

Disclaimer: This spreadsheet is to be used as a guide to help determine the BABA classification of installed materials. The classification of the specific product installed may differ from the classification listed on this guide. Refer to the manufacturer's information to determine the proper classification of the specific product. This Guide will be updated and amended as needed.

Item Number	Long Description	Short Description	Unit	No BA or BABA	BA - Iron/Steel	BA - Manufactured Product	BABA - Construction Material	Comments
000-00005	Design (NFA CDOT Direct and Indirect Costs)	Design (NFA CDOT)	L S	X				No material permanently installed
000-00010	Design (Federal Aid CDOT Inc Eligible Indirects)	Design (Federal Aid CDOT)	L S	X				No material permanently installed
000-00020	Design (Consultant)	Design (Consultant)	L S	X				No material permanently installed
000-00030	Construction Engineering (Consultant)	Const Engineering (Consultant)	L S	X				No material permanently installed
000-00035	Construction Engineering (Consultant Non-Federal Aid)	Const Engineering (Consultant NFA)	L S	X				No material permanently installed
000-00040	Construction Engineering (CDOT, Bid and F/A)	Const Engineering (CDOT, Bid and F/A)	L S	X				No material permanently installed
000-00045	Construction Engineering (CDOT, Bid and F/A - NFA)	Const Engineering (CDOT, Bid & F/A NFA)	L S	X				No material permanently installed
000-00050	Indirect Costs (CE Only)	Indirect Costs (CE Only)	L S	X				No material permanently installed
000-00100	Environmental (Non-Fed Aid CDOT)	Environmental (NFA CDOT)	L S	X				No material permanently installed
000-00105	Environmental (Federal Aid CDOT)	Environmental (Federal Aid CDOT)	L S	X				No material permanently installed
000-00110	Environmental (Non-Federal Aid Consultant)	Environmental (NFA Consultant)	L S	X				No material permanently installed
000-00115	Environmental (Federal Aid Consultant)	Environmental (Federal Aid Consultant)	L S	X				No material permanently installed
201-00000	Clearing and Grubbing	Clear and Grub	L S	X				No material permanently installed
201-00001	Clearing and Grubbing	Clear and Grub	ACRE	X				No material permanently installed
201-00002	Clearing	Clearing	L S	X				No material permanently installed
201-00005	Removal of Debris	Rem of Debris	L S	X				No material permanently installed
201-00007	Removal of Debris	Rem of Debris	EACH	X				No material permanently installed
201-00009	Removal of Debris	Rem of Debris	CY	X				No material permanently installed
201-00816	Reset Sign Panel (Special)	Res Sign Panel (Spec)	EACH	X				No material permanently installed
202-00000	Removal of Structures and Obstructions	Rem Str and Obstructions	L S	X				No material permanently installed
202-00001	Removal of Structure	Rem Structure	EACH	X				No material permanently installed
202-00002	Removal of Structure (Special)	Rem of Structure (Spec)	EACH	X				No material permanently installed
202-00003	Removal of Structure (Special)	Rem of Structure (Spec)	L S	X				No material permanently installed
202-00004	Removal of Steel H or Pipe Piling	Rem Steel H or Pipe Piling	LF	X				No material permanently installed
202-00005	Removal of Temporary Supports	Rem Temporary Supports	L S	X				No material permanently installed
202-00006	Removal of Temporary Supports	Rem Temporary Supports	EACH	X				No material permanently installed
202-00008	Tree Trimming	Tree Trimming	HOUR	X				No material permanently installed
202-00009	Tree Trimming	Tree Trimming	L S	X				No material permanently installed
202-00010	Removal of Tree	Rem Tree	EACH	X				No material permanently installed
202-00011	Tree Trimming	Tree Trimming	EACH	X				No material permanently installed
202-00012	Removal of Tree Stump	Rem Tree Stump	EACH	X				No material permanently installed
202-00013	Removal of Erosion Mat	Rem Erosion Mat	SY	X				No material permanently installed
202-00014	Brush Clearing	Brush Clearing	HOUR	X				No material permanently installed
202-00015	Removal of Headwall	Rem Headwall	EACH	X				No material permanently installed
202-00016	Removal of Tree Support	Rem Tree Support	EACH	X				No material permanently installed

202-00019	Removal of Inlet	Rem Inlet	EACH	X			No material permanently installed
202-00020	Removal of Concrete Box Culvert	Rem CBC	EACH	X			No material permanently installed
202-00021	Removal of Manhole	Rem Manhole	EACH	X			No material permanently installed
202-00022	Removal of Headgate	Rem Headgate	EACH	X			No material permanently installed
202-00023	Removal of Embankment Protector Type 3	Rem Emb Prot Ty 3	EACH	X			No material permanently installed
202-00024	Removal of Embankment Protector Type 5	Rem Emb Prot Ty 5	EACH	X			No material permanently installed
202-00025	Removal of Ditch Lining	Rem Ditch Lining	LF	X			No material permanently installed
202-00026	Removal of Slope and Ditch Paving	Rem S and D Pave	SY	X			No material permanently installed
202-00027	Removal of Riprap	Rem Riprap	SY	X			No material permanently installed
202-00028	Removal of Erosion Control BMPs (Special)	Rem of Eros Cntrl BMPs (Spec)	LS	X			No material permanently installed
202-00029	Removal of Gabion	Rem Gabion	CY	X			No material permanently installed
202-00030	Removal of Water Service	Rem Water Service	EACH	X			No material permanently installed
202-00031	Removal of Fire Hydrant	Rem of Fire Hydrant	EACH	X			No material permanently installed
202-00032	Removal of Valve	Rem Valve	EACH	X			No material permanently installed
202-00033	Removal of Pipe	Rem Pipe	EACH	X			No material permanently installed
202-00035	Removal of Pipe	Rem Pipe	LF	X			No material permanently installed
202-00036	Removal of Pipe (Special)	Rem of Pipe (Spec)	LF	X			No material permanently installed
202-00037	Removal of End Section	Rem of End Section	EACH	X			No material permanently installed
202-00038	Removal of Structural Plate Pipe	Rem Structural Plate Pipe	LF	X			No material permanently installed
202-00039	Removal of Bollard	Rem of Bollard	EACH	X			No material permanently installed
202-00040	Removal of Electrical Conduit	Rem Elec Conduit	LF	X			No material permanently installed
202-00045	Removal of Electrical Equipment	Rem Elec Equip	LF	X			No material permanently installed
202-00047	Removal of Electrical Equipment	Rem Elec Equipment	LS	X			No material permanently installed
202-00050	Removal of ITS Node Equipment	Rem ITS Node Equip	LS	X			No material permanently installed
202-00055	Removal of Fiber Optic Cable	Rem of FO Cable	LF	X			No material permanently installed
202-00060	Removal of Travel Time Indicator	Rem Trav Time Indicator	EACH	X			No material permanently installed
202-00070	Removal of Barricade	Rem Barricade	EACH	X			No material permanently installed
202-00080	Removal of Guard Post	Rem Guard Post	EACH	X			No material permanently installed
202-00090	Removal of Delineator	Rem Delineator	EACH	X			No material permanently installed
202-00100	Removal of Dome Channelizing Device	Rem of Dome Chan Device	EACH	X			No material permanently installed
202-00120	Removal of Concrete Box Culvert	Rem CBC	LF	X			No material permanently installed
202-00127	Removal of Riprap	Rem of Riprap	CY	X			No material permanently installed
202-00150	Removal of Wall	Rem Wall	EACH	X			No material permanently installed
202-00155	Removal of Wall	Rem Wall	LF	X			No material permanently installed
202-00160	Removal of Wall	Rem Wall	SF	X			No material permanently installed
202-00165	Removal of Wall	Rem Wall	LS	X			No material permanently installed
202-00170	Grinding And Texturing Concrete Pavement	Grinding And Texturing Conc Pvmt	SY	X			No material permanently installed
202-00172	Diamond Grinding Concrete Pavement	Diamond Grinding Concrete Pavement	SY	X			No material permanently installed
202-00175	Removal of Concrete	Rem Concrete	LS	X			No material permanently installed
202-00190	Removal of Concrete Median Cover Material	Rem of Conc Median Cover Matl	SY	X			No material permanently installed
202-00195	Removal of Median Cover	Rem of Median Cover	SY	X			No material permanently installed
202-00200	Removal of Sidewalk	Rem Sidewalk	SY	X			No material permanently installed

202-00201	Removal of Curb	Rem Curb	LF	X			No material permanently installed
202-00202	Removal of Gutter	Rem Gutter	LF	X			No material permanently installed
202-00203	Removal of Curb and Gutter	Rem Curb and Gutter	LF	X			No material permanently installed
202-00204	Removal of Curb, Gutter and Sidewalk	Rem C, G and Sidewalk	LF	X			No material permanently installed
202-00205	Removal of Wheel Stop	Rem Wheel Stop	EACH	X			No material permanently installed
202-00206	Removal of Concrete Curb Ramp	Rem Conc Curb Ramp	SY	X			No material permanently installed
202-00207	Removal of Brick Pavers	Rem of Brick Pavers	SY	X			No material permanently installed
202-00210	Removal of Concrete Pavement	Rem Conc Pavement	SY	X			No material permanently installed
202-00212	Removal of Concrete Pavement (Special)	Rem Conc Pavement (Spec)	SY	X			No material permanently installed
202-00215	Removal of Concrete Pavement (Planing)	Rem Conc Pvmt (Planing)	SY	X			No material permanently installed
202-00217	Remove Concrete Pavement (Planing) (Special)	Rem Conc Pvmt (Planing) (Spec)	SY	X			No material permanently installed
202-00220	Removal of Asphalt Mat	Rem Asphalt Mat	SY	X			No material permanently installed
202-00222	Removal of Detour Pavement	Removal of Detour Pavement	SY	X			No material permanently installed
202-00226	Removal of Asphalt Mat (Special)	Rem of Asph Mat (Special)	SY	X			No material permanently installed
202-00240	Removal of Asphalt Mat (Planing)	Rem Asphalt Mat (Planing)	SY	X			No material permanently installed
202-00241	Removal of Asphalt Mat (Planing)(Special)	Rem of Asph Mat (Planing) (Spec)	CY	X			No material permanently installed
202-00245	Removal of Asphalt Mat (Planing)	Rem Asphalt Mat (Planing)	TON	X			No material permanently installed
202-00246	Removal of Asphalt Mat (Planing) (Special)	Rem Asphalt Mat (Planing) (Special)	SY	X			No material permanently installed
202-00247	Removal of Asphalt Mat (Planing)	Rem Asphalt Mat (Planing)	L S	X			No material permanently installed
202-00248	Removal of Rumble Strips	Rem Rumble Strips	LF	X			No material permanently installed
202-00250	Removal of Pavement Marking	Rem Pavement Marking	SF	X			No material permanently installed
202-00251	Removal of Pavement Marking (Asphalt Grooving)	Rem Pvmt Marking (Asph Grooving)	SF	X			No material permanently installed
202-00252	Removal of Pavement Marking (Concrete Grooving)	Rem Pvmt Marking (Conc Grooving)	SF	X			No material permanently installed
202-00254	Removal of Pavement Marking (12 Inch)	Rem of Pvmt Mkg (12 In)	SF	X			No material permanently installed
202-00256	Removal of Pavement Marking (15 Inch)	Rem of Pvmt Mkg (15 In)	SF	X			No material permanently installed
202-00260	Removal of Pavement Marking (On-Call)	Rem of Pvmt Mkg (On-Call)	SF	X			No material permanently installed
202-00300	Removal of Building(s)	Rem Bldg(s)	L S	X			No material permanently installed
202-00400	Removal of Bridge	Rem Bridge	EACH	X			No material permanently installed
202-00401	Removal of Bridge (Special)	Rem Bridge (Spec)	EACH	X			No material permanently installed
202-00405	Removal of Piling	Rem of Pilling	EACH	X			No material permanently installed
202-00410	Removal of Mat From Bridge	Rem Mat From Br	SY	X			No material permanently installed
202-00420	Removal of Pedestrian Rail	Rem Ped Rail	LF	X			No material permanently installed
202-00425	Removal of Bridge Railing	Rem Bridge Railing	LF	X			No material permanently installed
202-00426	Removal of Bridge Railing (Special)	Rem Bridge Railing (Spec)	LF	X			No material permanently installed
202-00440	Removal of Existing Tunnel Liner	Rem of Exist Tunnel Liner	LF	X			No material permanently installed
202-00450	Removal of Portions of Present Structure (Class 1)	Rem Port Present Str (1)	SY	X			No material permanently installed
202-00453	Removal of Portions of Present Structure (Class 2)	Rem Port Present Str (2)	SY	X			No material permanently installed
202-00454	Removal of Portions of Present Structure (Class 2A)	Rem Port Present Str (2A)	SY	X			No material permanently installed
202-00456	Removal of Portions of Present Structure (Class 2B)	Rem Port Present Str (2B)	SY	X			No material permanently installed

202-00457	Removal of Portions of Present Structure (Class 2) (Hydrodemolition)	Rem of Portions of Pres Str (2) Hydrodemo	SY	X			No material permanently installed
202-00458	Removal of Portions of Present Structure (Hydrodemolition)(Fast-Track)	Rem Port Pres Str (Hydrodem)(Fast-Track)	SY	X			No material permanently installed
202-00460	Removal of Portions of Present Structure (Class 3)	Rem Port Present Str (3)	SY	X			No material permanently installed
202-00462	Removal of Portions of Present Structure (Class 3A)	Rem Port Present Str (3A)	SY	X			No material permanently installed
202-00480	Removal of Portions of Present Structure (Special)	Rem Port Present Str (Special)	SY	X			No material permanently installed
202-00495	Removal of Portions of Present Structure	Rem Port Present Str	L S	X			No material permanently installed
202-00500	Removal of Portions of Present Structure	Rem Port Present Str	EACH	X			No material permanently installed
202-00502	Removal of Portions of Present Structure	Rem Port Present Str	CY	X			No material permanently installed
202-00503	Removal of Portions of Present Structure	Rem Port Present Str	SY	X			No material permanently installed
202-00504	Removal of Expansion Device	Rem Exp Device	LF	X			No material permanently installed
202-00505	Removal of Portions of Present Structure	Rem Port of Present Structure	SF	X			No material permanently installed
202-00506	Removal of Waterproofing Membrane	Removal of Waterproofing Membrane	SY	X			No material permanently installed
202-00510	Removal of Roadway Contraction Joint	Rem Contraction Jt	LF	X			No material permanently installed
202-00514	Removal of Anti-icing System (Special)	Removal of Anti-icing System (Special)	L S	X			No material permanently installed
202-00520	Removal of Expansion Joint Material	Rem of Exp Joint Matl	LF	X			No material permanently installed
202-00600	Removal of Railroad Appurtenances	Rem Railroad Appurtenances	L S	X			No material permanently installed
202-00610	Removal of Railroad Track	Rem of RR Track	LF	X			No material permanently installed
202-00620	Removal of Railroad Crossover	Rem of RR Crossover	EACH	X			No material permanently installed
202-00621	Removal of Railroad Turnout	Rem of RR Turnout	EACH	X			No material permanently installed
202-00700	Removal of Light Standard	Rem Light Standard	EACH	X			No material permanently installed
202-00705	Removal of Light Standard Foundation	Rem Light Standard Foundation	EACH	X			No material permanently installed
202-00710	Removal of Power Pole	Rem Power Pole	EACH	X			No material permanently installed
202-00715	Removal of Closed Circuit Television Pole	Rem CCTV Pole	EACH	X			No material permanently installed
202-00720	Removal of Closed Circuit Camera	Rem CCTV Camera	EACH	X			No material permanently installed
202-00725	Removal of Existing Lighting System	Rem Ex Lighting Sys	L S	X			No material permanently installed
202-00750	Removal of Luminaire	Rem Luminaire	EACH	X			No material permanently installed
202-00800	Removal of Overpass Mounted Sign Bracket	Rem Overpass Mtd Sign Brkt	EACH	X			No material permanently installed
202-00805	Removal of Overhead Sign Structure	Rem Overhead Sign Str	EACH	X			No material permanently installed
202-00806	Removal of Walkway	Rem Walkway	LF	X			No material permanently installed
202-00810	Removal of Ground Sign	Rem Ground Sign	EACH	X			No material permanently installed
202-00815	Removal of Sign (Special)	Rem of Sign (Special)	EACH	X			No material permanently installed
202-00818	Removal of Steel Sign Ground Stub base (36 Inch)	Rem Steel Sign Ground Stub base (36 In)	EACH	X			No material permanently installed
202-00821	Removal of Sign Panel	Rem Sign Panel	EACH	X			No material permanently installed
202-00823	Removal of Dynamic Message Sign	Rem Dynamic Message Sign	EACH	X			No material permanently installed
202-00825	Removal of Flashing Beacon	Rem Flashing Beacon	EACH	X			No material permanently installed
202-00827	Removal of Pull Box	Rem of Pull Box	EACH	X			No material permanently installed
202-00828	Removal of Traffic Signal Equipment	Rem Traf Sig Equipment	L S	X			No material permanently installed
202-00830	Removal of Traffic Signal Face	Rem Traf Sig Face	EACH	X			No material permanently installed

202-00831	Removal of Traffic Signal Head	Rem Traf Sig Head	EACH	X			No material permanently installed
202-00832	Removal of Sign Panel (Special)	Rem of Sign Panel (Spec)	EACH	X			No material permanently installed
202-00840	Removal of Traffic Signal Pole	Rem Traf Sig Pole	EACH	X			No material permanently installed
202-00842	Removal of Mast Arm	Rem Mast Arm	EACH	X			No material permanently installed
202-00845	Removal of Traffic Signal Controller	Rem Traf Sig Controller	EACH	X			No material permanently installed
202-00848	Removal of Traffic Signal Controller and Cabinet	Rem Traf Sig Control+Cab	EACH	X			No material permanently installed
202-00855	Removal of Traffic Signal Controller Cabinet	Rem Traf Sig Control Cab	EACH	X			No material permanently installed
202-00858	Removal of Pedestal Pole	Rem Pedestal Pole	EACH	X			No material permanently installed
202-00860	Removal of Pedestrian Push Button	Rem Ped Push Button	EACH	X			No material permanently installed
202-00870	Removal of Coordination Unit	Rem Coordination Unit	EACH	X			No material permanently installed
202-00873	Removal of Tone Decoder	Rem Tone Decoder	EACH	X			No material permanently installed
202-00880	Removal of Traffic Signal Vehicle Detector Amplifier	Rem Sig Veh Detector Amp	EACH	X			No material permanently installed
202-00882	Removal of Traffic Signal Vehicle Detector (Magnetic Type)	Rem Detector (Magnetic)	EACH	X			No material permanently installed
202-00887	Removal of Radar Detection System	Rem Radar Detect Sys	EACH	X			No material permanently installed
202-00888	Removal of Video Detection System	Rem Video Detect Sys	EACH	X			No material permanently installed
202-00889	Removal of Detectable Warning	Rem of Detect Warning	EACH	X			No material permanently installed
202-00890	Removal of Span Wire Cable	Rem Span Wire Cable	LF	X			No material permanently installed
202-00895	Removal of Impact Attenuator	Rem of Impact Attenuator	EACH	X			No material permanently installed
202-00900	Removal of Concrete Footing	Rem Conc Footing	EACH	X			No material permanently installed
202-00950	Removal of Concrete Foundation and Slab	Rem Conc Found/Slab	SY	X			No material permanently installed
202-01000	Removal of Fence	Rem Fence	LF	X			No material permanently installed
202-01010	Removal Of Silt Fence	Rem Silt Fence	LF	X			No material permanently installed
202-01015	Removal of Rockfall Fence	Rem Rockfall Fence	LF	X			No material permanently installed
202-01017	Removal of Wire Mesh	Rem of Wire Mesh	SF	X			No material permanently installed
202-01020	Removal of Noise Barrier Fence	Rem Noise Barrier Fence	LF	X			No material permanently installed
202-01030	Removal of Road Closure Gate	Rem of Road Closure Gate	EACH	X			No material permanently installed
202-01035	Removal of Gate	Rem of Gate	EACH	X			No material permanently installed
202-01040	Removal of HOV Gate	Rem of HOV Gate	EACH	X			No material permanently installed
202-01110	Removal of Guardrail Type 1	Rem Gdrail Ty 1	LF	X			No material permanently installed
202-01130	Removal of Guardrail Type 3	Rem Gdrail Ty 3	LF	X			No material permanently installed
202-01135	Removal of Guardrail Thrie Beam	Rem Gdrail Thrie Beam	LF	X			No material permanently installed
202-01140	Removal of Guardrail Type 4	Rem Gdrail Ty 4	LF	X			No material permanently installed
202-01150	Removal of Guardrail Type 5	Rem Gdrail Ty 5	LF	X			No material permanently installed
202-01170	Removal of Guardrail Type 7	Rem Gdrail Ty 7	LF	X			No material permanently installed
202-01175	Removal of Guardrail (Special)	Rem of Guardrail (Spec)	LF	X			No material permanently installed
202-01180	Removal of Median Barrier	Rem Median Barrier	LF	X			No material permanently installed
202-01190	Removal of Guardrail Type 9	Rem Gdrail Ty 9	LF	X			No material permanently installed
202-01200	Removal of High-Tension Cable Barrier	Rem High-Tension Cable Barrier	LF	X			No material permanently installed
202-01300	Removal of End Anchorage	Rem End Anchorage	EACH	X			No material permanently installed
202-01400	Removal of Cattle Guard	Removal of Cattle Guard	EACH	X			No material permanently installed

								Refer to project plans and specifications. Each plug structure will have different requirements and products depending on the design/repair work needed. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
202-04000	Plug Structure	Plug Structure	EACH	X	X	X	X	
								Refer to project plans and specifications. Each plug culvert will have different requirements and products depending on the design/repair work needed. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
202-04001	Plug Culvert	Plug Culvert	EACH	X	X	X	X	
202-04002	Clean Culvert	Clean Culvert	EACH	X				No material permanently installed
202-04003	Clean Culvert (Special)	Clean Culvert (Spec)	EACH	X				No material permanently installed
								Refer to project plans and specifications. Each plug culvert will have different requirements and products depending on the design/repair work needed. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
202-04004	Plug Culvert (Special)	Plug Culvert (Spec)	EACH	X	X	X	X	
202-04005	Clean Valve Box	Clean Valve Box	EACH	X				No material permanently installed
202-04006	Clean Culvert	Clean Culvert	HOUR	X				No material permanently installed
202-04007	Plug Culvert	Plug Culvert	CY					No material permanently installed
202-04008	Clean Culvert	Clean Culvert	LF	X				No material permanently installed
202-04010	Clean Inlet	Clean Inlet	EACH	X				No material permanently installed
202-04040	Clean Box Girder	Clean Box Girder	EACH	X				No material permanently installed
202-04041	Clean Box Girder (Forms and Debris)	Clean Box Girder (F & D)	SF	X				No material permanently installed
202-04042	Clean Box Girder (Organic Material)	Clean Box Girder (O M)	SF	X				No material permanently installed
202-04050	Clean Expansion Joint	Clean Exp Joint	LF	X				No material permanently installed
202-04060	Dust Abatement	Dust Abatement	L S	X				No material permanently installed

								Refer to project plans and specifications. Each well abandonment will have different requirements and products depending on the work needed.
202-04100	Abandon Well	Abandon Well	EACH	X	X	X	X	BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
202-04200	Plug Storage Tank	Plug Storage Tank	EACH	X	X	X	X	Refer to project plans and specifications. Each plug storage tank will have different requirements and products depending on the design/repair work needed. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
202-04300	Removal of Underground Storage Tank	Rem Underground Storage Tank	EACH	X				No material permanently installed
202-05000	Transverse Grooving	Transverse Grooving	SY	X				No material permanently installed
202-05002	Sawing Concrete (2 Inch)	Sawing Concrete (2 In)	LF	X				No material permanently installed
202-05004	Sawing Concrete (4 Inch)	Sawing Concrete (4 In)	LF	X				No material permanently installed
202-05006	Sawing Concrete (6 Inch)	Sawing Concrete (6 In)	LF	X				No material permanently installed
202-05008	Sawing Concrete (8 Inch)	Sawing Concrete (8 In)	LF	X				No material permanently installed
202-05010	Sawing Concrete (10 Inch)	Sawing Concrete (10 In)	LF	X				No material permanently installed
202-05011	Sawing Concrete (10.5 Inch)	Sawing Concrete (10.5 In)	LF	X				No material permanently installed
202-05019	Sawing Concrete (Special)	Sawing Concrete (Spec)	LF	X				No material permanently installed
202-05026	Sawing Asphalt Material (6 Inch)	Sawing Asphalt Mat (6 In)	LF	X				No material permanently installed
202-05030	Sawing Asphalt Material (10 Inch)	Sawing Asphalt Mat (10 In)	LF	X				No material permanently installed
202-05100	Sandblasting Reinforcing Steel	Sandblasting Reinf Steel	SY	X				No material permanently installed
202-05150	Sandblasting	Sandblasting	SF	X				No material permanently installed
202-05300	Removal and Disposal of Paint	Rem and Disposal of Paint	LS	X				No material permanently installed
202-05301	Removal and Disposal of Paint	Rem and Disposal of Paint	SF	X				No material permanently installed
202-06000	Removal of Detour	Rem Detour	LS	X				No material permanently installed
202-06500	Removal of Restraining Bar	Rem of Restraining Bar	LS	X				No material permanently installed
202-06510	Removal of Inspection Car Rail	Rem of Inspection Car Rail	LS	X				No material permanently installed
202-06520	Removal of Existing Wall Panels	Rem of Existing Wall Panels	LS	X				No material permanently installed
202-06530	Clean Drain Pipe (Special)	Clean Drain Pipe (Spec)	EACH	X				No material permanently installed
202-07000	Obliterate Old Road	Oblit Old Road	LS	X				No material permanently installed
202-07100	Removal of Access Road (Special)	Rem of Access Rd (Spec)	LS	X				No material permanently installed
202-07200	Removal of Temporary Stream Crossing	Rem of Temporary Stream Crossing	EACH	X				No material permanently installed
203-00000	Unclassified Excavation	Uncl Excav	CY	X				No material permanently installed
203-00010	Unclassified Excavation (Complete In Place)	Uncl Excav (CIP)	CY	X				Soil removal/installation
203-00012	Unclassified Excavation (Complete In Place) (Special)	Uncl Excav (CIP) (Spec)	CY	X				Soil removal/installation

203-00014	Unclassified Excavation (River Bottom Material Salvage and Replacement)	Uncl Ex (River Bttm Matl Salv and Repl)	CY	X				Soil removal/installation
203-00015	Unclassified Excavation (Channel Grading)	Uncl Ex (Channel Grading)	CY	X				Soil removal/installation
203-00040	Unclassified Excavation (Special)	Uncl Excav (Spec)	CY	X				Soil removal/installation
203-00041	Unclassified Excavation (Special)	Uncl Excav (Spec)	TON	X				Soil removal/installation
203-00050	Unsuitable Material	Unsuitable Material	CY	X				Soil removal
203-00060	Embankment Material (Complete In Place)	Emb Matl (CIP)	CY	X				Soil removal/installation
203-00061	Embankment Material (Complete In Place)	Emb Matl (CIP)	TON	X				Soil removal/installation
203-00062	Embankment Material (Complete In Place) (Special)	Emb Matl (CIP) (Spec)	CY	X				Soil removal/installation
203-00065	Embankment Material (Complete In Place) (R20)	Emb Matl (CIP) (R20)	CY	X				Soil removal/installation
203-00066	Embankment Material (Complete In Place) (R40)	Emb Matl (CIP) (R40)	CY	X				Soil removal/installation
203-00100	Muck Excavation	Muck Excav	CY	X				Soil removal
203-00200	Borrow	Borrow	CY	X				Soil removal
203-00210	Borrow (Complete In Place)	Borrow (CIP)	CY	X				Soil removal/installation
203-00400	Rock Excavation	Rock Excav	CY	X				Rock removal
203-00440	Rock Excavation (Special)	Rock Excav (Spec)	CY	X				Rock removal
203-00450	Rock Removal	Rem Rock	EACH	X				Rock removal
203-00500	Rock Fill	Rock Fill	CY	X				Place rock
203-00510	Rock Fill (Special)	Rock Fill (Spec)	CY	X				Place rock
203-00590	Rock Placement	Rock Placement	CY	X				Place rock
203-00592	Rock Staining	Rock Staining	SF	X				No BABA - paints and stains are exempt from BABA documentation
203-00595	Rock Scaling	Rock Scaling	SY	X				Rock removal
203-00596	Rock Scaling	Rock Scaling	LS	X				Rock removal
203-00598	Rock Scaling	Rock Scaling	HOUR	X				Rock removal
203-00599	Rock Scaler	Rock Scaler	HOUR	X				Rock removal
203-00600	Stripping	Stripping	CY	X				Soil removal
203-00700	Reclaim Pit	Reclaim Pit	EACH	X				Pit restoration - grading/seeding/planting
203-00705	Access Pit	Access Pit	EACH					Soil removal/installation
203-00710	Clay Plating (Complete In Place)	Clay Plating (CIP)	CY					Soil removal/installation
203-00840	Expanded Polystyrene Fill	Polystyrene Fill	CY				X	BABA - plastic/polymer based product
203-00850	Expanded Polystyrene Fill (Complete In Place)	Polystyrene Fill (CIP)	CY				X	BABA - plastic/polymer based product
203-00900	Contaminated Soil Excavation	Contaminated Soil Excav	CY	X				Soil removal
203-00910	Contaminated Soil Excavation and Disposal (Off-Site)	Contam Soil Excav & Disposal (Off-Site)	CY	X				Soil removal
203-01000	Irregular Channel Toe	Irregular Channel Toe	LF	X				No BABA required for aggregate material
203-01020	Compaction (AASHTO T 99)	Compaction (AASHTO T 99)	CY	X				
203-01030	Compaction (AASHTO T 180)	Compaction (AASHTO T 180)	CY	X				
203-01100	Proof Rolling	Proof Rolling	HOUR	X				
203-01120	Vibratory Rolling	Vibratory Rolling	HOUR	X				
203-01140	Rolling	Rolling	HOUR	X				
203-01200	Roadway Insulation Material (2 Inch)	Roadway Insulation Mat (2 In)	SF				X	
203-01500	Blading	Blading	HOUR	X				
203-01510	Backhoe	Backhoe	HOUR	X				
203-01515	Backhoe (Landscaping)	Backhoe (Landscaping)	HOUR	X				

203-01520	Backhoe (Special)	Backhoe (Spec)	EACH	X				
203-01525	Backhoe (Special)	Backhoe (Spec)	HOUR	X				
203-01548	Pump	Pump	DAY	X				
203-01549	Pump	Pump	HOUR	X				
203-01550	Dozing	Dozing	HOUR	X				
203-01551	Dozing (Heavy)	Dozing (Heavy)	HOUR	X				
203-01555	Dozing (Landscaping)	Dozing (Landscaping)	HOUR	X				
203-01565	Hydraulic Excavator	Hydraulic Excavator	HOUR	X				
203-01580	Truck	Truck	HOUR	X				
203-01582	Truck (Dump)	Truck (Dump)	HOUR	X				
203-01583	Truck (Tractor)	Truck (Tractor)	HOUR	X				
203-01590	Front End Loader (Rubber Tire)	Front End Loader (Rubber)	HOUR	X				
203-01591	Front End Loader (Crawler)	Front End Loader (Crawler)	HOUR	X				
203-01592	Front End Loader (Special)	Front End Loader (Special)	HOUR	X				
203-01594	Combination Loader	Combination Loader	HOUR	X				
203-01596	Potholing With Surveying and Stationing of U/G Utilities	Potholing W/ Surveying	LS	X	X	X	X	
203-01597	Potholing	Potholing	HOUR	X			X	
203-01598	Potholing (Special)	Potholing (Spec)	EACH	X			X	
203-01600	Crane (Crawler)	Crane (Crawler)	HOUR	X				
203-01610	Crane (Rubber Tire)	Crane (Rubber Tire)	HOUR	X				
203-01615	Crane (Scaling)	Crane (Scaling)	HOUR	X				
203-01620	Sweeping	Sweeping	HOUR	X				
203-01622	Sweeping (With Pickup Broom)	Sweeping (With Pickup Broom)	HOUR	X				
203-01625	Hydraulic Excavator Scaling	Hydraulic Excavator Scaling	HOUR	X				
203-02060	Presplitting	Presplitting	LF	X				
203-02300	Rock Scaler	Rock Scaler	HOUR	X				
203-02310	Scaler Foreperson	Scaler Foreperson	HOUR	X				
203-02312	Hand Scaling	Hand Scaling	HOUR	X				
203-02315	Mechanized Scaling	Mechanized Scaling	HOUR	X				
203-02320	Blaster	Blaster	HOUR	X				
203-02324	Blast Vibration Monitoring	Blast Vibration Monitoring	LS	X				
203-02330	Laborer	Laborer	HOUR	X				
204-00010	Haul	Haul	TM	X				
206-00000	Structure Excavation	Str Excav	CY	X				
206-00010	Structure Excavation (Special)	Str Excav (Spec)	CY	X				
206-00050	Structure Backfill (Special)	Str Bkfl (Spec)	CY	X				
206-00060	Structure Backfill (Special) (Flow-Fill)	Str Bkfl (Spec) (Flow-Fill)	CY	X				
206-00065	Structure Backfill (Flow-Fill)	Str Bkfl (Flow-Fill)	CY	X				
206-00066	Structure Backfill (Flowable Fly Ash)	Str Bkfl (FF Ash)	CY	X				
206-00070	Structure Backfill (Controlled Low Strength Materials)	Str Bkfl (CLSM)	CY	X				
206-00100	Structure Backfill (Class 1)	Str Bkfl (CL 1)	CY	X				
206-00200	Structure Backfill (Class 2)	Str Bkfl (CL 2)	CY	X				

206-00360	Mechanical Reinforcement of Soil	Mechanical Reinforcement of Soil	CY		X	X	X
206-00505	Filter Material (Special)	Filter Matl (Spec)	CY	X			
206-00510	Filter Material (Class A)	Filter Matl (CL A)	CY	X			
206-00520	Filter Material (Class B)	Filter Matl (CL B)	CY	X			
206-00530	Filter Material (Class C)	Filter Matl (CL C)	CY	X			
206-01000	Bed Course Material	Bed Course Matl	CY	X			
206-01001	Bed Course Material (Special)	Bed Course Matl (Spec)	CY	X			
206-01010	Bed Course Material	Bed Course Matl	TON	X			
206-01025	Rock Blanket (1 Foot)	Rock Blanket (1 Ft)	SY	X			
206-01500	Cofferdam	Cofferdam	LS	X			
206-01600	Temporary Excavation Support	Temp Excav Support	LS	X			
206-01750	Shoring	Shoring	LS	X			
206-01781	Shoring (Area 1)	Shoring (A 1)	LS	X			
206-01782	Shoring (Area 2)	Shoring (A 2)	LS	X			
206-01783	Shoring (Area 3)	Shoring (A 3)	LS	X			
206-01784	Shoring (Area 4)	Shoring (A 4)	LS	X			
206-01785	Shoring (Area 5)	Shoring (A 5)	LS	X			
206-01786	Shoring (Area 6)	Shoring (A 6)	LS	X			
206-01787	Shoring (Area 7)	Shoring (A 7)	LS	X			
206-01788	Shoring (Area 8)	Shoring (A 8)	LS	X			
206-01789	Shoring (Area 9)	Shoring (A 9)	LS	X			
206-01790	Shoring (Area 10)	Shoring (A 10)	LS	X			
206-01791	Shoring (Area 11)	Shoring (A 11)	LS	X			
206-01792	Shoring (Area 12)	Shoring (A 12)	LS	X			
206-01793	Shoring (Area 13)	Shoring (A 13)	LS	X			
206-01794	Shoring (Area 14)	Shoring (A 14)	LS	X			
206-01795	Shoring (Area 15)	Shoring (A 15)	LS	X			
206-01796	Shoring (Area 16)	Shoring (A 16)	LS	X			
206-01797	Shoring (Area 17)	Shoring (A 17)	LS	X			
206-01798	Shoring (Area 18)	Shoring (A 18)	LS	X			
206-01799	Shoring (Area 19)	Shoring (A 19)	LS	X			
206-01800	Shoring (Area 20)	Shoring (A 20)	LS	X			
206-01801	Shoring (Area 21)	Shoring (A 21)	LS	X			
206-01802	Shoring (Area 22)	Shoring (A 22)	LS	X			
206-01803	Shoring (Area 23)	Shoring (A 23)	LS	X			
206-01804	Shoring (Area 24)	Shoring (A 24)	LS	X			
206-01805	Shoring (Area 25)	Shoring (A 25)	LS	X			
206-01806	Shoring (Area 26)	Shoring (A 26)	LS	X			
206-01809	Shoring (Area 29)	Shoring (A 29)	LS	X			
206-01810	Shoring (Area 30)	Shoring (A 30)	LS	X			
206-01811	Shoring (Area 31)	Shoring (A 31)	LS	X			
206-01812	Shoring (Area 32)	Shoring (A 32)	LS	X			
206-01813	Shoring (Area 33)	Shoring (A 33)	LS	X			
206-01814	Shoring (Area 34)	Shoring (A 34)	LS	X			
206-01815	Shoring (Area 35)	Shoring (A 35)	LS	X			

206-01816	Shoring (Area 36)	Shoring (A 36)	LS	X				
206-01817	Shoring (Area 37)	Shoring (A 37)	LS	X				
206-01818	Shoring (Area 38)	Shoring (A 38)	LS	X				
206-01819	Shoring (Area 39)	Shoring (A 39)	LS	X				
207-00205	Topsoil	Topsoil	CY	X				
207-00210	Stockpile Topsoil	Stockpile Topsoil	CY	X				
207-00305	Wetland Topsoil	Wetland Topsoil	CY	X				
207-00310	Stockpile Wetland Topsoil	Stockpile Wetland Topsoil	CY	X				
207-00405	Topsoil (Special)	Topsoil (Spec)	CY	X				
207-00602	Topsoil (Engineered)	Topsoil (Engineered)	CY	X				
207-00604	Subsoil Preparation	Subsoil Prep	SY	X				
207-00606	Topsoil (Imported)	Topsoil (Imported)	CY	X				
207-00700	Topsoil (Onsite)	Topsoil (Onsite)	CY	X				
207-00702	Topsoil (Offsite)	Topsoil (Offsite)	CY	X				
207-00703	Topsoil (Wetland)	Topsoil (Wetlnd)	CY	X				
207-00704	Subgrade Soil Preparation	Sub Soil Prep	SY	X				
207-00706	Seeding Media	Seeding Media	CY					
207-01110	Planter Soil Mix	Planter Soil Mix	CY	X				
208-00001	Silt Dike	Silt Dike	LF					
208-00002	Erosion Log Type 1 (12 Inch)	Erosion Log Type 1 (12 In)	LF	X				
208-00004	Silt Berm	Silt Berm	LF					
208-00006	Erosion Log (Special)	Erosion Log (Special)	LF	X				
208-00007	Erosion Log Type 2 (8 Inch)	Erosion Log Type 2 (8 In)	LF	X				
208-00008	Erosion Log Type 2 (12 Inch)	Erosion Log Type 2 (12 In)	LF	X				
208-00009	Erosion Log Type 2 (18 Inch)	Erosion Log Type 2 (18 In)	LF	X				
208-00011	Erosion Bales (Weed Free)	Erosion Bales (Weed Free)	EACH	X				
208-00012	Erosion Log Type 1 (9 Inch)	Erosion Log Type 1 (9 In)	LF	X				
208-00013	Erosion Log Type 1 (20 Inch)	Erosion Log Type 1 (20 In)	LF	X				
208-00014	Silt Dike (Type 2)(6 Inch)	Silt Dike (Type 2)(6 In)	LF					
208-00015	Sand Bag	Sand Bag	EACH	X				
208-00016	Erosion Log Type 1 (Special) (12 Inch)	Erosion Log Type 1 (Special) (12 In)	LF	X				
208-00017	Erosion Log Type 2 Biodegradable Netting (12 Inch)	Erosion Log Type 2 BioD Netting (12 In)	LF	X				
208-00019	Silt Fence (Reinforced)(Special)	Silt Fence (Reinforced) (Special)	LF	X				
208-00020	Silt Fence	Silt Fence	LF	X				
208-00021	Silt Fence (Reinforced)	Silt Fence (Reinf)	LF	X				
208-00022	Erosion Log Type 3 (9 Inch)	Erosion Log Type 3 (9 In)	LF	X				
208-00023	Erosion Log Type 3 (12 Inch)	Erosion Log Type 3 (12 In)	LF	X				
208-00024	Erosion Log Type 3 (20 Inch)	Erosion Log Type 3 (20 In)	LF	X				
208-00025	Plastic Sheeting	Plastic Sheeting	SY				X	
208-00026	Coir Roll	Coir Roll	LF	X				
208-00027	Silt Fence (Type 2)	Silt Fence (Type 2)	LF	X				
208-00028	Erosion Log Type 4 (12 Inch)	Erosion Log Type 4 (12 In)	LF	X				

208-00029	Erosion Log Type 3 (Special) (12 Inch)	Erosion Log Type 3 (Special) (12 In)	LF	X			
208-00030	Sediment Basin	Sediment Basin	EACH	X	X		X
208-00033	Sediment Trap	Sediment Trap	EACH	X			
208-00035	Aggregate Bag	Aggregate Bag	LF	X			
208-00036	Aggregate Bag (Special)	Aggregate Bag (Special)	LF	X			
208-00041	Rock Check Dam	Rock Check Dam	EACH	X			
208-00045	Concrete Washout Structure	Conc Washout Str	EACH	X			
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	Pre-fab Conc Washout Str (Type 1)	EACH	X			
208-00051	Storm Drain Inlet Protection (Type I)	Storm Drain Inlet Protection (Type I)	LF	X			
208-00052	Storm Drain Inlet Protection (Type II)	Storm Drain Inlet Protection (Type II)	LF	X			
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	Storm Drain Inlet Protect (Ty I)(84 In)	EACH	X			
208-00054	Storm Drain Inlet Protection (Type II)	Storm Drain Inlet Protection (Type II)	EACH	X			
208-00055	Rigid Inlet Protection Device	Rigid Inlet Prot Device	EACH	X	X		X
208-00056	Storm Drain Inlet Protection (Type III)	Storm Drain Inlet Protection (Type III)	EACH	X			
208-00057	Storm Drain Inlet Protection (Type I) (144 inch)	Storm Drain Inlet Protect (Ty I)(144 In)	EACH	X			
208-00058	Storm Drain Inlet Protection (Type I) (204 Inch)	Storm Drain Inlet Protect (Ty I)(204 In)	EACH	X			
208-00059	Storm Drain Inlet Protection (Rubber Mat)	Storm Drain Inlet Protection (Rubber Mat)	EACH	X			
208-00060	Temporary Slope Drain	Temporary Slope Drain	LF	X			
208-00070	Vehicle Tracking Pad	Vehicle Tracking Pad	EACH	X			
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	Maint Aggregate (Veh Track Pad)	CY	X			
208-00075	Pre-fabricated Vehicle Tracking Pad	Pre-fab Vehicle Track Pad	EACH	X			
208-00082	Construction Mat	Construction Mat	SF	X			
208-00090	Erosion Control (Curb Ramp)	Erosion Control (Curb Ramp)	EACH	X	X		X
208-00103	Removal and Disposal of Sediment (Labor)	Removal and Disposal of Sediment (Labor)	HOUR	X			
208-00105	Removal and Disposal of Sediment (Equipment)	Removal and Disposal of Sediment (Equip)	HOUR	X			
208-00106	Sweeping (Sediment Removal)	Sweeping (Sediment Removal)	HOUR	X			
208-00107	Removal of Trash	Rem Trash	HOUR	X			
208-00146	Pre-fabricated Concrete Washout Structure (Type 2)	Pre-fab Conc Washout Str (Type 2)	EACH	X			
208-00200	Erosion Control Management	Erosion Control Management	LS	X			
208-00207	Erosion Control Management	Erosion Control Management	DAY	X			
208-00300	Temporary Berms	Temporary Berms	LF	X			
208-00301	Temporary Diversion	Temporary Diversion	LF	X			

208-00302	Temporary Spill Berm (Special)	Temp Spill Berm (Special)	LF	X			
208-00303	Temporary Diversion (Special)	Temporary Diversion (Special)	LF	X			
208-00400	Water Control	Water Control	L S				
208-00500	Swale Protection Type 1	Swale Protect Type 1	LF	X			
208-00502	Swale Protection Type 2	Swale Protect Type 2	LF	X			
208-00503	Swale Protection Type 3	Swale Protect Type 3	LF	X			
208-00504	Swale Protection Type 4	Swale Protect Type 4	LF	X			
208-00505	Swale Protection Type 5	Swale Protect Type 5	LF	X			
208-00506	Swale Protection Type 6	Swale Protection Type 6	LF	X			
208-00511	Environmental Solid Wall (Temporary)	Environmental Solid Wall (Temporary)	LF	X			
208-00513	Environmental Water-Filled Wall (Temporary) (2 Foot)	Environmental Water-Filled Wall Tmp 2ft	LF	X			
208-00514	Environmental Water-Filled Wall (Temporary) (3 Foot)	Environmental Water-Filled Wall Tmp 3ft	LF	X			
208-00515	Environmental Water-Filled Wall (Temporary) (4 Foot)	Environmental Water-Filled Wall Tmp 4ft	LF	X			
208-00520	Temporary Stream Crossing	Temp Stream Crossing	L S	X			
208-00521	Temporary Stream Crossing	Temp Stream Crossing	EACH	X			
209-00000	Water	Water	MGAL	X			
209-00100	Water (Landscaping)	Water (Landscaping)	MGAL	X			
209-00200	Time-Released Water Product	Time-Released Water Product	EACH	X			
209-00300	Water Treat Processing (Tunnel)	Water Treat Pro (Tunnel)	MGAL	X			
209-00600	Dust Palliative (Magnesium Chloride)	Dust Palliative (Mg Cl)	GAL	X			
209-00605	Dust Palliative (Magnesium Chloride)(Special)	Dust Palliative (Mg Cl)(Spec)	GAL	X			
210-00001	Reset Structure	Res Structure	EACH	X			
210-00002	Reset Structure	Reset Structure	L S	X			
210-00007	Reset Wheel Stop	Res Wheel Stop	EACH	X			
210-00009	Reset Communications Cabinet	Res Communications Cabinet	EACH	X			
210-00010	Reset Mailbox Structure	Res Mailbox Str	EACH	X			
210-00011	Reset Mailbox Structure (Type 1)	Res Mailbox Str (Ty 1)	EACH	X			
210-00012	Reset Mailbox Structure (Type 2)	Res Mailbox Str (Ty 2)	EACH	X			
210-00013	Reset Mailbox Structure (Type 3)	Res Mailbox Str (Ty 3)	EACH	X			
210-00014	Reset Mailbox Structure (Type 4)	Res Mailbox Str (Ty 4)	EACH	X			
210-00015	Reset End Section	Res End Section	EACH	X			
210-00030	Reset Water Service	Res Water Service	EACH	X			
210-00035	Reset Water Meter	Res Water Meter	EACH	X			
210-00037	Reset Irrigation Pump	Reset Irrigation Pump	EACH	X			
210-00040	Reset Water Line	Res Water Line	L S	X			
210-00045	Reset Slide Headgate	Res Slide Headgate	EACH	X			
210-00050	Reset Fire Hydrant	Res Fire Hydrant	EACH	X			
210-00055	Reset Utility Pad-Mounted Transformer	Res Util Pad-Mount Trans	EACH	X			
210-00056	Reset Utility Secondary Service Pedestal	Res Util Sec Serv Ped	EACH	X			
210-00060	Reset Marker	Res Marker	EACH	X			
210-00065	Reset Monument (Type 3A)	Res Monument (Ty 3A)	EACH	X			

210-00066	Reset Monument Box	Reset Monument Box	EACH	X				
210-00070	Reset Barricade	Res Barricade	EACH	X				
210-00075	Reset Pre-Fabricated Vehicle Tracking Pad	Reset Pre-Fab Veh Tracking Pad	EACH	X				
210-00090	Reset Delineator	Res Delineator	EACH	X				
210-00094	Reset LED Lane Markings	Res LED Lane Markings	EACH	X				
210-00100	Reset Trash Guard	Res Trash Guard	EACH	X				
210-00200	Reset Flaggpole	Reset Flaggpole	EACH	X				
210-00300	Reset Brick Pavers	Res Brick Pavers	SY	X				
210-00400	Reset Bridge Expansion Device	Res Expan Device	LF	X				
210-00410	Modify Bridge Expansion Device	Modify Bridge Expan Device	EACH	X	X	X	X	
210-00415	Repair Rail Expansion Joint	Repair Rail Expan Joint	EACH		X	X	X	
210-00420	Reset Timbers	Res Timbers	L S	X				
210-00425	Reset Bridge Railing	Res Bridge Railing	LF	X				
210-00427	Reset Pipe Hand Railing	Res Pipe Handrailing	LF	X				
210-00440	Repair Curb	Repair Curb	LF		X	X	X	
210-00442	Patch Bridge Curb	Patch Bridge Curb	LF		X	X	X	
210-00444	Replace Bridge Curb	Replace Bridge Curb	LF		X	X	X	
210-00450	Repair Overhead Sign Structure	Repair Overhead Sign Structure	L S		X	X	X	
210-00451	Repair Overhead Sign Structure	Rep Overhead Sign Str	EACH		X	X	X	
210-00455	Repair Post-Tensioning System	Rep P-Tension Sys	L S		X	X	X	
210-00472	Reset Metal Panels	Res Metal Panels	LF	X				
210-00473	Reset TV Cameras	Res TV Cameras	EACH	X				
210-00474	Reset Traffic Controller Signal Head	Res Traf Contr Signal Head	EACH	X				
210-00475	Reset Closed Circuit Television Pole	Res CCTV Pole	EACH	X				
210-00476	Reset Microwave Vehicle Radar Detector (MVRD)	Reset MVRD	EACH	X				
210-00477	Reset Weather Station	Reset Weather Station	EACH	X				
210-00478	Modify Power Control Board	Modify Power Control Board	L S		X	X	X	
210-00479	Reset Radio Communication Antenna	Res Radio Com Antenna	EACH	X				
210-00480	Pier Restoration	Pier Restoration	L S		X	X	X	
210-00481	Reset Dedicated Short Range Communications (DSRC) (Roadside Unit)	Reset DSRC (Roadside Unit)	EACH	X				
210-00500	Rebuild Portions of Present Structure	Reb Port Present Str	EACH		X	X	X	
210-00510	Rebuild Portions of Present Structure	Reb Port Present Str	L S		X	X	X	
210-00520	Rebuild Portions of Present Structure	Reb Port Present Str	SY		X	X	X	
210-00530	Rebuild Portions of Present Structure	Rebuild Port of Present Str	SF		X	X	X	
210-00650	Rebuild Timber Deck	Reb Timber Deck	L S		X	X	X	
210-00750	Reset Light Standard	Res Light Standard	EACH	X				
210-00755	Reset Light Standard Steel High Mast	Res Light Standard Steel High Mast	EACH	X				
210-00760	Reset Luminaire	Res Luminaire	EACH	X				
210-00765	Reset Lighting Control	Res Light Ctrl	L S	X				
210-00766	Reset Lighting Control Center	Res Light Ctrl Cntr	EACH	X				
210-00770	Reset Floodlight	Reset Floodlight	EACH	X				
210-00804	Reset Over Height Vehicle Warning Siren	Res Over Height Veh Warn Siren	EACH	X				

210-00805	Reset Overhead Sign Structure	Res Overhead Sign Str	EACH	X				
210-00806	Reset Over Height Vehicle Detector	Res Over Height Veh Detector	EACH	X				
210-00807	Reset Over Height Vehicle Blank Out Sign	Res Over Height Veh Blank Out Sign	EACH	X				
210-00808	Reset Overpass Mounted Sign Bracket	Res Overpass Sign Brkt	EACH	X				
210-00809	Reset Blankout Sign (Fiber Optic)	Res Blank Sign (Fib Opt)	EACH	X				
210-00810	Reset Ground Sign	Res Ground Sign	EACH	X				
210-00815	Reset Sign Panel	Res Sign Panel	EACH	X				
210-00816	Reset Sign Panel (Special)	Res Sign Panel (Spec)	EACH	X				
210-00820	Reset Variable Message Sign	Res Var Mesg Sign	EACH	X				
210-00822	Portable Message Sign Panel (Reset)	Port Msg Sign Panel (Reset)	EACH	X				
210-00825	Reset Flashing Beacon	Res Flashing Beacon	EACH	X				
210-00827	Reset Pull Box	Res Pull Box	EACH	X				
210-00830	Reset Traffic Signal Face	Res Traf Sig Face	EACH	X				
210-00831	Reset Traffic Signal Head	Res Traf Sig Head	EACH	X				
210-00840	Reset Traffic Signal Pole	Res Traf Sig Pole	EACH	X				
210-00842	Reset Traffic Signal Mast Arm	Res Traf Sig Mast Arm	EACH	X				
210-00845	Reset Traffic Signal Controller	Res Traf Sig Cntrlr	EACH	X				
210-00846	Portable Non-Intrusive Traffic Sensor (Reset)	Port Non-Intrus Traf Sens (Reset)	EACH	X				
210-00847	Reset Travel Time Indicator	Res Trav Time Ind	EACH	X				
210-00848	Reset Traffic Signal Controller and Cabinet	Res Traf Sig Control+Cab	EACH	X				
210-00855	Reset Traffic Signal Controller Cabinet	Res Traf Sig Control Cab	EACH	X				
210-00858	Reset Pedestal Pole	Res Pedestal Pole	EACH	X				
210-00859	Modify Pedestrian Push Button	Mod Ped Push Button	EACH		X	X	X	
210-00860	Reset Pedestrian Push Button	Res Ped Push Button	EACH	X				
210-00861	Reset Wiring	Reset Wiring	LS	X				
210-00865	Reset Pedestrian Signal Head	Res Ped Sig Head	EACH	X				
210-00866	Reset Fire Preemption Unit and Timer	Res Fire Preempt Unit+Timer	EACH	X				
210-00867	Reset Fire Preemption Unit	Res Fire Preempt Unit	EACH	X				
210-00870	Reset Coordination Unit	Res Coordination Unit	EACH	X				
210-00873	Reset Tone Decoder	Res Tone Decoder	EACH	X				
210-00875	Reset Surface Condition Analyser	Res Surface Cond Analyser	EACH	X				
210-00880	Reset Traffic Signal Vehicle Detector Amplifier	Res Sig Veh Detector Amp	EACH	X				
210-00882	Reset Traffic Signal Vehicle Detector	Res Detector	EACH	X				
210-00885	Reset Loop Detector (Micro Type)	Res Loop Detector (Micro Type)	EACH	X				
210-00890	Reset Intersection Detection System (Camera)	Res Int Detect Sys (Camera)	EACH	X				
210-00891	Reset Photometer	Reset Photometer	EACH	X				
210-00892	Portable Pan-Tilt-Zoom Camera (Reset)	Port Pan-Tilt-Zoom Cam (Reset)	EACH	X				
210-00900	Reset Traffic Counter (Temp)	Res Traffic Counter (Temp)	EACH	X				
210-00910	Reset Traffic Counter (Permanent)	Res Traffic Counter (Perm)	EACH	X				
210-01000	Reset Fence	Res Fence	LF	X				
210-01001	Modify Fence	Modify Fence	LF		X	X	X	
210-01005	Reset Fence Post	Res Fence Post	EACH	X				

210-01010	Reset Gate Post	Res Gate Post	EACH	X			
210-01011	Reset Gate	Res Gate	EACH	X			
210-01025	Reset Snow Fence	Res Snow Fence	LF	X			
210-01050	Reset Chain Link Fence	Res C L Fence	LF	X			
210-01130	Reset Guardrail Type 3	Res Gdrail Ty 3	LF	X			
210-01131	Reset Guardrail Type 3 (Special)(2 Foot)	Res Gdrail Type 3 (Spec)(2 Ft)	LF	X			
210-01132	Reset Guardrail Type 3 (Special)(1 Foot)	Res Gdrail Ty 3 (Spec)(1 Ft)	LF	X			
210-01136	Reset Guardrail Type 3 (Double)	Res Gdrail Ty 3 (Dbl)	LF	X			
210-01140	Reset Guardrail Type 4	Res Gdrail Ty 4	LF	X			
210-01150	Reset Guardrail Type 5	Res Gdrail Ty 5	LF	X			
210-01160	Reset Guardrail Type 6	Res Gdrail Ty 6	LF	X			
210-01170	Reset Guardrail Type 7	Res Gdrail Ty 7	LF	X			
210-01180	Reset Guardrail (Special)	Reset Guardrail (Special)	LF	X			
210-01190	Reset High-Tension Cable Barrier	Reset High-Tension Cable Barrier	LF	X			
210-01200	Reset End Anchorage	Res End Anchorage	EACH	X			
210-01300	Reset Impact Attenuator	Res Impact Attenuator	EACH	X			
210-01700	Reset Sprinkler Head	Res Sprinkler Head	EACH	X			
210-01710	Reset Valve	Res Valve	EACH	X			
210-01720	Reset Air Vent	Res Air Vent	EACH	X			
210-01730	Reset Parshall Flume	Res Parshall Flume	EACH	X			
210-01996	Relay Pipe (3/4 Inch)	Relay Pipe (3/4 In)	LF		X		X
210-02003	Relay Pipe (3 Inch)	Relay Pipe (3 In)	LF		X		X
210-02004	Relay Pipe (4 Inch)	Relay Pipe (4 In)	LF		X		X
210-02006	Relay Pipe (6 Inch)	Relay Pipe (6 In)	LF		X		X
210-02008	Relay Pipe (8 Inch)	Relay Pipe (8 In)	LF		X		X
210-02012	Relay Pipe (12 Inch)	Relay Pipe (12 In)	LF		X		X
210-02015	Relay Pipe (15 Inch)	Relay Pipe (15 In)	LF		X		X
210-02016	Relay Pipe (16 Inch)	Relay Pipe (16 In)	LF		X		X
210-02018	Relay Pipe (18 Inch)	Relay Pipe (18 In)	LF		X		X
210-02024	Relay Pipe (24 Inch)	Relay Pipe (24 In)	LF		X		X
210-02027	Relay Pipe (27 Inch)	Relay Pipe (27 In)	LF		X		X
210-02030	Relay Pipe (30 Inch)	Relay Pipe (30 In)	LF		X		X
210-02036	Relay Pipe (36 Inch)	Relay Pipe (36 In)	LF		X		X
210-02042	Relay Pipe (42 Inch)	Relay Pipe (42 In)	LF		X		X
210-02048	Relay Pipe (48 Inch)	Relay Pipe (48 In)	LF		X		X
210-02054	Relay Pipe (54 Inch)	Relay Pipe (54 In)	LF		X		X
210-02060	Relay Pipe (60 Inch)	Relay Pipe (60 In)	LF		X		X
210-02066	Relay Pipe (66 Inch)	Relay Pipe (66 In)	LF		X		X
210-02072	Relay Pipe (72 Inch)	Relay Pipe (72 In)	LF		X		X
210-02136	Relay Arch Pipe (36 Inch Equivalent)	Relay Arch Pipe (36 In)	LF		X		X
210-02510	Relay Sprinkler System	Relay Sprinkler System	L S		X	X	X
210-02800	Relay Sidewalk	Relay Sidewalk	SY		X		
210-02804	Grinding: Sidewalk and/or Curb Ramp Repair	Grinding: Sidwlk and/or Curb Ramp Repair	LF	X			
210-02806	Grinding: Slope Correction	Grinding: Slope Correction	SF	X			

210-02900	Relay Riprap	Relay Riprap	CY	X				
210-03100	Replace Concrete Pavement	Replace Conc Pvmnt	SY		X	X	X	
210-04000	Adjust Structure	Adj Structure	EACH		X	X	X	
210-04006	Heat Straightening (Special)	Heat Straightening (Spec)	LS	X				
210-04007	Heat Straightening (Special)	Heat Straightening (Spec)	EACH	X				
210-04010	Adjust Manhole	Adj Manhole	EACH		X	X	X	
210-04011	Adjust Manhole (Special)	Adj Manhole (Spec)	EACH		X	X	X	
210-04015	Modify Manhole	Modify Manhole	EACH		X	X	X	
210-04016	Modify Manhole (Special)	Modify Manhole (Spec)	EACH		X	X	X	
210-04020	Modify Inlet	Modify Inlet	EACH		X	X	X	
210-04022	Modify Inlet (Post Tensioned Slab)	Modify Inlet (Post Tensioned Slab)	EACH		X	X	X	
210-04025	Modify Structure	Modify Structure	EACH		X	X	X	
210-04027	Modify Structure (Special)	Modify Str (Spec)	EACH		X	X	X	
210-04028	Modifications to Existing Portals	Mod to Exist Portals	EACH		X	X	X	
210-04030	Modify Guardrail	Modify Guardrail	LF		X	X	X	
210-04035	Modify Guardrail (Special)	Modify Guardrail (Spec)	LF		X	X	X	
210-04050	Adjust Valve Box	Adj Valve Box	EACH		X	X	X	
210-04051	Adjust Valve Box (Special)	Adj Valve Box (Spec)	EACH		X	X	X	
210-04060	Adjust Water Meter	Adj Water Meter	EACH		X	X	X	
210-04070	Adjust Well	Adjust Well	EACH		X	X	X	
210-04200	Adjust Guardrail	Adj Gdrail	LF		X	X	X	
210-04500	Relocate Building	Relocate Building	LS		X	X	X	
211-00001	Tunnel Excavation	Tunnel Excav	LF	X				
211-00002	Tunnel Excavation (Rock Tunneling)	Tunnel Ex (Rock Tunneling)	LF	X				
211-00005	Tunnel Excavation (Haul)	Tunnel Excav (H)	CY	X				
211-00007	Mine Strap	Mine Strap	EACH					
211-00010	Rock Excavation (Class A)	Rock Ex (CL A)	CY	X				
211-00011	Rock Excavation (Class B)	Rock Ex (CL B)	CY	X				
211-00012	Rock Excavation (Class C)	Rock Ex (CL C)	CY	X				
211-00013	Rock Excavation (Class D)	Rock Ex (CL D)	CY	X				
211-00014	Rock Excavation (Class E)	Rock Ex (CL E)	CY	X				
211-00015	Rock Excavation (Class F)	Rock Ex (CL F)	CY	X				
211-00116	2 Inch Drilled Hole	2 In Drilled Hole	LF	X				
211-00118	2 Inch Drilled Hole (Formation)	2 In Drilled Hole (Formation)	EACH	X				
211-00136	4 Inch Drilled Hole	4 In Drilled Hole	LF	X				
211-00150	Patch Existing Drill Hole	Patch Exist Drill Hole	EACH	X				
211-00152	Drain System Flushing (Setup)	Drain Sys Flush (Setup)	EACH	X				
211-00153	Drain System Flushing	Drain Sys Flush	DAY	X				
211-00212	1-1/2 Inch Core Drilled Hole	1-1/2 In Core Drilled Hole	LF	X				
211-00220	2 Inch Cored Drilled Hole	2 In Cored Drilled Hole	EACH	X				
211-00222	2 Inch Core Drilled Hole (Voids)	2 In Core Drilled Hole (Voids)	EACH	X				
211-00224	3 Inch Core Drilled Hole	3 In Core Drilled Hole	LF	X				
211-00225	4 Inch Core Drilled Hole	4 Inch Core Drilled Hole	LF	X				
211-00972	Spile #9x15 Foot Grade 60 Dowel, Grouted	Spile #9x15 Ft Gr 60 Dwl, Grtd	EACH		X			

211-00974	Arch #9x15 Foot Grade 75 Dowel, Grouted	Arch #9x15 Ft Gr 75 Dwl, Grtd	EACH		X			
211-00976	Sidewall #9x15 Foot Grade 75 Dowel, Grouted	Sidewall #9x15 Ft Gr 75 Dwl, Grtd	EACH		X			
211-00978	Pillar #9x15 Foot Grade 75 Dowel, Grouted	Pillar #9x15 Ft Gr 75 Dwl, Grtd	EACH		X			
211-00980	Spile #9 x 14 Foot, Grade 60 Grouted	Spile #9 x 14 Ft Gr 60 Grouted	EACH		X			
211-00981	Spile #11 x 20 Foot, Grade 60 Grouted	Spile #11 x 20 Ft Gr 60 Grouted	EACH		X			
211-00982	Arch #9 x 16 Foot, Grade 75 Dowel, Resin Grouted	Arch #9 x 16 Ft Gr 75 Dwl Res Grouted	EACH		X			X
211-00983	Sidewall #9 x 12 Foot, Grade 75 Dowel, Resin Grouted	Side #9 x 12 Ft Gr 75 Dwl Res Grouted	EACH		X			X
211-00984	Sidewall #9 x 16 Foot, Grade 75 Dowel, Resin Grouted	Side #9 x 16 Ft Gr 75 Dwl Res Grouted	EACH		X			X
211-00985	Supplemental Rock Reinforcement (Dowels)	Supp Rock Reinf (Dowels)	LF		X			
211-00986	Supplemental Support #9 x 14 Foot, Grade 75 Spile Grouted	Supl Supp #9 x 14 Ft Gr 75 Spile Grouted	LF		X			
211-00987	Pillar #9 x 16 Foot, Grade 75 Dowel Cement or Resin Grouted	Pill #9 x 16 Ft Gr 75 Dwl Cem Res Grout	EACH		X			
211-00988	Portal Protection Canopy (Furnish and Install)	Port Protect Canopy (Furn & Install)	EACH					
211-01008	Rock Bolt (1 Inch)	Rock Bolt (1 In)	LF		X			X
211-01100	Rock Reinforcement (Bolts)	Rock Reinf (Bolts)	EACH		X			X
211-01110	Rock Reinforcement (Dowels)	Rock Reinf (Dowels)	EACH	X				
211-01111	Rock Reinforcement (Dowels)	Rock Reinf (Dowels)	LF	X				
211-01115	Rock Reinforcement (Number 10)	Rock Reinf (No.10)	LF	X	X	X		X
211-01121	Rock Reinforcement (Temporary A)	Rock Reinf (Temp A)	LF	X				
211-01122	Rock Reinforcement (Temporary B)	Rock Reinf (Temp B)	LF	X				
211-01123	Rock Reinforcement (Permanent A)	Rock Reinf (Perm A)	LF	X	X	X		X
211-01124	Rock Reinforcement (Permanent B)	Rock Reinf (Perm B)	LF	X	X	X		X
211-01130	Auxiliary Anchor Dowel	Auxil Anchor Dowel	EACH	X				
211-01150	Rock Reinforcement Tests	Rock Reinf Tests	EACH	X				
211-01160	Trial Pull Test	Trial Pull Test	EACH	X				
211-01170	Borehole Extensometers	Borehole Extensometers	LF		X	X		
211-01180	Pressure Cell Pairs	Pressure Cell Pairs	EACH		X	X		
211-01190	Optical Survey Targets	Optical Survey Targets	EACH		X	X		X
211-01195	Convergence Reference Point Arrays	Conv Ref Point Arrays	EACH		X	X		
211-01200	Rock Anchor	Rock Anchor	LF		X			X
211-01250	Rock Bolt	Rock Bolt	LF		X			X
211-01300	Rock Anchor	Rock Anchor	EACH		X			X
211-01409	Rock Anchor (9 Foot)	Rock Anchor (9 Ft)	EACH		X			X
211-01450	Portable Rockfall Fence	Portable Rockfall Fence	L S	X				
211-01456	Rock Tiedown Anchor (Cement Grouted)	Rock Tiedown Anchor (Cem Gr)	EACH		X			X
211-02012	Soil Anchor (1-1/4 Inch)	Soil Anchor (1-1/4 In)	LF		X			X
211-02116	Rock Dowel	Rock Dowel	LF		X			X

211-02210	Pre Grouting	Pre Grouting	TON	X				
211-02230	Grouting Connection	Grout Conn	EACH	X				
211-02232	Grouting Connection (Pre-Grout)	Grout Conn (Pre-Grout)	EACH	X				
211-02233	Grouting Connection (Contact Grout)	Grout Conn (Contact Grout)	EACH	X				
211-02260	Chemical Grout	Chemical Grout	GAL	X				
211-02270	Cement Grout	Cement Grout	CF	X				
211-02275	Cement Grout	Cement Grout	CY	X				
211-02277	Cement Grout (Voids)	Cement Grout (Voids)	CY	X				
211-02278	Cement Grout (Formation)	Cement Grout (Formation)	CY	X				
211-02300	Grout Test Section	Grout Test Sct	SY	X				
211-03001	Dewatering Special	Dewatering Special	MGAL	X				
211-03005	Dewatering	Dewatering	L S	X				
211-04000	Monitoring and Abandonment of Instrumentation	Monitor and Abandon of Instrument	L S					
211-05001	Crack Preparation (Type 1)	Crack Preparation (Type 1)	LF	X				
211-05002	Crack Preparation (Type 2)	Crack Preparation (Type 2)	LF	X				
211-05003	Crack Preparation (Type 3)	Crack Preparation (Type 3)	LF	X				
212-00005	Seeding (Native)	Seeding (Native)	LB	X				
212-00006	Seeding (Native)	Seeding (Native)	ACRE	X				
212-00007	Seeding (Native) (Hydraulic)	Seeding (Native) (Hydraulic)	ACRE	X				
212-00008	Seeding (Temporary) Pneumatic	Seeding (Temporary) Pneumatic	ACRE	X				
212-00009	Seeding (Temporary)	Seeding (Temporary)	ACRE	X				
212-00010	Seeding (Lawn)	Seeding (Lawn)	LB	X				
212-00011	Seeding (Lawn)	Seeding (Lawn)	ACRE	X				
212-00012	Seeding (Furnished)	Seeding (Furnished)	ACRE	X				
212-00015	Seeding (Forbs)	Seeding (Forbs)	LB	X				
212-00020	Seeding (Forbs)	Seeding (Forbs)	OZ	X				
212-00022	Seeding (Riparian)	Seeding (Riparian)	ACRE	X				
212-00023	Seeding (Upland Forest)	Seeding (Upland Forest)	ACRE	X				
212-00024	Seeding (Upland Grassland)	Seeding (Upland Grassland)	ACRE	X				
212-00025	Seeding (Shrubs)	Seeding (Shrubs)	LB	X				
212-00027	Seeding (Trees)	Seeding (Trees)	LB	X				
212-00028	Seeding (Wetlands)	Seeding (Wetlands)	ACRE	X				
212-00032	Soil Conditioning	Soil Conditioning	ACRE	X				
212-00040	Soil Preparation (Lawn)	Soil Preparation (Lawn)	ACRE	X				
212-00047	Soil Preparation (Special)	Soil Preparation (Spec)	ACRE	X				
212-00048	Soil Preparation (Special)	Soil Preparation (Spec)	CY	X				
212-00050	Sod	Sod	SF	X				
212-00055	Sod (Buffalograss)	Sod (Buffalograss)	SF	X				
212-00100	Tree Retention and Protection	Tree Retention and Protection	L S	X	X	X	X	
.	Compost (Pneumatically Applied)	Compost (Pneumatically Applied)	CY	X				
212-00700	Organic Fertilizer	Organic Fertilizer	LB	X				
212-00701	Compost (Mechanically Applied)	Compost (Mech App)	CY	X				

212-00702	Biotic Soil Amendments (Hydraulically Applied)	Bio Soil Amd (Hyd App)	LB	X				
212-00703	Humate	Humate	LB	X				
212-00704	Mycorrhizae	Mycorrhizae	LB	X				
212-00705	Elemental Sulfur	Elemental Sulfur	LB	X				
212-00706	Seeding (Native) Drill	Seed (Native) Drill	ACRE	X				
212-00707	Seeding (Native) Hydraulic	Seed (Native) Hyd	ACRE	X				
212-00708	Seeding (Native) Broadcast	Seed (Native) Brdcst	ACRE	X				
212-00709	Seeding (Wetland) Drill	Seeding (Wetland) Drill	ACRE	X				
212-00710	Seeding (Wetland) Hydraulic	Seeding (Wetland) Hydraulic	ACRE	X				
212-00711	Seeding (Wetland) Broadcast	Seeding (Wetland) Broadcast	ACRE	X				
212-00900	Compost	Compost	CY	X				
212-01200	Landscape Restoration	Landscape Restoration	L S	X				
213-00000	Mulching	Mulching	ACRE	X				
213-00001	Mulching	Mulching	TON	X				
213-00002	Mulching (Weed Free Hay)	Mulching (Weed Free Hay)	ACRE	X				
213-00003	Mulching (Weed Free)	Mulching (Weed Free)	ACRE	X				
213-00004	Mulching (Weed Free Straw)	Mulching (Weed Free Straw)	ACRE	X				
213-00005	Mulching (Decorative)	Mulching (Decorative)	CF	X				
213-00006	Mulching (Weed Free)	Mulching (Weed Free)	TON	X				
213-00007	Mulching (Wood Strand)	Mulching (Wood Strand)	ACRE				X	
213-00008	Mulching (Wood Chip)	Mulching (Wood Chip)	CF				X	
213-00009	Flexible Growth Medium	Flexible Growth Medium	ACRE					
213-00011	Mulching (Hydraulic)	Mulching (Hydraulic)	ACRE					
213-00012	Spray-on Mulch Blanket	Spray-on Mulch Blanket	ACRE					
213-00013	Spray-on Mulch Blanket	Spray-on Mulch Blanket	LB					
213-00016	Mulching Pelletized Material (Waterless Application)	Mulching Pelletized Matl (Waterless Appl)	ACRE					
213-00061	Mulch Tackifier	Mulch Tackifier	LB					
213-00065	Inorganic Mulch	Inorg Mulch	CY					
213-00066	Mulch (Paper Base)	Mulch (Paper Base)	ACRE	X				
213-00067	Rock Mulch (Weed Free)	Rock Mulch (Weed Free)	SF					
213-00070	Landscape Weed Barrier Fabric	Landscape Weed Barr Fabric	SY			X		X
213-00071	Vegetation Control Mat	Vegetation Control Mat	SY			X		X
213-00150	Bonded Fiber Matrix	Bonded Fiber Matrix	ACRE	X	X	X		X
213-00151	Bonded Fiber Matrix	Bonded Fiber Matrix	LB	X	X	X		X
213-00212	12 Inch Root Barrier	12 In Root Barrier	LF		X			X
213-00218	18 Inch Root Barrier	18 In Root Barrier	LF		X			X
213-00300	Concrete Landscape Border	Conc Landscape Border	LF	X	X			
213-00400	Metal Landscape Border (Install Only)	Inst Landscape Border	LF	X				
213-00440	Metal Landscape Border (1/8x4 Inch)	Landscape Border (1/8x4 In)	LF		X			X
213-00460	Metal Landscape Border (3/16x4 Inch)	Landscape Border (3/16x4 In)	LF		X			X
213-00462	Metal Landscape Border (3/16 X 5-1/2 Inch)	Landscape Border (3/16x5-1/2 In)	LF		X			X
213-00468	Metal Landscape Border (3/16x10 Inch)	Landscape Border (3/16x10 In)	LF		X			X

213-00470	Metal Landscape Border (1/4x5 Inch)	Landscape Border (1/4x5 In)	LF		X		X
213-00500	Tree Grate	Tree Grate	EACH		X		X
213-00510	Tree Grate (Install Only)	Inst Tree Grate	EACH	X			
213-00600	Landscape Log	Landscape Log	LF				X
213-00610	Landscape Log	Landscape Log	EACH				X
213-00700	Landscape Boulder	Landscape Boulder	EACH	X			
213-00705	Landscape Boulder (Special)	Landscape Boulder (Special)	EACH	X			
213-00800	Brush Fill	Brush Fill	CY	X	X	X	X
214-00000	Landscape Maintenance	Landscape Maintenance	L S	X			
214-00001	Landscape Maintenance (2018)	Landscape Maintenance (2018)	L S	X			
214-00002	Landscape Maintenance (2019)	Landscape Maintenance (2019)	L S	X			
214-00003	Landscape Maintenance (2020)	Landscape Maintenance (2020)	L S	X			
214-00004	Landscape Maintenance (Cedar Cove)	Landscape Maintenance (Cedar Cove)	L S	X			
214-00005	Landscape Maintenance (24 Month)	Landscape Maintenance (24 Month)	L S	X			
214-00008	Extended Landscape Preservation	Extended Landscape Preservation	L S	X	X	X	X
214-00010	Temporary Irrigation	Temp Irrigation	L S	X			
214-00145	Plant Protection Fence	Plant Protect Fence	LF		X		X
214-00155	Plant (Ball and Burlap)	Plant (B and B)	EACH	X			
214-00160	Plant (Ball and Burlap) (Furnish Only)	Furn Plant (B and B)	EACH	X			
214-00161	Plant (Ball and Burlap) (Install Only)	Inst Plant (B and B)	EACH	X			
214-00201	Deciduous Tree (Tubeling)	Deciduous Tree (Tubeling)	EACH	X			
214-00205	Deciduous Tree (#5 Container)	Deciduous Tree (#5 Container)	EACH	X			
214-00210	Deciduous Tree (1 Inch Caliper)	Deciduous Tree (1 In C)	EACH	X			
214-00215	Deciduous Tree (1.5 Inch Caliper)	Deciduous Tree (1.5 In C)	EACH	X			
214-00217	Deciduous Tree (1.5 Inch Caliper) (Furnish Only)	Furn Decid Tree (1.5 In C)	EACH	X			
214-00220	Deciduous Tree (2 Inch Caliper)	Deciduous Tree (2 In C)	EACH	X			
214-00222	Deciduous Tree (2 Inch Caliper) (Furnish Only)	Decid Tree (2 In Cal) (Furnish)	EACH	X			
214-00225	Deciduous Tree (2.5 Inch Caliper)	Deciduous Tree (2.5 In C)	EACH	X			
214-00227	Deciduous Tree (2.5 Inch Caliper) (Furnish Only)	Furn Deciduous Tree (2.5 In C)	EACH	X			
214-00230	Deciduous Tree (3 Inch Caliper)	Deciduous Tree (3 In C)	EACH	X			
214-00235	Deciduous Tree (3.5 Inch Caliper)	Deciduous Tree (3.5 In C)	EACH	X			
214-00240	Deciduous Tree (4 Inch Caliper)	Deciduous Tree (4 In C)	EACH	X			
214-00260	Deciduous Tree (6 Foot)	Deciduous Tree (6 Ft)	EACH	X			
214-00262	Deciduous Tree (6 Foot) (Furnish Only)	Furn Decid Tree (6 Ft)	EACH	X			
214-00280	Deciduous Tree (8 Foot)	Deciduous Tree (8 Ft)	EACH	X			
214-00282	Deciduous Tree (8 Foot) (Furnish Only)	Furn Decid Tree (8 Ft)	EACH	X			
214-00301	Deciduous Shrub (Tubeling)	Deciduous Shrub (Tubeling)	EACH	X			

214-00310	Deciduous Shrub (#1 Container)	Deciduous Shrub (#1 Container)	EACH	X				
214-00320	Deciduous Shrub (#2 Container)	Deciduous Shrub (#2 Container)	EACH	X				
214-00330	Deciduous Shrub (#3 Container)	Deciduous Shrub (#3 Container)	EACH	X				
214-00350	Deciduous Shrub (#5 Container)	Deciduous Shrub (#5 Container)	EACH	X				
214-00365	Plant (2 1/2 Inch Caliper) (Furnish Only)	Furn Plant (2.5 C)	EACH	X				
214-00370	Deciduous Shrub (#7 Container)	Deciduous Shrub (#7 Container)	EACH	X				
214-00401	Evergreen Tree (Tubeling)	Evergreen Tree (Tubeling)	EACH	X				
214-00410	Evergreen Tree (#1 Container)	Evergreen Tree (#1 Container)	EACH	X				
214-00450	Evergreen Tree (#5 Container)	Evergreen Tree (#5 Container)	EACH	X				
214-00455	Evergreen Tree (#5 Container) (Install Only)	Install Evergreen Tree (#5 Container)	EACH	X				
214-00470	Evergreen Tree (#7 Container)	Evergreen Tree (#7 Container)	EACH	X				
214-00502	Evergreen Tree (2 Foot) (Ball and Burlap)	Evergreen Tree (2 Ft)(B-B)	EACH	X				
214-00504	Evergreen Tree (4 Foot) (Ball and Burlap)	Evergreen Tree (4 Ft)(B-B)	EACH	X				
214-00505	Evergreen Tree (4 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (4 Ft)(B-B)	EACH	X				
214-00506	Evergreen Tree (6 Foot) (Ball and Burlap)	Evergreen Tree (6 Ft)(B-B)	EACH	X				
214-00507	Evergreen Tree (6 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (6 Ft)(B-B)	EACH	X				
214-00508	Evergreen Tree (8 Foot) (Ball and Burlap)	Evergreen Tree (8 Ft)(B-B)	EACH	X				
214-00509	Evergreen Tree (8 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (8 Ft)(B-B)	EACH	X				
214-00510	Evergreen Tree (10 Foot) (Ball and Burlap)	Evergreen Tree(10 Ft)(B-B)	EACH	X				
214-00511	Evergreen Tree (10 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (10 Ft)(B-B)	EACH	X				
214-00512	Evergreen Tree (12 Foot) (Ball and Burlap)	Evergreen Tree(12 Ft)(B-B)	EACH	X				
214-00514	Evergreen Tree (14 Foot) (Ball and Burlap)	Evergreen Tree(14 Ft)(B-B)	EACH	X				
214-00601	Evergreen Shrub (Tubeling)	Evergreen Shrub (Tubeling)	EACH	X				
214-00610	Evergreen Shrub (#1 Container)	Evergreen Shrub (#1 Container)	EACH	X				
214-00630	Evergreen Shrub (#3 Container)	Evergreen Shrub (#3 Container)	EACH	X				
214-00650	Evergreen Shrub (#5 Container)	Evergreen Shrub (#5 Container)	EACH	X				
214-00670	Evergreen Shrub (#7 Container)	Evergreen Shrub (#7 Container)	EACH	X				
214-00701	Broadleaf Evergreen Shrub (Tubeling)	Brdlf Evgrn Shrub (Tubeling)	EACH	X				
214-00710	Broadleaf Evergreen Shrub (#1 Container)	Brdlf Evgrn Shrub (#1 Container)	EACH	X				
214-00730	Broadleaf Evergreen Shrub (#3 Container)	Brdlf Evgrn Shrub (#3 Container)	EACH	X				

214-00750	Broadleaf Evergreen Shrub (#5 Container)	Brdlf Evrgrn Shrub (#5 Container)	EACH	X				
214-00770	Broadleaf Evergreen Shrub (#7 Container)	Brdlf Evrgrn Shrub (#7 Container)	EACH	X				
214-00801	Ground Cover Vines (Tubeling)	Gr Cover Vines (Tubeling)	EACH	X				
214-00805	Ground Cover Vines (#Small Pot 2) (2.25 Inch)	Gr Cover Vines (#SP 2)	EACH	X				
214-00810	Ground Cover Vines (#1 Container)	Gr Cover Vines (#1 Container)	EACH	X				
214-00850	Ground Cover Vines (#5 Container)	Gr Cover Vines (#5 Container)	EACH	X				
214-00901	Perennials (Tubeling)	Perennials (Tubeling)	EACH	X				
214-00905	Perennials (#Small Pot 2) (2.25 Inch)	Perennials (#SP 2)	EACH	X				
214-00908	Perennials (#Small Pot 4) (Approx. 4 to 4.75 inch)	Perennials (#SP 4)	EACH	X				
214-00910	Perennials (#1 Container)	Perennials (#1 Container)	EACH	X				
214-00950	Perennials (#5 Container)	Perennials (#5 Container)	EACH	X				
214-01000	Bulb	Bulb	EACH	X				
214-01009	Brush Windrow	Brush Windrow	LF	X				
214-01010	Brush Layer Cutting	Brush Layer Cutting	EACH	X				
214-01011	Live Brush Mattress	Live Brush Mattress	LF	X				
214-01012	Live Brush Fascine	Live Brush Fascine	LF	X				
214-01013	Live Willow Stakes	Live Willow Stakes	EACH				X	
214-01014	Live Willow Brush	Live Willow Brush	EACH	X				
214-01015	Willow Cuttings	Willow Cuttings	EACH	X				
214-01016	Live Willow Poles	Live Willow Poles	EACH		X		X	
214-01018	Live Brush Soil Lift	Live Brush Soil Lift	LF	X				
214-01019	Single Soil Lift	Single Soil Lift	LF	X				
214-01020	Hedge Layer Plant	Hedge Layer Plant	EACH	X				
214-01025	Dormant Log Cutting	Dormant Log Cutting	EACH					
214-01031	Facines	Facines	EACH				X	
214-01032	Large Woody Material	Large Woody Material	EACH				X	
214-01130	Beaver Dam Analog	Beaver Dam Analog	LF				X	
214-01140	Plant Shade Shelter	Plant Shade Shelter	EACH	X	X	X	X	
214-01200	Plant (Tubeling)	Plant (Tubeling)	EACH	X				
214-01210	Plant (Tubeling) (Furnish Only)	Furn Plant (Tubeling)	EACH	X				
214-01215	Plant (Tubeling) (Install Only)	Inst Plant (Tubeling)	EACH	X				
214-01220	Plant (Bareroot) (Furnish Only)	Furn Plant (Bareroot)	EACH	X				
214-01225	Plant (Bareroot) (Install Only)	Inst Plant (Bareroot)	EACH	X				
214-01227	Rootwad	Rootwad	EACH				X	
214-01228	Riprap Planting Pocket	Riprap Planting Pocket	EACH	X				
214-01229	Wetland Sod Mat	Wetland Sod Mat	SF	X	X	X	X	
214-01230	Plant (#Small Pot 2) (2.25 inch) (Furnish Only)	Furn Plant (#SP 2)	EACH	X				
214-01235	Plant (#Small Pot 2) (2.25 inch) (Install Only)	Inst Plant (#SP 2)	EACH	X				
214-01310	Plant (#1 Container) (Furnish Only)	Furn Plant (#1 Container)	EACH	X				
214-01315	Plant (#1 Container) (Install Only)	Inst Plant (#1 Container)	EACH	X				
214-01350	Plant (#5 Container) (Furnish Only)	Furn Plant (#5 Container)	EACH	X				
214-01355	Plant (#5 Container) (Install Only)	Inst Plant (#5 Container)	EACH	X				

214-01370	Plant (#7 Container) (Furnish Only)	Furn Plant (#7 Container)	EACH	X				
214-01375	Plant (#7 Container) (Install Only)	Inst Plant (#7 Container)	EACH	X				
214-01401	Deep Rooted Container (DRC #10)	DRC #10	EACH	X				
214-01402	Deep Rooted Container (DRC #40)	DRC #40	EACH	X				
214-01403	Deep Rooted Container (DRC #60)	DRC #60	EACH	X				
214-01404	Deep Rooted Container (DRC #180)	DRC #180	EACH	X				
214-01410	Small Pot Container (#SP 4)	#SP 4	EACH	X				
214-01420	Standard Nursery Container (#1 Container)	#1 Container	EACH	X				
214-01421	Standard Nursery Container (#5 Container)	#5 Container	EACH	X				
214-01422	Standard Nursery Container (#10 Container)	#10 Container	EACH	X				
215-00000	Transplant Shrub	Transplant Shrub	EACH	X				
215-00001	Transplant Shrub	Transplant Shrub	SY	X				
215-00010	Transplant Tree	Transplant Tree	EACH	X				
215-00030	Transplant Tree (1.5 to 3 Inch)	Transplant Tree (1.5-3 In)	EACH	X				
215-00060	Transplant Tree (3 to 6 Inch)	Transplant Tree (3-6 In)	EACH	X				
215-00100	Transplant Tree (Over 6 Inch)	Transplant Tree (6+ In)	EACH	X				
215-00200	Transplant Tree (Ball and Burlap)	Transplant Tree (B-B)	EACH	X				
215-00500	Transplant Seedling	Transplant Seedling	EACH	X				
215-00600	Transplant Plug	Transplant Plug	EACH	X				
215-00700	Transplant Sod	Transplant Sod	SY	X				
216-00013	Mulch Netting (Plastic)	Mulch Netting (Plastic)	SY				X	
216-00015	Soil Retention Blanket (Excelsior)	Soil Reten Blanket (Excel)	SY			X		
216-00021	Soil Retention Blanket (Class 1)	Soil Reten Blanket (Cl 1)	SY			X		
216-00022	Soil Retention Blanket (Class 2)	Soil Reten Blanket (Cl 2)	SY			X		
216-00023	Soil Retention Blanket (Class 3)	Soil Reten Blanket (Cl 3)	SY			X		
216-00030	Soil Retention Blanket (Special)	Soil Reten Blanket (Spec)	SY			X		
216-00035	Soil Retention Blanket (Plastic)	Soil Reten Blanket (Plastic)	SY			X		
216-00036	Soil Retention Blanket (Plastic)(Special)	Soil Reten Blanket (Plastic) (Spec)	SY			X		
216-00037	Soil Retention Blanket (Coconut)	Soil Reten Blanket (Coconut)	SY			X		
216-00039	Soil Retention Blanket (Straw)	Soil Reten Blanket (Straw)	SY			X		
216-00041	Soil Retention Blanket (Straw/Coconut)	Soil Reten Blanket (S/C)	SY			X		
216-00042	Soil Retention Blanket (Biodegradable Straw/Coconut)	Soil Reten Blanket (BioD S/C)	SY			X		
216-00045	Soil Retention Mat (Cellular)	Soil Reten Mat (Cell)	SY			X		
216-00047	Soil Wrap (Coir and Jute)	Soil Wrap (Coir and Jute)	SY				X	
216-00050	Soil Retention Grid	Soil Reten Grid	SY				X	
216-00060	Soil Retention System	Soil Reten System	SY	X	X	X	X	
216-00066	Concrete Block Soil Retention System	Concrete Block SRS	SY		X		X	
216-00070	Geocell Cellular Confinement System	Geocell Confinement Sys	SY				X	
216-00101	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	Soil Reten Blanket (S-C) (PhotoD Cl 1)	SY			X		
216-00111	Soil Retention Blanket (Excelsior) (Photodegradable Class 1)	Soil Reten Blanket (Excel) (PhotoD Cl 1)	SY			X		
216-00122	Soil Retention Blanket (Coconut)(Photodegradable Class 2)	Soil Reten Blanket(Coconut) (PhotoD Cl 2)	SY			X		

216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	Soil Reten Blanket (S-C)(BioD Cl 1)	SY				X	
216-00202	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 2)	Soil Reten Blanket (S-C)(BioD Cl 2)	SY				X	
216-00211	Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	Soil Reten Blanket (Exc)(BioD Cl 1)	SY				X	
216-00221	Soil Retention Blanket (Coconut) (Biodegradable Class 1)	Soil Reten Blanket (C)(BioD Cl 1)	SY				X	
216-00222	Soil Retention Blanket (Coconut) (Biodegradable Class 2)	Soil Reten Blanket (C)(BioD Cl 2)	SY				X	
216-00230	Earth Anchors	Earth Anchors	EACH				X	
216-00301	Turf Reinforcement Mat (Class 1)	Turf Reinf Mat (Cl 1)	SY				X	
216-00302	Turf Reinforcement Mat (Class 2)	Turf Reinf Mat (Cl 2)	SY				X	
216-00303	Turf Reinforcement Mat (Class 3)	Turf Reinf Mat (Cl 3)	SY				X	
216-00304	Turf Reinforcement Mat (Special)	Turf Reinforcement Mat (Special)	SY				X	
216-00306	Coir Mat	Coir Mat	SY					X
217-00000	Herbicide Treatment	Herbicide Treatment	SY	X				
217-00010	Pre-Emergent Herbicide	Pre-Emergent Herbicide	SY	X				
217-00015	Noxious Weed Management	Noxious Weed Management	SY	X				
217-00020	Herbicide Treatment	Herbicide Treatment	HOUR	X				
217-00100	Root Control Fabric	Root Control Fabric	LF					X
218-00000	Noxious Weed Management	Noxious Weed Management	LS	X				
240-00000	Wildlife Biologist	Wildlife Biologist	HOUR	X				
240-00001	Wildlife Biologist	Wildlife Biologist	DAY	X				
240-00010	Removal of Nests	Rem of Nests	HOUR	X				
240-00015	Protection of Migratory Birds	Protect Migratory Birds	HOUR	X				
240-00017	Protection of Migratory Birds	Protect Migratory Birds	LS	X	X	X	X	X
240-00020	Netting	Netting	SY	X	X	X	X	X
240-00100	Prairie Dog Management	Prairie Dog Mgmt	LS	X				
240-00200	Bat House	Bat House	EACH				X	X
250-00010	Environmental Health and Safety Management	Envir Health/Safety Mngmt	LS	X				
250-00050	Monitoring Technician	Monitoring Technician	HOUR	X				
250-00100	Environmental Health and Safety	Environmental Health and Safety	LS	X				
250-00110	Health and Safety Officer	Health and Safety Officer	HOUR	X				
250-00120	Material Sampling and Delivery	Material Sampling and Delivery	EACH	X				
250-00200	Material Handling (Stockpile)	Material Handling (Stockpile)	CY	X				
250-00204	Materials Management Plan	Materials Management Plan	LS	X				
250-00210	Solid Waste Disposal	Solid Waste Disposal	CY	X				
250-00215	Solid Waste Disposal (Special)	Solid Waste Disposal (Spec)	CY	X				
250-00220	Hazardous Waste Disposal	Hazardous Waste Disposal	CY	X				
250-00224	Hazardous Waste Disposal (Radioactive)	Hazardous Waster Disposal (Radioactive)	CY	X				
250-00230	Trap and Treat BOS-200, gypsum dry weight	Trap and Treat BOS-200	LB	X			X	
250-00235	Coating Lead-Based Paint	Coating Lead-Based Paint	GAL	X				

250-00240	Subsurface Bioenhancement Injection	Subsurface Bioenhancement Inj	EACH	X		X		
250-00300	Water Treatment System	Water Treatment System	EACH	X	X	X	X	
250-00310	Water Treatment	Water Treatment	MGAL	X				
250-10005	Custom Fire Extinguisher Cabinet	Custom Fire Extinguisher Cab	EACH		X	X	X	
250-10023	Fire Preemption Unit (Install Only)	Inst Fire Preempt Unit	EACH	X				
251-00000	Paint Testing and Analysis Management	Paint Testing and Analysis Mngmt	LS	X				
301-06000	Plant Mix Bituminous Base (Class 6)	PMBB (CL 6)	TON	X				
301-06020	Plant Mix Bituminous Base (Class 6) (Asphalt)	PMBB (CL 6) (Asph)	TON	X				
301-10020	Permeable Asphalt Treated Base (Asphalt)	PATB (Asph)	TON	X				
304-01000	Aggregate Base Course (Class 1)	ABC (CL 1)	TON	X				
304-01005	Aggregate Base Course (Class 1)	ABC (CL 1)	CY	X				
304-02000	Aggregate Base Course (Class 2)	ABC (CL 2)	TON	X				
304-02005	Aggregate Base Course (Class 2)	ABC (CL 2)	CY	X				
304-02027	Aggregate Base Course (Class 2) (Furnish Only)	ABC (CL 2) (Furn Only)	CY	X				
304-03000	Aggregate Base Course (Class 3)	ABC (CL 3)	TON	X				
304-03005	Aggregate Base Course (Class 3)	ABC (CL 3)	CY	X				
304-03006	Aggregate Base Course (Class 3) (Special)	ABC (CL 3) (Spec)	TON	X				
304-04000	Aggregate Base Course (Class 4)	ABC (CL 4)	TON	X				
304-05000	Aggregate Base Course (Class 5)	ABC (CL 5)	TON	X				
304-05006	Aggregate Base Course (Class 5)(Special)	ABC (CL 5)(Spec)	SY	X				
304-05009	Aggregate Base Course (Class 5)(Special)	ABC (CL 5)(Spec)	TON	X				
304-06000	Aggregate Base Course (Class 6)	ABC (CL 6)	TON	X				
304-06004	Aggregate Base Course (Class 6)	ABC (CL 6)	SY	X				
304-06007	Aggregate Base Course (Class 6)	ABC (CL 6)	CY	X				
304-06008	Aggregate Base Course (Class 6) (Special)	ABC (CL 6) (Spec)	CY	X				
304-06009	Aggregate Base Course (Class 6) (Special)	ABC (CL 6) (Spec)	TON	X				
304-06010	Aggregate Base Course (Class 6)(Special) (Furnish Only)	ABC (CL 6)(Spec)(Furn Only)	CY	X				
304-06011	Aggregate Base Course (Class 6) (Special)(Install Only)	ABC (CL 6)(Spec)(Install Only)	CY	X				
304-06020	Aggregate Base Course (Class 6) (Furnish Only)	ABC (CL 6) (Furn Only)	TON	X				
304-06027	Aggregate Base Course (Class 6) (Furnish Only)	ABC (CL 6) (Furn Only)	CY	X				
304-07000	Aggregate Base Course (Class 7)	ABC (CL 7)	TON	X				
304-07005	Aggregate Base Course (Class 7)	ABC (CL 7)	CY	X				
304-07009	Aggregate Base Course (Class 7) (Special)	ABC (CL 7) (Spec)	TON	X				
304-07010	Aggregate Base Course (Class 7) (Special)	ABC (CL 7) (Spec)	CY	X				
304-08000	Aggregate Base Course (Shoulder Material)	ABC (Shoulder Material)	TON	X				
304-08002	Aggregate Base Course (Shoulder Material)	ABC (Shoulder Material)	CY	X				
304-09000	Aggregate Base Course (Special)	ABC (Spec)	CY	X				
304-09001	Aggregate Base Course (Special) (Install Only)	ABC (Spec) (Install Only)	CY	X				
304-09002	Aggregate Base Course (Special)(Furnish Only)	ABC (Spec)(Furnish Only)	CY	X				
304-09006	Aggregate Base Course (Special)	ABC (Spec)	SY	X				
304-09014	Aggregate Base Course (Special)	ABC (Spec)	TON	X				
304-09020	Permeable Aggregate Base Course	ABC (Permeable)	TON	X				

304-09055	Aggregate Base Course (Blotter Material)	ABC (Blotter)	TON	X				
304-09100	Aggregate Base Course (Recycled Asphalt Pavement)	ABC (RAP)	TON	X				
304-09102	Aggregate Base Course (Recycled Asphalt Pavement)	ABC (RAP)	CY	X				
304-09200	Stockpile Aggregate Base Course (Special)	Stockpile ABC (Spec)	TON	X				
304-09220	Stockpile Aggregate Base Course (Special)	Stockpile ABC (Spec)	L S	X				
306-00000	Reconditioning	Reconditioning	MILE	X				
306-01000	Reconditioning	Reconditioning	SY	X				
307-00000	Hydrated Lime	Hydrated Lime	TON	X				
307-00075	Fly Ash	Fly Ash	TON	X				
307-00200	Processing Lime Treated Subgrade	Lime Tr Subgrade	SY	X				
307-00208	Processing Lime Treated Subgrade (8 Inch)	Lime Tr Subgrade (8 In)	SY	X				
307-00212	Processing Lime Treated Subgrade (12 Inch)	Lime Tr Subgrade (12 In)	SY	X				
307-00250	Processing Fly Ash Treated Subgrade	Fly Ash Tr Subgrade	SY	X				
308-00100	Processing Cement Treated Base	Cement Tr Base	SY	X				
308-00300	Stabilized Subgrade	Stabilized Subgrade	SY	X	X	X	X	
								BA required for iron / steel per FMM requirements.
								BABA if plastic/polymer based product
308-00500	Fiber Reinforced Soilcrete	Fiber Reinf Soilcrete	CY		X		X	
308-09000	Lean Concrete	Lean Concrete	CY	X				
309-10600	Lean Concrete Base (6 Inch)	Lean Concrete Base (6 In)	SY	X				
310-00400	Process Asphalt Mat For Base Course	Process Asphalt Mat For Base Course	SY	X				
310-00500	Full Depth Reclamation of Hot Mix Asphalt Pavement	Full Depth Reclam of Hot Mix Asph Pvmnt	SY	X				
310-00608	Full Depth Reclamation of Hot Mix Asphalt Pavement (0-8")	Full Depth Reclam. of HMA Pvmnt (0-8 in.)	SY	X				
310-00610	Full Depth Reclamation of Hot Mix Asphalt Pavement (8-12")	Full Depth Reclam. of HMA Pvmnt (8-12 in)	SY	X				
310-00614	Full Depth Reclamation Of Hot Mix Asphalt Pavement (12-16")	Full Depth Reclam of HMA Pvmnt (12-16 in)	SY	X				
310-00700	Asphalt Emulsion Full Depth Reclamation	Asphalt Emulsion Full Depth Reclamation	SY	X				
310-00800	Process Cement Treated Full Depth Reclamation	Process Cem Tr Full Depth Reclam	SY	X				
310-00900	Hydraulic Cement	Hydraulic Cement	TON	X				
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	HMA (Patching) (Asph)	TON	X				
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	HMA (Patching) (Asph)	SY	X				
403-00722	Hot Mix Asphalt (Patching)(Asphalt)(Special)	HMA (Patching)(Asph)(Spec)	LF	X				
403-00800	Emergency Pothole Repair	Emerg Pothole Rep	TON	X				
403-01000	Hot Mix Asphalt (Asphalt) (3 Year Warranty)	HMA (Asph) (3 Yr Warranty)	TON	X				
403-01001	Hot Mix Asphalt 3 Year Warranty	HMA 3 Yr Warranty	L S	X				
403-01010	Hot Mix Asphalt (Asphalt) (5 Year Warranty)	HMA (Asph) (5 Yr Warranty)	TON	X				
403-01011	Hot Mix Asphalt 5 Year Warranty	HMA 5 Yr Warranty	L S	X				
403-01014	Hot Mix Asphalt 10 Year Warranty	HMA 10 Yr Warranty	SY	X				
403-01020	Warranted Hot Mix Asphalt System (10 Year)	Warranted HMA (10 Year)	SY	X				

403-01050	Warranted Hot Mix Asphalt System (5 Year)	Warranted HMA (5 Year)	TON	X			
403-02000	Hot Mix Asphalt (Special)	HMA (Spec)	TON	X			
403-05000	Hot Mix Asphalt (Reflective Crack Interlayer)	HMA (RCI)	TON	X			
403-09210	Stone Matrix Asphalt	SMA	TON	X			
403-09221	Stone Matrix Asphalt (Fibers)(Asphalt)	SMA (Fibers)(Asph)	TON	X			
403-09226	Stone Matrix Asphalt (Asphalt)(Polymer Modified)	SMA (Asph)(P)	TON	X			
403-09500	Furnish Hot Mix Asphalt	Furnish HMA	TON	X			
403-09551	Place Hot Mix Asphalt	Place HMA	HOUR	X			
403-09600	Hot Mix Asphalt (Bond Breaker)	HMA (Bond Breaker)	SY	X	X	X	
403-32641	Hot Mix Asphalt (Grading SG) (50) (PG 64-22)	HMA (Gr SG) (50) (PG 64-22)	TON	X			
403-32721	Hot Mix Asphalt (Grading SG) (75) (PG 58-28)	HMA (Gr SG) (75) (PG 58-28)	TON	X			
403-32741	Hot Mix Asphalt (Grading SG) (75) (PG 64-22)	HMA (Gr SG) (75) (PG 64-22)	TON	X			
403-32821	Hot Mix Asphalt (Grading SG) (100) (PG 58-28)	HMA (Gr SG) (100) (PG 58-28)	TON	X			
403-32841	Hot Mix Asphalt (Grading SG) (100) (PG 64-22)	HMA (Gr SG) (100) (PG 64-22)	TON	X			
403-32851	Hot Mix Asphalt (Grading SG) (100) (PG 64-28)	HMA (Gr SG) (100) (PG 64-28)	TON	X			
403-32871	Hot Mix Asphalt (Grading SG) (100) (PG 76-28)	HMA (Gr SG) (100) (PG 76-28)	TON	X			
403-33641	Hot Mix Asphalt (Grading S) (50) (PG 64-22)	HMA (Gr S) (50) (PG 64-22)	TON	X			
403-33671	Hot Mix Asphalt (Grading S) (50) (PG 76-28)	HMA (Gr S) (50) (PG 76-28)	TON	X			
403-33701	Hot Mix Asphalt (Grading S) (75)	HMA (Gr S) (75)	TON	X			
403-33721	Hot Mix Asphalt (Grading S) (75) (PG 58-28)	HMA (Gr S) (75) (PG 58-28)	TON	X			
403-33731	Hot Mix Asphalt (Grading S) (75) (PG 58-34)	HMA (Gr S) (75) (PG 58-34)	TON	X			
403-33741	Hot Mix Asphalt (Grading S) (75) (PG 64-22)	HMA (Gr S) (75) (PG 64-22)	TON	X			
403-33742	Hot Mix Asphalt (Grading S)(75)(PG 64-22)	HMA (Gr S)(75)(PG 64-22)	SY	X			
403-33751	Hot Mix Asphalt (Grading S) (75) (PG 64-28)	HMA (Gr S) (75) (PG 64-28)	TON	X			
403-33752	Hot Mix Asphalt (Grading S)(75)(PG 64-28)	HMA (Gr S)(75)(PG 64-28)	SY	X			
403-33771	Hot Mix Asphalt (Grading S) (75) (PG 76-28)	HMA (Gr S) (75) (PG 76-28)	TON	X			
403-33801	Hot Mix Asphalt (Grading S) (100)	HMA (Gr S) (100)	TON	X			
403-33821	Hot Mix Asphalt (Grading S) (100) (PG 58-28)	HMA (Gr S) (100) (PG 58-28)	TON	X			
403-33831	Hot Mix Asphalt (Grading S) (100) (PG 58-34)	HMA (Gr S) (100) (PG 58-34)	TON	X			
403-33841	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	HMA (Gr S) (100) (PG 64-22)	TON	X			
403-33851	Hot Mix Asphalt (Grading S) (100) (PG 64-28)	HMA (Gr S) (100) (PG 64-28)	TON	X			
403-33871	Hot Mix Asphalt (Grading S) (100) (PG 76-28)	HMA (Gr S) (100) (PG 76-28)	TON	X			
403-33971	Hot Mix Asphalt (Grading S) (125) (PG 76-28)	HMA (Gr S) (125) (PG 76-28)	TON	X			
403-34601	Hot Mix Asphalt (Grading SX) (50)	HMA (Gr SX) (50)	TON	X			
403-34621	Hot Mix Asphalt (Grading SX) (50) (PG 58-28)	HMA (Gr SX) (50) (PG 58-28)	TON	X			
403-34631	Hot Mix Asphalt (Grading SX) (50) (PG 58-34)	HMA (Gr SX) (50) (PG 58-34)	TON	X			
403-34641	Hot Mix Asphalt (Grading SX) (50) (PG 64-22)	HMA (Gr SX) (50) (PG 64-22)	TON	X			
403-34651	Hot Mix Asphalt (Grading SX) (50) (PG 64-28)	HMA (Gr SX) (50) (PG 64-28)	TON	X			
403-34701	Hot Mix Asphalt (Grading SX) (75)	HMA (Gr SX) (75)	TON	X			
403-34721	Hot Mix Asphalt (Grading SX) (75) (PG 58-28)	HMA (Gr SX) (75) (PG 58-28)	TON	X			
403-34722	HMA (Gr SX) (75) (PG 58-28)	HMA (Gr SX) (75) (PG 58-28)	SY	X			
403-34723	Hot Mix Asphalt (Grading SX)(75)(PG 58-28)(3 Inches)	HMA (Gr SX)(75)(PG 58-28)(3 In)	SY	X			

403-34724	Hot Mix Asphalt (Grading SX)(75)(PG 58-28)(4 Inches)	HMA (GrSX)(75)(PG 58-28)(4 In)	SY	X				
403-34725	Hot Mix Asphalt (Grading SX)(75)(PG 58-28)(4.5 Inches)	HMA (Gr SX)(75)(PG 58-28) (4.5 In)	SY	X				
403-34731	Hot Mix Asphalt (Grading SX) (75) (PG 58-34)	HMA (Gr SX) (75) (PG 58-34)	TON	X				
403-34732	HMA (Gr SX) (75) (PG 58-34)	HMA (Gr SX) (75) (PG 58-34)	SY	X				
403-34733	Hot Mix Asphalt (Grading SX)(75)(PG 58-34)(2 Inches)	HMA (Gr SX)(75)(PG 58-34)(2 In)	SY	X				
403-34741	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	HMA (Gr SX) (75) (PG 64-22)	TON	X				
403-34742	Hot Mix Asphalt (Grading SX)(75)(PG 64-22)	HMA (Gr SX)(75)(PG 64-22)	SY	X				
403-34751	Hot Mix Asphalt (Grading SX) (75) (PG 64-28)	HMA (Gr SX) (75) (PG 64-28)	TON	X				
403-34752	Hot Mix Asphalt (Grade SX)(75)(PG 64-28)	HMA (Gr SX)(75)(PG 64-28)	SY	X				
403-34761	Hot Mix Asphalt (Grading SX) (75) (PG 70-28)	HMA (Gr SX) (75) (70-28)	TON	X				
403-34771	Hot Mix Asphalt (Grading SX) (75) (PG 76-28)	HMA (Gr SX) (75) (PG 76-28)	TON	X				
403-34801	Hot Mix Asphalt (Grading SX) (100)	HMA (Gr SX) (100)	TON	X				
403-34821	Hot Mix Asphalt (Grading SX) (100) (PG 58-28)	HMA (Gr SX) (100) (PG 58-28)	TON	X				
403-34824	Hot Mix Asphalt (Grading SX)(100)(PG 58-28) (Special)	HMA (Gr SX)(100)(PG 58-28) (Special)	TON	X				
403-34831	Hot Mix Asphalt (Grading SX) (100) (PG 58-34)	HMA (Gr SX) (100) (PG 58-34)	TON	X				
403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	HMA (Gr SX) (100) (PG 64-22)	TON	X				
403-34851	Hot Mix Asphalt (Grading SX) (100) (PG 64-28)	HMA (Gr SX) (100) (PG 64-28)	TON	X				
403-34854	Hot Mix Asphalt (Grading SX)(100)(PG 64-28)(2 Inches)	HMA (Gr SX)(100)(PG 64-28) (2 In)	SY	X				
403-34861	Hot Mix Asphalt (Grading SX) (100) (PG 70-28)	HMA (Gr SX) (100) (PG 70-28)	TON	X				
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	HMA (Gr SX) (100) (PG 76-28)	TON	X				
403-35701	Hot Mix Asphalt (Grading S-Fines) (75)	HMA (Gr S-Fines) (75)	TON	X				
403-35721	Hot Mix Asphalt (Grading S-Fines)(75)(PG 58-28)	HMA (Gr S-Fines)(75)(PG 58-28)	TON	X				
403-36621	Hot Mix Asphalt (Gr ST)(50)(PG 58-28)	HMA (Gr ST)(50)(PG 58-28)	TON	X				
403-36661	Hot Mix Asphalt (Grading ST)(50)(PG 70-28)	HMA (Gr ST)(50)(PG 70-28)	TON	X				
403-36701	Hot Mix Asphalt (Grading ST)(75)	HMA (Gr ST)(75)	TON	X				
403-36721	Hot Mix Asphalt (Grading ST)(75)(PG 58-28)	HMA (Gr ST)(75)(PG 58-28)	TON	X				
403-36741	Hot Mix Asphalt (Grading ST)(75)(PG 64-22)	HMA (Gr ST)(75)(PG 64-22)	TON	X				
403-36761	Hot Mix Asphalt (Grading ST)(75)(PG 70-28)	HMA(Gr ST)(75)(PG 70-28)	TON	X				
403-37751	Hot Mix Asphalt (Grade SF)(75)(PG 64-28)	HMA (Gr SF)(75)(PG 64-28)	TON	X				
403-40000	HMA Safety Edge	HMA SafetyEdge	LF	X				
403-40001	HMA Safety Edge	HMA SafetyEdge	TON	X				
403-96600	Hot Mix Asphalt (Grading Fines) (50)	HMA (Gr Fines) (50)	TON	X				
405-00000	Heating and Scarifying Treatment	Heating and Scarifying	SY	X				
405-00050	Heating and Scarifying Treatment (Alternative Systems)	Heating and Scarifying (Alt Sys)	SY	X				

405-00100	Heating and Remixing Treatment	Heating and Remixing Treatment	SY	X			
405-00101	Heating and Remixing Treatment (Special)	Heating and Remixing Treatment (Special)	SY	X			
405-00200	Virgin Hot Bituminous Plant Mix	Virgin HB Plant Mix	TON	X			
405-00300	Heating and Repaving Treatment	Heating and Repaving Treatment	SY	X			
406-09500	Cold Bituminous Pavement (Recycle)	Cold Bitum Pvmt (Recycle)	SY	X			
406-09501	Cold Bituminous Pavement (Recycled)	Cold Bitum Pvmt (Recycled)	TON	X			
406-09505	Cold Bituminous Pavement (Recycle)(Special)	Cold Bitum Pvmt (Recycle) (Spec)	SY	X			
406-09530	Repair of Cold Bituminous Pavement (Recycle)	Repair of Cold Bitum Pvmt (Recycle)	SY	X			
407-03000	Blotter Material	Blotter Material	TON	X			No BABA required for aggregate material
408-01000	Hot Poured Joint and Crack Sealant	Hot Joint-Crack Sealant	TON	X			No BABA required for concrete, cement, grout, and asphalt
408-01100	Joint Sealant	Joint Sealant	LF	X			No BABA required for concrete, cement, grout, and asphalt
408-01300	HMA Mix Crack Sealant	HMA Mix Crack Sealant	TON	X			No BABA required for concrete, cement, grout, and asphalt
408-01400	Crack Sealant (Special)	Crack Sealant (Special)	TON	X			No BABA required for concrete, cement, grout, and asphalt
408-02000	Injection Holes	Injection Holes	EACH	X			Labor, personnel/equipment time
409-00110	Stockpile Cover Coat Material	Stockpile CC Matl	TON	X			No BABA or BA – aggregate is an exempt product
409-01010	Cover Coat Material (Type I)	CC Matl (Ty I)	TON	X			No BABA or BA – aggregate is an exempt product
409-01015	Cover Coat Material (Type I)	CC Matl (Ty I)	SY	X			No BABA or BA – aggregate is an exempt product
409-01020	Cover Coat Material (Type I) (Lightweight)	CC Matl (Ty I) (Lightweight)	CY	X			No BABA or BA – aggregate is an exempt product
409-02010	Cover Coat Material (Type II)	CC Matl (Ty II)	TON	X			No BABA or BA – aggregate is an exempt product
409-02015	Cover Coat Material (Type II)	CC Matl (Ty II)	SY	X			No BABA or BA – aggregate is an exempt product
409-02020	Cover Coat Material (Type II) (Lightweight)	CC Matl (Ty II) (Lightweight)	CY	X			No BABA or BA – aggregate is an exempt product
409-02025	Cover Coat Material (Type II) (Lightweight)	CC Matl (Ty II) (Lightweight)	SY	X			No BABA or BA – aggregate is an exempt product
409-02030	Cover Coat Material (Type I) (Special)	CC Matl (Ty I) (Special)	SY	X			No BABA or BA – aggregate is an exempt product
409-02050	Cover Coat Material (Type II) (Special)	CC Matl (Ty II) (Special)	TON	X			No BABA or BA – aggregate is an exempt product
409-02055	Cover Coat Material (Type II) (Special)	CC Matl (Ty II) (Special)	SY	X			No BABA or BA – aggregate is an exempt product
409-03010	Cover Coat Material (Type III)	CC Matl (Ty III)	TON	X			No BABA or BA – aggregate is an exempt product
409-03050	Place Cover Coat Material	Place CC Matl	TON	X			Installation of cover material
409-03055	Place Cover Coat Material	Place CC Matl	SY	X			Installation of cover material
409-03060	Furnish Cover Coat Material	Furn CC Matl	TON	X			No BABA or BA – aggregate is an exempt product
409-04050	Cover Coat Material (Special)	CC Matl (Spec)	SY	X			No BABA or BA – aggregate is an exempt product
409-04060	Cover Coat Material (Asphalt) (Special)	CC Matl (Asph) (Spec)	TON	X			No BABA or BA – aggregate is an exempt product
409-05000	Ultrathin Bonded Wearing Course	Ultrath Bond Wearing Course	SY	X			No BABA required for concrete, cement, grout, and asphalt
409-05010	Thin Bonded Wearing Course (Non-Bituminous)	Thin Bonded Wearing Course (Non-Bitum)	SY			X	BABA if plastic/polymer based product
409-05011	Thin Bonded Polymer Overlay	Thin Bonded Polymer Overlay	SY			X	BABA - plastic/polymer based product
409-05100	Anti-Icing Polymer Overlay	Anti-Icing Polymer Overlay	SF			X	BABA - plastic/polymer based product
409-06000	Surfacing (macro style)	Surfacing (macro style)	SY				

409-08000	Squeegee Seal	Squeegee Seal	SY	X				No BABA or BA – aggregate is an exempt product
409-09000	Micro-Surfacing Seal Coat	Micro-Surfacing Seal Coat	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
409-09010	Micro-Surfacing Aggregate	Micro-Surfacing Aggregate	TON	X				No BABA or BA – aggregate is an exempt product
409-09500	Slurry Seal Material	Slurry Seal Matl	SY	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
410-00000	Slurry Seal Coat	Slurry Seal Coat	SY	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
410-00100	Slurry Seal Coat (Airport)	Slurry Seal Coat (Airport)	SY	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03100	Asphalt Cement (Scrap Rubber) (Crack Filler)	AC Scrap Rub Crack Filler	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03110	Asphalt Cement (Rubberized) (Crack Filler)	AC Rubberized Crack Filler	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03200	Asphalt Cement (Polymer Modified) (Special)	Asph Cem (Polymer Mod) (Spec)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03342	Asphalt Cement Performance Grade (PG 64-28)	Asph Cem (PG 64-28)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03345	Asphalt Cement Performance Grade (PG 76-28)	Asph Cem (PG 76-28)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03352	Asphalt Cement Performance Grade (PG 58-28)	Asph Cem (PG 58-28)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03354	Asphalt Cement Performance Grade (PG 64-22)	Asph Cem (PG 64-22)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-03355	Asphalt Cement Performance Grade (PG 58-34)	Asph Cem (PG 58-34)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10010	Emulsified Asphalt (CQS-1HP) (Fog) (Airport)	Emul Asph (CQS-1HP) (Fog) (Airport)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10025	Emulsified Asphalt (Special) (CQS-1hL)	Emul Asph (Sp) (CQS-1hL)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10200	Emulsified Asphalt (CRS-1)	Emul Asph (CRS-1)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10216	Emulsified Asphalt (CRS-2P)	Emul Asph (CRS-2P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10217	Emulsified Asphalt (CRS-2P)	Emulsified Asphalt (CRS-2P)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10251	Emulsified Asphalt (CSS-1)	Emul Asph (CSS-1)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10252	Emulsified Asphalt (CSS-1P)	Emul Asph (CSS-1P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10253	Emulsified Asphalt (CSS-1H)	Emul Asph (CSS-1H)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10254	Emulsified Asphalt (CSS-1H) (Modified)	Emul Asph (CSS-1H) (Mod)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10255	Emulsified Asphalt (Slow-Setting)	Emul Asph (SS)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10258	Emulsified Asphalt (Rapid-Setting)(Polymerized)	Emul Asph (RS-P)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10259	Emulsified Asphalt (Medium-Setting)(Polymerized)	Emul Asph (MS-P)	TON	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements

411-10260	Emulsified Asphalt (Rapid-Setting) (Polymerized)	Emul Asph (RS-P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10261	Emulsified Asphalt (Rapid-Setting-2P) (Polymerized)	Emul Asph (RS-2P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10262	Emulsified Asphalt (Medium-Setting) (Polymerized)	Emul Asph (MS-P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10265	Emulsified Asphalt (Polymerized)	Emul Asph (Poly)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10275	Emulsified Asphalt (HFMS-2P) (High Float) (Polymerized)	Emul Asph (HFMS-2P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10276	Emulsified Asphalt (HFMS-2SP) (High Float) (Polymerized)	Emul Asph (HFMS-2SP)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10300	Emulsified Asphalt (Prime Coat)	Emul Asph (Prime Coat)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-10375	Emulsified Asphalt (HFRS-2P) (High Float) (Polymerized)	Emul Asph (HFRS-2P)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-21020	Liquid Asphaltic Material (MC-70)	Liq Asph Matl (MC-70)	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-90010	Asphalt Rejuvenating Agent	Asph Rejuvenating Agent	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-90040	Recycling Agent	Recycling Agent	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
411-90050	Emulsified Recycling Agent	Emul Recycling Agent	GAL	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-00000	Furnish Concrete Pavement	Furn Conc Pvmt	CY	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-00050	Place Concrete Pavement	Pl Conc Pvmt	SY	X				Installation of concrete
412-00101	Portland Cement Concrete Pavement 5 Year Warranty	Port Cem Conc Pvmt 5 Yr War	SY	X				Warranty
412-00110	Warranted Portland Cement Concrete Pavement (10 Inch)	War Port Cem Conc Pvmt (10 In)	SY	X				Warranty
412-00111	Warranted Portland Cement Concrete Pavement (11 Inch)	War Port Cem Conc Pvmt (11 In)	SY	X				Warranty
412-00113	Warranted Portland Cement Concrete Pavement (13 Inch)	War Port Cem Conc Pvmt (13 In)	SY	X				Warranty
412-00125	Warranted Portland Cement Concrete Pavement (12 1/2 Inch)	War Port Cem Conc Pvmt (12 1/2 In)	SY	X				Warranty
412-00130	Warranted Portland Cement Concrete Pavement System	War Port Cem Conc Pvmt Sys	SY	X				Warranty
412-00190	Concrete Pavement (Patching)	Conc Pvmt (Patching)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00200	Roller Compacted Concrete Pavement (7 3/4 Inch)	Roller Comp Conc Pvmt (7 3/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

412-00400	Concrete Pavement (4 Inch)	Conc Pvmt (4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00500	Concrete Pavement (5 Inch)	Conc Pvmt (5 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00505	Concrete Pavement (5 Inch) (Fast Track)	Conc Pvmt (5 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00550	Concrete Pavement (5 1/2 Inch)	Conc Pvmt (5 1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00600	Concrete Pavement (6 Inch)	Conc Pvmt (6 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00601	Concrete Pavement (6 Inch) (Special)	Conc Pvmt (6 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00605	Concrete Pavement (6 Inch) (Fast Track)	Conc Pvmt (6 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00615	Concrete Pavement (6 Inch) (Reinforced)	Conc Pvmt (6 In) (R)	SY		X			No BA or BABA required if composed only of concrete BA required for reinforcing steel per FMM requirements
412-00650	Concrete Pavement (6-1/2 Inch)	Conc Pvmt (6-1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00700	Concrete Pavement (7 Inch)	Conc Pvmt (7 In)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00701	Concrete Pavement (7 Inch) (Special)	Conc Pvmt (7 In) (Spec)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00705	Concrete Pavement (7 Inch) (Fast Track)	Conc Pvmt (7In) (Fast Track)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required for reinforcing steel per FMM requirements
412-00715	Concrete Pavement (7 Inch) (Reinforced)	Conc Pvmt (7 In) (R)	SY		X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00750	Concrete Pavement (7-1/2 Inch)	Conc Pvmt (7-1/2 In)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00752	Concrete Pavement (7 1/2 In) (Fast Track)	Conc Pvmt (7 1/2 In) (Fast Track)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00760	Concrete Pavement (7-3/4 Inch)	Conc Pvmt (7-3/4 In)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00800	Concrete Pavement (8 Inch)	Conc Pvmt (8 In)	SY	X	X			
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00801	Concrete Pavement (8 Inch) (Special)	Conc Pvmt (8 In) (Spec)	SY	X	X			

								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00805	Concrete Pavement (8 Inch) (Fast Track)	Conc Pvmt (8 In) (Fast Track)	SY	X	X			
412-00815	Concrete Pavement (8 Inch) (Reinforced)	Conc Pvmt (8 In) (R)	SY		X			No BA or BABA required if composed only of concrete BA required for reinforcing steel per FMM requirements
412-00825	Concrete Pavement (8-1/4 Inch)	Conc Pvmt (8-1/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00835	Concrete Pavement (8-1/4 Inch) (Fast Track)	Conc Pvmt (8 1/4 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00850	Concrete Pavement (8-1/2 Inch)	Conc Pvmt (8-1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00851	Concrete Pavement (8-1/2 Inch) (Special)	Conc Pvmt (8-1/2 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00870	Concrete Pavement (8-1/2 Inch) (Fast Track)	Conc Pvmt (8-1/2 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00875	Concrete Pavement (8-3/4 Inch)	Conc Pvmt (8-3/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00900	Concrete Pavement (9 Inch)	Conc Pvmt (9 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

412-00901	Concrete Pavement (9 Inch) (Special)	Conc Pvmt (9 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00920	Concrete Pavement (9 Inch) (Fast Track)	Conc Pvmt (9 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00925	Concrete Pavement (9-1/4 Inch)	Conc Pvmt (9-1/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00927	Concrete Pavement (9-1/4 Inch) (Fast Track)	Conc Pvmt (9-1/4 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00950	Concrete Pavement (9-1/2 Inch)	Conc Pvmt (9-1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00951	Concrete Pavement (9-1/2 Inch) (Special)	Conc Pvmt (9-1/2 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00952	Concrete Pavement (9 1/2 Inch) (Fast Track)	Conc Pvmt (9 1/2 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00975	Concrete Pavement (9-3/4 Inch)	Conc Pvmt (9-3/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-00976	Concrete Pavement (9-3/4) (Class E)	Conc Pvmt (9-3/4 In) (Class E)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

412-00977	Concrete Pavement (9-3/4 Inch)(Special)	Conc Pvmt (9-3/4 In)(Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01000	Concrete Pavement (10 Inch)	Conc Pvmt (10 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01001	Concrete Pavement (10 Inch) (Special)	Conc Pvmt (10 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01015	Concrete Pavement (10 Inch) (Reinforced)	Conc Pvmt (10 In) (R)	SY		X			No BA or BABA required if composed only of concrete BA required for reinforcing steel per FMM requirements
412-01020	Concrete Pavement (10 Inch) (Fast Track)	Conc Pvmt (10 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01025	Concrete Pavement (10-1/4 Inch)	Conc Pvmt (10-1/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01035	Concrete Pavement (10 1/4 Inch)(Fast Track)	Conc Pvmt (10 1/4 In)(Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01050	Concrete Pavement (10-1/2 Inch)	Conc Pvmt (10-1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01055	Concrete Pavement (10-1/2 Inch) (Special)	Conc Pvmt (10-1/2 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

412-01060	Concrete Pavement (10-1/2 Inch) (Fast Track)	Conc Pvmt (10-1/2 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01075	Concrete Pavement (10-3/4 Inch)	Conc Pvmt (10-3/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01100	Concrete Pavement (11 Inch)	Conc Pvmt (11 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01105	Concrete Pavement (11 Inch) (Special)	Conc Pvmt (11 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01120	Concrete Pavement (11 Inch) (Fast Track)	Conc Pvmt (11 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01125	Concrete Pavement (11-1/4 Inch)	Conc Pvmt (11-1/4 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01150	Concrete Pavement (11-1/2 Inch)	Conc Pvmt (11-1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01152	Concrete Pavement (11-1/2 Inch) (Fast Track)	Conc Pvmt (11-1/2 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01155	Concrete Pavement (11-1/2 Inch) (Special)	Conc Pvmt (11-1/2 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

412-01200	Concrete Pavement (12 Inch)	Conc Pvmt (12 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01215	Concrete Pavement (12 Inch) (Reinforced)	Conc Pvmt (12 In) (R)	SY		X			No BA or BABA required if composed only of concrete BA required for reinforcing steel per FMM requirements
412-01220	Concrete Pavement (12 Inch) (Fast Track)	Conc Pvmt (12 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01250	Concrete Pavement (12-1/2 Inch)	Conc Pvmt (12-1/2 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01252	Concrete Pavement (12 1/2 Inch) (Fast Track)	Conc Pvmt (12-1/2 In) (Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01255	Concrete Pavement (12 Inch) (Special)	Conc Pvmt (12 In) (Spec)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01265	Concrete Pavement (12-1/2 Inch)(Reinforced)	Conc Pvmt (12-1/2 In)(R)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01300	Concrete Pavement (13 Inch)	Conc Pvmt (13 In)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01325	Concrete Pavement (13 Inch)(Fast Track)	Conc Pvmt (13 In)(Fast Track)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements

							No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01350	Concrete Pavement (13-1/2 Inch)	Conc Pvmt (13-1/2 In)	SY	X	X		
412-01352	Concrete Pavement (13-1/2 In) (Fast Track)	Conc Pvmt (13-1/2 In) (Fast Track)	SY	X	X		No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01400	Concrete Pavement (14 Inch)	Conc Pvmt (14 In)	SY	X	X		No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-01500	Concrete Pavement (15 Inch)	Conc Pvmt (15 In)	SY	X	X		No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-02000	Concrete Safety Edge	Conc SafetyEdge	LF	X	X		No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-03000	Concrete Pavement System	Conc Pvmt System	SY	X	X		No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-04000	Concrete Pavement Panel (Precast)	Conc Pvt Pan (Precast)	SF		X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
412-04008	Concrete Pavement Panel (Precast) (12X8)	Conc Pvmt Panel (Precast) (12X8)	EACH		X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
412-04012	Concrete Pavement Panel (Precast) (12X12)	Conc Pvmt Panel (Precast) (12X12)	EACH		X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt

412-04998	Replace Concrete Pavement (PRS)	Replace Conc Pvmt (PRS)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-04999	Replace Concrete Pavement	Replace Conc Pvmt	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-05000	Partial Depth Repair of Concrete Pavement	Partial Depth Repair of Conc Pvmt	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-05002	Full Depth Repair of Concrete Pavement	Full Depth Repair of Conc Pavement	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-05100	Polyurethane Slab Jacking	Poly Slab Jacking	LB				X	BABA - polymer/plastic product
412-06000	Furnish Concrete Pavement Thin Whitetopping	Furn Conc Pvmt TWT	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-06060	Concrete Pavement Thin Whitetopping (6 Inch)	Conc Pvmt TWT (6 Inch)	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-10000	Sawing Concrete Pavement	Sawing Conc Pvmt	LF	X				Labor, personnel/equipment time
412-11000	Concrete Pavement Dowel Bar Retrofit	Conc Pave Dowel Bar Retro	EACH				X	BA - iron and steel dowel bars per FMM requirements
412-13000	Concrete Pavement Joint Repair	Conc Pavement Joint Repair	EACH	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel per FMM requirements
412-14000	Sawing and Sealing Concrete Pavement Joints	Sawing and Sealing Joints	LF	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-15000	Routing and Sealing Concrete Pavement Cracks	Routing and Sealing Cracks	LF	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-15010	Cleaning and Grouting Concrete Pavement Joint	Clean & Grout Conc Pvmt Joint	LF	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-15050	Cross Stitching	Cross Stitching	EACH				X	BA - iron and steel dowel bars per FMM requirements

412-15052	Slot Stitching	Slot Stitching	EACH		X			BA - iron and steel dowel bars per FMM requirements
412-15060	Repair Concrete Cracks (Stitch)	Rep Conc Cr (Stitch)	EACH		X			BA - iron and steel dowel bars per FMM requirements
412-16000	Cleaning and Sealing Concrete Pavement Joints	Cleaning + Sealing Joints	LF	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-18000	Crack and Seat Concrete Pavement	Crack & Seat Conc Pvmt	SY	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-18010	Rubblization of Concrete Pavement (Crack and Seat)	Rubbl of Conc Pvmt (Crack and Seat)	SY	X				Removal of concrete
412-18020	Rubblization of Concrete Pavement (Resonant Breaker)	Rubbl of Conc Pvmt (Resonant Breaker)	SY	X				Removal of concrete
412-18030	Rubblization of Concrete Pavement (Multi-Head Breaker)	Rubbl of Conc Pvmt (Multi-Head Breaker)	SY	X				Removal of concrete
412-18050	Rubblization of Concrete Pavement	Rubbl of Conc Pvmt	SY	X				Removal of concrete
412-19000	Hot Poured Concrete Joint Sealant	Hot Conc Joint Sealant	LF	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
412-80001	Shoulder Pavement Alternate	Shoulder Pavement Alternate	SY	X				Grout, cement, concrete, and asphalt if alone have no BABA requirements
420-00000	Geomembrane	Geomembrane	SY	X		X		The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00102	Geotextile (Erosion Control) (Class 1)	Geotextile (Er Cont) (CL 1)	SY	X		X		The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00103	Geotextile (Erosion Control) (Class 2)	Geotextile (Er Cont) (CL 2)	SY	X		X		The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00104	Geotextile (Erosion Control) (Class 3)	Geotextile (Er Cont) (CL 3)	SY	X		X		The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00112	Geotextile (Drainage) (Class 1)	Geotextile (Drain) (CL 1)	SY	X		X		The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.

420-00113	Geotextile (Drainage) (Class 2)	Geotextile (Drain) (CL 2)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00114	Geotextile (Drainage) (Class 3)	Geotextile (Drain) (CL 3)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00132	Geotextile (Separator) (Class 1)	Geotextile (Separator) (CL 1)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00133	Geotextile (Separator) (Class 2)	Geotextile (Separator) (CL 2)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00134	Geotextile (Separator) (Class 3)	Geotextile (Separator) (CL 3)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00200	Geotextile (Weed Barrier)	Geotextile (Weed Barrier)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00201	Geotextile (Weed Barrier) (Special)	Geotextile (Weed Barrier) (Spec)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00255	Geotextile (Interlayer)(Special)	Geotextile (Interlayer)(Spec)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.
420-00300	Geotextile (Reinforcement)	Geotextile (Reinforcement)	SY	X		X	The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.

420-00400	Media Filter Drain (MFD) mix (Type 1)	Media Filter Drain (MFD) mix (Type 1)	CY	X			No BABA - aggregate is exempt from BABA requirements
502-01000	Bitumen Coating	Bitumen Coating	LF	X			No BABA - Grout, cement, concrete, and asphalt if alone have no BABA requirements
502-01100	Retapping	Retapping	EACH	X			Labor / personal time - testing
502-01120	Restriking Pile	Restriking Pile	EACH	X			Labor / personal time - testing
502-02000	Dynamic Load Testing	Dynamic Load Testing	L S	X			Labor / personal time - testing
502-02010	Dynamic Pile Test	Dynamic Pile Test	EACH	X			Labor / personal time - testing
502-02012	Static Pile Load Test	Static Pile Load Test	EACH	X			Labor / personal time - testing
502-08250	Steel Pipe Piling (12-3/4 X 0.250 Inch)	SP Pile (12-3/4x0.250 In)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-08330	Steel Pipe Piling (12-3/4 X 0.330 Inch)	SP Pile (12-3/4x0.330 In)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-08375	Steel Pipe Piling (12-3/4 X 0.375 Inch)	SP Pile (12-3/4x0.375 In)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-08500	Steel Pipe Piling (12-3/4 X 0.500 Inch)	SP Pile (12-3/4x0.500 In)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-08505	Steel Pipe Piling (24 X 0.500 Inch)(Special)	SP Pile (24 x 0.500 In)(Spec)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-10836	Steel Piling (HP 8x36)	Steel Pile (HP 8x36)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11057	Steel Piling (HP 10x57)	Steel Pile (HP 10x57)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11253	Steel Piling (HP 12x53)	Steel Pile (HP 12x53)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11254	Steel Piling (HP 12X53) (Install Only)	Steel Piling (HP 12X53) (Install Only)	LF	X			Installation of steel piling
502-11263	Steel Piling (HP 12x63)	Steel Pile (HP 12x63)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11274	Steel Piling (HP 12x74)	Steel Pile (HP 12x74)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11275	Steel Piling (HP 12X74) (Install Only)	Steel Piling (HP 12X74) (Install Only)	LF	X			Installation of steel piling
502-11284	Steel Piling (HP 12x84)	Steel Pile (HP 12x84)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11473	Steel Piling (HP 14x73)	Steel Pile (HP 14x73)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11489	Steel Piling (HP 14x89)	Steel Pile (HP 14x89)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-11490	Steel Piling (HP 14X89) (Install Only)	Steel Piling (HP 14X89) (Install Only)	LF	X			Installation of steel piling
502-14102	Steel Piling (HP 14x102)	Steel Pile (HP 14x102)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-14117	Steel Piling (HP 14x117)	Steel Pile (HP 14x117)	LF		X		BA required for reinforcing iron / steel per FMM requirements.
502-20209	Corrugated Steel Pipe Piling (8x14x0.2092 Inch)	Corr SP Pile (8x14x0.2092)	LF		X		BA required for reinforcing iron / steel per FMM requirements.

502-29000	Structure Foundation System (Alternates)	Str Foundation Sys (Alternates)	EACH	X	X	X	X	<p>Refer to project plans and specifications concerning the structure foundation system and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
503-00000	Ground Improvement	Ground Improvement	SF	X	X	X	X	<p>Refer to project plans and specifications concerning items used for ground improvement and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
503-00002	Ground Improvement	Ground Improvement	CY	X	X	X	X	<p>Refer to project plans and specifications concerning items used for ground improvement and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
503-00012	Drilled Shaft (12 Inch)	Drilled Shaft (12 In)	LF		X		X	<p>BA – iron and steel per FMM specifications</p> <p>BABA - plastic/polymer spacers</p>
503-00016	Drilled Shaft (16 Inch)	Drilled Shaft (16 In)	LF		X		X	<p>BA – iron and steel per FMM specifications</p> <p>BABA - plastic/polymer spacers</p>
503-00018	Drilled Shaft (18 Inch)	Drilled Shaft (18 In)	LF		X		X	<p>BA – iron and steel per FMM specifications</p> <p>BABA - plastic/polymer spacers</p>
503-00024	Drilled Shaft (24 Inch)	Drilled Shaft (24 In)	LF		X		X	<p>BA – iron and steel per FMM specifications</p> <p>BABA - plastic/polymer spacers</p>
503-00025	Drilled Shaft (24 Inch)(Special)	Drilled Shaft (24 In)(Spec)	LF		X		X	<p>BA – iron and steel per FMM specifications</p> <p>BABA - plastic/polymer spacers</p>

503-00030	Drilled Shaft (30 Inch)	Drilled Shaft (30 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00036	Drilled Shaft (36 Inch)	Drilled Shaft (36 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00037	Drilled Shaft (36 Inch)(Special)	Drilled Shaft (36 In)(Spec)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00042	Drilled Shaft (42 Inch)	Drilled Shaft (42 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00043	Drilled Shaft (43 Inch)	Drilled Shaft (43 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00048	Drilled Shaft (48 Inch)	Drilled Shaft (48 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00054	Drilled Shaft (54 Inch)	Drilled Shaft (54 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00055	Drilled Shaft (54 Inch)(Special)	Drilled Shaft (54 In)(Spec)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00060	Drilled Shaft (60 Inch)	Drilled Shaft (60 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00066	Drilled Shaft (66 Inch)	Drilled Shaft (66 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00072	Drilled Shaft (72 Inch)	Drilled Shaft (72 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00078	Drilled Shaft (78 Inch)	Drilled Shaft (78 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00084	Drilled Shaft (84 Inch)	Drilled Shaft (84 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers

503-00096	Drilled Shaft (96 Inch)	Drilled Shaft (96 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00200	Caisson (Special)	Caisson (Special)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-00210	Aggregate Column Ground Improvement	Agg Column Grnd Impvmt	L S	X	X			No BABA - aggregate exempt; BA required for any iron / steel per FMM specifications
503-00211	Aggregate Column Ground Improvement	Agg Column Ground Improvement	LF	X	X			No BABA - aggregate exempt; BA required for any iron / steel per FMM specifications
503-00212	Soil Mixing	Soil Mixing	CY	X				Labor / personal time - soil placement
503-00214	Soil Mixing (Overtopping)	Soil Mixing (Overtopping)	CY	X				Labor / personal time - soil placement
503-00300	Drilled Shaft Load Test	Drilled Shaft Load Test	EACH	X				Labor / personal time - testing
503-00310	Crosshole Sonic Logging Testing	CSL Testing	EACH	X				Labor / personal time - testing
503-00320	Thermal Integrity Profiling Testing	TIP Testing	EACH	X				Labor / personal time - testing
503-00400	Drilling and Logging Bores	Drill and Log Bores	LF	X				Labor / personal time
503-00536	Jet Grouted Shaft (36 Inch)	Jet Grouted Shaft (36 In)	LF		X		X	BA – iron and steel per FMM specifications BABA - plastic/polymer spacers
503-01060	Micropile (6 Inch)	M pile (6 In)	LF		X			BA per the FMM specifications for the following: <ul style="list-style-type: none"> • Reinforcing • Casing • Pile cap
503-01070	Micropile (7 Inch)	M Pile (7 In)	LF		X			BA per the FMM specifications for the following: <ul style="list-style-type: none"> • Reinforcing • Casing • Pile cap
503-01080	Micropile (8 Inch)	M Pile (8 In)	LF		X			BA per the FMM specifications for the following: <ul style="list-style-type: none"> • Reinforcing • Casing • Pile cap
503-01100	Micropile (10 Inch)	M Pile (10 In)	LF		X			BA per the FMM specifications for the following: <ul style="list-style-type: none"> • Reinforcing • Casing • Pile cap
503-01120	Micropile (12 Inch)	M Pile (12 In)	LF		X			BA per the FMM specifications for the following: <ul style="list-style-type: none"> • Reinforcing • Casing • Pile cap
503-02000	Verification Test Pile	Verification Test Pile	EACH	X				Labor / personal time - testing

504-03311	Retaining Wall (1)(Alternative Systems)	Retaining Wall (1) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03312	Retaining Wall (2)(Alternative Systems)	Retaining Wall (2) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03313	Retaining Wall (3)(Alternative Systems)	Retaining Wall (3) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03314	Retaining Wall (4)(Alternative Systems)	Retaining Wall (4) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03315	Retaining Wall (5)(Alternative Systems)	Retaining Wall (5) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03316	Retaining Wall (6)(Alternative Systems)	Retaining Wall (6) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

504-03317	Retaining Wall (7)(Alternative Systems)	Retaining Wall (7) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03318	Retaining Wall (8)(Alternative Systems)	Retaining Wall (8) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03319	Retaining Wall (9)(Alternative Systems)	Retaining Wall (9) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03320	Retaining Wall (10)(Alternative Systems)	Retaining Wall (10) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03321	Retaining Wall (11)(Alternative Systems)	Retaining Wall (11) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03322	Retaining Wall (12)(Alternative Systems)	Retaining Wall (12) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

504-03323	Retaining Wall (13)(Alternative Systems)	Retaining Wall (13) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03324	Retaining Wall (14)(Alternative Systems)	Retaining Wall (14) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03325	Retaining Wall (15)(Alternative Systems)	Retaining Wall (15) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03326	Retaining Wall (16)(Alternative Systems)	Retaining Wall (16) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03327	Retaining Wall (17)(Alternative Systems)	Retaining Wall (17) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03328	Retaining Wall (18)(Alternative Systems)	Retaining Wall (18) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

504-03329	Retaining Wall (19)(Alternative Systems)	Retaining Wall (19) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03330	Retaining Wall (20)(Alternative Systems)	Retaining Wall (20) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03331	Retaining Wall (21)(Alternative Systems)	Retaining Wall (21) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03332	Retaining Wall (22)(Alternative Systems)	Retaining Wall (22) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03333	Retaining Wall (23)(Alternative Systems)	Retaining Wall (23) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03334	Retaining Wall (24)(Alternative Systems)	Retaining Wall (24) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

504-03335	Retaining Wall (25)(Alternative Systems)	Retaining Wall (25) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03336	Retaining Wall (26)(Alternative Systems)	Retaining Wall (26) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03337	Retaining Wall (27)(Alternative Systems)	Retaining Wall (27) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03338	Retaining Wall (28)(Alternative Systems)	Retaining Wall (28) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03339	Retaining Wall (29)(Alternative Systems)	Retaining Wall (29) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03340	Retaining Wall (30)(Alternative Systems)	Retaining Wall (30) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

504-03341	Retaining Wall (31)(Alternative Systems)	Retaining Wall (31) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03342	Retaining Wall (32)(Alternative Systems)	Retaining Wall (32) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03343	Retaining Wall (33)(Alternative Systems)	Retaining Wall (33) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03344	Retaining Wall (34)(Alternative Systems)	Retaining Wall (34) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03345	Retaining Wall (35)(Alternative Systems)	Retaining Wall (35) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03346	Retaining Wall (36)(Alternative Systems)	Retaining Wall (36) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

504-03347	Retaining Wall (37)(Alternative Systems)	Retaining Wall (37) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03348	Retaining Wall (38)(Alternative Systems)	Retaining Wall (38) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03349	Retaining Wall (39)(Alternative Systems)	Retaining Wall (39) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03350	Retaining Wall (40)(Alternative Systems)	Retaining Wall (40) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03351	Retaining Wall (41)(Alternative Systems)	Retaining Wall (41) (Alternative Systems)	LS	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall system.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-03400	Retaining Wall Coping Anchor	Ret Wall Coping Anchor	EACH	X	X	X	<p>Refer to project plans and specifications concerning components used in the retaining wall coping anchor system.</p> <p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

								Refer to project plans and specifications concerning components used in the retaining wall coping anchor system. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
504-03405	Retaining Wall Coping Anchor (Special)	Ret Wall Coping Anchor (Spec)	EACH	X	X		X	
504-03411	Retaining Wall (Boulder)	Retaining Wall (Boulder)	SF					No BABA - aggregate exempt; BA required for any iron / steel per FMM specifications
504-03500	Retaining Wall (Design Build)	Retaining Wall(Design Build)	SF	X	X		X	Refer to project plans and specifications concerning components used in the retaining wall system. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
504-04230	MSE Wall (Repair)	MSE Wall (Repair)	LS		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
504-04410	Block Facing	Block Facing	SF	X	X			No BABA - aggregate exempt; BA required for any iron / steel per FMM specifications
504-04420	Precast Panel Facing	Precast Panel Facing	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
504-04425	Architectural Precast Concrete Panel	Architectural Precast Concrete Panel	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
504-04430	Reinforced Concrete Facing	Reinforced Concrete Facing	SF	X	X			No BABA - concrete exempt; BA required for any iron / steel per FMM specifications
504-04440	Facing (Special)	Facing (Special)	SF	X	X			No BABA - aggregate exempt; BA required for any iron / steel per FMM specifications
504-05000	Wire Mesh Facing	Wire Mesh Facing	SF		X			BA required for reinforcing iron / steel per FMM requirements.
504-05100	Geotextile Wrap of Existing Pier Bents	Geo Wrap of Exist Pier Bents	EACH				X	X The manufacturer needs to provide documentation to determine if the geotextile/geogrid is a construction product of manufactured product. If it is a construction product then BABA will be required. If it is a manufacturing product then no BA or BABA is required.

504-06100	Ground Nailed Wall	Ground Nailed Wall	SF		X		BA required for any iron and steel as part of the manufactured product including <ul style="list-style-type: none"> • Soil nail • Bearing plates • Washers • Nuts • Studded Head • Couplers
504-06130	Ground Nailed Wall (< 30 Foot Total Height)	Ground Nailed Wall (<30 Ft)	SF		X		BA required for any iron and steel as part of the manufactured product including <ul style="list-style-type: none"> • Soil nail • Bearing plates • Washers • Nuts • Studded Head • Couplers
504-06131	Ground Nailed Wall (>30 Foot Total Height)	Ground Nailed Wall (>30 Ft)	SF		X		BA required for any iron and steel as part of the manufactured product including <ul style="list-style-type: none"> • Soil nail • Bearing plates • Washers • Nuts • Studded Head • Couplers
504-06300	Ground Nail	Ground Nail	LF		X		BA required for iron / steel per FMM requirements.
504-06310	Ground Nail (10 Foot)	Ground Nail (10 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06315	Ground Nail (15 Foot)	Ground Nail (15 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06320	Ground Nail (20 Foot)	Ground Nail (20 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06325	Ground Nail (25 Foot)	Ground Nail (25 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06327	Ground Nail (27 Foot)	Ground Nail (27 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06330	Ground Nail (30 Foot)	Ground Nail (30 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06335	Ground Nail (35 Foot)	Ground Nail (35 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06340	Ground Nail (40 Foot)	Ground Nail (40 Foot)	EACH		X		BA required for iron / steel per FMM requirements.
504-06390	Ground Nail (Proof Testing)	Ground Nail (Proof Test)	EACH	X			Labor, personnel/equipment time
504-06400	Soil Nail Wall	Soil Nail Wall	SF	X			<ul style="list-style-type: none"> • Soil Nail Bar • Bearing Plate • Nut • Washer • Couplers • Weld Wire Fabric (if used)
504-06406	Soil Nail	Soil Nail	LF		X	X	<p>Refer to project plans and specifications concerning the soil nail and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
504-06410	Verification Testing	Verification Testing	EACH	X			Labor, personnel/equipment time

504-06501	Permanent Tieback Anchor System	Perm Tieback Anchor Sys	SF		X			Refer to project plans and specifications concerning the tie back anchor system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
504-08050	Stone Landscape Wall	Stone Landscape Wall	SF	X	X			Refer to project plans and specifications concerning the stone landscape wall and other components. BA required for iron / steel per FMM requirements.
504-08100	Timber Retaining Wall	Timber Retaining Wall	SF		X		X	Refer to project plans and specifications concerning the timber retaining wall and other components. BA required for iron / steel per FMM requirements. BABA required for wood products, or other construction material
504-08150	Soldier Pile Wall	Soldier Pile Wall	SF		X		X	Refer to project plans and specifications concerning the soldier pile wall and other components. BA required for iron / steel per FMM requirements. BABA required for wood products, or other construction material
504-08255	Masonry Landscape Wall (Dry Stack)	Masonry Landscape Wall (Dry Stack)	SF	X	X			No BABA - aggregate exempt; BA required for any iron / steel per FMM specifications
506-00000	Riprap	Riprap	CY	X				Rock placement
506-00005	Riprap	Riprap	SY	X				Rock placement
506-00010	Riprap (Special)	Riprap (Special)	CY	X				Rock placement
506-00012	Riprap (Special)	Riprap (Special)	EACH	X				Rock placement
506-00013	Riprap (Special)	Riprap (Special)	TON	X				Rock placement
506-00020	Place Riprap	Place Riprap	CY	X				Rock placement
506-00025	Riprap (Furnish Only)	Furn Riprap	CY	X				No BABA requirement for aggregate or grout
506-00030	Grouted Riprap	Grouted Riprap	CY	X				No BABA requirement for aggregate or grout
506-00035	Grouted Riprap	Grouted Riprap	SY	X				No BABA requirement for aggregate or grout
506-00036	Grouted Riprap (36 Inch) (Special)	Grouted Riprap (36 In) (Special)	CY	X				No BABA requirement for aggregate or grout
506-00042	Grouted Riprap (42 Inch) (Special)	Grouted Riprap (42 In) (Special)	CY	X				No BABA requirement for aggregate or grout
506-00050	Slope Mattress	Slope Mattress	CY		X			BA required for iron / steel per FMM requirements.
506-00055	Slope Mattress (PVC Coated)	Slope Mattress (PVC)	CY		X			BA required for reinforcing iron / steel per FMM requirements. Coating is considered an incidental item
506-00100	Riprap (Gabions)	Riprap (Gabions)	CY		X			No BABA requirement for aggregate or grout

							BA required for reinforcing iron / steel per FMM requirements. Coating is considered an incidental item
506-00105	Riprap (Gabions) (PVC Coated)	Riprap (Gabions) (PVC)	CY		X		
506-00206	Riprap (6 Inch)	Riprap (6 In)	CY	X			No BABA - rock or boulder placement
506-00207	Rip Rap (6 Inch)	Rip Rap (6 In)	TON	X			No BABA - rock or boulder placement
506-00209	Riprap (9 Inch)	Riprap (9 In)	CY	X			No BABA - rock or boulder placement
506-00210	Riprap (9 Inch)	Riprap (9 In)	TON	X			No BABA - rock or boulder placement
506-00212	Riprap (12 Inch)	Riprap (12 In)	CY	X			No BABA - rock or boulder placement
506-00213	Riprap (12 Inch)(Install Only)	Riprap (12 Inch)(Install Only)	CY	X			Installation of riprap
506-00218	Riprap (18 Inch)	Riprap (18 In)	CY	X			No BABA - rock or boulder placement
506-00222	Riprap (18 Inch) (Special) (CIP)	Riprap (18 In) (Spec) (CIP)	CY	X			No BABA - rock or boulder placement
506-00224	Riprap (24 Inch)	Riprap (24 In)	CY	X			No BABA - rock or boulder placement
506-00225	Riprap (24 Inch) (Special)	Riprap (24 In) (Spec)	CY	X			No BABA - rock or boulder placement
506-00226	Riprap (24 Inch)	Riprap (24 In)	TON	X			No BABA - rock or boulder placement
506-00227	Riprap (24 Inch) (Install Only)	Riprap (24 In) (Install Only)	CY	X			Installation of riprap
506-00230	Riprap (30 In)	Riprap (30 In)	CY	X			No BABA - rock or boulder placement
506-00236	Riprap (36 Inch)	Riprap (36 In)	CY	X			No BABA - rock or boulder placement
506-00237	Riprap (36 Inch) (Special)	Riprap (36 In) (Spec)	CY	X			No BABA - rock or boulder placement
506-00238	Riprap (36 Inch)	Riprap (36 In)	TON	X			No BABA - rock or boulder placement
506-00243	Riprap (42 Inch) (Special)	Riprap (42 In) (Spec)	CY	X			No BABA - rock or boulder placement
506-00312	Riprap (12 Inch) (Furnish Only)	Riprap (12 In) (Furn Only)	CY	X			No BABA - rock or boulder placement
506-00318	Riprap (18 Inch) (Furnish Only)	Riprap (18 In) (Furn Only)	CY	X			No BABA - rock or boulder placement
506-00319	Riprap (18 Inch) (Install Only)	Riprap (18 Inch) (Install Only)	CY	X			Installation of riprap
506-00324	Riprap (24 Inch) (Furnish Only)	Riprap (24 In) (Furn Only)	CY	X			No BABA - rock or boulder placement
506-00406	Soil Riprap (6 Inch)	Soil Riprap (6 In)	CY	X			No BABA - rock or boulder placement
506-00409	Soil Riprap (9 Inch)	Soil Riprap (9 In)	CY	X			No BABA - rock or boulder placement
506-00412	Soil Riprap (12 Inch)	Soil Riprap (12 In)	CY	X			No BABA - rock or boulder placement
506-00418	Soil Riprap (18 Inch)	Soil Riprap (18 In)	CY	X			No BABA - rock or boulder placement
506-00424	Soil Riprap (24 Inch)	Soil Riprap (24 In)	CY	X			No BABA - rock or boulder placement
506-00430	Soil Riprap (30 Inch)	Soil Riprap (30 Inch)	CY	X			No BABA - rock or boulder placement
506-00512	Riprap (12 Inch)(Furnish Only)	Riprap (12 In)(Furnish)	TON	X			No BABA - rock or boulder placement
506-00518	Riprap (18 Inch)(Furnish Only)	Riprap (18 In)(Furnish)	TON	X			No BABA - rock or boulder placement
506-00524	Riprap (24 Inch)(Furnish Only)	Riprap (24 In)(Furnish)	TON	X			No BABA - rock or boulder placement
506-00600	In-Channel Boulder Feature (Riffle)	In-Channel Boulder Feature (Riffle)	EACH	X			No BABA - rock or boulder placement
506-00601	In-Channel Boulder Feature (Step)	In-Channel Boulder Feature (Step)	EACH	X			No BABA - rock or boulder placement
506-00602	In-Channel Boulder Feature (Boulder Cascade)	In-Channel Boulder Feature (Bldr Cascade)	EACH	X			No BABA - rock or boulder placement
506-00603	In-Channel Boulder Feature (Habitat Boulder Field)	In-Chan Bldr Featre (Hbitat Bldr Field)	EACH	X			No BABA - rock or boulder placement
506-00606	In-Channel Boulder Grouted (24 Inch)	In-Channel Boulder Grouted (24 In)	CY	X			No BABA - rock or boulder placement
506-00612	Matrix Riprap (12 Inch)	Matrix Riprap (12 In)	CY	X			No BABA - rock or boulder placement
506-00618	Matrix Riprap (18 Inch)	Matrix Riprap (18 In)	CY	X			No BABA - rock or boulder placement

506-00700	Void-Filled Riprap	Void-Filled Riprap	CY	X				<p>No BABA - rock or boulder placement</p> <p>Refer to project plans and specifications concerning the rock ribs and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
506-00800	Rock Ribs	Rock Ribs	LF	X	X	X	X	
506-00960	Reclaimed Rock (Angular Rock-Rundown)	Reclaimed Rock (Angular Rock-Rundown)	CY	X				No BABA - rock or boulder placement
506-00970	Reclaimed Rock (Angular Boulder)	Reclaimed Rock (Angular Boulder)	CY	X				No BABA - rock or boulder placement
506-01020	Geogrid Reinforcement	Geogrid Reinforce	SY	X	X	X	X	<p>Refer to project plans and specifications concerning the geogrid and other components.</p> <p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
506-01021	Geogrid Reinforcement (Secondary)	Geogrid Reinforce (Secondary)	SY	X	X	X	X	<p>Refer to project plans and specifications concerning the geogrid and other components.</p> <p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
506-01100	Concrete Block Revetment	Conc Block Revetment	SY		X			<p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>No BABA - Grout, cement, concrete, and asphalt are exempt from BABA requirements</p>
506-02000	Recirculating Stream	Recirculating Stream	LS		X	X		BA required for reinforcing iron / steel per FMM requirements.
506-03000	Harvest Reclaimed Rock (Angular Rock)	Harvest Reclaimed Rock (Angular Rock)	CY	X				No BABA - rock or boulder placement
506-03010	Harvest Reclaimed Rock (Habitat Boulder)	Harvest Reclaimed Rock (Habitat Boulder)	CY	X				No BABA - rock or boulder placement
506-03020	Harvest Reclaimed Rock (Angular Boulder)	Harvest Reclaimed Rock (Angular Boulder)	CY	X				No BABA - rock or boulder placement

506-03050	Reclaimed Rock (Angular Rock-Nuisance Protection)	Reclaimed Rock (Angular Rock-Nuis Prot)	CY	X			No BABA - rock or boulder placement
506-04018	Riprap (18 Inch-Nuisance Protection)	Riprap (18 Inch-Nuisance Protection)	CY	X			No BABA - rock or boulder placement
506-04024	Riprap (24 Inch-Habitat Boulder Toe)	Riprap (24 Inch-Habitat Boulder Toe)	CY	X			No BABA - rock or boulder placement
507-00000	Concrete Slope and Ditch Paving	Conc S and D Pave	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00100	Concrete Slope and Ditch Paving (Reinforced)	Conc S and D Pave (Reinf)	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00101	Concrete Slope and Ditch Paving (Reinforced)	Conc S and D Pave (Reinf)	LF		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00105	Concrete Slope and Ditch Paving (Reinforced) (Colored)	Conc S and D Pave (Reinf)(C)	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00200	Dry Rubble Slope and Ditch Paving	Dry Rubble S and D Pave	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00250	Dry Rubble Slope and Ditch Paving (Special)	Dry Rubble S and D Pave (S)	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00300	Grouted Rubble Slope and Ditch Paving	Gr Rubble S and D Pave	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00350	Grouted Riprap Slope and Ditch Paving	Gr Riprap S and D Pave	CY		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00400	Asphalt Slope and Ditch Paving (Asphalt)	Asphalt S and D Pave (Asph)	TON		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00550	Concrete Lined Ditch	Concrete Lined Ditch	LF		X		BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00600	Metal Lined Ditch	Metal Lined Ditch	LF		X	X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other non-ferrous metal

507-00700	Slope and Ditch Paving (Special)	S and D Pave (Spec)	CY		X			BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00725	Slope and Ditch Paving (Special)	S and D Paving (Special)	LF		X			BA required for steel per FMM requirements. No BABA - concrete, cement or grout exempt
507-00750	Irrigation Ditch System	Irrigation Ditch System	LS	X	X	X	X	Refer to project plans and specifications concerning the irrigation ditch system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
508-00000	Untreated Timber	Untr Timber	MFBM				X	BABA required if composed of wood, aluminum, plastic/polymer, or other construction material
508-00100	Treated Timber	Tr Timber	MFBM				X	BABA required if composed of wood, aluminum, plastic/polymer, or other construction material
508-00520	Insulation Material (2 Inch)	Insulation Material (2 In)	SF	X	X	X	X	BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies for iron / steel per FMM requirements
508-90000	Paint Existing Structure	Paint Existing Structure	LS	X				No BABA - paints and stains do not require BABA documentation
509-00000	Structural Steel	Str Steel	LB		X			BA required for iron / steel per FMM requirements.
509-00001	Structural Steel (Galvanized)	Str Steel (Galv)	LB		X			BA required for iron / steel per FMM requirements.
509-00003	Structural Steel (Install Only)	Str Steel (Install Only)	LB	X				Installation of steel structure
509-00010	Structural Steel (Special)	Str Steel (Spec)	LB		X			BA required for iron / steel per FMM requirements.
509-08010	Alter and Erect Structural Steel	Alter-Erect Str Steel	LS		X	X	X	Refer to project plans and specifications. Each alteration will have different requirements and products depending on the repair work needed.
509-08020	Alter and Erect Structural Steel	Alter-Erect Str Steel	LB		X	X	X	Refer to project plans and specifications. Each alteration will have different requirements and products depending on the repair work needed.
509-08100	Provide Temporary Support	Provide Temporary Support	LS	X				No material permanently installed
509-08102	Provide Temporary Support	Provide Temporary Support	EACH	X				No material permanently installed
509-08120	Temporary Bridge Deck	Temporary Bridge Deck	SF	X				No material permanently installed
509-08121	Temporary Bridge Deck	Temp Bridge Deck	LF	X				No material permanently installed
509-08201	Retrofit/Repair Type I	Retrofit/Repair Type I	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.

509-08202	Retrofit/Repair Type II	Retrofit/Repair Ty II	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
509-08203	Retrofit/Repair Type III	Retrofit/Repair Type III	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
509-08204	Retrofit/Repair Type IV	Retrofit/Repair Type IV	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
509-18055	Structural Steel (W 18x55)	Str Steel (W 18x55)	TON		X			BA required for iron / steel per FMM requirements.
509-20000	MC 12 x 50 Steel Sets (Install Only)	MC 12 x 50 Steel Sets (Inst Only)	LF	X				Installation of steel sets
509-20001	Steel Sets (Install Only)	Steel Sets (Install Only)	EACH	X				Installation of steel
509-50000	Corrugated Steel Bridge Plank	Cor Steel Br Plank	SF		X			BA required for iron / steel per FMM requirements.
509-50300	Timber Fastener (Galvanized)	Timber Fastener (Galv)	EACH		X			BA required for iron / steel per FMM requirements.
509-50400	Restraining Bracket	Restraining Bracket	EACH		X			BA required for iron / steel per FMM requirements.
509-50410	Metal Panels (New)	Metal Panels (New)	SF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other non-ferrous metal
509-50420	Air Flue Modifications	Air Flue Modifications	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
509-60000	Architectural Steel Refurbishment	Refurb Architectural Steel	L S		X	X	X	Refer to project plans and specifications. Each refurbishment will have different requirements and products depending on the repair work needed.
509-60100	Repair of Handrails and Supports	Repair Handrails & Supports	L S		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
509-60200	Access Screen Door	Access Screen Door	EACH			X		No BABA requirements; BA required for all iron and steel incorporated into the door including: <ul style="list-style-type: none"> • Framing • Flanges • Drip Cap • Latch Rail • Hinge Rail • Sweep • Expander • Closer • Handle • Screen • Strike Plate
509-90000	Paint Existing Structure(S)	Paint Existing Str(S)	L S	X				No BABA - paint is exempt from BABA documentation
509-90001	Paint Existing Structure	Paint Existing Structure	EACH	X				No BABA - paint is exempt from BABA documentation

509-90002	Paint Existing Structure (Special)	Paint Existing Structure (Special)	GAL	X				No BABA - paint is exempt from BABA documentation
509-90003	Paint Structural Steel	Paint Structural Steel	LS	X				No BABA - paint is exempt from BABA documentation
509-90004	Paint Existing Structure	Paint Existing Structure	SF	X				No BABA - paint is exempt from BABA documentation
509-90005	Paint Handrail	Paint Handrail	LF	X				No BABA - paint is exempt from BABA documentation
509-90010	Zinc Metalizing	Zinc Metalizing	SY				X	BABA required if composed of non ferrous metal, plastic/polymer/resin, or other construction material
510-00132	Structural Plate Pipe (132 Inch)	Str PP (132 In)	LF		X		X	BA required if consists of iron and steel mount BABA required if the pipe consists of a metal other than iron or steel
510-00138	Structural Plate Pipe (138 Inch)	Str PP (138 In)	LF		X		X	BA required if consists of iron and steel mount BABA required if the pipe consists of a metal other than iron or steel
510-00144	Structural Plate Pipe (144 Inch)	Str PP (144 In)	LF		X		X	BA required if consists of iron and steel mount BABA required if the pipe consists of a metal other than iron or steel
510-10079	Structural Plate Arch Pipe (5 Foot 10 Inch X 6 Foot 6 Inch)	Str PAP (5-10x6-6)	LF		X		X	BA required if consists of iron and steel mount BABA required if consists of a metal other than iron or steel (aluminium)
510-10087	Structural Plate Arch Pipe (5 Foot 10 Inch X 7 Foot 7 Inch)	Str PAP (5-10x7-7)	LF		X		X	BA required if consists of iron and steel mount BABA required if the pipe consists of a metal other than iron or steel
510-10159	Structural Plate Arch Pipe (15 Foot 10 Inch X 9 Foot 10 Inch)	Str PAP (15-10x9-10)	LF		X		X	BA required if consists of iron and steel mount BABA required if the pipe consists of a metal other than iron or steel
510-20021	Structural Plate Arch (9 Foot 0 Inch X 4 Foot 8-1/2 Inch)	Str PA (9-0x4-8.5)	LF		X		X	BA required if consists of iron and steel mount BABA required if the arch consists of a metal other than iron or steel
510-20025	Structural Plate Arch Pipe (13 foot 6 inch x 9 foot 6 inch)	Str PAP (13-6 x 9-6)	LF		X		X	BA required if consists of iron and steel mount BABA required if the arch consists of a metal other than iron or steel

510-20062	Structural Plate Arch (15 Foot 0 Inch X 7 Foot 5 Inch)	Str PA (15-0x7-5)	LF		X			BA required if consists of iron and steel mount BABA required if the arch consists of a metal other than iron or steel
510-20100	Structural Plate Arch (Special)	Str PA(Spec)	LF		X			BA required if consists of iron and steel mount BABA required if the arch consists of a metal other than iron or steel
511-00020	Structural Precast Concrete Arch Unit (20 to 30 Feet)	Str Precast Conc Arch Unit (20 to 30 Ft)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
511-00040	Structural Precast Concrete Arch Unit (40 to 50 Feet)	Str Precast Conc Arch Unit (40 to 50 Ft)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
512-00101	Bearing Device (Type I)	Bearing Device (Type I)	EACH		X			Refer to project plans and specifications concerning the bearing device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
512-00102	Bearing Device (Type II)	Bearing Device (Type II)	EACH		X			Refer to project plans and specifications concerning the bearing device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
512-00103	Bearing Device (Type III)	Bearing Device (Type III)	EACH		X			Refer to project plans and specifications concerning the bearing device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
512-00104	Bearing Device (Type III)(Install Only)	Bearing Dev (Ty III)(Inst Only)	EACH	X				Installation of bearing device

512-00105	Bearing Device (Type II) (Special)	Bearing Device (Ty II) (Spec)	EACH		X		X	<p>Refer to project plans and specifications concerning the bearing device and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
512-00114	Bearing Device (Type IV)	Bearing Device (Type IV)	EACH		X		X	<p>Refer to project plans and specifications concerning the bearing device and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
512-00115	Bearing Device (Type V)	Bearing Device (Type V)	EACH		X		X	<p>Refer to project plans and specifications concerning the bearing device and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
512-00118	Bearing Device (Special)	Bearing Device (Spec)	EACH		X		X	<p>Refer to project plans and specifications concerning the bearing device and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
512-00120	Bearing Repair Corbel	Bearing Repair Corbel	EACH		X	X	X	<p>Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.</p>
513-00600	Bridge Drain	Bridge Drain	EACH		X		X	<p>Refer to project plans and specifications concerning the bridge drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
513-00606	Bridge Drain (6 Inch)	Bridge Drain (6 In)	EACH		X		X	<p>Refer to project plans and specifications concerning the bridge drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

								Refer to project plans and specifications concerning the bridge drain and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
513-00608	Bridge Drain (8 Inch)	Bridge Drain (8 In)	EACH		X		X	
								Refer to project plans and specifications concerning the bridge drain and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
513-00690	Bridge Drain (Special)	Bridge Drain (Spec)	EACH		X		X	
513-00691	Bridge Drain (Special) (Install Only)	Inst Bridge Drain (Spec)	EACH	X				Installation of bridge drain
								BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other non-ferrous metal
514-00000	Pipe Railing	Pipe Railing	LF		X		X	
								BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
514-00042	Pedestrian Railing (42 Inch)	Ped Railing (42 In)	LF		X		X	
								BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
514-00048	Pedestrian Railing (48 Inch)	Ped Railing (48 In)	LF		X		X	
								BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
514-00054	Pedestrian Railing (54 Inch)	Ped Railing (54 In)	LF		X		X	
								BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
514-00100	Hand Rail	Hand Rail	LF		X		X	
514-00200	Pedestrian Railing (Steel)	Pedestrian Railing (Steel)	LF		X			BA required for iron / steel per FMM requirements.
514-00201	Pedestrian Railing (Steel)(Special)	Ped Railing (Steel) (Spec)	LF		X			BA required for iron / steel per FMM requirements.
514-00300	Traffic Railing (Steel)	Traffic Railing (Steel)	LF		X			BA required for iron / steel per FMM requirements.
								BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
514-01010	Pedestrian Railing (Aluminum)	Pedestrian Railing (Alum)	LF				X	
514-01011	Bridge Rail (Steel)	Bridge Rail (Steel)	LF		X			BA required for iron / steel per FMM requirements.

								BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
514-01017	Combination Pedestrian and Traffic Rail (Special)	Combination Rail (Spec)	LF		X			X
514-01020	Pedestrian Railing (Timber)	Pedestrian Railing (T)	LF					X
514-01030	Bikeway Railing (Timber)	Bikeway Railing (T)	LF					X
514-01040	Bikeway Railing (Steel)	Bikeway Railing (S)	LF		X			
514-01050	Hand and Bikeway Railing	Hand and Bikeway Railing	LF		X			X
514-01100	Perforated Aluminum Panel	Perforated Aluminum Panel	SF					X
514-02100	Install Panel Restraining Tubing	Inst Panel Restraining Tubing	LF		X			
514-02150	Install Anchor Bolt	Inst Anchor Bolt	EACH		X			
514-03411	Retaining Wall (1) (Alternative Systems)	Retaining Wall (1) (Alternative Systems)	SF		X			X
515-00120	Waterproofing (Membrane)	Waterproofing (Membrane)	SY		X		X	X
515-00121	Waterproofing (Membrane)	Waterproofing (Membrane)	LF		X		X	X

515-00122	Waterproofing (Membrane)(Special)	Waterproofing (Membrane) (Spec)	SY	X		X	X	<p>Refer to project plans and specifications concerning the waterproofing membrane and other components.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies for iron / steel per FMM requirements</p>
515-00124	Waterproofing (Membrane) (Spray Applied)	Waterproofing (Membrane) (Spray Applied)	SY	X		X	X	<p>Refer to project plans and specifications concerning the waterproofing membrane and other components.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies for iron / steel per FMM requirements</p>
515-00200	Waterproofing (Duct Floor)	Waterproofing (Duct Floor)	SY	X		X	X	<p>Refer to project plans and specifications concerning the waterproofing duct floor and other components.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies for iron / steel per FMM requirements</p>
515-00250	Tunnel Drainage Membrane Lining	Tunnel Drain Membr Lining	LF	X		X	X	<p>Refer to project plans and specifications concerning the membrane lining and other components.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies for iron / steel per FMM requirements</p>
515-00251	Tunnel Drainage Membrane Lining	Tunnel Drain Membr Lining	SY	X		X	X	<p>Refer to project plans and specifications concerning the membrane lining and other components.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies for iron / steel per FMM requirements</p>
515-00300	Waterproof Coating	Waterproof Coating	SY					<p>Refer to project plans and specifications concerning the waterproof coating and other components.</p> <p>BA required for iron / steel per FMM requirements.</p>

515-00400	Concrete Sealer	Concrete Sealer	SY	X				No BABA - paint is exempt from BABA documentation
515-00402	Furnish Concrete Sealer (HMWM Resin)	Furnish Concrete Sealer (HMWM Resin)	GAL	X				No BABA - paint is exempt from BABA documentation
515-00404	Place Concrete Sealer (HMWM Resin)	Place Concrete Sealer (HMWM Resin)	SF	X				Labor, personal time - installation
515-00410	Concrete Sealer (Calcium Nitrite)	Concrete Sealer (Calcium Nitrite)	SY	X				No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements
515-00500	Corrosion Inhibitor (Penetrating)	Corrosion Inhibitor (Penetrating)	SY	X				No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements
516-00000	Damp Proofing (Asphalt)	Dampproofing (Asphalt)	SY	X				No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements
517-00000	Waterproofing (Asphalt)	Waterproofing (Asphalt)	SY	X				No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements
517-00050	Waterproofing (Joint)	Waterproofing (Joint)	LF				X	BABA - plastic/polymer based product
517-00100	Waterproofing (Railroad)	Waterproofing (Railroad)	SY	X				No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements
518-00000	Bridge Compression Joint Sealer	Brdg Compress Joint Sealer	LF				X	BABA - plastic/polymer based product
518-00010	Roadway Compression Joint Sealer	Rdwy Compress Joint Sealer	LF				X	BABA - plastic/polymer based product
518-00100	Waterstop	Waterstop	LF				X	BABA - plastic/polymer based product
518-00106	Waterstop (6 Inch)	Waterstop (6 In)	LF				X	BABA - plastic/polymer based product
518-00109	Waterstop (9 Inch)	Waterstop (9 In)	LF				X	BABA - plastic/polymer based product
518-00112	Waterstop (12 Inch)	Waterstop (12 In)	LF				X	BABA - plastic/polymer based product
518-00206	Waterstop (Split Type) (6 Inch)	Waterstop (Split Ty) (6 In)	LF				X	BABA - plastic/polymer based product
518-01001	Bridge Expansion Joint (Asphaltic Plug)	Br Expan Joint (Asphaltic Plug)	LF	X				No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements.
518-01002	Bridge Expansion Device (0-2 Inch)	Br Expan Device (0-2 In)	LF			X	X	BABA required if composed of aluminum, plastic/polymer, or other construction material
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements.
518-01004	Bridge Expansion Device (0-4 Inch)	Br Expan Device (0-4 In)	LF			X	X	BABA required if composed of aluminum, plastic/polymer, or other construction material
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements.
518-01005	Bridge Expansion Device (0-4 Inch)(with Snow Plow Plates)	Br Expan Device (0-4 In)(with SPP)	LF			X	X	BABA required if composed of aluminum, plastic/polymer, or other construction material

								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01006	Bridge Expansion Device (0-6 Inch)	Br Expan Device (0-6 In)	LF			X	X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01009	Bridge Expansion Device (0-9 Inch)	Br Expan Device (0-9 In)	LF			X	X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01012	Bridge Expansion Device (0-12 Inch)	Br Expan Device (0-12 In)	LF			X	X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01015	Bridge Expansion Device (0-15 Inch)	Br Expan Device (0-15 In)	LF			X	X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01018	Bridge Expansion Device (0-18 Inch)	Br Expan Device (0-18 In)	LF			X	X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01050	Bridge Expansion Device (Special)	Br Expan Device (Special)	LF			X	X	

								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01055	Bridge Expansion Device (Contraction)	Bridge Exp Dev (Contr)	LF		X		X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01060	Bridge Expansion Device (Gland) (0-4 Inches)	Br Expan Device (Gland) (0-4 In)	LF		X		X	
518-01104	Bridge Expansion Device (0-4 Inch) (Install Only)	Inst Br Expan Device (0-4 In)	LF	X				Installation of expansion device
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01109	Bridge Expansion Device (Greater Than 4 In) (Install Only)	Inst Br Expan Device (Greater Than 4 In)	LF		X		X	
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01201	Bridge Expansion Device (Type 1)	Br Expan Device (Type 1)	LF		X		X	
								Refer to project plans and specifications concerning the bridge expansion cover plate and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01250	Bridge Expansion Cover Plate	Br Expan Cover Plate	LF		X		X	
518-01254	Expansion Joint (Fiber Reinforced Plastic) Eisenhower Johnson Memorial Tunnel	Expansion Joint (FRP) EJMT	LF				X	BABA - plastic/polymer based product
								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01304	Bridge Expansion Device (Neoprene) (0-4 Inch)	Br Expan Device (Neoprene) (0-4 In)	LF		X		X	

								Refer to project plans and specifications concerning the bridge expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
518-01309	Bridge Expansion Device (Neoprene)(0-9 Inch)	Br Expan Device (Neoprene) (0-9 In)	LF		X		X	
518-02000	Elastomeric Concrete End Dam	Elastomeric Conc End Dam	LF				X	BABA - plastic/polymer based product
518-02010	Elastomeric Concrete End Dam	Elastomeric Conc End Dam	CF				X	BABA - plastic/polymer based product
518-02030	Polyester Concrete End Dam	Polyester Conc End Dam	CF				X	BABA - plastic/polymer based product
518-02100	Polymer Mortar End Dam	Polymer Mortar End Dam	CF				X	BABA - plastic/polymer based product
								Refer to project plans and specifications concerning the sealing bridge joint and other components. BABA - plastic/polymer based product
518-03000	Sawing and Sealing Bridge Joint	Saw and Seal Br Joint	LF		X		X	
518-03100	Rapid Cure Silicone Joint Seal	Rapid Cure Silicone Jt Seal	LF				X	BABA - plastic/polymer based product
518-03110	Preformed Silicone Joint Sealant	Preform Silicone Jt Seal	LF				X	BABA - plastic/polymer based product
519-00100	Epoxy	Epoxy	GAL				X	BABA - Plastic/Polymer based product
519-01000	Epoxy Resin (Injection)	Epoxy Resin (Injection)	LF				X	BABA - Plastic/Polymer based product
519-01050	Epoxy Resin Crack Sealer	Epoxy Resin Crack Sealer	SF				X	BABA - Plastic/Polymer based product
519-01100	Epoxy Mortar (Injection)	Epoxy Mortar (Injection)	LF				X	BABA - Plastic/Polymer based product
519-01200	Epoxy Mortar (Patching)	Epoxy Mortar (Patching)	CF				X	BABA - Plastic/Polymer based product
519-01300	Polyurethane Resin	Polyurethane Resin	LB				X	BABA - Plastic/Polymer based product
								Refer to project plans and specifications concerning the corner monuments and other components. BA required for iron / steel per FMM requirements.
519-02000	Corner Monuments	Corner Monuments	EACH		X		X	
519-03000	Thin Bonded Epoxy Overlay	Thin Bonded Epoxy Overlay	SY				X	BABA - plastic/polymer based product
519-03030	Thin Bonded Overlay (Polyester Concrete)	Thin Bonded Overlay (Poly Conc)	SY				X	BABA - plastic/polymer based product not for aggregates used.
519-03035	Place Thin Bonded Overlay (Polyester Concrete)	Place Thin Bond Overlay (Poly Conc)	SY				X	BABA - plastic/polymer based product
519-03040	Thin Bonded Overlay (Polyester Concrete)	Thin Bonded Overlay (Poly Conc)	CY				X	BABA - plastic/polymer based product
519-03050	Thin Bonded Overlay (Polyester Concrete)	Thin Bonded Overlay (Poly Conc)	CF				X	BABA - plastic/polymer based product
519-03055	Furnish Thin Bonded Overlay (Polyester Concrete)	Furnish Thin Bond Overlay (Poly Conc)	CF				X	BABA - plastic/polymer based product

520-00000	Bridge Hanger Cable Assembly	Bridge Hanger Cable Assembly	LS		X	X	X	Refer to project plans and specifications concerning the bridge hanger cable assembly and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
521-00000	Slurry Cut-Off Wall	Slurry Cut-Off Wall	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel, per FMM requirements
521-00003	Slurry Wall Washing	Slurry Wall Washing	SF	X				No BABA - water and labor are exempt
521-00009	Excess Slurry Loss	Excess Slurry Loss	CY	X				Loss of material
521-00010	Slurry Cut Off Wall (Concrete T Wall)	Slurry Wall (Conc T Wall)	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
521-00024	Slurry Cut-Off Wall (Concrete Diaphragm) (24 In)	Slurry Wall (Conc Diaph) (24 In)	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
521-00036	Slurry Cut Off Wall (Concrete Diaphragm) (36 In)	Slurry Wall (Conc Diaph) (36 In)	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
521-00042	Slurry Cut Off Wall (Concrete Diaphragm) (42 In)	Slurry Wall (Conc Diaph) (42 In)	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
521-00048	Slurry Cut Off Wall (Concrete Diaphragm) (48 In)	Slurry Wall (Conc Diaph) (48 In)	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
521-00060	Slurry Wall	Slurry Wall	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
522-00000	Natina Treatment Galvanized	Natina Treatment Galv	LS	X				No BA or BABA - paint is exempt

601-01000	Concrete Class B	Conc CL B	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-01010	Concrete Class BZ	Conc CL BZ	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-01025	Concrete Class B (Miscellaneous)	Conc CL B (Misc)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-01030	Concrete Class B (Box Culvert)	Conc CL B (Box)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-01040	Concrete Class B (Bridge)	Conc CL B (Bridge)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-01050	Concrete Class B (Wall)	Conc CL B (Wall)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03000	Concrete Class D	Conc CL D	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03020	Concrete Class D (Miscellaneous)	Conc CL D (Misc)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03025	Concrete Class D (Miscellaneous) (Colored)	Conc CL D (Misc) (C)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03027	Concrete Class D (Special)	Conc CL D (Spec)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03030	Concrete Class D (Box Culvert)	Conc CL D (Box)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel

601-03040	Concrete Class D (Bridge)	Conc CL D (Bridge)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03041	Concrete Class D (Bridge) (Special)	Conc CL D (Bridge) (Spec)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03050	Concrete Class D (Wall)	Conc CL D (Wall)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03052	Concrete Class D (Wall) (Colored)	Conc CL D (Wall) (C)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03055	Concrete Class D (Wall) (Special)	Conc CL D (Wall) (Spec)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03056	Concrete Class DF	Conc CL DF	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03057	Concrete Class DR	Conc CL DR	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03540	Concrete Class DT (Deck Topping)	Conc CL DT (Deck Topping)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-03550	Concrete Class DTR	Conc CL DTR	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-04000	Concrete Class E	Conc CL E	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-04100	Concrete Class E (Bridge)	Conc CL E (Bridge)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel

601-04550	Concrete Class G	Conc CL G	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05000	Concrete Class H	Conc CL H	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05001	Concrete Class H (Bridge)	Conc CL H (Bridge)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05010	Concrete Class H (Special)	Conc CL H (Sp)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05012	Concrete Class KS	Conc CL KS	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05016	Concrete Class P	Conc CL P	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05018	Concrete Class PRS	Conc CL PRS	SY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05020	Concrete Class R	Conc CL R	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05035	Concrete Class S35	Conc CL S35	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05045	Concrete Class S40	Conc CL S40	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05050	Concrete Class S50	Conc CL S50	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel

601-05540	Concrete Class HT (Deck Topping)	Conc CL HT (Deck Topping)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-05900	Concrete Self Consolidating	Conc SC	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06000	Latex Modified Concrete Placement	Latex Modified Concrete Placement	SY	X				No BABA - concrete placement
601-06002	Latex Modified Concrete	Latex Modified Concrete	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06020	Concrete (Patching) (Polymer)	Conc (Patching) (Polymer)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06100	Concrete (Patching)	Conc (Patching)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06102	Concrete (Patching)	Concrete (Patching)	CF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06150	Concrete (Patching)	Conc (Patching)	SF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06164	Concrete (Patching)(Fast Curing)	Conc (Patching)(Fast Curing)	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06165	Concrete (Patching)(Fast Curing)	Conc (Patching)(Fast Curing)	CF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06175	Concrete (Place)	Conc (Place)	CY	X				Concrete placement
601-06250	Calcium Nitrite	Calcium Nitrite	GAL	X				No BABA - chemical product
601-06300	Cement Grout	Cement Grout	CF	X				No BA or BABA required if composed only of grout BA required if grout has reinforcing steel

601-06400	Grout (Bridge)(Special)	Grout (Bridge)(Spec)	CF	X				No BA or BABA required if composed only of grout BA required if grout has reinforcing steel
601-06402	Grout (Bridge) (Ultra High Performance Concrete)	Grout (Bridge) (UHPC)	CF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06404	Concrete (Ultra High Performance Concrete)	Concrete (UHPC)	CF	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-06405	Contact Grouting	Contact Grouting	CY	X				No BABA - Concrete, cement, grout, and asphalt are exempt
601-07000	Concrete Retaining Wall	Conc Retaining Wall	SF	X	X	X	X	Refer to project plans and specifications concerning the concrete retaining wall and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
601-10200	Mud Jacking	Mud Jacking	HOUR	X				Labor, personnel/equipment time
601-10250	Slab Jacking	Slab Jacking	LB	X	X	X	X	Refer to project plans and specifications concerning the slab jacking and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
601-10310	Fly Ash Slurry	Fly Ash Slurry	CY	X				No BABA - Concrete, cement, grout, and asphalt are exempt
601-10320	Lime - Fly Ash Slurry Pressure Injection	Lime-Fly Ash Injection	CF	X				No BABA - Concrete, cement, grout, and asphalt are exempt
601-10330	Portland Cement - Fly Ash Slurry Pressure Injection	Port Cement-Fly Ash Injection	CF	X				No BABA - Concrete, cement, grout, and asphalt are exempt

								Refer to project plans and specifications concerning the slab stabilization and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
601-10350	Slab Stabilization	Slab Stabilization	EACH	X	X	X	X	
601-10400	Drilled Hole	Drilled Hole	EACH	X				Labor, personnel/equipment time
								Refer to project plans and specifications concerning the concrete lining and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
601-12072	Concrete Lining (72 Inch Conduit)	Conc Lining (72 In Cond)	LF		X		X	
								Refer to project plans and specifications concerning the concrete lining and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
601-12084	Concrete Lining (84 Inch Conduit)	Conc Lining (84 In Cond)	LF		X		X	
								Refer to project plans and specifications concerning the concrete lining and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
601-12120	Concrete Lining (120 Inch Conduit)	Conc Lining (120 In Cond)	LF		X		X	
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-13000	Final Lining Concrete (Portals)	Final Lin Conc (Portals)	CY	X	X			
601-13001	Structural Concrete Stain (Special)	Str Conc Stain (Special)	SY	X				No BABA - paint and stains are exempt
								No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-13002	Final Lining Concrete Footing	Final Lin Conc Foot	CY	X	X			

601-13003	Final Lining Concrete Walls and Arch	Final Lin Conc Walls and Arch	CY	X	X			No BA or BABA required if composed only of concrete BA required if concrete has reinforcing steel
601-14000	Concrete Footing (Type 1)	Conc Footing (Ty 1)	LF	X	X			No BA or BABA required composed only of concrete BA required if concrete has reinforcing steel
601-14002	Concrete Footing (Type 2)	Conc Footing (Ty 2)	LF	X	X			No BA or BABA required composed only of concrete BA required if concrete has reinforcing steel
601-21000	Precast Wall Segment	Precast Wall Seg	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-21003	Precast Wall Segment	Precast Wall Seg	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-21004	Precast Wall Segment (Furnish Only)	Furn Precast Wall Seg	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-21010	Precast Concrete Unit	Precast Concrete Unit	CY		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-22000	Precast Concrete Curtain Wall	Precast Conc Curtain Wall	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-22010	Place Precast Wall Segment	Place Precast Wall Seg	EACH	X				Installation of wall segment
601-25730	Precast Concrete Deck Panel (3 Inch)	Precast Deck Panel (3 In)	SY		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-25735	Precast Concrete Deck Panel (3.5 Inch)	Precast Deck Panel (3.5 In)	SY		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-25736	Precast Concrete Deck Panel (3 Inch) (Install Only)	Precast Deck Panel (3 In) (Install Only)	SY	X				Installation of deck panel

								Refer to project plans and specifications concerning modifications to the existing bridge and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
601-25750	Modifications to Existing Bridge	Mod Exist Bridge	LS	X	X	X	X	
601-25900	Tile-Faced Precast Concrete Panels	Tile-Faced Precast Conc Panels	SF	X	X	X	X	BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-25901	Repair Existing Panels	Repair Existing Panels	SF		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
601-25905	Tunnel Formwork (Furnish Only)	Tunnel Frmwrk (Furn Only)	LS	X				Labor, personnel/equipment time
601-26000	Precast Concrete Cap (Decorative) (Special)	Precast Conc Cap (Dec)(Spec)	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-27000	Precast Concrete Abutment Cap	Precast Conc Abut Cap	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-28000	Precast Concrete End Diaphragm	Precast Conc End Diaphragm	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
601-30000	Stone Fascia	Stone Fascia	SF	X	X			BA required for any of iron and steel pins, ties, or brackets per FMM requirements No BABA for veneer – masonry and aggregate are exempt
601-40000	Masonry Veneer	Masonry Veneer	SF	X	X			BA required for any of iron and steel pins, ties, or brackets per FMM requirements No BABA for veneer – masonry and aggregate are exempt
601-40002	Masonry Veneer (Brick)	Masonry Veneer (Brick)	SF	X	X			BA required for any of iron and steel pins, ties, or brackets per FMM requirements No BABA for veneer – masonry and aggregate are exempt

601-40005	Cut Stone Veneer	Cut Stone Veneer	SF	X	X		BA required for any of iron and steel pins, ties, or brackets per FMM requirements No BABA for veneer – masonry and aggregate are exempt
601-40006	Cut Stone Veneer (Slab)	Cut Stone Veneer (Slab)	SF	X	X		BA required for any of iron and steel pins, ties, or brackets per FMM requirements No BABA for veneer – masonry and aggregate are exempt
601-40007	Cut Stone Veneer (Ashler)	Cut Stone Veneer (Ashler)	SF	X	X		BA required for any of iron and steel pins, ties, or brackets per FMM requirements No BABA for veneer – masonry and aggregate are exempt
601-40010	Masonry Wall	Masonry Wall	SF	X	X	X	BA required for any of iron and steel pins, ties, or brackets per FMM requirements BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA for veneer – masonry and aggregate are exempt
601-40100	Concrete Anchor	Concrete Anchor	EACH		X		BA required for reinforcing iron / steel per FMM requirements.
601-40200	Class 5 Finish	Class 5 Finish	SF	X			Labor, personnel/equipment time
601-40210	Concrete Finish (Special)	Conc Finish (Spec)	SF	X			Labor, personnel/equipment time
601-40250	Bridge Deck Finish (Sawed Grooves)	Bridge Deck Finish (Saw Grv)	SY	X			Labor, personnel/equipment time
601-40300	Structural Concrete Coating	Struct Conc Coating	SY	X			Paints and coatings are exempt from BABA requirements.
601-40301	Structural Concrete Coating	Struct Conc Coating	SF	X			Paints and coatings are exempt from BABA requirements.
601-40302	Structural Concrete Coating (Anti-Graffiti)	Struct Conc Coating (Anti-Graf)	SF	X			Paints and coatings are exempt from BABA requirements.
601-40400	Structural Concrete Stain	Struct Conc Stain	SY	X			Paints and coatings are exempt from BABA requirements.
601-40401	Structural Concrete Stain	Struct Conc Stain	SF	X			Paints and coatings are exempt from BABA requirements.
601-40410	Environmental Concrete Stain	Environ Conc Stain	SF	X			Paints and coatings are exempt from BABA requirements.
601-40600	Concrete Tinting	Concrete Tinting	SY	X			Paints and coatings are exempt from BABA requirements.
601-40900	Paint Existing Structure	Paint Existing Structure	LS	X			Labor, personnel/equipment time
601-50000	Glazed Wall Tile	Glazed Wall Tile	SF	X			No BABA - masonry block exempt from BABA requirements
601-50010	Glazed Wall Tile (Spare)	Glazed Wall Tile (Spare)	EACH	X			No BABA - masonry block exempt from BABA requirements

601-51000	Galvanic Anodes	Galvanic Anodes	LS		X			No BABA – manufactured product BA required for reinforcing iron / steel per FMM requirements.
601-51005	Galvanic Anodes	Galvanic Anodes	EACH		X			No BABA – manufactured product BA required for reinforcing iron / steel per FMM requirements.
601-51007	Galvanic Anodes (Install Only)	Galvanic Anodes (Install Only)	EACH	X				Installation of anodes
602-00000	Reinforcing Steel	Reinf Steel	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00010	Reinforcing Steel (Galvanized)	Reinf Steel (Galv)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00011	Reinforcing Steel (High Performance)	Reinf Steel (HP)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00020	Reinforcing Steel (Epoxy Coated)	Reinf Steel (Epoxy)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00025	Reinforcing Steel (Stainless)	Reinf Steel (Stainless)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00026	Reinforcing Steel (Final Lining)(Footing)(Epoxy Coated)	Reinf Steel (Fin Lin)(Ftg)(Epxy Coat)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00027	Reinforcing Steel (Final Lining)(Walls and Arch)	Reinf Steel (Fin Lin)(Walls and Arch)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00028	Reinforcing Steel (Final Lining)(Walls)(Epoxy Coated)	Reinf Steel (Fin Lin)(Walls)(Epxy Coat)	LB		X			BA required for reinforcing iron / steel per FMM requirements.
602-00030	Reinforcing (Fiber Reinforced Polymer)(Surface)	Reinf (FRP)(Surface)	MKFT				X	BABA - plastic/polymer based product
602-00050	Reinforcing (Fiber Reinforced Plastic)	Reinforcing (FRP)	CY				X	BABA - plastic/polymer based product
602-00060	Reinforcing Steel Splice	Reinf Steel Splice	EACH		X			BA required for reinforcing iron / steel per FMM requirements.
602-00070	Reinf (Fiber Reinforcement) (Surface)	Reinf (Fiber Reinf) (Surface)	MKFT				X	BABA - plastic/polymer based product
602-00200	Weld Reinforcing Steel	Weld Reinf Steel	EACH		X			BA required for reinforcing iron / steel per FMM requirements.
602-00210	Welded Wire Fabric	Welded Wire Fabric	SY		X			BA required for reinforcing iron / steel per FMM requirements.
603-00000	Culvert Lining	Culvert Lining	LF		X		X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

603-00001	Annular Space Grouting	Annular Space Grouting	CY	X	X		<p>Refer to project plans and specifications concerning the annular space grouting and other components.</p> <p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>No BABA - concrete, cement, grout, and asphalt are exempt</p>
603-00010	Culvert Lining	Culvert Lining	SF		X	X	<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00015	Culvert Lining (15 Inch)	Culvert Lining (15 In)	LF		X	X	<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00018	Culvert Lining (18 Inch)	Culvert Lining (18 In)	LF		X	X	<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00024	Prepare Culvert Pipe (24 Inch)	Prep Culvert Pipe (24 In)	LF	X			Installation of culvert pipe
603-00025	Culvert Lining (24 Inch)(Special)	Culvert Lining (24 Inch) (Special)	LF		X	X	<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00026	Culvert Lining (24 Inch)	Culvert Lining (24 In)	LF		X	X	<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

603-00029	Prepare Culvert Pipe (30 Inch)	Prep Culvert Pipe (30 In)	LF	X				Installation of culvert pipe Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00030	Culvert Lining (30 Inch)	Culvert Lining (30 In)	LF		X		X	
603-00035	Prepare Culvert Pipe (36 Inch)	Prep Culvert Pipe (36 In)	LF	X				Installation of culvert pipe Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00036	Culvert Lining (36 Inch)	Culvert Lining (36 In)	LF		X		X	
603-00037	Culvert Lining (36 Inch) (Install Only)(Jacked)	Inst Culvert Lining (36 In)(J)	LF	X				Installation of culvert pipe Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00038	Culvert Lining (36 Inch)(Special)	Culvert Lining (36 In)(Spec)	LF		X		X	
603-00040	Culvert Lining (40 Inch)	Culvert Lining (40 In)	LF		X		X	
603-00041	Prepare Culvert Pipe (42 Inch)	Prep Culvert Pipe (42 In)	LF	X				Installation of culvert pipe Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00042	Culvert Lining (42 Inch)	Culvert Lining (42 Inch)	LF		X		X	

603-00043	Culvert Lining (42 Inch)(Spray Applied)	Culvert Lining (42 In) (Spray App)	LF		X			<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00045	Culvert Lining (36")(Spray Applied)	Culvert Lining (36")(Spray App)	LF		X			<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00046	Culvert Lining (36")(Slip)	Culvert Lining (36")(Slip)	LF		X			<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00047	Prepare Culvert Pipe (48 Inch)	Prepare Culvert Pipe (48 In)	LF	X				Installation of culvert pipe
603-00048	Culvert Lining (48 Inch)	Culvert Lining (48 In)	LF		X			<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00049	Culvert Lining (48 Inch)(Special)	Culvert Lining (48 Inch) (Special)	LF		X			<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
603-00051	Culvert Lining (48 Inch)(Slip)	Culvert Lining (48 In)(Slip)	LF		X			<p>Refer to project plans and specifications concerning the culvert lining and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00052	Culvert Lining (48 Inch)(Spray Applied)	Culvert Lining (48 In)(Spray App)	LF		X		X	
603-00053	Prepare Culvert Pipe (54 Inch)	Prep Culvert Pipe (54 In)	LF	X				Installation of culvert pipe
								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00054	Culvert Lining (54 Inch)	Culvert Lining (54 In)	LF		X		X	
								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00057	Culvert Lining (54 Inch)(Slip)	Culvert Lining (54 In)(Slip)	LF		X		X	
								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00058	Culvert Lining (54 Inch)(Spray Applied)	Culvert Lining (54 In)(Spray App)	LF		X		X	
								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00060	Culvert Lining (60 Inch)	Culvert Lining (60 In)	LF		X		X	
603-00061	Prepare Culvert Pipe (60 Inch)	Prep Culvert Pipe (60 In)	LF	X				Installation of culvert pipe

603-00062	Culvert Lining (60 Inch)(Special)	Culvert Lining (60 Inch) (Special)	LF		X			Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00064	Culvert Lining (60 Inch)(Slip)	Culvert Lining (60 In)(Slip)	LF		X			Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00065	Culvert Lining (60 Inch)(Spray Applied)	Culvert Lining (60 In)(Spray App)	LF		X			Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00066	Culvert Lining (66 Inch)	Culvert Lining (66 In)	LF		X			Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00072	Culvert Lining (72 Inch)	Culvert Lining (72 In)	LF		X			Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00073	Culvert Lining (72 Inch)(Special)	Culvert Lining (72 Inch) (Special)	LF		X			Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00077	Prepare Culvert Pipe (78 Inch)	Prep Culvert Pipe (78 In)	LF	X				Installation of culvert pipe

								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00078	Culvert Lining (78 Inch)	Culvert Lining (78 In)	LF		X		X	
603-00080	8 Inch Non-Reinforced Concrete Pipe	8 In NRCP	LF	X				No BA or BABA required since composed only of concrete
603-00084	Culvert Lining (84 Inch)	Culvert Lining (84 In)	LF		X		X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00087	Culvert Lining (84 Inch)(Slip)	Culvert Lining (84 In)(Slip)	LF		X		X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00088	Culvert Lining (84 Inch)(Spray Applied)	Culvert Lining (84 In)(Spray App)	LF		X		X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00097	Culvert Lining (96 Inch)(Spray Applied)	Culvert Lining (96 In)(Spray App)	LF		X		X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00100	10 Inch Non-Reinforced Concrete Pipe	10 In NRCP	LF	X				No BA or BABA required since composed only of concrete

								Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00108	Culvert Lining (108 Inch)	Culvert Lining (108 In)	LF		X		X	
603-00120	12 Inch Non-Reinforced Concrete Pipe	12 In NRCP	LF	X				No BA or BABA required since composed only of concrete
603-00123	Culvert Lining (120 Inch)	Culvert Lining (120 In)	LF		X		X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-00200	Pipe Protection	Pipe Protection	LS		X	X	X	Refer to project plans and specifications concerning the pipe protection and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
603-00300	Pipe Anchor	Pipe Anchor	EACH		X	X	X	Refer to project plans and specifications concerning the pipe anchor and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
603-01120	12 Inch Reinforced Concrete Pipe	12 In RCP	LF		X			BA required for reinforcing steel per FMM requirements.
603-01125	12 Inch Reinforced Concrete Pipe (Complete In Place)	12 In RCP (CIP)	LF		X			BA required for reinforcing steel per FMM requirements.
603-01150	15 Inch Reinforced Concrete Pipe	15 In RCP	LF		X			BA required for reinforcing steel per FMM requirements.
603-01155	15 Inch Reinforced Concrete Pipe (Complete In Place)	15 In RCP (CIP)	LF		X			BA required for reinforcing steel per FMM requirements.
603-01180	18 Inch Reinforced Concrete Pipe	18 In RCP	LF		X			BA required for reinforcing steel per FMM requirements.
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	18 In RCP (CIP)	LF		X			BA required for reinforcing steel per FMM requirements.
603-01186	18 Inch Reinforced Concrete Pipe (Complete In Place)(Install Only)	Inst 18 In RCP (CIP)	LF	X				Installation of concrete pipe

603-01210	21 Inch Reinforced Concrete Pipe	21 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01215	21 Inch Reinforced Concrete Pipe (Complete In Place)	21 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01240	24 Inch Reinforced Concrete Pipe	24 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01245	24 Inch Reinforced Concrete Pipe (Complete In Place)	24 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01246	24 Inch Reinforced Concrete Pipe (Complete In Place)(Install Only)	Inst 24 In RCP (CIP)	LF	X			Installation of concrete pipe
603-01270	27 Inch Reinforced Concrete Pipe	27 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01275	27 Inch Reinforced Concrete Pipe (Complete In Place)	27 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01300	30 Inch Reinforced Concrete Pipe	30 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01305	30 Inch Reinforced Concrete Pipe (Complete In Place)	30 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01330	33 Inch Reinforced Concrete Pipe	33 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01335	33 Inch Reinforced Concrete Pipe (Complete In Place)	33 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01360	36 Inch Reinforced Concrete Pipe	36 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01365	36 Inch Reinforced Concrete Pipe (Complete In Place)	36 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01420	42 Inch Reinforced Concrete Pipe	42 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01425	42 Inch Reinforced Concrete Pipe (Complete In Place)	42 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01480	48 Inch Reinforced Concrete Pipe	48 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01485	48 Inch Reinforced Concrete Pipe (Complete In Place)	48 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01540	54 Inch Reinforced Concrete Pipe	54 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01545	54 Inch Reinforced Concrete Pipe (Complete In Place)	54 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01572	91x58 Inch Reinforced Concrete End Section Elliptical	91x58 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-01600	60 Inch Reinforced Concrete Pipe	60 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01605	60 Inch Reinforced Concrete Pipe (Complete In Place)	60 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01660	66 Inch Reinforced Concrete Pipe	66 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01665	66 Inch Reinforced Concrete Pipe (Complete In Place)	66 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01720	72 Inch Reinforced Concrete Pipe	72 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.

603-01725	72 Inch Reinforced Concrete Pipe (Complete In Place)	72 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01780	78 Inch Reinforced Concrete Pipe	78 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01785	78 Inch Reinforced Concrete Pipe (Complete In Place)	78 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01840	84 Inch Reinforced Concrete Pipe	84 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01845	84 Inch Reinforced Concrete Pipe (Complete In Place)	84 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01900	90 Inch Reinforced Concrete Pipe	90 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01905	90 Inch Reinforced Concrete Pipe (Complete In Place)	90 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-01960	96 Inch Reinforced Concrete Pipe	96 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-01980	108 Inch Reinforced Concrete Pipe	108 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02115	Culvert Lining (21 x 15 Inch)	Culvert Lining (21 x 15 in)	LF		X	X	Refer to project plans and specifications concerning the culvert lining and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
603-02155	18x12 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	18x12 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02180	23x14 Inch Reinforced Concrete Pipe Elliptical	23x14 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02185	23x14 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	23x14 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02240	30x19 Inch Reinforced Concrete Pipe Elliptical	30x19 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02245	30x19 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	30x19 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02246	30x19 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)(Install Only)	Inst 30x19 In RCP (CIP)	LF	X			Installation of concrete pipe
603-02270	34x22 Inch Reinforced Concrete Pipe Elliptical	34x22 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02271	34 x 22 Inch Reinforced Concrete Pipe Elliptical (Complete in Place)	34x22 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02272	34 x 22 Inch Reinforced Concrete End Section Elliptical	34x22 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-02300	38x24 Inch Reinforced Concrete Pipe Elliptical	38x24 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02305	38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	38x24 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02306	38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)(Install Only)	Inst 38x24 In RCP (CIP)	LF	X			Installation of concrete pipe

603-02360	45x29 Inch Reinforced Concrete Pipe Elliptical	45x29 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02365	45x29 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	45x29 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02390	49x32 Inch Reinforced Concrete Pipe Elliptical	49x32 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02420	53x34 Inch Reinforced Concrete Pipe Elliptical	53x34 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02425	53x34 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	53x34 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02480	60x38 Inch Reinforced Concrete Pipe Elliptical	60x38 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02485	60x38 Inch Reinforced Concrete Pipe Elliptical (CIP)	60x38 In. RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02540	68x43 Inch Reinforced Concrete Pipe Elliptical	68x43 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02545	68x43 Inch Reinforcement Concrete Pipe Elliptical (Complete In Place)	68x43 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02600	76x48 Inch Reinforced Concrete Pipe Elliptical	76x48 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02605	76x48 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	76x48 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02660	83x53 Inch Reinforced Concrete Pipe Elliptical	83x53 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02665	83x53 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	83x53 In RCP (CIP)	LF		X		BA required for reinforcing steel per FMM requirements.
603-02720	91x58 Inch Reinforced Concrete Pipe Elliptical	91x58 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02840	106x68 Inch Reinforced Concrete Pipe Elliptical	106x68 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-02900	113x72 Inch Reinforced Concrete Pipe Elliptical	113x72 In RCP	LF		X		BA required for reinforcing steel per FMM requirements.
603-03180	18 Inch Reinforced Concrete Pipe Special	18 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03240	24 Inch Reinforced Concrete Pipe Special	24 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03300	30 Inch Reinforced Concrete Pipe Special	30 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03360	36 Inch Reinforced Concrete Pipe Special	36 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03361	36 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 36 In RCP (Spec)	LF	X			Installation of concrete pipe
603-03420	42 Inch Reinforced Concrete Pipe Special	42 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03480	48 Inch Reinforced Concrete Pipe Special	48 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03540	54 Inch Reinforced Concrete Pipe Special	54 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03541	54 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 54 In RCP (Spec)	LF	X			Installation of concrete pipe

603-03601	60 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 60 In RCP (Spec)	LF	X			Installation of concrete pipe
603-03661	66 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 66 In RCP (Spec)	LF	X			Installation of concrete pipe
603-03720	72 Inch Reinforced Concrete Pipe Special	72 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03721	72 Inch RCP (Special) (Install Only)	Inst 72 In RCP (Spec)	LF	X			Installation of concrete pipe
603-03780	78 Inch Reinforced Concrete Pipe Special	78 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-03960	96 Inch Reinforced Concrete Pipe Special	96 In RCP Spec	LF		X		BA required for reinforcing steel per FMM requirements.
603-05012	12 Inch Reinforced Concrete End Section	12 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05015	15 Inch Reinforced Concrete End Section	15 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05018	18 Inch Reinforced Concrete End Section	18 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05019	18 Inch Reinforced Concrete End Section (Special)	18 In RCES (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05021	21 Inch Reinforced Concrete End Section	21 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05024	24 Inch Reinforced Concrete End Section	24 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05030	30 Inch Reinforced Concrete End Section	30 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05033	33 Inch Reinforced Concrete End Section	33 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05036	36 Inch Reinforced Concrete End Section	36 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05042	42 Inch Reinforced Concrete End Section	42 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05048	48 Inch Reinforced Concrete End Section	48 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05054	54 Inch Reinforced Concrete End Section	54 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05055	54 Inch Reinforced Concrete End Section (Install Only)	Inst 54 In RCES	EACH	X			Installation of concrete pipe
603-05060	60 Inch Reinforced Concrete End Section	60 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05066	66 Inch Reinforced Concrete End Section	66 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05067	66 Inch Reinforced Concrete End Section (Install Only)	Inst 66 In RCES	EACH	X			Installation of concrete pipe
603-05072	72 Inch Reinforced Concrete End Section	72 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-05073	72 Inch Reinforced Concrete End Section (Install Only)	Inst 72 In RCES	EACH	X			Installation of concrete pipe
603-05078	78 Inch Reinforced Concrete End Section	78 In RCES	EACH		X		BA required for reinforcing steel per FMM requirements.

603-05084	84 Inch Reinforced Concrete End Section	84 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05118	23x14 Inch Reinforced Concrete End Section Elliptical	23x14 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05124	30x19 Inch Reinforced Concrete End Section Elliptical	30x19 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05130	38x24 Inch Reinforced Concrete End Section Elliptical	38x24 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05136	45x29 Inch Reinforced Concrete End Section Elliptical	45x29 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05142	53x34 Inch Reinforced Concrete End Section Elliptical	53x34 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05148	60x38 Inch Reinforced Concrete End Section Elliptical	60x38 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05154	68x43 Inch Reinforced Concrete End Section Elliptical	68x43 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05160	76x48 Inch Reinforced Concrete End Section Elliptical	76x48 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05166	83x53 Inch Reinforced Concrete End Section Elliptical	83x53 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05172	91x58 Inch Reinforced Concrete End Section Elliptical	91x58 In RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
603-05200	Place Reinforced Concrete End Section	Place RCES	EACH		X			BA required for reinforcing steel per FMM requirements.
								Refer to project plans and specifications concerning the culvert lining and other components.
								BA required for iron / steel per FMM requirements.
								BABA required if composed of aluminum, plastic/polymer, or other construction material
603-05440	Culvert Lining (54 x 40 Inch)	Culvert Lining (54 x 40 In)	LF		X		X	
603-07150	15 Inch Reinforced Concrete Pipe (Jacked)	15 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07180	18 Inch Reinforced Concrete Pipe (Jacked)	18 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07240	24 Inch Reinforced Concrete Pipe (Jacked)	24 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07300	30 Inch Reinforced Concrete Pipe (Jacked)	30 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07360	36 Inch Reinforced Concrete Pipe (Jacked)	36 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07420	42 Inch Reinforced Concrete Pipe (Jacked)	42 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07480	48 Inch Reinforced Concrete Pipe (Jacked)	48 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07540	54 Inch Reinforced Concrete Pipe (Jacked)	54 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.
603-07600	60 Inch Reinforced Concrete Pipe (Jacked)	60 In RCP (Jacked)	LF		X			BA required for reinforcing steel per FMM requirements.

603-07660	66 Inch Reinforced Concrete Pipe (Jacked)	66 In RCP (Jacked)	LF		X		BA required for reinforcing steel per FMM requirements.
603-07720	72 Inch Reinforced Concrete Pipe (Jacked)	72 In RCP (Jacked)	LF		X		BA required for reinforcing steel per FMM requirements.
603-07780	78 Inch Reinforced Concrete Pipe (Jacked)	78 In RCP (Jacked)	LF		X		BA required for reinforcing steel per FMM requirements.
603-07840	84 Inch Reinforced Concrete Pipe (Jacked)	84 In RCP (Jacked)	LF		X		BA required for reinforcing steel per FMM requirements.
603-07960	96 Inch Reinforced Concrete Pipe (Jacked)	96 In RCP (Jacked)	LF		X		BA required for reinforcing steel per FMM requirements.
603-07980	108 Inch Reinforced Concrete Pipe (Jacked)	108 In RCP (Jacked)	LF		X		BA required for reinforcing steel per FMM requirements.
603-10060	6 Inch Corrugated Steel Pipe	6 In CSP	LF		X		BA required for steel per FMM requirements.
603-10080	8 Inch Corrugated Steel Pipe	8 In CSP	LF		X		BA required for steel per FMM requirements.
603-10100	10 Inch Corrugated Steel Pipe	10 In CSP	LF		X		BA required for steel per FMM requirements.
603-10109	10 Inch Corrugated Steel Pipe Nestable	10 In CSP Nest	LF		X		BA required for steel per FMM requirements.
603-10120	12 Inch Corrugated Steel Pipe	12 In CSP	LF		X		BA required for steel per FMM requirements.
603-10150	15 Inch Corrugated Steel Pipe	15 In CSP	LF		X		BA required for steel per FMM requirements.
603-10151	15 Inch Corrugated Steel Pipe (Install Only)	Inst 15 In CSP	LF	X			Installation of steel pipe
603-10180	18 Inch Corrugated Steel Pipe	18 In CSP	LF		X		BA required for steel per FMM requirements.
603-10240	24 Inch Corrugated Steel Pipe	24 In CSP	LF		X		BA required for steel per FMM requirements.
603-10300	30 Inch Corrugated Steel Pipe	30 In CSP	LF		X		BA required for steel per FMM requirements.
603-10309	30 Inch Corrugated Steel Pipe Nestable	30 In CSP Nest	LF		X		BA required for steel per FMM requirements.
603-10360	36 Inch Corrugated Steel Pipe	36 In CSP	LF		X		BA required for steel per FMM requirements.
603-10420	42 Inch Corrugated Steel Pipe	42 In CSP	LF		X		BA required for steel per FMM requirements.
603-10480	48 Inch Corrugated Steel Pipe	48 In CSP	LF		X		BA required for steel per FMM requirements.
603-10540	54 Inch Corrugated Steel Pipe	54 In CSP	LF		X		BA required for steel per FMM requirements.
603-10600	60 Inch Corrugated Steel Pipe	60 In CSP	LF		X		BA required for steel per FMM requirements.
603-10660	66 Inch Corrugated Steel Pipe	66 In CSP	LF		X		BA required for steel per FMM requirements.
603-10720	72 Inch Corrugated Steel Pipe	72 In CSP	LF		X		BA required for steel per FMM requirements.
603-10780	78 Inch Corrugated Steel Pipe	78 In CSP	LF		X		BA required for steel per FMM requirements.
603-10840	84 Inch Corrugated Steel Pipe	84 In CSP	LF		X		BA required for steel per FMM requirements.
603-10900	90 Inch Corrugated Steel Pipe	90 In CSP	LF		X		BA required for steel per FMM requirements.
603-10960	96 Inch Corrugated Steel Pipe	96 In CSP	LF		X		BA required for steel per FMM requirements.
603-10970	102 Inch Corrugated Steel Pipe	102 In CSP	LF		X		BA required for steel per FMM requirements.
603-10980	108 Inch Corrugated Steel Pipe	108 In CSP	LF		X		BA required for steel per FMM requirements.
603-10992	120 Inch Corrugated Steel Pipe	120 In CSP	LF		X		BA required for steel per FMM requirements.
603-15015	15 Inch Equivalent Corrugated Steel Pipe Arch	15 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15018	18 Inch Equivalent Corrugated Steel Pipe Arch	18 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15021	21 Inch Equivalent Corrugated Steel Pipe Arch	21 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15024	24 Inch Equivalent Corrugated Steel Pipe Arch	24 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15030	30 Inch Equivalent Corrugated Steel Pipe Arch	30 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15036	36 Inch Equivalent Corrugated Steel Pipe Arch	36 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15042	42 Inch Equivalent Corrugated Steel Pipe Arch	42 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15048	48 Inch Equivalent Corrugated Steel Pipe Arch	48 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15054	54 Inch Equivalent Corrugated Steel Pipe Arch	54 In Equiv CSP	LF		X		BA required for steel per FMM requirements.
603-15060	60 Inch Equivalent Corrugated Steel Pipe Arch	60 In Equiv CSP	LF		X		BA required for steel per FMM requirements.

603-15066	66 Inch Equivalent Corrugated Steel Pipe Arch	66 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15072	72 Inch Equivalent Corrugated Steel Pipe Arch	72 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15078	78 Inch Equivalent Corrugated Steel Pipe Arch	78 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15084	84 Inch Equivalent Corrugated Steel Pipe Arch	84 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15090	90 Inch Equivalent Corrugated Steel Pipe Arch	90 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15096	96 Inch Equivalent Corrugated Steel Pipe Arch	96 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15102	102 Inch Equivalent Corrugated Steel Pipe Arch	102 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-15108	108 Inch Equivalent Corrugated Steel Pipe Arch	108 In Equiv CSPA	LF		X		BA required for steel per FMM requirements.
603-16018	18 Inch Equivalent Corrugated Aluminum Pipe Arch	18 In Equiv CAPA	LF			X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
603-16024	24 Inch Equivalent Corrugated Aluminum Pipe Arch	24 In Equiv CAPA	LF			X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
603-16030	30 Inch Equivalent Corrugated Aluminum Pipe Arch	30 In Equiv CAPA	LF			X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
603-30012	12 Inch Steel End Section	12 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30015	15 Inch Steel End Section	15 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30018	18 Inch Steel End Section	18 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30021	21 Inch Steel End Section	21 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30024	24 Inch Steel End Section	24 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30030	30 Inch Steel End Section	30 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30036	36 Inch Steel End Section	36 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30042	42 Inch Steel End Section	42 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30048	48 Inch Steel End Section	48 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30054	54 Inch Steel End Section	54 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30060	60 Inch Steel End Section	60 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30066	66 Inch Steel End Section	66 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30072	72 Inch Steel End Section	72 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30078	78 Inch Steel End Section	78 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-30084	84 Inch Steel End Section	84 In SES	EACH		X		BA required for reinforcing steel per FMM requirements.
603-31218	18 Inch Equivalent Arch Aluminum End Section	18 In Equiv Arch AES	EACH			X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material

603-31230	30 Inch Equivalent Arch Aluminum End Section	30 In Equiv Arch AES	EACH				X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
603-31315	15 Inch Equivalent Arch Steel End Section	15 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31318	18 Inch Equivalent Arch Steel End Section	18 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31321	21 Inch Equivalent Arch Steel End Section	21 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31324	24 Inch Equivalent Arch Steel End Section	24 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31330	30 Inch Equivalent Arch Steel End Section	30 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31336	36 Inch Equivalent Arch Steel End Section	36 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31342	42 Inch Equivalent Arch Steel End Section	42 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31348	48 Inch Equivalent Arch Steel End Section	48 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31354	54 Inch Equivalent Arch Steel End Section	54 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31360	60 Inch Equivalent Arch Steel End Section	60 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31366	66 Inch Equivalent Arch Steel End Section	66 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31372	72 Inch Equivalent Arch Steel End Section	72 In Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-31454	54 Inch Traversable Equivalent Arch Steel End Section	54 In Traversable Equiv Arch SES	EACH			X		BA required for steel per FMM requirements.
603-32018	Place 18 Inch Steel End Section	Place 18 In SES	EACH	X				Installation of end section
603-32024	Place 24 Inch Steel End Section	Place 24 In SES	EACH	X				Installation of end section
603-32030	Place 30 Inch Steel End Section	Place 30 In SES	EACH	X				Installation of end section
603-32036	Place 36 Inch Steel End Section	Place 36 In SES	EACH	X				Installation of end section
603-32042	Place 42 Inch Steel End Section	Place 42 In SES	EACH	X				Installation of end section
603-32048	Place 48 Inch Steel End Section	Place 48 In SES	EACH	X				Installation of end section
603-32054	Place 54 Inch Steel End Section	Place 54 In SES	EACH	X				Installation of end section
603-32060	Place 60 Inch Steel End Section	Place 60 In SES	EACH	X				Installation of end section
603-32066	Place 66 Inch Steel End Section	Place 66 In SES	EACH	X				Installation of end section
								BA required if any of iron and steel per FMM requirements
603-33018	18 Inch Pipe Safety End Treatment	18 In Pipe Safety End Treat	EACH			X	X	BABA required if composed of aluminum, plastic or other construction material is used
								BA required if any of iron and steel per FMM requirements
603-33024	24 Inch Pipe Safety End Treatment	24 In Pipe Safety End Treat	EACH			X	X	BABA required if composed of aluminum, plastic or other construction material is used
								BA required if any of iron and steel per FMM requirements
603-33030	30 Inch Pipe Safety End Treatment	30 In Pipe Safety End Treat	EACH			X	X	BABA required if composed of aluminum, plastic or other construction material is used
								BA required if any of iron and steel per FMM requirements
603-33036	36 Inch Pipe Safety End Treatment	36 In Pipe Safety End Treat	EACH			X	X	BABA required if composed of aluminum, plastic or other construction material is used

								BA required if any of iron and steel per FMM requirements
603-33042	42 Inch Pipe Safety End Treatment	42 In Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-33048	48 Inch Pipe Safety End Treatment	48 In Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-33060	60 Inch Pipe Safety End Treatment	60 In Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-33072	72 Inch Pipe Safety End Treatment	72 In Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-34030	30 Inch Equivalent Arch Pipe Safety End Treatment	30 In Equiv Arch Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-34036	36 Inch Equivalent Arch Pipe Safety End Treatment	36 In Equiv Arch Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-34048	48 Inch Equivalent Arch Pipe Safety End Treatment	48 In Equiv Arch Pipe Safety End Treat	EACH		X		X	BABA required if composed of aluminum, plastic or other construction material is used
603-36018	Place 18 Inch Corrugated Steel Pipe	Place 18 In CSP	LF		X			BA required for steel per FMM requirements.
603-36024	Place 24 Inch Corrugated Steel Pipe	Place 24 In CSP	LF		X			BA required for steel per FMM requirements.
603-36036	Place 36 Inch Corrugated Steel Pipe	Place 36 In CSP	LF		X			BA required for steel per FMM requirements.
603-40072	72 Inch Corrugated Steel Pipe (Half Round) (Special)	72 In CSP (Half)(Special)	LF		X			BA required for steel per FMM requirements.
603-50001	3 Inch Plastic Pipe (Install Only)	Inst 3 In Plastic Pipe	LF	X				Installation of pipe
603-50002	2 Inch Plastic Pipe	2 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50003	3 Inch Plastic Pipe	3 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50004	4 Inch Plastic Pipe	4 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50006	6 Inch Plastic Pipe	6 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50007	6 Inch Plastic Pipe (Special)	6 In Plastic Pipe (Spec)	LF				X	BABA - Plastic/Polymer based product
603-50008	8 Inch Plastic Pipe	8 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50010	10 Inch Plastic Pipe	10 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50012	12 Inch Plastic Pipe	12 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50014	15 Inch Plastic Pipe (Install Only)	15 In Plastic Pipe (Install Only)	LF	X				Installation of pipe
603-50015	15 Inch Plastic Pipe	15 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product

603-50016	16 Inch Plastic Pipe	16 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50018	18 Inch Plastic Pipe	18 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50024	24 Inch Plastic Pipe	24 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50025	24 Inch Plastic Pipe (Install Only)	Inst 24 In Plastic Pipe	LF	X				Installation of pipe
603-50027	27 Inch Plastic Pipe	27 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50030	30 Inch Plastic Pipe	30 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50036	36 Inch Plastic Pipe	36 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50042	42 Inch Plastic Pipe	42 Inch Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50043	42 Inch Plastic Pipe (Install Only)	Inst 42 In Plastic Pipe	LF	X				Installation of pipe
603-50048	48 Inch Plastic Pipe	48 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-50072	72 Inch Plastic Pipe	72 In plastic Pipe	LF				X	BABA - Plastic/Polymer based product
								Refer to project plans and specifications concerning the expansion device and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
603-50100	Flap gate (__ Inch)	Flap Gate (__ Inch)	EACH			X		
603-50106	Place 6 Inch Plastic Pipe	Place 6 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-51206	Furnish 6 Inch Plastic Pipe	Furn 6 In Plastic Pipe	LF				X	BABA - Plastic/Polymer based product
603-60120	Place 12 Inch Flexible Pipe	Place 12 In Flexible Pipe	LF	X				Installation of pipe
603-61108	8 Inch Flexible Pipe	8 In Flex Pipe	LF				X	BABA - Plastic/Polymer based product
603-61120	12 Inch Flexible Pipe	12 In Flexible Pipe	LF				X	BABA - Plastic/Polymer based product
603-61180	18 Inch Flexible Pipe	18 In Flexible Pipe	LF				X	BABA - Plastic/Polymer based product
603-61240	24 Inch Flexible Pipe	24 In Flexible Pipe	LF				X	BABA - Plastic/Polymer based product
603-61300	30 Inch Flexible Pipe	30 In Flexible Pipe	LF				X	BABA - Plastic/Polymer based product
								BA required for reinforcing iron / steel per FMM requirements.
603-70303	3x3 Foot Concrete Box Culvert (Precast)	3x3 Ft CBC (Precast)	LF			X		No BABA required for concrete, cement, grout, and asphalt
								BA required for reinforcing iron / steel per FMM requirements.
603-70402	4X2 Foot Concrete Box Culvert (Precast)	4X2 Ft CBC (Precast)	LF			X		No BABA required for concrete, cement, grout, and asphalt
								BA required for reinforcing iron / steel per FMM requirements.
603-70404	4X4 Foot Concrete Box Culvert (Precast)	4X4 Ft CBC (Precast)	LF			X		No BABA required for concrete, cement, grout, and asphalt
								BA required for reinforcing iron / steel per FMM requirements.
603-70502	5x2 Foot Concrete Box Culvert (Precast)	5x2 Ft CBC (Precast)	LF			X		No BABA required for concrete, cement, grout, and asphalt

									BA required for reinforcing iron / steel per FMM requirements.
603-70503	5x3 Foot Concrete Box Culvert (Precast)	5x3 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70504	5x4 Foot Concrete Box Culvert (Precast)	5x4 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70505	5x5 Foot Concrete Box Culvert (Precast)	5x5 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70603	6x3 Foot Concrete Box Culvert (Precast)	6x3 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70604	6x4 Foot Concrete Box Culvert (Precast)	6x4 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70605	6x5 Foot Concrete Box Culvert (Precast)	6x5 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70606	6x6 Foot Concrete Box Culvert (Precast)	6x6 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70607	6x7 Foot Concrete Box Culvert (Precast)	6x7 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70703	7x3 Foot Concrete Box Culvert (Precast)	7x3 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70704	7x4 Foot Concrete Box Culvert (Precast)	7x4 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt
									BA required for reinforcing iron / steel per FMM requirements.
603-70705	7x5 Foot Concrete Box Culvert (Precast)	7x5 Ft CBC (Precast)	LF		X				No BABA required for concrete, cement, grout, and asphalt

								BA required for reinforcing iron / steel per FMM requirements.
603-70707	7x7 Foot Concrete Box Culvert (Precast)	7x7 Ft CBC (Precast)	LF		X			No BABA required for concrete, cement, grout, and asphalt
603-70803	8x3 Foot Concrete Box Culvert (Precast)	8x3 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-70804	8x4 Foot Concrete Box Culvert (Precast)	8x4 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-70805	8x5 Foot Concrete Box Culvert (Precast)	8x5 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-70806	8x6 Foot Concrete Box Culvert (Precast)	8x6 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-70808	8x8 Foot Concrete Box Culvert (Precast)	8x8 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-70810	8 x 10 Foot Concrete Box Culvert (Precast)	8X10 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-70905	9x5 Foot Concrete Box Culvert (Precast)	9x5 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71003	Concrete Box Culvert (10 x 3 Foot) (Precast)	CBC (10 x 3 Ft) (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71004	10x4 Foot Concrete Box Culvert (Precast)	10x4 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71005	10x5 Foot Concrete Box Culvert (Precast)	10x5 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt

								BA required for reinforcing iron / steel per FMM requirements.
603-71006	10x6 Foot Concrete Box Culvert (Precast)	10x6 Ft CBC (Precast)	LF		X			No BABA required for concrete, cement, grout, and asphalt
603-71007	10x7 Foot Concrete Box Culvert (Precast)	10x7 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71008	10x8 Foot Concrete Box Culvert (Precast)	10x8 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71010	10x10 Foot Concrete Box Culvert (Precast)	10x10 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71204	12x4 Foot Concrete Box Culvert (Precast)	12x4 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71206	12x6 Foot Concrete Box Culvert (Precast)	12x6 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71208	12x8 Foot Concrete Box Culvert (Precast)	12x8 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71209	12x8 Foot Concrete Box Culvert (Precast)(Install Only)	12x8 Ft CBC (Precast)(Inst Only)	LF	X				Installation of box culvert
603-71210	12x10 Foot Concrete Box Culvert (Precast)	12x10 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71211	12x10 Foot Concrete Box Culvert (Precast)(Install Only)	12x10 Ft CBC (Precast)(Inst Only)	LF	X				Installation of box culvert
603-71307	13x7 Foot Concrete Box Culvert (Precast)	13x7 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71404	14x4 Foot Concrete Box Culvert (Precast)	14x4 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt

								BA required for reinforcing iron / steel per FMM requirements.
603-71405	14x5 Foot Concrete Box Culvert (Precast)	14x5 Ft CBC (Precast)	LF			X		No BABA required for concrete, cement, grout, and asphalt
603-71406	14x6 Foot Concrete Box Culvert (Precast)	14x6 Ft CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71408	14x8 Foot Concrete Box Culvert (Precast)	14x8 Ft CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71410	10x14 Ft Concrete Box Culvert (Precast)	10x14 Foot CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71505	15X5 Foot Concrete Box Culvert (Precast)	15X5 Ft CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71508	15 x 8 Foot Concrete Box Culvert (Precast)	15 x 8 Ft. CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71604	16x4 Foot Concrete Box Culvert (3-Sided)(Precast)	16x4 Ft CBC (3)(Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71606	16x6 Foot Concrete Box Culvert (Precast)	16x6 Ft CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71607	16x7 Foot Concrete Box Culvert (Precast)	16x7 Ft CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71608	16X8 Foot Concrete Box Culvert (3-Sided)(Precast)	16X8 Ft CBC (3)(Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71609	16x8 Foot Concrete Box Culvert (Precast)	16x8 Ft CBC (Precast)	LF			X		BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt

603-71610	16x10 Foot Concrete Box Culvert (Precast)	16x10 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71611	16 x 11 Foot Concrete Box Culvert (Precast)	16x11 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71808	18 x 8 Foot Concrete Box Culvert (Precast) (Special)	18x8 Ft CBC (Precast) (Special)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71810	18x10 Foot Concrete Box Culvert (Precast)	18x10 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-71812	18x12 Foot Concrete Box Culvert (Precast)	18x12 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-72007	20x8 Foot Concrete Box Culvert (Precast)(Install Only)	20x8 Ft CBC (Precast)(Inst Only)	LF	X				Installation of box culvert
603-72008	20x8 Foot Concrete Box Culvert (Precast)	20x8 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-72009	20x9 Foot Concrete 3-Sided Culvert (Precast)	20x9 Ft Conc 3-Sided Culvert (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-72010	20x10 Ft Concrete 3-sided Culvert (Precast)	20x10 Ft Conc 3-sided Culvert (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-72011	20x10 Foot Concrete Box Culvert (Precast)	20x10 Ft CBC (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-72100	Concrete Box Culvert Wingwall (Precast)	CBC Wingwall (Precast)	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt

603-73000	Concrete Box Culvert (Design Build)	CBC (Design Build)	EACH		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-73114	31x14 Foot Concrete 3-Sided Culvert (Precast)	31x14 Ft Conc 3-S Culv (Pre)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-73712	26x13 Foot Concrete 3-Sided Culvert (Precast)	26x13 Ft Conc 3-S Culv (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-73713	37x13 Foot Concrete 3-Sided Culvert (Precast)	37x13 Ft Conc 3-S Culv (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-74214	42x14 Foot Concrete 3-Sided Culvert (Precast)	42x14 Ft Conc 3-S Culv (Pre)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-76624	66x24 Foot Concrete 3-Sided Culvert (Precast)	66x24 Ft Conc 3-S Culv (Pre)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-77001	Culvert Headwall (3-Sided Culvert)(Type 1)	Culv Headwall (3-S Culv)(Ty1)	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-77002	Culvert Headwall (3-Sided Culvert)(Type 2)	Culv Headwall (3-S Culv)(Ty 2)	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-77011	Culvert Wingwall (3-Sided Culvert)(Type 1)	Culv Wingwall (3-S Culv)(Ty 1)	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-77012	Culvert Wingwall (3-Sided Culvert)(Type 2)	Culv Wingwall (3-S Culv)(Ty 2)	SF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-77224	72 x 24 Foot Concrete 3-Sided Culvert (Precast)	72x24 Ft Conc 3-S Culv (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt

603-80790	12X8 Foot Concrete Arch Culvert (Precast)	12X8 Ft Conc Arch Cul (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-80800	14x10 Foot Concrete Arch Culvert (Precast)	14x10 Ft Conc Arch Cul (Precast)	LF		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
603-81004	4 Inch Cast Iron Pipe	4 In Cast Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-81006	6 Inch Cast Iron Pipe	6 In Cast Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82004	4 Inch Ductile Iron Pipe	4 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82006	6 Inch Ductile Iron Pipe	6 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82008	8 Inch Ductile Iron Pipe	8 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82010	10 Inch Ductile Iron Pipe	10 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82012	12 Inch Ductile Iron Pipe	12 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82014	14 Inch Ductile Iron Pipe	14 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82016	16 Inch Ductile Iron Pipe	16 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82018	18 Inch Ductile Iron Pipe	18 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82024	24 Inch Ductile Iron Pipe	24 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82036	36 Inch Ductile Iron Pipe	36 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-82054	54 Inch Ductile Iron Pipe	54 In Duct Iron Pipe	LF		X			BA required for any of iron and steel per FMM requirements
603-83008	8 Inch Sewer Pipe	8 In Sewer Pipe	LF				X	BABA - Plastic/Polymer based product
603-83009	8 Inch Sewer Pipe (Special)	8 In Sewer Pipe (Spec)	LF				X	BABA - Plastic/Polymer based product
603-83012	12 Inch Sewer Pipe	12 In Sewer Pipe	LF				X	BABA - Plastic/Polymer based product
603-83024	24 Inch Sewer Pipe	24 In Sewer Pipe	LF				X	BABA - Plastic/Polymer based product
603-85095	Precast Concrete Arch Bridge System	Precast Concrete Arch Bridge System	LS		X			BA required for reinforcing iron / steel per FMM requirements. No BABA required for concrete, cement, grout, and asphalt
604-00305	Inlet Type C (5 Foot)	Inlet Ty C (5 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-00310	Inlet Type C (10 Foot)	Inlet Ty C (10 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-00315	Inlet Type C (15 Foot)	Inlet Ty C (15 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.

604-00320	Inlet Type C (20 Foot)	Inlet Ty C (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00330	Inlet Type C (30 Foot)	Inlet Ty C (30 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00350	Inlet Type C (Special)	Inlet Ty C (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00405	Inlet Type C (Double) (5 Foot)	Inlet Ty C (D) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00455	Inlet Type C (Triple) (5 Foot)	Inlet Ty C (T) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00460	Inlet Type C (Triple) (10 Foot)	Inlet Ty C (T) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00505	Inlet Type D (5 Foot)	Inlet Ty D (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00506	Inlet Type D (Special) (5 Foot)	Inlet Ty D (Spec) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00510	Inlet Type D (10 Foot)	Inlet Ty D (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00511	Inlet Type D (Special) (10 Foot)	Inlet Ty D (Spec) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00515	Inlet Type D (15 Foot)	Inlet Ty D (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00520	Inlet Type D (20 Foot)	Inlet Ty D (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00550	Inlet Type D (Special)	Inlet Ty D (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00605	Inlet Type D (Double) (5 Foot)	Inlet Ty D (D) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-00610	Inlet Type D (Double) (10 Foot)	Inlet Ty D (D) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03005	Inlet Type 3 (5 Foot)	Inlet Ty 3 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03010	Inlet Type 3 (10 Foot)	Inlet Ty 3 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03011	Inlet Type 3 (Special) (10 Foot)	Inlet Ty 3 (Spec) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03015	Inlet Type 3 (15 Foot)	Inlet Ty 3 (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03505	Inlet Type 3 (Double) (5 Foot)	Inlet Ty 3 (D) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03510	Inlet Type 3 (Double) (10 Foot)	Inlet Ty 3 (D) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03515	Inlet Type 3 (Double) (15 Foot)	Inlet Ty 3 (D) (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03605	Inlet Type 3 (Triple) (5 Foot)	Inlet Ty 3 (T) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-03610	Inlet Type 3 (Triple) (10 Foot)	Inlet Ty 3 (T) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13005	Inlet Type 13 (5 Foot)	Inlet Ty 13 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.

604-13006	Inlet Type 13 (5 Foot) (Special)	Inlet Ty 13 (5 Ft) (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13010	Inlet Type 13 (10 Foot)	Inlet Ty 13 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13011	Inlet Type 13 (10 Foot) (Special)	Inlet Ty 13 (10 Ft) (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13015	Inlet Type 13 (15 Foot)	Inlet Ty 13 (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13020	Inlet Type 13 (20 Foot)	Inlet Ty 13 (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13025	Inlet Type 13 (25 Foot)	Inlet Ty 13 (25 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13505	Inlet Type 13 (Double) (5 Foot)	Inlet Ty 13 (D) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13510	Inlet Type 13 (Double) (10 Foot)	Inlet Ty 13 (D) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13515	Inlet Type 13 (Double) (15 Foot)	Inlet Ty 13 (D) (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13605	Inlet Type 13 (Triple) (5 Foot)	Inlet Ty 13 (T) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13610	Inlet Type 13 (Triple) (10 Foot)	Inlet Ty 13 (T) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13615	Inlet Type 13 (Triple) (15 Foot)	Inlet Ty 13 (T) (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13651	Inlet Type 13 (5 Foot)(Special)(1 Unit)	Inlet Ty 13 (5 Ft)(Spec)(1 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13652	Inlet Type 13 (5 Foot)(Special)(2 Unit)	Inlet Ty 13 (5 Ft)(Spec)(2 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13653	Inlet Type 13 (5 Foot)(Special)(3 Unit)	Inlet Ty 13 (5 Ft)(Spec)(3 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13662	Inlet Type 13 (5 Foot)(Sweeper)(2 Unit)	Inlet Ty 13 (5 Ft)(Swpr)(2 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13663	Inlet Type 13 (5 Foot)(Sweeper)(3 Unit)	Inlet Ty 13 (5 Ft)(Swpr)(3 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13671	Inlet Type 13 (10 Foot)(Sweeper)(1 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(1 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13672	Inlet Type 13 (10 Foot)(Sweeper)(2 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(2 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13673	Inlet Type 13 (10 Foot)(Sweeper)(3 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(3 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13674	Inlet Type 13 (10 Foot)(Sweeper)(4 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(4 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13675	Inlet Type 13 (10 Foot)(Sweeper)(5 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(5 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13676	Inlet Type 13 (10 Foot)(Sweeper)(6 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(6 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13681	Inlet Type 13 (10 Foot)(Special)(1 Unit)	Inlet Ty 13 (10 Ft)(Spec)(1 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-13683	Inlet Type 13 (10 Foot)(Special)(3 Unit)	Inlet Ty 13 (10 Ft)(Spec)(3 Unit)	EACH		X		BA required for reinforcing steel per FMM requirements.

604-14005	Inlet Special (Double) (5 Foot)	Inlet Spec (D) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-14010	Inlet Special (Double) (10 Foot)	Inlet Spec (D) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-14505	Inlet Special (Triple) (5 Foot)	Inlet Spec (T) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-14510	Inlet Special (Triple) (10 Foot)	Inlet Spec (T) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-14605	Inlet Special (Quad) (5 Foot)	Inlet Spec (Q) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16005	Inlet Type 16 (5 Foot)	Inlet Ty 16 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16010	Inlet Type 16 (10 Foot)	Inlet Ty 16 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16015	Inlet Type 16 (15 Foot)	Inlet Ty 16 (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16050	Inlet Type 16 (Single) (Special)	Inlet Ty 16 (S) (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16505	Inlet Type 16 (Double) (5 Foot)	Inlet Ty 16 (D) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16510	Inlet Type 16 (Double) (10 Foot)	Inlet Ty 16 (D) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16515	Inlet Type 16 (Double) (15 Foot)	Inlet Ty 16 (D) (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16550	Inlet Type 16 (Double) (Special)	Inlet Ty 16 (D) (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16605	Inlet Type 16 (Triple) (5 Foot)	Inlet Ty 16 (T) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16610	Inlet Type 16 (Triple) (10 Foot)	Inlet Ty 16 (T) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-16650	Inlet Type 16 (Triple) (Special)	Inlet Ty 16 (T) (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19000	Inlet Special	Inlet Spec	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19005	Inlet Special (5 Foot)	Inlet Spec (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19010	Inlet Special (10 Foot)	Inlet Spec (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19015	Inlet Special (15 Foot)	Inlet Spec (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19020	Inlet Special (20 Foot)	Inlet Spec (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19025	Inlet Special (25 Foot)	Inlet Spec (25 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19035	Inlet Special (35 Foot)	Inlet Spec (35 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19105	Inlet Type R L 5 (5 Foot)	Inlet Ty R L 5 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19110	Inlet Type R L 5 (10 Foot)	Inlet Ty R L 5 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.

604-19115	Inlet Type R L 5 (15 Foot)	Inlet Ty R L5 (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19120	Inlet Type R L 5 (20 Foot)	Inlet Ty R L5 (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19205	Inlet Type R L 10 (5 Foot)	Inlet Ty R L10 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19210	Inlet Type R L 10 (10 Foot)	Inlet Ty R L10 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19215	Inlet Type R L 10 (15 Foot)	Inlet Ty R L10 (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19220	Inlet Type R L 10 (20 Foot)	Inlet Ty R L10 (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19305	Inlet Type R L 15 (5 Foot)	Inlet Ty R L15 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19310	Inlet Type R L 15 (10 Foot)	Inlet Ty R L15 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19315	Inlet Type R L 15 (15 Foot)	Inlet Ty R L15 (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19320	Inlet Type R L 15 (20 Foot)	Inlet Ty R L15 (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19405	Inlet Type R Special (5 Foot)	Inlet Ty R Spec (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19410	Inlet Type R Special (10 Foot)	Inlet Ty R Spec (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19415	Inlet Type R Special (15 Foot)	Inlet Ty R Spec (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19505	Inlet Type R L 20 (5 Foot)	Inlet Ty R L20 (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19510	Inlet Type R L 20 (10 Foot)	Inlet Ty R L20 (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19515	Inlet Type R L20 (13 Foot)	Inlet Ty R L20 (13 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19600	Inlet (Sand Filter)	Inlet (Sand Filter)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-19704	Inlet Special (Trench Drain) (4 Inch Width)	Inlet Spec (Trench) (4 Inch)	LF		X		BA required for reinforcing steel per FMM requirements.
604-19710	Inlet Special (Trench Drain) (10 Inch Width)	Inlet Spec (Trench) (10 Inch)	LF		X		BA required for reinforcing steel per FMM requirements.
604-19712	Inlet Special (Trench Drain) (12 Inch Width)	Inlet Spec (Trench) (12 In)	LF		X		BA required for reinforcing steel per FMM requirements.
604-19724	Inlet Special (Trench Drain) (24 Inch Width)	Inlet Spec (Trench) (24 Inch)	LF		X		BA required for reinforcing steel per FMM requirements.
604-19730	Inlet Special (Trench Drain) (30 Inch Width)	Inlet Spec (Trench) (30 Inch)	LF		X		BA required for reinforcing steel per FMM requirements.
604-19900	Place Inlet	Place Inlet	EACH				Installation of inlet

604-20000	Outlet Structure	Outlet Structure	EACH	X	X	X	X	<p>Refer to project plans and specifications concerning the outlet structure and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
604-20001	Outlet Structure	Outlet Structure	LS	X	X	X	X	<p>Refer to project plans and specifications concerning the outlet structure and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
604-20002	Outlet Structure (Special)	Outlet Structure (Spec)	LS	X	X	X	X	<p>Refer to project plans and specifications concerning the outlet structure and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
604-20003	Outlet Structure (Special)	Outlet Structure (Spec)	EACH	X	X	X	X	<p>Refer to project plans and specifications concerning the outlet structure and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>

								Refer to project plans and specifications concerning the settlement basine and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
604-20010	Settling Basin	Settling Basin	EACH		X	X	X	
604-25000	Vane Grate Inlet Special	Vane Grate Inlet Spec	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25001	Vane Grate Inlet Special	Vane Grate Inlet Spec	LF		X			BA required for reinforcing steel per FMM requirements.
604-25005	Vane Grate Inlet (5 Foot)	Vane Grate Inlet (5 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25006	Vane Grate Inlet Special (5 Foot)	Vane Grate Inlet Spec (5 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25007	Vane Grate Inlet Special (Double) (5 Foot)	Vane Grate Inlet Spec (D) (5 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25010	Vane Grate Inlet (10 Foot)	Vane Grate Inlet (10 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25011	Vane Grate Inlet Special (10 Foot)	Vane Grate Inlet Spec (10 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25015	Vane Grate Inlet (15 Foot)	Vane Grate Inlet (15 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25016	Vane Grate Inlet Special (15 Foot)	Vane Grate Inlet Spec (15 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25020	Vane Grate Inlet (20 Foot)	Vane Grate Inlet (20 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25021	Vane Grate Inlet Special (20 Foot)	Vane Grate Inlet Spec (20 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-25025	Vane Grate Inlet (25 Foot)	Vane Grate Inlet (25 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26005	Vane Grate Inlet (Double) (5 Foot)	Vane Grate Inlet (D) (5 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26006	Vane Grate Inlet Special (Double) (5 Foot)	Vane Grate Inlet Spec (D) (5 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26010	Vane Grate Inlet (Double) (10 Foot)	Vane Grate Inlet (D) (10 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26011	Vane Grate Inlet Special (Double) (10 Foot)	Vane Grate Inlet Special (D) (10 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26015	Vane Grate Inlet (Double) (15 Foot)	Vane Grate Inlet (D) (15 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26016	Vane Grate Inlet Special (Double) (15 Foot)	Vane Grate Inlet Special (D) (15 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26020	Vane Grate Inlet (Double) (20 Foot)	Vane Grate Inlet (D) (20 Ft.)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-26025	Vane Grate Inlet (Double) (25 Foot)	Vane Grate Inlet (D) (25 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.

604-26030	Vane Grate Inlet (Triple) (5 Foot)	Vane Grate Inlet (T) (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-26035	Vane Grate Inlet (Triple) (10 Foot)	Vane Grate Inlet (T) (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30000	Manhole Slab Base (Special)	MH Slab Base (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30005	Manhole Slab Base (5 Foot)	MH Slab Base (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30010	Manhole Slab Base (10 Foot)	MH Slab Base (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30015	Manhole Slab Base (15 Foot)	MH Slab Base (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30020	Manhole Slab Base (20 Foot)	MH Slab Base (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30025	Manhole Slab Base (25 Foot)	MH Slab Base (25 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-30030	Manhole Slab Base (30 Foot)	MH Slab Base (30 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31000	Manhole Box Base (Special)	MH Box Base (Spec)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31005	Manhole Box Base (5 Foot)	MH Box Base (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31010	Manhole Box Base (10 Foot)	MH Box Base (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31015	Manhole Box Base (15 Foot)	MH Box Base (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31020	Manhole Box Base (20 Foot)	MH Box Base (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31025	Manhole Box Base (25 Foot)	MH Box Base (25 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-31030	Manhole Box Base (30 Foot)	MH Box Base (30 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-32010	Manhole T-Base (10 Foot)	MH T-Base (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-32015	Manhole T-Base (15 Foot)	MH T-Base (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-32020	Manhole T-Base (20 Foot)	MH T-Base (20 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-32025	Manhole T-Base (25 Foot)	MH T-Base (25 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-39000	Manhole Special	MH Spec	EACH		X		BA required for reinforcing steel per FMM requirements.
604-39005	Manhole Special (5 Foot)	MH Spec (5 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-39010	Manhole Special (10 Foot)	MH Spec (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-39011	Manhole Special (10 Foot) (Install Only)	Inst MH Spec (10 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.
604-39015	Manhole Special (15 Foot)	MH Spec (15 Ft)	EACH		X		BA required for reinforcing steel per FMM requirements.

604-39020	Manhole Special (20 Foot)	MH Spec (20 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-39025	Manhole Special (25 Foot)	MH Spec (25 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-39030	Manhole Special (30 Foot)	MH Spec (30 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-39035	Manhole Special (35 Foot)	MH Spec (35 Ft)	EACH		X			BA required for reinforcing steel per FMM requirements.
								Refer to project plans and specifications concerning the manhole and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
604-39050	Manhole (Traffic Management System)	MH (TMS)	EACH		X	X	X	
604-50000	Inlet Grating and Frame (Median)	IG and F (Median)	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50003	Inlet Grating and Frame Type C	IG and F Ty C	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50013	Number 13 Inlet Grating and Frame	No.13 IG and F	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50050	Inlet Grating and Frame Special	IG and F Spec	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50060	Grating and Frame	Grating and Frame	LF		X			BA required for reinforcing steel per FMM requirements.
604-50062	Grating and Frame	Grating and Frame	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50065	Place Grating and Frame	Place Grating and Frame	LF	X				Installation of grating and frame
604-50110	Place Inlet Grating and Frame	Place IG and F	EACH	X				Installation of grating and frame
604-50150	Irrigation Structure Frame and Cover	Irrig Str F and C	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50200	Manhole Ring and Cover	MH R and C	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50210	Place Manhole Ring and Cover	Place MH R and C	EACH	X				Installation of manhole ring and cover
								Refer to project plans and specifications concerning the storm sewer ring, cover and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
604-50300	Storm Sewer Ring and Cover	Storm Sewer R and C	EACH		X		X	
604-50700	Meter Vault	Meter Vault	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50750	Sanitary Sewer Meter Box	San Sewer Meter Box	EACH		X			BA required for reinforcing steel per FMM requirements.
604-50800	Sanitary Sewer Vault	San Sewer Vault	EACH		X			BA required for reinforcing steel per FMM requirements.

604-51012	12 Inch Slotted Pipe Inlet	12 In Slot Pipe Inlet	LF		X			BA required for reinforcing steel per FMM requirements.
604-51015	15 Inch Slotted Pipe Inlet	15 In Slot Pipe Inlet	LF		X			BA required for reinforcing steel per FMM requirements.
604-51018	18 Inch Slotted Pipe Inlet	18 In Slot Pipe Inlet	LF		X			BA required for reinforcing steel per FMM requirements.
604-51024	24 Inch Slotted Pipe Inlet	24 In Slot Pipe Inlet	LF		X			BA required for reinforcing steel per FMM requirements.
604-56000	Slotted Vane Drain	Slot Vane Drain	EACH		X		X	BA required for reinforcing steel per FMM requirements. BABA required if composed of aluminum, plastic, or other construction material
604-83102	2 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	2 In PPS (PVC)	LF				X	BABA - Plastic/Polymer based product
604-83108	8 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	8 In PPS (PVC)	LF				X	BABA - Plastic/Polymer based product
604-83110	10 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	10 In PPS (PVC)	LF				X	BABA - Plastic/Polymer based product
604-83115	15 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	15 In PPS (PVC)	LF				X	BABA - Plastic/Polymer based product
604-83121	21 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	21 In PPS (PVC)	LF				X	BABA - Plastic/Polymer based product
604-84000	Plastic Sliplining	Plastic Sliplining	LF				X	BABA - Plastic/Polymer based product
604-85000	Fiberglass Reinforced Plastic Walkway	FRP Walkway	SF				X	BABA - Plastic/Polymer based product
605-00004	4 Inch Non-Perforated Pipe Underdrain	4 In Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00020	2 Inch Perforated Pipe Underdrain	2 Inch PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00040	4 Inch Perforated Pipe Underdrain	4 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00041	4 Inch Perforated Pipe Underdrain (Special)	4 In PP Underdrain (Special)	LF				X	BABA - Plastic/Polymer based product
605-00060	6 Inch Perforated Pipe Underdrain	6 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00061	6 Inch Perforated Pipe Underdrain (Special)	6 In PP Underdrain (Special)	LF				X	BABA - Plastic/Polymer based product
605-00080	8 Inch Perforated Pipe Underdrain	8 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00081	8 Inch Perforated Pipe Underdrain (Special)	8 In PP Underdrain (Special)	LF				X	BABA - Plastic/Polymer based product
605-00100	10 Inch Perforated Pipe Underdrain	10 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00120	12 Inch Perforated Pipe Underdrain	12 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00180	18 Inch Perforated Pipe Underdrain	18 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-00240	24 Inch Perforated Pipe Underdrain	24 In PP Underdrain	LF				X	BABA - Plastic/Polymer based product
605-01020	2 Inch Horizontal Drain	2 In Hor Drain	LF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
605-01030	3 Inch Horizontal Drain	3 In Hor Drain	LF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
605-17000	Vertical Drainage Wick	Vert Drain Wick	LF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Swamp Bucket • Clamping Frame • Clamping Ring • Plug • Brackets • Grates <p>BABA required for the following if composed of aluminum or plastic:</p> <ul style="list-style-type: none"> • Swamp Bucket • Clamping Frame • Clamping Ring • Plug • Brackets • Grates <p>No BABA required if arrives as a kit, BA still applies</p>
605-18000	Strip Drain, Horizontal	Strip Drain, Hor	LF		X	X	X	
605-19000	Passive Vent Riser	Pass Vent Riser	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p>
605-19200	Low Permeability Soil Collar	Low Perm Soil Collar	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p>
605-20100	Formation Drain	Form Drain	LF		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
605-82000	Geocomposite Edge Drain	Geocomp Edge Drain	LF		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Swamp Bucket • Clamping Frame • Clamping Ring • Plug • Brackets • Grates <p>BABA required for the following if composed of aluminum or plastic:</p> <ul style="list-style-type: none"> • Swamp Bucket • Clamping Frame • Clamping Ring • Plug • Brackets • Grates <p>No BABA required if arrives as a kit, BA still applies</p>
605-82100	Pipe Edge Drain	Pipe Edge Drain	LF		X	X	X	
605-82200	French Drain	French Drain	LF		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
605-82306	6 Inch Drain Pipe	6 In Drain Pipe	LF		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p>
605-83000	Geocomposite Drain	Geocomp Drain	SY		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>

								<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
605-83001	Geocomposite Drain without Pipe	Geocomp Drain (w/o Pipe)	SY		X	X	X	
605-83002	Geocomposite Drain with Pipe	Geocomp Drain (w/ Pipe)	SY		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
605-83500	Geocomposite Underdrain	Geocomp Underdrain	LF		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
605-83501	Geocomposite Drain (Tunnel)	Geocomp Drain (Tunnel)	SY		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
605-83505	Formation Drain	Formation Drain	LF		X	X	X	<p>Refer to project plans and specifications concerning the drain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>

605-83560	6 Inch Pipe Underdrain	6 In Pipe Underdrain	LF		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
605-83580	8 Inch Pipe Underdrain	8 In Pipe Underdrain	LF		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
605-84000	Subsurface Drain Outlet	Subsurface Drain Outlet	LF		X	X	X	Refer to project plans and specifications concerning the drain outlet and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
605-84100	Subsurface Drain Outlet Structure	Subsurface Drain Outlet Str	EACH		X	X	X	Refer to project plans and specifications concerning the outlet structure and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
605-85000	Surface Sand Filter	Surface Sand Filter	SF		X	X	X	Refer to project plans and specifications concerning the sand filter and other components (possible drainage pipe). BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
606-00301	Guardrail Type 3 (6-3 Post Spacing)	Gdrail Ty 3 (6-3)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	Gdrail Ty 3 (31 In MGS)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00303	Guardrail Type 3 (31 Inch Midwest Guardrail System) (Stained)	Gdrail Ty 3 (31 In MGS) (Stained)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00305	Guardrail Type 3 (Special)	Gdrail Ty 3 (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00310	Guardrail Type 3A	Gdrail Ty 3A	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00315	Guardrail Type 3A (Special)	Gdrail Ty 3A (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00350	Guardrail Type 3 (Double) (6-3 Post Spacing)	Gdrail Ty 3 (D) (6-3)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00355	Guardrail Type 3 (Double)(6-3 Post Spacing) (Special)	Gdrail Ty 3 (D)(Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00365	Guardrail Type 3 (Special) (Furnish Only)	Guardrail Ty 3 (Spec) (Furn Only)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00401	Guardrail Type 4 (Install Only)	Gdrail Ty 4 (Install Only)	LF	X				Installation of guardrail
606-00420	Guardrail Type 4 (Style CA)	Gdrail Ty 4 (Sty CA)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-00501	Precast Guardrail (Install Only)	Install Precast Guardrail	LF	X				Installation of guardrail BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00601	Guardrail Type 6 (6-3 Post Spacing)	Gdrail Ty 6 (6-3)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00650	Guardrail Type 6 (Double) (6-3 Post Spacing)	Gdrail Ty 6 (D) (6-3)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00710	Guardrail Type 7 (Style CA)	Gdrail Ty 7 (Sty CA)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00740	Guardrail Type 7 (Style CE)	Gdrail Ty 7 (Sty CE)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00741	Guardrail Type 7 (Style CE) (Special)	Gdrail Ty 7 (Sty CE) (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00745	Guardrail Type 7 (Style CE)(Concrete Glare Screen)	Gdrail Ty 7 (Sty CE)(Conc Glare Screen)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00900	Guardrail (Special)	Gdrail (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00910	Guardrail Type 9 (Style CA)	Guardrail Type 9 (Style CA)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00915	Guardrail Type 9 (Style CG)	Guardrail Type 9 (Style CG)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-00916	Guardrail Type 9 (Style CA) (Special)	Guardrail Type 9 (Style CA) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00917	Guardrail Type 9 (Style CG) (Special)	Guardrail Type 9 (Style CG) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00920	Guardrail Type 9 (Style CC)	Guardrail Type 9 (Style CC)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00930	Guardrail Type 9 (Style CD)	Guardrail Type 9 (Style CD)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00931	Guardrail Type 9 (Style CD) (Special)	Guardrail Type 9 (Style CD) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00940	Guardrail Type 9 (Style CE)	Guardrail Type 9 (Style CE)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00941	Guardrail Type 9 (Style CE) (Special)	Guardrail Type 9 (Style CE) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00942	Guardrail Type 9 (Style CGE)	Guardrail Type 9 (Style CGE)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-00943	Guardrail Type 9 (Style CGE) (Special)	Guardrail Type 9 (Style CGE) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-00944	Guardrail Type 9 (Style CGD) (Special)	Guardrail Type 9 (Style CGD) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01320	End Anchorage Type 3B	End Anchor Ty 3B	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01321	End Anchor Type 3B (31 Inch Midwest Guardrail System)	End Anchor Ty 3B (31 In MGS)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01340	End Anchorage Type 3D	End Anchor Ty 3D	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01369	Transition Type 3G (Stained)	Transition Ty 3G (Stained)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01370	Transition Type 3G	Transition Ty 3G	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01371	Transition Type 3G (Special)	Transition Ty 3G (Spec)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01372	Transition Type GR9-GR3	Transition Ty GR9-GR3	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01380	Transition Type 3H	Transition Ty 3H	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-01381	Transition Type 3H (Special)	Transition Ty 3H (Spec)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01385	Transition Type 3J	Transition Ty 3J	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01386	Transition Type 3J (Stained)	Transition Ty 3J (Stained)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01390	End Anchorage Type 3K	End Anchor Ty 3K	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01391	End Anchorage Type 3K (Stained)	End Anchor Ty 3K (Stained)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01392	Interrupted Structure Approach	Interrupted Structure Approach	LF		X			Refer to project plans and specifications concerning the structure approach and other components. BA required for reinforcing iron / steel per FMM requirements.
606-01395	Transition Type 3L	Transition Ty 3L	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01400	Transition Type BR10M-GR3	Transition Type BR10M-GR3	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01401	Transition Type BR10B-GR9	Transition Type BR10B-GR9	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-01402	Transition Type BR10B-GR3	Transition Type BR10B-GR3	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01403	Transition Type BR9-GR9	Transition Type BR9-GR9	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01407	Transition Type BR9-GR3	Transition Type BR9-GR3	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-01460	Median Terminal	Median Terminal	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-02000	End Anchorage (Special)	End Anchor (Spec)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-02003	End Anchorage (Nonflared)	End Anchor (Nonflared)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-02004	End Anchorage (Nonflared) (Stained)	End Anchor (Nonflared) (Stained)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-02005	End Anchorage (Flared)	End Anchor (Flared)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-02006	End Anchorage (Flared) (Stained)	End Anchor (Flared) (Stained)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-02007	End Anchorage (Flared) (Special)	End Anchor (Flared) (Spec)	EACH		X		X	
606-08300	Place Guardrail Type 3	Place Gd rail Ty 3	LF	X				Installation of guardrail
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10200	Bridge Rail (Special)	Brdg Rail (Spec)	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10300	Bridge Rail Type 3	Brdg Rail Ty 3	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10305	Bridge Rail Type 3 (Special)	Brdg Rail Ty 3 (Spec)	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10325	Bridge Rail Type 3	Bridge Rail Ty 3	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10350	Bridge Rail Type 3R	Brdg Rail Ty 3R	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10360	Bridge Rail Type 3R (Special)	Brdg Rail Ty 3R (Spec)	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10400	Bridge Rail Type 4	Brdg Rail Ty 4	LF		X		X	
								BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10405	Bridge Rail Type 4 (Special)	Brdg Rail Ty 4 (Spec)	LF		X		X	

606-10420	Bridge Rail Type 4 (Section A)	Brdg Rail Ty 4 (Sect A)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10421	Bridge Rail Type 4 (Section B)	Brdg Rail Ty 4 (Sect B)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10450	Bridge Rail Type 4R	Brdg Rail Ty 4R	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10650	Bridge Rail Type T6	Brdg Rail Ty T6	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10700	Bridge Rail Type 7	Brdg Rail Ty 7	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10705	Bridge Rail Type 7 (Special)	Brdg Rail Ty 7 (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10720	Bridge Rail Type 7 (Section A)	Brdg Rail Ty 7 (Sect A)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10742	Bridge Rail Type 7 (42")	Bridge Rail Ty 7 (42")	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10750	Bridge Rail Type 7R	Brdg Rail Ty 7R	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-10755	Bridge Rail Type 7R (Special)	Brdg Rail Ty 7R (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10800	Bridge Rail Type 8	Brdg Rail Ty 8	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10805	Bridge Rail Type 8 (Special)	Brdg Rail Ty 8 (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10810	Bridge Rail Type 8R MASH	Bridge Rail Type 8R MASH	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10900	Bridge Rail Type 9	Brdg Rail Ty 9	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-10905	Bridge Rail Type 9 (Special)	Brdg Rail Ty 9 (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11000	Bridge Rail Type 10	Brdg Rail Ty 10	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11005	Bridge Rail Type 10 (Special)	Brdg Rail Ty 10 (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11010	Bridge Rail Type 10R	Brdg Rail Ty 10R	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11011	Bridge Rail Type 10R (Install Only)	Inst Brdg Rail Ty 10R	LF	X				Installation of bridge rail

606-11015	Bridge Rail Type 10R (Special)	Brdg Rail Ty 10R (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11020	Bridge Rail Type 10H	Brdg Rail Ty 10H	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11025	Bridge Rail Type 10H (Special)	Brdg Rail Ty 10H (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11030	Bridge Rail Type 10M	Brdg Rail Ty 10M	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11032	Bridge Rail Type 10M (Special)	Brdg Rail Ty 10M (Spec)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11033	Bridge Rail Type 10M(Special)(Install Only)	Brdg Rail Ty 10M(Spec)(Inst Only)	LF	X				Installation of bridge rail
606-11035	Bridge Rail Type 10 MASH	Brdg Rail Ty 10 MASH	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11037	Bridge Rail Type 10R MASH	Brdg Rail Ty 10R MASH	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-11900	Bridge Rail Post	Brdg Rail Post	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-11902	Bridge Rail Bolt	Bridge Rail Bolt	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-20010	High-Tension Cable Barrier	High-Tension Cable Barrier	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-20013	High-Tension Cable Barrier (TL-3)	High-Tension Cable Barrier (TL-3)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-20014	High-Tension Cable Barrier (TL-4)	High-Tension Cable Barrier (TL-4)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-20015	High-Tension Cable Barrier (TL-3)(Special)	High-Ten Cable Barrier (TL-3) (Special)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-21010	End Anchorage (High-Tension Cable Barrier)	End Anchor (High-Tens Cab Bar)	EACH		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-32405	Light Standard Steel (40 Foot) (2 Arm)	Light Stand Steel (40 Ft) (2 Arm)	EACH		X			BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
606-40400	Structural Concrete Stain	Struct Conc Stain	SY	X				No BABA - paints and stains do not require BABA documentation
606-99998	Guardrail (Special)	Gdrail (Spec)	SF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material

606-99999	Guardrail Type 7 (Precast)	Gdrail Ty 7 (Precast)	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
607-00000	Line Post	Line Post	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00005	End Post	End Post	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00006	End Post (Tubing)	End Post (Tube)	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00010	Corner and Line Brace Post	Corner and Line Br Post	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00011	Corner and Line Brace Post (Tubing)	Corner and Line Br Post (Tube)	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00015	End Post (Special)	End Post (Spec)	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00020	Corner and Line Brace Post (Special)	Corner and Line Br Post (Spec)	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material
607-00030	Brace Post (Special)	Br Post (Spec)	EACH		X		X	BA required if composed of iron and steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material

							<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-01000	Fence Barbed Wire with Metal Posts	Fence BW MP	LF		X	X	
							<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-01010	Fence Barbed Wire with Metal Posts (Special)	Fence BW MP (Spec)	LF		X	X	
607-01025	Install Fence	Inst Fence	LF				Installation of fence

607-01030	Fence (Furnish Only)	Furnish Fence	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-01050	Fence Wire With Metal Posts	Fence Wire MP	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-01055	Fence Wire With Treated Wooden Posts	Fence Wire TWP	LF	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-01100	Fence Barbed Wire With Treated Wooden Posts	Fence BW TWP	LF	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-01110	Fence Barbed Wire With Treated Wooden Posts (Special)	Fence BW TWP (Spec)	LF	X		<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11200	Fence Combination Wire With Metal Posts	Fence CW MP	LF	X		<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-11220	Fence Combination Wire With Metal Posts (Special)	Fence CW MP (Spec)	LF	X		<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11300	Fence Combination Wire With Treated Wooden Posts	Fence CW TWP	LF	X		<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-11310	Fence Combination Wire With Treated Wooden Posts (Special)	Fence CW TWP (Spec)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11350	Fence Deer	Fence Deer	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand • Top Rail (if one exists) • Rail End • Carriage Bolt • Brace Band • Transition Band • Anchor <p>BABA required for the following if composed of aluminum, wood or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • line post • Rail End • Carriage Bolt • Brace Band • Transition Band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand • Top Rail (if one exists) • Rail End • Carriage Bolt • Brace Band • Transition Band • Anchor <p>BABA required for the following if composed of aluminum, wood or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • line post • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11352	Fence Deer (Wire Mesh)	Fence Deer (Wire Mesh)	LF		X		X	
607-11354	Fence Deer (Wooden Stays)	Fence Deer (Wooden Stays)	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand • Top Rail (if one exists) • Rail End • Carriage Bolt • Brace Band • Transition Band • Anchor <p>BABA required for the following if composed of aluminum, wood or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • line post • Rail End • Carriage Bolt • Brace Band • Transition Band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand • Top Rail (if one exists) • Rail End • Carriage Bolt • Brace Band • Transition Band • Anchor <p>BABA required for the following if composed of aluminum, wood or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • line post • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11360	Fence Deer (Special)	Fence Deer (Spec)	LF		X		X	
607-11400	Fence Picket	Fence Picket	LF				X	BABA - wood product
607-11450	Fence Split Cedar	Fence Split Cedar	LF				X	BABA - wood product
607-11455	Fence Wood	Fence Wood	LF				X	BABA - wood product
607-11460	Fence Wood Railing	Fence Wood Rail	LF				X	BABA - wood product
607-11500	Fence Stockade	Fence Stockade	LF				X	BABA - wood product
607-11525	Fence (Plastic)	Fence (Plastic)	LF				X	BABA - plastic/polymer based product
								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand • Top Rail (if one exists) • Rail End • Carriage Bolt • Brace Band • Transition Band • Anchor <p>BABA required for the following if composed of aluminum, wood or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • line post • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11530	Fence (Special)	Fence (Spec)	LF		X		X	
								<p>BA required for any components composed of iron and steel per FMM requirements</p> <p>BABA required for any components of wood, aluminum, or other construction material</p>
607-11550	Screen Wall	Screen Wall	LF		X		X	

607-11560	Debris Barrier	Debris Barrier	SF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
607-11575	Rock Fall Fence	Rock Fall Fence	LF		X		X	BA required for any components composed of iron and steel per FMM requirements BABA required for any components of wood, aluminum, or other construction material
607-11576	Temporary Rockfall Containment System	Temp Rockfall Containment Sys	L S	X				No material permanently installed
607-11577	Portable Rockfall Fence Assembly	Port Rockfall Fence Assem	LF	X				No material permanently installed
607-11580	Fence (Temporary)	Fence (Temp)	LF	X				No material permanently installed
607-11581	Fence (Temporary) (Special)	Fence (Temp) (Spec)	LF	X				No material permanently installed
607-11590	Flex Post Fence	Flex Post Fence	LF	X	X		X	BA required for the following if composed of iron and steel per FMM requirements • Fence • Post BABA required for the following if composed of aluminum, wood or other construction material: • Fence • Post No BA or BABA required if no items are permanently incorporated
607-11595	Flex Post Fence (Special)	Flex Post Fence (Spec)	LF	X	X		X	BA required for the following if composed of iron and steel per FMM requirements • Fence • Post BABA required for the following if composed of aluminum, wood or other construction material: • Fence • Post No BA or BABA required if no items are permanently incorporated
607-11598	Threadbar Fence	Threadbar Fence	LF	X	X		X	BA required for the following if composed of iron and steel per FMM requirements • Fence • Post BABA required for the following if composed of aluminum, wood or other construction material: • Fence • Post No BA or BABA required if no items are permanently incorporated

607-11600	Fence Wood (Noise Barrier)	Fence Wood (Noise)	SF				X	BA – iron and steel (some fences have metal posts) per FMM requirements BABA - wood, aluminum (some fences have metal posts)
607-11672	Fence Wood (Noise Barrier) (72 Inch)	Fence Wood (Noise) (72 In)	LF				X	BA – iron and steel (some fences have metal posts) per FMM requirements BABA - wood, aluminum (some fences have metal posts)
607-11696	Fence Wood (Noise Barrier) (96 Inch)	Fence Wood (Noise) (96 In)	LF				X	BA – iron and steel (some fences have metal posts) per FMM requirements BABA - wood, aluminum (some fences have metal posts)
607-11720	Fence Wood (Noise Barrier) (120 Inch)	Fence Wood (Noise) (120 In)	LF				X	BA – iron and steel (some fences have metal posts) per FMM requirements BABA - wood, aluminum (some fences have metal posts)
607-11744	Fence Wood (Noise Barrier) (144 Inch)	Fence Wood (Noise) (144 In)	LF				X	BA – iron and steel (some fences have metal posts) per FMM requirements BABA - wood, aluminum (some fences have metal posts)
607-11799	Fence Wood (Noise Barrier) (Special)	Fence Wood (Noise) (Spec)	LF				X	BA – iron and steel (some fences have metal posts) per FMM requirements BABA - wood, aluminum (some fences have metal posts)
607-11937	Fence Metal (36 Inch)	Fence Metal (36 In)	LF		X		X	BA required for the following if composed of iron and steel <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band BABA required for the following if composed of aluminum: <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-11960	Fence Metal (Noise Barrier) (60 Inch)	Fence Metal (Noise) (60 In)	LF		X		X	
607-13000	Fence Masonry (Noise Barrier)	Fence Msnry (Noise)	SF	X	X			<p>BA for any iron and steel reinforcement per FMM requirements</p> <p>Masonry block is exempt from BABA documentation</p>
607-13064	Fence Masonry (Noise Barrier) (64 Inch)	Fence Msnry (Noise) (64 In)	LF	X	X			<p>BA for any iron and steel reinforcement per FMM requirements</p> <p>Masonry block is exempt from BABA documentation</p>
607-13088	Fence Masonry (Noise Barrier)(88 Inch)	Fence Msnry (Noise)(88 In)	LF	X	X			<p>BA for any iron and steel reinforcement per FMM requirements</p> <p>Masonry block is exempt from BABA documentation</p>
607-13096	Fence Masonry (Noise Barrier) (96 Inch)	Fence Msnry (Noise) (96 In)	LF	X	X			<p>BA for any iron and steel reinforcement per FMM requirements</p> <p>Masonry block is exempt from BABA documentation</p>
607-13104	Fence Masonry (Noise Barrier) (104 Inch)	Fence Msnry (Noise) (104 In)	LF	X	X			<p>BA for any iron and steel reinforcement per FMM requirements</p> <p>Masonry block is exempt from BABA documentation</p>
607-13112	Fence Masonry (Noise Barrier) (112 Inch)	Fence Msnry (Noise) (112 In)	LF	X	X			<p>BA for any iron and steel reinforcement per FMM requirements</p> <p>Masonry block is exempt from BABA documentation</p>

607-13120	Fence Masonry (Noise Barrier) (120 Inch)	Fence Msnry (Noise) (120 In)	LF	X	X		BA for any iron and steel reinforcement per FMM requirements Masonry block is exempt from BABA documentation
607-13144	Fence Masonry (Noise Barrier) (144 Inch)	Fence Msnry (Noise) (144 In)	LF	X	X		BA for any iron and steel reinforcement per FMM requirements Masonry block is exempt from BABA documentation
607-13156	Fence Masonry (Noise Barrier) (156 Inch)	Fence Msnry (Noise) (156 In)	LF	X	X		BA for any iron and steel reinforcement per FMM requirements Masonry block is exempt from BABA documentation
607-13180	Fence Masonry (Noise Barrier) (180 Inch)	Fence Msnry (Noise) (180 In)	LF	X	X		BA for any iron and steel reinforcement per FMM requirements Masonry block is exempt from BABA documentation
607-13196	Fence Masonry (Noise Barrier) (196 Inch)	Fence Msnry (Noise) (196 In)	LF	X	X		BA for any iron and steel reinforcement per FMM requirements Masonry block is exempt from BABA documentation

607-14000	Fence Composite (Noise Barrier)	Fence Comp (Noise)	SF	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel <p>BABA required for</p> <ul style="list-style-type: none"> • Glass wool membrane
607-14090	Fence Composite (Noise Barrier) (90 Inch)	Fence Comp (Noise) (90 In)	LF	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel <p>BABA required for</p> <ul style="list-style-type: none"> • Glass wool membrane

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel <p>BABA required for</p> <ul style="list-style-type: none"> • Glass wool membrane
607-14144	Fence Composite (Noise Barrier) (144 Inch)	Fence Comp (Noise) (144 In)	LF		X		X	
607-15000	Fence Concrete (Noise Barrier)	Fence Conc (Noise)	SF	X	X			<p>BA for any iron / steel per FMM requirements</p> <p>Concrete is exempt from BABA documentation</p>
607-15005	Fence Concrete (Special)	Fence Conc (Spec)	SF	X	X			<p>BA for any iron / steel per FMM requirements</p> <p>Concrete is exempt from BABA documentation</p>
607-15015	Fence Concrete (Noise) (Install Only)	Fence Conc (Noise) (Inst)	SF					Installation of concrete fence

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel <p>BABA required for</p> <ul style="list-style-type: none"> • Glass wool membrane
607-15100	Fence (Noise Barrier)	Fence (Noise)	SF		X		X	
607-15144	Fence Concrete (Noise Barrier)(144 Inch)	Fence Concrete (Noise)(144 In)	LF	X	X			<p>BA for any iron / steel per FMM requirements</p> <p>Concrete is exempt from BABA documentation</p>

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel <p>BABA required for</p> <ul style="list-style-type: none"> • Glass wool membrane
607-15200	Fence (Noise Barrier) (Alternate)	Fence (Noise) (Alt)	SF		X		X	
607-16000	Noise Barrier Rehabilitation	Noise Barrier Rehab	SF	X	X	X	X	Refer to plan set and specifications for any rehabilitations. Any iron and steel replacements will require BA documentation. Any construction products will require BABA documentation.
607-20000	Safety Screen	Safety Screen	EACH		X	X	X	<p>Refer to project plans and specifications concerning the expansion device and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
607-20100	Glare Screen (Modular)	Glare Screen (Modular)	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Rail • Rail lip • Strand <p>BABA required for the following if composed of aluminum, zinc or other construction material:</p> <ul style="list-style-type: none"> • Blades • Mounting base

607-20110	Glare Screen (Special)	Glare Screen (Special)	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Rail • Rail lip • Strand <p>BABA required for the following if composed of aluminum, zinc or other construction material:</p> <ul style="list-style-type: none"> • Blades • Mounting base
607-20124	Glare Screen (24 Inch)	Glare Screen (24 In)	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Rail • Rail lip • Strand <p>BABA required for the following if composed of aluminum, zinc or other construction material:</p> <ul style="list-style-type: none"> • Blades • Mounting base
607-21300	Fence Barrier With Metal Posts	Fence Barrier MP	LF		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel <p>BABA required for</p> <ul style="list-style-type: none"> • Glass wool membrane
607-32000	Fence Picket Snow	Fence Picket Snow	LF				X	<p>BABA required if composed of wood, aluminum, plastic/polymer/resin or other construction material</p>
607-32208	Wood Snow Fence (8 Foot High)	Wood Snow Fence (8 Ft)	EACH				X	<p>BABA required if composed of wood, aluminum, plastic/polymer/resin or other construction material</p>
607-32210	Wood Snow Fence (10 Foot High)	Wood Snow Fence (10 Ft)	EACH				X	<p>BABA required if composed of wood, aluminum, plastic/polymer/resin or other construction material</p>

607-32212	Wood Snow Fence (12 Foot High)	Wood Snow Fence (12 Ft)	EACH				X	BABA required if composed of wood, aluminum, plastic/polymer/resin or other construction material
								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed of aluminum</p> <ul style="list-style-type: none"> • Fence • Sheeting • Plate • Bracket • Panel • H-post <p>BABA required for the following if composed acrylic or acrylic board or resin</p> <ul style="list-style-type: none"> • Fence • Sheeting • Panel
607-32300	Fence (Chain Link/Masonry)	Fence (CL/Msnry)	LF		X		X	No BABA requirement for masonry
607-52900	Line Post (Chain Link)	Line Post (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <p>BABA required for the following if composed of aluminum or wood:</p>
607-52905	End Post (Chain Link)	End Post (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <p>BABA required for the following if composed of aluminum or wood:</p>
607-52910	Corner and Line Brace Post (Chain Link)	Corner and Line Br Post (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <p>BABA required for the following if composed of aluminum or wood:</p>
607-53001	Fence Chain Link (PVC Coated)	Fence CL (PVC)	LF				X	<p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>PVC coating is considered an incidental item</p>

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53005	Fence Chain Link (Special)	Fence CL (Spec)	LF	X			X	
								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53010	Fence Chain Link (Industrial)	Fence CL (Indust)	LF	X			X	
								<p>Buy America required for the following:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53136	Fence Chain Link (36 Inch)	Fence CL (36 In)	LF	X			X	

607-53137	Fence Chain Link (Special) (36 Inch)	Fence CL (Spec) (36 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53142	Fence Chain Link (42 Inch)	Fence CL (42 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53143	Fence Chain Link (Special) (42 Inch)	Fence CL (Spec) (42 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53148	Fence Chain Link (48 Inch)	Fence CL (48 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53149	Fence Chain Link (Special) (48 Inch)	Fence CL (Spec) (48 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53155	Fence Chain Link (Special)(54 Inch)	Fence CL (Spec)(54 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53160	Fence Chain Link (60 Inch)	Fence CL (60 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53161	Fence Chain Link (Special) (60 Inch)	Fence CL (Spec) (60 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53172	Fence Chain Link (72 Inch)	Fence CL (72 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53173	Fence Chain Link (Special) (72 Inch)	Fence CL (Spec) (72 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53178	Fence Chain Link (Spec) (78 In)	Fence CL (Spec) (78 In)	LF	X			X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53184	Fence Chain Link (84 Inch)	Fence CL (84 In)	LF	X			X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53185	Fence Chain Link (Special) (84 Inch)	Fence CL (Spec) (84 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53189	Fence (Chain Link)(Special)(88 Inch)	Fence (CL)(Spec)(88 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53191	Fence Chain Link (Special) (92 Inch)	Fence CL (Spec) (92 In)	LF	X			X	
								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53196	Fence Chain Link (96 Inch)	Fence CL (96 In)	LF	X			X	

607-53197	Fence Chain Link (Special) (96 Inch)	Fence CL (Spec) (96 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53203	Fence Chain Link (Special)(102 Inch)	Fence CL (Spec)(102 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-53220	Fence Chain Link (120 Inch)	Fence CL (120 In)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-53500	Fence Chain Link (Pedestrian)	Fence CL (Pedest)	LF	X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

607-54072	Fence Chain Link Screen (72 Inch)	Fence CL Screen (72 In)	LF	X			X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-54096	Fence Chain Link Screen (96 Inch)	Fence CL Screen (96 In)	LF	X			X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Top Rail • Rail End • Carriage Bolt • Brace Band • Transition Band
607-54120	Fence Chain Link Screen (120 Inch)	Fence CL Screen (120 In)	LF	X			X	
607-55001	Fabric Chain Link (PVC Coated)	Fabric CL (PVC)	SF				X	<p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>PVC coating is considered an incidental item</p>
607-55030	Mesh Post	Mesh Post	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <p>BABA required for the following if composed of:</p> <ul style="list-style-type: none"> • Aluminum • Plastic • Wood <p>No BABA if iron, steel or aluminum post arrives onsite with a plastic top or cover adhered to the top</p>
607-55031	Mesh Post (Special)	Mesh Post (Spec)	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <p>BABA required for the following if composed of:</p> <ul style="list-style-type: none"> • Aluminum • Plastic • Wood <p>No BABA if iron, steel or aluminum post arrives onsite with a plastic top or cover adhered to the top</p>

607-55040	Mesh Anchor	Mesh Anchor	EACH		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of:</p> <ul style="list-style-type: none"> Aluminum Plastic
607-55041	Mesh Anchor	Mesh Anchor	LF		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of:</p> <ul style="list-style-type: none"> Aluminum Plastic
607-55050	Mesh Anchor (Special)	Mesh Anchor (Spec)	EACH		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of:</p> <ul style="list-style-type: none"> Aluminum Plastic
607-55060	Mesh Pin	Mesh Pin	EACH		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of:</p> <ul style="list-style-type: none"> Aluminum Plastic
607-55099	Wire Mesh (Anchored)	Wire Mesh (Anchored)	SF		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of:</p> <ul style="list-style-type: none"> Aluminum Plastic
607-55100	Wire Mesh (Draped)	Wire Mesh (Draped)	SF		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required if composed of:</p> <ul style="list-style-type: none"> Aluminum Plastic
607-55101	Cable Net (1/2 Inch)	Cable Net (1/2 In)	SF		X		X	<p>BA required for the following if composed of iron and steel per FMM requirements</p> <ul style="list-style-type: none"> Cable net Tension ties Boundary cables <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> Cable net Tension ties Boundary cables

								<p>BA required for the following if composed of iron and steel per FMM requirements</p> <ul style="list-style-type: none"> • Cable net • Tension ties • Boundary cables <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> • Cable net • Tension ties • Boundary cables
607-55102	Cable Net (5/16 Inch)	Cable Net (5/16 In)	SF		X		X	
607-55103	Cable Net (Special)	Cable Net (Spec)	SF		X		X	<p>BA required for the following if composed of iron and steel per FMM requirements</p> <ul style="list-style-type: none"> • Cable net • Tension ties • Boundary cables <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> • Cable net • Tension ties • Boundary cables
607-55104	Wire Mesh (Special)	Wire Mesh (Special)	SF		X		X	<p>BA required if composed of iron and steel per FMM requirements</p> <p>BABA required for the following if composed of:</p> <ul style="list-style-type: none"> • Aluminum • Plastic
607-55105	Cable Net Extension	Cable Net Extension	SF		X		X	<p>BA required for the following if composed of iron and steel per FMM requirements</p> <ul style="list-style-type: none"> • Cable net • Tension ties • Boundary cables <p>BABA required for the following if composed of aluminum:</p> <ul style="list-style-type: none"> • Cable net • Tension ties • Boundary cables
607-55110	Safety Rail (Cable)	Safety Rail (Cable)	LF		X	X	X	<p>Refer to project plans and specifications concerning the safety rail and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>

607-55200	Rock Anchor	Rock Anchor	LF		X	X	X	<p>Refer to project plans and specifications concerning the rock anchor and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
607-56001	Fence (Animal Protection)	Fence (Animal Protect)	LF		X	X	X	<p>Refer to project plans and specifications concerning the fence and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
607-60000	Deer Gate	Deer Gate	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Posts • Tines • Brackets • Angle irons • Trip wires <p>BABA required for the following if composed of aluminum or wood:</p> <ul style="list-style-type: none"> • Posts • Tines • Brackets • Angle irons • Trip wires <p>BABA not required for the following</p> <ul style="list-style-type: none"> • Animal counter device
607-60001	Pedestrian Gate (Special)	Pedest Gate (Spec)	EACH		X	X	X	<p>Refer to project plans and specifications concerning the gate and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

607-60002	Game Ramp	Game Ramp	EACH		X	X	X	<p>Most likely soil placement, aggregates are exempt from BABA</p> <p>Refer to project plans and specifications concerning the game ramp and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
607-60003	3 Foot Gate Walk	3 Ft Gate Walk	EACH		X	X	X	<p>Refer to project plans and specifications concerning the gate and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
607-60004	4 Foot Gate Walk	4 Ft Gate Walk	EACH		X	X	X	<p>Refer to project plans and specifications concerning the gate and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
607-60005	5 Foot Gate Walk	5 Ft Gate Walk	EACH		X	X	X	<p>Refer to project plans and specifications concerning the gate and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
607-60006	6 Foot Gate Walk	6 Ft Gate Walk	EACH		X	X	X	<p>Refer to project plans and specifications concerning the gate and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
607-60008	Game Ramp (Special)	Game Ramp (Special)	EACH		X	X	X	<p>Most likely soil placement, aggregates are exempt from BABA</p> <p>Refer to project plans and specifications concerning the game ramp and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
607-60010	Game Ramp (Lumber)	Game Ramp (Lumber)	EACH				X	<p>BABA required if composed of wood, aluminum, plastic/polymer, or other construction material</p>

607-60012	Game Ramp (Backfill)	Game Ramp (Backfill)	EACH	X				No BABA is required for backfilling
607-60014	Game Ramp (Seeding)	Game Ramp (Seeding)	EACH	X				No BABA is required for seeding
607-60103	3 Foot Gate	3 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60105	4 Foot Gate (Special)	4 Foot Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60108	8 Foot Gate	8 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60109	8 Foot Gate (Special)	8 Foot Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60110	10 Foot Gate	10 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60111	10 Foot Gate (Special)	10 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60112	12 Foot Gate	12 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60113	12 Foot Gate (Special)	12 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60114	14 Foot Gate	14 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

								BA required for the following if composed of iron and steel <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band BABA required for the following if composed of aluminum or other construction material: <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60115	14 Foot Gate (Chain Link) (PVC Coated)	14 Ft Gate(CL)(PVC Coated)	EACH		X		X	
607-60116	16 Foot Gate	16 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60117	16 Foot Gate (Special)	16 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60119	18 Foot Gate (Special)	18 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60120	20 Foot Gate	20 Ft Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60121	20 Foot Gate (Special)	20 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60153	3 Foot Gate (Special)	3 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60203	3 Ft Gate Single (Chain Link)	3 Ft Gate S (CL)	EACH		X		X	
607-60208	8 Ft Gate Single (Chain Link)	8 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60212	12 Foot Gate Single (Chain Link)	12 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band

607-60215	15 Foot Gate Single (Chain Link)	15 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60216	16 Foot Gate Single (Chain Link)	16 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60218	18 Foot Gate Single (Chain Link)	18 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band

607-60220	20 Foot Gate Single (Chain Link)	20 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60230	30 Foot Gate Single (Chain Link)	30 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60240	40 Foot Gate Single (Chain Link)	40 Ft Gate S (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60243	40 Foot Gate (Special)	40 Foot Gate (Special)	EACH		X		X	
607-60266	16 Foot Gate Double (Chain Link)	16 Ft Gate D (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60270	20 Foot Gate Double (Chain Link)	20 Ft Gate D (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band

								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>PVC coating is considered an incidental item</p>
607-60271	20 Foot Gate Double (Chain Link) (PVC Coated)	20 Ft Gate D (CL) (PVC Coated)	EACH		X		X	
607-60274	24 Foot Gate Double (Chain Link)	24 Ft Gate D (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band

607-60276	26 Foot Gate Double (Chain Link)	26 Ft Gate D (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60280	30 Foot Gate Double (Chain Link)	30 Ft Gate D (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band
607-60290	40 Foot Gate Double (Chain Link)	40 Ft Gate D (CL)	EACH		X		X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band <p>BABA required for the following if composed of aluminum or other construction material:</p> <ul style="list-style-type: none"> • Fence • Post Cap • Strand or truss rod • Hinge Post • Tension Bar • Post/frame hinge • Tension or rail end band

								BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60316	16 Foot Gate Twin	16 Ft Gate Twin	EACH		X		X	
607-60320	20 Foot Gate Twin	20 Ft Gate Twin	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60324	24 Foot Gate Twin	24 Ft Gate Twin	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60332	32 Foot Gate Twin	32 Ft Gate Twin	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60335	35 Foot Gate Twin	35 Ft Gate Twin	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60340	40 Foot Gate Twin	40 Ft Gate Twin	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60420	20 Foot Gate Twin (Special)	20 Ft Gate Twin (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60424	24 Foot Gate Twin (Special)	24 Ft Gate Twin (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60514	14 Foot Gate (Special)	14 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60516	Place 16 Foot Gate	Place 16 Ft Gate	EACH	X				Installation of gate
607-60520	Place 20 Foot Gate	Place 20 Ft Gate	EACH	X				Installation of gate
607-60524	24 Foot Gate (Special)	24 Ft Gate (Spec)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

607-60600	Security Gate	Security Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60610	Vehicle Gate	Vehicle Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60620	Road Closure Gate	Road Closure Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60625	Road Closure Gate (Install Only)	Road Closure Gate (Install Only)	EACH	X				Installation of gate
607-60630	HOV Gate	HOV Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60635	HOV Gate Foundation	HOV Gate Foundation	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-60650	HOV Gate Controller Cabinet	HOV Gate Ctrl Cab	EACH		X	X	X	Assumption – the cabinet may be a multiple component system, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the HOV gate controller cabinet and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
607-61216	16 Foot Gate Double Screen	16 Ft Gate D S	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-61220	20 Foot Gate Double Screen	20 Ft Gate D S	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

607-61224	24 Foot Gate Double Screen	24 Ft Gate D S	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-61232	32 Foot Gate Double Screen	32 Ft Gate D S	EACH		X			BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
607-62000	Temporary Rockfall Containment System	Temp Rock Contain Sys	L S	X				No material permanently installed
608-00000	Concrete Sidewalk	Conc Sidewalk	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00003	Concrete Sidewalk (Fast Track)	Conc Sidewalk (Fast Track)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00005	Concrete Sidewalk (Special)	Conc Sidewalk (Spec)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00006	Concrete Sidewalk (6 Inch)	Conc Sidewalk (6 In)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00010	Concrete Curb Ramp	Conc Curb Ramp	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00011	Curb Ramp (Fast Track)	Curb Ramp (Fast Track)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00012	Curb Ramp (Special)	Curb Ramp (Spec)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt

								Refer to project plans and specifications concerning the detectable warnings and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
608-00015	Detectable Warnings	Detectable Warnings	SF		X	X	X	
608-00016	Detectable Warnings (Install Only)	Inst Detectable Warnings	SF	X				Installation of detectable warning
608-00017	Curb Ramp (Temporary Perpendicular)	Curb Ramp (Temp Perpendicular)	EACH		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00018	Curb Ramp (Temporary Parallel) (Single)	Curb Ramp (Temp Parallel) (Single)	EACH		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00020	Concrete Bikeway	Conc Bikeway	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00024	Concrete Bikeway (4 Inch)	Conc Bikeway (4 In)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00025	Concrete Bikeway (5 Inch)	Conc Bikeway (5 In)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00026	Concrete Bikeway (6 Inch)	Conc Bikeway (6 In)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00028	Concrete Bikeway (8 Inch)	Conc Bikeway (8 In)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt
608-00040	Concrete Bikeway (Special)	Conc Bikeway (Spec)	SY		X			BA required for iron/steel per FMM requirements. No BABA – concrete, cement, grout and asphalt are exempt

								BA required for iron/steel per FMM requirements. No BABA – aggregate and brick are exempt
608-00050	Brick Pavers	Brick Pavers	SF	X				
608-00051	Brick Pavers (Install Only)	Inst Brick Pavers	SF	X				Installation of brick pavers
								BA required for iron/steel per FMM requirements. No BABA – aggregate and brick are exempt
608-00060	Stone Pavers	Stone Pavers	SF	X				
								BA required for iron/steel per FMM requirements. No BABA – aggregate and brick are exempt
608-00070	Interlocking Pavers	Interlock Pavers	SF	X				
608-00100	Reinforced Grass/Concrete Porous Pavement	Reinf Grass/Conc Pvmt	SY	X				No BABA – aggregate and brick are exempt
608-00110	Reinforced Grass/Plastic Porous Pavement	Reinf Grass/Plastic Pvmt	SY				X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-00350	Concrete Sidewalk (Colored)	Conc Sidewalk (C)	SY			X		
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-00400	Concrete Sidewalk (Colored) (Exposed Aggregate)	Conc Sidewalk (C) (EA)	SY			X		
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-00500	Concrete Sidewalk (Exposed Aggregate)	Conc Sidewalk (EA)	SY			X		
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-01000	Bituminous Sidewalk	Bitum Sidewalk	TON			X		
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-01010	Bituminous Curb Ramp	Bitum Curb Ramp	TON			X		
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-01500	Bituminous Bikeway	Bitum Bikeway	TON			X		
608-01550	Place Asphalt Millings	Place Asph Millings	SY	X				Installation of asphalt
608-01600	Aggregate Walkway	Aggregate Walkway	SY	X				No BABA - aggregate is exempt
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-10000	Sidewalk Drain	Sidewalk Drain	LF			X		
								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
608-10010	Sidewalk Drain	Sidewalk Drain	EACH			X		

609-09015	Modify Post-Tensioning System	Mod Post-Tens Sys	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
609-20000	Curb Type 2 (Section B) (Special)	Curb Ty 2 B (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-20004	Curb and Gutter Type 2 (Section II-M) (Special)	Curb and Gutter Ty 2 (Sect II-M)(Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-20010	Curb Type 2 (Section B)	Curb Ty 2 B	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-20011	Curb Type 2 (Section M)	Curb Ty 2 M	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-20100	Curb Type 2 (Section-Variable)	Curb Ty 2 Variable	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-20110	Curb Type 2 (Colored)	Curb Ty 2 (C)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21000	Concrete Curb Stop	Concrete Curb Stop	EACH		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21009	Curb and Gutter Type 2 (Section I-B) (Colored)	C and G Ty 2 I-B (C)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21010	Curb and Gutter Type 2 (Section I-B)	C and G Ty 2 I-B	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21011	Curb and Gutter Type 2 (Section I-M)	C and G Ty 2 I-M	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21013	Curb and Gutter Type 2 (Section I-M) (Special)	C and G Ty 2 I-M (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21020	Curb and Gutter Type 2 (Section II-B)	C and G Ty 2 II-B	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt

								BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21021	Curb and Gutter Type 2 (Section II-M)	C and G Ty 2 II-M	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21022	Curb and Gutter Type 2 (Section II-B) (Colored)	C and G Ty 2 II-B (C)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21023	Curb and Gutter Type 2 (Section II-B) (Special)	C and G Ty 2 II-B (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21025	Curb and Gutter Type 2 (Section BS)	C and G Ty 2 BS	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21100	Curb and Gutter Type 2 (Section-Variable)	C and G Ty 2 Variable	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21110	Curb and Gutter Type 2 (Section I-B) (Special)	C & G Ty 2 I-B (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-21900	Curb and Gutter Type 2 (Special)	C and G Ty 2 (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-22021	Curb, Gutter and Sidewalk Type 2 (Section MS)	CGS Ty 2 MS	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-22022	Curb, Gutter and Sidewalk Type 2 (Section II-B)	CGS Ty 2 II-B	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-22025	Curb, Gutter and Sidewalk Type 2 (Section BS)	CGS Ty 2 BS	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-22900	Curb, Gutter and Sidewalk (Special)	CGS (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-23000	Gutter (Special)	Gutter (Special)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24000	Gutter Type 2 (Special)	Gutter Ty 2 (Spec)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt

609-24002	Gutter Type 2 (2 Foot)	Gutter Ty 2 (2 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24003	Gutter Type 2 (3 Foot)	Gutter Ty 2 (3 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24004	Gutter Type 2 (4 Foot)	Gutter Ty 2 (4 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24005	Gutter Type 2 (5 Foot)	Gutter Ty 2 (5 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24006	Gutter Type 2 (6 Foot)	Gutter Ty 2 (6 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24008	Gutter Type 2 (8 Foot)	Gutter Ty 2 (8 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24010	Gutter Type 2 (10 Foot)	Gutter Ty 2 (10 Ft)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-24100	Gutter Type 2 (Variable)	Gutter Ty 2 Variable	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-31010	Curb and Gutter Type 2 (Section I-B) (Fast Track)	C and G Ty 2 I-B (Fast Track)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-31020	Curb and Gutter Type 2 (Section II-B) (Fast Track)	C and G Ty 2 II-B (Fast Track)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-31025	Curb and Gutter Type 2 (Section II-M) (Fast Track)	C and G Ty 2 II-M (Fast Track)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-34006	Gutter Type 2 (6 Foot) (Fast Track)	Gutter Ty 2 (6 Ft) (Fast Track)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-34008	Gutter Type 2 (8 Foot) (Fast Track)	Gutter Ty 2 (8 Ft) (Fast Track)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt

609-34010	Gutter Type (10 Foot) (Fast Track)	Gutter Ty 2 (10 Ft) (Fast Track)	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40010	Curb Type 4 (Section B)	Curb Ty 4 B	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40011	Curb Type 4 (Section M)	Curb Ty 4 M	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40021	Curb Type 4 (Section B) (Epoxy)	Curb Ty 4 B (Epoxy)	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40031	Curb Type 4 (Section B) (Key-Way)	Curb Ty 4 B (Key-Way)	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40032	Curb Type 4 (Section M) (Key-Way)	Curb Ty 4 M (Key-Way)	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40041	Curb Type 4 (Special)(Sloping)	Curb Ty 4 (Special)(Sloping)	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40042	Curb Type 4 (Special)(Vertical)	Curb Ty 4 (Special)(Vertical)	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40100	Curb Type 4 (Section-Variable)	Curb Ty 4 Variable	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40110	Curb (Median) Type 4 (Section B)	Curb Median Ty 4 B	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40120	Curb (Median) (Special)	Curb Median Special	SY		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-40130	Curb (Median) (Special)	Curb Median Special	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-60011	Curb Type 6 (Section M)	Curb Ty 6 M	LF		X		BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt

609-60900	Curb Type 6 (Section M) Special	Curb Ty 6 M Special	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-70000	Curb (Walkover)	Curb (Walkover)	SF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-70010	Curb (Tunnel)	Curb (Tunnel)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-70020	Curb (8 Inch Vertical-Concrete)	Curb (8 In Vert)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-70030	Tall Curb (Style CA)	Tall Curb (Style CA)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-70031	Tall Curb (Style CC)	Tall Curb (Style CC)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-70040	Curb (Composite Material)	Curb (Composite Material)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
609-71000	Curb (Special)	Curb (Special)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00010	Median Cover Material (Decorative)	Median Cover Matl (Dec)	SF		X	X	X	Most likely soil placement, aggregates are exempt from BABA BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
610-00020	Median Cover Material (Patterned Concrete)	Median Cover (Pattern Conc)	SF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00024	Median Cover Material (4 Inch Patterned Concrete)	Median Cover (4 In Pattern Conc)	SF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00026	Median Cover Material (6 Inch Patterned Concrete)	Median Cover (6 In Pattern Conc)	SF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt

610-00030	Median Cover Material (Concrete)	Median Cover Matl (Conc)	SF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00035	Median Cover Material (Concrete)(Special)	Median Cover Matl (Conc) (Spec)	SF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00040	Median Cover Material (Bituminous)	Median Cover Matl (Bitum)	TON		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00050	Median Cover Material (Stone)	Median Cover Matl (Stone)	TON	X				No BABA - aggregate is exempt from BABA documentation
610-00051	Median Cover Material (Stone) (Special)	Median Cover Matl (Stone) (Spec)	TON	X				No BABA - aggregate is exempt from BABA documentation
610-00055	Median Cover Material (Stone)	Median Cover Matl (Stone)	SF	X				No BABA - aggregate is exempt from BABA documentation
610-00060	Median Cover Material (Brick Pavers)	Median Cover Matl (Brick)	SF	X				No BABA - aggregate is exempt from BABA documentation
610-00100	Median Edging (Patterned Concrete)	Median Edging (Pattern Conc)	LF		X			BA required for iron/steel per FMM requirements. No BABA – concrete and asphalt are exempt
610-00110	Median Edging	Median Edging	LF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
610-01000	Medallion	Medallion	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
611-00010	10 Foot Cattle Guard	10 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00011	10 Foot Deer Guard	10 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00012	12 Foot Cattle Guard	12 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00013	12 Foot Deer Guard	12 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material

611-00014	14 Foot Cattle Guard	14 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00016	16 Foot Cattle Guard	16 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00017	16 Foot Deer Guard	16 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00018	18 Foot Cattle Guard	18 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00019	18 Foot Deer Guard	18 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00020	20 Foot Cattle Guard	20 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00021	20 Foot Deer Guard	20 Ft Deer Guard	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00022	22 Foot Cattle Guard	22 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00023	22 Foot Deer Guard	22 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00024	24 Foot Cattle Guard	24 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00025	24 Foot Deer Guard	24 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material

								BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00026	26 Foot Cattle Guard	26 Ft Cattle Gd	EACH		X		X	
611-00027	26 Foot Deer Guard	26 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00028	28 Foot Cattle Guard	28 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00029	28 Ft Deer Guard	28 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00030	30 Foot Cattle Guard	30 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00031	30 Foot Deer Guard	30 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00032	32 Foot Cattle Guard	32 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00033	32 Foot Deer Guard	32 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00035	34 Foot Deer Guard	34 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00036	36 Foot Cattle Guard	36 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00037	35 Foot Deer Guard	35 Ft Deer Guard	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material

								BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00039	38 Foot Deer Guard	38 Ft Deer Gd	EACH		X		X	
611-00040	40 Foot Cattle Guard	40 Ft Cattle Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00041	40 Foot Deer Guard	40 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00043	42 Foot Deer Guard	42 Ft Deer Guard	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00044	44 Foot Deer Guard	44 Ft Deer Guard	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00047	46 Foot Deer Guard	46 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00051	50 Foot Deer Guard	50 Ft Deer Guard	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00057	56 Foot Deer Guard	56 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00059	58 Foot Deer Guard	58 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00065	64 Foot Deer Guard	64 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00073	72 Foot Deer Guard	72 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material

611-00085	84 Foot Deer Guard	84 Ft Deer Gd	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
611-00200	_____ Ft Electrified Wildlife Barrier	_____ Ft Electrified Wildlife Barrier	EACH		X			BA required for iron / steel per FMM requirements.
611-00500	Place Cattle Guard	Place Cattle Gd	EACH	X				Installation - personal time
611-01000	Railroad Grade Crossing	Railroad Grade Crossing	LF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material
612-00001	Delineator (Type I)	Delin (Ty I)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00002	Delineator (Type II)	Delin (Ty II)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00003	Delineator (Type III)	Delin (Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00010	Delineator (Special)	Delin (Spec)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00011	Delineator (Special) (Furnish Only)	Delin (Spec) (Furn)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00021	Delineator (Type I) (Barrier)	Delin (Ty I) (Barrier)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00022	Delineator (Type II) (Barrier)	Delin (Ty II) (Barrier)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00023	Delineator (Type III) (Barrier)	Delin (Ty III) (Barrier)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00031	Delineator (Type I) (Extra Height)	Delin (Ty I) (Extra Ht)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00032	Delineator (Type II) (Extra Height)	Delin (Ty II) (Extra Ht)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00033	Delineator (Type III) (Extra Height)	Delin (Ty III) (Extra Ht)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00036	Delineator (Flexible) (Square Base)	Delin (Flex) (Sq Base)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00037	Delineator (Flexible) (Flat Mounted)	Delin (Flex) (Flat Mount)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00038	Delineator (Flexible) (Clamp Mounted)	Delin (Flex) (Clmp Mount)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00039	Delineator (Flexible) (Surface Mounted)	Delin (Flex) (Surf Mount)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00040	Delineator (Flexible) (Extra Height)	Delin (Flex) (Extra Ht)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00041	Delineator (Flexible) (Type I)	Delin (Flex) (Ty I)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00042	Delineator (Flexible) (Type II)	Delin (Flex) (Ty II)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00043	Delineator (Flexible) (Type III)	Delin (Flex) (Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material

612-00046	Delineator (Flexible) (Special) (Type I)	Delin (Flex) (Spec) (Ty I)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00047	Delineator (Flexible) (Special) (Type II)	Delin (Flex) (Spec) (Ty II)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00048	Delineator (Flexible) (Special) (Type III)	Delin (Flex) (Spec) (Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00050	Reflector (Type-3)	Reflector (Type-3)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00052	Reflector	Reflector	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00060	Reflector (Median Barrier)	Reflector (Median Barrier)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00065	Reflector Strip (1-1/2 Inch)	Reflector Strip (1-1/2 In)	EACH				X	BABA required if composed of plastic/polymer or other construction material (FHWA classifies paint or adhesive as incidental items)
612-00070	Reflector Strip (4 Inch)	Reflector Strip (4 In)	EACH				X	BABA required if composed of plastic/polymer or other construction material (FHWA classifies paint or adhesive as incidental items)
612-00075	Reflector Strip (6 Inch)	Reflector Strip (6 In)	EACH				X	BABA required if composed of plastic/polymer or other construction material (FHWA classifies paint or adhesive as incidental items)
612-00081	Delineator (Post Mounted)(Type I)	Delin (PM) (Ty I)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00082	Delineator (Post Mounted)(Type II)	Delin (PM)(Ty II)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00083	Delineator (Post Mounted)(Type III)	Delin (PM)(Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00101	Delineator (Drivable Concrete Installation) (Type I)	Delin (Drv Conc Inst) (Ty I)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00102	Delineator (Drivable Concrete Installation) (Type II)	Delin (Drv Conc Inst) (Ty II)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00103	Delineator (Drivable Concrete Installation) (Type III)	Delin (Drv Conc Inst) (Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00104	Delineator (Drivable Concrete Installation) (Type I) (Furnish Only)	Delin (Drv Conc Inst) (Ty I) (Fr Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00105	Delineator (Drivable Concrete Installation) (Type II) (Furnish Only)	Delin (Drv Conc Inst) (Ty II) (Fr Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00106	Delineator (Drivable Concrete Installation) (Type III) (Furnish Only)	Delin (Drv Conc Inst) (Ty III) (Fr Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00107	Delineator (Mounted) (Type III)	Delin (Mounted) (Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00108	Delineator (Mounted) (Type III) (Furnish Only)	Delin (Mounted) (Ty III) (Fr Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00111	Delineator (Drivable)(Type I)	Delin (Drv)(Ty I)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00112	Delineator (Drivable)(Type II)	Delin (Drv)(Ty II)	EACH				X	BABA required if composed of plastic/polymer or other construction material

612-00113	Delineator (Drivable)(Type III)	Delin (Drv)(Ty III)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00114	Delineator (Drivable)(Type I)(Furnish Only)	Delin (Drv)(Ty I)(Furn Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00115	Delineator (Drivable)(Type II)(Furnish Only)	Delin (Drv)(Ty II)(Furn Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00116	Delineator (Drivable)(Type III)(Furnish Only)	Delin (Drv)(Ty III)(Furn Only)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00118	Median Crossover Delineator (Drivable)	Med Crossover Delin (Drv)	EACH				X	BABA required if composed of plastic/polymer or other construction material
612-00250	Concrete Station Marker	Conc Sta Marker	EACH	X				No BABA - concrete and asphalt are exempt products
612-00260	Location Marker (Fiber Optic)(Dome)	Loc Mark (Fib Opt)(Dome)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
612-00266	Location Marker (Electronic)(Ball)	Loc Mark (Electronic)(Ball)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
612-00270	Location Marker (Utility)(Flat Slat)	Loc Mark (Util)(Flat Slat)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
612-00280	Location Marker (Fiber Optic)(Brass Cap)	Loc Mark (Fib Opt)(Brass Cap)	EACH				X	BABA - brass, non-ferrous material
612-00300	Steel Guard Post	Steel Guard Post	EACH		X			BA required for iron/steel per FMM requirements.
612-00500	Adjustable Control Point Box	Adj Ctrl Point Box	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
612-01080	Barrier Striping (6 Inch)	Barrier Striping (6 In)	LF				X	BABA required if composed of plastic/polymer or other construction material (FHWA classifies paint or adhesive as incidental items)
612-15000	Install Marker	Inst Marker	EACH	X				Installation of marker
613-00001	Directional Boring Conduit	Direct Bor Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00025	1-1/4 Inch HDPE Conduit	1-1/4 In HDPE Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material

								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00026	1-1/4 Inch HDPE Conduit (Bored)	1-1/4 Inch HDPE Conduit (Bored)	LF		X		X	
613-00050	1/2 Inch Electrical Conduit	1/2 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00075	3/4 Inch Electrical Conduit	3/4 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00100	1 Inch Electrical Conduit	1 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00102	1 Inch Electrical Conduit (Galvanized Rigid Conduit) (Special)	1 In Elec Cond (GRC) (Special)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00125	1-1/4 Inch Electrical Conduit	1-1/4 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00126	1-1/4 Inch Electrical Conduit (Jacked)	1-1/4 In Elec Cond (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00127	1-1/4 Inch Electrical Conduit (Plastic)(Special)	1-1/4 In Elec Cond (P)(Spec)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00128	1 1/4 Inch Electrical Conduit (Multiduct)(Jacked)	1 1/4 Inch Elec Cond (Multi) (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00150	1-1/2 Inch Electrical Conduit	1-1/2 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00151	1-1/2 Inch Electrical Conduit (Jacked)	1-1/2 In Elec Cond (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material

613-00155	38 mm Electrical Conduit (Innerduct)	38 mm Elec Cond (Innerduct)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00200	2 Inch Electrical Conduit	2 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00201	2 Inch Electrical Conduit (Jacked)	2 In Elec Cond (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00202	2 Inch Electrical Conduit (Jacked) (Install Only)	Inst 2 In Elec Cond (Jacked)	LF	X				Installation of conduit
613-00203	2 Inch Electrical Conduit (Multiduct)(Jacked)	2 Inch Elec Cond (Multi) (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00206	2 Inch Electrical Conduit (Bored)	2 In Elec Cond (Bored)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00207	2 Inch Electrical Conduit (Bridge) (Special)	2 In Elec Cond (Bridge) (Spec)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00208	2 Inch Electrical Conduit (Bored) (Install Only)	Inst 2 In Elec Cond (Bored)	LF	X				Installation of conduit
613-00210	2 Inch Electrical Conduit (Special)	2 In Elec Conduit (Spec)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00250	2-1/2 Inch Electrical Conduit	2-1/2 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00300	3 Inch Electrical Conduit	3 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00301	3 Inch Electrical Conduit (Jacked)	3 In Elec Cond (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material

								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00303	3 Inch Electric Conduit Body (BUB)	3 In Elec Cond Body (BUB)	EACH		X		X	
613-00306	3 Inch Electrical Conduit (Bored)	3 In Elec Cond (Bored)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00350	3-1/2 Inch Electrical Conduit	3-1/2 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00400	4 Inch Electrical Conduit	4 In Elec Cond	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00401	4 Inch Electrical Conduit (Jacked)	4 In Elec Cond (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00402	4 Inch Electrical Conduit (Install Only)	Inst 4 In Elec Cond	LF	X				Installation of conduit
613-00404	4 Inch Electrical Conduit (Multiduct)	4 In Elec Cond (Multiduct)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00405	4 Inch Electrical Conduit (Special)	4 In Elec Cond (Spec)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00406	4 Inch Electrical Conduit (Multiduct) (Jacked)	4 In Elec Cond (Multiduct) (Jacked)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00407	4 Inch Electrical Conduit (Bridge)(Special)	4 In Elec Cond (Brdg)(Spec)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00408	4 Inch Electrical Conduit (Bored)	4 In Elec Cond (Bored)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material

								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00600	6 Inch Electrical Conduit	6 In Elec Cond	LF		X		X	
								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00601	6 Inch Electrical Conduit (Jacked)	6 In Elec Cond (Jacked)	LF		X		X	
613-00602	6 Inch Electrical Conduit (Install Only)	Inst 6 In Elec Cond	LF	X				Installation of conduit
								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00607	6 Inch Electrical Conduit (Bridge)(Special)	6 In Elec Cond (Brdg)(Spec)	LF		X		X	
613-00608	6 Inch Electrical Conduit (Bridge)(Install Only)	Inst 6 In Elec Cond (Bridge)	LF	X				Installation of conduit
613-00700	Inspection Trip	Insp Trip	EACH	X				Labor, personnel/equipment time
								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-00800	8 Inch Electrical Conduit	8 In Elec Cond	LF		X		X	
613-01050	1/2 Inch Electrical Conduit (Plastic)	1/2 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01075	3/4 Inch Electrical Conduit (Plastic)	3/4 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01100	1 Inch Electrical Conduit (Plastic)	1 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01125	1-1/4 Inch Electrical Conduit (Plastic)	1-1/4 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01150	1-1/2 Inch Electrical Conduit (Plastic)	1-1/2 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01200	2 Inch Electrical Conduit (Plastic)	2 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01201	2 Inch Electrical Conduit (Plastic) (Special)	2 In Elec Cond (P) (Spec)	LF				X	BABA - plastic/polymer based product
613-01202	2 Inch Electrical Conduit (Plastic) (Install Only)	Inst 2 In Elec Cond (P)	LF	X				Installation of conduit
613-01250	2-1/2 Inch Electrical Conduit (Plastic)	2-1/2 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01300	3 Inch Electrical Conduit (Plastic)	3 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01301	3 Inch Electrical Conduit (Plastic) (Special)	3 In Elec Cond (P) (Spec)	LF				X	BABA - plastic/polymer based product
613-01302	3 Inch Electrical Conduit (Plastic) (Install Only)	Inst 3 In Elec Cond (P)	LF	X				Installation of conduit
613-01400	4 Inch Electrical Conduit (Plastic)	4 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01402	4 Inch Electrical Conduit (Plastic)(Install Only)	Inst 4 In Elec Cond (P)	LF	X				Installation
613-01600	6 Inch Electrical Conduit (Plastic)	6 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-01602	6 Inch Electrical Conduit (Plastic)(Install Only)	Inst 6 In Elec Cond (P)	LF	X				Installation of conduit
613-01800	8 Inch Electrical Conduit (Plastic)	8 In Elec Cond (P)	LF				X	BABA - Plastic/Polymer based product
								BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-02200	2 Inch Electrical Conduit (Furnish Only)	Furn 2 In Elec Cond	LF		X		X	
613-03100	1 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 1 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-03200	2 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 2 In Elec Cond (P)	LF				X	BABA - plastic/polymer based product
613-03491	Electrical Conduit (Plastic)(Multiduct)	Elec Cond (P) (Mult)	LF				X	BABA - plastic/polymer based product
613-03492	Electrical Conduit (Plastic)(Multiduct)(Bored)	Elec Cond (P)(Mult)(Bored)	LF				X	BABA - plastic/polymer based product
613-03498	Electrical Conduit (Plastic)(Multiduct)(Special)(2)	Elec Cond (P)(Multi)(Sp)(2)	LF				X	BABA - plastic/polymer based product

613-03499	Electrical Conduit (Plastic)(Multiduct)(Special) (Shared)	Elec Cond (P)(Mult)(Spec) (Shrd)	LF				X	BABA - plastic/polymer based product
613-03500	Electrical Conduit (Plastic) (Multiduct) (Special)	Elec Cond (P) (Mult) (Spec)	LF				X	BABA - plastic/polymer based product
613-03501	HID Fixtures (Type M1 Tunnel Luminaire)	HID Fixtures (Ty M1 Tunnel Luminaire)	EACH			X		No BABA required if a manufactured product, BA still applies per FMM requirements
613-03502	HID Fixtures (Type M2 Tunnel Luminaire)	HID Fixtures (Ty M2 Tunnel Luminaire)	EACH			X		No BABA required if a manufactured product, BA still applies per FMM requirements
613-03503	HID Fixtures (Type M3 Tunnel Luminaire)	HID Fixtures (Ty M3 Tunnel Luminaire)	EACH			X		No BABA required if a manufactured product, BA still applies per FMM requirements
613-03511	HID Fixtures (Type M1 Tunnel Luminaire) (Furnish Only)	Furn HID Fixture(Ty M1 Tunnel Luminaire)	EACH			X		No BABA required if a manufactured product, BA still applies per FMM requirements
613-04000	Conduit (Install Only)	Inst Conduit	LF	X				Installation of conduit
613-04010	Conduit	Conduit	LS		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-04020	Hanger System	Hanger System	LS		X	X	X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-04100	Electrical System Modifications	Elect System Mods	LS		X	X	X	Refer to project plans and specifications concerning the electrical system modification BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-04120	1 Inch Electrical Conduit (Liquidtight Flexible Metal)	1 In Elec Cond (Liquidtight Flx Met)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-04125	1-1/4 Inch Electrical Conduit (Liquidtight Flexible Metal)	1-1/4 In Elec Cond (Liquidtight Flx Met)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-04130	1-1/2 Inch Electrical Conduit (Liquidtight Flexible Metal)	1-1/2 In Elec Cond (Liquidtight Flx Met)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material

613-04200	2 Inch Electrical Conduit (Liquidtight Flexible Metal)	2 In Elec Cond (Liquidtight Flx Met)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-04250	2-1/2 Inch Electrical Conduit (Liquidtight Flexible Metal)	2-1/2 In Elec Cond (Liquidtight Flx Met)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-04300	3 Inch Electric Conduit (Liquid tight Flex Metal)	3 In Elec Cond (Liquidtight Flx Met)	LF		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of plastic, aluminum other construction material
613-05000	Direct-Burial Cable	Dir Burial Cable	LF	X	X	X	X	Most likely a manufactured product. BA required for iron/steel per FMM requirements. If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation. If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.
613-05001	Direct Burial Cable (Install Only)	Inst Dir Burial Cable	LF	X				Installation of cable
613-05100	Direct-Burial Cable (Fiber Optics) (Special)	Dir Burial Cable (Fiber) (Spec)	LF				X	BABA - fiber optic product
613-05150	Wildlife Detection System	Wildlife Detection System	LS		X	X	X	Refer to project plans and specifications concerning the wildlife detection system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
613-05151	Wildlife Detection System	Wildlife Detection System	EACH		X	X	X	Refer to project plans and specifications concerning the wildlife detection system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material

613-05200	Heat Trace Cable	Heat Trace Cable	LF	X	X	X	X	<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-05500	Wireway	Wireway	LF	X	X	X	X	<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-05606	6 Inch Wide Cable Tray	6 In Wide Cable Tray	LF		X		X	<p>BA required for iron/steel per FMM requirements.</p> <p>BABA required for any elements composed of plastic, aluminum other construction material</p>
613-05630	30 Inch Wide Cable Tray	30 In Wide Cable Tray	LF		X		X	<p>BA required for iron/steel per FMM requirements.</p> <p>BABA required for any elements composed of plastic, aluminum other construction material</p>
613-06000	Meter Pole	Meter Pole	EACH		X		X	<p>BA required for iron/steel per FMM requirements.</p> <p>BABA required for any elements composed of plastic, aluminum other construction material</p>
613-06500	Motor Terminal Box	Motor Term Box	EACH		X		X	<p>BA required for iron/steel per FMM requirements.</p> <p>BABA required for any elements composed of plastic, aluminum other construction material</p>
613-07000	Pull Box (Special)	Pull Box (Spec)	EACH	X	X		X	<p>BA required if composed of iron or steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p> <p>No BA or BABA required if composed of quartzite</p>

613-07001	Type One Pull Box	Type One Pull Box	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07002	Type Two Pull Box	Type Two Pull Box	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07003	Type Three Pull Box	Type Three Pull Box	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07004	Type Four Pull Box	Type Four Pull Box	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07005	Type Five Pull Box	Type Five Pull Box	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07010	Pull Box (Surface Mounted)	Pull Box (Surf Mtd)	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite

613-07011	Pull Box (11"x18"x12")	Pull Box (11"x18"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07016	Pull Box (16"x16"x6")	Pull Box (16"x16"x6")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07017	Pull Box (16"x14"x6")	Pull Box (16"x14"x6")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07018	Pull Box (18"x12"x8")	Pull Box (18"x12"x8")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07023	Pull Box (24"x36"x24")	Pull Box (24"x36"x24")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07024	Pull Box (24"x24"x8")	Pull Box (24"x24"x8")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite

613-07025	Pull Box (24"x24"x14")	Pull Box (24"x24"x14")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07026	Pull Box (16"x24"x12")	Pull Box (16"x24"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07027	Pull Box (28"x28"x12")	Pull Box (28"x28"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07029	Pull Box (24"x24"x12")	Pull Box (24"x24"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07030	Pull Box (24"x16"x24")	Pull Box (24"x16"x24")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07032	Pull Box (24"x24"x24")	Pull Box (24"x24"x24")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite

613-07033	Pull Box (24"x20"x12")	Pull Box (24"x20"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07034	Pull Box (24"x36"x18")	Pull Box (24"x36"x18")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07035	Pull Box (32"x24"x12")	Pull Box (32"x24"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07036	Pull Box (36"x24"x8")	Pull Box (36"x24"x8")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07037	Pull Box (37"x37"x12")	Pull Box (37"x37"x12")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07038	Pull Box (36"x48"x18")	Pull Box (36"x48"x18")	EACH	X	X	X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite

613-07039	Pull Box (30"x48"x18")	Pull Box (30"x48"x18")	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07040	Pull Box (30"x48"x24")	Pull Box (30"x48"x24")	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07044	Pull Box (42"x30"x6")	Pull Box (42"x30"x6")	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07050	Pull Box (13"x24"x18") Deep	Pull Box (13"x24"x18") Deep	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07060	Pull Box (18"x30"x18") Deep	Pull Box (18"x30"x18") Deep	EACH	X	X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum, plastic, or other construction material No BA or BABA required if composed of quartzite
613-07070	EMS Ball Marker	EMS Ball Marker	EACH	X	X	X	X	Most likely a manufactured product. BA required for iron/steel per FMM requirements. If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation. If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.

613-07075	3/4 Inch Electrical Conduit Body (Type LB)	3/4 In Elec Cond Body (Ty LB)	EACH	X	X	X	X	<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07125	1 1/4 Inch Electrical Conduit Body (Type LB)	1 1/4 In Elec Cond Body (Ty LB)	EACH	X	X	X	X	<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07175	1 1/2 Inch Electrical Conduit Body (Type LB)	1 1/2 In Elec Cond Body (Ty LB)	EACH	X	X	X	X	<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07180	Pull Box (24"x36"x36")	Pull Box (24"x36"x36")	EACH	X	X		X	<p>BA required if composed of iron or steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p> <p>No BA or BABA required if composed of quartzite</p>
613-07190	Pull Box (36"x16"x12")	Pull Box (36"x16"x12")	EACH	X	X		X	<p>BA required if composed of iron or steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p> <p>No BA or BABA required if composed of quartzite</p>

								<p>BA required if composed of iron or steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic, or other construction material</p> <p>No BA or BABA required if composed of quartzite</p>
613-07192	Pull Box (36"x12"x12")	Pull Box (36"x12"x12")	EACH	X	X		X	
								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07195	Proof Conduit	Proof Conduit	LF	X	X	X	X	
613-07199	Pull Box (Install Only)	Inst Pull Box	EACH	X				<p>Installation of pull box</p>
								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07200	2 Inch Electrical Body (Type LB)	2 In Elec Cond Body (Ty LB)	EACH	X	X	X	X	
								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07210	2 Inch Electrical Conduit Body (Type TEE)	2 In Elec Cond Body (Ty TEE)	EACH	X	X	X	X	

								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07225	1 1/4 Inch Electrical Conduit Body (Type TEE)	1 1/4 In Elec Cond Body (Type TEE)	EACH	X	X	X	X	
								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-07300	3 Inch Electrical Conduit Body (Type LB)	3 In Elec Cond Body (Ty LB)	EACH	X	X	X	X	
613-08000	Vault (Install Only)	Inst Vault	EACH	X				Installation of vault
								<p>BA required for iron/steel per FMM requirements.</p> <p>BABA required for any elements composed of plastic, aluminum other construction material</p>
613-08100	Electric Vault (6'x5'x6.5') Deep	Elec Vault (6'x5'x6.5') Deep	EACH		X		X	
								<p>BA required for iron/steel per FMM requirements.</p> <p>BABA required for any elements composed of plastic, aluminum other construction material</p>
613-08110	Electric Vault (7'x9'x7.5') Deep	Elec Vault (7'x9'x7.5') Deep	EACH		X		X	
613-08200	2 Inch Fiberglass Cable (Install Only)	2 In Fiber Cable (Install)	LF	X				Installation of fiberglass cable
								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-10000	Wiring	Wiring	LS	X	X	X	X	

								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-10010	Wiring (Special)	Wiring (Spec)	LS	X	X	X	X	
								<p>Most likely a manufactured product.</p> <p>BA required for iron/steel per FMM requirements.</p> <p>If the wire is composed of iron or steel and one construction products such as a rubber coating this item will require BABA documentation.</p> <p>If the wire has more than two construction products incorporated it is considered a manufactured product and only BA documentation is required.</p>
613-10015	Breakaway Wiring System	Breakaway Wiring System	EACH	X	X	X	X	
613-12000	Luminaire Fluorescent (Tunnel)	Luminaire FI (Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-12100	Luminaire Fluorescent (Type F1 Tunnel)	Luminaire FI (Ty F1 Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-12101	Luminaire Fluorescent (Type F1 Tunnel) (Furnish Only)	Furn Luminaire FI (Ty F1 Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-12200	Luminaire Fluorescent (Type F2 Tunnel)	Luminaire FI (Ty F2 Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-12201	Luminaire Fluorescent (Type F2 Tunnel) (Furnish Only)	Furn Luminaire FI (Ty F2 Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-12300	Luminaire Fluorescent (Type F3 Tunnel)	Luminaire FI (Ty F3 Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-12301	Luminaire Fluorescent (Type F3 Tunnel) (Furnish Only)	Furn Luminaire FI (Ty F3 Tunnel)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13000	Luminaire (LED) (Special)	Luminaire (LED) (Spec)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13001	Luminaire (Special)(LED)(12 Watt)	Lumin (Spec)(LED)(12W)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13002	Luminaire (LED) (2,000 Lumens)	Lumin (LED) (2,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13003	Luminaire (Special)(LED)(50 Watt)	Lumin (Spec)(LED)(50 W)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13004	Luminaire (LED) (4,000 Lumens)	Lumin (LED) (4,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13005	Luminaire (Special)(LED)(Step)(Light)	Lumin (Spec)(LED)(Step)(Light)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13006	Luminaire (LED) (6,000 Lumens)	Lumin (LED) (6,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13008	Luminaire (LED) (8,000 Lumens)	Lumin (LED) (8,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13010	Luminaire(LED)(10,000 Lumens)	Lumin(LED)(10,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13011	Luminaire (LED) (11,000 Lumens)	Lumin (LED) (11,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13012	Luminaire (LED) (12,000 Lumens)	Lumin (LED) (12,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13014	Luminaire (LED) (14,000 Lumens)	Lumin (LED) (14,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13016	Luminaire (LED) (16,000 Lumens)	Lumin (LED) (16,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product

613-13018	Luminaire (LED) (18,000 Lumens)	Lumin (LED) (18,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13020	Luminaire (LED) (20,000 Lumens)	Lumin (LED) (20,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13025	Luminaire (LED) (25,000 Lumens)	Lumin (LED) (25,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13030	Luminaire (LED)(30,000 Lumens)	Lumin (LED)(30,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13034	Luminaire (LED)(15000 Lumens)	Lumin (LED)(15000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13040	Luminaire (LED)(40,000 lumens)	Lumin (LED)(40,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13050	Luminaire (LED) (50,000 Lumens)	Lumin LED (50,000 Lumens)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13060	Luminaire (LED) (1300 Lumens)	Lumin (LED) (1300 Lumin)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13065	Luminaire (LED) (5400 Lumens)	Lumin (LED) (5400 Lumen)	EACH	X		X		No BABA - light bulbs are a manufactured product
613-13100	Luminaire Mounting Support System	Luminare Mounting Support System	L S	X	X	X	X	Refer to project plans and specifications. BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-15000	Floodlight	Floodlight	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-15050	Spot Light	Spot Light	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-15100	Recessed Light	Recessed Light	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-15200	Recessed Light (Special)	Recessed Light (Spec)	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material

613-16000	Luminaire (Special)	Luminaire (Spec)	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-16002	Luminaire Control Node (Stand Alone)	Lumin Cntrl Node (Stand Alone)	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-16010	Light Standard and Luminaire (Decorative)	Light Std + Lumin (Dec)	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-16015	Light Standard and Luminaire (Decorative) (Furnish Only)	Light Std + Lumin (Dec) (Furn)	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-20000	Light Standard and Luminaire (Install Only)	Inst Light Std + Lumin	EACH	X				Installation
613-20100	Light Standard (Install Only)	Inst Light Std	EACH	X				Installation
613-20200	Luminaire (Install Only)	Inst Lumin	EACH	X				Installation
613-20210	Luminaire (Special) (Install Only)	Inst Lumin (Spec)	EACH	X				Installation
613-20215	Luminaire Arm (Install Only)	Inst Lumin Arm	EACH	X				Installation
613-20300	Luminaire (Furnish Only)	Furn Lumin	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
613-20400	Lens Assemblies(Furnish Only)	Lens Assemblies(Furn)	EACH	X	X	X	X	Refer to project plans and specifications. Most likely a manufactured product BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material

								Refer to project plans and specifications. Most likely a manufactured product
								BA required for iron/steel per FMM requirements.
								BABA required for any elements composed of aluminum other construction material
613-30005	Light Standard and Luminaire (Pedestrian)	Light Std + Lumin (Pedest)	EACH	X	X	X	X	
								Refer to project plans and specifications. Most likely a manufactured product
								BA required for iron/steel per FMM requirements.
								BABA required for any elements composed of aluminum other construction material
613-30010	Light Standard and Luminaire (Pedestrian) (Furnish Only)	Light Std + Lumin (Pedest) (Furn)	EACH	X	X	X	X	
613-30120	Light Standard Aluminum (12 Foot)	Light Std Alum (12 Ft)	EACH				X	BABA required for aluminum
613-30130	Light Standard Aluminum (13 Foot)	Light Std Alum (13 Ft)	EACH				X	BABA required for aluminum
613-30140	Light Standard Aluminum (14 Foot)	Light Std Alum (14 Ft)	EACH				X	BABA required for aluminum
613-30230	Light Standard Aluminum (23 Foot)	Light Std Alum (23 Ft)	EACH				X	BABA required for aluminum
613-30250	Light Standard Aluminum (25 Foot)	Light Std Alum (25 Ft)	EACH				X	BABA required for aluminum
613-30300	Light Standard Aluminum (30 Foot)	Light Std Alum (30 Ft)	EACH				X	BABA required for aluminum
613-30302	Light Standard Aluminum (30 Foot) (2-Arm)	Light Std Alum (30 Ft) (2)	EACH				X	BABA required for aluminum
613-30350	Light Standard Aluminum (35 Foot)	Light Std Alum (35 Ft)	EACH				X	BABA required for aluminum
613-30352	Light Standard Aluminum (35 Foot) (2-Arm)	Light Std Alum (35 Ft) (2)	EACH				X	BABA required for aluminum
613-30400	Light Standard Aluminum (40 Foot)	Light Std Alum (40 Ft)	EACH				X	BABA required for aluminum
613-30402	Light Standard Aluminum (40 Foot) (2-Arm)	Light Std Alum (40 Ft) (2)	EACH				X	BABA required for aluminum
								No BABA required for concrete, cement, grout, and asphalt
								BA required for iron / steel per FMM requirements.
613-31120	Light Standard Concrete (12 Foot)	Light Std Conc (12 Ft)	EACH				X	
								No BABA required for concrete, cement, grout, and asphalt
								BA required for iron / steel per FMM requirements.
613-31300	Light Standard Concrete (30 Foot)	Light Std Conc (30 Ft)	EACH				X	
613-32116	Light Standard Steel (10 Foot)	Light Std Steel (10 Ft)	EACH				X	BA required for steel per FMM requirements
613-32118	Light Standard Steel (10 Foot) (2-Arm)	Light Std Steel (10 Ft) (2)	EACH				X	BA required for steel per FMM requirements
613-32122	Light Standard Steel (12 Foot) (2-Arm)	Light Std Steel (12 Ft) (2)	EACH				X	BA required for steel per FMM requirements
613-32180	Light Standard Steel (18 Foot)	Light Std Steel (18 Ft)	EACH				X	BA required for steel per FMM requirements
613-32200	Light Standard Steel (20 Foot) (2 Arm)	Light Std Steel (20 Ft) (2)	EACH				X	BA required for steel per FMM requirements
613-32205	Light Standard Steel (20 Foot) (2-Arm) (Furnish Only)	Light Std Steel (20 Ft) (2) (Furn)	EACH				X	BA required for steel per FMM requirements
613-32250	Light Standard Steel (25 Foot)	Light Std Steel (25 Ft)	EACH				X	BA required for steel per FMM requirements
613-32252	Light Standard Steel (25 Foot) (2-Arm)	Light Std Steel (25 Ft) (2)	EACH				X	BA required for steel per FMM requirements
613-32254	Light Standard Steel (25 Foot) (4-Arm)	Light Std Steel (25 Ft) (4)	EACH				X	BA required for steel per FMM requirements
613-32300	Light Standard Steel (30 Foot)	Light Std Steel (30 Ft)	EACH				X	BA required for steel per FMM requirements
613-32302	Light Standard Steel (30 Foot) (2-Arm)	Light Std Steel (30 Ft) (2)	EACH				X	BA required for steel per FMM requirements
613-32350	Light Standard Steel (35 Foot)	Light Std Steel (35 Ft)	EACH				X	BA required for steel per FMM requirements

613-32351	Light Standard Steel (35 Foot) (Furnish Only)	Furn Light Std Steel (35 Ft)	EACH		X			BA required for steel per FMM requirements
613-32352	Light Standard Steel (35 Foot) (2-Arm)	Light Std Steel (35 Ft) (2)	EACH		X			BA required for steel per FMM requirements
613-32390	Light Standard Steel (39 Foot)	Light Std Steel (39 Ft)	EACH		X			BA required for steel per FMM requirements
613-32400	Light Standard Steel (40 Foot)	Light Std Steel (40 Ft)	EACH		X			BA required for steel per FMM requirements
613-32405	Light Standard Steel (40 Foot)(2 Arm)	Light Std Steel (40 Ft)	EACH		X			BA required for steel per FMM requirements
613-32500	Light Standard Steel (50 Foot)	Light Std Steel (50 Ft)	EACH		X			BA required for steel per FMM requirements
613-32650	Light Standard Steel (65 Foot)	Light Std Steel (65 Ft)	EACH		X			BA required for steel per FMM requirements
613-32700	Light Standard Steel (70 Foot)	Light Std Steel (70 Ft)	EACH		X			BA required for steel per FMM requirements
613-33300	Light Standard Timber (30 Foot)	Light Std Timber (30 Ft)	EACH				X	BABA - wood product
613-33400	Light Standard Timber (40 Foot)	Light Std Timber (40 Ft)	EACH				X	BABA - wood product
								BA required if composed of iron or steel per FMM requirements
613-34120	Light Standard Metal (12 Foot)	Light Std Metal (12 Ft)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34122	Light Standard Metal (12 Foot) (2-Arm)	Light Std Metal (12 Ft) (2)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34140	Light Standard Metal (14 Foot)	Light Std Metal (14 Ft)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34150	Light Standard Metal (15 Foot)	Light Std Metal (15 Ft)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34180	Light Standard Metal (18 Foot)	Light Std Metal (18 Ft)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34200	Light Standard Metal (20 Foot)	Light Standard Metal (20 Foot)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34250	Light Standard Metal (25 Foot)	Light Std Metal (25 Ft)	EACH		X		X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-34300	Light Standard Metal (30 Foot)	Light Std Metal (30 Ft)	EACH		X		X	BABA required if composed of aluminum

								BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34302	Light Standard Metal (30 Foot) (2 Arm)	Light Std Metal (30 Ft) (2)	EACH		X		X	
613-34303	Light Standard Metal (30 Foot) (2 Arm) (Spec)	Light Std Metal (30 Ft) (2) (Spec)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34350	Light Standard Metal (35 Foot)	Light Std Metal (35 Ft)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34351	Light Standard Metal (35 Foot) (Special) (1 Arm)	Light Std Metal (35 Ft) (Spec) (1)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34352	Light Standard Metal (35 Foot) (Special) (2 Arm)	Light Std Metal (35 Ft) (Spec) (2)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34353	Light Standard Metal (35 Foot) (2 Arm)	Light Std Metal (35 Ft) (2)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34400	Light Standard Metal (40 Foot)	Light Std Metal (40 Ft)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34401	Light Standard Metal (40 Foot) (Special)	Light Std Metal (40 Ft) (Spec)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34402	Light Standard Metal (40 Foot) (2 Arm)	Light Std Metal (40 Ft) (2)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34500	Light Standard Metal (50 Foot)	Light Std Metal (50 Ft)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34502	Light Standard Metal (50 Foot) (2 Arm)	Light Std Metal (50 Foot) (2)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum

613-34600	Light Standard Metal (60 Foot)	Light Std Metal (60 Ft)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-34700	Light Standard Metal (70 Foot)	Light Std Metal (70 Ft)	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-40000	Concrete Foundation Pad	Conc Foundation Pad	EACH		X			BA required if any iron or steel is used for reinforcement per FMM requirements
613-40005	Concrete Foundation Pad (Install Only)	Inst Conc Foundation Pad	EACH	X				Installation of concrete foundation pad
613-40010	Light Standard Foundation	Light Std Foundation	EACH		X			BA required if any iron or steel is used for reinforcement per FMM requirements
613-40012	Light Standard Foundation Special	Light Std Foundation Spec	EACH		X			BA required if any iron or steel is used for reinforcement per FMM requirements
613-40015	Light Standard Anchor	Light Std Anchor	EACH				X	BABA - aluminum
613-40020	Transformer Base Aluminum	Transformer Base Alum	EACH				X	BABA - aluminum
613-40022	Transformer Base Aluminum (Furnish Only)	Transformer Base Aluminum (Furnish Only)	EACH				X	BABA - aluminum
613-40030	Transformer Base Aluminum (Install Only)	Inst Transformer Base Alum	EACH	X				Installation of transformer base
613-40300	Light Standard Aluminum (Furnish Only)	Furn Light Std Alum	EACH				X	BABA - aluminum
613-41300	Light Standard Concrete (Furnish Only)	Furn Light Std Conc	EACH	X				No BABA - concrete and asphalt are exempt
613-42300	Light Standard Steel (Furnish Only)	Furn Light Std Steel	EACH		X			BA required for reinforcing steel per FMM requirements.
613-43300	Light Standard Timber (Furnish Only)	Furn Light Std Timber	EACH				X	BABA - wood product
613-44350	Light Standard Metal (Furnish Only)	Furn Light Std Metal	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-45000	High Mast Foundation	Hi Mast Foundation	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-50010	Photoelectric Cell	Photoel Cell	EACH		X	X	X	Refer to project plans and specifications concerning the photoelectric cell and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50050	Portable Power Unit	Port Power Unit	EACH	X				Temporary power unit
613-50060	Portable Power Generator	Port Power Generator	EACH	X				Temporary power unit

								Refer to project plans and specifications concerning the lighting control center and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50100	Lighting Control Center	Lighting Ctrl Center	EACH		X	X	X	
613-50102	Lighting Control Center (Install Only)	Inst Lighting Ctrl Center	EACH	X				Installation of control center
								Refer to project plans and specifications concerning the lighting control center and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50105	Lighting Control Center (Pedestal Only)	Lighting Ctrl Center (Pedestal Only)	EACH		X	X	X	
								Refer to project plans and specifications concerning the lighting control center and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50106	Lighting Control Center (Special)	Light Cont Center (Spec)	EACH		X	X	X	
								BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-50109	Meter Power Pedestal	Meter Power Pedestal	EACH		X		X	
613-50110	Lighting Fixture (Fluorescent) (Type A Tunnel Luminaire)	Lighting Fixture (Flor) (Ty A Tun Lumin)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
								BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-50125	Control Center Box	Ctrl Center Box	EACH		X		X	

613-50127	Local Control Station	Local Control Station	EACH		X	X	X	<p>Refer to project plans and specifications concerning the lighting control center and other components.</p> <p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
613-50130	4-Plex Receptacle (With Back Box and Cover)	4-Plex Rcptl (W/Back Box & Cover)	EACH		X	X	X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
613-50132	2-Plex Receptacle (With Box and Cover)	2-Plex Recept. (W/Box & Cover)	EACH		X	X	X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
613-50150	Secondary Service Pedestal	Secondary Serv Pedestal	EACH		X	X	X	<p>Refer to project plans and specifications concerning the lighting control center and other components.</p> <p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
613-50155	Secondary Service Pedestal (Install Only)	Inst Secondary Serv Pedestal	EACH	X				Installation of service pedestal
613-50200	Lighting System	Lighting System	EACH		X	X	X	<p>Refer to project plans and specifications concerning the lighting system and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p> <p>No BABA required if a manufactured product, BA still applies</p>
613-50210	Temporary Lighting	Temporary Lighting	L S	X				Temporary lighting

								BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50225	Interior Lighting (Concrete Box Girder)	Interior Lighting (Conc Box)	EACH		X	X	X	
613-50250	Interior Lighting (Steel Box Girder)	Interior Lighting (Steel Box)	EACH		X	X	X	BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50300	Tunnel Lighting System	Tunnel Lighting System	L S		X	X	X	Refer to project plans and specifications concerning the lighting system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50325	Tunnel Lighting Control System	Tunnel Lighting Control System	L S		X	X	X	Refer to project plans and specifications concerning the lighting system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50350	Power Transformer	Power Transformer	L S			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-50351	Power Transformer (10KVA,480V-120/240V 1Ph)	PowerTransformer(10KVA, 480-120/240V1Ph)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-50357	Power Transformer (150KVA,480-2400V,3 Phase)	Power Transformer (150KVA, 480-2400V,3Ph)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-50359	Power Transformer (150KVA,2400-480V,3 Phase)	Power Transformer (150KVA, 2400-480V,3Ph)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-50362	Power Transformer (300KVA,480-2400V,3 Phase)	Power Transformer (300KVA, 480-2400V,3Ph)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements

								BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-50365	Transformer Base	Transformer Base	EACH		X		X	
								Refer to project plans and specifications concerning the solar collection system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
613-50375	Solar Collection System	Solar Collection System	EACH		X	X	X	
613-50400	Light Standard Timber (Temporary)	Light Std Timber (Temp)	EACH	X				Temporary lighting
613-50410	Light Standard (Temporary)	Light Std (Temp)	EACH	X				Temporary lighting
								Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
613-60500	Underground Repair	Underground Rep	EACH		X	X	X	
								Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
613-60600	Lighting Repair	Lighting Repair	HOUR		X	X	X	
613-60700	Troubleshooting	Troubleshooting	HOUR	X				Labor, personnel/equipment time
613-60800	Locate Utilities	Locate Utilities	HOUR	X				Labor, personnel/equipment time
								No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-70255	Fuses	Fus	EACH				X	
								BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-70260	Fuse Holder	Fus Holder	EACH		X		X	
								No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-70400	Luminaire High Pressure Sodium (400 Watt)	Lumin HPS (400 W)	EACH				X	
613-70401	Luminaire High Pressure Sodium (400 Watt) (Install Only)	Inst Lumin HPS (400 W)	EACH	X				Installation of luminaire
613-70403	Luminaire High Pressure Sodium (400 Watt) (Special)	Lumin HPS (400 W) (Spec)	EACH				X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
								No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-71000	Luminaire High Pressure Sodium (1000 Watt)	Lumin HPS (1000 W)	EACH				X	
								No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-72000	Electrical Conduit Body (Type LB)	Elec Cond Body (Ty LB)	EACH				X	
								BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum
613-74000	Light Mast Arm	Light Mast Arm	EACH		X		X	
								No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-75175	Luminaire Metal Halide (175 Watt)	Lumin Metal Halide (175 W)	EACH				X	

613-80002	Circuit Breaker (20A, 1 Pole)	Circuit Breaker (20A, 1 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80004	Circuit Breaker (40A, 2 Pole)	Circuit Breaker (40A, 2 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80005	Circuit Breaker (50A, 3 Pole)	Circuit Breaker (50A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80007	Circuit Breaker (70A, 2 Pole)	Circuit Breaker (70A, 2 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80008	Circuit Breaker (80A, 2 Pole)	Circuit Breaker (80A, 2 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80010	Ballast Unit	Ballast Un	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80012	Circuit Breaker (100A, 2 Pole)	Circuit Breaker (100A, 2 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80013	Circuit Breaker (100A, 3 Pole)	Circuit Breaker (100A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80015	Circuit Breaker (150A, 3 Pole)	Circuit Breaker (150A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80022	Circuit Breaker (225A, 3 Pole)	Circuit Breaker (225A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80040	Circuit Breaker (400A, 3 Pole)	Circuit Breaker (400A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80045	Circuit Breaker (450A, 3 Pole)	Circ Breaker (450A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80100	Circuit Breaker (100A, 3 Pole)	Circ Breaker (100A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80105	Circuit Breaker (30A, 2 Pole)	Circ Breaker (30A, 2 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80120	Circuit Breaker (Retrofit 1200A, 3 Pole)	Circuit Breaker (Retrofit 1200A, 3 Pole)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80124	Load Center (120/240 Volt, 1-Phase, 60 Ampere, 16 Circuit)	Load Center (120/240V,1-Ph, 60A,16 Circ)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
								BA required if composed of iron or steel per FMM requirements
613-80130	Service Meter Cabinet	Service Meter Cabinet	EACH			X	X	BABA required if composed of aluminum
								BA required if composed of iron or steel per FMM requirements
613-80132	Relay Cabinet	Relay Cabinet	EACH			X	X	BABA required if composed of aluminum
613-80200	2.4KV Motor Control Center Cubicle	2.4KV Motor Control Center Cubicle	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80201	2.4KV Motor Control Center Cubicle (Furnish Only)	Furn 2.4KV Motor Control Center Cubicle	L S			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80202	2.4KV Motor Control Center Cubicle (Install Only)	Inst 2.4KV Motor Control Center Cubicle	L S	X				Installation of cubicle
613-80204	480 Volt Motor Control Center	480V Motor Control Center	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements

613-80250	Automatic Transfer Switch	Automatic Transfer Switch	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80268	Step Voltage Regulator	Step Voltage Reg	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80270	Medium Voltage Load Interrupter Switch	Medium Voltage Load Interrupter Switch	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80272	Regulator Bypass Switch	Reg Bypass Switch	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80274	Structure Mounted Disconnect Switch	Struct Mount Disc Switch	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80276	Inverter System	Inverter System	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80278	Systems Integration	Systems Integration	L S			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80290	Storage Battery System	Storage Battery System	L S			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80300	320 Kilo Ampere Surge Protection Device	320 kA Surge Protection Device	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80302	Switchboard	Switchboard	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80303	480 Volt Trip Unit Retrofit Kit	480V Trip Unit Retrofit Kit	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80304	Active Harmonic Filter (500 A)	Active Harmonic Filter (500 AMP)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80306	Variable Frequency Drive and Enclosure (100 Horsepower)	VFD and Enclosure (100 HP)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80308	Variable Frequency Drive and Enclosure (600 Horsepower)	VFD and Enclosure (600 HP)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-80400	Exhaust Fan	Exhaust Fan	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81010	Panelboard (100A, 120/208V, 3 Phase, 42 Circuit)	Panelboard (100A, 120/208V, 3Ph, 42 Circuit)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81022	Panelboard (225A, 277/480V, 3 Phase)	Panelboard (225A, 277/480V, 3 Ph)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81100	Panelboard (1000A, 277/480V, 3 Phase)	Panelboard (1000A, 277/480V, 3 Ph)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81200	Panelboard (400A, 277/480V, 3 Phase, 4 Wire)	Panelboard (400A, 277/480V, 3 Ph, 4 Wire)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81210	DC Panelboards	DC Panelboards	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81500	Panelboard (5KVA Mini Load Center)	Panelboard (5KVA Mini Load Center)	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81598	2400V Switchgear	2400V Switchgear	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81600	24.9kV Switchgear	24.9kV Switchgear	EACH			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81602	Temporary Switchgear	Temp Switchgear	EACH	X			Temporary switchgear
613-81608	1350 Ampere Bus Duct	1350 A Bus Duct	LF			X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements

613-81609	Bus Duct (1600 Ampere)	Bus Duct (1600 A)	LF			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81610	3000 Ampere Bus Duct	3000 A Bus Duct	LF			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81611	3000 Ampere Bus Duct (Temporary)	3000 A Bus Duct (Temp)	LF	X				Temporary ampere bus duct
613-81690	Safety Switch	Safety Switch	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81699	Safety Switch NEMA 3R, 30 Ampere, 2-pole, 240 Volt	Safe Switch NEMA 3R, 30A, 2-pole, 240 V	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81700	Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	Safe Switch NEMA 3R 60A 2 Pole 240V	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81710	Safety Switch NEMA 3R, 100 Ampere, 2-pole, 240 Volt	Safety Switch NEMA 3R, 100A, 2-pole, 240V	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81800	Branch Circuit Panel (Special)	Branch Circuit Panel (Special)	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
613-81900	Mobile Light Tower	Mobile Light Tower	EACH	X				No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
614-00011	Sign Panel (Class I)	Sign Panel (CL I)	SF		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
614-00012	Sign Panel (Class II)	Sign Panel (CL II)	SF		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
614-00013	Sign Panel (Class III)	Sign Panel (CL III)	SF		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
614-00014	Lighted Street Name Sign (Inst Only)	Lighted Street Name Sign (Inst Only)	EACH	X				Installation of lighted name sign
614-00021	Sign Panel (Class I) (Furnish Only)	Furn Sign Panel (CL I)	SF		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
614-00025	Sign Panel (Class I) (Install Only)	Inst Sign Panel (CL I)	SF	X				Installation of sign panel
614-00026	Sign Panel (Class I) (Install Only)	Inst Sign Panel (CL I)	EACH	X				Installation of sign panel
614-00027	Sign Panel (Class II) (Install Only)	Inst Sign Panel (CL II)	SF	X				Installation of sign panel
614-00028	Sign Panel (Class III) (Install Only)	Inst Sign Panel (CL III)	SF	X				Installation of sign panel
614-00029	Sign Panel (Class II) (Install Only)	Inst Sign Panel (CL II)	EACH	X				Installation of sign panel
614-00030	Sign Panel (Class III) (Install Only)	Inst Sign Panel (CL III)	EACH	X				Installation of sign panel

								BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
614-00035	Sign Panel (Special)	Sign Panel (Spec)	SF		X		X	
								BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
614-00037	Sign Panel (Special)	Sign Panel (Spec)	EACH		X		X	
								BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum
614-00040	Signpost (Special)	Signpost (Spec)	LF		X		X	
								BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum
614-00041	Signpost (Special)	Signpost (Spec)	EACH		X		X	
614-00042	Signpost (Install Only)	Inst Signpost	LF	X				Installation of signpost
614-00044	Timber Signpost 4x4 Inch	Timber Signpost (4x4 In)	LF				X	BABA - wood product
614-00066	Timber Signpost 6x6 Inch	Timber Signpost (6x6 In)	LF				X	BABA - wood product
614-00200	Steel Signpost (U-2)	Steel Signpost (U-2)	LF		X			BA required of iron/steel per FMM requirements.
614-00214	Steel Signpost (1.75x1.75 Inch Tubing)	Steel Signpost (1.75x1.75 In T)	LF		X			BA required of iron/steel per FMM requirements.
614-00216	Steel Signpost (2x2 Inch Tubing)	Steel Signpost (2x2 In T)	LF		X			BA required of iron/steel per FMM requirements.
614-00218	Steel Signpost (2.25x2.25 Inch Tubing)	Steel Signpost (2.25x2.25 In T)	LF		X			BA required of iron/steel per FMM requirements.
614-00220	Steel Signpost (2.5x2.5 Inch Tubing)	Steel Signpost (2.5x2.5 In T)	LF		X			BA required of iron/steel per FMM requirements.
614-00222	Steel Signpost (2.75x 2.75 Inch Tubing)	Steel Signpost (2.75x2.75 In T)	LF		X			BA required of iron/steel per FMM requirements.
614-00224	Steel Signpost (3x3 Inch Tubing)	Steel Signpost (3x3 In T)	LF		X			BA required of iron/steel per FMM requirements.
614-00357	Steel Signpost (S 3x5.7)	Steel Signpost (S 3x5.7)	LF		X			BA required of iron/steel per FMM requirements.
614-00375	Steel Signpost (S 3x7.5)	Steel Signpost (S 3x7.5)	LF		X			BA required of iron/steel per FMM requirements.
614-00477	Steel Signpost (S 4x7.7)	Steel Signpost (S 4x7.7)	LF		X			BA required of iron/steel per FMM requirements.
614-00510	Steel Signpost (S 5x10)	Steel Signpost (S 5x10)	LF		X			BA required of iron/steel per FMM requirements.
614-00612	Steel Signpost (W 6x12)	Steel Signpost (W 6x12)	LF		X			BA required of iron/steel per FMM requirements.
614-00615	Steel Signpost (W 6x15)	Steel Signpost (W 6x15)	LF		X			BA required of iron/steel per FMM requirements.
614-00818	Steel Signpost (W 8x18)	Steel Signpost (W 8x18)	LF		X			BA required of iron/steel per FMM requirements.
614-00821	Steel Signpost (W 8x21)	Steel Signpost (W 8x21)	LF		X			BA required of iron/steel per FMM requirements.
614-01022	Steel Signpost (W 10x22)	Steel Signpost (W 10x22)	LF		X			BA required of iron/steel per FMM requirements.
614-01026	Steel Signpost (W 10x26)	Steel Signpost (W 10x26)	LF		X			BA required of iron/steel per FMM requirements.
614-01226	Steel Signpost (W 12x26)	Steel Signpost (W 12x26)	LF		X			BA required of iron/steel per FMM requirements.
614-01401	Steel Sign Support Casting	Steel Sign Support Casting	EACH		X			BA required for iron/steel per FMM requirements.
		Steel Sign Surf Mnt Base Plate (Slpbase)						
614-01402	Steel Sign Surface Mount Base Plate (Slpbase)	Plate (Slpbase)	EACH		X			BA required for iron/steel per FMM requirements.

614-01502	Steel Sign Support (2-Inch Round)(Post & Socket)	Steel Sign Supp (2-In Rd) (Po&Sock)	LF		X		BA required for iron/steel per FMM requirements.
614-01503	Steel Sign Support (2-Inch Round)(Post and Socket)	Steel Sign Supp (2-In Rd) (Po&Sock)	EACH		X		BA required for iron/steel per FMM requirements.
614-01512	Steel Sign Support (2-Inch Round)(Post)	Steel Sign Support (2-In Rd) (Post)	LF		X		BA required for iron/steel per FMM requirements.
614-01513	Steel Sign Support (2-Inch Round)(Post)(Install Only)	Steel Sign Supp (2-In Rd) (Post)(Install)	LF	X			Installation of sign support
614-01514	Steel Sign Support (2-Inch Round)(Post)(Painted)	Steel Sign Supp (2-In Rd) (Post)(Painted)	LF		X		BA required for iron/steel per FMM requirements.
614-01522	Steel Sign Support (2-Inch Round)(Socket)	Steel Sign Supp (2-In Rd) (Sock)	EACH		X		BA required for iron/steel per FMM requirements.
614-01523	Steel Sign Support (2-Inch Round)(Socket)(Install Only)	Steel Sign Supp (2-In Rd) (Sock)(Install)	EACH	X			Installation of sign support
614-01554	Steel Signpost (4 Inch Round) (Slipbase)	Steel Signpost (4 In Rd) (Slip)	LF		X		BA required for iron/steel per FMM requirements.
614-01556	Steel Sign Support (4 Inch Round Schedule 80) (16 Feet - 1.75 Inch)	Steel Sign Supp(4In RndSch80)(16'-1.75")	EACH		X		BA required for iron/steel per FMM requirements.
614-01558	Steel Sign Support (4 Inch Round Schedule 80) (18 Feet - 4.75 Inch)	Steel Sign Supp(4In RndSch80)(18'-4.75")	EACH		X		BA required for iron/steel per FMM requirements.
614-01572	Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	Steel Sign Supp (2-1/2 Rd NP40)(Po&Slip)	LF		X		BA required for iron/steel per FMM requirements.
614-01573	Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	Steel Sign Supp (2-1/2 Rd NP40)(Po&Slip)	EACH		X		BA required for iron/steel per FMM requirements.
614-01575	Steel Sign Support (2-1/2 Inch Round NP-40)(Post)	Steel Sign Supp (2-1/2 In Rd NP40)(Po)	LF		X		BA required for iron/steel per FMM requirements.
614-01578	Steel Sign Support (2-1/2 Inch Round NP-40) (Slipbase)	Steel Sign Supp (2-1/2 In Rd NP40)(Slip)	EACH		X		BA required for iron/steel per FMM requirements.
614-01582	Steel Sign Support (2-1/2 Inch Round)(Post and Slipbase)	Steel Sign Supp (2-1/2 In Rd) (Po&Slip)	LF		X		BA required for iron/steel per FMM requirements.
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	Stl Sign Supp (2-1/2 In Rd 80) (Po&Slip)	EACH		X		BA required for iron/steel per FMM requirements.
614-01585	Steel Sign Support (2-1/2 Inch Round Sch 80) (Post)	Steel Sign Supp (2-1/2 In Rd 80)(Post)	LF		X		BA required for iron/steel per FMM requirements.
614-01586	Steel Sign Support (2-1/2 In Rd Sch 80)(Post) (Install Only)	Steel Sign Supp(2-1/2 In Rd 80)(Po)(Ins)	LF	X			Installation of sign support
614-01587	Steel Sign Support (2-1/2 Inch Round)(Schedule 80)(Post)(Painted)	SteelSgnSupp(2-1/2InRd)(80) (Post)(Paint)	LF		X		BA required for iron/steel per FMM requirements.
614-01588	Steel Sign Support (2-1/2 Inch Round Sch 80) (Slipbase)	Steel Sign Supp (2-1/2 In Rd 80)(Slip)	EACH		X		BA required for iron/steel per FMM requirements.
614-01589	Steel Sign Support (2-1/2 In Rd Sch 80) (Slip) (Install Only)	Steel Sign Supp (2.5 In Rd Sch 80)(Ins)	EACH	X			Installation of sign support
614-01736	Steel Sign Ground Stub Base (36 Inch)	Steel Sign Ground Stub Base (36 In)	EACH		X		BA required for iron/steel per FMM requirements.
							BA required for reinforcing steel per FMM requirements.
614-03001	Concrete Footing (Type 1)	Conc Footing (Ty 1)	EACH		X		Grout, cement, concrete, and asphalt if alone have no BABA requirements

								BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03002	Concrete Footing (Type 2)	Conc Footing (Ty 2)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03003	Concrete Footing (Type 3)	Conc Footing (Ty 3)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03004	Concrete Footing (Type 4)	Conc Footing (Ty 4)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03005	Concrete Footing (Type 5)	Conc Footing (Ty 5)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03006	Concrete Footing (Type 6)	Conc Footing (Ty 6)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03007	Concrete Footing (Type 7)	Conc Footing (Ty 7)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-03100	Concrete Footing (Traffic Signal Pole)	Conc Footing (Sig Pole)	EACH		X			BA required for reinforcing steel per FMM requirements. Grout, cement, concrete, and asphalt if alone have no BABA requirements
614-07000	Mask Sign Legend	Mask Sign Legend	EACH					
614-07100	Modification of Sign Legend	Mod Sign Legend	LS		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
614-07105	Modification of Sign Legend	Mod Sign Legend	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.

614-07125	Modification of Steel Signpost	Mod Steel Signpost	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
614-10015	Overpass Mounted Sign Bracket	Overpass Mtd Sign Bracket	EACH		X		X	BA required if composed of iron or steel per FMM requirements BABA required if composed of aluminum or other construction product
614-10030	Paint Overhead Sign Structure	Paint Overhead Sign Str	EACH	X				No BABA - paint is exempt from BABA documentation
614-10035	Paint Ground Sign	Paint Ground Sign	EACH	X				No BABA - paint is exempt from BABA documentation
614-10050	Modification of Overhead Sign Structure	Mod Overhead Sign Str	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
614-10080	Modification of Overpass Mounted Sign Bracket	Mod Overpass Sign Bracket	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
614-10100	Sign Bridge Structure (Install Only)	Inst Sign Brdg Str	EACH	X				Installation of bridge structure
614-10110	LED Warning Sign System (_Signs)	LED Warning Sign System (_Signs)	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10113	Dynamic Message Sign (Color LED)(Overhead)(Furnish Only)	Dyn Mesg Sign (Color LED)(O/H)(Furnish)	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10114	Dynamic Message Sign (Color LED)(Overhead)(Install Only)	Dyn Mesg Sign (Color LED)(O/H)(Install)	EACH	X				Installation of message sign
614-10115	Dynamic Message Sign (Color LED)(Overhead)	Dyn Mesg Sign (Color LED)(O/H)	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10116	Dynamic Message Sign Controller	Dyn Msg Sign Ctrl	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10117	Dynamic Message Sign Equipment Cabinet (Type 1)	Dyn Msg Sign Equip Cab (Ty 1)	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10118	Dynamic Message Sign Equipment Cabinet (Type 2)	Dyn Msg Sign Equip Cab (Ty 2)	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10119	Scroll Sign	Scroll Sign	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10120	Variable Message Sign	Var Mesg Sign	EACH				X	Most likely a manufactured product. BA required for iron/steel per FMM requirements.

								<p>Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the travel time module and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
614-10121	Travel Time Module	Travel Time Module	EACH		X	X	X	
614-10122	Portable Message Sign Panel (Special)	Port Mesg Sign Panel (Spec)	EACH	X				No material permanently installed
614-10123	Variable Message Sign (Install Only)	Inst Var Mesg Sign	EACH	X				Installation of message sign
614-10124	Variable Message Sign (Furnish Only)	Furn Var Mesg Sign	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10125	Variable Message Sign (Ground Mounted)	Var Mesg Sign (Grnd Mtd)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10126	Variable Message Sign (Fiber Optic)	Var Mesg Sign (Fib Opt)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10127	Variable Speed Limit Sign	Var Speed Limit Sign	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
								<p>Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the blank out sign and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
614-10128	Blank Out Sign (Fiber Optic)	Blank Out Sign (Fib Opt)	EACH		X	X	X	
								<p>Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the blank out sign and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
614-10129	Blank Out Sign (Fiber Optic) (Variable Speed Limit)	Blank Out Sign (Fib Opt) (VSL)	EACH		X	X	X	
614-10130	Illuminated Sign	Illuminated Sign	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.

614-10132	Variable Speed Limit Sign (Install Only)	Var Speed Limit Sign (Install Only)	EACH	X				Installation of limit sign
614-10134	Variable Message Sign (LED)(Overhead)(Install Only)	Var Mesg Sign (LED)(O/H)(Install)	EACH	X				Installation of message sign
614-10135	LED Variable Message Sign System	LED VMS System	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10136	Radar Speed Feedback Sign (RSFS)	RSFS	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10137	Film Module Variable Speed Limit Sign	Film Mod VSL Sign	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10138	Full Matrix Variable Message Sign LED (Ground Mounted)	FM VMS LED (Grnd Mtd)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10139	Radar Speed Display Sign (LED)	Radar Speed Disp Sgn (LED)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10140	Variable Message Sign LED (Double Faced)	VMS LED (Double Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10141	Variable Message Sign LED (Double Faced)(Furnish Only)	VMS LED (Double Faced)(Furn)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10142	Public Information Display	Public Info Display	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10144	Lane Use Control Signal (LED) (Single-Faced) (Install Only)	Lane Use Cntrl Sgn(LED) (Single)(Install)	EACH	X				Installation of control signal
614-10145	Variable Message Sign LED (Single Faced)	VMS LED (Single Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10146	Variable Message Sign (LED) (Ground Mounted)	VMS (LED) (Ground Mounted)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10147	Variable Message Sign LED (Overhead)	VMS LED (Overhead)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10148	Variable Message Sign LED (Speed Radar)	VMS LED (Speed Radar)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10149	Variable Message Sign (LED) (Warranty)	VMS (LED) (Warranty)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10150	12 Inch LED (Ball)	12 In LED (Ball)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10151	12 Inch LED (Ball) (Green)	12 In LED (Ball) (Green)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10152	12 Inch LED (Ball) (Red)	12 In LED (Ball) (Red)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10153	12 Inch LED (Ball) (Yellow)	12 In LED (Ball) (Yellow)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10154	12 Inch Heated LED (Ball)(Red)	12 In Heated LED (Ball)(Red)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10155	12 Inch LED (Arrow)	12 In LED (Arr)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10156	12 Inch LED (Arrow) (Green)	12 In LED (Arr) (Green)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10157	12 Inch LED (Arrow) (Red)	12 In LED (Arr) (Red)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10158	12 Inch LED (Arrow) (Yellow)	12 In LED (Arr) (Yellow)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.

614-10160	Signal Head Backplates	Sig Head B-Plates	EACH			X		BA required for iron/steel per FMM requirements.
614-10161	Signal Head B-Plates (Install Only)	Signal Head B-Plates (Install Only)	EACH	X				Installation of B-plates
614-10162	8 Inch LED (Ball)	8 In LED (Ball)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10163	8 Inch LED (Ball) (Green)	8 In LED (Ball) (Green)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10164	8 Inch LED (Ball) (Red)	8 In LED (Ball) (Red)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10165	8 Inch LED (Ball) (Yellow)	8 In LED (Ball) (Yellow)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10166	8 Inch LED (Arrow)	8 In LED (Arr)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10167	8 Inch LED (Arrow) (Green)	8 In LED (Arr) (Green)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10168	8 Inch LED (Arrow) (Red)	8 In LED (Arr) (Red)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10169	8 Inch LED (Arrow) (Yellow)	8 In LED (Arr) (Yellow)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10170	Traffic Signal Head Visors	Traffic Signal Head Visors	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10240	Lane Use Control Signal LED (Double Faced)	LUS LED (Double Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10242	Lane Use Control Signal LED (Double Faced) (Furnish Only)	LUS LED (Double Faced) (Furn)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10245	Lane Use Control Signal LED (Single Faced)	LUS LED (Single Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10246	Lane Use Control Signal LED (Single Faced) (Install Only)	Inst LUS LED (Single Faced)	EACH	X				Installation control signal
614-10250	LED In-Pavement Marking Unit	LED In-Pvmt Mkg Unit	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10260	LED Master Controller	LED Master Controller	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10280	Adaptive Traffic Signal System	Adapt Traff Sig System	L S			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10300	VMS/LUS Management Software	VMS/LUS Management Software	L S	X				No BABA - software / testing
614-10310	Traffic Management Software	TMS Software	L S	X				No BABA - software / testing
614-10320	System Integration and Testing	System Integration and Testing	L S	X				No BABA - software / testing
614-10350	VMS Mounting Support and Wiring (Double Faced)	VMS Montig Sprt & Wiring (D Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10351	VMS Mounting Support and Wiring (Double Faced)(Furnish Only)	VMS Montig Sprt & Wiring (D Faced)(Furn)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10355	LUS Mounting Support and Wiring (Single Faced)	LUS Montig Sprt & Wiring (Single Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10360	LUS Mounting Support and Wiring (Double Faced)	LUS Montig Sprt & Wiring (D Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-10370	VMS & LUS Mounting Support and Wiring (Single Faced)	VMS & LUS Montig Sprt & Wiring (S Faced)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.

614-10400	Sign Bridge (Special)	Sign Brdg (Spec)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-20862	VMS Support (Ground Mounted) (8.625 Inch Diameter)	VMS Support (Grnd Mtd) (8.625 In)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-21275	VMS Support (Ground Mounted) (12.75 Inch Diameter)	VMS Support (Grnd Mtd) (12.75 In)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-21400	VMS Support (Ground Mounted) (14 Inch Diameter)	VMS Support (Grnd Mtd) (14 In)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-21600	VMS Support (Ground Mounted) (16 Inch Diameter)	VMS Support (Grnd Mtd) (16 In)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-30010	Steel Space Truss System	Steel Spacetruss System	L S		X			BA required for iron / steel per FMM requirements.
614-30110	Butterfly Structure	Btrfly Str	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-30200	VMS Butterfly Support (Median)	VMS Butterfly Support (Median)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
614-30205	VMS Butterfly Support (Roadside)	VMS Butterfly Support (Roadside)	EACH			X		Most likely a manufactured product. BA required for iron/steel per FMM requirements.
								BA required for iron/steel per FMM requirements.
614-31275	Monotube Overhead Sign Cantilever (12.75 Inch Diameter)	Monotube Overhead Sign Cant(12.75In Dia)	EACH		X		X	BABA required for any elements composed of aluminum other construction material
								BA required for iron/steel per FMM requirements.
614-31400	Monotube Overhead Sign Cantilever (14 Inch Diameter)	Monotube Overhead Sign Cant (14 In Dia)	EACH		X		X	BABA required for any elements composed of aluminum other construction material
								BA required for iron/steel per FMM requirements.
614-31600	Monotube Overhead Sign Cantilever (16 Inch Diameter)	Monotube Overhead Sign Cant (16 In Dia)	EACH		X		X	BABA required for any elements composed of aluminum other construction material
								BA required for iron/steel per FMM requirements.
614-31800	Monotube Overhead Sign Cantilever (18 Inch Diameter)	Monotube Overhead Sign Cant (18 In Dia)	EACH		X		X	BABA required for any elements composed of aluminum other construction material
								BA required for iron/steel per FMM requirements.
614-32000	Monotube Overhead Sign Cantilever (20 Inch Diameter)	Monotube Overhead Sign Cant (20 In Dia)	EACH		X		X	BABA required for any elements composed of aluminum other construction material
								BA required for iron/steel per FMM requirements.
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	Monotube Overhead Sign Cant (24 In Dia)	EACH		X		X	BABA required for any elements composed of aluminum other construction material
								BA required for iron/steel per FMM requirements.
614-32900	Monotube Overhead Sign Cantilever (Install Only)	Inst Monotube Overhead Sign Cant	EACH	X				Installation

614-33000	Monotube Overhead Sign Cantilever (30 Inch Diameter)	Monotube Overhead Sign Cant (30 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-33600	Monotube Overhead Sign Cantilever (36 Inch Diameter)	Monotube Overhead Sign Cantilever(36 In)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-40240	Monotube Overhead Sign Bridge with Cantilever (24 Inch Diameter)	Mono Over Sign Brdg w/ Cant (24 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-40360	Monotube Overhead Sign Bridge with Cantilever (36 Inch Diameter)	Mono Over Sign Brdg w/ Cant (36 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-41275	Monotube Overhead Sign Bridge (12.75 Inch Diameter)	Monotube Overhead Sign Brdg(12.75In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-41400	Monotube Overhead Sign Bridge (14 Inch Diameter)	Monotube Overhead Sign Brdg (14 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-41600	Monotube Overhead Sign Bridge (16 Inch Diameter)	Monotube Overhead Sign Brdg (16 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-41800	Monotube Overhead Sign Bridge (18 Inch Diameter)	Monotube Overhead Sign Brdg (18 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-42000	Monotube Overhead Sign Bridge (20 Inch Diameter)	Monotube Overhead Sign Brdg (20 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-42400	Monotube Overhead Sign Bridge (24 Inch Diameter)	Monotube Overhead Sign Brdg (24 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-42500	Monotube Overhead Sign Bridge (Install Only)	Monotube Overhead Sign Brdg (Inst Only)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material

614-43000	Monotube Overhead Sign Bridge (30 Inch Diameter)	Monotube Overhead Sign Brdg (30 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-43600	Monotube Overhead Sign Bridge (36 Inch Diameter)	Monotube Overhead Sign Brdg (36 In Dia)	EACH		X		X	BA required for iron/steel per FMM requirements. BABA required for any elements composed of aluminum other construction material
614-50000	Truck Tip-Over Warning System	Truck Tip-Over Warning System	EACH		X	X	X	Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the warning system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
614-50010	Downhill Truck Speed Advisory System	DTSAS	EACH		X	X	X	Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the speed advisory system and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
614-70000	Programmable Traffic Signal Face	Prog Traf Sig Face	EACH				X	No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
614-70010	Modification of Signal Face	Mod Sig Face	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.

								Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the retrofit kit and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
614-70020	Optical Unit Retrofit Kit	Opt Unit Retrofit Kit	EACH		X	X	X	
614-70021	Optical Unit Retrofit Kit(Install Only)	Optical Unit Retrofit Kit (Install Only)	EACH	X				Installation
								Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the retrofit kit and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
614-70022	Optical Unit Retrofit Kit (Special)	Opt Unit Retrofit Kit (Spec)	EACH		X	X	X	
								BA required for iron / steel per FMM requirements. Refer to project plans and specifications concerning the travel time module and other components.
614-70024	1310nm SFP Optic Module	1310nm SFP Optic Module	EACH	X	X	X	X	
614-70026	CWDM Multiplexor Demultiplexor Module	CWDM Multiplexor Demultiplexor Module	EACH			X		
614-70028	CWDM SFP Optic Module	CWDM SFP Optic Module	EACH			X		
614-70030	Optical Attenuator	Optical Attenuator	EACH			X		
614-70032	Optical Filter	Optical Filter	EACH			X		
614-70112	Traffic Signal Face (12)	Traf Sig Face (12)	EACH			X		
614-70113	Pedestrian Signal Face (12)	Ped Sig Face (12)	EACH			X		
614-70116	Pedestrian Signal Face (16-16)	Ped Sig Face (16-16)	EACH			X		
614-70117	Pedestrian Signal Face (16)	Ped Sig Face (16)	EACH			X		
614-70118	Pedestrian Signal Face (18)	Ped Sig Face (18)	EACH			X		
614-70126	Pedestrian Signal Face (16-16)(LED Replacement)	Ped Sig Face (16-16)(LED Repl)	EACH		X	X	X	
614-70150	Pedestrian Signal Face (16) (Countdown)	Ped Sig Face (16) (Countdown)	EACH			X		
614-70200	Accessible Pedestrian Signal	Access Ped Sig	EACH			X		
614-70216	Traffic Signal Face (8-8)	Traf Sig Face (8-8)	EACH			X		
614-70224	Pedestrian Signal Face (12-12)	Ped Sig Face (12-12)	EACH			X		
614-70225	Traffic Signal Face (12-12)	Traf Sig Face (12-12)	EACH			X		

614-70250	Pedestrian Signal Face (16)(Countdown)(LED Replacement)	Ped Sig Face (16)(Countdown)(LED Repl)	EACH		X	X	X
614-70324	Traffic Signal Face (8-8-8)	Traf Sig Face (8-8-8)	EACH			X	
614-70328	Traffic Signal Face (12-8-8)	Traf Sig Face (12-8-8)	EACH			X	
614-70336	Traffic Signal Face (12-12-12)	Traf Sig Face (12-12-12)	EACH			X	
614-70337	Traffic Signal Face (12-12-12) (Install Only)	Traf Sig Face (12-12-12) (Inst Only)	EACH	X			
614-70432	Traffic Signal Face (8-8-8-8)	Traf Sig Face (8-8-8-8)	EACH			X	
614-70448	Traffic Signal Face (12-12-12-12)	Traf Sig Face (12-12-12-12)	EACH			X	
614-70450	Traffic Signal Face (12-12-12-12)(Install Only)	Traf Sig Face (12-12-12-12) (Instal Only)	EACH	X			
614-70548	Traffic Signal Face (8-8-8-12-12)	Traf Sig Face (8-8-8-12-12)	EACH			X	
614-70560	Traffic Signal Face (12-12-12-12-12)	Traf Sig Face (12-12-12-12-12)	EACH			X	
614-70565	Traffic Signal Face (12-12-12-12-12-12)	Traf Sig Face (12-12-12-12-12-12)	EACH			X	
614-72430	Traffic Signal (24 Inch x 30 Inch Blankout LED Sign)	Traf Sig (24x30 LED Sign)	EACH			X	
614-72480	Traffic Signal (36 Inch X 40 Inch Blankout LED Sign)	Traf Sig (36x40 LED Sign)	EACH			X	
614-72606	Traffic Signal (60 Inch X 60 Inch Blankout LED Sign)	Traf Sig (60x60 LED Sign)	EACH			X	
614-72740	Blank Out Sign(LED)(Single Faced)	Blank Out Sign(LED)(Sing Fac)	EACH			X	
614-72741	Blank Out Sign (LED)(SPEED RADAR)	Blank Out Sign (LED)(SPD RDR)	EACH			X	
614-72745	Blank Out Sign Mounting Support & Wiring	Blank Out Sign Mntig Support & Wiring	EACH			X	
614-72748	Traffic Signal (48 Inch X 48 Inch Blank Out Sign)	Traf Sig (48x48 Blank Out Sign)	EACH			X	
614-72760	Traffic Signal (60 Inch X 60 Inch Blank Out Sign)	Traf Sig (60x60 Blank Out Sign)	EACH			X	
614-72765	Traffic Signal (24 Inch x 24 Inch Blank Out LED Sign)	Traf Sig (24x24 Blank Out LED Sign)	EACH			X	
614-72804	Overheight Vehicle Warning Siren	Overheight Veh Warn Siren	EACH		X	X	X
614-72806	Overheight Vehicle Detector (LIDAR)	Overheight Veh Det (LIDAR)	EACH		X	X	X
614-72829	Communications Cabinet (Install Only)	Communications Cabinet (Install Only)	EACH	X			
614-72830	Communications Cabinet	Communications Cabinet	EACH		X		X
614-72831	Communications Cabinet (Type 1)	Comm Cabinet (Type 1)	EACH		X		X
614-72832	Communications Cabinet (Type 2)	Comm Cabinet (Type 2)	EACH		X		X
614-72834	Communications Cabinet (Type 2) (Install Only)	Comm Cabinet (Type 2) (Install Only)	EACH	X			
614-72835	Custom Phone Cabinet Blank Cover	Custom Phone Cab Blank Cover	EACH		X		X
614-72836	Conflict Monitor	Conflict Monitor	EACH			X	
614-72845	Overheight Vehicle Detection System Controller	Overheight Veh Det Sys Controller	EACH			X	
614-72854	Traffic Controller Cabinet	Traf Ctrl Cabinet	EACH		X		X
614-72855	Traffic Signal Controller Cabinet	Traf Sig Ctrl Cabinet	EACH		X		X
614-72856	Recessed Control Cabinet	Recessed Ctrl Cabinet	EACH		X		X

614-72857	Surface Mounted Control Cabinet	Surface Mounted Ctrl Cabinet	EACH		X		X
614-72858	Pedestal Pole (3 Foot 6 Inch)	Ped Pole (3.5 In)	EACH		X		X
614-72859	Surface Mounted Control Cabinet (Install Only)	Surf Mount Ctrl Cab (Inst Only)	EACH	X			
614-72860	Pedestrian Push Button	Ped Push Button	EACH			X	
614-72861	Pedestrian Push Button (Install Only)	Ped Push Button (Inst Only)	EACH	X			
614-72862	Pedestrian Push Button (Special)	Ped Push Button (Spec)	EACH			X	
614-72863	Pedestrian Push Button Post Assembly	Ped Push Button Post Assem	EACH		X	X	X
614-72864	Fire Preemption Unit	Fire Preempt Unit	EACH			X	
614-72865	Pedestrian Interval Timer	Ped Interval Timer	EACH			X	
614-72866	Fire Preemption Unit and Timer	Fire Preempt Unit + Timer	EACH			X	
614-72867	Fire Extinguisher	Fire Extinguisher	EACH			X	
614-72868	Bicycle and Pedestrian Traffic Counter	Bicycle and Ped Traf Count	EACH			X	
614-72870	Coordination Unit	Coordination Unit	EACH		X	X	X
614-72871	Loop Detector Wire (Prefab) Special	Loop Detect Wire (Prefab) Spec	LF			X	
614-72872	Loop Detector (Micro Type)	Loop Detect (Micro Type)	EACH			X	
614-72873	Loop Detector Wire Prefabricated (Install Only)	Loop Detec Wire Prefab (Install Only)	LF	X			
614-72875	Loop Detector Wire	Loop Detect Wire	LF			X	
614-72876	Traffic Signal Vehicle Detector Amplifier (Loop Type) (2 Channel)	Detect Amp (Loop) (2)	EACH			X	
614-72877	Traffic Signal Vehicle Detector (Install Only)	Detect (Install Only)	EACH	X			
614-72878	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel)	Detect Amp (Loop) (4)	EACH			X	
614-72879	Traffic Signal Vehicle Detector Amplifier (Magnetic Type)	Detect Amp (Magnetic)	EACH			X	
614-72880	Traffic Signal Vehicle Detector Amplifier (Loop Type)	Detect Amp (Loop)	EACH			X	
614-72882	Traffic Signal Vehicle Detector (Micro Type)	Detect (Micro)	EACH			X	
614-72883	Mainline Detection	Mainline Detection	EACH		X	X	X
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	Detect (Micro Wave)	EACH			X	
614-72885	Traffic Signal Vehicle Detector (Special)	Detect (Spec)	EACH			X	
614-72886	Intersection Detection System (Camera)	Intersection Detect Sys (Camera)	EACH			X	
614-72887	Microwave Vehicle Radar Detector	Detect (Microwave Veh)	EACH			X	
614-72888	Microwave Vehicle Radar Detector (Install Only)	Detect (Microwave Veh) (Install)	EACH	X			
614-72889	Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	Detect (Micro) (Non-Invasive)	EACH			X	
614-72890	Span Wire Cable	Span Wire Cable	LF			X	
614-72891	Telephone Interconnect Wire	Tele Intercon Wire	LF			X	
614-72892	Power Feed Wire	Power Feed Wire	LF			X	
614-72893	Signal Cable	Signal Cable	LF			X	
614-72894	Emergency Telephone	Emergency Telephone	EACH			X	
614-72895	Vehicle Detection System (Single Camera)	Vehicle Detect Sys (Single Camera)	EACH			X	

614-72896	Intersection Detection System (Camera)(Install Only)	Inst Intersect Detect Sys (Camera)	EACH	X				
614-72897	Signal Cable (Install Only)	Signal Cable (Install Only)	LF	X				
614-72900	Wireless Magnetometer Vehicle Detection system	WL Magnet Vehicle Det Sys	EACH			X		
614-72904	Microwave Vehicle Radar Detector (Furnish Only)	Microwave Veh Radar Detect (Furnish Only)	EACH			X		
614-73000	Piezo (Electric) (CL I) (11 Foot)	Piezo (Elec) (CL I) (11 Ft)	EACH		X	X	X	
614-73005	Piezo (Electric) (Class II)	Piezo (Elec)(CL II)	EACH		X	X	X	
614-73010	Piezoelectric Tube, Class 2 (Install Only)	Inst Piezo Elec Tube, CL 2	EACH	X				
614-75200	Programmable Traffic Signal Face (Install Only)	Inst Prog Traf Sig Face	EACH	X				
614-75216	Pedestrian Signal Face (16) (Install Only)	Inst Ped Sig Face (16)	EACH	X				
614-75219	Pedestrian Signal Face (18) (Countdown) (Install Only)	Inst Ped Sig Face (18) (Countdown)	EACH	X				
614-75225	Traffic Signal Face (12-12) (Install Only)	Inst Traf Sig Face (12-12)	EACH	X				
614-75226	Traffic Signal Face (12) (Install Only)	Inst Traf Sig Face (12)	EACH	X				
614-75324	Traffic Signal Face (8-8-8) (Install Only)	Inst Traf Sig Face (8-8-8)	EACH	X				
614-75332	Pedestrian Signal Face (16-16) (Install Only)	Inst Ped Sig Face (16-16)	EACH	X				
614-75336	Traffic Signal Face (12-12-12) (Install Only)	Inst Traf Sig Face (12-12-12)	EACH	X				
614-75560	Traffic Signal Face (12-12-12-12-12) (Install Only)	Inst Traf Sig Face (12-12-12-12-12)	EACH	X				
614-75840	Traffic Signal Controller (Install Only)	Inst Traf Sig Ctrlr	EACH	X				
614-75841	Traffic Signal Controller (Type 170) (Install Only)	Inst Traf Sig Ctrlr (Ty 170)	EACH	X				
614-75848	Traffic Signal Controller and Cabinet (Install Only)	Inst Traf Sig Ctrlr + Cab	EACH	X				
614-75855	Traffic Signal Controller Cabinet (Install Only)	Inst Traf Sig Ctrlr Cab	EACH	X				
614-75860	Pedestrian Push Button (Install Only)	Inst Ped Push Button	EACH	X				
614-75867	Railroad Preemption Unit (Install Only)	Inst RR Preempt Unit	EACH	X				
614-75870	Coordination Unit (Install Only)	Inst Coordination Unit	EACH	X				
614-75875	Loop Detector Wire (Install Only)	Inst Loop Detect Wire	LF	X				
614-75877	Loop Detector Wire Prefabricated (Special) (Install Only)	Inst Prefab Loop Detect (Spec)	LF	X				
614-75880	Traffic Signal Vehicle Detector Amplifier (Loop Type) (Install Only)	Inst Detect Amp (Loop)	EACH	X				
614-75881	Traffic Signal Detector Amplifier (Loop Type) (Install Only)	Inst Traf Sig Detect Amp (Loop)	EACH	X				
614-75882	Traffic Signal Vehicle Detector (Magnetic Type) (Install Only)	Inst Sig Veh Detect (Magnetic)	EACH	X				
614-75883	Traffic Signal Detector (Micro Type) (Install Only)	Inst Traf Sig Detect (Micro)	EACH	X				
614-75890	Span Wire Cable (Install Only)	Inst Span Wire Cable	LF	X				
614-75891	Telephone Interconnect Wire (Install Only)	Inst Tele Intercon Wire	LF	X				
614-75892	Power Feed Wire (Install Only)	Inst Pwr Feed Wire	LF	X				
614-79217	Pedestrian Signal Face (16) (Furnish Only)	Furn Ped Sig Face (16)	EACH			X		
614-79328	Traffic Signal Face (12-8-8) (Furnish Only)	Furn Traf Sig Face (12-8-8)	EACH			X		
614-79332	Pedestrian Signal Face (16-16) (Furnish Only)	Furn Ped Sig Face (16-16)	EACH			X		
614-79336	Traffic Signal Face (12-12-12) (Furnish Only)	Furn Traf Sig Face (12-12-12)	EACH			X		
614-79560	Traffic Signal Face (12-12-12-12-12) (Furnish Only)	Furn Traf Sig Face (12-12-12-12-12)	EACH			X		
614-79840	Traffic Signal Controller (Furnish Only)	Furn Traf Sig Ctrlr	EACH		X		X	

614-79855	Traffic Signal Controller Cabinet (Furnish Only)	Furn Traf Sig Ctrler Cab	EACH		X		X
614-79858	Pedestal Pole (3 Foot 6 Inch) (Furnish Only)	Furn Ped Pole (3.5 In)	EACH		X		X
614-79860	Pedestrian Push Button (Furnish Only)	Furn Ped Push Button	EACH			X	
614-79870	Coordination Unit (Furnish Only)	Furn Coordination Unit	EACH		X	X	X
614-79875	Loop Detector Wire (Furnish Only)	Furn Loop Detect Wire	LF			X	
614-79876	Loop Detector Wire (Prefabricated) (Special) (Furnish Only)	Furn Loop Detect Wire (Prefab) (Spec)	LF			X	
614-79878	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel) (Furnish Only)	Furn Detect Amp (Loop) (4)	EACH			X	
614-79880	Traffic Signal Vehicle Detector Amplifier (Loop Type) (Furnish Only)	Furn Detect Amp (Loop)	EACH			X	
614-79882	Traffic Signal Vehicle Detector (Magnetic Type) (Furnish Only)	Furn Detect (Magnetic)	EACH			X	
614-79885	Traffic Signal Vehicle Detector (Micro Type) (Furnish Only)	Furn Detect (Micro)	EACH			X	
614-79886	Intersection Detection System (Camera) (Furnish Only)	Furn Int Detect Sys (Camera)	EACH			X	
614-79890	Span Wire Cable (Furnish Only)	Furn Span Wire Cable	LF			X	
614-79896	Controller Interface Unit (Furnish Only)	Furn Ctrler Interface	EACH			X	
614-80000	Flashing Beacon	Flash Beacon	EACH			X	
614-80001	Flashing Beacon (Solar Powered)	Flash Beacon (Solar Pwred)	EACH			X	
614-80002	Flashing Beacon (Install Only)	Inst Flash Beacon	EACH	X			
614-80003	Rectangular Rapid Flashing Beacon	Rect Rapid Flash Beacon	EACH			X	
614-80004	Flashing Beacon (Special)	Flash Beacon (Spec)	EACH			X	
614-80006	Surface Condition Analyzer	Surface Condition Analyzer	EACH			X	
614-80009	Surface Condition Analyzer (Furnish Only)	Furn Surface Condition Analyzer	EACH			X	
614-80010	Travel Time Indicator	Travel Time Indicator	EACH			X	
614-80020	Travel Time Indicator (Install Only)	Travel Time Indicator (Install)	EACH	X			
614-80311	Barricade (Type 3 F-A)	Barricade (Ty 3 F-A)	EACH		X	X	X
614-80312	Barricade (Type 3 F-B)	Barricade (Ty 3 F-B)	EACH		X	X	X
614-80313	Barricade (Type 3 F-C)	Barricade (Ty 3 F-C)	EACH		X	X	X
614-80314	Barricade (Type 3 F-D)	Barricade (Ty 3 F-D)	EACH		X	X	X
614-80321	Barricade (Type 3 M-A)	Barricade (Ty 3 M-A)	EACH		X	X	X
614-80322	Barricade (Type 3 M-B)	Barricade (Ty 3 M-B)	EACH		X	X	X
614-80323	Barricade (Type 3 M-C)	Barricade (Ty 3 M-C)	EACH		X	X	X
614-80324	Barricade (Type 3 M-D)	Barricade (Ty 3 M-D)	EACH		X	X	X
614-80385	Rumble Strip	Rumble Strip	LF	X			
614-80386	Rumble Strip (Special)	Rumble Strip (Spec)	LF	X			
614-80387	Rumble Strip (Grinding)	Rumble Strip (Grind)	LF	X			
614-80390	Rumble Strip (Grinding)(Asphalt)(Sinusoidal)	Rumble Strip (Grinding) (Asphalt)(Sin)	LF	X			
614-80391	Rumble Strip (Grinding)(Asphalt)	Rumble Strip (Grind) (Asphalt)	LF	X			
614-80392	Rumble Strip (Grinding)(Concrete)	Rumble Strip (Grind)(Conc)	LF	X			
614-81000	Traffic Signal-Light Pole Steel	Sig-Light Pole Steel	EACH		X		
614-81005	Traffic Signal-Light Pole Steel (Furnish Only)	Furn Sig-Light Pole Steel	EACH		X		

614-81010	Traffic Signal-Light Pole Steel (1 Mast Arm)	Sig-Light Pole Steel (1)	EACH		X		
614-81011	Traffic Signal-Light Pole Steel (1 Mast Arm) (Install Only)	Inst Sig-Light Pole Steel (1)	EACH	X			
614-81012	Traffic Signal-Light Pole Steel (2 Mast Arm) (Install Only)	Inst Sig-Light Pole Steel (2)	EACH	X			
614-81020	Traffic Signal-Light Pole Steel (2 Mast Arm)	Sig-Light Pole Steel (2)	EACH		X		
614-81115	Traffic Signal Light Pole Steel (1-15 Foot Mast Arm)	Sig-Light Pole Steel (1-15 Ft)	EACH		X		
614-81120	Traffic Signal-Light Pole Steel (1-20 Foot Mast Arm)	Sig-Light Pole Steel (1-20 Ft)	EACH		X		
614-81125	Traffic Signal-Light Pole Steel (1-25 Foot Mast Arm)	Sig-Light Pole Steel (1-25 Ft)	EACH		X		
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	Sig-Light Pole Steel (1-30 Ft)	EACH		X		
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	Sig-Light Pole Steel (1-35 Ft)	EACH		X		
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	Sig-Light Pole Steel (1-40 Ft)	EACH		X		
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	Sig-Light Pole Steel (1-45 Ft)	EACH		X		
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	Sig-Light Pole Steel (1-50 Ft)	EACH		X		
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	Sig-Light Pole Steel (1-55 Ft)	EACH		X		
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	Sig-Light Pole Steel (1-60 Ft)	EACH		X		
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	Sig-Light Pole Steel (1-65 Ft)	EACH		X		
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	Sig-Light Pole Steel (1-70 Ft)	EACH		X		
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	Sig-Light Pole Steel (1-75 Ft)	EACH		X		
614-81220	Traffic Signal-Light Pole Steel (2-20 Foot Mast Arm)	Sig-Light Pole Steel (2-20 Ft)	EACH		X		
614-81230	Traffic Signal-Light Pole Steel (2-30 Foot Mast Arm)	Sig-Light Pole Steel (2-30 Ft)	EACH		X		
614-81240	Traffic Signal-Light Pole Steel (2-40 Foot Mast Arm)	Sig-Light Pole Steel (2-40 Ft)	EACH		X		
614-81250	Traffic Signal-Light Pole Steel (2-50 Foot Mast Arm)	Sig-Light Pole Steel (2-50 Ft)	EACH		X		
614-81255	Traffic Signal Light Pole Steel (2-55 Foot Mast Arm)	Sig-Light Pole Steel (2-55 Ft)	EACH		X		
614-81260	Traffic Signal Light Pole Steel (2-60 Foot Mast Arm)	Sig-Light Pole Steel (2-60 Ft)	EACH		X		
614-81265	Traffic Signal-Light Pole Steel (2-65 Foot Mast Arm)	Sig-Light Pole Steel (2-65 Ft)	EACH		X		
614-81275	Traffic Signal-Light Pole Steel (2-75 Foot Mast Arm)	Sig-Light Pole Steel (2-75 Ft)	EACH		X		
614-81300	Traffic Signal-Light Pole (Install Only)	Inst Sig-Light Pole	EACH	X			
614-81301	Traffic Signal-Light Pole (1 Mast Arm) (Install Only)	Inst Sig-Light Pole (1)	EACH	X			

614-81302	Traffic Signal-Light Pole (2 Mast Arm) (Install Only)	Inst Sig-Light Pole (2)	EACH	X			
614-81410	Traffic Signal-Light Pole Steel (1 Mast Arm) (Furnish Only)	Furn Sig-Light Pole Steel (1)	EACH		X		
614-81420	Traffic Signal-Light Pole Steel (2 Mast Arm) (Furnish Only)	Furn Sig-Light Pole Steel (2)	EACH		X		
614-81430	Traffic Signal-Light Pole Steel (2 Mast Arm) (Special) (Furnish Only)	Furn Sig-Light Pole Steel (2) (S)	EACH		X		
614-81515	Traffic Signal-Light Pole Steel (2-15&20 Foot Mast Arm)	Sig-Light Pole Steel (2-15&20 Ft)	EACH		X		
614-81525	Traffic Signal-Light Pole Steel (2-25&50 Foot Mast Arm)	Sig-Light Pole Steel (2-25&50 Ft)	EACH		X		
614-81535	Traffic Signal-Light Pole Steel (2-35&40 Foot Mast Arm)	Sig-Light Pole Steel (2-35&40 Ft)	EACH		X		
614-81540	Traffic Signal-Light Pole Steel (2-25&40 Foot Mast Arm)	Sig-Light Pole Steel (2-25&40 Ft)	EACH		X		
614-81550	Traffic Signal-Light Pole Steel (2-50&60 Foot Mast Arm)	Sig-Light Pole Steel (2-50&60 Ft)	EACH		X		
614-81555	Traffic Signal-Light Pole Steel (2-55&65 Foot Mast Arm)	Sig-Light Pole Steel (2-55&65 Ft)	EACH		X		
614-81560	Traffic Signal-Light Pole Steel (2-60&65 Foot Mast Arm)	Sig-Light Pole Steel (2-60&65 Ft)	EACH		X		
614-81565	Traffic Signal-Light Pole Steel (2-65&40 Foot Mast Arm)	Sig-Light Pole Steel (2-65&40 Ft)	EACH		X		
614-81570	Traffic Signal-Light Pole Steel (2-70&75 Foot Mast Arm)	Sig-Light Pole Steel (2-70&75 Ft)	EACH		X		
614-82010	Traffic Signal Pole Steel (1 Mast Arm)	Sig Pole Steel (1)	EACH		X		
614-82011	Traffic Signal Pole Steel (1 Mast Arm) (Install Only)	Inst Sig Pole Steel (1)	EACH		X		
614-82015	Traffic Signal Pole Steel (1 Mast Arm) (Special)	Sig Pole Steel (1) (Spec)	EACH		X		
614-82020	Traffic Signal Pole Steel (2 Mast Arm)	Sig Pole Steel (2)	EACH		X		
614-82410	Traffic Signal Pole Steel (1 Mast Arm) (Furnish Only)	Furn Sig Pole Steel (1)	EACH		X		
614-83000	Traffic Signal Mast Arm Steel	Traf Sig Mast Arm Steel	EACH		X		
614-83200	Traffic Signal Pole (Install Only)	Inst Traf Sig Pole	EACH	X			
614-83300	Traffic Signal Mast Arm (Install Only)	Inst Traf Sig Mast Arm	EACH	X			
614-83400	Traffic Signal Mast Arm Steel (Furnish Only)	Furn Traf Sig Mast Arm Steel	EACH		X		
614-84000	Traffic Signal Pedestal Pole Steel	Traf Sig Ped Pole Steel	EACH		X		
614-84100	Traffic Signal Pedestal Pole Aluminum	Traf Sig Ped Pole Alum	EACH			X	
614-84400	Traffic Signal Pedestal Pole Steel (Furnish Only)	Furn Traf Sig Ped Pole Steel	EACH		X		
614-84450	Traffic Signal Pedestal Pole Steel (Install Only)	Inst Traf Sig Ped Pole Steel	EACH	X			
614-84455	Traffic Signal Pedestal Pole (Install Only)	Inst Traf Sig Ped Pole	EACH	X			
614-85001	Impact Attenuator	Impact Atten	EACH		X		X
614-85003	Impact Attenuator (Low Maintenance)	Impact Atten (LM)	EACH		X		X
614-85005	Impact Attenuator (Sand Barrel Array)	Impact Atten (Sand Barrel Array)	EACH		X		X
614-85040	Impact Attenuator (Truck Mounted Attenuator)	Impact Atten (T-M-A)	EACH		X		X
614-85045	Truck with Mounted Attenuator and Flashing Arrow Panel	Truck w/Mtd Atten & Flash Arrow Panel	EACH		X		X
614-85125	Impact Attenuator (Quadguard) (Wide)	Impact Atten (Quadguard) (Wide)	EACH		X		X

614-85130	Impact Attenuator (Quadguard II)	Impact Atten (Quadguard II)	EACH		X		X
614-85159	Impact Attenuator (REACT)	Impact Atten (REACT)	EACH		X		X
614-85165	Impact Attenuator (REACT) (Wide)	Impact Atten (REACT) (Wide)	EACH		X		X
614-85200	Raised Traffic Separator System	Raised Traf Sep Sys	LF		X	X	X
614-85312	Traffic Signal Span Wire Pole (12 Inch)	Span Wire Pole (12 In)	EACH		X		X
614-85316	Traffic Signal Span Wire Pole (16 Inch)	Span Wire Pole (16 In)	EACH		X		X
614-85340	Traffic Signal Span Wire Pole (Install Only)	Inst Span Wire Pole	EACH	X			
614-85360	Traffic Signal-Light Span Wire Pole (10 Inch)	Sig-Light Span Wire Pole (10 In)	EACH		X		X
614-85362	Traffic Signal-Light Span Wire Pole (12 Inch)	Sig-Light Span Wire Pole (12 In)	EACH		X		X
614-85366	Traffic Signal-Light Span Wire Pole (16 Inch)	Sig-Light Span Wire Pole (16 In)	EACH		X		X
614-85475	Traffic Signal Span Wire Pole (Furnish Only)	Furn Span Wire Pole	EACH		X		X
614-85510	Traffic Signal Span Wire Pole (10 Inch) (Furnish Only)	Furn Span Wire Pole (10 In)	EACH		X		X
614-85520	Paint Traffic Signal Pole	Paint Traf Sig Pole	EACH		X		X
614-86000	Traffic Signal Controller (Master)	Traf Sig Ctrlr (M)	EACH			X	
614-86001	Traffic Signal Controller (Master)	Traf Sig Ctrlr (M)	L S			X	
614-86002	Spread Spectrum Radio	Spread Spectrum Radio	EACH			X	
614-86003	Spread Spectrum Radio (Contact Closure)	Spread Spectrum Radio (Contact Closure)	EACH			X	
614-86004	Spread Spectrum Radio (Install Only)	Spread Spectrum Radio (Install)	EACH	X			
614-86005	Telemetry (Master)	Telemetry (Master)	L S			X	
614-86006	Telemetry (Master)	Telemetry (Master)	EACH			X	
614-86007	Serial to IP Converter	Serial to IP Converter	EACH		X	X	X
614-86009	Connected Vehicle Roadside Unit (Install Only)	Connected Veh Roadside Unit (Inst Only)	EACH	X			
614-86010	Connected Vehicle Roadside Unit	Connected Vehicle Roadside Unit	EACH			X	
614-86090	Traffic Signal Repeater	Traffic Signal Repeater	EACH			X	
614-86091	Traffic Signal Repeater (Install Only)	Inst Traf Sig Repeater	EACH	X			
614-86097	Wireless Detection Access Point	Wireless Detection Access Point	EACH			X	
614-86098	Wireless Detection Repeater	Wireless Detection Repeater	EACH			X	
614-86099	Wireless Detection Sensor	Wireless Detection Sensor	EACH			X	
614-86101	Wireless Mesh Router	Wireless Mesh Router	EACH			X	
614-86102	Wireless Device Router	Wireless Device Router	EACH			X	
614-86103	Wireless Router Controller	Wireless Router Controller	EACH			X	
614-86105	Telemetry (Field)	Telemetry (Field)	EACH			X	
614-86106	Telemetry (Field)(Install Only)	Telemetry (Field)(Install Only)	EACH	X			
614-86110	Telemetry (Furnish Only)	Furn Telemetry	EACH			X	
614-86112	Traffic Signal Controller (Furnish Only)	Furn Ctrlr	EACH			X	
614-86232	Traffic Signal Controller (Solid State) (Full-Actuated) (2 Phase)	Ctrlr (S-S) (F-A) (2)	EACH			X	

614-86238	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase)	Ctrlr (S-S) (F-A) (8)	EACH				X		
614-86239	Traffic Signal Controller (Solid State) (Full-Actuated) (12 Phase)	Ctrlr (S-S) (F-A) (12)	EACH				X		
614-86240	Traffic Signal Controller (Type 170)	Ctrlr (Ty 170)	EACH				X		
614-86245	Controller (Type 170E)	Ctrlr (Ty 170E)	EACH				X		
614-86246	Controller (Type 170E-HC11)	Ctrlr (Ty 170E-HC11)	EACH				X		
614-86247	Controller (Type 170E-HC11 W/W70SM Firmware)	Ctrlr (Ty 170E-HC11 W/W70SM Firmware)	EACH				X		
614-86248	Traffic Signal Controller (Type 2070LC)	Traf Ctrlr (Type 2070LC)	EACH				X		
614-86250	Ramp Metering Controller	Ctrlr (Ramp Metering)	EACH				X		
614-86255	Ramp Metering Control System	Ramp Meter Ctrl System	L S				X		
614-86300	Traffic Signal Controller (Master) (Furnish Only)	Furn Traf Sig Ctrlr (M)	EACH				X		
614-86538	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase) (Furnish Only)	Furn Ctrlr (S-S) (F-A) (8)	EACH				X		
614-86550	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase) (Install Only)	Inst Ctrlr (S-S) (F-A) (8)	EACH	X					
614-86600	Traffic Signal Controller (Master) (Install Only)	Inst Traf Sig Ctrlr (M)	EACH	X					
614-86650	Ramp Metering Controller (Furnish Only)	Furn Ctrlr (Ramp Metering)	EACH		X		X		
614-86660	Ramp Metering Controller (Install Only)	Inst Ramp Meter Ctrlr	EACH	X					
614-86700	Traffic Signal Equipment (Furnish Only)	Furn Traf Sig Equip	L S		X		X		
614-86705	Traffic Signal Equipment (Install Only)	Inst Traf Sig Equip	HOUR	X					
614-86710	Traffic Signal Equipment	Traffic Sig Equip	L S		X		X		
614-86715	Traffic Signal Equipment	Traffic Sig Equip	EACH		X		X		
614-86720	Mainline Weigh In Motion Sorter System	ML WIM Sorter System	L S				X		
614-86721	Weigh-In-Motion (LED)(Single Faced)	WIM (LED)(Single Faced)	EACH		X		X		
614-86722	Weigh-In-Motion Station (Type II)	WIM Station (Ty II)	L S		X		X		
614-86732	Weigh-In-Motion Station (Type II)	WIM Station (Ty II)	EACH		X		X		
614-86733	Weigh-In-Motion Station (Type III)	WIM Station (Ty III)	L S		X		X		
614-86734	Weigh-In-Motion Station (Type III)	WIM Station (Ty III)	EACH		X		X		
614-86735	Weather Sensor	Weather Sensor	L S				X		
614-86736	Visibility Sensor	Visibility Sensor	EACH				X		
614-86737	Surface Sensor	Surface Sensor	EACH				X		
614-86738	Sub-Surface Temperature Probe	Sub-Surf Temp Probe	EACH				X		
614-86740	Weather Monitoring System	Weather Monitor System	L S				X		
614-86741	Weather Monitoring System	Weather Monitor System	EACH				X		
614-86748	Controller (Type 2070)	Ctrlr (Ty 2070)	EACH				X		
614-86749	Weather Monitoring System (Install Only)	Inst Weather Monitoring System	L S	X					
614-86750	Weather Monitoring System (Furnish Only)	Furn Weather Monitor System	L S				X		
614-86752	Fold-Over Tower (ITS)	Fold-Over Tower (ITS)	EACH				X		
614-86754	Maintenance of ITS Equipment	Maint of ITS Equip	L S	X					
614-86757	Anti-icing System	Anti-icing Syst	EACH				X		
614-86758	Anti-Icing System	Anti-Icing Sys	SY				X		
614-86759	Anti-Icing Building	Anti-Icing Building	EACH		X		X	X	
614-86760	Sequential Pavement Lighting System	Seq Pvmt Lighting System	L S				X		

614-86770	Sequential Pavement Lighting Unit	Seq Pvmnt Lighting Unit	EACH			X		
614-86800	Uninterrupted Power Supply	Uninterrupted Power Supply	EACH		X	X	X	
614-86900	Modification of Traffic Signal Controller	Mod Traf Sig Ctrler	EACH		X	X	X	
614-86910	Modification of Traffic Signal Controller (Master)	Mod Traf Sig Ctrler (M)	EACH		X	X	X	
614-86915	Modify Traffic Signal Pole	Mod Traf Sig Pole	EACH		X	X	X	
614-86920	Modification of Traffic Signal Controller Cabinet	Mod Traf Sig Ctrler Cab	EACH		X	X	X	
614-87000	Work Stations and Software	Work Stations and Soft	L S			X		
614-87001	Work Stations and Software	Work Stations and Software	EACH			X		
614-87006	Fiber Optic Termination Panel (6 Fiber)	Fiber Optic Term Panel (6 Fiber)	EACH					X
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	Fiber Optic Cable (S Mode) (12 Fiber)	LF					X
614-87011	Fiber Optic Cable (Single Mode) (24 Fiber)	Fiber Optic Cable (S Mode) (24 Fiber)	LF					X
614-87012	Fiber Optic Termination Panel (12 Fiber)	Fiber Optic Term Panel (12 Fiber)	EACH					X
614-87015	Buffer Tube Fan Out Kit	Buffer Tube Fan Out Kit	EACH		X	X	X	
614-87020	Optical Transceiver	Optical Transceiver	EACH			X		
614-87021	Optical Transceiver (Install Only)	Inst Optical Transceiver	EACH	X				
614-87024	Fiber Optic Termination Panel (24 Fiber)	Fiber Optic Term Panel (24 Fiber)	EACH			X		
614-87025	Optical Transceiver Chassis	Optic Transceiver Chassis	EACH			X		
614-87028	Video Optical Transceiver	Video Optic Transceiver	EACH			X		
614-87030	Four Channel Detector Card	Four Channel Detect Card	EACH		X	X	X	
614-87040	Cable Innerduct (1 Inch)	Cable Innerduct (1 In)	LF			X		
614-87096	Fiber Optic Termination Panel (96 Fiber)	Fiber Optic Termi Panel (96 Fiber)	EACH			X		
614-87100	Automatic Traffic Recording Station	Auto Traf Rec Sta	EACH		X	X		
614-87144	Fiber Optic Termination Panel (144 Fiber)	Fiber Optic Termi Panel (144 Fiber)	EACH			X		
614-87300	Traffic Management System Building	TMS Building	EACH			X		
614-87310	Traffic Management System Building Equipment	TMS Building Equip	L S		X	X		
614-87312	Traffic Management System Building Generator	Traffic Management Sys Bldg Generator	L S		X	X		
614-87314	Traffic Management System Building HVAC	Traffic Management Sys Bldg HVAC	EACH		X	X		
614-87315	Software System	Softwr System	L S	X				
614-87316	Traffic Management System Building UPS	Traffic Management Sys Bldg UPS	EACH		X	X		
614-87318	Master Computer and Software	Master Computer and Software	L S	X				
614-87319	PLC Control Unit	PLC Control Unit	EACH		X	X		
614-87320	Closed Circuit Television	CCTV	EACH		X	X		
614-87321	Closed Circuit Television (Install Only)	CCTV (Inst)	EACH	X				
614-87325	Closed Circuit Television Pole	CCTV Pole	EACH		X		X	
614-87326	CCTV Pole (Install Only)	CCTV Pole (Install Only)	EACH	X				
614-87330	Remove and Relocate CCTV and Wiring	Remove and Reloc CCTV and Wiring	L S	X				

614-87333	Closed Circuit Television Camera (Traffic Surveillance)	CCTV Camera (Traf Surveil)	EACH		X	X		
614-87335	Video Matrix Switching System (Traffic Surveillance)	Video Switch (System)	EACH	X				
614-87340	Test and Support Equipment	Test and Support Equip	L S	X				
614-87350	Test Fiber Optic Cable	Test Fiber Optic Cable	L S	X				
614-87360	Control Center Upgrade	Control Center Upgrade	L S	X	X	X	X	
614-87362	Closed Circuit Television Pole with Lowering Device (40 Feet)	CCTV Pole w Low Dev (40 Ft)	EACH		X	X	X	
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	CCTV Pole w Low Dev (50 Ft)	EACH		X	X	X	
614-87366	Closed Circuit Television Pole with Lowering Device (60 Feet)	CCTV Pole w Low Dev (60 Ft)	EACH		X	X	X	
614-87368	Closed Circuit Television Pole with Lowering Device (70 Feet)	CCTV Pole w Low Dev (70 Ft)	EACH		X	X	X	
614-87370	Closed Circuit Television Pole with Lowering Device (80 Feet)	CCTV Pole w Low Dev (80 Ft)	EACH		X	X	X	
614-87400	Breakaway Tapered ITS Pole Steel (30 Feet)	Brkaway Taper ITS Pole Steel (30 Ft)	EACH		X			
614-87401	Fiber Optic Cable (Special)	Fiber Optic Cable (Spec)	LF				X	
614-87402	Breakaway Tapered ITS Pole Steel (40 Feet)	Brkaway Taper ITS Pole Steel (40 Ft)	EACH		X			
614-87404	Breakaway Tapered ITS Pole Steel (50 Feet)	Brkaway Taper Pole Steel (50 Ft)	EACH		X			
614-87406	Fiber Optic Cable (Single Mode) (6 Strands)	Fiber Optic Cable (S Mode) (6 S)	LF				X	
614-87407	Fiber Optic Cable (Multi Mode) (6 Strands)	Fiber Optic Cable (M Mode) (6 S)	LF				X	
614-87412	Fiber Optic Cable (Single Mode) (12 Strands) (Install Only)	Fiber Optic Cable (S Mode) (12 S) (Inst)	LF	X				
614-87413	Fiber Optic Cable (Multi Mode) (12 Strands)	Fiber Optic Cable (M Mode) (12 S)	LF				X	
614-87424	Fiber Optic Cable (Single Mode) (24 Strands)	Fiber Optic Cable (S Mode) (24 S)	LF				X	
614-87425	Fiber Optic Cable (Multi Mode) (24 Strands)	Fiber Optic Cable (M Mode) (24 S)	LF				X	
614-87426	Fiber Optic Cable (Single Mode)(24 Strands)(Install Only)	Fiber Optic Cable (S Mode) (24 S)(Inst)	LF				X	
614-87448	Fiber Optic Cable (Single Mode) (48 Strands)	Fiber Optic Cable (S Mode) (48 S)	LF				X	
614-87449	Fiber Optic Cable (Multi Mode) (48 Strands)	Fiber Optic Cable (M Mode) (48 S)	LF				X	
614-87472	Fiber Optic Cable (S Mode)(72 S)	Fiber Optic Cable (S Mode) (72 S)	LF				X	
614-87473	Fiber Optic Cable Termination Panel (72 Strand)	Fiber Optic Cable Term Panel (72 S)	EACH				X	
614-87495	Fiber Optic Cable (Single Mode) (96 Strands) (Install Only)	Fiber Optic Cable (S Mode) (96 S) (Inst)	LF	X				
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	Fiber Optic Cable (S Mode) (96 S)	LF				X	

614-87497	Fiber Optic Cable (Multi Mode) (96 Strands)	Fiber Optic Cable (M Mode) (96 S)	LF				X
614-87498	Fiber Optic Cable (Single Mode) (144 Strands)	Fiber Optic Cable (S Mode) (144 S)	LF				X
614-87499	Fiber Optic Cable (Single Mode) (Install Only)	Fiber Optic Cable (S Mode) (Inst)	LF	X			
614-87500	Call Box	Call Box	EACH		X		X
614-87501	Splice Fiber Optic Cable (1 Strand)	Splice FO Cable (1 S)	EACH				X
614-87502	Fiber Optic Cable (S Mode)(168 S)	Fiber Optic Cable (S Mode) (168 S)	LF				X
614-87506	Splice Fiber Optic Cable (6 Strand)	Splice FO Cable (6 S)	EACH				X
614-87512	Splice Fiber Optic Cable (12 Strand)	Splice FO Cable (12 S)	EACH				X
614-87524	Splice Fiber Optic Cable (24 Strand)	Splice FO Cable (24 Strand)	EACH				X
614-87548	Splice Fiber Optic Cable (48 Strand)	Splice FO Cable (48 Strand)	EACH				X
614-87596	Splice Fiber Optic Cable (96 Strand)	Splice Fiber Optic Cable (96 Strand)	EACH				X
614-87601	Terminate Fiber Optic Cable (1 Strand)	Term FO Cable (1S)	EACH				X
614-87606	Terminate Fiber Optic Cable (6 Strand)	Term FO Cable (6 Strand)	EACH				X
614-87612	Terminate Fiber Optic Cable (12 Strand)	Term FO Cable (12 S)	EACH				X
614-87624	Terminate Fiber Optic Cable (24 Strand)	Term FO Cable (24 Strand)	EACH				X
614-87644	Fiber Optic Termination Panel - 144 Fiber	Term FO Cable (144 Strand)	EACH				X
614-87646	Fiber Optic Cable (Single Mode) (144 Strands) (Install Only)	Fiber Optic Cable (S Mode) (144 S)(Inst)	LF	X			
614-87648	Terminate Fiber Optic Cable (48 Strand)	Term FO Cable (48 Strand)	EACH				X
614-87650	Fiber Optic Cable (Single Mode) (216 Strands)	Fiber Optic Cable (S Mode) (216 S)	LF				X
614-87652	Fiber Optic Cable (Single Mode) (216 Strands) (Install Only)	Fiber Optic Cable(SMode) (216 S)(Install)	LF	X			
614-87660	Video Decoder	Video Decoder	EACH	X			
614-87661	Video Encoder	Video Encoder	EACH	X			
614-87670	Tier II Multiplexer	Tier II Multi	EACH		X	X	
614-87680	Sonet Multiplexer	Sonet Multi	EACH		X	X	
614-87690	Ethernet Switch	Ethernet Switch	EACH		X	X	
614-87691	Ethernet Switch Type I	Ethernet Switch Type I	EACH		X	X	
614-87692	Ethernet Switch Type II	Ethernet Switch Type II	EACH		X	X	
614-87693	Ethernet Switch Type III	Ethernet Switch Type III	EACH		X	X	
614-87695	Ethernet Switch Type IV (Install Only)	Ethernet Switch Type IV (Install Only)	EACH	X			
614-87697	Ethernet Aggregation Switch Type I	Ethernet Agg Switch Type I	EACH		X	X	
614-87698	Ethernet Aggregation Switch Type II	Ethernet Agg Switch Type II	EACH		X	X	
614-87699	Ethernet Aggregation Switch Type III	Ethernet Agg Switch Type III	EACH		X	X	
614-87700	Ethernet Router	Ethernet Router	EACH		X	X	
614-87702	Ethernet Radio (Pair)	Ethernet Radio (Pair)	EACH		X	X	
614-87704	Ethernet Radio (Single Client)	Ethernet Radio (Single Client)	EACH		X	X	
614-87708	Cellular Modem (CDMA)	Cellular Modem (CDMA)	EACH		X	X	
614-87710	Video Monitor	Video Monitor	EACH		X	X	
614-87720	Video Controller	Video Cont	EACH		X	X	

614-91155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	Sig-Light Pole Steel (1-55 Ft)	EACH		X				
									BA required for iron / steel per FMM requirements. Refer to project plans and specifications concerning the travel time module and other components.
615-00030	Embankment Protector Type 3	Emb Prot Ty 3	EACH	X	X	X	X		
									BA required for iron / steel per FMM requirements. Refer to project plans and specifications concerning the travel time module and other components.
615-00050	Embankment Protector Type 5	Emb Prot Ty 5	EACH	X	X	X	X		
615-00100	Place Embankment Protector	Place Emb Prot	EACH	X					
									BA required for iron / steel per FMM requirements. Refer to project plans and specifications concerning the travel time module and other components.
615-00150	Embankment Protector (Special)	Emb Prot (Spec)	EACH	X	X	X	X		
									BA required for iron / steel per FMM requirements. Refer to project plans and specifications concerning the travel time module and other components.
615-00152	Erosion Protector (Special)	Erosion Protect (Spec)	LF	X	X	X	X		
									BA required for iron / steel per FMM requirements. Refer to project plans and specifications concerning the travel time module and other components.
615-00500	Erosion Protector	Erosion Prot	LF	X	X	X	X		
615-00600	Log Dam	Log Dam	EACH				X		BABA - wood product
									Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the log deflector and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
615-00620	Log Deflector	Log Deflector	EACH		X	X	X		
									BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10006	6 Inch Automatic Drain Gate	6 In Auto Drain Gate	EACH		X		X		

615-10008	8 Inch Automatic Drain Gate	8 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10012	12 Inch Automatic Drain Gate	12 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10015	15 Inch Automatic Drain Gate	15 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10018	18 Inch Automatic Drain Gate	18 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10021	21 Inch Automatic Drain Gate	21 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10024	24 Inch Automatic Drain Gate	24 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10030	30 Inch Automatic Drain Gate	30 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10036	36 Inch Automatic Drain Gate	36 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10042	42 Inch Automatic Drain Gate	42 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-10048	48 Inch Automatic Drain Gate	48 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10054	54 Inch Automatic Drain Gate	54 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10060	60 Inch Automatic Drain Gate	60 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-10066	66 Inch Automatic Drain Gate	66 In Auto Drain Gate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20400	4 Inch Slide Headgate	4 In Sl Hdgate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20602	6 Inch Slide Headgate (2 Foot Frame)	6 In Sl Hdgate (2 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20605	6 Inch Slide Headgate (5 Foot Frame)	6 In Sl Hdgate (5 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20804	8 Inch Slide Headgate (4 Foot Frame)	8 In Sl Hdgate (4 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20805	8 Inch Slide Headgate (5 Foot Frame)	8 In Sl Hdgate (5 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-20806	8 Inch Slide Headgate (6 Foot Frame)	8 In SI Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20807	8 Inch Slide Headgate (7 Foot Frame)	8 In SI Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20808	8 Inch Slide Headgate (8 Foot Frame)	8 In SI Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20810	8 Inch Slide Headgate (10 Foot Frame)	8 In SI Hdgate (10 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-20899	8 Inch Slide Headgate Special	8 In SI Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21005	10 Inch Slide Headgate (5 Foot Frame)	10 In SI Hdgate (5 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21007	10 Inch Slide Headgate (7 Foot Frame)	10 In SI Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21011	10 Inch Slide Headgate (11 Foot Frame)	10 In SI Hdgate (11 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21099	10 Inch Slide Headgate Special	10 In SI Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-21203	12 Inch Slide Headgate (3 Foot Frame)	12 In Sl Hdgate (3 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21204	12 Inch Slide Headgate (4 Foot Frame)	12 In Sl Hdgate (4 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21205	12 Inch Slide Headgate (5 Foot Frame)	12 In Sl Hdgate (5 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21206	12 Inch Slide Headgate (6 Foot Frame)	12 In Sl Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21207	12 Inch Slide Headgate (7 Foot Frame)	12 In Sl Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21208	12 Inch Slide Headgate (8 Foot Frame)	12 In Sl Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21299	12 Inch Slide Headgate Special	12 In Sl Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21503	15 Inch Slide Headgate (3 Foot Frame)	15 In Sl Hdgate (3 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21505	15 Inch Slide Headgate (5 Foot Frame)	15 In Sl Hdgate (5 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-21506	15 Inch Slide Headgate (6 Foot Frame)	15 In Sl Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21509	15 Inch Slide Headgate (9 Foot Frame)	15 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21599	15 Inch Slide Headgate Special	15 In Sl Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21803	18 Inch Slide Headgate (3 Foot Frame)	18 In Sl Hdgate (3 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21804	18 Inch Slide Headgate (4 Foot Frame)	18 In Sl Hdgate (4 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21805	18 Inch Slide Headgate (5 Foot Frame)	18 In Sl Hdgate (5 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21806	18 Inch Slide Headgate (6 Foot Frame)	18 In Sl Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21807	18 Inch Slide Headgate (7 Foot Frame)	18 In Sl Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21808	18 Inch Slide Headgate (8 Foot Frame)	18 In Sl Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-21809	18 Inch Slide Headgate (9 Foot Frame)	18 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-21899	18 Inch Slide Headgate Special	18 In Sl Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22404	24 Inch Slide Headgate (4 Foot Frame)	24 In Sl Hdgate (4 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22405	24 Inch Slide Headgate (5 Foot Frame)	24 In Sl Hdgate (5 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22406	24 Inch Slide Headgate (6 Foot Frame)	24 In Sl Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22407	24 Inch Slide Headgate (7 Foot Frame)	24 In Sl Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22408	24 Inch Slide Headgate (8 Foot Frame)	24 In Sl Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22409	24 Inch Slide Headgate (9 Foot Frame)	24 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-22499	24 Inch Slide Headgate Special	24 In Sl Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-23005	30 Inch Slide Headgate (5 Foot Frame)	30 In Sl Hdgate (5 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23006	30 Inch Slide Headgate (6 Foot Frame)	30 In Sl Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23007	30 Inch Slide Headgate (7 Foot Frame)	30 In Sl Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23008	30 Inch Slide Headgate (8 Foot Frame)	30 In Sl Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23009	30 Inch Slide Headgate (9 Foot Frame)	30 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23010	30 Inch Slide Headgate (10 Foot Frame)	30 In Sl Hdgate (10 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23012	30 Inch Slide Headgate (12 Foot Frame)	30 In Sl Hdgate (12 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23606	36 Inch Slide Headgate (6 Foot Frame)	36 In Sl Hdgate (6 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23607	36 Inch Slide Headgate (7 Foot Frame)	36 In Sl Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-23608	36 Inch Slide Headgate (8 Foot Frame)	36 In Sl Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23609	36 Inch Slide Headgate (9 Foot Frame)	36 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23610	36 Inch Slide Headgate (10 Foot Frame)	36 In Sl Hdgate (10 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-23699	36 Inch Slide Headgate Special	36 In Sl Hdgate Spec	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-24208	42 Inch Slide Headgate (8 Foot Frame)	42 In Sl Hdgate (8 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-24209	42 Inch Slide Headgate (9 Foot Frame)	42 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-25410	54 Inch Slide Headgate (10 Foot Frame)	54 In Sl Hdgate (10 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-31504	15x15 Inch Slide Headgate (4 Foot Frame)	15x15 In Sl Hdgate (4 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-31804	18x18 Inch Slide Headgate (4 Foot Frame)	18x18 In Sl Hdgate (4 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-31806	18x18 Inch Slide Headgate (6 Foot Frame)	18x18 In Sl Hdgate (6 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-31807	18x18 Inch Slide Headgate (7 Foot Frame)	18x18 In Sl Hdgate (7 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-32405	24x24 Inch Slide Headgate (5 Foot Frame)	24x24 In Sl Hdgate (5 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-32406	24x24 Inch Slide Headgate (6 Foot Frame)	24x24 In Sl Hdgate (6 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-32418	24x18 Inch Slide Headgate	24x18 In Sl Hdgate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-33018	30x18 Inch Slide Headgate	30x18 In Sl Hdgate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-33024	30x24 Inch Slide Headgate	30x24 In Sl Hdgate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-33605	36x36 Inch Slide Headgate (5 Foot Frame)	36x36 In Sl Hdgate (5 Ft)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-34230	42x30 Inch Slide Headgate	42x30 In Sl Hdgate	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal

615-34809	48x48 Inch Slide Headgate (9 Foot Frame)	48x48 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-34830	48x30 Inch Slide Headgate	48x30 In Slide Headgate	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-36007	60x36 Inch Slide Headgate (7 Foot Frame)	60x36 In Sl Hdgate (7 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-37209	72x60 Inch Slide Headgate (9 Foot Frame)	72x60 In Sl Hdgate (9 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-39210	120x72 Inch Slide Headgate (10 Foot Frame)	120x72 In Sl Hdgate (10 Ft)	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-39900	Place Slide Headgate	Place Sl Hdgate	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-41203	12x3 Inch Cutthroat Measuring Flume	12x3 In Cutthroat Flume	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-41208	12x8 Inch Cutthroat Measuring Flume	12x8 In Cutthroat Flume	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of wood, plastic/fiberglass, aluminum or other non-ferrous metal
615-50000	Parshall Measuring Flume	Parshall Flume	EACH		X			BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material

615-51503	15x3 Inch Parshall Measuring Flume	15x3 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-51506	15x6 Inch Parshall Measuring Flume	15x6 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-51509	15x9 Inch Parshall Measuring Flume	15x9 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-51512	15x12 Inch Parshall Measuring Flume	15x12 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-51812	18x12 Inch Parshall Measuring Flume	18x12 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-51815	18x15 Inch Parshall Measuring Flume	18x15 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-51818	18x18 Inch Parshall Measuring Flume	18x18 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-52412	24x12 Inch Parshall Measuring Flume	24x12 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-52418	24x18 Inch Parshall Measuring Flume	24x18 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material

615-53630	36x30 Inch Parshall Measuring Flume	36x30 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-54830	48x30 Inch Parshall Measuring Flume	48x30 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-54836	48x36 Inch Parshall Measuring Flume	48x36 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-57236	72x36 Inch Parshall Measuring Flume	72x36 In Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-59900	Place Parshall Measuring Flume	Place Parshall Flume	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-60000	Gatewell	Gatewell	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, fiberglass, plastic/polymer product or other construction material
615-65000	Precast Irrigation Structure	Precast Irrig Str	EACH		X			BA required for reinforcing steel per FMM requirements.
615-65005	Irrigation Diversion Structure	Irrig Diversion Str	LS		X	X	X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
615-70000	Metal Flume Structure	Metal Flume Str	LF		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum or other construction material

								Refer to project plans and specifications concerning the stream restoration and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt
615-80000	Stream Restoration	Stream Restoration	L S	X	X	X	X	
616-00150	15 Inch Concrete Siphon Pipe	15 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00180	18 Inch Concrete Siphon Pipe	18 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00240	24 Inch Concrete Siphon Pipe	24 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00300	30 Inch Concrete Siphon Pipe	30 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00360	36 Inch Concrete Siphon Pipe	36 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00420	42 Inch Concrete Siphon Pipe	42 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00480	48 Inch Concrete Siphon Pipe	48 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-00600	60 Inch Concrete Siphon Pipe	60 In Conc Siphon Pipe	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-20360	36 Inch Bituminous Coated Steel Siphon Pipe	36 In BCSSP	LF	X	X			No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
616-21120	12 Inch Welded Steel Siphon Pipe	12 In W Steel Siphon Pipe	LF		X			BA required for reinforcing steel per FMM requirements.
616-21180	18 Inch Welded Steel Siphon Pipe	18 In W Steel Siphon Pipe	LF		X			BA required for reinforcing steel per FMM requirements.
616-21240	24 Inch Welded Steel Siphon Pipe	24 In W Steel Siphon Pipe	LF		X			BA required for reinforcing steel per FMM requirements.
616-22843	84 Inch Steel Siphon Pipe (Install Only)	Inst 84 In Steel Siphon Pipe	LF	X				Installation of siphon pipe
616-22845	84 Inch Steel Siphon Pipe (Furnish Only)	Furn 84 In Steel Siphon Pipe	LF		X			BA required for steel per FMM requirements.
616-23180	18 Inch Plastic Siphon Pipe	18 In Plastic Siphon Pipe	LF				X	BABA - Plastic/Polymer based product
616-23240	24 Inch Plastic Siphon Pipe	24 In Plastic Siphon Pipe	LF				X	BABA - Plastic/Polymer based product
616-29180	18 Inch Culvert Siphon Pipe	18 In Culvert Siphon Pipe	LF		X		X	BA required for iron / steel per FMM requirements. BABA - plastic/polymer based product or other construction products
616-30012	12 Inch Trash Guard	12 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel

616-30015	15 Inch Trash Guard	15 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30018	18 Inch Trash Guard	18 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30021	21 Inch Trash Guard	21 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30024	24 Inch Trash Guard	24 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30030	30 Inch Trash Guard	30 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30036	36 Inch Trash Guard	36 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30042	42 Inch Trash Guard	42 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30048	48 Inch Trash Guard	48 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30054	54 Inch Trash Guard	54 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel

								BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30060	60 Inch Trash Guard	60 In Trash Guard	EACH		X		X	
616-30066	66 Inch Trash Guard	66 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30078	78 Inch Trash Guard	78 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30118	22x13 Inch Trash Guard	22x13 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30121	25x16 Inch Trash Guard	25x16 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30124	29x18 Inch Trash Guard	29x18 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30130	36x22 Inch Trash Guard	36x22 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30136	43x27 Inch Trash Guard	43x27 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30142	50x31 Inch Trash Guard	50x31 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel

616-30148	58x36 Inch Trash Guard	58x36 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30154	65x40 Inch Trash Guard	65x40 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30160	72x44 Inch Trash Guard	72x44 In Trash Guard	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-30499	Trash Guard Special	Trash Guard Spec	EACH		X		X	BA required if consists of iron and steel per FMM requirements BABA required if consists of plastic, rubber, or a metal other than iron or steel
616-50024	3 Inch Valve and Valve Box	3 In Valve and Box	EACH				X	BABA - Plastic/Polymer based product
616-50032	4 Inch Valve and Valve Box	4 In Valve and Box	EACH				X	BABA - Plastic/Polymer based product
616-50048	6 Inch Valve and Valve Box	6 In Valve and Box	EACH				X	BABA - Plastic/Polymer based product
616-50064	8 Inch Valve and Valve Box	8 In Valve and Box	EACH				X	BABA - Plastic/Polymer based product
616-50128	16 Inch Valve and Valve Box	16 In Valve and Box	EACH				X	BABA - Plastic/Polymer based product
616-76193	24 Inch Butterfly Valve (Install Only)	Inst 24 In Btrfly Valve	EACH	X				Installation of butterfly valve
618-00000	Prestressing Steel Bar	Prestress Steel Bar	LB	X				Labor / personal time - testing
618-00001	Prestressing Steel Strand	Prestress Steel Strand	LB	X				Labor / personal time - testing
618-00002	Prestressing Steel Strand	Prestress Steel Strand	MKFT	X				Labor / personal time - testing
618-00003	Prestressing Steel	Prestress Steel	MKFT	X				Labor / personal time - testing
618-00005	Prestressing Steel Bar	Prestress Steel Bar	MKFT	X				Labor / personal time - testing
618-00007	Grout (Strand)(Duct)	Grout (Strand)(Duct)	CF	X				No BABA - concrete, cement, grout, and asphalt are exempt
618-00142	Prestressed Concrete I (BT42)	Prestress Conc I (BT42)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-00154	Prestressed Concrete I (BT54)	Prestress Conc I (BT54)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-00163	Prestressed Concrete I (BT63)	Prestress Conc I (BT63)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.

								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-00172	Prestressed Concrete I (BT72)	Prestress Conc I (BT72)	LF		X			
618-00173	Prestressed Concrete I (BT 72) (Install Only)	Prestress Conc I (BT 72) (Install Only)	SY					Installation
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-00184	Prestressed Concrete I (BT84)	Prestress Conc I (BT84)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-00510	Prestressed Concrete I (Special)	Prestress Conc I (Spec)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01137	Prestressed Concrete I (CBT 37.5)	Prestress Concrete I (CBT 37.5)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01145	Prestressed Concrete I (CBT45)	Prestress Conc I (CBT45)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01150	Prestressed Concrete I (Special)(South Gap Project - BT50)	Prestress Conc I (Spec)(S.Gap Proj BT50)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01154	Prestressed Concrete I (CBT54)	Prestress Conc I (CBT54)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01158	Prestressed Concrete I (Special)(South Gap Project - BT58)	Prestress Conc I (Spec)(S.Gap Proj BT58)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01163	Prestressed Concrete I (CBT63)	Prestress Conc I (CBT63)	LF		X			
								No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01166	Prestressed Concrete I (Special)(South Gap Project - BT66)	Prestress Conc I (Spec)(S.Gap Proj BT66)	LF		X			

618-01172	Prestressed Concrete I (CBT72)	Prestress Conc I (CBT72)	LF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01190	Prestressed Concrete I (CBT90)	Prestress Conc I (CBT90)	LF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01992	Prestressed Concrete Box (Depth Less Than 32 Inches)	Prestress Conc Box (Depth Less Than 32")	SF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01994	Prestressed Concrete Box (Depth 32" Through 48")	Prestress Conc Box (Depth 32" Thru 48")	SF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01995	Prestressed Concrete Box (Depth 32 Inch Through 48 Inch)	Prestress Conc Box (32" - 48")	EACH		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01996	Prestressed Concrete Box (Depth Greater Than 48 Inches)	Prestress Conc Box (Depth Gr Than 48")	SF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01998	Prestressed Concrete Box (Special)	Prestress Conc Box (Spec)	SF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-01999	Prestressed Concrete Box (Special)	Prestress Conc Box (Spec)	EACH		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-05001	Place Prestressed Concrete Unit	Place Prestress Conc Unit	EACH		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-05010	Reset Prestressed Concrete Unit	Reset Prestress Conc Unit	EACH		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-05025	Prestressed Concrete Unit (Special)	Prestress Conc Unit (Spec)	SF		X		No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.

618-05030	Prestressed Concrete Unit (Special)	Prestress Conc Unit (Spec)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-05035	Prestressed Concrete Unit (Special)	Prestress Conc Unit (Spec)	CF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-06032	Prestressed Concrete Slab (Depth Less Than 6 Inches)	Prestress Conc Slab (Depth Less Than 6")	SF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-06034	Prestressed Concrete Slab (Depth 6" Through 13")	Prestress Conc Slab (Depth 6" Thru 13")	SF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-06036	Prestressed Concrete Slab (Depth Greater Than 13 Inches)	Prestress Conc Slab (Depth Gr Than 13")	SF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-08900	Ground Anchor	Ground Anchor	LF		X	X	X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material No BABA required if a manufactured product, BA still applies
618-09000	Post-Tensioning Bench Test	Post-Ten Bench Test	EACH	X				Labor, personnel/equipment time
618-09010	Post-Tensioning Dynamic Test	Post-Ten Dynamic Test	EACH	X				Labor, personnel/equipment time
618-09015	Modify Post-Tensioning System	Mod Post-Ten Sys	EACH		X	X	X	Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.
618-09020	Prestressing Test	Prestress Test	EACH	X				Labor, personnel/equipment time
618-09030	Performance Test	Performance Test	EACH	X				Labor, personnel/equipment time
618-09040	Anchor Test	Anchor Test	EACH	X				Labor, personnel/equipment time
618-10000	Precast Concrete U Girder (Pre-Tensioned)	Precast Conc U Girder (Pre-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10048	Precast Concrete U Girder (U48)(Pre-Tensioned)	Precast Conc U Girder (U48) (Pre-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.

618-10054	Precast Concrete U Girder (U54)(Pre-Tensioned)	Precast Conc U Girder (U54) (Pre-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10060	Precast Concrete U Girder (U60)(Pre-Tensioned)	Precast Conc U Girder (U60) (Pre-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10066	Precast Concrete U Girder (U66)(Pre-Tensioned)	Precast Conc U Girder (U66) (Pre-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10072	Precast Concrete U Girder (U72)(Pre-Tensioned)	Precast Conc U Girder (U72) (Pre-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10200	Precast Concrete U Girder (Pre-Tensioned and Post-Tensioned)	Precast Conc U Girder (Pre and Post-Ten)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10370	Precast Concrete U Girder (U70)(Curved with Top Slab)	Precast Conc U Girder (U70) (Curved w/TS)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10372	Precast Concrete U Girder (U72)(Curved)	Precast Concrete U Girder (U72)(Curved)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10384	Precast Concrete U Girder (U84)(Curved)	Precast Concrete U Girder (U84)(Curved)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-10396	Precast Concrete U Girder (U96)(Curved)	Precast Concrete U Girder (U96)(Curved)	LF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-11000	Precast Concrete Deck Panel with Post-tensioning (8.5 Inch)	Precast Conc Deck Pnl Post-tens (8.5 In)	SF		X			No BABA – if composed of concrete BA required for reinforcing steel per FMM requirements.
618-11052	Ridestop Building (Temporary)	Ridestop Bldg (Temp)	EACH		X			Temporary building
618-20002	Prestressing (Fiber Reinforced Plastic)	Prestressing (FRP)	MKFT				X	BABA - Plastic/Polymer based product

								<p>Refer to project plans and specifications</p> <p>BA required for any elements composed of iron and steel</p> <p>BABA required for any elements composed of aluminum, plastic or other construction material</p>
618-30000	Move Bridge	Move Bridge	LS	X	X	X	X	
619-00000	Water Meter and Vault	Water Meter and Vault	EACH		X	X	X	<p>Assumption – the water meter may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. (Vault likely plastic or concrete with reinforcing steel)</p> <p>Refer to project plans and specifications concerning the water meter, vault and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
619-00001	Water Meter	Water Meter	EACH			X		No BABA required if a manufactured product, BA still applies for iron/steel per FMM requirements
619-00002	Water Service	Water Service	EACH				X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
619-00003	Water Meter and Vault (Furnish Only)	Furn Water Meter and Vault	EACH		X	X	X	<p>Assumption – the water meter may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. (Vault likely plastic or concrete with reinforcing steel)</p> <p>Refer to project plans and specifications concerning the water meter, vault and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
619-00005	Water Line	Water Line	LS		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

619-00006	Connect to New Waterline	Connect to New Waterline	EACH	X	X	X	X	Refer to project plans and specifications BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
619-00007	Connect To Existing Waterline	Connect To Existing Waterline	EACH	X	X	X	X	Refer to project plans and specifications BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
619-00008	12 Inch Waterline (Fittings)	12 In Waterline (Fittings)	EACH	X	X	X	X	Refer to project plans and specifications BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
619-00010	Water Line (Special)	Water Line (Spec)	LS		X		X	BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-00013	3 Inch Cured-In-Place-Pipe Waterline	3 In CIPP Waterline	LF	X	X		X	No BABA – if composed of concrete BABA – if composed of plastic or any other construction product BA for any iron /steel per FMM requirements .
619-00018	8 Inch Cured-In-Place-Pipe Waterline	8 In CIPP Waterline	LF	X	X		X	No BABA – if composed of concrete BABA – if composed of plastic or any other construction product BA for any iron /steel per FMM requirements .
619-00060	6 Inch Cast Iron Pipe	6 In Cast Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-00080	8 Inch Cast Iron Pipe	8 In Cast Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-06030	3 Inch Ductile Iron Pipe	3 In Duct Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-06040	4 Inch Ductile Iron Pipe	4 In Duct Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-06060	6 Inch Ductile Iron Pipe	6 In Duct Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-06080	8 Inch Ductile Iron Pipe	8 In Duct Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-06090	8 Inch Ductile Iron Pipe (Fittings)	8 In Duct Iron Pipe (Fit)	EACH		X			BA required for iron/steel per FMM requirements.
619-06100	10 Inch Ductile Iron Pipe	10 In Duct Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.
619-06120	12 Inch Ductile Iron Pipe	12 In Duct Iron Pipe	LF		X			BA required for iron/steel per FMM requirements.

619-06125	12-Inch Ductile Iron Pipe (Preinsulated)	12-In Duct Iron Pipe (Preinsul)	LF		X		BA required for iron/steel per FMM requirements.
619-06140	14 Inch Ductile Iron Pipe	14 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06160	16 Inch Ductile Iron Pipe	16 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06161	16 Inch Ductile Iron Pipe (Auger Bored)	16 In Duct Iron Pipe (AB)	LF		X		BA required for iron/steel per FMM requirements.
619-06180	18 Inch Ductile Iron Pipe	18 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06200	20 Inch Ductile Iron Pipe	20 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06210	21 Inch Ductile Iron Pipe	21 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06240	24 Inch Ductile Iron Pipe	24 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06241	24 Inch Ductile Iron Pipe (Fittings)	24 Inch Ductile Iron Pipe (Fittings)	EACH		X		BA required for iron/steel per FMM requirements.
619-06300	30 Inch Ductile Iron Pipe	30 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06360	36 Inch Ductile Iron Pipe	36 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-06440	42 Inch Ductile Iron Pipe (Restrained) (Furnish Only)	42 In Duct Iron Pipe (Restrained) (Furn)	LF		X		BA required for iron/steel per FMM requirements.
619-06441	42 Inch Ductile Iron Pipe (Restrained)(Install Only)	42 Inch Ductile Iron Pipe(Res)(Instl)	LF	X			Installation of pipe
619-06450	42 Inch Ductile Iron Pipe (Non Restrained) (Furnish Only)	42 In Duct Iron Pipe (NonRstrain) (Furn)	LF		X		BA required for iron/steel per FMM requirements.
619-06451	42 Inch Ductile Iron Pipe (Non-Restrained)(Install Only)	42 In Ductile Iron Pipe(Non-Res)(Instl)	LF	X			Installation of pipe
619-07080	Place 8 Inch Ductile Iron Pipe	Place 8 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-07120	Place 12 Inch Ductile Iron Pipe	Place 12 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-07160	Place 16 Inch Ductile Iron Pipe	Place 16 In Duct Iron Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10000	Temporary Water Line	Temp Water Line	LF		X		BA required for iron/steel per FMM requirements.
619-10027	2 Inch Welded Steel Pipe (Jacked)	2 In Weld Steel Pipe (J)	LF	X			No material permanently installed
619-10040	4 Inch Welded Steel Pipe	4 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10047	4 Inch Welded Steel Pipe (Jacked)	4 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10060	6 Inch Welded Steel Pipe	6 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10067	6 Inch Welded Steel Pipe (Jacked)	6 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10080	8 Inch Welded Steel Pipe	8 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10081	Welded Steel Pipe (8 Inch) (Install Only)	Weld Steel Pipe (8 In) (Inst Only)	LF	X			Installation of pipe
619-10100	10 Inch Welded Steel Pipe	10 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10120	12 Inch Welded Steel Pipe	12 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10127	12 Inch Welded Steel Pipe (Jacked)	12 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10140	14 Inch Welded Steel Pipe	14 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10160	16 Inch Welded Steel Pipe	16 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10161	16 Inch Welded Steel Pipe (Install Only)	Inst 16 In Weld Steel Pipe	LF	X			No material permanently installed
619-10167	16 Inch Welded Steel Pipe (Jacked)	16 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10180	18 Inch Welded Steel Pipe	18 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10187	18 Inch Welded Steel Pipe (Jacked)	18 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10200	20 Inch Welded Steel Pipe	20 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10201	20 Inch Welded Steel Pipe (Special)	20 In Welded Steel Pipe (Spec.)	LF		X		BA required for iron/steel per FMM requirements.
619-10207	20 Inch Welded Steel Pipe (Jacked)	20 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10220	22 Inch Welded Steel Pipe	22 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.

619-10227	22 Inch Welded Steel Pipe (Jacked)	22 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10240	24 Inch Welded Steel Pipe	24 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10241	24 Inch Welded Steel Pipe (Install Only)	24 In Weld Steel Pipe (IO)	EACH	X			No material permanently installed
619-10247	24 Inch Welded Steel Pipe (Jacked)	24 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10270	27 Inch Welded Steel Pipe	27 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10277	27 Inch Welded Steel Pipe (Jacked)	27 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10300	30 Inch Welded Steel Pipe	30 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10307	30 Inch Welded Steel Pipe (Jacked)	30 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10310	32 Inch Welded Steel Pipe	32 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10360	36 Inch Welded Steel Pipe	36 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10367	36 Inch Welded Steel Pipe (Jacked)	36 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10368	36 Inch Welded Steel Pipe (Jacked) (Install Only)	36 In Weld Steel Pipe (J) (IO)	LF	X			No material permanently installed
619-10420	42 Inch Welded Steel Pipe	42 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10423	42 Inch Welded Steel Pipe (Slip Lined)	42 In Weld Steel Pipe (S L)	LF		X		BA required for iron/steel per FMM requirements.
619-10425	42 Inch Welded Steel Pipe (Special)	42 In Weld Steel Pipe (Spec)	LF		X		BA required for iron/steel per FMM requirements.
619-10427	42 Inch Welded Steel Pipe (Jacked)	42 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10480	48 Inch Welded Steel Pipe	48 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10481	48 Inch Welded Steel Pipe (Install Only)	Inst 48 In Weld Steel Pipe	LF	X			No material permanently installed
619-10487	48 Inch Welded Steel Pipe (Jacked)	48 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10545	54 Inch Welded Steel Pipe (Special)	54 In Weld Steel Pipe (Spec)	LF		X		BA required for iron/steel per FMM requirements.
619-10547	54 Inch Welded Steel Pipe (Jacked)	54 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10600	60 Inch Welded Steel Pipe	60 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10607	60 Inch Welded Steel Pipe (Jacked)	60 In Wed Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10640	64 Inch Welded Steel Pipe	64 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10660	66 Inch Welded Steel Pipe	66 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10665	66 Inch Welded Steel Pipe (Jacked)	66 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10720	72 Inch Welded Steel Pipe	72 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-10721	72 Inch Welded Steel Pipe (Install Only)	72 In Weld Steel Pipe (IO)	L S	X			No material permanently installed
619-10727	72 Inch Welded Steel Pipe (Jacked)	72 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10728	72 Inch Welded Steel Pipe (Jacked) (Install Only)	72 In Weld Steel Pipe (J) (IO)	LF	X			No material permanently installed
619-10730	78 Inch Welded Steel Pipe (Jacked) (Install Only)	78 In Weld Steel Pipe (J) (IO)	LF	X			No material permanently installed
619-10847	84 Inch Welded Steel Pipe (Jacked)	84 In Weld Steel Pipe (J)	LF		X		BA required for iron/steel per FMM requirements.
619-10900	90 Inch Welded Steel Pipe	90 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-11085	108 Inch Welded Steel Pipe (Special)	108 In Weld Steel Pipe (Spec)	LF		X		BA required for iron/steel per FMM requirements.
619-11240	Place 24 Inch Welded Steel Pipe	Place 24 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
619-11300	Place 30 Inch Welded Steel Pipe	Place 30 In Weld Steel Pipe	LF		X		BA required for iron/steel per FMM requirements.
							BA required for reinforcing iron/steel per FMM requirements.
619-12040	4 Inch Water Well Pipe	4 In Water Well Pipe	LF		X	X	BABA required if composed of aluminum, plastic/polymer, or other construction material
							BA required for reinforcing iron/steel per FMM requirements.
619-21360	36 Inch Water Transmission Line	36 In Water Trans Line	LF		X	X	BABA required if composed of aluminum, plastic/polymer, or other construction material

619-30000	60 Inch Internal Joint Seals	60 In Internal Joint Seals	EACH				X	BABA - plastic/polymer based product
619-30060	3/4 Inch Galvanized Pipe	3/4 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30080	1 Inch Galvanized Pipe	1 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30100	1-1/4 Inch Galvanized Pipe	1-1/4 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30120	1-1/2 Inch Galvanized Pipe	1-1/2 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30160	2 Inch Galvanized Pipe	2 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30240	3 Inch Galvanized Pipe	3 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30320	4 Inch Galvanized Pipe	4 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30480	6 Inch Galvanized Pipe	6 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30482	1-1/4 Inch Black Steel Pipe	1-1/4 In Blk Steel Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30485	6 Inch Black Steel Pipe	6 In Blk Steel Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30640	8 Inch Galvanized Pipe	8 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-30800	10 Inch Galvanized Pipe	10 In Galv Pipe	LF			X		BA required for iron/steel per FMM requirements.
619-40060	3/4 Inch Copper Pipe	3/4 In Copper Pipe	LF				X	BABA - copper product
619-40065	3/4 Inch Copper Pipe (Furnish Only)	Furn 3/4 In Copper Pipe	LF				X	BABA - copper product
619-40080	1 Inch Copper Pipe	1 In Copper Pipe	LF				X	BABA - copper product
619-40100	1-1/4 Inch Copper Pipe	1-1/4 In Copper Pipe	LF				X	BABA - copper product
619-40120	1-1/2 Inch Copper Pipe	1-1/2 In Copper Pipe	LF				X	BABA - copper product
619-40160	2 Inch Copper Pipe	2 In Copper Pipe	LF				X	BABA - copper product
619-40200	2-1/2 Inch Copper Pipe	2-1/2 In Copper Pipe	LF				X	BABA - copper product
619-40240	3 Inch Copper Pipe	3 In Copper Pipe	LF				X	BABA - copper product
619-50040	1/2 Inch Plastic Pipe	1/2 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50060	3/4 Inch Plastic Pipe	3/4 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50061	3/4 Inch Plastic Pipe (Install Only)	Inst 3/4 In Plastic Pipe	LF	X				Installation of plastic pipe
619-50080	1 Inch Plastic Pipe	1 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50100	1-1/4 Inch Plastic Pipe	1-1/4 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50120	1-1/2 Inch Plastic Pipe	1-1/2 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50160	2 Inch Plastic Pipe	2 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50200	2-1/2 Inch Plastic Pipe	2-1/2 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50235	3 Inch Plastic Pipe (Special)	3 In Plastic Pipe (Spec)	LF				X	BABA - plastic/polymer based product
619-50240	3 Inch Plastic Pipe	3 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50320	4 Inch Plastic Pipe	4 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50321	4 Inch Plastic Pipe (Install Only)	Inst 4 In Plastic Pipe	LF	X				Installation of plastic pipe
619-50325	4 Inch Plastic Pipe (Special)	4 In Plastic Pipe (Spec)	LF				X	BABA - plastic/polymer based product
619-50480	6 Inch Plastic Pipe	6 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50481	6 Inch Plastic Pipe (Install Only)	Inst 6 In Plastic Pipe	LF	X				Installation of plastic pipe
619-50482	6 Inch Plastic Pipe (Special)	6 In Plastic Pipe (Spec)	LF				X	BABA - plastic/polymer based product
619-50640	8 Inch Plastic Pipe	8 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50641	8 Inch Plastic Pipe (Install Only)	Inst 8 In Plastic Pipe	LF	X				Installation of plastic pipe
619-50800	10 Inch Plastic Pipe	10 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50801	10 Inch Plastic Pipe (Special)	10 In Plastic Pipe (Spec)	LF				X	BABA - plastic/polymer based product
619-50960	12 Inch Plastic Pipe	12 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-50961	12 Inch Plastic Pipe (Install Only)	Inst 12 In Plastic Pipe	LF	X				Installation of plastic pipe
619-50962	12 Inch Plastic Pipe (Fusible)	12 In Plastic Pipe (Fusible)	LF				X	BABA - plastic/polymer based product
619-51100	14 Inch Plastic Pipe	14 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-51200	15 Inch Plastic Pipe	15 In Plastic Pipe	LF				X	BABA - plastic/polymer based product

619-51280	16 Inch Plastic Pipe	16 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-51290	18 Inch Plastic Pipe	18 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-51291	18 Inch Plastic Pipe (Install Only)	Inst 18 In Plastic Pipe	LF	X				Installation of plastic pipe
619-51300	20 Inch Plastic Pipe	20 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-51320	24 Inch Plastic Pipe	24 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
619-51330	27 Inch Plastic Pipe	27 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
								BA required for iron / steel per FMM requirements.
								BABA required if composed of aluminum, plastic/polymer, or other construction material
619-62480	6 Inch Water Supply Pipe	6 In Water Sup Pipe	LF		X		X	
619-71000	Place Valve	Place Valve	EACH	X				Labor, personnel/equipment time
								Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.
								BA required for any of iron and steel per FMM requirements
								BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-71508	1 Inch Air and Vacuum Valve	1 In Air and Vacuum Valve	EACH		X	X	X	
								Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.
								BA required for any of iron and steel per FMM requirements
								BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-71516	2 Inch Air and Vacuum Valve	2 In Air and Vacuum Valve	EACH		X	X	X	
								Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.
								BA required for any of iron and steel per FMM requirements
								BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-71524	3 Inch Air and Vacuum Valve	3 In Air and Vacuum Valve	EACH		X	X	X	

619-71532	4 Inch Air and Vacuum Valve	4 In Air and Vacuum Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-71548	6 Inch Air and Vacuum Valve	6 In Air and Vacuum Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-71596	12 Inch Air and Vacuum Valve	12 In Air and Vacuum Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-71628	16 Inch Air and Vacuum Valve	16 In Air and Vacuum Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-72000	Guard Valve with Megalugs	Guard Valve with Megalugs	EACH		X			<p>BA required for any of iron and steel per FMM requirements</p>

619-72024	3 Inch Pressure Reducing Valve	3 In Press Reducing Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-72048	6 Inch Pressure Reducing Valve	6 In Press Reducing Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-72644	18 Inch Pressure Regulating Valve	18 In Press Regulating Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-73000	PRV Vault	PRV Vault	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
619-73008	1 Inch Blow Off	1 In Blow Off	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the blow off and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>

619-73016	2 Inch Blow Off	2 In Blow Off	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the blow off and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-73032	4 Inch Blow Off	4 In Blow Off	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the blow off and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-73048	6 Inch Tangential Blow Off	6 In Tangent Blow Off	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the blow off and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-73050	6 Inch Blow Off Valve and Vault	6 In Blow Off and Vault	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and vault and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>

								<p>Assumption – this may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel per FMM requirements</p> <p>Refer to project plans and specifications concerning the manhole assembly and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
619-73051	6 Inch Air Valve Access Manhole Assembly	6 In Air Val Accs MH Assm	EACH	X	X	X	X	
619-73064	8 Inch Tangential Blow Off	8 In Tangent Blow Off	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the blow off and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-75000	Cast Iron Valve Box	Cast Iron Valve Box	EACH		X			BA required for any of iron and steel per FMM requirements
619-75003	1/2 Inch Relief Valve	1/2 In Relief Valve	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
619-75004	1/2 Inch Gate Valve	1/2 In Gate Valve	EACH		X		X	<p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>

619-75008	1 Inch Gate Valve	1 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75012	1-1/2 Inch Gate Valve	1-1/2 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75016	2 Inch Gate Valve	2 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75020	2-1/2 Inch Gate Valve	2-1/2 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75024	3 Inch Gate Valve	3 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75032	4 Inch Gate Valve	4 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75048	6 Inch Gate Valve	6 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)

								BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75064	8 Inch Gate Valve	8 In Gate Valve	EACH		X		X	
619-75080	10 Inch Gate Valve	10 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75096	12 Inch Gate Valve	12 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75100	12-Inch Valve Insertion	12-In Valve Insertion	EACH		X	X	X	Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve insertion and other components. BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75112	14 Inch Gate Valve	14 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75116	16 Inch Gate Valve	16 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75160	20 Inch Gate Valve	20 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-75161	20 Inch Gate Valve (Install Only)	Inst 20 In Gate Valve	EACH	X				Installation of valve

619-75192	24 Inch Gate Valve	24 In Gate Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-76096	12 Inch Eccentric Plug Valve	12 In Eccentric Plug Valve	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
619-76120	12 Inch Butterfly Valve	12 In Btrfly Valve	EACH		X	X	X	Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-76124	14 Inch Butterfly Valve	14 In Btrfly Valve	EACH		X	X	X	Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-76128	16 Inch Butterfly Valve	16 In Btrfly Valve	EACH		X	X	X	Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-76129	16 Inch Butterfly Valve (Install Only)	Inst 16 In Btrfly Valve	EACH	X				Installation of valve
619-76144	18 Inch Butterfly Valve	18 In Btrfly Valve	EACH		X	X	X	Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material

619-76160	20 Inch Butterfly Valve	20 In Btrfly Valve	EACH		X	X	X	<p>Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
619-76192	24 Inch Butterfly Valve	24 In Btrfly Valve	EACH		X	X	X	<p>Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
619-76193	24 Inch Butterfly Valve	Inst 24 In Btrfly Valve	EACH		X	X	X	<p>Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
619-76240	30 Inch Butterfly Valve	30 In Btrfly Valve	EACH		X	X	X	<p>Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
619-76241	30 Inch Butterfly Valve (Install Only)	Inst 30 In Btrfly Valve	EACH	X				Installation of valve
619-76288	36 Inch Butterfly Valve	36 In Btrfly Valve	EACH		X	X	X	<p>Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

								Most likely a manufactured product if lining is composed of rubber/polymer. Refer to project plans and specifications concerning the valve and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-76384	48 Inch Butterfly Valve	48 In Btrfly Valve	EACH		X	X	X	
619-76932	4 Inch Ball Valve	4 In Ball Valve	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-77064	8 Inch Check Valve	8 In Check Valve	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-77100	24 Inch x 30 Inch Ductile Iron Pipe Reducer	24 In x 30 In DIP Reducer	EACH		X			BA required for iron / steel per FMM requirements.
619-77200	8 Inch Restrained Plug	8 In Restrained Plug	EACH		X			BA required for iron / steel per FMM requirements.
619-77206	6-Inch Restrained Coupling Adapter	6-In Restrained Coupling Adapter	EACH		X			BA required for iron / steel per FMM requirements.
619-77208	8-Inch Restrained Coupling Adapter	8-In Restrained Coupling Adapter	EACH		X			BA required for iron / steel per FMM requirements.
619-77210	Restrained Plug (Special)	Restrained Plug (Spec)	EACH		X			BA required for iron / steel per FMM requirements.
619-77212	12-Inch Restrained Coupling Adapter	12-In Restrained Coupling Adapter	EACH		X			BA required for iron / steel per FMM requirements.
619-77216	16-Inch Restrained Coupling Adapter	16-In Restrained Coupling Adapter	EACH		X			BA required for iron / steel per FMM requirements.
619-77300	Corporation Stop	Corporation Stop	EACH					BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-77400	Curb Stop and Box	Curb Stop and Box	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
619-78005	Concrete Pad with Fire Department Connection	Conc Pad w/Fire Dept Connect	LS		X	X	X	Refer to project plans and specifications concerning the fire department connection and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt
619-78034	4-1/4 Inch Fire Hydrant	4-1/4 In Fire Hydrant	EACH		X			BA required for reinforcing iron / steel per FMM requirements.

619-78036	4-1/2 Inch Fire Hydrant	4-1/2 In Fire Hydrant	EACH		X			BA required for reinforcing iron / steel per FMM requirements.
619-78042	5-1/4 Inch Fire Hydrant	5-1/4 In Fire Hydrant	EACH		X			BA required for reinforcing iron / steel per FMM requirements.
619-78048	6 Inch Fire Hydrant	6 In Fire Hydrant	EACH		X			BA required for reinforcing iron / steel per FMM requirements.
619-78049	6 Inch Fire Hydrant (Install Only)	Inst 6 In Fire Hydrant	EACH	X				Installation of fire hydrant
								Most likely a manufactured product. Refer to project plans and specifications concerning the expansion device and other components.
								BA required for iron / steel per FMM requirements.
619-79064	8 Inch Expansion Joint (Single Slip)	8 In Expan Joint (S Slip)	EACH		X	X	X	BABA required if composed only of aluminum, plastic/polymer, or other construction material
								Most likely a manufactured product. Refer to project plans and specifications concerning the expansion device and other components.
								BA required for iron / steel per FMM requirements.
								BABA required if composed only of aluminum, plastic/polymer, or other construction material
619-79065	8 Inch Expansion Joint (Double Slip)	8 In Expan Joint (D Slip)	EACH		X	X	X	
								Most likely a manufactured product. Refer to project plans and specifications concerning the expansion device and other components.
								BA required for iron / steel per FMM requirements.
								BABA required if composed only of aluminum, plastic/polymer, or other construction material
619-79070	12 Inch Expansion Joint (Single Slip)	12 In Expan Joint (S Slip)	EACH		X	X	X	
								Assumption – This may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used.
								Refer to project plans and specifications concerning the cathodic protection and other components.
								BA required for iron / steel per FMM requirements.
								BABA required if composed of aluminum, plastic/polymer/resin or other construction material
619-80000	Cathodic Protection	Cathodic Protection	LS		X	X	X	

								Assumption – This may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the cathodic protection and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
619-80005	Cathodic Protection (Special)	Cathodic Protection (Spec)	LS		X	X	X	
620-00001	Field Office (Class 1)	Field Office (CL 1)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00002	Field Office (Class 2)	Field Office (CL 2)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00005	Field Office (Special)	Field Office (Spec)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00009	Field Office (State Furnished)	Field Office (State Furn)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00011	Field Laboratory (Class 1)	Field Lab (CL 1)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00012	Field Laboratory (Class 2)	Field Lab (CL 2)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00013	Field Laboratory (Class 3)	Field Lab (CL 3)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00014	Field Laboratory (Special)	Field Lab (Spec)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00015	Field Laboratory (State Furnished)	Field Lab (State Furn)	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00018	Field Office and Laboratory Facility	Field Office + Lab Facil	LS		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00020	Sanitary Facility	Sanitary Facility	EACH		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00035	Sand Storage Facility	Sand Storage Facility	LS		X			Most likely a manufactured product which does not require BABA, BA required for iron / steel per FMM requirements.
620-00040	Liquidated Damages	Liquidated Damages	DOL	X				N/A
620-00045	Liquidated Damages	Liquidated Damages	DAY	X				N/A

								Refer to project plans and specifications concerning the railroad crossover and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
621-00115	No.10 Railroad Crossover (Ballasted) (CIP)	No.10 RR Crossover (Ballasted) (CIP)	EACH		X	X	X	
621-00120	No.10 Railroad Turnout (Ballasted) (CIP)	No.10 RR Turnout (Ballasted) (CIP)	EACH		X	X	X	Refer to project plans and specifications concerning the railroad crossover and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
621-00200	Haul Road	Haul Road	LS	X				No material permanently installed
621-00202	Haul Road (Special)	Haul Road (Spec)	SY	X				No material permanently installed
621-00300	Haul Road Bridge	Haul Road Brdg	EACH	X				No material permanently installed
621-00400	Detour Bridge	Detour Brdg	EACH	X				No material permanently installed
621-00411	Structure Temporary Access Road (Location 1)	Str Temp Acc Rd (Loc 1)	LS	X				No material permanently installed
621-00412	Structure Temporary Access Road (Location 2)	Str Temp Acc Rd (Loc 2)	LS	X				No material permanently installed
621-00425	Detour	Detour	LS	X				No material permanently installed
621-00430	Detour	Detour	SY	X				No material permanently installed
621-00450	Detour Pavement	Detour Pvmt	SY	X				No material permanently installed
621-00451	Detour Pavement	Detour Pavement	TON	X				No material permanently installed
621-00475	Maintenance of Detours	Maint of Detours	LS	X				Labor, personnel/equipment time
621-00500	Temporary Bridge	Temp Brdg	LS	X				No material permanently installed
621-00510	Temporary Bridge	Temp Bridge	SF	X				No material permanently installed
621-00520	Temporary Abutment	Temp Abutment	LS	X				No material permanently installed
621-00530	Overhead Contact System (OCS) Temporary Protective Structure	OCS Temp Protect Str	LF	X				No material permanently installed
621-00600	Pedestrian Overpass	Ped Overpass	LS		X	X	X	Refer to project plans and specifications concerning the pedestrian overpass and other components. BA required for ron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material

621-00650	Pedestrian Stair Structure	Ped Stair Str	LS		X	X	X	Refer to project plans and specifications concerning the pedestrian stair structure and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
621-00675	Pedestrian Shed Assembly	Ped Shed Assembly	EACH		X	X	X	Refer to project plans and specifications concerning the pedestrian shed assembly and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
621-00700	Pedestrian Pathway	Ped Pathway	LS	X	X	X	X	Refer to project plans and specifications concerning the pedestrian pathway module and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt
621-00800	Temporary Straddle Bent	Temp Straddle Bent	EACH	X				No material permanently installed
622-00000	Sewage Pumping	Sewage Pumping	EACH	X				Labor, personnel/equipment time
622-00010	Bicycle Rack	Bicycle Rack	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum or another construction product
622-00011	Bicycle Locker	Bicycle Locker	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum or another construction product
622-00020	Motorcycle Rack	Motorcycle Rack	EACH		X		X	BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum or another construction product

622-00023	Glyphs	Glyphs	EACH				Refer to project plans and specifications concerning the glyphs and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt
622-00024	Entry Sign	Entry Sign	EACH		X		BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
622-00025	Information Sign Board	Info Sign Board	EACH		X		BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
622-00026	Information Sign Board (Install Only)	Inst Info Sign Board	EACH	X			Installation of sign board
622-00027	Information Sign Board (Furnish Only)	Info Sign Board (Furnish Only)	EACH		X		BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
622-00031	Information Sign Board (Special) (Install Only)	Inst Info Sign Board (Spec)	EACH	X			Installation of sign board
622-00042	Historical Sign Structure (2 Panel)	Historic Sign Str (2 Panel)	EACH		X		BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
622-00044	Historical Sign Structure (4 Panel)	Historic Sign Str (4 Panel)	EACH		X		BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)
622-00046	Historical Sign Structure (4 Panel) (Tee)	Historic Sign Str (4 Panel) (Tee)	EACH		X		BA required for any of iron and steel per FMM requirements BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)

								<p>Assumption – This may be a multiple component systems, thus a manufactured product, BA is required if any iron or steel per FMM requirements</p> <p>Refer to project plans and specifications concerning the information system and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00050	Information Center	Info Center	EACH		X	X	X	
622-00060	Sign Panel (Original) (Type A) (Furnish Only)	Furn Sign Panel (Orig) (Ty A)	EACH		X		X	<p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)</p>
622-00062	Sign Panel (Original) (Type B) (Furnish Only)	Furn Sign Panel (Orig) (Ty B)	EACH		X		X	<p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)</p>
622-00064	Sign Panel (Copy) (Furnish Only)	Furn Sign Panel (Copy)	EACH		X		X	<p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)</p>
622-00066	Sign Panel (Install Only)	Inst Sign Panel	EACH	X				Installation of sign panel
622-00096	Shelter (Install Only)	Shelter (Install Only)	EACH	X				Installation shelter
622-00100	Shade Shelter	Shade Shelter	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, thus a shelter shade, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the shade shelter and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

622-00101	Shade Shelter Double	Shade Shelter Double	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, thus a shelter shade, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the shade shelter and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00150	Planter Box	Planter Box	EACH		X	X	X	<p>Refer to project plans and specifications concerning the planter box and other components.</p> <p>No BABA – manufactured product, BA still required</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
622-00155	Planter Box (Special)	Planter Box (Spec)	EACH		X	X	X	<p>Refer to project plans and specifications concerning the planter box and other components.</p> <p>No BABA – manufactured product, BA still required</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
622-00160	Concrete Planter Box Base (Colored)	Conc Planter Box Base (Col)	EACH		X			<p>BA required for reinforcing iron / steel per FMM requirements.</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-00200	Table	Table	EACH		X	X	X	<p>Refer to project plans and specifications concerning the table and other components.</p> <p>No BABA – manufactured product, BA for iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
622-00201	Table (Install Only)	Inst Table	EACH	X				Installation of table\

								Refer to project plans and specifications concerning the bench and other components. No BABA – manufactured product, BA for iron and steel per FMM requirements BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
622-00250	Bench	Bench	EACH		X	X	X	
622-00251	Bench (Install Only)	Inst Bench	EACH	X				Installation of bench
								Refer to project plans and specifications concerning the bollard and other components. BA required for reinforcing iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
622-00270	Bollard	Bollard	EACH		X		X	
622-00300	Barbecue Grill	BBQ Grill	EACH		X			BA required for iron / steel per FMM requirements.
622-00301	Barbecue Grill (Install Only)	Inst BBQ Grill	EACH	X				Installation barbecue grill
								Refer to project plans and specifications concerning the trash receptacle and other components. No BABA – manufactured product, BA for iron and steel per FMM requirements BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
622-00350	Trash Receptacle	Trash Receptacle	EACH		X	X	X	
								Refer to project plans and specifications concerning the trash receptacle and other components. No BABA – manufactured product, BA for iron and steel per FMM requirements BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
622-00352	Trash Receptacle (Bear Resistant)(Special)	Trash Receptacle (Bear Resist)(Special)	EACH		X	X	X	

622-00400	Drinking Fountain	Drinking Fountain	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, thus a shelter shade, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the drinking fountain and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00450	Ash Urn	Ash Urn	EACH		X	X	X	<p>Refer to project plans and specifications concerning the ash urn and other components.</p> <p>No BABA – manufactured product, BA for iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
622-00500	Trailer Pad	Trailer Pad	EACH		X			<p>Refer to project plans and specifications concerning the trailer pad and other components.</p> <p>BA required for iron / steel per FMM requirements.</p>
622-00540	Wheel Stop	Wheel Stop	EACH		X	X	X	<p>Refer to project plans and specifications concerning the wheel stop and other components.</p> <p>No BABA – manufactured product, BA for iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
622-00550	Wheel Stop (Concrete)	Wheel Stop (Conc)	EACH	X				No BABA - concrete, cement, grout, and asphalt are exempt
622-00560	Wheel Stop (Timber)	Wheel Stop (Timber)	EACH				X	BABA - wood product
622-00600	Pump Pit	Pump Pit	EACH		X		X	<p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum (FHWA classifies paint or adhesive as incidental items)</p>

622-00606	6 Inch Pump	6 In Pump	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, thus a shelter shade, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the pump and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00612	12 Inch Pump	12 In Pump	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, thus a shelter shade, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the pump and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00700	Pump House	Pump House	EACH		X	X	X	<p>Refer to project plans and specifications concerning the pump house and other components.</p> <p>No BABA – manufactured product, BA for iron and steel per FMM requirements</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>
622-00705	Guard House	Guard House	LS		X	X	X	<p>Refer to project plans and specifications concerning the guard house and other components.</p> <p>No BABA – manufactured product, BA for iron and steel per FMM requirement</p> <p>BABA required if composed of aluminum, plastic/polymer/resin, or other construction material</p>

622-00710	Well Pump	Well Pump	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, thus a shelter shade, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the pump and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00715	Monitoring Wells	Monitor Wells	LF		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the monitoring wells and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00720	Pump Station	Pump Station	LS		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the pump station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00750	Sewage Lift Station	Sewage Lift Station	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the lift station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

622-00800	Comfort Station	Comfort Station	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00802	Comfort Station (2x2)	Comfort Station (2x2)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00803	Comfort Station (3x3)	Comfort Station (3x3)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00804	Comfort Station (4x4)	Comfort Station (4x4)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

622-00805	Comfort Station (5x5)	Comfort Station (5x5)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00806	Comfort Station (6x6)	Comfort Station (6x6)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00810	Comfort Station (10x10)	Comfort Station (10x10)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00820	Comfort Station Buildings With Utilities	Comfort Station Buildings With Utilities	LS		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the comfort station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00825	Modify Building	Mod Building	LS		X	X	X	<p>Refer to project plans and specifications. Each repair/modification will have different requirements and products depending on the repair work needed.</p>

622-00826	Ceramic Tile & Grout	Ceramic Tile & Grout	SF	X				No BABA - grout and masonry are exempt Assumption – This may be a multiple component system, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the building and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-00830	Remodel Building (Brick)	Remodel Building (Brick)	EACH		X	X	X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
622-00835	Remodel Building (Metal)	Remodel Building (Metal)	EACH		X		X	Assumption – This may be a multiple component system, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the garage door and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-00840	Garage Door (Furnish Only)	Garage Door (Furnish Only)	EACH		X	X	X	Assumption – This may be a multiple component system, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the garage door and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-00841	Garage Door (Install Only)	Garage Door (Install Only)	EACH	X				Assumption – This may be a multiple component system, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the garage door and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-00842	Garage Door - Fire Rated (Furnish Only)	Grge Door - Fire Rated (Furn Only)	EACH		X	X	X	Assumption – This may be a multiple component system, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the garage door and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-00843	Garage Door - Fire Rated (Install Only)	Grge Door - Fire Rated (Instl Only)	EACH	X				Installation of garage door

622-00850	Trailer Sanitary Station	Trailer Sani Station	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sanitary station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00860	Trailer Sanitary Station (Dry Vault)	Trailer Sani Station (Dry Vlt)	EACH		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sanitary station and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00870	Sewage Receiving Facility	Sewage Receiving Facil	LS		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the receiving facility and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-00900	Control Building	Control Building	LS		X	X	X	<p>Assumption – This may be a multiple component system, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the control building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-01000	Leaching Field	Leaching Field	SY				X	<p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

622-01010	Leaching Field Distribution System	Leach Field Dist Sys	LS				X	BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-01015	4 Inch Automatic Control Valve	4 In Auto Ctrl Valve	EACH		X	X	X	Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the expansion device and other components. BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
622-01025	Pond Lining	Pond Lining	SY		X	X	X	Refer to project plans and specifications concerning the pond lining and other components. No BABA – manufactured product, BA for iron and steel per FMM requirements BABA required if composed of aluminum, plastic/polymer/resin, or other construction material
622-01050	Septic Tank (500 Gal)	Septic Tank (500 Gal)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt
622-01060	Septic Tank (600 Gal)	Septic Tank (600 Gal)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt
622-01080	Septic Tank (800 Gal)	Septic Tank (800 Gal)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material No BABA required for concrete, cement, grout, and asphalt

622-01100	Septic Tank (1000 Gal)	Septic Tank (1000 Gal)	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01125	Septic Tank (1250 Gal)	Septic Tank (1250 Gal)	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01200	Septic Tank (2000 Gal)	Septic Tank (2000 Gal)	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01250	Septic Tank (2500 Gal)	Septic Tank (2500 Gal)	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01300	Septic Tank (3000 Gal)	Septic Tank (3000 Gal)	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01400	Septic Tank (4000 Gal)	Septic Tank (4000 Gal)	EACH		X			<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>

622-01499	Septic Tank (1500 Gallon)	Septic Tank (1500 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01500	Septic Tank (5000 Gal)	Septic Tank (5000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01550	Septic Tank (5500 Gal)	Septic Tank (5500 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01700	Septic Tank (7000 Gal)	Septic Tank (7000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-01800	Septic Tank (8000 Gal)	Septic Tank (8000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-02200	Septic Tank (22000 Gal)	Septic Tank (22000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>

622-02500	Sewage Holding Tank (5000 Gal)	Sewage Tank (5000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p> <p>No BABA required for concrete, cement, grout, and asphalt</p>
622-03000	Sewage Treatment Plant Building	Sewage Treat Plant Bldg	EACH		X	X	X	<p>Refer to project plans and specifications concerning the building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03010	Clean Existing Treatment Plant	Clean Exist Treat Plant	L S		X	X	X	<p>Refer to project plans and specifications concerning the building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03030	Sewage Treatment Plant (3000 Gal)	Sewage Treat Plant (3000 Gal)	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sewage treatment plant and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03060	Sewage Treatment Plant (6000 Gal)	Sewage Treat Plant (6000 Gal)	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sewage treatment plant and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

622-03080	Sewage Treatment Plant (8000 Gal)	Sewage Treat Plant (8000 Gal)	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sewage treatment plant and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03250	Sewage Treatment Plant (25000 Gal)	Sewage Treat Plant (25000 Gal)	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sewage treatment plant and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03260	Sanitary Sewer Vault	Sani Sewer Vault	LS		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sanitary sewer vault and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03262	Sanitary Vault Restroom (Special)	Sani Vault Restroom (Special)	LS		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the sanitary sewer vault restroom and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the wastewater system vault and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03270	Wastewater System	Waste System	L S		X	X	X	
622-03300	Percolation Test	Percolation Test	EACH	X				Labor, personnel time - testing
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the feed system and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03550	Feed System	Alum Feed System	L S		X	X	X	
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the water filter system and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-03600	Potable Water Filter System	Potable Water Filter System	L S		X	X	X	
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the water treatment plant and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-04000	Water Treatment Plant	Water Treat Plant	L S		X	X	X	
622-04025	Water Supply for Existing Sewage Treatment Plant	Water Sup for Exist Sewage Treat Plant	L S	X				Water is exempt from BABA

								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the water storage facility and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-04035	Water Storage Facility	Water Storage Facility	L S		X	X	X	
622-04100	Cistern (1000 Gal)	Cistern (1000 Gal)	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
622-04200	Cistern (2000 Gal)	Cistern (2000 Gal)	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
622-05150	Storage Tank (1500 Gal)	Storage Tank (1500 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
622-05500	Storage Tank (500 Gal)	Storage Tank (500 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
622-05501	Storage Tank (1000 Gal)	Storage Tank (1000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
622-05503	Storage Tank (3000 Gal)	Storage Tank (3000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
622-05506	Storage Tank (6000 Gal)	Storage Tank (6000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
622-05513	Storage Tank (13000 Gal)	Storage Tank (13000 Gal)	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>

622-05540	Storage Tank (40000 Gal)	Storage Tank (40000 Gal)	EACH		X		X	BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer, or other construction material
622-06000	Spring Box	Spring Box	EACH		X	X	X	Assumption – This may be a multiple component systems, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the spring box and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-06150	Polishing Tank (15000 Gal)	Polishing Tank (15000 Gal)	EACH		X			BA required for iron / steel per FMM requirements.
622-06200	Aeration Pump and Diffuser	Aeration Pump + Diffuser	EACH		X	X		BA required for iron / steel per FMM requirements.
622-06300	Chlorine Contact Basin	Chlorine Contact Basin	EACH		X	X	X	Assumption – This may be a multiple component systems, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the chlorine contact basin and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-07100	Propane Tank (1000 Gal)	Propane Tank (1000 Gal)	EACH		X			BA required for reinforcing iron / steel per FMM requirements.
622-10000	Port of Entry Building	Port of Entry Bldg	EACH		X	X	X	Assumption – This may be a multiple component systems, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the port of entry building and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material

								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the scale pit and scales and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-10090	Scale Pit and Scales	Scale Pit and Scales	EACH		X	X	X	
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the scale pit and approach slabs and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-10100	Scale Pit and Approach Slabs	Scale Pit + Approach Slabs	EACH		X	X	X	
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the scale pit and weigh beam and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-10110	Scale Pit and Weigh Beam	Scale Pit and Weigh Beam	LS		X	X	X	
622-10200	Sump Pump	Sump Pump	EACH		X	X		BA required for iron / steel per FMM requirements.
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the port of entry building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11010	Maintenance Building	Maint Bldg	LS		X	X	X	

								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the entry station building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11020	Entry Station Building	Entry Station Bldg	LS		X	X	X	
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11050	Ridestop Building	Ridestop Bldg	EACH		X	X	X	
622-11052	Ridestop Building (Temporary)	Ridestop Bldg (Temp)	EACH	X				Temporary ridestop building
								<p>No BABA - grout, cement, concrete, and asphalt are exempt from BABA requirements</p> <p>BA required for any of iron and steel per FMM requirements</p>
622-11055	Truck Inspection Pit	Truck Inspect Pit	EACH		X			
								<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11060	Welcome Center Building	Welcome Center Bldg	LS		X	X	X	

622-11080	Parking Structure	Parking Structure	L S		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the parking structure and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11100	Storage Building	Storage Bldg	EACH		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11150	Building Foundation	Bldg Foundation	L S		X			<p>BA required for any of iron and steel per FMM requirements</p> <p>No BABA - Grout, cement, concrete, and asphalt are exempt from BABA requirements</p>
622-11160	Erect Building	Erect Bldg	L S		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the building and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>
622-11170	HVAC	HVA	L S		X	X	X	<p>Assumption – This may be a multiple component systems, BA is required if any iron or steel is used.</p> <p>Refer to project plans and specifications concerning the HVAC and other components.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer/resin or other construction material</p>

								Assumption – This may be a multiple component systems, BA is required if any iron or steel is used. Refer to project plans and specifications concerning the piping systems and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-11180	Building Plumbing Piping Systems	Bldg Plumbing Piping System	L S		X	X	X	
622-20100	Precast Colored Concrete Cap	Prec Col Conc Cap	LF		X			BA required for reinforcing steel per FMM requirements.
								Refer to project plans and specifications concerning the Skateboard protection and other components. BA required for iron / steel per FMM requirements. BABA required if composed of aluminum, plastic/polymer/resin or other construction material
622-20200	Skateboard Protection	Skate Bd Prot	EACH		X	X	X	
								BA required for iron / steel per FMM requirements. BABA required if composed of brass, aluminum, plastic/polymer, or other construction material
623-00050	Hose Swivel	Hose Swivel	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required if composed of brass, aluminum, plastic/polymer, or other construction material
623-00060	Hose Bib	Hose Bib	EACH		X		X	
623-00154	Shrubbery Spray and Flood Irrigator	Shrub Spray + Flood Irrig	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00156	Irrigation Bubbler	Irrig Bubbler	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00162	Drip Emitter Tubing	Drip Emit Tubing	LF				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00163	Multi-Outlet Drip Emitter (w/Access Sleeve)	Multi-Out Drip Emit (w/Sleeve)	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00164	Drip Emitter	Drip Emit	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00165	Emitter Valve Assembly	Emit Valve Assembly	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00166	3/4 Inch Emitter Valve Assembly	3/4 In Emit Valve Assembly	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00168	1 Inch Emitter Valve Assembly	1 In Emit Valve Assembly	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material

623-00184	1/2 Inch Flush Unit	1/2 In Flush Unit	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the flush unit and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
623-00185	1/2 Inch Air Relief Unit	1/2 In Air Relief Unit	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the air relief unit and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
623-00186	3/4 Inch Flush Unit	3/4 In Flush Unit	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the flush unit and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
623-00187	3/4 Inch Air Relief Unit	3/4In Air Relief Unit	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the air relief unit and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
623-00200	Sprinkler Head Protector	Sprinkler Head Protector	EACH		X		X	<p>BA required for iron / steel per FMM requirements.</p> <p>BABA required if composed of aluminum, plastic/polymer, or other construction material</p>
623-00204	Pop-Up Lawn Spray	Pop-Up Lawn Spray	EACH			X		BA required for iron / steel per FMM requirements.
623-00205	4 Inch Pop-Up Spray Sprinkler	4 In Pop-Up Spray Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00206	6 Inch Pop-Up Spray Sprinkler	6 In Pop-Up Spray Spr	EACH			X		BA required for iron / steel per FMM requirements.

623-00212	12 Inch Pop-Up Spray Sprinkler	12 In Pop-Up Spray Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00304	1/2 Inch Pop-Up Rotary Sprinkler	1/2 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00306	3/4 Inch Pop-Up Rotary Sprinkler	3/4 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00308	1 Inch Pop-Up Rotary Sprinkler	1 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00310	1-1/4 Inch Pop-Up Rotary Sprinkler	1-1/4 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00312	1-1/2 Inch Pop-Up Rotary Sprinkler	1-1/2 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00328	3-1/2 Inch Pop-Up Rotary Sprinkler	3-1/2 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00332	4 Inch Pop-Up Rotary Sprinkler	4 In Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00336	6 Inch Pop-Up Rotary Sprinkler	6 Inch Pop-Up Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00404	1/2 Inch Above Ground Rotary Sprinkler	1/2 In Above Grnd Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00406	3/4 Inch Above Ground Rotary Sprinkler	3/4 In Above Grnd Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00408	1 Inch Above Ground Rotary Sprinkler	1 In Above Grnd Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00410	1-1/4 Inch Above Ground Rotary Sprinkler	1-1/4 In Above Grnd Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
623-00412	1-1/2 Inch Above Ground Rotary Sprinkler	1-1/2 In Above Grnd Rotary Spr	EACH			X		BA required for iron / steel per FMM requirements.
								BA required for iron / steel per FMM requirements.
623-00500	Sprinkler Head Protector	Sprinkler Head Protector	EACH		X		X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-00600	1-1/2 Inch Plastic Pipe	1-1/2 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
623-00601	1 Inch Plastic Pipe	1 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
623-00602	2 Inch Plastic Pipe (Irrigation/Sleeve)	2 In Plastic Pipe (Irrig/Sleeve)	LF				X	BABA - plastic/polymer based product
623-00603	3 Inch Plastic Pipe (Irrigation/Sleeve)	3 In Plastic Pipe (Irrig/Sleeve)	LF				X	BABA - plastic/polymer based product
623-00604	4 Inch Plastic Pipe (Irrigation/Sleeve)	4 In Plastic Pipe (Irrig/Sleeve)	LF				X	BABA - plastic/polymer based product
623-00606	6 Inch Plastic Pipe (Irrigation/Sleeve)	6 In Plastic Pipe (Irrig/Sleeve)	LF				X	BABA - plastic/polymer based product
623-00610	10 Inch Plastic Pipe	10 In Plastic Pipe	LF				X	BABA - plastic/polymer based product
623-01506	3/4 Inch Check Valve	3/4 In Check Valve	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material
623-01512	1-1/2 Inch Check Valve	1-1/2 In Check Valve	EACH				X	BABA required if composed of aluminum, plastic/polymer, or other construction material

623-01706	3/4 Inch Backflow Preventer	3/4 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01708	1 Inch Backflow Preventer	1 Inch Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01710	1-1/4 Inch Backflow Preventer	1-1/4 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01712	1-1/2 Inch Backflow Preventer	1-1/2 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01716	2 Inch Backflow Preventer	2 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01720	2-1/2 Inch Backflow Preventer	2-1/2 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01724	3 Inch Backflow Preventer	3 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01732	4 Inch Backflow Preventer	4 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01748	6 Inch Backflow Preventer	6 In Backflow Preventer	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Bell/canopy • Bonnet • O-ring • Spring • Washers and bolts • Retainer • Seat • Disc poppet • Holder disc guide screw • Ball/relief valve • Handle <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01806	3/4 Inch Pressure Reducing Valve	3/4 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01808	1 Inch Pressure Reducing Valve	1 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01810	1-1/4 Inch Pressure Reducing Valve	1-1/4 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01812	1-1/2 Inch Pressure Reducing Valve	1-1/2 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01816	2 Inch Pressure Reducing Valve	2 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01824	3 Inch Pressure Reducing Valve	3 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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623-01832	4 Inch Pressure Reducing Valve	4 In Press Reduc Valve	EACH		X	X	X	<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
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								<p>BA required for the following if composed of iron and steel</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>BABA required for the following if composed of brass, aluminum, rubber or plastic</p> <ul style="list-style-type: none"> • Adjustment Handle • Bellows • Adjustment Spring • Valve Stem • Diaphragm • Valve Plug • Adjustment Ring • Nozzle • Locking Nut • Bonnet • Cap • Body • Seat <p>No BABA required if arrives with two or more materials assembled. BA is required for any individual iron and steel components.</p>
623-01848	6 Inch Pressure Reducing Valve	6 In Press Reduc Valve	EACH		X	X	X	
623-01906	3/4 Inch Strainer	3/4 In Strainer	EACH		X	X	X	<p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-01908	1 Inch Strainer	1 In Strainer	EACH		X	X	X	<p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

623-01910	1-1/4 Inch Strainer	1-1/4 In Strainer	EACH		X	X	X	BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-01912	1-1/2 Inch Strainer	1-1/2 In Strainer	EACH		X	X	X	BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-01916	2 Inch Strainer	2 In Strainer	EACH		X	X	X	BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-01924	3 Inch Strainer	3 In Strainer	EACH		X	X	X	BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-01932	4 Inch Strainer	4 In Strainer	EACH		X	X	X	BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-02004	1/2 Inch Drain Valve	1/2 In Drain Valve	EACH		X	X	X	BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.

623-02006	3/4 Inch Drain Valve	3/4 In Drain Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-02008	1 Inch Drain Valve	1 In Drain Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-02010	1-1/4 Inch Drain Valve	1-1/4 In Drain Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-02012	1-1/2 Inch Drain Valve	1-1/2 In Drain Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-02016	2 Inch Drain Valve	2 In Drain Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

623-02104	1/2 Inch Automatic Drain Valve	1/2 In Auto Drain Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03004	3/4 In Drip Zone Control Valve	3/4 In Drip Zone Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03006	3/4 Inch Manual Control Valve	3/4 In Manual Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03008	1 Inch Manual Control Valve	1 In Manual Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03010	1-1/4 Inch Manual Control Valve	1-1/4 In Manual Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

							<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03012	1-1/2 Inch Manual Control Valve	1-1/2 In Manual Ctrl Valve	EACH		X	X	X
623-03016	2 Inch Manual Control Valve	2 In Manual Ctrl Valve	EACH		X	X	X
623-03020	2-1/2 Inch Manual Control Valve	2-1/2 In Manual Ctrl Valve	EACH		X	X	X
623-03024	3 Inch Manual Control Valve	3 In Manual Ctrl Valve	EACH		X	X	X
623-03106	3/4 Inch Automatic Control Valve	3/4 In Auto Ctrl Valve	EACH		X	X	X

623-03108	1 Inch Automatic Control Valve	1 In Auto Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03110	1-1/4 Inch Automatic Control Valve	1-1/4 In Auto Ctrl Val	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03112	1-1/2 Inch Automatic Control Valve	1-1/2 In Auto Ctrl Val	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03116	2 Inch Automatic Control Valve	2 In Auto Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03120	2-1/2 Inch Automatic Control Valve	2-1/2 In Auto Ctrl Val	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

								<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-03124	3 Inch Automatic Control Valve	3 In Auto Ctrl Valve	EACH		X	X	X	
623-03132	4 Inch Automatic Control Valve	4 In Auto Ctrl Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04000	Control Wire 24 Volt	Ctrl Wire 24 Volt	LF	X	X	X	X	<p>Most likely a manufactured product if wire is composed of a non-ferrous metal with a rubber coating</p> <p>BA required for iron / steel per FMM requirements.</p> <p>If wire is composed of iron or steel and has any construction products such as a rubber coating this item will require BABA documentation.</p>
623-04002	Power Source Wire	Power Source Wire	LF	X	X	X	X	<p>Most likely a manufactured product if wire is composed of a non-ferrous metal with a rubber coating</p> <p>BA required for iron / steel per FMM requirements.</p> <p>If wire is composed of iron or steel and has any construction products such as a rubber coating this item will require BABA documentation.</p>
623-04003	Controller Communication Cable	Ctrlr Comm Cable	LF	X	X	X	X	<p>Most likely a manufactured product if wire is composed of a non-ferrous metal with a rubber coating</p> <p>BA required for iron / steel per FMM requirements.</p> <p>If wire is composed of iron or steel and has any construction products such as a rubber coating this item will require BABA documentation.</p>

623-04006	3/4 Inch Quick-Coupler Valve	3/4 In Quick-Coupler	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04008	1 Inch Quick-Coupler Valve	1 In Quick-Coupler	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04010	1-1/4 Inch Quick-Coupler Valve	1-1/4 In Quick-Coupler	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04012	1-1/2 Inch Quick-Coupler Valve	1-1/2 In Quick-Coupler	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04016	2 Inch Quick-Coupler Valve	2 In Quick-Coupler	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

623-04510	3/4 Inch Ball Valve	3/4 In Ball Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04520	2 Inch Ball Valve	2 In Ball Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-04521	2-1/2 Inch Ball Valve	2-1/2 Inch Ball Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05006	3/4 Inch Gate Valve	3/4 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05008	1 Inch Gate Valve	1 Inch Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

623-05010	1-1/4 Inch Gate Valve	1-1/4 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05012	1-1/2 Inch Gate Valve	1-1/2 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05016	2 Inch Gate Valve	2 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05020	2-1/2 Inch Gate Valve	2-1/2 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05024	3 Inch Gate Valve	3 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

623-05032	4 Inch Gate Valve	4 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05048	6 Inch Gate Valve	6 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05064	8 Inch Gate Valve	8 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05096	12 Inch Gate Valve	12 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05128	16 Inch Gate Valve	16 In Gate Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

								<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-05548	6 Inch Check Valve	6 In Check Valve	EACH		X	X	X	
623-06128	16 Inch Butterfly Valve	16 In Btrfly Valve	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-06502	2 Leg Flow Manifold	2 Leg Flow Manifold	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-06503	3 Leg Flow Manifold	3 Leg Flow Manifold	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-06900	Valve Box	Valve Box	EACH				X	BABA - Plastic/Polymer based product
623-06901	Valve Box (Special)	Valve Box (Special)	EACH				X	BABA - Plastic/Polymer based product

623-07006	3/4 Inch Water Meter	3/4 In Water Meter	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-07008	1 Inch Water Meter	1 In Water Meter	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-07012	1-1/2 Inch Water Meter	1-1/2 In Water Meter	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-07016	2 Inch Water Meter	2 In Water Meter	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
623-07024	3 Inch Water Meter	3 In Water Meter	EACH		X	X	X	<p>Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

								Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-07032	4 Inch Water Meter	4 In Water Meter	EACH		X	X	X	
								Refer to plan set and specification. Most likely a manufactured product, BA required for reinforcing iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
623-07048	6 Inch Water Meter	6 In Water Meter	EACH		X	X	X	
623-07500	Soil Moisture Sensor	Soil Moisture Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07510	Weather Station	Weather Station	EACH			X		BA required for iron / steel per FMM requirements.
623-07600	1-1/2 Inch Flow Sensor	1-1/2 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07601	1 Inch Flow Sensor	1 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07602	2 Inch Flow Sensor	2 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07603	3 Inch Flow Sensor	3 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07604	4 Inch Flow Sensor	4 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07605	5 Inch Flow Sensor	5 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-07606	6 Inch Flow Sensor	6 In Flow Sensor	EACH			X		BA required for iron / steel per FMM requirements.
623-08103	3 Station Automatic Controllor	3 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08104	4 Station Automatic Controllor	4 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08105	5 Station Automatic Controllor	5 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08106	6 Station Automatic Controllor	6 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08107	7 Station Automatic Controllor	7 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08108	8 Station Automatic Controllor	8 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08109	9 Station Automatic Controllor	9 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08110	10 Station Automatic Controllor	10 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08111	11 Station Automatic Controllor	11 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08112	12 Station Automatic Controllor	12 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08114	14 Station Automatic Controllor	14 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08116	16 Station Automatic Controllor	16 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08118	18 Station Automatic Controllor	18 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08120	20 Station Automatic Controllor	20 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08124	24 Station Automatic Controllor	24 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08126	26 Station Automatic Controllor	26 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08130	30 Station Automatic Controllor	30 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08132	32 Station Automatic Controllor	32 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.
623-08136	36 Station Automatic Controllor	36 Station Auto Ctrlr	EACH			X		BA required for iron / steel per FMM requirements.

623-08140	40 Station Automatic Controller	40 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08148	48 Station Automatic Controller	48 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08152	52 Station Automatic Controller	52 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08200	Master Controller	Master Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08210	Automatic Controller Transmitter/Receiver Unit	Auto Ctrler T/R Unit	EACH			X		BA required for iron / steel per FMM requirements.
623-08218	18 Station Automatic Controller (Furnish Only)	Furn 18 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08226	26 Station Automatic Controller (Furnish Only)	Furn 26 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08232	32 Station Automatic Controller (Furnish Only)	Furn 32 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08252	52 Station Automatic Controller (Furnish Only)	Furn 52 Station Auto Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08308	8 Station Automatic Controller (Install Only)	Inst 8 Station Auto Ctrler	EACH	X				Installation of controller
623-08416	16 Station Satellite Controller	16 Station Satellite Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08432	32 Station Satellite Controller	32 Station Satellite Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-08448	48 Station Satellite Controller	48 Station Satellite Ctrler	EACH			X		BA required for iron / steel per FMM requirements.
623-09000	Booster Pump	Booster Pump	EACH			X		BA required for iron / steel per FMM requirements.
623-09100	Submersible Pump (w/Valving and Controls)	Submersible Pump (w/Val & Ctrl)	EACH			X		BA required for iron / steel per FMM requirements.
623-09900	Sprinkler System	Sprinkler System	LS			X		BA required for iron / steel per FMM requirements.
623-09905	Irrigation Assembly	Irrig Assembly	EACH		X	X	X	BA required for any elements composed of iron and steel per FMM requirements BABA required for any elements composed of aluminum, plastic or other construction material
623-09907	Infiltration Gallery	Infiltration Gallery	EACH		X	X	X	Refer to project plans and specifications. Each gallery will have different requirements and products depending on the design/repair work needed. Refer to project plans and specifications concerning the expansion device and other components. BA required for iron / steel per FMM requirements.
623-09910	Portable Sprinkling System	Portable Sprinkling System	HOOR					No material permanently installed
623-09950	Irrigation Wells	Irrigation Wells	LF		X	X	X	Refer to project plans and specifications. Each well will have different requirements and products depending on the design/repair work needed. Refer to project plans and specifications concerning the expansion device and other components. BA required for iron / steel per FMM requirements.
623-09960	Pump System	Pump System	LS			X		BA required for any iron and steel components per FMM requirements

624-20006	6 Inch Drainage Pipe (Class 0)	6 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20008	8 Inch Drainage Pipe (Class 0)	8 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20010	10 Inch Drainage Pipe (Class 0)	10 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20011	10 Inch Drainage Pipe (Class 0) (Complete In Place)	10 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20012	12 Inch Drainage Pipe (Class 0)	12 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20013	12 Inch Drainage Pipe (Class 0) (Complete In Place)	12 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20014	12 Inch Drainage Pipe End Section	12 In Drain Pipe End Sect	EACH		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20015	15 Inch Drainage Pipe (Class 0)	15 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20016	15 Inch Drainage Pipe (Class 0) (Complete In Place)	15 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-20017	15 Inch Drainage Pipe End Section	15 In Drain Pipe End Sect	EACH		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20018	18 Inch Drainage Pipe (Class 0)	18 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20019	18 Inch Drainage Pipe (Class 0) (Complete In Place)	18 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20024	24 Inch Drainage Pipe (Class 0)	24 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20025	24 Inch Drainage Pipe (Class 0) (Complete In Place)	24 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20030	30 Inch Drainage Pipe (Class 0)	30 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20031	30 Inch Drainage Pipe (Class 0) (Complete In Place)	30 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20036	36 Inch Drainage Pipe (Class 0)	36 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20037	36 Inch Drainage Pipe (Class 0) (Complete In Place)	36 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-20042	42 Inch Drainage Pipe (Class 0)	42 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20043	42 Inch Drainage Pipe (Class 0) (Complete In Place)	42 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20048	48 Inch Drainage Pipe (Class 0)	48 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20049	48 Inch Drainage Pipe (Class 0) (Complete In Place)	48 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20054	54 Inch Drainage Pipe (Class 0)	54 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20055	54 Inch Drainage Pipe (Class 0) (Complete In Place)	54 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20060	60 Inch Drainage Pipe (Class 0)	60 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20061	60 Inch Drainage Pipe (Class 0) (Complete In Place)	60 In Drainage Pipe (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20066	66 Inch Drainage Pipe (Class 0)	66 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-20072	72 Inch Drainage Pipe (Class 0)	72 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20108	108 Inch Drainage Pipe (Class 0)	108 In Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20300	Detour Drainage Pipe (Class 0)	Detour Drainage Pipe (CL 0)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-20301	Detour Drainage Pipe (Class 0)	Detour Drainage Pipe (CL 0)	L S		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-21012	12 Inch Drainage Pipe (Class 1)	12 in Drainage Pipe (CL 1)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-21013	12 Inch Drainage Pipe (Class 1) (Complete In Place)	12 In Drainage Pipe (CL 1) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-21018	18 Inch Drainage Pipe (Class 1)	18 In Drainage Pipe (CL 1)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-21024	24 Inch Drainage Pipe (Class 1)	24 In Drainage Pipe (CL 1)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-21036	36 Inch Drainage Pipe (Class 1)	36 In Drainage Pipe (CL 1)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-21042	42 Inch Drainage Pipe (Class 1)	42 In Drainage Pipe (CL 1)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-21073	72 Inch Drainage Pipe (Class 1) (Complete In Place)	72 In Drainage Pipe (CL 1) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-22012	12 Inch Drainage Pipe (Class 2)	12 In Drainage Pipe (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-22015	15 Inch Drainage Pipe (Class 2)	15 In Drainage Pipe (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-22018	18 Inch Drainage Pipe (Class 2)	18 In Drainage Pipe (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-22024	24 Inch Drainage Pipe (Class 2)	24 In Drainage Pipe (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-22036	36 Inch Drainage Pipe (Class 2)	36 In Drainage Pipe (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-22048	48 Inch Drainage Pipe (Class 2)	48 In Drainage Pipe (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23013	12 Inch Drainage Pipe (Class 3) (Complete In Place)	12 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-23015	15 Inch Drainage Pipe (Class 3)	15 In Drainage Pipe (CL 3)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23018	18 Inch Drainage Pipe (Class 3)	18 In Drainage Pipe (CL 3)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23019	18 Inch Drainage Pipe (Class 3) (Complete In Place)	18 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23024	24 Inch Drainage Pipe (Class 3)	24 In Drainage Pipe (CL 3)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23025	24 Inch Drainage Pipe (Class 3) (Complete In Place)	24 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23030	30 Inch Drainage Pipe (Class 3)	30 In Drainage Pipe (CL 3)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23031	30 Inch Drainage Pipe (Class 3) (Complete In Place)	30 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23036	36 Inch Drainage Pipe (Class 3)	36 In Drainage Pipe (CL 3)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23037	36 Inch Drainage Pipe (Class 3) (Complete In Place)	36 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-23049	48 Inch Drainage Pipe (Class 3) (Complete In Place)	48 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23055	54 Inch Drainage Pipe (Class 3) (Complete In Place)	54 In Drainage Pipe (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-23060	60 Inch Drainage Pipe (Class 3)	60 In Drainage Pipe (CL 3)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24011	10 Inch Drainage Pipe (Class 4) (Complete In Place)	10 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24012	12 Inch Drainage Pipe (Class 4)	12 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24015	15 Inch Drainage Pipe (Class 4)	15 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24016	15 Inch Drainage Pipe (Class 4) (Complete In Place)	15 In Drainage Pipe (CL4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24018	18 Inch Drainage Pipe (Class 4)	18 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24019	18 Inch Drainage Pipe (Class 4) (Complete In Place)	18 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-24024	24 Inch Drainage Pipe (Class 4)	24 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24025	24 Inch Drainage Pipe (Class 4) (Complete In Place)	24 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24030	30 Inch Drainage Pipe (Class 4)	30 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24031	30 Inch Drainage Pipe (Class 4) (Complete In Place)	30 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24036	36 Inch Drainage Pipe (Class 4)	36 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24037	36 Inch Drainage Pipe (Class 4) (Complete In Place)	36 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24042	42 Inch Drainage Pipe (Class 4)	42 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24043	42 Inch Drainage Pipe (Class 4) (Complete In Place)	42 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24048	48 Inch Drainage Pipe (Class 4)	48 In Drainage Pipe (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-24049	48 Inch Drainage Pipe (Class 4) (Complete In Place)	48 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24055	54 Inch Drainage Pipe (Class 4) (Complete In Place)	54 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-24061	60 Inch Drainage Pipe (Class 4) (Complete In Place)	60 In Drainage Pipe (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-25018	18 Inch Drainage Pipe (Class 5)	18 In Drainage Pipe (CL 5)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-25024	24 Inch Drainage Pipe (Class 5)	24 In Drainage Pipe (CL 5)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-25031	30 Inch Drainage Pipe (Class 5) (Complete In Place)	30 In Drainage Pipe (CL 5) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-25036	36 Inch Drainage Pipe (Class 5)	36 In Drainage Pipe (CL 5)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-25048	48 Inch Drainage Pipe (Class 5)	48 In Drainage Pipe (CL 5)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-25060	60 Inch Drainage Pipe (Class 5)	60 In Drainage Pipe (CL 5)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-25072	72 Inch Drainage Pipe (Class 5)	72 In Drainage Pipe (CL 5)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26012	12 Inch Drainage Pipe (Class 6)	12 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26018	18 Inch Drainage Pipe (Class 6)	18 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26019	18 Inch Drainage Pipe (Class 6) (Complete In Place)	18 In Drainage Pipe (CL 6) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26024	24 Inch Drainage Pipe (Class 6)	24 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26025	24 Inch Drainage Pipe (Class 6) (Complete In Place)	24 In Drainage Pipe (CL 6) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26030	30 Inch Drainage Pipe (Class 6)	30 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26036	36 Inch Drainage Pipe (Class 6)	36 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26037	36 Inch Drainage Pipe (Class 6) (Complete In Place)	36 In Drainage Pipe (CL 6) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-26042	42 Inch Drainage Pipe (Class 6)	42 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-26048	48 Inch Drainage Pipe (Class 6)	48 In Drainage Pipe (CL 6)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27013	12 Inch Drainage Pipe (Class 7) (Complete In Place)	12 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27015	15 Inch Drainage Pipe (Class 7)	15 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27016	15 Inch Drainage Pipe (Class 7) (Complete In Place)	15 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27018	18 Inch Drainage Pipe (Class 7)	18 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27019	18 Inch Drainage Pipe (Class 7) (Complete In Place)	18 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27024	24 Inch Drainage Pipe (Class 7)	24 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27025	24 Inch Drainage Pipe (Class 7) (Complete In Place)	24 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-27030	30 Inch Drainage Pipe (Class 7)	30 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27031	30 Inch Drainage Pipe (Class 7) (Complete In Place)	30 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27036	36 Inch Drainage Pipe (Class 7)	36 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27037	36 Inch Drainage Pipe (Class 7) (Complete In Place)	36 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27043	42 Inch Drainage Pipe (Class 7) (Complete In Place)	42 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27048	48 Inch Drainage Pipe (Class 7)	48 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27049	48 Inch Drainage Pipe (Class 7) (Complete In Place)	48 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27055	54 Inch Drainage Pipe (Class 7) (Complete In Place)	54 In Drainage Pipe (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-27060	60 Inch Drainage Pipe (Class 7)	60 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-27072	72 Inch Drainage Pipe (Class 7)	72 In Drainage Pipe (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28007	6 Inch Drainage Pipe (Class 8) (Complete In Place)	6 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28012	12 Inch Drainage Pipe (Class 8)	12 In Drainage Pipe (CL 8)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28013	12 Inch Drainage Pipe (Class 8) (Complete In Place)	12 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28016	15 Inch Drainage Pipe (Class 8) (Complete in Place)	15 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28018	18 Inch Drainage Pipe (Class 8)	18 In Drainage Pipe (CL 8)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28019	18 Inch Drainage Pipe (Class 8) (Complete in Place)	18 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28024	24 Inch Drainage Pipe (Class 8)	24 In Drainage Pipe (CL 8)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28025	24 Inch Drainage Pipe (Class 8) (Complete in Place)	24 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-28031	30 Inch Drainage Pipe (Class 8) (Complete in Place)	30 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28036	36 Inch Drainage Pipe (Class 8)	36 In Drainage Pipe (CL 8)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28037	36 Inch Drainage Pipe (Class 8) (Complete in Place)	36 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28043	42 Inch Drainage Pipe (Class 8) (Complete in Place)	42 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28049	48 Inch Drainage Pipe (Class 8) (Complete in Place)	48 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-28055	54 Inch Drainage Pipe (Class 8) (Complete in Place)	54 In Drainage Pipe (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29012	12 Inch Drainage Pipe (Class 9)	12 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29013	12 Inch Drainage Pipe (Class 9) (Complete In Place)	12 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29015	15 Inch Drainage Pipe (Class 9)	15 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-29016	15 Inch Drainage Pipe (Class 9) (Complete In Place)	15 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29018	18 Inch Drainage Pipe (Class 9)	18 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29019	18 Inch Drainage Pipe (Class 9) (Complete In Place)	18 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29024	24 Inch Drainage Pipe (Class 9)	24 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29025	24 Inch Drainage Pipe (Class 9) (Complete In Place)	24 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29030	30 Inch Drainage Pipe (Class 9)	30 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29031	30 Inch Drainage Pipe (Class 9) (Complete In Place)	30 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29036	36 Inch Drainage Pipe (Class 9)	36 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29037	36 Inch Drainage Pipe (Class 9) (Complete In Place)	36 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-29043	42 Inch Drainage Pipe (Class 9) (Complete In Place)	42 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29048	48 Inch Drainage Pipe (Class 9)	48 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29049	48 Inch Drainage Pipe (Class 9) (Complete In Place)	48 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29055	54 Inch Drainage Pipe (Class 9) (Complete In Place)	54 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29060	60 Inch Drainage Pipe (Class 9)	60 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29061	60 Inch Drainage Pipe (Class 9) (Complete In Place)	60 In Drainage Pipe (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-29072	72 Inch Drainage Pipe (Class 9)	72 In Drainage Pipe (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30013	12 Inch Drainage Pipe (Class 10) (Complete In Place)	12 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30016	15 Inch Drainage Pipe (Class 10) (Complete In Place)	15 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-30018	18 Inch Drainage Pipe (Class 10)	18 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30019	18 Inch Drainage Pipe (Class 10) (Complete In Place)	18 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30024	24 Inch Drainage Pipe (Class 10)	24 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30025	24 Inch Drainage Pipe (Class 10) (Complete In Place)	24 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30031	30 Inch Drainage Pipe (Class 10) (Complete In Place)	30 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30036	36 Inch Drainage Pipe (Class 10)	36 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30037	36 Inch Drainage Pipe (Class 10) (Complete In Place)	36 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30042	42 Inch Drainage Pipe (Class 10)	42 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30043	42 Inch Drainage Pipe (Class 10) (Complete In Place)	42 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-30048	48 Inch Drainage Pipe (Class 10)	48 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30049	48 Inch Drainage Pipe (Class 10) (Complete In Place)	48 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30055	54 Inch Drainage Pipe (Class 10) (Complete In Place)	54 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30060	60 Inch Drainage Pipe (Class 10)	60 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30061	60 Inch Drainage Pipe (Class 10) (Complete In Place)	60 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30072	72 Inch Drainage Pipe (Class 10)	72 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30096	96 Inch Drainage Pipe (Class 10)	96 In Drainage Pipe (CL 10)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30097	96 Inch Drainage Pipe (Class 10) (Complete In Place)	96 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-30109	108 Inch Drainage Pipe (Class 10) (Complete In Place)	108 In Drainage Pipe (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-40031	30 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	30 In Equiv Drain Pipe E (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-40049	48 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	48 In Equiv Drain Pipe E (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-40055	54 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	54 In Equiv Drain Pipe E (CL 0) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-43019	18 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	18 In Equiv Drain Pipe E (CL 3) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-44018	18 Inch Equivalent Drainage Pipe Elliptical (Class 4)	18 In Equiv Drain Pipe E (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-44024	24 Inch Equivalent Drainage Pipe Elliptical (Class 4)	24 In Equiv Drain Pipe E (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-44030	30 Inch Equivalent Drainage Pipe Elliptical (Class 4)	30 In Equiv Drain Pipe E (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-44031	30 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	30 In Equiv Drain Pipe E (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-44036	36 Inch Equivalent Drainage Pipe Elliptical (Class 4)	36 In Equiv Drain Pipe E (CL 4)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-44037	36 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	36 In Equiv Drain Pipe E (CL 4) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-46049	48 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	48 In Equiv Drain Pipe E (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47018	18 Inch Equivalent Drainage Pipe Elliptical (Class 7)	18 In Equiv Drain Pipe E (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47019	18 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	18 In Equiv Drain Pipe E (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47024	24 Inch Equivalent Drainage Pipe Elliptical (Class 7)	24 In Equiv Drain Pipe E (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47025	24 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	24 In Equiv Drain Pipe E (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47030	30 Inch Equivalent Drainage Pipe Elliptical (Class 7)	30 In Equiv Drain Pipe E (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47031	30 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	30 In Equiv Drain Pipe E (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47037	36 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	36 In Equiv Drain Pipe E (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-47042	42 Inch Equivalent Drainage Pipe Elliptical (Class 7)	42 In Equiv Drain Pipe E (CL 7)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-47043	42 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	42 In Equiv Drain Pipe E (CL 7) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-48019	18 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	18 In Equiv Drain Pipe E (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-48025	24 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	24 In Equiv Drain Pipe E (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-48043	42 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	42 In Equiv Drain Pipe E (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-48055	54 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	54 In Equiv Drain Pipe E (CL 8) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49018	18 Inch Equivalent Drainage Pipe Elliptical (Class 9)	18 In Equiv Drain Pipe E (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49019	18 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	18 In Equiv Drain Pipe E (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49025	24 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	24 In Equiv Drain Pipe E (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-49031	30 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	30 In Equiv Drain Pipe E (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49036	36 Inch Equivalent Drainage Pipe Elliptical (Class 9)	36 In Equiv Drain Pipe E (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49037	36 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	36 In Equiv Drain Pipe E (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49042	42 Inch Equivalent Drainage Pipe Elliptical (Class 9)	42 In Equiv Drain Pipe E (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49043	42 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	42 In Equiv Drain Pipe E (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49048	48 Inch Equivalent Drainage Pipe Elliptical (Class 9)	48 In Equiv Drain Pipe E (CL 9)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-49049	48 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	48 In Equiv Drain Pipe E (CL 9) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-50019	18 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	18 In Equiv Drain Pipe E (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-50025	24 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	24 In Equiv Drain Pipe E (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material

624-50031	30 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	30 In Equiv Drain Pipe E (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-50049	48 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	48 In Equiv Drain Pipe E (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-50055	54 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	54 In Equiv Drain Pipe E (CL 10) (CIP)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-62030	30 Inch Equivalent Drainage Pipe Arch (Class 2)	30 In Equiv Drain Pipe A (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-62036	36 Inch Equivalent Drainage Pipe Arch (Class 2)	36 In Equiv Drain Pipe A (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-62042	42 Inch Equivalent Drainage Pipe Arch (Class 2)	42 In Equiv Drain Pipe A (CL 2)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-80020	20 Inch Drainage Pipe Centrifugally Cast Fiberglass Reinforced Polymer Mortar Pipe	20 In Drain Pipe (CCFRPM)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
624-80024	24 Inch Drainage Pipe Centrifugally Cast Fiberglass Reinforced Polymer Mortar Pipe	24 In Drain Pipe (CCFRPM)	LF		X		X	BA required for any elements composed of iron and steel BABA required for any elements composed of aluminum, plastic or other construction material
625-00000	Construction Surveying	Const Surveying	LS	X				Labor, personnel/equipment time
625-00001	Construction Surveying (Hourly)	Const Surveying (Hour)	HOUR	X				Labor, personnel/equipment time
625-00002	Construction Survey (Tunnel)	Const Survey (Tunnel)	LS	X				Labor, personnel/equipment time
625-00015	Settlement Instrumentation	Settlement Instrument	LS	X		X		Assumption - these are multiple component systems, thus a manufactured product, BA is required if any iron or steel per FMM requirements

625-00100	Ground Penetrating Radar Survey	Ground Penetrating Radar Survey	SF	X				Labor, personnel/equipment time
625-00200	Vibration Monitoring (Tunnel)	Vib Monitor (Tunnel)	L S	X				Labor, personnel/equipment time
626-00000	Mobilization	Mobilization	L S	X				Labor, personnel/equipment time
626-00005	Mobilization	Mobilization	DAY	X				Labor, personnel/equipment time
626-00007	Mobilization	Mobilization	EACH	X				Labor, personnel/equipment time
626-00010	Erection Equipment	Erection Equip	L S	X				Labor, personnel/equipment time
626-00015	Pre-Cast Segment Production	Pre-Cast Segment Prod.	L S					precast wording
626-00020	Emergency Response Plan	Emergency Response Plan	L S	X				Labor, personnel/equipment time
626-00100	Mobilization (without Autopay)	Mobilization (w/o Autopay)	L S	X				Labor, personnel/equipment time
626-00200	Mobilization (Tunnel)(Without Autopay)	Mobilization (Tun)(w/o Autopay)	L S	X				Labor, personnel/equipment time
626-00307	Mobilization	Mobilization	EACH	X				Labor, personnel/equipment time
626-01101	Public Information Services (Tier I) GAP PROJECT ONLY	Public Info Services (Tier I) GAP ONLY	L S	X				Labor, personnel/equipment time
626-01111	Public Information Management (Tier I)	Public Info Manage (Tier I)	DAY	X				Labor, personnel/equipment time
626-01112	Public Information Management (Tier II)	Public Info Manage (Tier II)	DAY	X				Labor, personnel/equipment time
626-01113	Public Information Management (Tier III)	Public Info Manage (Tier III)	DAY	X				Labor, personnel/equipment time
626-01114	Public Information Management (Tier IV)	Public Info Manage (Tier IV)	DAY	X				No BABA - paints and stains do not require BABA documentation
627-00001	Pavement Marking Paint	Pvmt Mkg Paint	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00002	Thermoplastic Pavement Marking	Thermoplastic Pvmt Mkg	SF			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00003	Thermoplastic Pavement Marking (Inlaid)	Thermoplastic Pvmt Mkg (Inlaid)	SF			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00004	Epoxy Pavement Marking	Epoxy Pvmt Mkg	SF			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00005	Epoxy Pavement Marking	Epoxy Pvmt Mkg	GAL			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00006	Modified Epoxy Pavement Marking (On-Call)	Mod Epoxy Pvmt Mkg (On-Call)	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00007	Epoxy Pavement Marking (Special)	Epoxy Pvmt Mkg (Spec)	GAL			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00008	Modified Epoxy Pavement Marking	Mod Epoxy Pvmt Mkg	GAL			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00009	Modified Epoxy Pavement Marking(Inlaid)	Mod Epoxy (Inlaid)	GAL			X		BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00011	Pavement Marking Paint (Waterborne)	Pvmt Mkg Paint (Waterborne)	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00012	Pavement Marking Paint (Low VOC Solvent Base)	Pvmt Mkg Paint (Low VOC Solvent Base)	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00013	Pavement Marking Paint (High Build)	Pvmt Mkg Paint (High Build)	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00014	Pavement Marking Paint (Low Temperature)	Pvmt Mkg Paint (Low Temp)	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00015	Pavement Marking Paint (Airport)	Pvmt Mkg Paint (Airport)	SF	X				No BABA - paints and stains do not require BABA documentation

627-00016	Pavement Marking Paint (High Build)(Temporary)	Pvmt Mkg Paint (High Build) (Temporary)	GAL	X				No material permanently installed
627-00017	Pavement Marking Paint (Light Application) (Airport)	Pvmt Mkg Paint (Light Apply) (Airport)	SF	X				No BABA - paints and stains do not require BABA documentation
627-00018	Polyurea Pavement Marking	Polyurea Pvmt Mkg	GAL				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00019	Pavement Marking Paint (High Build)(Inlaid)	Pvmt Mkg Paint (High Build) (Inlaid)	GAL	X				No BABA - paints and stains do not require BABA documentation
627-00020	4 Inch Pavement Marking Tape	4 In Pvmt Mkg Tape	LF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00025	4 Inch Pavement Marking Tape (Removable)	4 In Pvmt Mkg Tape (Rem)	LF	X				No material permanently installed
627-00026	8 In Pavement Marking Tape (Removable)	8 In Pvmt Mkg Tape (Rem)	LF	X				No material permanently installed
627-00027	12 Inch Pavement Marking Tape	12 In Pvmt Mkg Tape	LF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00029	24 Inch Pavement Marking Tape (Removable)	24 In Pvmt Mkg Tape (Rem)	LF	X				No material permanently installed
627-00030	Raised Pavement Marker (Temporary)	Raised Pvmt Marker (Temp)	EACH	X				No material permanently installed
								Any iron and steel replacements will require BA documentation per FMM requirements Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
627-00031	Raised Pavement Marker	Raised Pvmt Marker	EACH	X	X	X	X	
627-00032	Raised Flexible Pavement Marker (Temporary)	Raised Flex Pvmt Marker (Temp)	EACH	X				No material permanently installed
627-00060	Preformed Plastic Pavement Marking (60 Mils)	Plastic Pvmt Mkg (60 Mils)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00070	Preformed Thermoplastic Pavement Marking	Preform Thermoplastic Pvmt Mkg	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00080	Polyurea Pavement Marking (Inlaid)	Polyurea Pvmt Mkg (IL)	GAL				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00090	Pavement Marking (Special)	Pvmt Mkg (Spec)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
								Any iron and steel replacements will require BA documentation per FMM requirements Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
627-00100	Recessed Pavement Marker	Recessed Pvmt Marker	EACH	X	X	X	X	

								Any iron and steel replacements will require BA documentation per FMM requirements Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
627-00110	Recessed Pavement Marker (Special)	Recessed Pvmt Marker (Spec)	EACH	X	X	X	X	
627-00200	Warranted Epoxy Pavement Marking	War Epoxy Pvmt Mkg	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-00202	Epoxy Pavement Marking (2-Year Warranty)	Epoxy Pvmt Mkg (2-Yr War)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-01001	Preformed Plastic Pavement Marking (Type I)	Preform Plastic Pvmt Mkg (Ty I)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-01010	Preformed Plastic Pavement Marking (Type I) (Inlaid)	Preform Plastic Pvmt Mkg (TY I)(Inlaid)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-01011	Preformed Plastic Pavement Marking (Contrast) (Inlaid)	Preform Plastic Pvmt Mkg (Contr)(Inlaid)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-01012	Preformed Plastic Pavement Marking (Type I) (Inlaid) (Install Only)	Prfm Plstic Pvmt Mkg(TY I) (Inld)(Instl)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-02001	Preformed Plastic Pavement Marking (Type II)	Preform Plastic Pvmt Mkg (Ty II)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-02010	Preformed Plastic Pavement Marking (Type II) (Inlaid)	Preform Plastic Pvmt Mkg (Ty II)(Inlaid)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-02012	Preformed Plastic Pavement Marking (Type II) (Inlaid) (Install Only)	Prfm Plstic Pvmt Mkg(TY II) (Inld)(Instl)	SF	X				Installation of pavement marking
627-02050	Research Project Pavement Marking	Research Proj Pvmt Mkg	L S	X				Research and development study
627-03001	Preformed Plastic Pavement Marking (Type III)	Preform Plastic Pvmt Mkg (Ty III)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-03010	Preformed Plastic Pavement Marking (Type III) (Inlaid)	Preform Plastic Pvmt Mkg(Ty III)(Inlaid)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30105	Pavement Marking Paint (Word-Symbol)	Pvmt Mkg Paint (WS)	SF	X				Paints and stains do not require BABA documentation
627-30110	Pavement Marking Paint (Xwalk-Stop Line)	Pvmt Mkg Paint (XS)	SF	X				Paints and stains do not require BABA documentation
627-30205	Thermoplastic Pavement Marking (Word-Symbol)	Thermoplastic Pvmt Mkg (WS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	Thermoplastic Pvmt Mkg (XS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30305	Preformed Plastic Pavement Marking (60 Mil) (Word-Symbol)	Plastic Pvmt Mkg (60 Mil) (WS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30310	Preformed Plastic Pavement Marking (60 Mil) (Xwalk-Stop Line)	Plastic Pvmt Mkg (60 Mil) (XS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30323	Preformed Plastic Pavement Marking (Word-Symbol)(Type I)(Inlaid)	Preform Plastic Pvmt Mkg (WS)(Typ I)(In)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30324	Preformed Plastic Pavement Marking (Word-Symbol) (Type I)	Preform Plastic Pvmt Mkg (WS) (TY I)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30326	Preformed Plastic Pavement Marking (Word - Symbol) (Type II)	Preform Plastic Pvmt Mkg (WS) (Ty II)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)

627-30327	Preformed Plastic Pavement Marking (Word-Symbol) (Type III)	Preform Plastic Pvmt Mkg (WS) (Ty III)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30328	Preformed Plastic Pavement Marking (XWalk-Stop Line)(Type I)(Inlaid)	Pre Plastic Pvmt Mkg (XWalk)(Typ1)(In)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30329	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type I)	Preform Plastic Pvmt Mkg (XS) (TY I)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30331	Preformed Plastic Pavement Marking (Xwalk - Stop Line) (Type II)	Preform Plastic Pvmt Mkg (XS) (Ty II)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30332	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	Preform Plastic Pvmt Mkg (XS) (Ty III)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	Preform Thermoplastic Pvmt Mkg (WS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30406	Preformed Thermoplastic Pvmt Mkg (Word-Symbol)(Install Only)	Inst Preform Thermoplastic Pvmt Mkg (WS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30407	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	Preform Thermoplastic Pvmt Mkg (WS)(Sp)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30408	Preformed Thermoplastic Pavement Marking (Shield)	Pre Thermo Pvmt Mkg (Shield)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	Preform Thermoplastic Pvmt Mkg (XS)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	Preform Thermoplastic Pvmt Mkg (XS)(Sp)	SF				X	BABA - plastic/polymer based product (FHWA classifies paint or adhesive as incidental items)
627-30412	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Install Only)	Pre Thermo Pvmt Mkg (XS) (Install Only)	SF	X				Installation of pavement marking
627-40000	Methyl Methacrylate Pavement Marking	Methyl Methacrylate Pvmt Mkg	GAL	X				Paints and stains do not require BABA documentation
627-40003	Methyl Methacrylate Pavement Marking (Inlaid)	Methyl Methacrylate Pvmt Mkg (Inlaid)	SF	X				Paints and stains do not require BABA documentation
627-40010	Methyl Methacrylate Pavement Marking (Word Symbol)	Methyl Methac Pvmt Mkg (WS)	SF	X				Paints and stains do not require BABA documentation
627-40011	Methyl Methacrylate Pavement Marking (X Walk Stop Line)	Methyl Methac Pvmt Mkg (XS)	SF	X				Paints and stains do not require BABA documentation
627-40012	Methyl Methacrylate Pavement Marking (Word Symbol)(Inlaid)	Methyl Methac Pvmt Mkg (WS)(In)	SF	X				Paints and stains do not require BABA documentation
627-40013	Methyl Methacrylate Pavement Marking (X Walk Stop line)(Inlaid)	Methyl Methac Pvmt Mkg (XS)(In)	SF	X				Paints and stains do not require BABA documentation
627-40015	Methyl Methacrylate Pavement Marking (Colored) (Inlaid)	Methyl Methac Pvmt Mkg (Colored)(In)	GAL	X				Paints and stains do not require BABA documentation
627-50000	Stimsonite Pavement Marking	Stimsonite Pvmt Mkg	SF	X				Paints and stains do not require BABA documentation
								Refer to plan set and specification.
								BA required for iron / steel per FMM requirements.
								Any construction products will require BABA documentation.
								If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
628-00000	Bridge Girder and Deck Unit	Brdg Girder + Deck Unit	LF		X	X	X	

628-00001	Bridge Girder and Deck Unit	Brdg Girder + Deck Unit	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00005	Bridge Girder and Deck Unit (5 Feet to 10 Feet)	Brdg Girder + Deck Unit (5-10)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00030	Bridge Girder and Deck Unit (30 Feet to 35 Feet)	Brdg Girder + Deck Unit (30-35)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00040	Bridge Girder and Deck Unit (40 Feet to 45 Feet)	Brdg Girder + Deck Unit (40-45)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00045	Bridge Girder and Deck Unit (45 Feet to 50 Feet)	Brdg Girder + Deck Unit (45-50)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

628-00050	Bridge Girder and Deck Unit (50 Feet to 55 Feet)	Brdg Girder + Deck Unit (50-55)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00060	Bridge Girder and Deck Unit (60 Feet to 65 Feet)	Brdg Girder + Deck Unit (60-65)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00070	Bridge Girder and Deck Unit (70 Feet to 75 Feet)	Brdg Girder + Deck Unit (70-75)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00075	Bridge Girder and Deck Unit (75 Feet to 80 Feet)	Brdg Girder + Deck Unit (75-80)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00080	Bridge Girder and Deck Unit (80 Feet to 85 Feet)	Brdg Girder + Deck Unit (80-85)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

628-00085	Bridge Girder and Deck Unit (85 Feet to 90 Feet)	Brdg Girder + Deck Unit (85-90)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00090	Bridge Girder and Deck Unit (90 Feet to 95 Feet)	Brdg Girder + Deck Unit (90-95)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00110	Bridge Girder and Deck Unit (110 Feet to 115 Feet)	Brdg Girder + Deck Unit (110-115)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00115	Bridge Girder and Deck Unit (115 Feet to 120 Feet)	Brdg Girder + Deck Unit (115-120)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00130	Bridge Girder and Deck Unit (130 Feet to 135 Feet)	Brdg Girder + Deck Unit (130-135)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>

628-00135	Bridge Girder and Deck Unit (135 Feet to 140 Feet)	Brdg Girder+Deck Unit (135-140)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00140	Bridge Girder and Deck Unit (140 Feet to 145 Feet)	Brdg Girder+Deck Unit (140-145)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00185	Bridge Girder and Deck Unit (185 Feet to 190 Feet)	Brdg Girder + Deck Unit (185-190)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00210	Bridge Girder and Deck Unit (210 Feet to 215 Feet)	Brdg Girder + Deck Unit (210-215)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-00215	Bridge Girder and Deck Unit (215 Feet to 220 Feet)	Brdg Girder + Deck Unit (215-220)	EACH		X	X	X	<p>Refer to plan set and specification.</p> <p>BA required for iron / steel per FMM requirements.</p> <p>Any construction products will require BABA documentation.</p> <p>If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.</p>
628-50000	Design Services	Design Services	HOUR	X				Labor, personnel/equipment time

628-50001	Design Services	Design Services	L S	X				Labor, personnel/equipment time
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01001	Survey Monument (Type 1)	Survey Monument (Ty 1)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01002	Survey Monument (Type 2)	Survey Monument (Ty 2)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01003	Survey Monument (Type 3)	Survey Monument (Ty 3)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01004	Survey Monument (Type 4)	Survey Monument (Ty 4)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01005	Survey Monument (Type 5)	Survey Monument (Ty 5)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01006	Survey Monument (Type 6)	Survey Monument (Ty 6)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01011	Survey Monument (Type 1A)	Survey Monument (Ty 1A)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01021	Survey Monument (Type 2A)	Survey Monument (Ty 2A)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01031	Survey Monument (Type 3A)	Survey Monument (Ty 3A)	EACH		X		X	
								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material

								BA required for iron / steel per FMM requirements. BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01041	Survey Monument (Special)	Survey Mont (Special)	EACH		X		X	
								Refer to plan set and specification. BA required for iron / steel per FMM requirements. Any construction products will require BABA documentation. If more than two construction products are incorporated it is considered a manufactured product and only BA documentation is required.
629-01050	Monument Box	Monument Box	EACH	X	X	X	X	
								BA required if composed of iron and steel per FMM requirements BABA required for the following if composed of aluminum, copper, brass or other construction material
629-01065	Survey Monument (Type 5S)	Survey Monument (Ty 5S)	EACH		X		X	
629-01110	Locate Monuments	Locate Monuments	HOUR	X				Labor, personnel/equipment time
629-01210	Adjust Monument Box	Adjust Monument Box	EACH	X				Labor, personnel/equipment time
629-01300	Survey Monument (Temporary)	Survey Monument (Temp)	EACH	X				No material permanently installed
630-00000	Flagging	Flagging	HOUR	X				Labor, personnel/equipment time
630-00001	Pilot Car Operation	Pilot Car Operation	HOUR	X				Labor, personnel/equipment time
630-00003	Uniformed Traffic Control	Uniformed Traf Ctrl	HOUR	X				Labor, personnel/equipment time
630-00004	Traffic Control Vehicle	Traf Ctrl Vehicle	EACH	X				No material permanently installed
630-00006	Uniformed Traffic Control (Vehicle)	Uniformed Traf Ctrl (Vehicle)	HOUR	X				Labor, personnel/equipment time
630-00007	Traffic Control Inspection	Traf Ctrl Inspection	DAY	X				Labor, personnel/equipment time
630-00009	Traffic Control Vehicle (Truck)	Traf Ctrl Vehicle (Truck)	EACH	X				No material permanently installed
630-00010	Sign Cleaning	Sign Cleaning	HOUR	X				Labor, personnel/equipment time
630-00011	Courtesy Vehicle	Courtesy Vehicle	DAY	X				No material permanently installed
630-00012	Traffic Control Management	Traf Ctrl Mgmt	DAY	X				No material permanently installed
630-00014	Traffic Control Vehicle (Truck)	Traf Ctrl Vehicle (Truck)	HOUR	X				Labor, personnel/equipment time
630-00015	Uniformed Traffic Control Coordination	Uniformed Traf Ctrl Coordination	HOUR	X				Labor, personnel/equipment time
630-00016	Traffic Control (Special) LS	Traffic Control (Special) LS	L S	X				Labor, personnel/equipment time
630-00017	Traffic Control Management (Special)	Traffic Control Management (Special)	DAY	X				Labor, personnel/equipment time
630-00018	Smart Work Zone Traffic Control Management	Smart Work Zone Traffic Ctrl Mgmt	DAY	X				Labor, personnel/equipment time
630-00020	Traffic Control Vehicle	Traf Ctrl Vehicle	DAY	X				Labor, personnel/equipment time
630-00025	Traffic Control Vehicle	Traf Ctrl Vehicle	HOUR	X				Labor, personnel/equipment time
630-00027	Rolling Roadblock	Rolling Roadblock Traffic Control	DAY	X				Labor, personnel/equipment time
630-00028	Rolling Roadblock	Rolling Roadblock Traffic Control	HOUR	X				Labor, personnel/equipment time

630-00030	Courtesy Patrol	Courtesy Patrol	DAY	X			Labor, personnel/equipment time
630-00031	Courtesy Patrol	Courtesy Patrol	HOUR	X			Labor, personnel/equipment time
630-00035	Emergency Pull-off Area (Temporary)	Emerg Pull-off Area (Temp)	EACH	X			No material permanently installed
630-00040	Traffic Incident Management Plan Development	Develop Traf Incident Mgmt Plan	L S	X			Labor, personnel/equipment time
630-00041	Traffic Incident Management Plan Implementation	Implement Traf Incident Mgmt Plan	MON	X			Labor, personnel/equipment time
630-10122	Portable Variable Message Sign Panel (SWZ)	Port Variable Message Sign Panel (SWZ)	DAY	X			No material permanently installed
630-10123	Portable Variable Message Sign Panel (SWZ)	Port Variable Message Sign Panel (SWZ)	MON	X			No material permanently installed
630-10124	Portable Hybrid Message Board (SWZ)	Port Hybrid Message Board (SWZ)	DAY	X			No material permanently installed
630-10125	Portable Hybrid Message Board (SWZ)	Port Hybrid Message Board (SWZ)	MON	X			No material permanently installed
630-72887	Portable Microwave Vehicle Radar Detector (SWZ)	Port Microwave Veh Radar Detector (SWZ)	DAY	X			No material permanently installed
630-72888	Portable Microwave Vehicle Radar Detector (SWZ)	Port Microwave Veh Radar Detector (SWZ)	MON	X			No material permanently installed
630-72889	Portable Doppler Radar (SWZ)	Port Doppler Radar (SWZ)	DAY	X			No material permanently installed
630-72890	Portable Doppler Radar (SWZ)	Port Doppler Radar (SWZ)	MON	X			No material permanently installed
630-80000	Traffic Control Devices (Maintain)	Traffic Control Devices (Maintain)	DAY				Labor, personnel/equipment time
630-80001	Flashing Beacon (Portable)	Flash Beacon (Port)	EACH	X			No material permanently installed
630-80002	Flashing Beacon (Solar)	Flash Beacon (Solar)	EACH	X		X	Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80003	Portable Flashing Beacon (SWZ)	Portable Flashing Beacon (SWZ)	EACH	X			No material permanently installed
630-80004	Portable Flashing Beacon (SWZ)	Portable Flashing Beacon (SWZ)	DAY	X			No material permanently installed
630-80005	Portable Flashing Beacon (SWZ)	Portable Flashing Beacon (SWZ)	MON	X			No material permanently installed
630-80305	Flagging Station Light	Flagging Station Light	EACH	X			No material permanently installed
630-80310	Automated Flagging Assistance Device	Automated Flagging Assistance Device	EACH	X			No material permanently installed
630-80311	Automated Flagging Assistance Device	Automated Flagging Assistance Device	DAY	X			No material permanently installed
630-80312	Automated Flagging Assistance Device (SWZ)	Automated Flagging Assist Device (SWZ)	DAY	X			No material permanently installed
630-80313	Automated Flagging Assistance Device (SWZ)	Automated Flagging Assist Device (SWZ)	MON	X			No material permanently installed
630-80331	Barricade (Type 3 F-A) (Temporary)	Barricade (3 F-A) (Temp)	EACH	X			No material permanently installed
630-80332	Barricade (Type 3 F-B) (Temporary)	Barricade (3 F-B) (Temp)	EACH	X			No material permanently installed
630-80333	Barricade (Type 3 F-C) (Temporary)	Barricade (3 F-C) (Temp)	EACH	X			No material permanently installed
630-80334	Barricade (Type 3 F-D) (Temporary)	Barricade (3 F-D) (Temp)	EACH	X			No material permanently installed
630-80335	Barricade (Type 3 M-A) (Temporary)	Barricade (3 M-A) (Temp)	EACH	X			No material permanently installed
630-80336	Barricade (Type 3 M-B) (Temporary)	Barricade (3 M-B) (Temp)	EACH	X			No material permanently installed
630-80337	Barricade (Type 3 M-C) (Temporary)	Barricade (3 M-C) (Temp)	EACH	X			No material permanently installed

630-80338	Barricade (Type 3 M-D) (Temporary)	Barricade (3 M-D) (Temp)	EACH	X				No material permanently installed
630-80339	Directional Barricade	Directional Barricade	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80340	Pedestrian Barricade (ADA)	Pedestrian Barricade (ADA)	LF	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80341	Construction Traffic Sign (Panel Size A)	Const Traf Sign (A)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80342	Construction Traffic Sign (Panel Size B)	Const Traf Sign (B)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80343	Construction Traffic Sign (Panel Size C)	Const Traf Sign (C)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80344	Construction Traffic Sign (Special)	Const Traf Sign (Spec)	SF	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80345	Vehicle Mounted Message Sign Panel (Furnish Only)	Furn Vehicle Mnted Mesg Sign Pnl	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80346	Construction Traffic Sign (Panel Size B) (SWZ)	Const Traffic Sign (Size B) (SWZ)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80347	Construction Traffic Sign (Panel Size C) (SWZ)	Const Traffic Sign (Size C) (SWZ)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80348	Construction Information Sign	Const Info Sign	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80349	Construction Traffic Sign (Panel Size A) (SWZ)	Const Traffic Sign (Size A) (SWZ)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80350	Vertical Panel	Vert Panel	EACH			X	X	Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the vertical panel and other components. BA required for any of iron and steel per FMM requirements BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)
630-80351	Vertical Panel (Plastic)	Vert Panel (Plastic)	EACH					X BABA - plastic/polymer based product

630-80352	Vertical Panel (Special)	Vert Panel (Spec)	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the vertical panel and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
630-80353	Vertical Panel (With Light) (Flashing)	Vert Panel (Light) (F)	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the vertical panel and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
630-80354	Vertical Panel (With Light) (Steady Burn)	Vert Panel (Light) (SB)	EACH		X	X	X	<p>Possibly a manufactured product depending on composition of inner components. Refer to project plans and specifications concerning the vertical panel and other components.</p> <p>BA required for any of iron and steel per FMM requirements</p> <p>BABA required if composed of brass or other non ferrous metal (FHWA classifies paint or adhesive as incidental items)</p>
630-80355	Portable Message Sign Panel	Port Mesg Panel	EACH	X				No material permanently installed
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	Flash Arrow Panel (A Ty)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	Flash Arrow Panel (B Ty)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	Flash Arrow Panel (C Ty)	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80359	Portable Message Sign Panel	Port Mesg Panel	DAY	X				No material permanently installed
630-80360	Drum Channelizing Device	Drum Channel Dev	EACH	X		X		Usually temporary, manufactured product if permanent, BA required for any of iron and steel per FMM requirements
630-80361	Drum Channelizing Device (Maintain)	Drum Channelizing Device (Maintain)	EACH	X				No material permanently installed
630-80362	Portable Traffic Speed Monitor (SWZ)	Port Traffic Speed Monitor (SWZ)	MON	X				No material permanently installed

630-80363	Drum Channelizing Device (With Light) (Flashing)	Drum Channel Dev (Light) (F)	EACH	X			No material permanently installed
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	Drum Channel Dev (Light) (SB)	EACH	X			No material permanently installed
630-80365	Portable Message Sign Panel (State Furnished)	Port Mesg Panel (State Furn)	EACH	X			No material permanently installed
630-80366	Portable Traffic Speed Monitor (State Purchased)	Port Traf Speed Monitor (State Purch)	EACH	X			No material permanently installed
630-80367	Portable Traffic Speed Monitor	Port Traf Speed Monitor	EACH	X			No material permanently installed
630-80368	Portable Traffic Speed Monitor	Port Traf Speed Monitor	DAY	X			No material permanently installed
630-80370	Barrier (Temporary)	Barrier (Temp)	LF	X			No material permanently installed
630-80371	Reset Concrete Barrier (Temporary)	Reset Concrete Barrier (Temp)	LF	X			No material permanently installed
630-80372	Concrete Barrier (Temporary) (Furnish and Install)	Conc Barrier (Temp) (Furnish & Install)	LF	X			No material permanently installed
630-80373	Concrete Barrier (Temporary)(Remove)	Concrete Barrier (Temporary)(Remove)	LF	X			No material permanently installed
630-80374	Advance Warning Flashing / Sequencing Arrow Panel (A Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (A) (SWZ)	MON	X			No material permanently installed
630-80375	Concrete Barrier (Temporary) (Install Only)	Inst Conc Barrier (Temp)	LF	X			Installation of temporary structure
630-80377	Portable Water Filled Barrier (Temporary)	Port Water Filled Barrier (Temp)	LF	X			No material permanently installed
630-80378	Glare Screen (Temporary)	Glare Screen (Temp)	LF	X			No material permanently installed
630-80380	Traffic Cone	Traffic Cone	EACH	X			No material permanently installed
630-80382	Portable Variable Speed Limit Sign (SWZ)	Port Variable Speed Limit Sign (SWZ)	DAY	X			No material permanently installed
630-80383	Portable Variable Speed Limit Sign (SWZ)	Port Variable Speed Limit Sign (SWZ)	MON	X			No material permanently installed
630-80384	Tubular Marker	Tubular Marker	EACH	X			No material permanently installed
630-80385	Lane Divider (Temporary)	Lane Divider (Temp)	EACH	X			No material permanently installed
630-80386	Advance Warning Flashing / Sequencing Arrow Panel (A Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (A) (SWZ)	DAY	X			No material permanently installed
630-80387	Advance Warning Flashing / Sequencing Arrow Panel (B Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (B) (SWZ)	DAY	X			No material permanently installed
630-80388	Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (C) (SWZ)	DAY	X			No material permanently installed
630-80389	Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (C) (SWZ)	MON	X			No material permanently installed
630-80390	Channelizing Device (Special)	Channel Dev (Spec)	EACH	X			No material permanently installed
630-80391	Channelizing Device (Fixed)	Channel Dev (Fixed)	EACH	X			No material permanently installed
630-80392	Stackable Tubular Marker	Stackable Tubular Marker	EACH	X			No material permanently installed
630-80393	Stackable Vertical Panels	Stackable Vertical Panels	EACH	X			No material permanently installed
630-80394	Channelizing Device (SWZ)	Channelizing Device (SWZ)	EACH	X			No material permanently installed
630-80395	Advance Warning Flashing / Sequencing Arrow Panel (B Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (B) (SWZ)	MON	X			No material permanently installed
630-80396	Portable Traffic Speed Monitor (SWZ)	Port Traffic Speed Monitor (SWZ)	DAY	X			No material permanently installed
630-80401	Delineator (Type I) (Temporary)	Delin (Ty I) (Temp)	EACH	X			No material permanently installed
630-80402	Delineator (Type II) (Temporary)	Delin (Ty II) (Temp)	EACH	X			No material permanently installed
630-80403	Delineator (Type III) (Temporary)	Delin (Ty III) (Temp)	EACH	X			No material permanently installed

630-80410	Advance Overhead Warning Device (Chains)	Adv Overhead Warn Dev (Chains)	EACH	X			No material permanently installed
630-80415	Advanced Warning Flashing or Sequencing Panel (C Type)	Adv Warn Flash or Seq Panel (C Type)	DAY	X			No material permanently installed
630-80417	Sequential Flashing Warning Light	Seq Flashing Warning Light	EACH	X			No material permanently installed
630-80430	Rumble Strip (Portable)	Rumble Strip (Port)	EACH	X			No material permanently installed
630-80440	Portable Rumble Strips (Temporary)	Port Rumble Strips (Temp)	EACH	X			No material permanently installed
630-80511	Mobile Pavement Marking Zone	Mobile Pvmt Marking Zone	L S	X			No material permanently installed
630-80520	Mobile Pavement Marking Zone	Mobile Pvmt Mkg Zone	DAY	X			No material permanently installed
630-80560	Mobile Profilograph Operation Zone	Mobile Profilograph Oper Zone	L S	X			No material permanently installed
630-80570	Mobile Profilograph Operation Zone	Mobile Profilograph Oper Zone	DAY	X			No material permanently installed
630-81363	Drum Channelizing Device (With Light) (Flashing) (Maintain)	Drum Chan Dev (Light) (Flashing) (Main)	EACH	X			No material permanently installed
630-81364	Drum Channelizing Device (With Light) (Steady Burn) (Maintain)	Drum Chan Dev (Light) (Steady) (Main)	EACH	X			No material permanently installed
630-85006	Impact Attenuator (Sand Filled Plastic Barrel) (Temporary)	Impact Atten (Sand Fill) (Temp)	EACH	X			No material permanently installed
630-85010	Impact Attenuator (Temporary)	Impact Atten (Temp)	EACH	X			No material permanently installed
630-85011	Impact Attenuator (Temporary)	Imp Atten (Temp)	DAY	X			No material permanently installed
630-85013	Impact Attenuator (Temporary)(Reset Only)	Impact Atten (Temp)(Reset)	EACH	X			No material permanently installed
630-85014	Impact Attenuator (Temporary)(Remove Only)	Impact Atten(Temp) (Remove)	EACH	X			No material permanently installed
630-85020	Mobile Attenuator	Mobile Attenuator	EACH	X			No material permanently installed
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	Impact Atten (T-M-A) (Temp)	EACH	X			No material permanently installed
630-85041	Mobile Attenuator	Mobile Attenuator	DAY	X			No material permanently installed
630-85115	Impact Attenuator (Quadguard) (Temporary)	Impact Atten (Quadguard) (Temp)	EACH	X			No material permanently installed
630-86100	River Safety Net	River Safety Net	EACH	X		X	Usually temporary, BABA documentation required if permanent and composed of plastic
630-86250	Portable Ramp Meter (SWZ)	Port Ramp Meter (SWZ)	DAY	X			No material permanently installed
630-86251	Portable Ramp Meter (SWZ)	Port Ramp Meter (SWZ)	MON	X			No material permanently installed
630-86742	Portable Weather Monitoring Station (SWZ)	Port Weather Monitoring Station (SWZ)	DAY	X			No material permanently installed
630-86743	Portable Weather Monitoring Station (SWZ)	Port Weather Monitoring Station (SWZ)	MON	X			No material permanently installed
630-86801	Traffic Signal (Temporary)	Traffic Signal (Temp)	L S	X			No material permanently installed
630-86802	Traffic Signal (Temporary)	Traffic Signal (Temporary)	DAY	X			No material permanently installed
630-86810	Traffic Signal (Temporary)	Traffic Signal (Temp)	EACH	X			No material permanently installed
630-86820	Traffic Signal (Temporary)(State Furnished)	Traffic signal(Temp.)(State Furnished)	EACH	X			No material permanently installed
630-86821	Portable Traffic Signal (SWZ)	Port Traffic Signal (SWZ)	DAY	X			No material permanently installed
630-86822	Portable Traffic Signal (SWZ)	Port Traffic Signal (SWZ)	MON	X			No material permanently installed
630-87000	Temporary Highway Advisory Radio Transmitter	Temp Hwy Advisory Radio Transmitter	EACH	X			No material permanently installed
630-87001	Portable Highway Advisory Radio Transmitter (SWZ)	PHAR Transmitter (SWZ)	DAY	X			No material permanently installed

630-87002	Portable Highway Advisory Radio Transmitter (SWZ)	PHAR Transmitter (SWZ)	MON	X				No material permanently installed
630-87320	Portable Closed Circuit Television (CCTV) (SWZ)	Portable CCTV (SWZ)	DAY	X				No material permanently installed
630-87321	Portable Closed Circuit Television (SWZ)	Portable CCTV (SWZ)	MON	X				No material permanently installed
630-88000	Smart Work Zone System Server and Software	Smart Wrk Zn Sys Serv and Sftwre	DAY	X		X		Usually temporary, BABA documentation required if permanent and composed of plastic
630-88001	Work Zone Intrusion Alarm System	Work Zone Intrusion Alarm System	DAY	X		X		Usually temporary, BABA documentation required if permanent and composed of plastic
630-88003	Smart Work Zone System	Smart Work Zone System	DAY	X		X		Usually temporary, BABA documentation required if permanent and composed of plastic
630-88005	Portable Non-Intrusive Traffic Sensor	Port Non-Intrus Traf Sens	DAY	X				No material permanently installed
630-88006	Smart Work Zone System	Smart Work Zone System	MON	X		X		Usually temporary, BABA documentation required if permanent and composed of plastic
630-88007	Smart Work Zone Devices (Setup)	Smart Work Zone Devices (Setup)	L S	X				Labor, personne/equipment time
630-88008	Smart Work Zone System (Setup)	Smart Work Zone System (Setup)	L S	X				Labor, personne/equipment time
630-88010	Portable Pan-Tilt-Zoom Camera	Port Pan-Tilt-Zoom Cam	DAY	X				No material permanently installed
630-88011	SWZ Data Processing Software	SWZ Data Processing Software	L S	X		X		Usually temporary, BABA documentation required if permanent and composed of plastic
631-00100	Highway Design & Construction	Hwy Design & Const	L S	X				Labor, personne/equipment time
631-00105	Highway Construction	Hwy Const	L S	X				Labor, personne/equipment time
631-10000	Alternate Bridge Design and Construction	Alt Brdg Design and Const	L S	X				Labor, personne/equipment time
631-10001	Alternative Girder Design & Construction	Alternative Girder Design & Construction	L S	X				Labor, personne/equipment time
631-10002	Bridge Design and Construction	Bridge Design and Construction	L S	X				Labor, personne/equipment time
631-20010	Move Bridge (Slide)	Move Bridge (Slide)	L S	X				Relocating an existing structure, no new components to be installed.
631-20020	Move Bridge (Roll)	Move Bridge (Roll)	L S	X				Relocating an existing structure, no new components to be installed.
632-00000	Night Work Lighting	Night Work Lighting	L S	X				No material permanently installed
637-00100	Roadway Sweeping	Roadway Sweep	SHML	X				Labor, personne/equipment time
641-10000	Shotcrete	Shotcrete	SY	X	X		X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-10010	Initial Shotcrete Facing	Initial Shotcrete Facing	SF	X	X		X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.

641-10070	Shotcrete Sculpting	Shotcrete Sculpting	SY	X	X	X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-11000	Shotcrete (Class A)	Shotcrete (CL A)	CY	X	X	X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-11001	Shotcrete (Class B)	Shotcrete (CL B)	CY	X	X	X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-11002	Shotcrete (Class C)	Shotcrete (CL C)	CY	X	X	X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-11003	Shotcrete (Class D)	Shotcrete (CL D)	CY	X	X	X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-11004	Shotcrete (Portal Brow) (8 Inch)	Shotcrete (Port Brow) (8 In)	CY	X	X	X	No BA or BABA required if only consists of shotcrete BA if iron or steel reinforcement is used BABA if reinforcement or other components consisting of non ferrous metals, plastic, etc.
641-11005	Shotcrete (Smoothing) (Geocomposite Drains)	Shotcrete (Smooth) (Geocomp Dr)	CY	X			Labor, personne/equipment time
641-11006	Shotcrete (Smoothing)(Supplemental)	Shotcrete (Smooth)(Suppl)	CY	X			Labor, personne/equipment time
642-00010	Exploder (Type 1)(Install Only)	Exploder (Ty 1)(Install)	EACH	X			Installation of exploder
642-00020	Exploder (Type 2)(Install Only)	Exploder (Ty 2)(Install)	EACH	X			Installation of exploder
642-00025	Exploder (Type 3)(Install Only)	Exploder (Ty 3)(Install)	EACH	X			Installation of exploder

642-00030	Control Shelter (Type 1)(Install Only)	Cntrl Shelter (Ty 1)(Install)	EACH	X				Installation of shelter
642-00040	Control Shelter (Type 2)(Install Only)	Cntrl Shelter (Ty 2)(Install)	EACH	X				Installation of shelter
642-00050	Oxygen Farm Cabinet	Oxy Farm Cabinet	EACH	X			X	BA required for the following if composed of iron and steel per FMM requirements BABA required for the following if composed of aluminum or other construction material
650-00000	Mechanical Systems	Mechanical Syst	LS	X	X	X		Assumption - these are multiple component systems, thus a manufactured product, BA is required if any iron or steel is used per FMM requirements
652-00000	Fire Protection Systems	Fire Protection Syst	LS	X	X	X		Assumption - these are multiple component systems, thus a manufactured product, BA is required if any iron or steel is used per FMM requirements
660-00000	Special Systems	Special Syst	LS	X	X	X		Assumption - these are multiple component systems, thus a manufactured product, BA is required if any iron or steel is used per FMM requirements
670-00000	Electrical Systems	Electrical Syst	LS	X	X	X		Assumption - these are multiple component systems, thus a manufactured product, BA is required if any iron or steel is used per FMM requirements
680-00000	Lighting Systems	Lighting Syst	LS	X	X	X		Assumption - these are multiple component systems, thus a manufactured product, BA is required if any iron or steel is used per FMM requirements
699-00010	Fixed Fee	Fixed Fee	LS	X				Finances
700-70002	F/A ANTICIPATED CMO	F/A ANTICIPATED CMO	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70010	F/A Minor Contract Revisions	F/A Minor Contract Revisions	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70012	F/A Asphalt Pavement Incentive	F/A Asph Pvmt Incentive	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70013	F/A Concrete Pavement Incentive	F/A Conc Pvmt Incentive	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70014	F/A Incentive	F/A Incentive	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70015	F/A Mobilization	F/A Mobilization	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70016	F/A Fuel Cost Adjustment	F/A Fuel Cost Adjustment	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70017	F/A Landscape Establishment Incentive	F/A Landscape Incentive	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70018	F/A Roadway Smoothness Incentive	F/A Road Smooth Incentive	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70019	F/A Asphalt Cement Cost Adjustment	F/A Asphalt Cement Cost Adjustment	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70023	F/A On-The-Job Trainee	F/A On-The-Job Trainee	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-70025	F/A Quality Incentive Payment	F/A Quality Incentive Pymt	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70028	F/A ESB Program	F/A ESB Program	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70029	F/A ESB Program Retainage	F/A ESB Program Retainage	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70031	F/A Interim Surface Repair	F/A Interim Surface Repair	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70032	F/A Emergency Repair	F/A Emergency Repair	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70033	F/A Video Taping	F/A Video Taping	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70034	F/A	F/A	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70035	F/A	F/A	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70036	Forced Accounts	F/A	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70037	F/A Contaminated Soil	F/A Contaminated Soil	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70040	F/A Railroad	F/A Railroad	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70042	F/A Railroad Flagging	F/A RR Flagging	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70050	F/A Removal	F/A Removal	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70051	F/A Disposal	F/A Disposal	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70060	F/A Adjust	F/A Adjust	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70070	F/A Obtain	F/A Obtain	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70072	F/A Obtain Power from Xcel Energy	F/A Obtain Power from Xcel	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70074	F/A Obtain Power from	F/A Obtain Power from	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70080	F/A Furnish	F/A Furnish	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70081	F/A Provide	F/A Provide	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70082	F/A Furnish & Install Electrical Service	F/A Furn & Inst Elec Serv	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70090	F/A Reset	F/A Reset	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70100	F/A Relocate	F/A Relocate	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70110	F/A Install	F/A Install	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70111	Project First Program	Project First Program	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-70120	F/A Maintain	F/A Maintain	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70130	F/A Repair	F/A Repair	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70131	F/A Modify	F/A Modify	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70135	F/A Demolish Building	F/A Demolish Building	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70140	F/A Signing and Striping	F/A Signing and Striping	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70150	F/A Asphalt Rejuvenating Agent	F/A Asph Rejuv Agent	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70155	F/A Pavement Surface Course Maintenance	F/A Pvmt Surf Course Maint	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70160	F/A Detour	F/A Detour	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70170	F/A Pothole Utilities	F/A Pothole Util	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70180	F/A Gas Lines	F/A Gas Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70195	F/A Utilities and Maintenance of Field Facilities	F/A Util and Maint of Field Facil	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70200	F/A Power Lines	F/A Power Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70210	F/A Lights	F/A Lights	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70220	F/A Phone Service	F/A Phone Serv	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70222	F/A Cellular Phone Service	F/A Cell Phone Serv	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70225	F/A Telephone Interconnect	F/A Telephone Interconnect	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70230	F/A Communication Lines	F/A Communication Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70240	F/A Sewer Taps	F/A Sewer Taps	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70250	F/A Sewer Lines	F/A Sewer Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70255	F/A Water	F/A Water	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70260	F/A Water Taps	F/A Water Taps	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70270	F/A Water Lines	F/A Water Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70280	F/A Fire Hydrant	F/A Fire Hydrant	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70290	F/A Manhole	F/A Manhole	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70300	F/A Cable TV. Lines	F/A Cable TV Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-70310	F/A Landscaping	F/A Landscaping	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70320	F/A Sprinklers	F/A Sprinklers	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70330	F/A Temporary Signalization	F/A Temp Signalization	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70340	F/A Habitat Restoration	F/A Habitat Restoration	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70350	F/A Removal of Obstruction	F/A Removal of Obstruction	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70360	F/A Signs, Delineators and Mileposts	F/A Signs, Delin and MP	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70370	F/A Signing	F/A Signing	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70375	F/A Striping	F/A Striping	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70380	F/A Erosion Control	F/A Erosion Ctrl	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70390	F/A Wetland Restoration & Replacement	F/A Wetland Restore & Replace	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70391	F/A Wetland Replacement	F/A Wetland Replacement	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70392	F/A Wetland Restoration	F/A Wetland Restoration	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70393	F/A Wetland Monitoring	F/A Wetland Monitoring	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70400	F/A Obliterate Old Road	F/A Obliterate Old Road	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70410	F/A Stream Restoration	F/A Stream Restoration	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70420	F/A Tree Trimming	F/A Tree Trimming	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70422	F/A Sanding Material	F/A Sanding Material	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70424	F/A Slope Reconstruction	F/A Slope Reconstruction	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70426	F/A Stabilization	F/A Stabilization	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70428	F/A Separate and Stockpile Selected Rocks	F/A Separate and Stockpile Rocks	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70430	F/A Boulder Placement	F/A Boulder Placement	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70440	F/A Rock Scaling	F/A Rock Scaling	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70450	F/A Rock Fall Protection	F/A Rock Fall Protection	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70460	F/A Rock Staining	F/A Rock Staining	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70470	F/A Information Trailer	F/A Info Trailer	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-70480	F/A Standby Sanitary Facilities	F/A Standby Sani Facilities	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70490	F/A Traffic Control Vehicle (Pilot Car)	F/A Traf Ctrl Veh (Pilot Car)	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70492	F/A Traffic Control for Installation	F/A Traf Ctrl for Installation	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70493	F/A Smart Work Zone	F/A Smart Work Zone	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70495	F/A Asbestos Abatement Work	F/A Asbestos Abatement Work	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70496	F/A Lead Abatement Work	F/A Lead Abatement Work	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70500	F/A Landfill Requirements	F/A Landfill Requirements	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70505	F/A Plan Requirements	F/A Plan Requirements	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70510	F/A Relocate Field Office	F/A Relocate Field Office	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70520	F/A Micro	F/A Micro	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70530	F/A Drainage Improvement	F/A Drainage Improvement	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70540	F/A Traffic Signal Detector Loops	F/A Traf Sig Detect Loops	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70550	F/A Blading Shoulder	F/A Blading Shoulder	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70560	F/A Plant Establishment	F/A Plant Establishment	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70570	F/A Guardrail	F/A Guardrail	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70580	F/A Test Instruments	F/A Test Instruments	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70587	F/A Hazardous Waste Disposal	F/A Hazardous Waste Disposal	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70588	F/A Transportation of Hazardous Material	F/A Transport Hazardous Matl	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70589	F/A Environmental Health & Safety Management	F/A Environ Health & Safety Mgmt	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70590	F/A Health and Safety Plan	F/A Health and Safety Plan	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70591	F/A Health and Safety Officer	F/A Health and Safety Officer	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70592	F/A Survey Monumentation	F/A Survey Monumentation	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70593	F/A ROW Monumentation	F/A ROW Monumentation	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70594	F/A DRB Standing Committee	F/A DRB Standing Committee	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-70595	F/A DRB On-Demand Committee	F/A DRB On-Demand Committee	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-71000	CMGC Overrun Pool	CMGC Overrun Pool	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-71001	CMGC Shared Risk Contig. Pool	CMGC Shared Risk Contingency Pool	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-71002	CDOT Risk Pool	CDOT Risk Pool	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-71003	Owner Controlled Insurance Program Responsiveness and Accuracy	OCIP Respon. and Accuracy	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-71004	Owner Controlled Insurance Program Enrollment and Reporting	OCIP Enrollment and Reporting	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-71005	Owner Controlled Insurance Program Safety Compliance and Loss Statistics	OCIP Safety Compl. and Loss Stat.	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73301	F/A Lighting by Others (Non-Utility) Paid by Time & Material s	F/A Lighting by Others (Non-Util)	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73302	F/A Lighting by Others (Non-Utility) Paid by LS	F/A Lighting by Others (Non-Util)	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73311	F/A Relocate Electric (Non-Utility)	F/A Reloc Elec (Non-Util)	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73312	F/A Signal Lighting by Others (Non-Utility)	F/A Sig Lighting by Others (Non-Util)	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73322	F/A Fire Hydrant by Others (Non-Utility)	F/A Fire Hydrant by Others (Non-Util)	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73332	F/A Relocate Electric (Non-Utility)	F/A Reloc Elec (Non-Util)	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73351	F/A	F/A	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-73352	F/A	F/A	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90000	Do Not Use On Estimates-For Use Only As Item In The Generic Nonbid Project	Generic Non-Bid Project	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90005	F/A	F/A	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90006	F/A Signing & Striping	F/A Signing & Striping	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90007	F/A Plant Establishment	F/A Plant Establishment	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90010	F/A Removal	F/A Removal	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90011	F/A Signs, Delineators & Mileposts	F/A Signs, Delin & MP	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90012	Third Party Uniform Traffic Control is CE eligible, Use the 700-733** force account for this item.	Use 700-733** series for Traffic Control	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90020	F/A Adjust	F/A Adjust	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90021	F/A Detour	F/A Detour	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90026	F/A Landscaping	F/A Landscaping	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90030	F/A Reset	F/A Reset	F A	X			Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-90032	F/A Emergency Repair	F/A Emergency Repair	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90040	F/A Furnish	F/A Furnish	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90045	F/A Provide	F/A Provide	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90050	F/A Relocate	F/A Relocate	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90060	F/A Install	F/A Install	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90062	F/A Furnish & Install	F/A Furn & Inst	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90070	F/A Railroad	F/A Railroad	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90072	F/A Railroad Flagging	F/A RR Flagging	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90074	F/A Railroad Pre-emptive Timing (Install & Wiring)	F/A RR Pre-empt Timing (Install, Wiring)	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90080	F/A Gas Lines	F/A Gas Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90090	F/A Electrical Service	F/A Elec Serv	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90100	F/A Power Lines	F/A Power Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90110	F/A Lights	F/A Lights	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90120	F/A Phone Service	F/A Phone Serv	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90130	F/A Communication Lines	F/A Communication Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90140	F/A Sewer Taps	F/A Sewer Taps	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90150	F/A Sewer Lines	F/A Sewer Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90160	F/A Water Taps	F/A Water Taps	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90170	F/A Water Lines	F/A Water Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90180	F/A Fire Hydrant	F/A Fire Hydrant	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90190	F/A Cable TV Lines	F/A Cable TV Lines	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-90195	F/A Maintain Field Laboratory	F/A Maint Field Lab	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-93301	F/A	F/A	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-93302	F/A Lighting by Others (Non-Utility)	F/A Lighting by Others (Non-Util)	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-93311	F/A Reloc Elec (Non-Utility)	F/A Reloc Elec (Non-Util)	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item

700-93312	F/A Signal Lighting By Others (Non-Utility)	F/A Sig Lighting by Others (Non-Util)	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-93332	F/A Relocate Electric (Non-Utility)	F/A Reloc Elec (Non-Util)	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
700-93352	F/A	F/A	F A	X				Force accounts deal with finances, no BA or BABA requirement, refer to original item
800-00040	Right-Of-Way (Federal Aid Costs and Eligible Indirect Costs)	Right-Of-Way (Fed Aid)	L S					Finances, no BA or BABA requirement
800-00045	Right-Of-Way (Non-Federal Aid Costs and NFA Indirect Costs)	Right-Of-Way (Non-Fed Aid)	L S					Finances, no BA or BABA requirement
800-00060	State Furnished Materials	State Furn Matls	L S	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
800-00062	Local Furnished Materials	Local Furn Matls	L S	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
800-00064	Other Furnished Materials	Other Furn Matls	L S	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
800-00066	Misc Furnished Materials	Misc Furn Matls	L S	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
800-00068	State Furnished Materials (Unit Each)	State Furn Matls	EACH	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.

900-0004	Added Item (Cubic Yard)/	Added Item (Cubic Yard)/	CY	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-0005	Added Item (Day)/	Added Item (Day)/	DAY	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-0006	Added Item (Dollar)/	Added Item (Dollar)/	DOL	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-0007	Added Item (Each)/	Added Item (Each)/	EACH	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00010	Added Item (Hour)/	Added Item (Hour)/	HOUR	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00012	Added Item (Foot)/	Added Item (Foot)/	LF	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.

900-00014	Added Item (Lump Sum)/	Added Item (Lump Sum)/	LS	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00019	Added Item (Month)/	Added Item (Month)/	MON	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00021	Added Item (Square Foot)/	Added Item (Square Foot)/	SF	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00024	Added Item (Ton)/	Added Item (Ton)/	TON	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00025	Added Item (Workday)/	Added Item (Workday)/	WD	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00026	Added Item (Week)/	Added Item (Week)/	WK	X	X	X	X	Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.

								Unknown item to be added. If the item is composed of iron or steel, or a portion has iron or steel then BA is required. If the item is solely composed of a construction product (i.e. plastic, wood, non-ferrous materials, glass, etc) then BABA is required. If the item is composed of two or more construction products then no BABA documentation is need but BA is required if any iron or steel is used.
900-00028	Added Item (OJT Damages)	Added Item (OJT Damages)	HOUR	X	X	X	X	
900-00029	Sales Tax - AC Grade/Source Change	Sales Tax - AC Grade/Source Change	DOL					Finances, no BA or BABA requirement
900-00030	Erosion Control Liquidated Damages	Erosion Control Liquidated Damages	DAY					Finances, no BA or BABA requirement
950-00000	Contract Management	Contract Management	DOL					Finances, no BA or BABA requirement
950-00001	Quality Management	Quality Management	DOL					Finances, no BA or BABA requirement
950-00002	Safety Management	Safety Management	DOL					Finances, no BA or BABA requirement
950-00003	Public Information Management	Public Info Manage	DOL					Finances, no BA or BABA requirement
950-00004	Mobilization	Mobilization	DOL					Finances, no BA or BABA requirement
950-00005	Bonds and Insurance	Bonds and Insurance	DOL					Finances, no BA or BABA requirement
950-00006	Right-of-Way	Right-of-Way	DOL					Finances, no BA or BABA requirement
950-00100	Hot Mix Asphalt	HMA	DOL	X				Finances, no BA or BABA requirement
950-00101	Stone Matrix Asphalt	SMA	DOL	X				Finances, no BA or BABA requirement
950-00103	Concrete Pavement (11 Inch to 13 Inch)	Conc Pavement (11 In to 13 In)	DOL					Finances, no BA or BABA requirement
950-00105	Roadway (Other)	Roadway (Other)	DOL					Finances, no BA or BABA requirement
950-00106	Design Services	Design Services	DOL					Finances, no BA or BABA requirement
950-00108	Project Contract Total	Project Contract Total	DOL					Finances, no BA or BABA requirement
950-00202	Structure - Box Girder	Structure - Box Girder	DOL					Finances, no BA or BABA requirement
950-00205	Structure - Other	Structure - Other	DOL					Finances, no BA or BABA requirement
950-00207	Sign Structure	Sign Structure	DOL					Finances, no BA or BABA requirement
950-00208	Retaining Walls	Retaining Walls	DOL					Finances, no BA or BABA requirement
950-00300	Unclassified Excavation	Uncl Ex	DOL					Finances, no BA or BABA requirement
950-00301	Unclassified Embankment	Uncl Embank	DOL					Finances, no BA or BABA requirement
950-00302	Aggregate Base Course	ABC	DOL					Finances, no BA or BABA requirement
950-00400	Tolling Infrastructure	Tolling Infrastructure	DOL					Finances, no BA or BABA requirement
950-00401	Intelligent Transportation Systems	ITS	DOL					Finances, no BA or BABA requirement
950-00500	Removal/Resets	Removal/Resets	DOL					Finances, no BA or BABA requirement
950-00501	Signing and Striping	Signing and Striping	DOL					Finances, no BA or BABA requirement
950-00502	Utility Work	Utility Work	DOL					Finances, no BA or BABA requirement
950-00503	Railroad Work	Railroad Work	DOL					Finances, no BA or BABA requirement
950-00504	Drainage	Drainage	DOL					Finances, no BA or BABA requirement
950-00505	Maintenance of Traffic	Maint of Traffic	DOL					Finances, no BA or BABA requirement
950-00506	Environmental Management	Environ Manage	DOL					Finances, no BA or BABA requirement
950-00600	Guard Rail (Concrete)	Guard Rail (Concrete)	DOL					Finances, no BA or BABA requirement
950-00601	Guard Rail (Steel)	Guard Rail (Steel)	DOL					Finances, no BA or BABA requirement
950-00603	Lighting	Lighting	DOL					Finances, no BA or BABA requirement
950-00604	Other	Other	DOL					Finances, no BA or BABA requirement
950-01000	Project Management	Project Management	DOL					Finances, no BA or BABA requirement

