



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
000-00005	Design (NFA CDOT Direct and Indirect Costs)	Design (NFA CDOT)	L S
000-00010	Design (Federal Aid CDOT Inc Eligible Indirects)	Design (Federal Aid CDOT)	L S
000-00020	Design (Consultant)	Design (Consultant)	L S
000-00030	Construction Engineering (Consultant)	Const Engineering (Consultant)	L S
000-00035	Construction Engineering (Consultant Non-Federal Aid)	Const Engineering (Consultant NFA)	L S
000-00050	Indirect Costs (CE Only)	Indirect Costs (CE Only)	L S
000-00100	Environmental (Non-Fed Aid CDOT)	Environmental (NFA CDOT)	L S
000-00105	Environmental (Federal Aid CDOT)	Environmental (Federal Aid CDOT)	L S
000-00110	Environmental (Non-Federal Aid Consultant)	Environmental (NFA Consultant)	L S
000-00115	Environmental (Federal Aid Consultant)	Environmental (Federal Aid Consultant)	L S
201-00000	Clearing and Grubbing	Clear and Grub	L S
201-00001	Clearing and Grubbing	Clear and Grub	ACRE
201-00002	Clearing	Clearing	L S
201-00005	Removal of Debris	Rem of Debris	L S
201-00007	Removal of Debris	Rem of Debris	EACH
201-00009	Removal of Debris	Rem of Debris	CY
201-00816	Reset Sign Panel (Special)	Res Sign Panel (Spec)	EACH
202-00000	Removal of Structures and Obstructions	Rem Str and Obstructions	L S
202-00001	Removal of Structure	Rem Structure	EACH
202-00002	Removal of Structure (Special)	Rem of Structure (Spec)	EACH
202-00003	Removal of Structure (Special)	Rem of Structure (Spec)	L S
202-00004	Removal of Steel H or Pipe Piling	Rem Steel H or Pipe Piling	LF
202-00005	Removal of Temporary Supports	Rem Temporary Supports	L S
202-00006	Removal of Temporary Supports	Rem Temporary Supports	EACH
202-00008	Tree Trimming	Tree Trimming	HOUR
202-00009	Tree Trimming	Tree Trimming	L S
202-00010	Removal of Tree	Rem Tree	EACH
202-00011	Tree Trimming	Tree Trimming	EACH
202-00012	Removal of Tree Stump	Rem Tree Stump	EACH
202-00013	Removal of Erosion Mat	Rem Erosion Mat	SY
202-00014	Brush Clearing	Brush Clearing	HOUR
202-00015	Removal of Headwall	Rem Headwall	EACH
202-00016	Removal of Tree Support	Rem Tree Support	EACH
202-00019	Removal of Inlet	Rem Inlet	EACH
202-00020	Removal of Concrete Box Culvert	Rem CBC	EACH
202-00021	Removal of Manhole	Rem Manhole	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
202-00022	Removal of Headgate	Rem Headgate	EACH
202-00023	Removal of Embankment Protector Type 3	Rem Emb Prot Ty 3	EACH
202-00024	Removal of Embankment Protector Type 5	Rem Emb Prot Ty 5	EACH
202-00025	Removal of Ditch Lining	Rem Ditch Lining	LF
202-00026	Removal of Slope and Ditch Paving	Rem S and D Pave	SY
202-00027	Removal of Riprap	Rem Riprap	SY
202-00028	Removal of Erosion Control BMPs (Special)	Rem of Eros Cntrl BMPS (Spec)	L S
202-00029	Removal of Gabion	Rem Gabion	CY
202-00030	Removal of Water Service	Rem Water Service	EACH
202-00031	Removal of Fire Hydrant	Rem of Fire Hydrant	EACH
202-00032	Removal of Valve	Rem Valve	EACH
202-00033	Removal of Pipe	Rem Pipe	EACH
202-00035	Removal of Pipe	Rem Pipe	LF
202-00036	Removal of Pipe (Special)	Rem of Pipe (Spec)	LF
202-00037	Removal of End Section	Rem of End Section	EACH
202-00038	Removal of Structural Plate Pipe	Rem Structural Plate Pipe	LF
202-00039	Removal of Bollard	Rem of Bollard	EACH
202-00040	Removal of Electrical Conduit	Rem Elec Conduit	LF
202-00045	Removal of Electrical Equipment	Rem Elec Equip	LF
202-00047	Removal of Electrical Equipment	Rem Elec Equipment	L S
202-00050	Removal of ITS Node Equipment	Rem ITS Node Equip	L S
202-00055	Removal of Fiber Optic Cable	Rem of FO Cable	LF
202-00060	Removal of Travel Time Indicator	Rem Trav Time Indicator	EACH
202-00070	Removal of Barricade	Rem Barricade	EACH
202-00080	Removal of Guard Post	Rem Guard Post	EACH
202-00090	Removal of Delineator	Rem Delineator	EACH
202-00100	Removal of Dome Channelizing Device	Rem of Dome Chan Device	EACH
202-00120	Removal of Concrete Box Culvert	Rem CBC	LF
202-00127	Removal of Riprap	Rem of Riprap	CY
202-00150	Removal of Wall	Rem Wall	EACH
202-00155	Removal of Wall	Rem Wall	LF
202-00160	Removal of Wall	Rem Wall	SF
202-00165	Removal of Wall	Rem Wall	L S
202-00170	Grinding And Texturing Concrete Pavement	Grinding And Texturing Conc Pvmt	SY
202-00172	Diamond Grinding Concrete Pavement	Diamond Grinding Concrete Pavement	SY
202-00175	Removal of Concrete	Rem Concrete	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
202-00190	Removal of Concrete Median Cover Material	Rem of Conc Median Cover Matl	SY
202-00195	Removal of Median Cover	Rem of Median Cover	SY
202-00200	Removal of Sidewalk	Rem Sidewalk	SY
202-00201	Removal of Curb	Rem Curb	LF
202-00202	Removal of Gutter	Rem Gutter	LF
202-00203	Removal of Curb and Gutter	Rem Curb and Gutter	LF
202-00204	Removal of Curb, Gutter and Sidewalk	Rem C, G and Sidewalk	LF
202-00205	Removal of Wheel Stop	Rem Wheel Stop	EACH
202-00206	Removal of Concrete Curb Ramp	Rem Conc Curb Ramp	SY
202-00207	Removal of Brick Pavers	Rem of Brick Pavers	SY
202-00210	Removal of Concrete Pavement	Rem Conc Pavement	SY
202-00212	Removal of Concrete Pavement (Special)	Rem Conc Pavement (Spec)	SY
202-00215	Removal of Concrete Pavement (Planing)	Rem Conc Pvmt (Planing)	SY
202-00217	Remove Concrete Pavement (Planing) (Special)	Rem Conc Pvmt (Planing) (Spec)	SY
202-00220	Removal of Asphalt Mat	Rem Asphalt Mat	SY
202-00222	Removal of Detour Pavement	Removal of Detour Pavement	SY
202-00226	Removal of Asphalt Mat (Special)	Rem of Asph Mat (Special)	SY
202-00240	Removal of Asphalt Mat (Planing)	Rem Asphalt Mat (Planing)	SY
202-00241	Removal of Asphalt Mat (Planing)(Special)	Rem of Asph Mat (Planing)(Spec)	CY
202-00245	Removal of Asphalt Mat (Planing)	Rem Asphalt Mat (Planing)	TON
202-00246	Removal of Asphalt Mat (Planing) (Special)	Rem Asphalt Mat (Planing)(Special)	SY
202-00247	Removal of Asphalt Mat (Planing)	Rem Asphalt Mat (Planing)	L S
202-00248	Removal of Rumble Strips	Rem Rumble Strips	LF
202-00250	Removal of Pavement Marking	Rem Pavement Marking	SF
202-00251	Removal of Pavement Marking (Asphalt Grooving)	Rem Pvmt Marking (Asph Grooving)	SF
202-00252	Removal of Pavement Marking (Concrete Grooving)	Rem Pvmt Marking (Conc Grooving)	SF
202-00254	Removal of Pavement Marking (12 Inch)	Rem of Pvmt Mkg (12 In)	SF
202-00256	Removal of Pavement Marking (15 Inch)	Rem of Pvmt Mkg (15 In)	SF
202-00260	Removal of Pavement Marking (On-Call)	Rem of Pvmt Mkg (On-Call)	SF
202-00300	Removal of Building(s)	Rem Bldg(s)	L S
202-00400	Removal of Bridge	Rem Bridge	EACH
202-00401	Removal of Bridge (Special)	Rem Bridge (Spec)	EACH
202-00405	Removal of Piling	Rem of Pilling	EACH
202-00410	Removal of Mat From Bridge	Rem Mat From Br	SY
202-00420	Removal of Pedestrian Rail	Rem Ped Rail	LF
202-00425	Removal of Bridge Railing	Rem Bridge Railing	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
202-00426	Removal of Bridge Railing (Special)	Rem Bridge Railing (Spec)	LF
202-00440	Removal of Existing Tunnel Liner	Rem of Exist Tunnel Liner	LF
202-00450	Removal of Portions of Present Structure (Class 1)	Rem Port Present Str (1)	SY
202-00453	Removal of Portions of Present Structure (Class 2)	Rem Port Present Str (2)	SY
202-00454	Removal of Portions of Present Structure (Class 2A)	Rem Port Present Str (2A)	SY
202-00456	Removal of Portions of Present Structure (Class 2B)	Rem Port Present Str (2B)	SY
202-00457	Removal of Portions of Present Structure (Class 2) (Hydrodemolition)	Rem of Portions of Pres Str(2) Hydrodemo	SY
202-00458	Removal of Portions of Present Structure (Hydrodemolition)(Fast-Track)	Rem Port Pres Str (Hydrodem)(Fast-Track)	SY
202-00460	Removal of Portions of Present Structure (Class 3)	Rem Port Present Str (3)	SY
202-00462	Removal of Portions of Present Structure (Class 3A)	Rem Port Present Str (3A)	SY
202-00466	Removal of Portions of Present Structure (Class 4)	Rem Port Present Str (4)	SY
202-00480	Removal of Portions of Present Structure (Special)	Rem Port Present Str (Special)	SY
202-00495	Removal of Portions of Present Structure	Rem Port Present Str	L S
202-00500	Removal of Portions of Present Structure	Rem Port Present Str	EACH
202-00502	Removal of Portions of Present Structure	Rem Port Present Str	CY
202-00503	Removal of Portions of Present Structure	Rem Port Present Str	SY
202-00504	Removal of Expansion Device	Rem Exp Device	LF
202-00505	Removal of Portions of Present Structure	Rem Port of Present Structure	SF
202-00506	Removal of Waterproofing Membrane	Removal of Waterproofing Membrane	SY
202-00510	Removal of Roadway Contraction Joint	Rem Contraction Jt	LF
202-00514	Removal of Anti-icing System (Special)	Removal of Anti-icing System (Special)	L S
202-00520	Removal of Expansion Joint Material	Rem of Exp Joint Matl	LF
202-00600	Removal of Railroad Appurtenances	Rem Railroad Appurtenances	L S
202-00610	Removal of Railroad Track	Rem of RR Track	LF
202-00620	Removal of Railroad Crossover	Rem of RR Crossover	EACH
202-00621	Removal of Railroad Turnout	Rem of RR Turnout	EACH
202-00700	Removal of Light Standard	Rem Light Standard	EACH
202-00705	Removal of Light Standard Foundation	Rem Light Standard Foundation	EACH
202-00710	Removal of Power Pole	Rem Power Pole	EACH
202-00715	Removal of Closed Circuit Television Pole	Rem CCTV Pole	EACH
202-00720	Removal of Closed Circuit Camera	Rem CCTV Camera	EACH
202-00725	Removal of Existing Lighting System	Rem Ex Lighting Sys	L S
202-00750	Removal of Luminaire	Rem Luminaire	EACH
202-00800	Removal of Overpass Mounted Sign Bracket	Rem Overpass Mtd Sign Brkt	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
202-00805	Removal of Overhead Sign Structure	Rem Overhead Sign Str	EACH
202-00806	Removal of Walkway	Rem Walkway	LF
202-00810	Removal of Ground Sign	Rem Ground Sign	EACH
202-00815	Removal of Sign (Special)	Rem of Sign (Special)	EACH
202-00818	Removal of Steel Sign Ground Stub base (36 Inch)	Rem Steel Sign Ground Stub base (36 In)	EACH
202-00821	Removal of Sign Panel	Rem Sign Panel	EACH
202-00823	Removal of Dynamic Message Sign	Rem Dynamic Message Sign	EACH
202-00825	Removal of Flashing Beacon	Rem Flashing Beacon	EACH
202-00827	Removal of Pull Box	Rem of Pull Box	EACH
202-00828	Removal of Traffic Signal Equipment	Rem Traf Sig Equipment	L S
202-00830	Removal of Traffic Signal Face	Rem Traf Sig Face	EACH
202-00831	Removal of Traffic Signal Head	Rem Traf Sig Head	EACH
202-00832	Removal of Sign Panel (Special)	Rem of Sign Panel (Spec)	EACH
202-00840	Removal of Traffic Signal Pole	Rem Traf Sig Pole	EACH
202-00842	Removal of Mast Arm	Rem Mast Arm	EACH
202-00845	Removal of Traffic Signal Controller	Rem Traf Sig Controller	EACH
202-00848	Removal of Traffic Signal Controller and Cabinet	Rem Traf Sig Control+Cab	EACH
202-00855	Removal of Traffic Signal Controller Cabinet	Rem Traf Sig Control Cab	EACH
202-00858	Removal of Pedestal Pole	Rem Pedestal Pole	EACH
202-00860	Removal of Pedestrian Push Button	Rem Ped Push Button	EACH
202-00870	Removal of Coordination Unit	Rem Coordination Unit	EACH
202-00873	Removal of Tone Decoder	Rem Tone Decoder	EACH
202-00880	Removal of Traffic Signal Vehicle Detector Amplifier	Rem Sig Veh Detector Amp	EACH
202-00882	Removal of Traffic Signal Vehicle Detector (Magnetic Type)	Rem Detector (Magnetic)	EACH
202-00887	Removal of Radar Detection System	Rem Radar Detect Sys	EACH
202-00888	Removal of Video Detection System	Rem Video Detect Sys	EACH
202-00889	Removal of Detectable Warning	Rem of Detect Warning	EACH
202-00890	Removal of Span Wire Cable	Rem Span Wire Cable	LF
202-00895	Removal of Impact Attenuator	Rem of Impact Attenuator	EACH
202-00900	Removal of Concrete Footing	Rem Conc Footing	EACH
202-00950	Removal of Concrete Foundation and Slab	Rem Conc Found/Slab	SY
202-01000	Removal of Fence	Rem Fence	LF
202-01010	Removal Of Silt Fence	Rem Silt Fence	LF
202-01015	Removal of Rockfall Fence	Rem Rockfall Fence	LF
202-01017	Removal of Wire Mesh	Rem of Wire Mesh	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
202-01020	Removal of Noise Barrier Fence	Rem Noise Barrier Fence	LF
202-01030	Removal of Road Closure Gate	Rem of Road Closure Gate	EACH
202-01035	Removal of Gate	Rem of Gate	EACH
202-01040	Removal of HOV Gate	Rem of HOV Gate	EACH
202-01110	Removal of Guardrail Type 1	Rem Gdrail Ty 1	LF
202-01130	Removal of Guardrail Type 3	Rem Gdrail Ty 3	LF
202-01135	Removal of Guardrail Thrie Beam	Rem Gdrail Thrie Beam	LF
202-01140	Removal of Guardrail Type 4	Rem Gdrail Ty 4	LF
202-01150	Removal of Guardrail Type 5	Rem Gdrail Ty 5	LF
202-01170	Removal of Guardrail Type 7	Rem Gdrail Ty 7	LF
202-01175	Removal of Guardrail (Special)	Rem of Guardrail (Spec)	LF
202-01180	Removal of Median Barrier	Rem Median Barrier	LF
202-01190	Removal of Guardrail Type 9	Rem Gdrail Ty 9	LF
202-01200	Removal of High-Tension Cable Barrier	Rem High-Tension Cable Barrier	LF
202-01300	Removal of End Anchorage	Rem End Anchorage	EACH
202-01400	Removal of Cattle Guard	Removal of Cattle Guard	EACH
202-04000	Plug Structure	Plug Structure	EACH
202-04001	Plug Culvert	Plug Culvert	EACH
202-04002	Clean Culvert	Clean Culvert	EACH
202-04003	Clean Culvert (Special)	Clean Culvert (Spec)	EACH
202-04004	Plug Culvert (Special)	Plug Culvert (Spec)	EACH
202-04005	Clean Valve Box	Clean Valve Box	EACH
202-04006	Clean Culvert	Clean Culvert	HOUR
202-04007	Plug Culvert	Plug Culvert	CY
202-04008	Clean Culvert	Clean Culvert	LF
202-04010	Clean Inlet	Clean Inlet	EACH
202-04040	Clean Box Girder	Clean Box Girder	EACH
202-04041	Clean Box Girder (Forms and Debris)	Clean Box Girder (F & D)	SF
202-04042	Clean Box Girder (Organic Material)	Clean Box Girder (O M)	SF
202-04050	Clean Expansion Joint	Clean Exp Joint	LF
202-04060	Dust Abatement	Dust Abatement	L S
202-04100	Abandon Well	Abandon Well	EACH
202-04200	Plug Storage Tank	Plug Storage Tank	EACH
202-04300	Removal of Underground Storage Tank	Rem Underground Storage Tank	EACH
202-05000	Transverse Grooving	Transverse Grooving	SY
202-05002	Sawing Concrete (2 Inch)	Sawing Concrete (2 In)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
202-05004	Sawing Concrete (4 Inch)	Sawing Concrete (4 In)	LF
202-05006	Sawing Concrete (6 Inch)	Sawing Concrete (6 In)	LF
202-05008	Sawing Concrete (8 Inch)	Sawing Concrete (8 In)	LF
202-05010	Sawing Concrete (10 Inch)	Sawing Concrete (10 In)	LF
202-05011	Sawing Concrete (10.5 Inch)	Sawing Concrete (10.5 In)	LF
202-05019	Sawing Concrete (Special)	Sawing Concrete (Spec)	LF
202-05026	Sawing Asphalt Material (6 Inch)	Sawing Asphalt Mat (6 In)	LF
202-05030	Sawing Asphalt Material (10 Inch)	Sawing Asphalt Mat (10 In)	LF
202-05100	Sandblasting Reinforcing Steel	Sandblasting Reinf Steel	SY
202-05150	Sandblasting	Sandblasting	SF
202-05300	Removal and Disposal of Paint	Rem and Disposal of Paint	L S
202-06000	Removal of Detour	Rem Detour	L S
202-06500	Removal of Restraining Bar	Rem of Restraining Bar	L S
202-06510	Removal of Inspection Car Rail	Rem of Inspection Car Rail	L S
202-06520	Removal of Existing Wall Panels	Rem of Existing Wall Panels	L S
202-06530	Clean Drain Pipe (Special)	Clean Drain Pipe (Spec)	EACH
202-07000	Obliterate Old Road	Oblit Old Road	L S
202-07100	Removal of Access Road (Special)	Rem of Access Rd (Spec)	L S
202-07200	Removal of Temporary Stream Crossing	Rem of Temporary Stream Crossing	EACH
203-00000	Unclassified Excavation	Uncl Excav	CY
203-00010	Unclassified Excavation (Complete In Place)	Uncl Excav (CIP)	CY
203-00012	Unclassified Excavation (Complete In Place) (Special)	Uncl Excav (CIP) (Spec)	CY
203-00014	Unclassified Excavation (River Bottom Material Salvage and Replacement)	Uncl Ex (River Bttm Matl Salv and Repl)	CY
203-00015	Unclassified Excavation (Channel Grading)	Uncl Ex (Channel Grading)	CY
203-00040	Unclassified Excavation (Special)	Uncl Excav (Spec)	CY
203-00041	Unclassified Excavation (Special)	Uncl Excav (Spec)	TON
203-00050	Unsuitable Material	Unsuitable Material	CY
203-00060	Embankment Material (Complete In Place)	Emb Matl (CIP)	CY
203-00061	Embankment Material (Complete In Place)	Emb Matl (CIP)	TON
203-00062	Embankment Material (Complete In Place) (Special)	Emb Matl (CIP) (Spec)	CY
203-00065	Embankment Material (Complete In Place) (R20)	Emb Matl (CIP) (R20)	CY
203-00066	Embankment Material (Complete In Place) (R40)	Emb Matl (CIP) (R40)	CY
203-00068	Embankment Material (Complete in Place) (R30)	Emb Matl (CIP) (R30)	CY
203-00100	Muck Excavation	Muck Excav	CY
203-00200	Borrow	Borrow	CY



Master Item Code Book - Spec Year 05

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203-00210	Borrow (Complete In Place)	Borrow (CIP)	CY
203-00400	Rock Excavation	Rock Excav	CY
203-00440	Rock Excavation (Special)	Rock Excav (Spec)	CY
203-00450	Rock Removal	Rem Rock	EACH
203-00500	Rock Fill	Rock Fill	CY
203-00510	Rock Fill (Special)	Rock Fill (Spec)	CY
203-00590	Rock Placement	Rock Placement	CY
203-00592	Rock Staining	Rock Staining	SF
203-00595	Rock Scaling	Rock Scaling	SY
203-00596	Rock Scaling	Rock Scaling	L S
203-00598	Rock Scaling	Rock Scaling	HOUR
203-00599	Rock Scaler	Rock Scaler	HOUR
203-00600	Stripping	Stripping	CY
203-00700	Reclaim Pit	Reclaim Pit	EACH
203-00705	Access Pit	Access Pit	EACH
203-00710	Clay Plating (Complete In Place)	Clay Plating (CIP)	CY
203-00810	Sawdust Fill (Complete In Place)	Sawdust Fill (CIP)	CY
203-00840	Expanded Polystyrene Fill	Polystyrene Fill	CY
203-00850	Expanded Polystyrene Fill (Complete In Place)	Polystyrene Fill (CIP)	CY
203-00900	Contaminated Soil Excavation	Contaminated Soil Excav	CY
203-00910	Contaminated Soil Excavation and Disposal (Off-Site)	Contam Soil Excav & Disposal (Off-Site)	CY
203-01000	Irregular Channel Toe	Irregular Channel Toe	LF
203-01020	Compaction (AASHTO T 99)	Compaction (AASHTO T 99)	CY
203-01030	Compaction (AASHTO T 180)	Compaction (AASHTO T 180)	CY
203-01100	Proof Rolling	Proof Rolling	HOUR
203-01120	Vibratory Rolling	Vibratory Rolling	HOUR
203-01140	Rolling	Rolling	HOUR
203-01200	Roadway Insulation Material (2 Inch)	Roadway Insulation Mat (2 In)	SF
203-01500	Blading	Blading	HOUR
203-01510	Backhoe	Backhoe	HOUR
203-01515	Backhoe (Landscaping)	Backhoe (Landscaping)	HOUR
203-01520	Backhoe (Special)	Backhoe (Spec)	EACH
203-01525	Backhoe (Special)	Backhoe (Spec)	HOUR
203-01548	Pump	Pump	DAY
203-01549	Pump	Pump	HOUR
203-01550	Dozing	Dozing	HOUR



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
203-01551	Dozing (Heavy)	Dozing (Heavy)	HOUR
203-01555	Dozing (Landscaping)	Dozing (Landscaping)	HOUR
203-01565	Hydraulic Excavator	Hydraulic Excavator	HOUR
203-01580	Truck	Truck	HOUR
203-01582	Truck (Dump)	Truck (Dump)	HOUR
203-01583	Truck (Tractor)	Truck (Tractor)	HOUR
203-01590	Front End Loader (Rubber Tire)	Front End Loader (Rubber)	HOUR
203-01591	Front End Loader (Crawler)	Front End Loader (Crawler)	HOUR
203-01592	Front End Loader (Special)	Front End Loader (Special)	HOUR
203-01594	Combination Loader	Combination Loader	HOUR
203-01596	Potholing With Surveying and Stationing of U/G Utilities	Potholing W/ Surveying	L S
203-01597	Potholing	Potholing	HOUR
203-01598	Potholing (Special)	Potholing (Spec)	EACH
203-01600	Crane (Crawler)	Crane (Crawler)	HOUR
203-01610	Crane (Rubber Tire)	Crane (Rubber Tire)	HOUR
203-01615	Crane (Scaling)	Crane (Scaling)	HOUR
203-01620	Sweeping	Sweeping	HOUR
203-01622	Sweeping (With Pickup Broom)	Sweeping (With Pickup Broom)	HOUR
203-01625	Hydraulic Excavator Scaling	Hydraulic Excavator Scaling	HOUR
203-01700	Transport	Transport	HOUR
203-02000	Drilling and Blasting	Drill and Blast	LF
203-02060	Presplitting	Presplitting	LF
203-02300	Rock Scaler	Rock Scaler	HOUR
203-02310	Scaler Foreperson	Scaler Foreperson	HOUR
203-02312	Hand Scaling	Hand Scaling	HOUR
203-02315	Mechanized Scaling	Mechanized Scaling	HOUR
203-02320	Blaster	Blaster	HOUR
203-02324	Blast Vibration Monitoring	Blast Vibration Monitoring	L S
203-02330	Laborer	Laborer	HOUR
203-62340	Salaried Foreperson and Pickup	Salaried Foreperson and Pickup	HOUR
204-00010	Haul	Haul	TM
206-00000	Structure Excavation	Str Excav	CY
206-00010	Structure Excavation (Special)	Str Excav (Spec)	CY
206-00050	Structure Backfill (Special)	Str Bkfl (Spec)	CY
206-00060	Structure Backfill (Special) (Flow-Fill)	Str Bkfl (Spec) (Flow-Fill)	CY
206-00065	Structure Backfill (Flow-Fill)	Str Bkfl (Flow-Fill)	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
206-00066	Structure Backfill (Flowable Fly Ash)	Str Bkfl (FF Ash)	CY
206-00070	Structure Backfill (Controlled Low Strength Materials)	Str Bkfl (CLSM)	CY
206-00100	Structure Backfill (Class 1)	Str Bkfl (CL 1)	CY
206-00105	Cement Treated Base	Cement Treated Base	CY
206-00200	Structure Backfill (Class 2)	Str Bkfl (CL 2)	CY
206-00300	Structure Backfill (Class 3)	Str Bkfl (CL 3)	CY
206-00360	Mechanical Reinforcement of Soil	Mechanical Reinforcement of Soil	CY
206-00505	Filter Material (Special)	Filter Matl (Spec)	CY
206-00510	Filter Material (Class A)	Filter Matl (CL A)	CY
206-00520	Filter Material (Class B)	Filter Matl (CL B)	CY
206-00530	Filter Material (Class C)	Filter Matl (CL C)	CY
206-01000	Bed Course Material	Bed Course Matl	CY
206-01001	Bed Course Material (Special)	Bed Course Matl (Spec)	CY
206-01010	Bed Course Material	Bed Course Matl	TON
206-01025	Rock Blanket (1 Foot)	Rock Blanket (1 Ft)	SY
206-01500	Cofferdam	Cofferdam	L S
206-01600	Temporary Excavation Support	Temp Excav Support	L S
206-01750	Shoring	Shoring	L S
206-01781	Shoring (Area 1)	Shoring (A 1)	L S
206-01782	Shoring (Area 2)	Shoring (A 2)	L S
206-01783	Shoring (Area 3)	Shoring (A 3)	L S
206-01784	Shoring (Area 4)	Shoring (A 4)	L S
206-01785	Shoring (Area 5)	Shoring (A 5)	L S
206-01786	Shoring (Area 6)	Shoring (A 6)	L S
206-01787	Shoring (Area 7)	Shoring (A 7)	L S
206-01788	Shoring (Area 8)	Shoring (A 8)	L S
206-01789	Shoring (Area 9)	Shoring (A 9)	L S
206-01790	Shoring (Area 10)	Shoring (A 10)	L S
206-01791	Shoring (Area 11)	Shoring (A 11)	L S
206-01792	Shoring (Area 12)	Shoring (A 12)	L S
206-01793	Shoring (Area 13)	Shoring (A 13)	L S
206-01794	Shoring (Area 14)	Shoring (A 14)	L S
206-01795	Shoring (Area 15)	Shoring (A 15)	L S
206-01796	Shoring (Area 16)	Shoring (A 16)	L S
206-01797	Shoring (Area 17)	Shoring (A 17)	L S
206-01798	Shoring (Area 18)	Shoring (A 18)	L S

Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
206-01799	Shoring (Area 19)	Shoring (A 19)	L S
206-01800	Shoring (Area 20)	Shoring (A 20)	L S
206-01801	Shoring (Area 21)	Shoring (A 21)	L S
206-01802	Shoring (Area 22)	Shoring (A 22)	L S
206-01803	Shoring (Area 23)	Shoring (A 23)	L S
206-01804	Shoring (Area 24)	Shoring (A 24)	L S
206-01805	Shoring (Area 25)	Shoring (A 25)	L S
206-01806	Shoring (Area 26)	Shoring (A 26)	L S
206-01807	Shoring (Area 27)	Shoring (A 27)	L S
206-01808	Shoring (Area 28)	Shoring (A 28)	L S
206-01809	Shoring (Area 29)	Shoring (A 29)	L S
206-01810	Shoring (Area 30)	Shoring (A 30)	L S
206-01811	Shoring (Area 31)	Shoring (A 31)	L S
206-01812	Shoring (Area 32)	Shoring (A 32)	L S
206-01813	Shoring (Area 33)	Shoring (A 33)	L S
206-01814	Shoring (Area 34)	Shoring (A 34)	L S
206-01815	Shoring (Area 35)	Shoring (A 35)	L S
206-01816	Shoring (Area 36)	Shoring (A 36)	L S
206-01817	Shoring (Area 37)	Shoring (A 37)	L S
206-01818	Shoring (Area 38)	Shoring (A 38)	L S
206-01819	Shoring (Area 39)	Shoring (A 39)	L S
207-00205	Topsoil	Topsoil	CY
207-00210	Stockpile Topsoil	Stockpile Topsoil	CY
207-00305	Wetland Topsoil	Wetland Topsoil	CY
207-00310	Stockpile Wetland Topsoil	Stockpile Wetland Topsoil	CY
207-00405	Topsoil (Special)	Topsoil (Spec)	CY
207-00602	Topsoil (Engineered)	Topsoil (Engineered)	CY
207-00604	Subsoil Preparation	Subsoil Prep	SY
207-00606	Topsoil (Imported)	Topsoil (Imported)	CY
207-00700	Topsoil (Onsite)	Topsoil (Onsite)	CY
207-00701	Subsoil	Subsoil	CY
207-00702	Topsoil (Offsite)	Topsoil (Offsite)	CY
207-00703	Topsoil (Wetland)	Topsoil (WetInd)	CY
207-00704	Subgrade Soil Preparation	Sub Soil Prep	SY
207-00706	Seeding Media	Seeding Media	CY
207-01110	Planter Soil Mix	Planter Soil Mix	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
208-00001	Silt Dike	Silt Dike	LF
208-00002	Erosion Log Type 1 (12 Inch)	Erosion Log Type 1 (12 In)	LF
208-00004	Silt Berm	Silt Berm	LF
208-00006	Erosion Log (Special)	Erosion Log (Special)	LF
208-00007	Erosion Log Type 2 (8 Inch)	Erosion Log Type 2 (8 In)	LF
208-00008	Erosion Log Type 2 (12 Inch)	Erosion Log Type 2 (12 In)	LF
208-00009	Erosion Log Type 2 (18 Inch)	Erosion Log Type 2 (18 In)	LF
208-00011	Erosion Bales (Weed Free)	Erosion Bales (Weed Free)	EACH
208-00012	Erosion Log Type 1 (9 Inch)	Erosion Log Type 1 (9 In)	LF
208-00013	Erosion Log Type 1 (20 Inch)	Erosion Log Type 1 (20 In)	LF
208-00014	Silt Dike (Type 2)(6 Inch)	Silt Dike (Type 2)(6 In)	LF
208-00015	Sand Bag	Sand Bag	EACH
208-00016	Erosion Log Type 1 (Special) (12 Inch)	Erosion Log Type 1 (Special) (12 In)	LF
208-00017	Erosion Log Type 2 Biodegradable Netting (12 Inch)	Erosion Log Type 2 BioD Netting (12 In)	LF
208-00019	Silt Fence (Reinforced)(Special)	Silt Fence (Reinforced)(Special)	LF
208-00020	Silt Fence	Silt Fence	LF
208-00021	Silt Fence (Reinforced)	Silt Fence (Reinf)	LF
208-00022	Erosion Log (Type 3)(9 Inch)	Erosion Log (Type 3)(9 In)	LF
208-00023	Erosion Log (Type 3)(12 Inch)	Erosion Log (Type 3)(12 In)	LF
208-00024	Erosion Log (Type 3)(20 Inch)	Erosion Log (Type 3)(20 In)	LF
208-00025	Plastic Sheeting	Plastic Sheeting	SY
208-00026	Coir Roll	Coir Roll	LF
208-00027	Silt Fence (Type 2)	Silt Fence (Type 2)	LF
208-00028	Erosion Log (Type 4)(12 Inch)	Erosion Log (Type 4)(12 In)	LF
208-00030	Sediment Basin	Sediment Basin	EACH
208-00033	Sediment Trap	Sediment Trap	EACH
208-00035	Aggregate Bag	Aggregate Bag	LF
208-00036	Aggregate Bag (Special)	Aggregate Bag (Special)	LF
208-00041	Rock Check Dam	Rock Check Dam	EACH
208-00045	Concrete Washout Structure	Conc Washout Str	EACH
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	Pre-fab Conc Washout Str (Type 1)	EACH
208-00051	Storm Drain Inlet Protection (Type I)	Storm Drain Inlet Protection (Type I)	LF
208-00052	Storm Drain Inlet Protection (Type II)	Storm Drain Inlet Protection (Type II)	LF
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	Storm Drain Inlet Protect (Ty I)(84 In)	EACH
208-00054	Storm Drain Inlet Protection (Type II)	Storm Drain Inlet Protection (Type II)	EACH
208-00055	Rigid Inlet Protection Device	Rigid Inlet Prot Device	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
208-00056	Storm Drain Inlet Protection (Type III)	Storm Drain Inlet Protection (Type III)	EACH
208-00057	Storm Drain Inlet Protection (Type I) (144 inch)	Storm Drain Inlet Protect (Ty I)(144 In)	EACH
208-00058	Storm Drain Inlet Protection (Type I) (204 Inch)	Storm Drain Inlet Protect (Ty I)(204 In)	EACH
208-00059	Storm Drain Inlet Protection (Rubber Mat)	Storm Drain Inlet Protection(Rubber Mat)	EACH
208-00060	Temporary Slope Drain	Temporary Slope Drain	LF
208-00070	Vehicle Tracking Pad	Vehicle Tracking Pad	EACH
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	Maint Aggregate (Veh Track Pad)	CY
208-00075	Pre-fabricated Vehicle Tracking Pad	Pre-fab Vehicle Track Pad	EACH
208-00080	Wetlands Construction Entrance	Wetlands Construction Entrance	EACH
208-00082	Construction Mat	Construction Mat	SF
208-00090	Erosion Control (Curb Ramp)	Erosion Control (Curb Ramp)	EACH
208-00103	Removal and Disposal of Sediment (Labor)	Removal and Disposal of Sediment (Labor)	HOUR
208-00105	Removal and Disposal of Sediment (Equipment)	Removal and Disposal of Sediment (Equip)	HOUR
208-00106	Sweeping (Sediment Removal)	Sweeping (Sediment Removal)	HOUR
208-00107	Removal of Trash	Rem Trash	HOUR
208-00146	Pre-fabricated Concrete Washout Structure (Type 2)	Pre-fab Conc Washout Str (Type 2)	EACH
208-00200	Erosion Control Management	Erosion Control Management	L S
208-00207	Erosion Control Management	Erosion Control Management	DAY
208-00300	Temporary Berms	Temporary Berms	LF
208-00301	Temporary Diversion	Temporary Diversion	LF
208-00302	Temporary Spill Berm (Special)	Temp Spill Berm (Special)	LF
208-00303	Temporary Diversion (Special)	Temporary Diversion (Special)	LF
208-00400	Water Control	Water Control	L S
208-00500	Swale Protection Type 1	Swale Protect Type 1	LF
208-00502	Swale Protection Type 2	Swale Protect Type 2	LF
208-00503	Swale Protection Type 3	Swale Protect Type 3	LF
208-00504	Swale Protection Type 4	Swale Protect Type 4	LF
208-00505	Swale Protection Type 5	Swale Protect Type 5	LF
208-00506	Swale Protection Type 6	Swale Protection Type 6	LF
208-00520	Temporary Stream Crossing	Temp Stream Crossing	L S
208-00521	Temporary Stream Crossing	Temp Stream Crossing	EACH
209-00000	Water	Water	MGAL
209-00100	Water (Landscaping)	Water (Landscaping)	MGAL
209-00200	Time-Released Water Product	Time-Released Water Product	EACH
209-00300	Water Treat Processing (Tunnel)	Water Treat Pro (Tunnel)	MGAL
209-00600	Dust Palliative (Magnesium Chloride)	Dust Palliative (Mg Cl)	GAL



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
209-00605	Dust Palliative (Magnesium Chloride)(Special)	Dust Palliative (Mg Cl)(Spec)	GAL
210-00001	Reset Structure	Res Structure	EACH
210-00002	Reset Structure	Reset Structure	L S
210-00007	Reset Wheel Stop	Res Wheel Stop	EACH
210-00009	Reset Communications Cabinet	Res Communications Cabinet	EACH
210-00010	Reset Mailbox Structure	Res Mailbox Str	EACH
210-00011	Reset Mailbox Structure (Type 1)	Res Mailbox Str (Ty 1)	EACH
210-00012	Reset Mailbox Structure (Type 2)	Res Mailbox Str (Ty 2)	EACH
210-00013	Reset Mailbox Structure (Type 3)	Res Mailbox Str (Ty 3)	EACH
210-00014	Reset Mailbox Structure (Type 4)	Res Mailbox Str (Ty 4)	EACH
210-00015	Reset End Section	Res End Section	EACH
210-00030	Reset Water Service	Res Water Service	EACH
210-00035	Reset Water Meter	Res Water Meter	EACH
210-00037	Reset Irrigation Pump	Reset Irrigation Pump	EACH
210-00040	Reset Water Line	Res Water Line	L S
210-00045	Reset Slide Headgate	Res Slide Headgate	EACH
210-00050	Reset Fire Hydrant	Res Fire Hydrant	EACH
210-00055	Reset Utility Pad-Mounted Transformer	Res Util Pad-Mount Trans	EACH
210-00056	Reset Utility Secondary Service Pedestal	Res Util Sec Serv Ped	EACH
210-00060	Reset Marker	Res Marker	EACH
210-00065	Reset Monument (Type 3A)	Res Monument (Ty 3A)	EACH
210-00066	Reset Monument Box	Reset Monument Box	EACH
210-00070	Reset Barricade	Res Barricade	EACH
210-00075	Reset Pre-Fabricated Vehicle Tracking Pad	Reset Pre-Fab Veh Tracking Pad	EACH
210-00080	Reset Control Measure	Reset Control Measure	HOUR
210-00090	Reset Delineator	Res Delineator	EACH
210-00094	Reset LED Lane Markings	Res LED Lane Markings	EACH
210-00100	Reset Trash Guard	Res Trash Guard	EACH
210-00200	Reset Flagpole	Reset Flagpole	EACH
210-00300	Reset Brick Pavers	Res Brick Pavers	SY
210-00400	Reset Bridge Expansion Device	Res Expan Device	LF
210-00410	Modify Bridge Expansion Device	Modify Bridge Expan Device	EACH
210-00415	Repair Rail Expansion Joint	Repair Rail Expan Joint	EACH
210-00420	Reset Timbers	Res Timbers	L S
210-00425	Reset Bridge Railing	Res Bridge Railing	LF
210-00427	Reset Pipe Handrailing	Res Pipe Handrailing	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
210-00440	Repair Curb	Repair Curb	LF
210-00442	Patch Bridge Curb	Patch Bridge Curb	LF
210-00444	Replace Bridge Curb	Replace Bridge Curb	LF
210-00450	Repair Overhead Sign Structure	Repair Overhead Sign Structure	L S
210-00451	Repair Overhead Sign Structure	Rep Overhead Sign Str	EACH
210-00455	Repair Post-Tensioning System	Rep P-Tension Sys	L S
210-00472	Reset Metal Panels	Res Metal Panels	LF
210-00473	Reset TV Cameras	Res TV Cameras	EACH
210-00474	Reset Traffic Controller Signal Head	Res Traf Contr Signal Head	EACH
210-00475	Reset Closed Circuit Television Pole	Res CCTV Pole	EACH
210-00476	Reset Microwave Vehicle Radar Detector (MVRD)	Reset MVRD	EACH
210-00477	Reset Weather Station	Reset Weather Station	EACH
210-00478	Modify Power Control Board	Modify Power Control Board	L S
210-00479	Reset Radio Communication Antenna	Res Radio Com Antenna	EACH
210-00480	Pier Restoration	Pier Restoration	L S
210-00481	Reset Dedicated Short Range Communications(DSRC) (Roadside Unit)	Reset DSRC (Roadside Unit)	EACH
210-00500	Rebuild Portions of Present Structure	Reb Port Present Str	EACH
210-00510	Rebuild Portions of Present Structure	Reb Port Present Str	L S
210-00520	Rebuild Portions of Present Structure	Reb Port Present Str	SY
210-00530	Rebuild Portions of Present Structure	Rebuild Port of Present Str	SF
210-00650	Rebuild Timber Deck	Reb Timber Deck	L S
210-00750	Reset Light Standard	Res Light Standard	EACH
210-00755	Reset Light Standard Steel High Mast	Res Light Standard Steel High Mast	EACH
210-00760	Reset Luminaire	Res Luminaire	EACH
210-00765	Reset Lighting Control	Res Light Ctrl	L S
210-00766	Reset Lighting Control Center	Res Light Ctrl Cntr	EACH
210-00770	Reset Floodlight	Reset Floodlight	EACH
210-00804	Reset Over Height Vehicle Warning Siren	Res Over Height Veh Warn Siren	EACH
210-00805	Reset Overhead Sign Structure	Res Overhead Sign Str	EACH
210-00806	Reset Over Height Vehicle Detector	Res Over Height Veh Detector	EACH
210-00807	Reset Over Height Vehicle Blank Out Sign	Res Over Height Veh Blank Out Sign	EACH
210-00808	Reset Overpass Mounted Sign Bracket	Res Overpass Sign Brkt	EACH
210-00809	Reset Blankout Sign (Fiber Optic)	Res Blank Sign (Fib Opt)	EACH
210-00810	Reset Ground Sign	Res Ground Sign	EACH
210-00815	Reset Sign Panel	Res Sign Panel	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
210-00816	Reset Sign Panel (Special)	Res Sign Panel (Spec)	EACH
210-00820	Reset Variable Message Sign	Res Var Mesg Sign	EACH
210-00822	Portable Message Sign Panel (Reset)	Port Msg Sign Panel (Reset)	EACH
210-00825	Reset Flashing Beacon	Res Flashing Beacon	EACH
210-00827	Reset Pull Box	Res Pull Box	EACH
210-00830	Reset Traffic Signal Face	Res Traf Sig Face	EACH
210-00831	Reset Traffic Signal Head	Res Traf Sig Head	EACH
210-00840	Reset Traffic Signal Pole	Res Traf Sig Pole	EACH
210-00842	Reset Traffic Signal Mast Arm	Res Traf Sig Mast Arm	EACH
210-00845	Reset Traffic Signal Controller	Res Traf Sig Cntrlr	EACH
210-00846	Portable Non-Intrusive Traffic Sensor (Reset)	Port Non-Intrus Traf Sens (Reset)	EACH
210-00847	Reset Travel Time Indicator	Res Trav Time Ind	EACH
210-00848	Reset Traffic Signal Controller and Cabinet	Res Traf Sig Control+Cab	EACH
210-00855	Reset Traffic Signal Controller Cabinet	Res Traf Sig Control Cab	EACH
210-00858	Reset Pedestal Pole	Res Pedestal Pole	EACH
210-00859	Modify Pedestrian Push Button	Mod Ped Push Button	EACH
210-00860	Reset Pedestrian Push Button	Res Ped Push Button	EACH
210-00861	Reset Wiring	Reset Wiring	L S
210-00865	Reset Pedestrian Signal Head	Res Ped Sig Head	EACH
210-00866	Reset Fire Preemption Unit and Timer	Res Fire Preempt Unit+Timer	EACH
210-00867	Reset Fire Preemption Unit	Res Fire Preempt Unit	EACH
210-00870	Reset Coordination Unit	Res Coordination Unit	EACH
210-00873	Reset Tone Decoder	Res Tone Decoder	EACH
210-00875	Reset Surface Condition Analyser	Res Surface Cond Analyser	EACH
210-00880	Reset Traffic Signal Vehicle Detector Amplifier	Res Sig Veh Detector Amp	EACH
210-00882	Reset Traffic Signal Vehicle Detector	Res Detector	EACH
210-00885	Reset Loop Detector (Micro Type)	Res Loop Detector (Micro Type)	EACH
210-00890	Reset Intersection Detection System (Camera)	Res Int Detect Sys (Camera)	EACH
210-00891	Reset Photometer	Reset Photometer	EACH
210-00892	Portable Pan-Tilt-Zoom Camera (Reset)	Port Pan-Tilt-Zoom Cam (Reset)	EACH
210-00900	Reset Traffic Counter (Temp)	Res Traffic Counter (Temp)	EACH
210-00910	Reset Traffic Counter (Permanent)	Res Traffic Counter (Perm)	EACH
210-01000	Reset Fence	Res Fence	LF
210-01001	Modify Fence	Modify Fence	LF
210-01005	Reset Fence Post	Res Fence Post	EACH
210-01010	Reset Gate Post	Res Gate Post	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
210-01011	Reset Gate	Res Gate	EACH
210-01025	Reset Snow Fence	Res Snow Fence	LF
210-01050	Reset Chain Link Fence	Res C L Fence	LF
210-01130	Reset Guardrail Type 3	Res Gdrail Ty 3	LF
210-01131	Reset Guardrail Type 3 (Special)(2 Foot)	Res Gdrail Type 3 (Spec)(2 Ft)	LF
210-01132	Reset Guardrail Type 3 (Special)(1 Foot)	Res Gdrail Ty 3 (Spec)(1 Ft)	LF
210-01136	Reset Guardrail Type 3 (Double)	Res Gdrail Ty 3 (Dbl)	LF
210-01140	Reset Guardrail Type 4	Res Gdrail Ty 4	LF
210-01150	Reset Guardrail Type 5	Res Gdrail Ty 5	LF
210-01160	Reset Guardrail Type 6	Res Gdrail Ty 6	LF
210-01170	Reset Guardrail Type 7	Res Gdrail Ty 7	LF
210-01180	Reset Guardrail (Special)	Reset Guardrail (Special)	LF
210-01190	Reset High-Tension Cable Barrier	Reset High-Tension Cable Barrier	LF
210-01200	Reset End Anchorage	Res End Anchorage	EACH
210-01300	Reset Impact Attenuator	Res Impact Attenuator	EACH
210-01700	Reset Sprinkler Head	Res Sprinkler Head	EACH
210-01710	Reset Valve	Res Valve	EACH
210-01720	Reset Air Vent	Res Air Vent	EACH
210-01730	Reset Parshall Flume	Res Parshall Flume	EACH
210-01996	Relay Pipe (3/4 Inch)	Relay Pipe (3/4 In)	LF
210-02002	Relay Pipe (2 Inch)	Relay Pipe (2 In)	LF
210-02003	Relay Pipe (3 Inch)	Relay Pipe (3 In)	LF
210-02004	Relay Pipe (4 Inch)	Relay Pipe (4 In)	LF
210-02006	Relay Pipe (6 Inch)	Relay Pipe (6 In)	LF
210-02008	Relay Pipe (8 Inch)	Relay Pipe (8 In)	LF
210-02009	Relay Pipe (9 Inch)	Relay Pipe (9 In)	LF
210-02010	Relay Pipe (10 Inch)	Relay Pipe (10 In)	LF
210-02012	Relay Pipe (12 Inch)	Relay Pipe (12 In)	LF
210-02015	Relay Pipe (15 Inch)	Relay Pipe (15 In)	LF
210-02016	Relay Pipe (16 Inch)	Relay Pipe (16 In)	LF
210-02018	Relay Pipe (18 Inch)	Relay Pipe (18 In)	LF
210-02021	Relay Pipe (21 Inch)	Relay Pipe (21 In)	LF
210-02024	Relay Pipe (24 Inch)	Relay Pipe (24 In)	LF
210-02027	Relay Pipe (27 Inch)	Relay Pipe (27 In)	LF
210-02030	Relay Pipe (30 Inch)	Relay Pipe (30 In)	LF
210-02036	Relay Pipe (36 Inch)	Relay Pipe (36 In)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
210-02042	Relay Pipe (42 Inch)	Relay Pipe (42 In)	LF
210-02048	Relay Pipe (48 Inch)	Relay Pipe (48 In)	LF
210-02054	Relay Pipe (54 Inch)	Relay Pipe (54 In)	LF
210-02060	Relay Pipe (60 Inch)	Relay Pipe (60 In)	LF
210-02066	Relay Pipe (66 Inch)	Relay Pipe (66 In)	LF
210-02072	Relay Pipe (72 Inch)	Relay Pipe (72 In)	LF
210-02078	Relay Pipe (78 Inch)	Relay Pipe (78 In)	LF
210-02084	Relay Pipe (84 Inch)	Relay Pipe (84 In)	LF
210-02130	Relay Arch Pipe (30 Inch Equivalent)	Relay Arch Pipe (30 In)	LF
210-02136	Relay Arch Pipe (36 Inch Equivalent)	Relay Arch Pipe (36 In)	LF
210-02300	Grout Test Section	Grout Test Sct	SY
210-02510	Relay Sprinkler System	Relay Sprinkler System	L S
210-02800	Relay Sidewalk	Relay Sidewalk	SY
210-02804	Grinding: Sidewalk and/or Curb Ramp Repair	Grinding: Sidwlk and/or Curb Ramp Repair	LF
210-02806	Grinding: Slope Correction	Grinding: Slope Correction	SF
210-02900	Relay Riprap	Relay Riprap	CY
210-03100	Replace Concrete Pavement	Replace Conc Pvmt	SY
210-04000	Adjust Structure	Adj Structure	EACH
210-04005	Heat Straightening	Heat Straightening	SF
210-04006	Heat Straightening (Special)	Heat Straightening (Spec)	L S
210-04007	Heat Straightening (Special)	Heat Straightening (Spec)	EACH
210-04010	Adjust Manhole	Adj Manhole	EACH
210-04011	Adjust Manhole (Special)	Adj Manhole (Spec)	EACH
210-04015	Modify Manhole	Modify Manhole	EACH
210-04016	Modify Manhole (Special)	Modify Manhole (Spec)	EACH
210-04020	Modify Inlet	Modify Inlet	EACH
210-04022	Modify Inlet (Post Tensioned Slab)	Modify Inlet (Post Tensioned Slab)	EACH
210-04025	Modify Structure	Modify Structure	EACH
210-04027	Modify Structure (Special)	Modify Str (Spec)	EACH
210-04028	Modifications to Existing Portals	Mod to Exist Portals	EACH
210-04030	Modify Guardrail	Modify Guardrail	LF
210-04035	Modify Guardrail (Special)	Modify Guardrail (Spec)	LF
210-04050	Adjust Valve Box	Adj Valve Box	EACH
210-04051	Adjust Valve Box (Special)	Adj Valve Box (Spec)	EACH
210-04060	Adjust Water Meter	Adj Water Meter	EACH
210-04070	Adjust Well	Adjust Well	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
210-04200	Adjust Guardrail	Adj Gdrail	LF
210-04500	Relocate Building	Relocate Building	L S
211-00000	Tunnel Excavation	Tunnel Excav	CY
211-00001	Tunnel Excavation	Tunnel Excav	LF
211-00002	Tunnel Excavation (Rock Tunneling)	Tunnel Ex (Rock Tunneling)	LF
211-00003	Bench Excavation (Rock)	Bench Excavation (Rock)	LF
211-00004	Bench Excavation (Soil)	Bench Excavation (Soil)	LF
211-00005	Tunnel Excavation (Haul)	Tunnel Excav (H)	CY
211-00006	Heading Excavation	Heading Excavation	LF
211-00007	Mine Strap	Mine Strap	EACH
211-00010	Rock Excavation (Class A)	Rock Ex (CL A)	CY
211-00011	Rock Excavation (Class B)	Rock Ex (CL B)	CY
211-00012	Rock Excavation (Class C)	Rock Ex (CL C)	CY
211-00013	Rock Excavation (Class D)	Rock Ex (CL D)	CY
211-00014	Rock Excavation (Class E)	Rock Ex (CL E)	CY
211-00015	Rock Excavation (Class F)	Rock Ex (CL F)	CY
211-00050	Adit Excavation	Adit Excav	LF
211-00100	Drilling Hole	Drilling Hole	LF
211-00105	1 Inch Drilled Hole	1 In Drilled Hole	LF
211-00116	2 Inch Drilled Hole	2 In Drilled Hole	LF
211-00118	2 Inch Drilled Hole (Formation)	2 In Drilled Hole (Formation)	EACH
211-00124	3 Inch Drilled Hole	3 In Drilled Hole	LF
211-00136	4 Inch Drilled Hole	4 In Drilled Hole	LF
211-00148	6 Inch Drilled Hole	6 In Drilled Hole	LF
211-00150	Patch Existing Drill Hole	Patch Exist Drill Hole	EACH
211-00152	Drain System Flushing (Setup)	Drain Sys Flush (Setup)	EACH
211-00153	Drain System Flushing	Drain Sys Flush	DAY
211-00212	1-1/2 Inch Core Drilled Hole	1-1/2 In Core Drilled Hole	LF
211-00220	2 Inch Cored Drilled Hole	2 In Cored Drilled Hole	EACH
211-00222	2 Inch Core Drilled Hole (Voids)	2 In Core Drilled Hole (Voids)	EACH
211-00224	3 Inch Core Drilled Hole	3 In Core Drilled Hole	LF
211-00225	4 Inch Core Drilled Hole	4 Inch Core Drilled Hole	LF
211-00972	Spile #9x15 Foot Grade 60 Dowel, Grouted	Spile #9x15 Ft Gr 60 Dwl, Grtd	EACH
211-00974	Arch #9x15 Foot Grade 75 Dowel, Grouted	Arch #9x15 Ft Gr 75 Dwl, Grtd	EACH
211-00976	Sidewall #9x15 Foot Grade 75 Dowel, Grouted	Sidewall #9x15 Ft Gr 75 Dwl, Grtd	EACH
211-00978	Pillar #9x15 Foot Grade 75 Dowel, Grouted	Pillar #9x15 Ft Gr 75 Dwl, Grtd	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
211-00980	Spile #9 x 14 Foot, Grade 60 Grouted	Spile #9 x 14 Ft Gr 60 Grouted	EACH
211-00981	Spile #11 x 20 Foot, Grade 60 Grouted	Spile #11 x 20 Ft Gr 60 Grouted	EACH
211-00982	Arch #9 x 16 Foot, Grade 75 Dowel, Resin Grouted	Arch #9 x 16 Ft Gr 75 Dwl Res Grouted	EACH
211-00983	Sidewall #9 x 12 Foot, Grade 75 Dowel, Resin Grouted	Side #9 x 12 Ft Gr 75 Dwl Res Grouted	EACH
211-00984	Sidewall #9 x 16 Foot, Grade 75 Dowel, Resin Grouted	Side #9 x 16 Ft Gr 75 Dwl Res Grouted	EACH
211-00985	Supplemental Rock Reinforcement (Dowels)	Supp Rock Reinf (Dowels)	LF
211-00986	Supplemental Support #9 x 14 Foot, Grade 75 Spile Grouted	Supl Supp #9 x 14 Ft Gr 75 Spile Grouted	LF
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
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
211-01016	Rock Bolt (2 Inch)	Rock Bolt (2 In)	LF
211-01024	Rock Bolt (3 Inch)	Rock Bolt (3 In)	LF
211-01100	Rock Reinforcement (Bolts)	Rock Reinf (Bolts)	EACH
211-01110	Rock Reinforcement (Dowels)	Rock Reinf (Dowels)	EACH
211-01111	Rock Reinforcement (Dowels)	Rock Reinf (Dowels)	LF
211-01115	Rock Reinforcement (Number 10)	Rock Reinf (No.10)	LF
211-01120	Rock Reinforcement (Spiles)	Rock Reinf (Spiles)	LF
211-01121	Rock Reinforcement (Temporary A)	Rock Reinf (Temp A)	LF
211-01122	Rock Reinforcement (Temporary B)	Rock Reinf (Temp B)	LF
211-01123	Rock Reinforcement (Permanent A)	Rock Reinf (Perm A)	LF
211-01124	Rock Reinforcement (Permanent B)	Rock Reinf (Perm B)	LF
211-01130	Auxiliary Anchor Dowel	Auxil Anchor Dowel	EACH
211-01150	Rock Reinforcement Tests	Rock Reinf Tests	EACH
211-01160	Trial Pull Test	Trial Pull Test	EACH
211-01170	Borehole Extensometers	Borehole Extensometers	LF
211-01180	Pressure Cell Pairs	Pressure Cell Pairs	EACH
211-01190	Optical Survey Targets	Optical Survey Targets	EACH
211-01195	Convergence Reference Point Arrays	Conv Ref Point Arrays	EACH
211-01200	Rock Anchor	Rock Anchor	LF
211-01250	Rock Bolt	Rock Bolt	LF
211-01300	Rock Anchor	Rock Anchor	EACH
211-01409	Rock Anchor (9 Foot)	Rock Anchor (9 Ft)	EACH
211-01450	Portable Rockfall Fence	Portable Rockfall Fence	L S
211-01455	Rock Tiedown Anchor (Cement Grouted)	Rock Tiedown Anchor (Cem Gr)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
211-01456	Rock Tiedown Anchor (Cement Grouted)	Rock Tiedown Anchor (Cem Gr)	EACH
211-01511	Rock Reinforcement Resin Grouted Number 11 Rock Bolt	Rock Reinf (R G No.11) RB	LF
211-02012	Soil Anchor (1-1/4 Inch)	Soil Anchor (1-1/4 In)	LF
211-02116	Rock Dowel	Rock Dowel	LF
211-02205	Buttress Berm Grouting	Buttress Berm Grouting	TON
211-02210	Pre Grouting	Pre Grouting	TON
211-02220	Re-Grouting	Re-Grouting	TON
211-02230	Grouting Connection	Grout Conn	EACH
211-02232	Grouting Connection (Pre-Grout)	Grout Conn (Pre-Grout)	EACH
211-02233	Grouting Connection (Contact Grout)	Grout Conn (Contact Grout)	EACH
211-02240	Contact Grouting	Contact Grouting	TON
211-02250	Steel Pipe For Grouting	Steel Pipe For Grouting	LB
211-02260	Chemical Grout	Chemical Grout	GAL
211-02270	Cement Grout	Cement Grout	CF
211-02275	Cement Grout	Cement Grout	CY
211-02277	Cement Grout (Voids)	Cement Grout (Voids)	CY
211-02278	Cement Grout (Formation)	Cement Grout (Formation)	CY
211-02280	Type A Grout	Type A Grout	TON
211-02290	Type B Grout	Type B Grout	TON
211-02300	Grout Test Section	Grout Test Sct	SY
211-03001	Dewatering Special	Dewatering Special	MGAL
211-03005	Dewatering	Dewatering	L S
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
211-05002	Crack Preparation (Type 2)	Crack Preparation (Type 2)	LF
211-05003	Crack Preparation (Type 3)	Crack Preparation (Type 3)	LF
212-00005	Seeding (Native)	Seeding (Native)	LB
212-00006	Seeding (Native)	Seeding (Native)	ACRE
212-00007	Seeding (Native) (Hydraulic)	Seeding (Native) (Hydraulic)	ACRE
212-00009	Seeding (Temporary)	Seeding (Temporary)	ACRE
212-00010	Seeding (Lawn)	Seeding (Lawn)	LB
212-00011	Seeding (Lawn)	Seeding (Lawn)	ACRE
212-00012	Seeding (Furnished)	Seeding (Furnished)	ACRE
212-00015	Seeding (Forbs)	Seeding (Forbs)	LB
212-00020	Seeding (Forbs)	Seeding (Forbs)	OZ
212-00022	Seeding (Riparian)	Seeding (Riparian)	ACRE



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
212-00023	Seeding (Upland Forest)	Seeding (Upland Forest)	ACRE
212-00024	Seeding (Upland Grassland)	Seeding (Upland Grassland)	ACRE
212-00025	Seeding (Shrubs)	Seeding (Shrubs)	LB
212-00027	Seeding (Trees)	Seeding (Trees)	LB
212-00028	Seeding (Wetlands)	Seeding (Wetlands)	ACRE
212-00032	Soil Conditioning	Soil Conditioning	ACRE
212-00040	Soil Preparation (Lawn)	Soil Preparation (Lawn)	ACRE
212-00047	Soil Preparation (Special)	Soil Preparation (Spec)	ACRE
212-00048	Soil Preparation (Special)	Soil Preparation (Spec)	CY
212-00050	Sod	Sod	SF
212-00055	Sod (Buffalograss)	Sod (Buffalograss)	SF
212-00100	Tree Retention and Protection	Tree Retention and Protection	L S
212-00700	Organic Fertilizer	Organic Fertilizer	LB
212-00701	Compost (Mechanically Applied)	Compost (Mech App)	CY
212-00702	Biotic Soil Amendments (Hydraulically Applied)	Bio Soil Amd (Hyd App)	LB
212-00703	Humate	Humate	LB
212-00704	Mycorrhizae	Mycorrhizae	LB
212-00705	Elemental Sulfur	Elemental Sulfur	LB
212-00706	Seeding (Native) Drill	Seed (Native) Drill	ACRE
212-00707	Seeding (Native) Hydraulic	Seed (Native) Hyd	ACRE
212-00708	Seeding (Native) Broadcast	Seed (Native) Brdcst	ACRE
212-00709	Seeding (Wetland) Drill	Seeding (Wetland) Drill	ACRE
212-00710	Seeding (Wetland) Hydraulic	Seeding (Wetland) Hydraulic	ACRE
212-00711	Seeding (Wetland) Broadcast	Seeding (Wetland) Broadcast	ACRE
212-00900	Compost	Compost	CY
212-01200	Landscape Restoration	Landscape Restoration	L S
213-00000	Mulching	Mulching	ACRE
213-00001	Mulching	Mulching	TON
213-00002	Mulching (Weed Free Hay)	Mulching (Weed Free Hay)	ACRE
213-00003	Mulching (Weed Free)	Mulching (Weed Free)	ACRE
213-00004	Mulching (Weed Free Straw)	Mulching (Weed Free Straw)	ACRE
213-00005	Mulching (Decorative)	Mulching (Decorative)	CF
213-00006	Mulching (Weed Free)	Mulching (Weed Free)	TON
213-00007	Mulching (Wood Strand)	Mulching (Wood Strand)	ACRE
213-00008	Mulching (Wood Chip)	Mulching (Wood Chip)	CF
213-00009	Flexible Growth Medium	Flexible Growth Medium	ACRE



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
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
213-00020	Compost Blanket	Compost Blanket	SY
213-00061	Mulch Tackifier	Mulch Tackifier	LB
213-00065	Inorganic Mulch	Inorg Mulch	CY
213-00066	Mulch (Paper Base)	Mulch (Paper Base)	ACRE
213-00067	Rock Mulch (Weed Free)	Rock Mulch (Weed Free)	SF
213-00070	Landscape Weed Barrier Fabric	Landscape Weed Barr Fabric	SY
213-00071	Vegetation Control Mat	Vegetation Control Mat	SY
213-00150	Bonded Fiber Matrix	Bonded Fiber Matrix	ACRE
213-00151	Bonded Fiber Matrix	Bonded Fiber Matrix	LB
213-00212	12 Inch Root Barrier	12 In Root Barrier	LF
213-00218	18 Inch Root Barrier	18 In Root Barrier	LF
213-00300	Concrete Landscape Border	Conc Landscape Border	LF
213-00400	Metal Landscape Border (Install Only)	Inst Landscape Border	LF
213-00440	Metal Landscape Border (1/8x4 Inch)	Landscape Border (1/8x4 In)	LF
213-00460	Metal Landscape Border (3/16x4 Inch)	Landscape Border (3/16x4 In)	LF
213-00462	Metal Landscape Border (3/16 X 5-1/2 Inch)	Landscape Border (3/16x5-1/2 In)	LF
213-00468	Metal Landscape Border (3/16x10 Inch)	Landscape Border (3/16x10 In)	LF
213-00470	Metal Landscape Border (1/4x5 Inch)	Landscape Border (1/4x5 In)	LF
213-00500	Tree Grate	Tree Grate	EACH
213-00510	Tree Grate (Install Only)	Inst Tree Grate	EACH
213-00550	Tree Ring	Tree Ring	LF
213-00600	Landscape Log	Landscape Log	LF
213-00610	Landscape Log	Landscape Log	EACH
213-00700	Landscape Boulder	Landscape Boulder	EACH
213-00705	Landscape Boulder (Special)	Landscape Boulder (Special)	EACH
213-00800	Brush Fill	Brush Fill	CY
214-00000	Landscape Maintenance	Landscape Maintenance	L S
214-00001	Landscape Maintenance (2018)	Landscape Maintenance (2018)	L S
214-00002	Landscape Maintenance (2019)	Landscape Maintenance (2019)	L S
214-00003	Landscape Maintenance (2020)	Landscape Maintenance (2020)	L S
214-00004	Landscape Maintenance (Cedar Cove)	Landscape Maintenance (Cedar Cove)	L S
214-00005	Landscape Maintenance (24 Month)	Landscape Maintenance (24 Month)	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
214-00008	Extended Landscape Preservation	Extended Landscape Preservation	L S
214-00010	Temporary Irrigation	Temp Irrigation	L S
214-00145	Plant Protection Fence	Plant Protect Fence	LF
214-00155	Plant (Ball and Burlap)	Plant (B and B)	EACH
214-00160	Plant (Ball and Burlap) (Furnish Only)	Furn Plant (B and B)	EACH
214-00161	Plant (Ball and Burlap) (Install Only)	Inst Plant (B and B)	EACH
214-00201	Deciduous Tree (Tubeling)	Deciduous Tree (Tubeling)	EACH
214-00205	Deciduous Tree (5 Gallon Container)	Deciduous Tree (5 Gal)	EACH
214-00210	Deciduous Tree (1 Inch Caliper)	Deciduous Tree (1 In C)	EACH
214-00215	Deciduous Tree (1.5 Inch Caliper)	Deciduous Tree (1.5 In C)	EACH
214-00217	Deciduous Tree (1.5 Inch Caliper) (Furnish Only)	Furn Decid Tree (1.5 In C)	EACH
214-00220	Deciduous Tree (2 Inch Caliper)	Deciduous Tree (2 In C)	EACH
214-00222	Deciduous Tree (2 Inch Caliper) (Furnish Only)	Decid Tree (2 In Cal) (Furnish)	EACH
214-00225	Deciduous Tree (2.5 Inch Caliper)	Deciduous Tree (2.5 In C)	EACH
214-00227	Deciduous Tree (2.5 Inch Caliper) (Furnish Only)	Furn Deciduous Tree (2.5 In C)	EACH
214-00230	Deciduous Tree (3 Inch Caliper)	Deciduous Tree (3 In C)	EACH
214-00235	Deciduous Tree (3.5 Inch Caliper)	Deciduous Tree (3.5 In C)	EACH
214-00240	Deciduous Tree (4 Inch Caliper)	Deciduous Tree (4 In C)	EACH
214-00260	Deciduous Tree (6 Foot)	Deciduous Tree (6 Ft)	EACH
214-00262	Deciduous Tree (6 Foot) (Furnish Only)	Furn Decid Tree (6 Ft)	EACH
214-00280	Deciduous Tree (8 Foot)	Deciduous Tree (8 Ft)	EACH
214-00282	Deciduous Tree (8 Foot) (Furnish Only)	Furn Decid Tree (8 Ft)	EACH
214-00301	Deciduous Shrub (Tubeling)	Deciduous Shrub (Tubeling)	EACH
214-00310	Deciduous Shrub (1 Gallon Container)	Deciduous Shrub (1 Gal)	EACH
214-00320	Deciduous Shrub (2 Gallon Container)	Deciduous Shrub (2 Gal)	EACH
214-00330	Deciduous Shrub (3 Gallon Container)	Deciduous Shrub (3 Gal)	EACH
214-00350	Deciduous Shrub (5 Gallon Container)	Deciduous Shrub (5 Gal)	EACH
214-00365	Plant (2 1/2 Inch Caliper) (Furnish Only)	Furn Plant (2.5 C)	EACH
214-00370	Deciduous Shrub (7 Gallon Container)	Deciduous Shrub (7 Gal)	EACH
214-00401	Evergreen Tree (Tubeling)	Evergreen Tree (Tubeling)	EACH
214-00410	Evergreen Tree (1 Gallon Container)	Evergreen Tree (1 Gal)	EACH
214-00450	Evergreen Tree (5 Gallon Container)	Evergreen Tree (5 Gal)	EACH
214-00455	Evergreen Tree (5 Gallon) (Install Only)	Install Evergreen Tree (5 Gal)	EACH
214-00470	Evergreen Tree (7 Gallon Container)	Evergreen Tree (7 Gal)	EACH
214-00502	Evergreen Tree (2 Foot) (Ball and Burlap)	Evergreen Tree (2 Ft)(B-B)	EACH
214-00504	Evergreen Tree (4 Foot) (Ball and Burlap)	Evergreen Tree (4 Ft)(B-B)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
214-00505	Evergreen Tree (4 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (4 Ft)(B-B)	EACH
214-00506	Evergreen Tree (6 Foot) (Ball and Burlap)	Evergreen Tree (6 Ft)(B-B)	EACH
214-00507	Evergreen Tree (6 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (6 Ft)(B-B)	EACH
214-00508	Evergreen Tree (8 Foot) (Ball and Burlap)	Evergreen Tree (8 Ft)(B-B)	EACH
214-00509	Evergreen Tree (8 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (8 Ft)(B-B)	EACH
214-00510	Evergreen Tree (10 Foot) (Ball and Burlap)	Evergreen Tree(10 Ft)(B-B)	EACH
214-00511	Evergreen Tree (10 Foot) (Ball and Burlap) (Furnish Only)	Furn Evergreen Tree (10 Ft)(B-B)	EACH
214-00512	Evergreen Tree (12 Foot) (Ball and Burlap)	Evergreen Tree(12 Ft)(B-B)	EACH
214-00514	Evergreen Tree (14 Foot) (Ball and Burlap)	Evergreen Tree(14 Ft)(B-B)	EACH
214-00601	Evergreen Shrub (Tubeling)	Evergreen Shrub (Tubeling)	EACH
214-00610	Evergreen Shrub (1 Gallon Container)	Evergreen Shrub (1 Gal)	EACH
214-00630	Evergreen Shrub (3 Gallon Container)	Evergreen Shrub (3 Gal)	EACH
214-00650	Evergreen Shrub (5 Gallon Container)	Evergreen Shrub (5 Gal)	EACH
214-00670	Evergreen Shrub (7 Gallon Container)	Evergreen Shrub (7 Gal)	EACH
214-00701	Broadleaf Evergreen Shrub (Tubeling)	Brdlf Evgrn Shrub (Tubeling)	EACH
214-00710	Broadleaf Evergreen Shrub (1 Gallon Container)	Brdlf Evgrn Shrub (1 Gal)	EACH
214-00730	Broadleaf Evergreen Shrub (3 Gallon Container)	Brdlf Evgrn Shrub (3 Gal)	EACH
214-00750	Broadleaf Evergreen Shrub (5 Gallon Container)	Brdlf Evgrn Shrub (5 Gal)	EACH
214-00770	Broadleaf Evergreen Shrub (7 Gallon Container)	Brdlf Evgrn Shrub (7 Gal)	EACH
214-00801	Ground Cover Vines (Tubeling)	Gr Cover Vines (Tubeling)	EACH
214-00805	Ground Cover Vines (2.25 Inch Pots)	Gr Cover Vines (2.25 In Pot)	EACH
214-00810	Ground Cover Vines (1 Gallon Container)	Gr Cover Vines (1 Gal)	EACH
214-00850	Ground Cover Vines (5 Gallon Container)	Gr Cover Vines (5 Gal)	EACH
214-00901	Perennials (Tubeling)	Perennials (Tubeling)	EACH
214-00905	Perennials (2.25 Inch Pot)	Perennials (2.25 In Pot)	EACH
214-00908	Perennials (1 Quart Container)	Perennials (1 Qt)	EACH
214-00910	Perennials (1 Gallon Container)	Perennials (1 Gal)	EACH
214-00950	Perennials (5 Gallon Container)	Perennials (5 Gal)	EACH
214-01000	Bulb	Bulb	EACH
214-01009	Brush Windrow	Brush Windrow	LF
214-01010	Brush Layer Cutting	Brush Layer Cutting	EACH
214-01011	Live Brush Mattress	Live Brush Mattress	LF
214-01012	Live Brush Fascine	Live Brush Fascine	LF
214-01013	Live Willow Stakes	Live Willow Stakes	EACH
214-01014	Live Willow Brush	Live Willow Brush	EACH
214-01015	Willow Cuttings	Willow Cuttings	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
214-01016	Live Willow Poles	Live Willow Poles	EACH
214-01018	Live Brush Soil Lift	Live Brush Soil Lift	LF
214-01019	Single Soil Lift	Single Soil Lift	LF
214-01020	Hedge Layer Plant	Hedge Layer Plant	EACH
214-01025	Dormant Log Cutting	Dormant Log Cutting	EACH
214-01031	Facines	Facines	EACH
214-01032	Large Woody Material	Large Woody Material	EACH
214-01130	Beaver Dam Analog	Beaver Dam Analog	LF
214-01140	Plant Shade Shelter	Plant Shade Shelter	EACH
214-01200	Plant (Tubeling)	Plant (Tubeling)	EACH
214-01210	Plant (Tubeling) (Furnish Only)	Furn Plant (Tubeling)	EACH
214-01215	Plant (Tubeling) (Install Only)	Inst Plant (Tubeling)	EACH
214-01220	Plant (Bareroot) (Furnish Only)	Furn Plant (Bareroot)	EACH
214-01225	Plant (Bareroot) (Install Only)	Inst Plant (Bareroot)	EACH
214-01227	Rootwad	Rootwad	EACH
214-01228	Riprap Planting Pocket	Riprap Planting Pocket	EACH
214-01229	Wetland Sod Mat	Wetland Sod Mat	SF
214-01230	Plant (2.25 Inch Pot) (Furnish Only)	Furn Plant (2.25 In Pot)	EACH
214-01235	Plant (2.25 Inch Pot) (Install Only)	Inst Plant (2.25 In Pot)	EACH
214-01310	Plant (1 Gallon Container) (Furnish Only)	Furn Plant (1 Gal)	EACH
214-01315	Plant (1 Gallon Container) (Install Only)	Inst Plant (1 Gal)	EACH
214-01350	Plant (5 Gallon Container) (Furnish Only)	Furn Plant (5 Gal)	EACH
214-01355	Plant (5 Gallon Container) (Install Only)	Inst Plant (5 Gal)	EACH
214-01370	Plant (7 Gallon Container) (Furnish Only)	Furn Plant (7 Gal)	EACH
214-01375	Plant (7 Gallon Container) (Install Only)	Inst Plant (7 Gal)	EACH
214-01401	Nursery Stock Deep Rooted Container (DRC # 10)	Nursery Stock Container (DRC #10)	EACH
214-01402	Nursery Stock Deep Rooted Container (DRC # 40)	Nursery Stock Container (DRC # 40)	EACH
214-01403	Nursery Stock Deep Rooted Container (DRC # 60)	Nursery Stock Container (DRC # 60)	EACH
214-01404	Nursery Stock Deep Rooted Container (DRC # 180)	Nursery Stock Container (DRC # 180)	EACH
214-01405	Nursery Stock Deep Rooted Container (DRC # 300)	Nursery Stock Container (DRC # 300)	EACH
214-01410	Nursery Stock Small Pot Container (#SP4)	Nursery Stock Container (# SP4)	EACH
214-01420	(SNC #1) Nursery Stock Container	(SNC #1) Nursery Stock Container	EACH
214-01421	(SNC #5) Nursery Stock Container	(SNC #5) Nursery Stock Container	EACH
214-01422	(SNC #10) Nursery Stock Container	(SNC #10) Nursery Stock Container	EACH
214-01424	(SNC #20) Nursery Stock Container	(SNC #20) Nursery Stock Container	EACH
215-00000	Transplant Shrub	Transplant Shrub	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
215-00001	Transplant Shrub	Transplant Shrub	SY
215-00010	Transplant Tree	Transplant Tree	EACH
215-00030	Transplant Tree (1.5 to 3 Inch)	Transplant Tree (1.5-3 In)	EACH
215-00060	Transplant Tree (3 to 6 Inch)	Transplant Tree (3-6 In)	EACH
215-00100	Transplant Tree (Over 6 Inch)	Transplant Tree (6+ In)	EACH
215-00200	Transplant Tree (Ball and Burlap)	Transplant Tree (B-B)	EACH
215-00500	Transplant Seedling	Transplant Seedling	EACH
215-00600	Transplant Plug	Transplant Plug	EACH
215-00700	Transplant Sod	Transplant Sod	SY
216-00013	Mulch Netting (Plastic)	Mulch Netting (Plastic)	SY
216-00015	Soil Retention Blanket (Excelsior)	Soil Reten Blanket (Excel)	SY
216-00021	Soil Retention Blanket (Class 1)	Soil Reten Blanket (CI 1)	SY
216-00022	Soil Retention Blanket (Class 2)	Soil Reten Blanket (CI 2)	SY
216-00023	Soil Retention Blanket (Class 3)	Soil Reten Blanket (CI 3)	SY
216-00024	Soil Retention Blanket (Class 4)	Soil Reten Blanket (CI 4)	SY
216-00030	Soil Retention Blanket (Special)	Soil Reten Blanket (Spec)	SY
216-00035	Soil Retention Blanket (Plastic)	Soil Reten Blanket (Plastic)	SY
216-00036	Soil Retention Blanket (Plastic)(Special)	Soil Reten Blanket (Plastic)(Spec)	SY
216-00037	Soil Retention Blanket (Coconut)	Soil Reten Blanket (Coconut)	SY
216-00039	Soil Retention Blanket (Straw)	Soil Reten Blanket (Straw)	SY
216-00041	Soil Retention Blanket (Straw/Coconut)	Soil Reten Blanket (S/C)	SY
216-00042	Soil Retention Blanket (Biodegradable Straw/Coconut)	Soil Retent Blanket (BioD S/C)	SY
216-00045	Soil Retention Mat (Cellular)	Soil Reten Mat (Cell)	SY
216-00047	Soil Wrap (Coir and Jute)	Soil Wrap (Coir and Jute)	SY
216-00050	Soil Retention Grid	Soil Reten Grid	SY
216-00060	Soil Retention System	Soil Reten System	SY
216-00066	Concrete Block Soil Retention System	Concrete Block SRS	SY
216-00070	Geocell Cellular Confinement System	Geocell Confinement Sys	SY
216-00101	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	Soil Reten Blanket (S-C)(PhotoD CI 1)	SY
216-00102	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 2)	Soil Reten Blanket (S-C)(PhotoD CI 2)	SY
216-00111	Soil Retention Blanket (Excelsior)(Photodegadable Class 1)	Soil Reten Blanket (Excel)(PhotoD CI 1)	SY
216-00112	Soil Retention Blanket (Excelsior)(Photodegadable Class 2)	Soil Reten Blanket (Excel)(PhotoD CI 2)	SY
216-00121	Soil Retention Blanket (Coconut)(Photodegradable Class	Soil Reten Blanket (Coconut)(PhotoD CI)	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
	1)		
216-00122	Soil Retention Blanket (Coconut)(Photodegradable Class 2)	Soil Reten Blanket(Coconut)(PhotoD CI 2)	SY
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	Soil Reten Blanket (S-C)(BioD CI 1)	SY
216-00202	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 2)	Soil Reten Blanket (S-C)(BioD CI 2)	SY
216-00211	Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	Soil Reten Blanket (Exc)(BioD CI 1)	SY
216-00212	Soil Retention Blanket (Excelsior) (Biodegradable Class 2)	Soil Reten Blanket (Exc)(BioD CI 2)	SY
216-00221	Soil Retention Blanket (Coconut) (Biodegradable Class 1)	Soil Reten Blanket (C)(BioD CI 1)	SY
216-00222	Soil Retention Blanket (Coconut) (Biodegradable Class 2)	Soil Reten Blanket (C)(BioD CI 2)	SY
216-00230	Earth Anchors	Earth Anchors	EACH
216-00301	Turf Reinforcement Mat (Class 1)	Turf Reinf Mat (CI 1)	SY
216-00302	Turf Reinforcement Mat (Class 2)	Turf Reinf Mat (CI 2)	SY
216-00303	Turf Reinforcement Mat (Class 3)	Turf Reinf Mat (CI 3)	SY
216-00304	Turf Reinforcement Mat (Special)	Turf Reinforcement Mat (Special)	SY
216-00306	Coir Mat	Coir Mat	SY
217-00000	Herbicide Treatment	Herbicide Treatment	SY
217-00010	Pre-Emergent Herbicide	Pre-Emergent Herbicide	SY
217-00015	Noxious Weed Management	Noxious Weed Management	SY
217-00020	Herbicide Treatment	Herbicide Treatment	HOUR
217-00100	Root Control Fabric	Root Control Fabric	LF
218-00000	Noxious Weed Management	Noxious Weed Management	L S
240-00000	Wildlife Biologist	Wildlife Biologist	HOUR
240-00001	Wildlife Biologist	Wildlife Biologist	DAY
240-00010	Removal of Nests	Rem of Nests	HOUR
240-00015	Protection of Migratory Birds	Protect Migratory Birds	HOUR
240-00017	Protection of Migratory Birds	Protect Migratory Birds	L S
240-00020	Netting	Netting	SY
240-00100	Prairie Dog Management	Prairie Dog Mgmt	L S
240-00200	Bat House	Bat House	EACH
250-00010	Environmental Health and Safety Management	Envir Health/Safety Mngmt	L S
250-00050	Monitoring Technician	Monitoring Technician	HOUR
250-00100	Environmental Health and Safety	Environmental Health and Safety	L S
250-00110	Health and Safety Officer	Health and Safety Officer	HOUR
250-00120	Material Sampling and Delivery	Material Sampling and Delivery	EACH
250-00200	Material Handling (Stockpile)	Material Handling (Stockpile)	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
250-00204	Materials Management Plan	Materials Management Plan	L S
250-00210	Solid Waste Disposal	Solid Waste Disposal	CY
250-00215	Solid Waste Disposal (Special)	Solid Waste Disposal (Spec)	CY
250-00220	Hazardous Waste Disposal	Hazardous Waste Disposal	CY
250-00224	Hazardous Waster Disposal (Radioactive)	Hazardous Waster Disposal (Radioactive)	CY
250-00230	Trap and Treat BOS-200, gypsum dry weight	Trap and Treat BOS-200	LB
250-00235	Coating Lead-Based Paint	Coating Lead-Based Paint	GAL
250-00240	Subsurface Bioenhancement Injection	Subsurface Bioenhancement Inj	EACH
250-00300	Water Treatment System	Water Treatment System	EACH
250-00310	Water Treatment	Water Treatment	MGAL
250-10005	Custom Fire Extinguisher Cabinet	Custom Fire Extinguisher Cab	EACH
250-10023	Fire Preemption Unit (Install Only)	Inst Fire Preempt Unit	EACH
251-00000	Paint Testing and Analysis Management	Paint Testing and Analysis Mngmt	L S
301-06000	Plant Mix Bituminous Base (Class 6)	PMBB (CL 6)	TON
301-06020	Plant Mix Bituminous Base (Class 6) (Asphalt)	PMBB (CL 6) (Asph)	TON
301-10020	Permeable Asphalt Treated Base (Asphalt)	PATB (Asph)	TON
304-01000	Aggregate Base Course (Class 1)	ABC (CL 1)	TON
304-01005	Aggregate Base Course (Class 1)	ABC (CL 1)	CY
304-02000	Aggregate Base Course (Class 2)	ABC (CL 2)	TON
304-02005	Aggregate Base Course (Class 2)	ABC (CL 2)	CY
304-02027	Aggregate Base Course (Class 2) (Furnish Only)	ABC (CL 2) (Furn Only)	CY
304-03000	Aggregate Base Course (Class 3)	ABC (CL 3)	TON
304-03005	Aggregate Base Course (Class 3)	ABC (CL 3)	CY
304-03006	Aggregate Base Course (Class 3) (Special)	ABC (CL 3) (Spec)	TON
304-04000	Aggregate Base Course (Class 4)	ABC (CL 4)	TON
304-05000	Aggregate Base Course (Class 5)	ABC (CL 5)	TON
304-05006	Aggregate Base Course (Class 5)(Special)	ABC (CL 5)(Spec)	SY
304-05009	Aggregate Base Course (Class 5)(Special)	ABC (CL 5)(Spec)	TON
304-06000	Aggregate Base Course (Class 6)	ABC (CL 6)	TON
304-06004	Aggregate Base Course (Class 6)	ABC (CL 6)	SY
304-06007	Aggregate Base Course (Class 6)	ABC (CL 6)	CY
304-06008	Aggregate Base Course (Class 6) (Special)	ABC (CL 6) (Spec)	CY
304-06009	Aggregate Base Course (Class 6) (Special)	ABC (CL 6) (Spec)	TON
304-06010	Aggregate Base Course (Class 6)(Special) (Furnish Only)	ABC (CL 6)(Spec)(Furn Only)	CY
304-06011	Aggregate Base Course (Class 6) (Special)(Install Only)	ABC (CL 6)(Spec)(Install Only)	CY
304-06020	Aggregate Base Course (Class 6) (Furnish Only)	ABC (CL 6) (Furn Only)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
304-06027	Aggregate Base Course (Class 6) (Furnish Only)	ABC (CL 6) (Furn Only)	CY
304-07000	Aggregate Base Course (Class 7)	ABC (CL 7)	TON
304-07005	Aggregate Base Course (Class 7)	ABC (CL 7)	CY
304-07009	Aggregate Base Course (Class 7) (Special)	ABC (CL 7) (Spec)	TON
304-07010	Aggregate Base Course (Class 7) (Special)	ABC (CL 7) (Spec)	CY
304-08000	Aggregate Base Course (Shoulder Material)	ABC (Shoulder Material)	TON
304-08002	Aggregate Base Course (Shoulder Material)	ABC (Shoulder Material)	CY
304-09000	Aggregate Base Course (Special)	ABC (Spec)	CY
304-09001	Aggregate Base Course (Special) (Install Only)	ABC (Spec) (Install Only)	CY
304-09002	Aggregate Base Course (Special)(Furnish Only)	ABC (Special)(Furnish Only)	CY
304-09006	Aggregate Base Course (Special)	ABC (Spec)	SY
304-09014	Aggregate Base Course (Special)	ABC (Spec)	TON
304-09020	Permeable Aggregate Base Course	ABC (Permeable)	TON
304-09055	Aggregate Base Course (Blotter Material)	ABC (Blotter)	TON
304-09100	Aggregate Base Course (Recycled Asphalt Pavement)	ABC (RAP)	TON
304-09102	Aggregate Base Course (Recycled Asphalt Pavement)	ABC (RAP)	CY
304-09200	Stockpile Aggregate Base Course (Special)	Stockpile ABC (Spec)	TON
304-09220	Stockpile Aggregate Base Course (Special)	Stockpile ABC (Spec)	L S
306-00000	Reconditioning	Reconditioning	MILE
306-01000	Reconditioning	Reconditioning	SY
307-00000	Hydrated Lime	Hydrated Lime	TON
307-00075	Fly Ash	Fly Ash	TON
307-00200	Processing Lime Treated Subgrade	Lime Tr Subgrade	SY
307-00206	Processing Lime Treated Subgrade (6 Inch)	Lime Tr Subgrade (6 In)	SY
307-00208	Processing Lime Treated Subgrade (8 Inch)	Lime Tr Subgrade (8 In)	SY
307-00209	Processing Lime Treated Subgrade (9 Inch)	Lime Tr Subgrade (9 In)	SY
307-00210	Processing Lime Treated Subgrade (10 Inch)	Lime Tr Subgrade (10 In)	SY
307-00212	Processing Lime Treated Subgrade (12 Inch)	Lime Tr Subgrade (12 In)	SY
307-00250	Processing Fly Ash Treated Subgrade	Fly Ash Tr Subgrade	SY
308-00100	Processing Cement Treated Base	Cement Tr Base	SY
308-00200	Cement Kiln Dust	Cem Kiln Dust	T
308-00210	Processing CKD Treated Subgrade (12 In)	CKD Tr Subgrade (12 In)	SY
308-00300	Stabilized Subgrade	Stabilized Subgrade	SY
308-00305	Stabilize Subgrade (Special)	Stabilize Subgrade (Special)	SY
308-00500	Fiber Reinforced Soilcrete	Fiber Reinf Soilcrete	CY
308-09000	Lean Concrete	Lean Concrete	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
309-10600	Lean Concrete Base (6 Inch)	Lean Concrete Base (6 In)	SY
310-00400	Process Asphalt Mat For Base Course	Process Asphalt Mat For Base Course	SY
310-00500	Full Depth Reclamation of Hot Mix Asph Pavement	Full Depth Reclam of Hot Mix Asph Pvmt	SY
310-00608	Full Depth Reclamation of Hot Mix Asphalt Pavement (0-8")	Full Depth Reclam. of HMA Pvmt (0-8 in.)	SY
310-00610	Full Depth Reclamation of Hot Mix Asphalt Pavement (8-12")	Full Depth Reclam. of HMA Pvmt (8-12 in)	SY
310-00614	Full Depth Reclamation Of Hot Mix Asphalt Pavement (12-16")	Full Depth Reclam of HMA Pvmt (12-16 in)	SY
310-00700	Asphalt Emulsion Full Depth Reclamation	Asphalt Emulsion Full Depth Reclamation	SY
310-00800	Process Cement Treated Full Depth Reclamation	Process Cem Tr Full Depth Reclam	SY
310-00900	Hydraulic Cement	Hydraulic Cement	TON
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	HMA (Patching) (Asph)	TON
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	HMA (Patching) (Asph)	SY
403-00722	Hot Mix Asphalt (Patching)(Asphalt)(Special)	HMA (Patching)(Asph)(Spec)	LF
403-00800	Emergency Pothole Repair	Emerg Pothole Rep	TON
403-01000	Hot Mix Asphalt (Asphalt) (3 Year Warranty)	HMA (Asph) (3 Yr Warranty)	TON
403-01001	Hot Mix Asphalt 3 Year Warranty	HMA 3 Yr Warranty	L S
403-01010	Hot Mix Asphalt (Asphalt) (5 Year Warranty)	HMA (Asph) (5 Yr Warranty)	TON
403-01011	Hot Mix Asphalt 5 Year Warranty	HMA 5 Yr Warranty	L S
403-01014	Hot Mix Asphalt 10 Year Warranty	HMA 10 Yr Warranty	SY
403-01020	Warranted Hot Mix Asphalt System (10 Year)	Warranted HMA (10 Year)	SY
403-01050	Warranted Hot Mix Asphalt System (5 Year)	Warranted HMA (5 Year)	TON
403-02000	Hot Mix Asphalt (Special)	HMA (Spec)	TON
403-05000	Hot Mix Asphalt (Reflective Crack Interlayer)	HMA (RCI)	TON
403-09210	Stone Matrix Asphalt	SMA	TON
403-09211	Stone Matrix Asphalt	SMA	SY
403-09221	Stone Matrix Asphalt (Fibers)(Asphalt)	SMA (Fibers)(Asph)	TON
403-09226	Stone Matrix Asphalt (Asphalt)(Polymer Modified)	SMA (Asph)(P)	TON
403-09500	Furnish Hot Mix Asphalt	Furnish HMA	TON
403-09551	Place Hot Mix Asphalt	Place HMA	HOUR
403-09600	Hot Mix Asphalt (Bond Breaker)	HMA (Bond Breaker)	SY
403-32601	Hot Mix Asphalt (Grading SG) (50)	HMA (Gr SG) (50)	TON
403-32621	Hot Mix Asphalt (Grading SG) (50) (PG 58-28)	HMA (Gr SG) (50) (PG 58-28)	TON
403-32631	Hot Mix Asphalt (Grading SG) (50) (PG 58-34)	HMA (Gr SG) (50) (PG 58-34)	TON
403-32641	Hot Mix Asphalt (Grading SG) (50) (PG 64-22)	HMA (Gr SG) (50) (PG 64-22)	TON
403-32651	Hot Mix Asphalt (Grading SG) (50) (PG 64-28)	HMA (Gr SG) (50) (PG 64-28)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
403-32671	Hot Mix Asphalt (Grading SG) (50) (PG 76-28)	HMA (Gr SG) (50) (PG 76-28)	TON
403-32701	Hot Mix Asphalt (Grading SG) (75)	HMA (Gr SG) (75)	TON
403-32721	Hot Mix Asphalt (Grading SG) (75) (PG 58-28)	HMA (Gr SG) (75) (PG 58-28)	TON
403-32731	Hot Mix Asphalt (Grading SG) (75) (PG 58-34)	HMA (Gr SG) (75) (PG 58-34)	TON
403-32741	Hot Mix Asphalt (Grading SG) (75) (PG 64-22)	HMA (Gr SG) (75) (PG 64-22)	TON
403-32751	Hot Mix Asphalt (Grading SG) (75) (PG 64-28)	HMA (Gr SG) (75) (PG 64-28)	TON
403-32771	Hot Mix Asphalt (Grading SG) (75) (PG 76-28)	HMA (Gr SG) (75) (PG 76-28)	TON
403-32801	Hot Mix Asphalt (Grading SG) (100)	HMA (Gr SG) (100)	TON
403-32821	Hot Mix Asphalt (Grading SG) (100) (PG 58-28)	HMA (Gr SG) (100) (PG 58-28)	TON
403-32831	Hot Mix Asphalt (Grading SG) (100) (PG 58-34)	HMA (Gr SG) (100) (PG 58-34)	TON
403-32841	Hot Mix Asphalt (Grading SG) (100) (PG 64-22)	HMA (Gr SG) (100) (PG 64-22)	TON
403-32851	Hot Mix Asphalt (Grading SG) (100) (PG 64-28)	HMA (Gr SG) (100) (PG 64-28)	TON
403-32871	Hot Mix Asphalt (Grading SG) (100) (PG 76-28)	HMA (Gr SG) (100) (PG 76-28)	TON
403-32901	Hot Mix Asphalt (Grading SG) (125)	HMA (Gr SG) (125)	TON
403-32971	Hot Mix Asphalt (Grading SG) (125) (PG 76-28)	HMA (Gr SG) (125) (PG 76-28)	TON
403-33601	Hot Mix Asphalt (Grading S) (50)	HMA (Gr S) (50)	TON
403-33621	Hot Mix Asphalt (Grading S) (PG 58-28)	HMA (Gr S) (50) (PG 58-28)	TON
403-33631	Hot Mix Asphalt (Grading S) (50) (PG 58-34)	HMA (Gr S) (50) (PG 58-34)	TON
403-33641	Hot Mix Asphalt (Grading S) (50) (PG 64-22)	HMA (Gr S) (50) (PG 64-22)	TON
403-33651	Hot Mix Asphalt (Grading S) (50) (PG 64-28)	HMA (Gr S) (50) (PG 64-28)	TON
403-33671	Hot Mix Asphalt (Grading S) (50) (PG 76-28)	HMA (Gr S) (50) (PG 76-28)	TON
403-33701	Hot Mix Asphalt (Grading S) (75)	HMA (Gr S) (75)	TON
403-33721	Hot Mix Asphalt (Grading S) (75) (PG 58-28)	HMA (Gr S) (75) (PG 58-28)	TON
403-33731	Hot Mix Asphalt (Grading S) (75) (PG 58-34)	HMA (Gr S) (75) (PG 58-34)	TON
403-33741	Hot Mix Asphalt (Grading S) (75) (PG 64-22)	HMA (Gr S) (75) (PG 64-22)	TON
403-33742	Hot Mix Asphalt (Grading S)(75)(PG 64-22)	HMA (Gr S)(75)(PG 64-22)	SY
403-33751	Hot Mix Asphalt (Grading S) (75) (PG 64-28)	HMA (Gr S) (75) (PG 64-28)	TON
403-33752	Hot Mix Asphalt (Grading S)(75)(PG 64-28)	HMA (Gr S)(75)(PG 64-28)	SY
403-33771	Hot Mix Asphalt (Grading S) (75) (PG 76-28)	HMA (Gr S) (75) (PG 76-28)	TON
403-33801	Hot Mix Asphalt (Grading S) (100)	HMA (Gr S) (100)	TON
403-33821	Hot Mix Asphalt (Grading S) (100) (PG 58-28)	HMA (Gr S) (100) (PG 58-28)	TON
403-33831	Hot Mix Asphalt (Grading S) (100) (PG 58-34)	HMA (Gr S) (100) (PG 58-34)	TON
403-33841	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	HMA (Gr S) (100) (PG 64-22)	TON
403-33842	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	HMA (Gr S) (100) (PG 64-22)	SY
403-33851	Hot Mix Asphalt (Grading S) (100) (PG 64-28)	HMA (Gr S) (100) (PG 64-28)	TON
403-33871	Hot Mix Asphalt (Grading S) (100) (PG 76-28)	HMA (Gr S) (100) (PG 76-28)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
403-33872	Hot Mix Asphalt (Grading S) (100) (PG 76-28)	HMA (Gr S) (100) (PG 76-28)	SY
403-33901	Hot Mix Asphalt (Grading S) (125)	HMA (Gr S) (125)	TON
403-33971	Hot Mix Asphalt (Grading S) (125) (PG 76-28)	HMA (Gr S) (125) (PG 76-28)	TON
403-34601	Hot Mix Asphalt (Grading SX) (50)	HMA (Gr SX) (50)	TON
403-34621	Hot Mix Asphalt (Grading SX) (50) (PG 58-28)	HMA (Gr SX) (50) (PG 58-28)	TON
403-34631	Hot Mix Asphalt (Grading SX) (50) (PG 58-34)	HMA (Gr SX) (50) (PG 58-34)	TON
403-34641	Hot Mix Asphalt (Grading SX) (50) (PG 64-22)	HMA (Gr SX) (50) (PG 64-22)	TON
403-34651	Hot Mix Asphalt (Grading SX) (50) (PG 64-28)	HMA (Gr SX) (50) (PG 64-28)	TON
403-34671	Hot Mix Asphalt (Grading SX) (50) (PG 76-28)	HMA (Gr SX) (50) (PG 76-28)	TON
403-34701	Hot Mix Asphalt (Grading SX) (75)	HMA (Gr SX) (75)	TON
403-34721	Hot Mix Asphalt (Grading SX) (75) (PG 58-28)	HMA (Gr SX) (75) (PG 58-28)	TON
403-34722	HMA (Gr SX) (75) (PG 58-28)	HMA (Gr SX) (75) (PG 58-28)	SY
403-34723	Hot Mix Asphalt (Grading SX)(75)(PG 58-28)(3 Inches)	HMA (Gr SX)(75)(PG 58-28)(3 In)	SY
403-34724	Hot Mix Asphalt (Grading SX)(75)(PG 58-28)(4 Inches)	HMA (GrSX)(75)(PG 58-28)(4 In)	SY
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
403-34731	Hot Mix Asphalt (Grading SX) (75) (PG 58-34)	HMA (Gr SX) (75) (PG 58-34)	TON
403-34732	HMA (Gr SX) (75) (PG 58-34)	HMA (Gr SX) (75) (PG 58-34)	SY
403-34733	Hot Mix Asphalt (Grading SX)(75)(PG 58-34)(2 Inches)	HMA (Gr SX)(75)(PG 58-34)(2 In)	SY
403-34741	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	HMA (Gr SX) (75) (PG 64-22)	TON
403-34742	Hot Mix Asphalt (Grading SX)(75)(PG 64-22)	HMA (Gr SX)(75)(PG 64-22)	SY
403-34751	Hot Mix Asphalt (Grading SX) (75) (PG 64-28)	HMA (Gr SX) (75) (PG 64-28)	TON
403-34752	Hot Mix Asphalt (Grade SX)(75)(PG 64-28)	HMA (Gr SX)(75)(PG 64-28)	SY
403-34761	Hot Mix Asphalt (Grading SX) (75) (PG 70-28)	HMA (Gr SX) (75) (70-28)	TON
403-34771	Hot Mix Asphalt (Grading SX) (75) (PG 76-28)	HMA (Gr SX) (75) (PG 76-28)	TON
403-34801	Hot Mix Asphalt (Grading SX) (100)	HMA (Gr SX) (100)	TON
403-34821	Hot Mix Asphalt (Grading SX) (100) (PG 58-28)	HMA (Gr SX) (100) (PG 58-28)	TON
403-34822	Hot Mix Asphalt (Grading SX)(100)(PG 58-28)	HMA (Gr SX)(100)(PG 58-28)	SY
403-34824	Hot Mix Asphalt (Grading SX)(100)(PG 58-28)(Special)	HMA (Gr SX)(100)(PG 58-28)(Special)	TON
403-34831	Hot Mix Asphalt (Grading SX) (100) (PG 58-34)	HMA (Gr SX) (100) (PG 58-34)	TON
403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	HMA (Gr SX) (100) (PG 64-22)	TON
403-34851	Hot Mix Asphalt (Grading SX) (100) (PG 64-28)	HMA (Gr SX) (100) (PG 64-28)	TON
403-34852	Hot Mix Asphalt (Grading SX)(100)(PG 64-28)	HMA (Gr SX)(100)(PG 64-28)	SY
403-34854	Hot Mix Asphalt (Grading SX)(100)(PG 64-28)(2 Inches)	HMA (Gr SX)(100)(PG 64-28)(2 In)	SY
403-34861	Hot Mix Asphalt (Grading SX) (100) (PG 70-28)	HMA (Gr SX) (100) (PG 70-28)	TON
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	HMA (Gr SX) (100) (PG 76-28)	TON
403-34901	Hot Mix Asphalt (Grading SX) (125)	HMA (Gr SX) (125)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
403-34971	Hot Mix Asphalt (Grading SX) (125) (PG 76-28)	HMA (Gr SX) (125) (PG 76-28)	TON
403-35701	Hot Mix Asphalt (Grading S-Fines) (75)	HMA (Gr S-Fines) (75)	TON
403-35721	Hot Mix Asphalt (Grading S-Fines)(75)(PG 58-28)	HMA (Gr S-Fines)(75)(PG 58-28)	TON
403-35731	Hot Mix Asphalt (Grading S-Fines)(PG 58-34)	HMA (Gr S-Fines)(75)(PG 58-34)	TON
403-36601	Hot Mix Asphalt (Grading ST)(50)	HMA (Gr ST)(50)	TON
403-36621	Hot Mix Asphalt (Gr ST)(50)(PG 58-28)	HMA (Gr ST)(50)(PG 58-28)	TON
403-36631	Hot Mix Asphalt (Grading ST)(50)(PG 58-34)	HMA (Gr ST)(50)(PG 58-34)	TON
403-36641	Hot Mix Asphalt (Grading ST)(50)(PG 64-22)	HMA (Gr ST)(50)(PG 64-22)	TON
403-36651	Hot Mix Asphalt (Grading ST)(50)(PG 64-28)	HMA (Gr ST)(50)(PG 64-28)	TON
403-36661	Hot Mix Asphalt (Grading ST)(50)(PG 70-28)	HMA (Gr ST)(50)(PG 70-28)	TON
403-36671	Hot Mix Asphalt (Grading ST)(50)(PG 76-28)	HMA (Gr ST)(50)(PG 76-28)	TON
403-36701	Hot Mix Asphalt (Grading ST)(75)	HMA (Gr ST)(75)	TON
403-36721	Hot Mix Asphalt (Grading ST)(75)(PG 58-28)	HMA (Gr ST)(75)(PG 58-28)	TON
403-36731	Hot Mix Asphalt (Grading ST)(75)(PG 58-34)	HMA (Gr ST)(75)(PG 58-34)	TON
403-36741	Hot Mix Asphalt (Grading ST)(75)(PG 64-22)	HMA (Gr ST)(75)(PG 64-22)	TON
403-36751	Hot Mix Asphalt (Grading ST)(75)(PG 64-28)	HMA (Gr ST)(75)(PG 64-28)	TON
403-36761	Hot Mix Asphalt (Grading ST)(75)(PG 70-28)	HMA(Gr ST)(75)(PG 70-28)	TON
403-36771	Hot Mix Asphalt (Grading ST)(75)(PG 76-28)	HMA (Gr ST)(75)(PG 76-28)	TON
403-36801	Hot Mix Asphalt (Grading ST)(100)	HMA (Gr ST)(100)	TON
403-36821	Hot Mix Asphalt (Grading ST)(100)(PG 58-28)	HMA (Gr ST)(100)(PG 58-28)	TON
403-36831	Hot Mix Asphalt (Grading ST)(100)(PG 58-34)	HMA (Gr ST)(100)(PG 58-34)	TON
403-36841	Hot Mix Asphalt (Grading ST)(100)(PG 64-22)	HMA (Gr ST)(100)(PG 64-22)	TON
403-36851	Hot Mix Asphalt (Grading ST)(100)(PG 64-28)	HMA (Gr ST)(100)(PG 64-28)	TON
403-36861	Hot Mix Asphalt (Grading ST)(100)(PG 70-28)	HMA (Gr ST)(100)(PG 70-28)	TON
403-36871	Hot Mix Asphalt (Grading ST)(100)(PG 76-28)	HMA (Gr ST)(100)(PG 76-28)	TON
403-36901	Hot Mix Asphalt (Grading ST)(125)	HMA (Gr ST)(125)	TON
403-36921	Hot Mix Asphalt (Grading ST)(125)(PG 58-28)	HMA (Gr ST)(125)(PG 58-28)	TON
403-36931	Hot Mix Asphalt (Grading ST)(125)(PG 58-34)	HMA (Gr ST)(125)(PG 58-34)	TON
403-36941	Hot Mix Asphalt (Grading ST)(125)(PG 64-22)	HMA (Gr ST)(125)(PG 64-22)	TON
403-36951	Hot Mix Asphalt (Grading ST)(125)(PG 64-28)	HMA (Gr ST)(125)(PG 64-28)	TON
403-36961	Hot Mix Asphalt (Grading ST)(125)(PG 70-28)	HMA (Gr ST)(125)(PG 70-28)	TON
403-36971	Hot Mix Asphalt (Grading ST)(125)(PG 76-28)	HMA (Gr ST)(125)(PG 76-28)	TON
403-37601	Hot Mix Asphalt (Grade SF)(50)	HMA (Gr SF)(50)	TON
403-37621	Hot Mix Asphalt (Grade SF)(50)(PG 58-28)	HMA (Gr SF)(50)(PG 58-28)	TON
403-37631	Hot Mix Asphalt (Grade SF)(50)(PG 58-34)	HMA (Gr SF)(50)(PG 58-34)	TON
403-37641	Hot Mix Asphalt (Grade SF)(50)(PG 64-22)	HMA (Gr SF)(50)(PG 64-22)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
403-37651	Hot Mix Asphalt (Grade SF)(50)(PG 64-28)	HMA (Gr SF)(50)(PG 64-28)	TON
403-37661	Hot Mix Asphalt (Grade SF)(50)(PG 70-28)	HMA (Gr SF)(50)(PG 70-28)	TON
403-37671	Hot Mix Asphalt (Grade SF)(50)(PG 76-28)	HMA (Gr SF)(50)(PG 76-28)	TON
403-37701	Hot Mix Asphalt (Grade SF)(75)	HMA (Gr SF)(75)	TON
403-37721	Hot Mix Asphalt (Grade SF)(75)(PG 58-28)	HMA (Gr SF)(75)(PG 58-28)	TON
403-37731	Hot Mix Asphalt (Grade SF)(75)(PG 58-34)	HMA (Gr SF)(75)(PG 58-34)	TON
403-37741	Hot Mix Asphalt (Grade SF)(75)(PG 64-22)	HMA (Gr SF)(75)(PG 64-22)	TON
403-37751	Hot Mix Asphalt (Grade SF)(75)(PG 64-28)	HMA (Gr SF)(75)(PG 64-28)	TON
403-37761	Hot Mix Asphalt (Grade SF)(75)(PG 70-28)	HMA (Gr SF)(75)(PG 70-28)	TON
403-37771	Hot Mix Asphalt (Grade SF)(75)(PG 76-28)	HMA (Gr SF)(75)(PG 76-28)	TON
403-37801	Hot Mix Asphalt (Grade SF)(100)	HMA (Gr SF)(100)	TON
403-37821	Hot Mix Asphalt (Grade SF)(100)(PG 58-28)	HMA (Gr SF)(100)(PG 58-28)	TON
403-37831	Hot Mix Asphalt (Grade SF)(100)(PG 58-34)	HMA (Gr SF)(100)(PG 58-34)	TON
403-37841	Hot Mix Asphalt (Grade SF)(100)(PG 64-22)	HMA (Gr SF)(100)(PG 64-22)	TON
403-37851	Hot Mix Asphalt (Grade SF)(100)(PG 64-28)	HMA (Gr SF)(100)(PG 64-28)	TON
403-37861	Hot Mix Asphalt (Grade SF)(100)(PG 70-28)	HMA (Gr SF)(100)(PG 70-28)	TON
403-37871	Hot Mix Asphalt (Grade SF)(100)(PG 76-28)	HMA (Gr SF)(100)(PG 76-28)	TON
403-37901	Hot Mix Asphalt (Grade SF)(125)	HMA (Gr SF)(125)	TON
403-37921	Hot Mix Asphalt (Grade SF)(125)(PG 58-28)	HMA (Gr SF)(125)(PG 58-28)	TON
403-37931	Hot Mix Asphalt (Grade SF)(125)(PG 58-34)	HMA (Gr SF)(125)(PG 58-34)	TON
403-37941	Hot Mix Asphalt (Grade SF)(125)(PG 64-22)	HMA (Gr SF)(125)(PG 64-22)	TON
403-37951	Hot Mix Asphalt (Grade SF)(125)(PG 64-28)	HMA (Gr SF)(125)(PG 64-28)	TON
403-37961	Hot Mix Asphalt (Grade SF)(125)(PG 70-28)	HMA (Gr SF)(125)(PG 70-28)	TON
403-37971	Hot Mix Asphalt (Grade SF)(125)(PG 76-28)	HMA (Gr SF)(125)(PG 76-28)	TON
403-40000	HMA SafetyEdge	HMA SafetyEdge	LF
403-96600	Hot Mix Asphalt (Grading Fines) (50)	HMA (Gr Fines) (50)	TON
405-00000	Heating and Scarifying Treatment	Heating and Scarifying	SY
405-00050	Heating and Scarifying Treatment (Alternative Systems)	Heating and Scarifying (Alt Sys)	SY
405-00100	Heating and Remixing Treatment	Heating and Remixing Treatment	SY
405-00101	Heating and Remixing Treatment (Special)	Heating and Remixing Treatment (Special)	SY
405-00200	Virgin Hot Bituminous Plant Mix	Virgin HB Plant Mix	TON
405-00300	Heating and Repaving Treatment	Heating and Repaving Treatment	SY
406-09500	Cold Bituminous Pavement (Recycle)	Cold Bitum Pvmt (Recycle)	SY
406-09501	Cold Bituminous Pavement (Recycled)	Cold Bitum Pvmt (Recycled)	TON
406-09505	Cold Bituminous Pavement (Recycle)(Special)	Cold Bitum Pvmt (Recycle)(Spec)	SY
406-09530	Repair of Cold Bituminous Pavement (Recycle)	Repair of Cold Bitum Pvmt (Recycle)	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
407-03000	Blotter Material	Blotter Material	TON
407-09000	Crackfilling (Application)	Crackfiller (Application)	SY
408-01000	Hot Poured Joint and Crack Sealant	Hot Joint-Crack Sealant	TON
408-01100	Joint Sealant	Joint Sealant	LF
408-01300	HMA Mix Crack Sealant	HMA Mix Crack Sealant	TON
408-01400	Crack Sealant (Special)	Crack Sealant (Special)	TON
408-02000	Injection Holes	Injection Holes	EACH
409-00110	Stockpile Cover Coat Material	Stockpile CC Matl	TON
409-01010	Cover Coat Material (Type I)	CC Matl (Ty I)	TON
409-01015	Cover Coat Material (Type I)	CC Matl (Ty I)	SY
409-01020	Cover Coat Material (Type I) (Lightweight)	CC Matl (Ty I) (Lightweight)	CY
409-02010	Cover Coat Material (Type II)	CC Matl (Ty II)	TON
409-02015	Cover Coat Material (Type II)	CC Matl (Ty II)	SY
409-02020	Cover Coat Material (Type II) (Lightweight)	CC Matl (Ty II) (Lightweight)	CY
409-02025	Cover Coat Material (Type II) (Lightweight)	CC Matl (Ty II) (Lightweight)	SY
409-02030	Cover Coat Material (Type I) (Special)	CC Matl (Ty I) (Special)	SY
409-02050	Cover Coat Material (Type II) (Special)	CC Matl (Ty II) (Special)	TON
409-02055	Cover Coat Material (Type II) (Special)	CC Matl (Ty II) (Special)	SY
409-03010	Cover Coat Material (Type III)	CC Matl (Ty III)	TON
409-03050	Place Cover Coat Material	Place CC Matl	TON
409-03055	Place Cover Coat Material	Place CC Matl	SY
409-03060	Furnish Cover Coat Material	Furn CC Matl	TON
409-04010	Cover Coat Material (Type IV)	CC Matl (Ty IV)	TON
409-04050	Cover Coat Material (Special)	CC Matl (Spec)	SY
409-04060	Cover Coat Material (Asphalt) (Special)	CC Matl (Asph) (Spec)	TON
409-05000	Ultrathin Bonded Wearing Course	Ultrath Bond Wearing Course	SY
409-05010	Thin Bonded Wearing Course (Non-Bituminous)	Thin Bonded Wearing Course (Non-Bitum)	SY
409-05011	Thin Bonded Polymer Overlay	Thin Bonded Polymer Overlay	SY
409-05100	Anti-Icing Polymer Overlay	Anti-Icing Polymer Overlay	SF
409-06000	Surfacing (macro style)	Surfacing (macro style)	SY
409-08000	Squeegee Seal	Squeegee Seal	SY
409-09000	Micro-Surfacing Seal Coat	Micro-Surfacing Seal Coat	TON
409-09010	Micro-Surfacing Aggregate	Micro-Surfacing Aggregate	TON
409-09500	Slurry Seal Material	Slurry Seal Matl	SY
410-00000	Slurry Seal Coat	Slurry Seal Coat	SY
410-00100	Slurry Seal Coat (Airport)	Slurry Seal Coat (Airport)	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
411-03100	Asphalt Cement (Scrap Rubber) (Crack Filler)	AC Scrap Rub Crack Filler	TON
411-03110	Asphalt Cement (Rubberized) (Crack Filler)	AC Rubberized Crack Filler	TON
411-03200	Asphalt Cement (Polymer Modified) (Special)	Asph Cem (Polymer Mod) (Spec)	TON
411-03342	Asphalt Cement Performance Grade (PG 64-28)	Asph Cem (PG 64-28)	TON
411-03345	Asphalt Cement Performance Grade (PG 76-28)	Asph Cem (PG 76-28)	TON
411-03352	Asphalt Cement Performance Grade (PG 58-28)	Asph Cem (PG 58-28)	TON
411-03354	Asphalt Cement Performance Grade (PG 64-22)	Asph Cem (PG 64-22)	TON
411-03355	Asphalt Cement Performance Grade (PG 58-34)	Asph Cem (PG 58-34)	TON
411-10010	Emulsified Asphalt (CQS-1HP) (Fog) (Airport)	Emul Asph (CQS-1HP) (Fog) (Airport)	GAL
411-10025	Emulsified Asphalt (Special) (CQS-1hL)	Emul Asph (Sp) (CQS-1hL)	TON
411-10200	Emulsified Asphalt (CRS-1)	Emul Asph (CRS-1)	GAL
411-10216	Emulsified Asphalt (CRS-2P)	Emul Asph (CRS-2P)	GAL
411-10217	Emulsified Asphalt (CRS-2P)	Emulsified Asphalt (CRS-2P)	TON
411-10218	Emulsified Asphalt (CRS-2R)	Emul Asph (CRS-2R)	GAL
411-10251	Emulsified Asphalt (CSS-1)	Emul Asph (CSS-1)	GAL
411-10252	Emulsified Asphalt (CSS-1P)	Emul Asph (CSS-1P)	GAL
411-10253	Emulsified Asphalt (CSS-1H)	Emul Asph (CSS-1H)	GAL
411-10254	Emulsified Asphalt (CSS-1H) (Modified)	Emul Asph (CSS-1H) (Mod)	GAL
411-10255	Emulsified Asphalt (Slow-Setting)	Emul Asph (SS)	GAL
411-10258	Emulsified Asphalt (Rapid-Setting)(Polymerized)	Emul Asph (RS-P)	TON
411-10259	Emulsified Asphalt (Medium-Setting)(Polymerized)	Emul Asph (MS-P)	TON
411-10260	Emulsified Asphalt (Rapid-Setting) (Polymerized)	Emul Asph (RS-P)	GAL
411-10261	Emulsified Asphalt (Rapid-Setting-2P)(Polymerized)	Emul Asph (RS-2P)	GAL
411-10262	Emulsified Asphalt (Medium-Setting) (Polymerized)	Emul Asph (MS-P)	GAL
411-10265	Emulsified Asphalt (Polymerized)	Emul Asph (Poly)	GAL
411-10275	Emulsified Asphalt (HFMS-2P) (High Float) (Polymerized)	Emul Asph (HFMS-2P)	GAL
411-10276	Emulsified Asphalt (HFMS-2SP) (High Float) (Polymerized)	Emul Asph (HFMS-2SP)	GAL
411-10277	Emulsified Asphalt (HFMS-2HP) (High Float)	Emul Asph (HFMS-2HP)	GAL
411-10300	Emulsified Asphalt (Prime Coat)	Emul Asph (Prime Coat)	GAL
411-10375	Emulsified Asphalt (HFRS-2P) (High Float) (Polymerized)	Emul Asph (HFRS-2P)	GAL
411-20000	Asphaltic Felt Paper (30 lb.)	Asphaltic Felt Paper (30 lb.)	SY
411-21020	Liquid Asphaltic Material (MC-70)	Liq Asph Matl (MC-70)	GAL
411-90010	Asphalt Rejuvenating Agent	Asph Rejuvenating Agent	GAL
411-90040	Recycling Agent	Recycling Agent	GAL
411-90050	Emulsified Recycling Agent	Emul Recycling Agent	GAL



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
412-00000	Furnish Concrete Pavement	Furn Conc Pvmt	CY
412-00050	Place Concrete Pavement	Pl Conc Pvmt	SY
412-00101	Portland Cement Concrete Pavement 5 Year Warranty	Port Cem Conc Pvmt 5 Yr War	SY
412-00110	Warranted Portland Cement Concrete Pavement (10 Inch)	War Port Cem Conc Pvmt (10 In)	SY
412-00111	Warranted Portland Cement Concrete Pavement (11 Inch)	War Port Cem Conc Pvmt (11 In)	SY
412-00113	Warranted Portland Cement Concrete Pavement (13 Inch)	War Port Cem Conc Pvmt (13 In)	SY
412-00125	Warranted Portland Cement Concrete Pavement (12 1/2 Inch)	War Port Cem Conc Pvmt (12 1/2 In)	SY
412-00130	Warranted Portland Cement Concrete Pavement System	War Port Cem Conc Pvmt Sys	SY
412-00190	Concrete Pavement (Patching)	Conc Pvmt (Patching)	SY
412-00200	Roller Compacted Concrete Pavement (7 3/4 Inch)	Roller Comp Conc Pvmt (7 3/4 In)	SY
412-00400	Concrete Pavement (4 Inch)	Conc Pvmt (4 In)	SY
412-00500	Concrete Pavement (5 Inch)	Conc Pvmt (5 In)	SY
412-00505	Concrete Pavement (5 Inch) (Fast Track)	Conc Pvmt (5 In) (Fast Track)	SY
412-00550	Concrete Pavement (5 1/2 Inch)	Conc Pvmt (5 1/2 In)	SY
412-00600	Concrete Pavement (6 Inch)	Conc Pvmt (6 In)	SY
412-00601	Concrete Pavement (6 Inch) (Special)	Conc Pvmt (6 In) (Spec)	SY
412-00605	Concrete Pavement (6 Inch) (Fast Track)	Conc Pvmt (6 In) (Fast Track)	SY
412-00615	Concrete Pavement (6 Inch) (Reinforced)	Conc Pvmt (6 In) (R)	SY
412-00650	Concrete Pavement (6-1/2 Inch)	Conc Pvmt (6-1/2 In)	SY
412-00700	Concrete Pavement (7 Inch)	Conc Pvmt (7 In)	SY
412-00701	Concrete Pavement (7 Inch) (Special)	Conc Pvmt (7 In) (Spec)	SY
412-00705	Concrete Pavement (7 Inch) (Fast Track)	Conc Pvmt (7In) (Fast Track)	SY
412-00715	Concrete Pavement (7 Inch) (Reinforced)	Conc Pvmt (7 In) (R)	SY
412-00750	Concrete Pavement (7-1/2 Inch)	Conc Pvmt (7-1/2 In)	SY
412-00752	Concrete Pavement (7 1/2 In) (Fast Track)	Conc Pvmt (7 1/2 In) (Fast Track)	SY
412-00760	Concrete Pavement (7-3/4 Inch)	Conc Pvmt (7-3/4 In)	SY
412-00800	Concrete Pavement (8 Inch)	Conc Pvmt (8 In)	SY
412-00801	Concrete Pavement (8 Inch) (Special)	Conc Pvmt (8 In) (Spec)	SY
412-00805	Concrete Pavement (8 Inch) (Fast Track)	Conc Pvmt (8 In) (Fast Track)	SY
412-00815	Concrete Pavement (8 Inch) (Reinforced)	Conc Pvmt (8 In) (R)	SY
412-00825	Concrete Pavement (8-1/4 Inch)	Conc Pvmt (8-1/4 In)	SY
412-00835	Concrete Pavement (8-1/4 Inch) (Fast Track)	Conc Pvmt (8 1/4 In) (Fast Track)	SY
412-00850	Concrete Pavement (8-1/2 Inch)	Conc Pvmt (8-1/2 In)	SY
412-00851	Concrete Pavement (8-1/2 Inch) (Special)	Conc Pvmt (8-1/2 In) (Spec)	SY
412-00870	Concrete Pavement (8-1/2 Inch) (Fast Track)	Conc Pvmt (8-1/2 In) (Fast Track)	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
412-00875	Concrete Pavement (8-3/4 Inch)	Conc Pvmt (8-3/4 In)	SY
412-00900	Concrete Pavement (9 Inch)	Conc Pvmt (9 In)	SY
412-00901	Concrete Pavement (9 Inch) (Special)	Conc Pvmt (9 In) (Spec)	SY
412-00920	Concrete Pavement (9 Inch) (Fast Track)	Conc Pvmt (9 In) (Fast Track)	SY
412-00925	Concrete Pavement (9-1/4 Inch)	Conc Pvmt (9-1/4 In)	SY
412-00926	Concrete Pavement (9-1/4 Inch) (Special)	Conc Pvmt (9-1/4 In) (Spec)	SY
412-00927	Concrete Pavement (9-1/4 Inch) (Fast Track)	Conc Pvmt (9-1/4 In) (Fast Track)	SY
412-00950	Concrete Pavement (9-1/2 Inch)	Conc Pvmt (9-1/2 In)	SY
412-00951	Concrete Pavement (9-1/2 Inch) (Special)	Conc Pvmt (9-1/2 In) (Spec)	SY
412-00952	Concrete Pavement (9 1/2 Inch) (Fast Track)	Conc Pvmt (9 1/2 In) (Fast Track)	SY
412-00975	Concrete Pavement (9-3/4 Inch)	Conc Pvmt (9-3/4 In)	SY
412-00976	Concrete Pavement (9-3/4) (Class E)	Conc Pvmt (9-3/4 In) (Class E)	SY
412-00977	Concrete Pavement (9-3/4 Inch)(Special)	Conc Pvmt (9-3/4 In)(Spec)	SY
412-01000	Concrete Pavement (10 Inch)	Conc Pvmt (10 In)	SY
412-01001	Concrete Pavement (10 Inch) (Special)	Conc Pvmt (10 In) (Spec)	SY
412-01015	Concrete Pavement (10 Inch) (Reinforced)	Conc Pvmt (10 In) (R)	SY
412-01020	Concrete Pavement (10 Inch) (Fast Track)	Conc Pvmt (10 In) (Fast Track)	SY
412-01025	Concrete Pavement (10-1/4 Inch)	Conc Pvmt (10-1/4 In)	SY
412-01035	Concrete Pavement (10 1/4 Inch)(Fast Track)	Conc Pvmt (10 1/4 In)(Fast Track)	SY
412-01050	Concrete Pavement (10-1/2 Inch)	Conc Pvmt (10-1/2 In)	SY
412-01055	Concrete Pavement (10-1/2 Inch) (Special)	Conc Pvmt (10-1/2 In) (Spec)	SY
412-01060	Concrete Pavement (10-1/2 Inch) (Fast Track)	Conc Pvmt (10-1/2 In) (Fast Track)	SY
412-01075	Concrete Pavement (10-3/4 Inch)	Conc Pvmt (10-3/4 In)	SY
412-01100	Concrete Pavement (11 Inch)	Conc Pvmt (11 In)	SY
412-01105	Concrete Pavement (11 Inch) (Special)	Conc Pvmt (11 In) (Spec)	SY
412-01120	Concrete Pavement (11 Inch) (Fast Track)	Conc Pvmt (11 In) (Fast Track)	SY
412-01125	Concrete Pavement (11-1/4 Inch)	Conc Pvmt (11-1/4 In)	SY
412-01150	Concrete Pavement (11-1/2 Inch)	Conc Pvmt (11-1/2 In)	SY
412-01152	Concrete Pavement (11-1/2 Inch) (Fast Track)	Conc Pvmt (11-1/2 In) (Fast Track)	SY
412-01155	Concrete Pavement (11-1/2 Inch) (Special)	Conc Pvmt (11-1/2 In) (Spec)	SY
412-01200	Concrete Pavement (12 Inch)	Conc Pvmt (12 In)	SY
412-01215	Concrete Pavement (12 Inch) (Reinforced)	Conc Pvmt (12 In) (R)	SY
412-01220	Concrete Pavement (12 Inch) (Fast Track)	Conc Pvmt (12 In) (Fast Track)	SY
412-01250	Concrete Pavement (12-1/2 Inch)	Conc Pvmt (12-1/2 In)	SY
412-01252	Concrete Pavement (12 1/2 Inch) (Fast Track)	Conc Pvmt (12-1/2 In) (Fast Track)	SY
412-01255	Concrete Pavement (12 Inch) (Special)	Conc Pvmt (12 In) (Spec)	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
412-01265	Concrete Pavement (12-1/2 Inch)(Reinforced)	Conc Pvmt (12-1/2 In)(R)	SY
412-01300	Concrete Pavement (13 Inch)	Conc Pvmt (13 In)	SY
412-01325	Concrete Pavement (13 Inch)(Fast Track)	Conc Pvmt (13 In)(Fast Track)	SY
412-01350	Concrete Pavement (13-1/2 Inch)	Conc Pvmt (13-1/2 In)	SY
412-01352	Concrete Pavement (13-1/2 In) (Fast Track)	Conc Pvmt (13-1/2 In) (Fast Track)	SY
412-01400	Concrete Pavement (14 Inch)	Conc Pvmt (14 In)	SY
412-01500	Concrete Pavement (15 Inch)	Conc Pvmt (15 In)	SY
412-02000	Concrete SafetyEdge	Conc SafetyEdge	LF
412-03000	Concrete Pavement System	Conc Pvmt System	SY
412-04000	Concrete Pavement Panel (Precast)	Conc Pvt Pan (Precast)	SF
412-04008	Concrete Pavement Panel (Precast) (12X8)	Conc Pvmt Panel (Precast) (12X8)	EACH
412-04012	Concrete Pavement Panel (Precast) (12X12)	Conc Pvmt Panel (Precast) (12X12)	EACH
412-05000	Partial Depth Repair of Concrete Pavement	Partial Depth Repair of Conc Pvmt	SF
412-05002	Full Depth Repair of Concrete Pavement	Full Depth Repair of Conc Pavement	SF
412-05100	Polyurethane Slab Jacking	Poly Slab Jacking	LB
412-06000	Furnish Concrete Pavement Thin Whitetopping	Furn Conc Pvmt TWT	CY
412-06060	Concrete Pavement Thin Whitetopping (6 Inch)	Conc Pvmt TWT (6 Inch)	SY
412-10000	Sawing Concrete Pavement	Sawing Conc Pvmt	LF
412-11000	Concrete Pavement Dowel Bar Retrofit	Conc Pave Dowel Bar Retro	EACH
412-13000	Concrete Pavement Joint Repair	Conc Pavement Joint Repair	EACH
412-14000	Sawing and Sealing Concrete Pavement Joints	Sawing and Sealing Joints	LF
412-15000	Routing and Sealing Concrete Pavement Cracks	Routing and Sealing Cracks	LF
412-15010	Cleaning and Grouting Concrete Pavement Joint	Clean & Grout Conc Pvmt Joint	LF
412-15050	Cross Stitching	Cross Stitching	EACH
412-15052	Slot Stitching	Slot Stitching	EACH
412-15060	Repair Concrete Cracks (Stitch)	Rep Conc Cr (Stitch)	EACH
412-16000	Cleaning and Sealing Concrete Pavement Joints	Cleaning + Sealing Joints	LF
412-16500	Shrinkage Crack Sealing	Shrinkage Crack Sealing	LF
412-18000	Crack and Seat Concrete Pavement	Crack & Seat Conc Pvmt	SY
412-18010	Rubbilization of Concrete Pavement (Crack and Seat)	Rubbil of Conc Pvmt (Crack and Seat)	SY
412-18020	Rubbilization of Concrete Pavement (Resonant Breaker)	Rubbil of Conc Pvmt (Resonant Breaker)	SY
412-18030	Rubbilization of Concrete Pavement (Multi-Head Breaker)	Rubbil of Conc Pvmt (Multi-Head Breaker)	SY
412-18050	Rubbilization of Concrete Pavement	Rubbil of Conc Pvmt	SY
412-19000	Hot Poured Concrete Joint Sealant	Hot Conc Joint Sealant	LF
412-80001	Shoulder Pavement Alternate	Shoulder Pavement Alternate	SY
420-00000	Geomembrane	Geomembrane	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
420-00102	Geotextile (Erosion Control) (Class 1)	Geotextile (Er Cont) (CL 1)	SY
420-00103	Geotextile (Erosion Control) (Class 2)	Geotextile (Er Cont) (CL 2)	SY
420-00104	Geotextile (Erosion Control) (Class 3)	Geotextile (Er Cont) (CL 3)	SY
420-00112	Geotextile (Drainage) (Class 1)	Geotextile (Drain) (CL 1)	SY
420-00113	Geotextile (Drainage) (Class 2)	Geotextile (Drain) (CL 2)	SY
420-00114	Geotextile (Drainage) (Class 3)	Geotextile (Drain) (CL 3)	SY
420-00132	Geotextile (Separator) (Class 1)	Geotextile (Separator) (CL 1)	SY
420-00133	Geotextile (Separator) (Class 2)	Geotextile (Separator) (CL 2)	SY
420-00134	Geotextile (Separator) (Class 3)	Geotextile (Separator) (CL 3)	SY
420-00200	Geotextile (Weed Barrier)	Geotextile (Weed Barrier)	SY
420-00201	Geotextile (Weed Barrier) (Special)	Geotextile (Weed Barrier) (Spec)	SY
420-00255	Geotextile (Interlayer)(Special)	Geotextile (Interlayer)(Spec)	SY
420-00300	Geotextile (Reinforcement)	Geotextile (Reinforcement)	SY
420-00400	Media Filter Drain (MFD) mix (Type 1)	Media Filter Drain (MFD) mix (Type 1)	CY
420-00500	Geotextile (Paving)	Geotextile (Paving)	SY
420-00505	Geotextile (Paving) (Special)	Geotextile (Paving) (Special)	SY
420-00510	Geotextile (Crack Reduction) (High Density)	Geotextile (Cr Reduc) (H D)	SY
420-00511	Asphalt Reinforcement Geogrid	Asphalt Reinforcement Geogrid	SY
420-00520	Geogrid Pavement Reinforcement	Geogrid Pvmt Reinf	SY
420-00526	Cellular Geogrid	Cellular Geogrid	SY
501-00000	Steel Sheet Piling (Type I)	Steel Sheet Pile (Ty I)	SF
501-00200	Steel Sheet Piling (Type II)	Steel Sheet Pile (Ty II)	SF
501-00210	Steel Sheet Piling Cap	Steel Sheet Piling Cap	LF
501-00300	Drive Steel Sheet Piling	Drive Steel Sheet Piling	SF
502-00000	Treated Timber Piling	Tr Tim Piling	LF
502-00100	Drilling Hole to Facilitate Pile Driving	Drill Hole Fac Pile Driving	LF
502-00140	Blast Hole to Facilitate Pile Driving	Blast Hole to Fac Pile Driving	LF
502-00150	Blast Hole to Facilitate Pile Driving	Blast Hole to Fac Pile Driving	EACH
502-00200	Drive Steel Piling	Drive Steel Piling	LF
502-00210	Drive Timber Piling	Drive Timber Piling	LF
502-00400	End Plate	End Plate	EACH
502-00460	Pile Tip	Pile Tip	EACH
502-00500	Complete Joint Penetration (CJP) Splice	CJP Splice	EACH
502-01000	Bitumen Coating	Bitumen Coating	LF
502-01100	Retapping	Retapping	EACH
502-01120	Restriking Pile	Restriking Pile	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
502-02000	Dynamic Load Testing	Dynamic Load Testing	L S
502-02010	Dynamic Pile Test	Dynamic Pile Test	EACH
502-02012	Static Pile Load Test	Static Pile Load Test	EACH
502-03500	Steel Pipe Pile (7-5/8x0.500)	S P Pile (7-5/8x0.500)	LF
502-08250	Steel Pipe Piling (12-3/4 X 0.250 Inch)	SP Pile (12-3/4x0.250 In)	LF
502-08330	Steel Pipe Piling (12-3/4 X 0.330 Inch)	SP Pile (12-3/4x0.330 In)	LF
502-08375	Steel Pipe Piling (12-3/4 X 0.375 Inch)	SP Pile (12-3/4x0.375 In)	LF
502-08500	Steel Pipe Piling (12-3/4 X 0.500 Inch)	SP Pile (12-3/4x0.500 In)	LF
502-08502	Steel Pipe Pile (18x0.625 Inch)	SP Pile (18x0.625 In)	LF
502-08505	Steel Pipe Piling (24 X 0.500 Inch)(Special)	SP Pile (24 x 0.500 In)(Spec)	LF
502-10836	Steel Piling (HP 8x36)	Steel Pile (HP 8x36)	LF
502-11057	Steel Piling (HP 10x57)	Steel Pile (HP 10x57)	LF
502-11253	Steel Piling (HP 12x53)	Steel Pile (HP 12x53)	LF
502-11254	Steel Piling (HP 12X53) (Install Only)	Steel Piling (HP 12X53) (Install Only)	LF
502-11263	Steel Piling (HP 12x63)	Steel Pile (HP 12x63)	LF
502-11274	Steel Piling (HP 12x74)	Steel Pile (HP 12x74)	LF
502-11275	Steel Piling (HP 12X74) (Install Only)	Steel Piling (HP 12X74) (Install Only)	LF
502-11284	Steel Piling (HP 12x84)	Steel Pile (HP 12x84)	LF
502-11473	Steel Piling (HP 14x73)	Steel Pile (HP 14x73)	LF
502-11489	Steel Piling (HP 14x89)	Steel Pile (HP 14x89)	LF
502-11490	Steel Piling (HP 14X89) (Install Only)	Steel Piling (HP 14X89) (Install Only)	LF
502-14102	Steel Piling (HP 14x102)	Steel Pile (HP 14x102)	LF
502-14117	Steel Piling (HP 14x117)	Steel Pile (HP 14x117)	LF
502-18135	Steel Pile (HP 18X135)	Steel Pile (HP 18X135)	LF
502-20209	Corrugated Steel Pipe Piling (8x14x0.2092 Inch)	Corr SP Pile (8x14x0.2092)	LF
502-29000	Structure Foundation System (Alternates)	Str Foundation Sys (Alternates)	EACH
503-00000	Ground Improvement	Ground Improvement	SF
503-00002	Ground Improvement	Ground Improvement	CY
503-00012	Drilled Shaft (12 Inch)	Drilled Shaft (12 In)	LF
503-00016	Drilled Shaft (16 Inch)	Drilled Shaft (16 In)	LF
503-00018	Drilled Shaft (18 Inch)	Drilled Shaft (18 In)	LF
503-00024	Drilled Shaft (24 Inch)	Drilled Shaft (24 In)	LF
503-00025	Drilled Shaft (24 Inch)(Special)	Drilled Shaft (24 In)(Spec)	LF
503-00030	Drilled Shaft (30 Inch)	Drilled Shaft (30 In)	LF
503-00036	Drilled Shaft (36 Inch)	Drilled Shaft (36 In)	LF
503-00037	Drilled Shaft (36 Inch)(Special)	Drilled Shaft (36 In)(Spec)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
503-00042	Drilled Shaft (42 Inch)	Drilled Shaft (42 In)	LF
503-00043	Drilled Shaft (43 Inch)	Drilled Shaft (43 In)	LF
503-00048	Drilled Shaft (48 Inch)	Drilled Shaft (48 In)	LF
503-00054	Drilled Shaft (54 Inch)	Drilled Shaft (54 In)	LF
503-00055	Drilled Shaft (54 Inch)(Special)	Drilled Shaft (54 In)(Spec)	LF
503-00060	Drilled Shaft (60 Inch)	Drilled Shaft (60 In)	LF
503-00066	Drilled Shaft (66 Inch)	Drilled Shaft (66 In)	LF
503-00072	Drilled Shaft (72 Inch)	Drilled Shaft (72 In)	LF
503-00078	Drilled Shaft (78 Inch)	Drilled Shaft (78 In)	LF
503-00084	Drilled Shaft (84 Inch)	Drilled Shaft (84 In)	LF
503-00096	Drilled Shaft (96 Inch)	Drilled Shaft (96 In)	LF
503-00102	Drilled Shaft (102 Inch)	Drilled Shaft (102 Inch)	LF
503-00200	Caisson (Special)	Caisson (Special)	LF
503-00210	Aggregate Column Ground Improvement	Agg Column Grnd Impvmt	L S
503-00211	Aggregate Column Ground Improvement	Agg Column Ground Improvement	LF
503-00212	Soil Mixing	Soil Mixing	CY
503-00214	Soil Mixing (Overtopping)	Soil Mixing (Overtopping)	CY
503-00300	Drilled Shaft Load Test	Drilled Shaft Load Test	EACH
503-00310	Crosshole Sonic Logging Testing	CSL Testing	EACH
503-00320	Thermal Integrity Profiling Testing	TIP Testing	EACH
503-00400	Drilling and Logging Bores	Drill and Log Bores	LF
503-00536	Jet Grouted Shaft (36 Inch)	Jet Grouted Shaft (36 In)	LF
503-01060	Micropile (6 Inch)	M pile (6 In)	LF
503-01070	Micropile (7 Inch)	M Pile (7 In)	LF
503-01080	Micropile (8 Inch)	M Pile (8 In)	LF
503-01100	Micropile (10 Inch)	M Pile (10 In)	LF
503-01120	Micropile (12 Inch)	M Pile (12 In)	LF
503-02000	Verification Test Pile	Verification Test Pile	EACH
504-03311	Retaining Wall (1)(Alternative Systems)	Retaining Wall (1)(Alternative Systems)	L S
504-03312	Retaining Wall (2)(Alternative Systems)	Retaining Wall (2)(Alternative Systems)	L S
504-03313	Retaining Wall (3)(Alternative Systems)	Retaining Wall (3)(Alternative Systems)	L S
504-03314	Retaining Wall (4)(Alternative Systems)	Retaining Wall (4)(Alternative Systems)	L S
504-03315	Retaining Wall (5)(Alternative Systems)	Retaining Wall (5)(Alternative Systems)	L S
504-03316	Retaining Wall (6)(Alternative Systems)	Retaining Wall (6)(Alternative Systems)	L S
504-03317	Retaining Wall (7)(Alternative Systems)	Retaining Wall (7)(Alternative Systems)	L S
504-03318	Retaining Wall (8)(Alternative Systems)	Retaining Wall (8)(Alternative Systems)	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
504-03319	Retaining Wall (9)(Alternative Systems)	Retaining Wall (9)(Alternative Systems)	L S
504-03320	Retaining Wall (10)(Alternative Systems)	Retaining Wall (10)(Alternative Systems)	L S
504-03321	Retaining Wall (11)(Alternative Systems)	Retaining Wall (11)(Alternative Systems)	L S
504-03322	Retaining Wall (12)(Alternative Systems)	Retaining Wall (12)(Alternative Systems)	L S
504-03323	Retaining Wall (13)(Alternative Systems)	Retaining Wall (13)(Alternative Systems)	L S
504-03324	Retaining Wall (14)(Alternative Systems)	Retaining Wall (14)(Alternative Systems)	L S
504-03325	Retaining Wall (15)(Alternative Systems)	Retaining Wall (15)(Alternative Systems)	L S
504-03326	Retaining Wall (16)(Alternative Systems)	Retaining Wall (16)(Alternative Systems)	L S
504-03327	Retaining Wall (17)(Alternative Systems)	Retaining Wall (17)(Alternative Systems)	L S
504-03328	Retaining Wall (18)(Alternative Systems)	Retaining Wall (18)(Alternative Systems)	L S
504-03329	Retaining Wall (19)(Alternative Systems)	Retaining Wall (19)(Alternative Systems)	L S
504-03330	Retaining Wall (20)(Alternative Systems)	Retaining Wall (20)(Alternative Systems)	L S
504-03331	Retaining Wall (21)(Alternative Systems)	Retaining Wall (21)(Alternative Systems)	L S
504-03332	Retaining Wall (22)(Alternative Systems)	Retaining Wall (22)(Alternative Systems)	L S
504-03333	Retaining Wall (23)(Alternative Systems)	Retaining Wall (23)(Alternative Systems)	L S
504-03334	Retaining Wall (24)(Alternative Systems)	Retaining Wall (24)(Alternative Systems)	L S
504-03335	Retaining Wall (25)(Alternative Systems)	Retaining Wall (25)(Alternative Systems)	L S
504-03336	Retaining Wall (26)(Alternative Systems)	Retaining Wall (26)(Alternative Systems)	L S
504-03337	Retaining Wall (27)(Alternative Systems)	Retaining Wall (27)(Alternative Systems)	L S
504-03338	Retaining Wall (28)(Alternative Systems)	Retaining Wall (28)(Alternative Systems)	L S
504-03339	Retaining Wall (29)(Alternative Systems)	Retaining Wall (29)(Alternative Systems)	L S
504-03340	Retaining Wall (30)(Alternative Systems)	Retaining Wall (30)(Alternative Systems)	L S
504-03341	Retaining Wall (31)(Alternative Systems)	Retaining Wall (31)(Alternative Systems)	L S
504-03342	Retaining Wall (32)(Alternative Systems)	Retaining Wall (32)(Alternative Systems)	L S
504-03343	Retaining Wall (33)(Alternative Systems)	Retaining Wall (33)(Alternative Systems)	L S
504-03344	Retaining Wall (34)(Alternative Systems)	Retaining Wall (34)(Alternative Systems)	L S
504-03345	Retaining Wall (35)(Alternative Systems)	Retaining Wall (35)(Alternative Systems)	L S
504-03346	Retaining Wall (36)(Alternative Systems)	Retaining Wall (36)(Alternative Systems)	L S
504-03347	Retaining Wall (37)(Alternative Systems)	Retaining Wall (37)(Alternative Systems)	L S
504-03348	Retaining Wall (38)(Alternative Systems)	Retaining Wall (38)(Alternative Systems)	L S
504-03349	Retaining Wall (39)(Alternative Systems)	Retaining Wall (39)(Alternative Systems)	L S
504-03350	Retaining Wall (40)(Alternative Systems)	Retaining Wall (40)(Alternative Systems)	L S
504-03351	Retaining Wall (41)(Alternative Systems)	Retaining Wall (41)(Alternative Systems)	L S
504-03400	Retaining Wall Coping Anchor	Ret Wall Coping Anchor	EACH
504-03405	Retaining Wall Coping Anchor (Special)	Ret Wall Coping Anchor (Spec)	EACH
504-03411	Retaining Wall (Boulder)	Retaining Wall (Boulder)	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
504-03500	Retaining Wall (Design Build)	Retaining Wall(Design Build)	SF
504-03600	Temporary Earth Retaining Wall	Temp Earth Ret Wall	SF
504-04230	MSE Wall (Repair)	MSE Wall (Repair)	L S
504-04410	Block Facing	Block Facing	SF
504-04420	Precast Panel Facing	Precast Panel Facing	SF
504-04425	Architectural Precast Concrete Panel	Architectural Precast Concrete Panel	SF
504-04430	Reinforced Concrete Facing	Reinforced Concrete Facing	SF
504-04440	Facing (Special)	Facing (Special)	SF
504-05000	Wire Mesh Facing	Wire Mesh Facing	SF
504-05100	Geotextile Wrap of Existing Pier Bents	Geo Wrap of Exist Pier Bents	EACH
504-06100	Ground Nailed Wall	Ground Nailed Wall	SF
504-06130	Ground Nailed Wall (< 30 Foot Total Height)	Ground Nailed Wall (<30 Ft)	SF
504-06131	Ground Nailed Wall (>30 Foot Total Height)	Ground Nailed Wall (>30 Ft)	SF
504-06300	Ground Nail	Ground Nail	LF
504-06310	Ground Nail (10 Foot)	Ground Nail (10 Foot)	EACH
504-06315	Ground Nail (15 Foot)	Ground Nail (15 Foot)	EACH
504-06320	Ground Nail (20 Foot)	Ground Nail (20 Foot)	EACH
504-06325	Ground Nail (25 Foot)	Ground Nail (25 Foot)	EACH
504-06327	Ground Nail (27 Foot)	Ground Nail (27 Foot)	EACH
504-06330	Ground Nail (30 Foot)	Ground Nail (30 Foot)	EACH
504-06335	Ground Nail (35 Foot)	Ground Nail (35 Foot)	EACH
504-06340	Ground Nail (40 Foot)	Ground Nail (40 Foot)	EACH
504-06390	Ground Nail (Proof Testing)	Ground Nail (Proof Test)	EACH
504-06400	Soil Nail Wall	Soil Nail Wall	SF
504-06406	Soil Nail	Soil Nail	LF
504-06410	Verification Testing	Verification Testing	EACH
504-06501	Permanent Tieback Anchor System	Perm Tieback Anchor Sys	SF
504-08050	Stone Landscape Wall	Stone Landscape Wall	SF
504-08100	Timber Retaining Wall	Timber Retaining Wall	SF
504-08150	Soldier Pile Wall	Soldier Pile Wall	SF
504-08255	Masonry Landscape Wall (Dry Stack)	Masonry Landscape Wall (Dry Stack)	SF
506-00000	Riprap	Riprap	CY
506-00005	Riprap	Riprap	SY
506-00010	Riprap (Special)	Riprap (Special)	CY
506-00012	Riprap (Special)	Riprap (Special)	EACH
506-00013	Riprap (Special)	Riprap (Special)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
506-00014	Riprap Planting Pocket	Riprap Planting Pocket	EACH
506-00015	Riprap Rubble Fill	Riprap Rubble Fill	CY
506-00020	Place Riprap	Place Riprap	CY
506-00025	Riprap (Furnish Only)	Furn Riprap	CY
506-00030	Grouted Riprap	Grouted Riprap	CY
506-00035	Grouted Riprap	Grouted Riprap	SY
506-00036	Grouted Riprap (36 Inch) (Special)	Grouted Riprap (36 In) (Special)	CY
506-00042	Grouted Riprap (42 Inch) (Special)	Grouted Riprap (42 In) (Special)	CY
506-00050	Slope Mattress	Slope Mattress	CY
506-00055	Slope Mattress (PVC Coated)	Slope Mattress (PVC)	CY
506-00060	Place Slope Mattress	Place Slope Mattress	CY
506-00100	Riprap (Gabions)	Riprap (Gabions)	CY
506-00105	Riprap (Gabions) (PVC Coated)	Riprap (Gabions) (PVC)	CY
506-00110	Riprap (Wire Netting)	Riprap (Wire Netting)	CY
506-00120	Place Riprap (Gabions)	Place Riprap (Gabions)	CY
506-00206	Riprap (6 Inch)	Riprap (6 In)	CY
506-00207	Rip Rap (6 Inch)	Rip Rap (6 In)	TON
506-00209	Riprap (9 Inch)	Riprap (9 In)	CY
506-00210	Riprap (9 Inch)	Riprap (9 In)	TON
506-00212	Riprap (12 Inch)	Riprap (12 In)	CY
506-00213	Riprap (12 Inch)(Install Only)	Riprap (12 Inch)(Install Only)	CY
506-00218	Riprap (18 Inch)	Riprap (18 In)	CY
506-00222	Riprap (18 Inch) (Special) (CIP)	Riprap (18 In) (Spec) (CIP)	CY
506-00224	Riprap (24 Inch)	Riprap (24 In)	CY
506-00225	Riprap (24 Inch) (Special)	Riprap (24 In) (Spec)	CY
506-00226	Riprap (24 Inch)	Riprap (24 In)	TON
506-00227	Riprap (24 Inch) (Install Only)	Riprap (24 In) (Install Only)	CY
506-00230	Riprap (30 In)	Riprap (30 In)	CY
506-00236	Riprap (36 Inch)	Riprap (36 In)	CY
506-00237	Riprap (36 Inch) (Special)	Riprap (36 In) (Spec)	CY
506-00238	Riprap (36 Inch)	Riprap (36 In)	TON
506-00239	Riprap (36 In) (Install Only)	Riprap (36 In) (Install Only)	CY
506-00243	Riprap (42 Inch) (Special)	Riprap (42 In) (Spec)	CY
506-00312	Riprap (12 Inch) (Furnish Only)	Riprap (12 In) (Furn Only)	CY
506-00318	Riprap (18 Inch) (Furnish Only)	Riprap (18 In) (Furn Only)	CY
506-00319	Riprap (18 Inch) (Install Only)	Riprap (18 Inch) (Install Only)	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
506-00324	Riprap (24 Inch) (Furnish Only)	Riprap (24 In) (Furn Only)	CY
506-00342	Riprap(42 Inch)(Furnish Only)	Riprap (42 In)(Furn Only)	CY
506-00406	Soil Riprap (6 Inch)	Soil Riprap (6 In)	CY
506-00409	Soil Riprap (9 Inch)	Soil Riprap (9 In)	CY
506-00412	Soil Riprap (12 Inch)	Soil Riprap (12 In)	CY
506-00418	Soil Riprap (18 Inch)	Soil Riprap (18 In)	CY
506-00424	Soil Riprap (24 Inch)	Soil Riprap (24 In)	CY
506-00430	Soil Riprap (30 Inch)	Soil Riprap (30 Inch)	CY
506-00512	Riprap (12 Inch)(Furnish Only)	Riprap (12 In)(Furnish)	TON
506-00518	Riprap (18 Inch)(Furnish Only)	Riprap (18 In)(Furnish)	TON
506-00524	Riprap (24 Inch)(Furnish Only)	Riprap (24 In)(Furnish)	TON
506-00600	In-Channel Boulder Feature (Riffle)	In-Channel Boulder Feature (Riffle)	EACH
506-00601	In-Channel Boulder Feature (Step)	In-Channel Boulder Feature (Step)	EACH
506-00602	In-Channel Boulder Feature (Boulder Cascade)	In-Channel Boulder Feature (Bldr Cascde)	EACH
506-00603	In-Channel Boulder Feature (Habitat Boulder Field)	In-Chan Bldr Featre (Hbitat Bldr Field)	EACH
506-00604	In-Channel Boulder Feature (Boulder Cascade)	In-Channel Boulder Feature (Bldr Cascde)	SY
506-00606	In-Channel Boulder Grouted (24 Inch)	In-Channel Boulder Grouted (24 In)	CY
506-00607	In-Channel Boulder Grouted (30 Inch)	In-Channel Boulder Grouted (30 In)	CY
506-00608	In-Channel Boulder Grouted (36 Inch)	In-Channel Boulder Grouted (36 In)	CY
506-00610	In-Channel Boulder Grouted (48 Inch)	In-Channel Boulder Grouted (48 In)	CY
506-00612	Matrix Riprap (12 Inch)	Matrix Riprap (12 In)	CY
506-00618	Matrix Riprap (18 Inch)	Matrix Riprap (18 In)	CY
506-00700	Void-Filled Riprap	Void-Filled Riprap	CY
506-00800	Rock Ribs	Rock Ribs	LF
506-00960	Reclaimed Rock (Angular Rock-Rundown)	Reclaimed Rock (Angular Rock-Rundown)	CY
506-00970	Reclaimed Rock (Angular Boulder)	Reclaimed Rock (Angular Boulder)	CY
506-01020	Geogrid Reinforcement	Geogrid Reinforce	SY
506-01021	Geogrid Reinforcement (Secondary)	Geogrid Reinforce (Secondary)	SY
506-01030	Geocomposite Slope Mattress	Geocomposite Slope Mattress	SY
506-01100	Concrete Block Revetment	Conc Block Revetment	SY
506-02000	Recirculating Stream	Recirculating Stream	L S
506-03000	Harvest Reclaimed Rock (Angular Rock)	Harvest Reclaimed Rock (Angular Rock)	CY
506-03010	Harvest Reclaimed Rock (Habitat Boulder)	Harvest Reclaimed Rock (Habitat Boulder)	CY
506-03020	Harvest Reclaimed Rock (Angular Boulder)	Harvest Reclaimed Rock (Angular Boulder)	CY
506-03050	Reclaimed Rock (Angular Rock-Nuisance Protection)	Reclaimed Rock (Angular Rock-Nuis Prot)	CY
506-04018	Riprap (18 Inch-Nuisance Protection)	Riprap (18 Inch-Nuisance Protection)	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
506-04024	Riprap (24 Inch-Habitat Boulder Toe)	Riprap (24 Inch-Habitat Boulder Toe)	CY
507-00000	Concrete Slope and Ditch Paving	Conc S and D Pave	CY
507-00100	Concrete Slope and Ditch Paving (Reinforced)	Conc S and D Pave (Reinf)	CY
507-00101	Concrete Slope and Ditch Paving (Reinforced)	Conc S and D Pave (Reinf)	LF
507-00105	Concrete Slope and Ditch Paving (Reinforced) (Colored)	Conc S and D Pave (Reinf)(C)	CY
507-00200	Dry Rubble Slope and Ditch Paving	Dry Rubble S and D Pave	CY
507-00250	Dry Rubble Slope and Ditch Paving (Special)	Dry Rubble S and D Pave (S)	CY
507-00300	Grouted Rubble Slope and Ditch Paving	Gr Rubble S and D Pave	CY
507-00350	Grouted Riprap Slope and Ditch Paving	Gr Riprap S and D Pave	CY
507-00400	Asphalt Slope and Ditch Paving (Asphalt)	Asphalt S and D Pave (Asph)	TON
507-00550	Concrete Lined Ditch	Concrete Lined Ditch	LF
507-00600	Metal Lined Ditch	Metal Lined Ditch	LF
507-00700	Slope and Ditch Paving (Special)	S and D Pave (Spec)	CY
507-00725	Slope and Ditch Paving (Special)	S and D Paving (Special)	LF
507-00750	Irrigation Ditch System	Irrigation Ditch System	L S
508-00000	Untreated Timber	Untr Timber	MFBM
508-00100	Treated Timber	Tr Timber	MFBM
508-00520	Insulation Material (2 Inch)	Insulation Material (2 In)	SF
508-08150	Provide Temporary Support	Provide Temporary Support	SY
508-90000	Paint Existing Structure	Paint Existing Structure	L S
509-00000	Structural Steel	Str Steel	LB
509-00001	Structural Steel (Galvanized)	Str Steel (Galv)	LB
509-00003	Structural Steel (Install Only)	Str Steel (Install Only)	LB
509-00004	Structural Steel (Long Span Welded Steel Pipe)	Str Steel (Pipe)	LB
509-00010	Structural Steel (Special)	Str Steel (Spec)	LB
509-08010	Alter and Erect Structural Steel	Alter-Erect Str Steel	L S
509-08020	Alter and Erect Structural Steel	Alter-Erect Str Steel	LB
509-08100	Provide Temporary Support	Provide Temporary Support	L S
509-08102	Provide Temporary Support	Provide Temporary Support	EACH
509-08120	Temporary Bridge Deck	Temporary Bridge Deck	SF
509-08121	Temporary Bridge Deck	Temp Bridge Deck	LF
509-08201	Retrofit/Repair Type I	Retrofit/Repair Type I	EACH
509-08202	Retrofit/Repair Type II	Retrofit/Repair Ty II	EACH
509-08203	Retrofit/Repair Type III	Retrofit/Repair Type III	EACH
509-08204	Retrofit/Repair Type IV	Retrofit/Repair Type IV	EACH
509-18055	Structural Steel (W 18x55)	Str Steel (W 18x55)	TON



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
509-20000	MC 12 x 50 Steel Sets (Install Only)	MC 12 x 50 Steel Sets (Inst Only)	LF
509-20001	Steel Sets (Install Only)	Steel Sets (Install Only)	EACH
509-50000	Corrugated Steel Bridge Plank	Cor Steel Br Plank	SF
509-50300	Timber Fastener (Galvanized)	Timber Fastener (Galv)	EACH
509-50400	Restraining Bracket	Restraining Bracket	EACH
509-50410	Metal Panels (New)	Metal Panels (New)	SF
509-50420	Air Flue Modifications	Air Flue Modifications	EACH
509-60000	Architectural Steel Refurbishment	Refurb Architectural Steel	L S
509-60100	Repair of Handrails and Supports	Repair Handrails & Supports	L S
509-60200	Access Screen Door	Access Screen Door	EACH
509-90000	Paint Existing Structure(S)	Paint Existing Str(S)	L S
509-90001	Paint Existing Structure	Paint Existing Structure	EACH
509-90002	Paint Existing Structure (Special)	Paint Existing Structure (Special)	GAL
509-90003	Paint Structural Steel	Paint Structural Steel	L S
509-90005	Paint Handrail	Paint Handrail	LF
509-90010	Zinc Metalizing	Zinc Metalizing	SY
510-00120	Structural Plate Pipe (120 Inch)	Str PP (120 In)	LF
510-00126	Structural Plate Pipe (126 Inch)	Str PP (126 In)	LF
510-00132	Structural Plate Pipe (132 Inch)	Str PP (132 In)	LF
510-00138	Structural Plate Pipe (138 Inch)	Str PP (138 In)	LF
510-00144	Structural Plate Pipe (144 Inch)	Str PP (144 In)	LF
510-00150	Structural Plate Pipe (150 Inch)	Str PP (150 In)	LF
510-00156	Structural Plate Pipe (156 Inch)	Str PP (156 In)	LF
510-00162	Structural Plate Pipe (162 Inch)	Str PP (162 In)	LF
510-00168	Structural Plate Pipe (168 Inch)	Str PP (168 In)	LF
510-00174	Structural Plate Pipe (174 Inch)	Str PP (174 In)	LF
510-00180	Structural Plate Pipe (180 Inch)	Str PP (180 In)	LF
510-01000	Place Structural Plate Pipe	Place Str PP	LF
510-10079	Structural Plate Arch Pipe (5 Foot 10 Inch X 6 Foot 6 Inch)	Str PAP (5-10x6-6)	LF
510-10087	Structural Plate Arch Pipe (5 Foot 10 Inch X 7 Foot 7 Inch)	Str PAP (5-10x7-7)	LF
510-10159	Structural Plate Arch Pipe (15 Foot 10 Inch X 9 Foot 10 Inch)	Str PAP (15-10x9-10)	LF
510-20021	Structural Plate Arch (9 Foot 0 Inch X 4 Foot 8-1/2 Inch)	Str PA (9-0x4-8.5)	LF
510-20025	Structural Plate Arch Pipe (13 foot 6 inch x 9 foot 6 inch)	Str PAP (13-6 x 9-6)	LF
510-20062	Structural Plate Arch (15 Foot 0 Inch X 7 Foot 5 Inch)	Str PA (15-0x7-5)	LF
510-20100	Structural Plate Arch (Special)	Str PA(Spec)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
510-50000	Tunnel Liner	Tunnel Liner	LF
511-00020	Structural Precast Concrete Arch Unit (20 to 30 Feet)	Str Precast Conc Arch Unit (20 to 30 Ft)	LF
511-00040	Structural Precast Concrete Arch Unit (40 to 50 Feet)	Str Precast Conc Arch Unit (40 to 50 Ft)	LF
512-00101	Bearing Device (Type I)	Bearing Device (Type I)	EACH
512-00102	Bearing Device (Type II)	Bearing Device (Type II)	EACH
512-00103	Bearing Device (Type III)	Bearing Device (Type III)	EACH
512-00104	Bearing Device (Type III)(Install Only)	Bearing Dev (Ty III)(Inst Only)	EACH
512-00105	Bearing Device (Type II) (Special)	Bearing Device (Ty II) (Spec)	EACH
512-00110	Bronze Bearing Plate	Bronze Bearing Plate	LB
512-00114	Bearing Device (Type IV)	Bearing Device (Type IV)	EACH
512-00115	Bearing Device (Type V)	Bearing Device (Type V)	EACH
512-00118	Bearing Device (Special)	Bearing Device (Spec)	EACH
512-00120	Bearing Repair Corbel	Bearing Repair Corbel	EACH
513-00600	Bridge Drain	Bridge Drain	EACH
513-00606	Bridge Drain (6 Inch)	Bridge Drain (6 In)	EACH
513-00608	Bridge Drain (8 Inch)	Bridge Drain (8 In)	EACH
513-00690	Bridge Drain (Special)	Bridge Drain (Spec)	EACH
513-00691	Bridge Drain (Special) (Install Only)	Inst Bridge Drain (Spec)	EACH
514-00000	Pipe Railing	Pipe Railing	LF
514-00009	Pedestrian Railing (9 Inch)	Ped Railing (9 In)	LF
514-00024	Pedestrian Railing (24 Inch)	Ped Railing (24 In)	LF
514-00025	Pipe and Redwood Railing	Pipe and Redwood Railing	LF
514-00042	Pedestrian Railing (42 Inch)	Ped Railing (42 In)	LF
514-00048	Pedestrian Railing (48 Inch)	Ped Railing (48 In)	LF
514-00054	Pedestrian Railing (54 Inch)	Ped Railing (54 In)	LF
514-00085	Pedestrian Railing (85 Inch)	Ped Railing (85 Inch)	LF
514-00094	Pedestrian Railing (94 Inch)	Ped Railing (94 In)	LF
514-00100	Hand Rail	Hand Rail	LF
514-00120	Pedestrian Railing (120 Inch)	Ped Railing (120 Inch)	LF
514-00200	Pedestrian Railing (Steel)	Pedestrian Railing (Steel)	LF
514-00201	Pedestrian Railing (Steel)(Special)	Ped Railing (Steel) (Spec)	LF
514-00300	Traffic Railing (Steel)	Traffic Railing (Steel)	LF
514-01000	Bridge Railing (Aluminum)	Bridge Railing (Alum)	LF
514-01010	Pedestrian Railing (Aluminum)	Pedestrian Railing (Alum)	LF
514-01011	Bridge Rail (Steel)	Bridge Rail (Steel)	LF
514-01017	Combination Pedestrian and Traffic Rail (Special)	Combination Rail (Spec)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
514-01020	Pedestrian Railing (Timber)	Pedestrian Railing (T)	LF
514-01030	Bikeway Railing (Timber)	Bikeway Railing (T)	LF
514-01040	Bikeway Railing (Steel)	Bikeway Railing (S)	LF
514-01050	Hand and Bikeway Railing	Hand and Bikeway Railing	LF
514-01100	Perforated Aluminum Panel	Perforated Aluminum Panel	SF
514-02100	Install Panel Restraining Tubing	Inst Panel Restraining Tubing	LF
514-02150	Install Anchor Bolt	Inst Anchor Bolt	EACH
514-03411	Retaining Wall (1) (Alternative Systems)	Retaining Wall (1) (Alternative Systems)	SF
515-00120	Waterproofing (Membrane)	Waterproofing (Membrane)	SY
515-00121	Waterproofing (Membrane)	Waterproofing (Membrane)	LF
515-00122	Waterproofing (Membrane)(Special)	Waterproofing (Membrane)(Spec)	SY
515-00124	Waterproofing (Membrane) (Spray Applied)	Waterproofing (Membrane) (Spray Applied)	SY
515-00200	Waterproofing (Duct Floor)	Waterproofing (Duct Floor)	SY
515-00250	Tunnel Drainage Membrane Lining	Tunnel Drain Membr Lining	LF
515-00251	Tunnel Drainage Membrane Lining	Tunnel Drain Membr Lining	SY
515-00300	Waterproof Coating	Waterproof Coating	SY
515-00400	Concrete Sealer	Concrete Sealer	SY
515-00402	Furnish Concrete Sealer (HMWM Resin)	Furnish Concrete Sealer (HMWM Resin)	GAL
515-00404	Place Concrete Sealer (HMWM Resin)	Place Concrete Sealer (HMWM Resin)	SF
515-00410	Concrete Sealer (Calcium Nitrite)	Concrete Sealer (Calcium Nitrite)	SY
515-00500	Corrosion Inhibitor (Penetrating)	Corrosion Inhibitor (Penetrating)	SY
516-00000	Dampproofing (Asphalt)	Dampproofing (Asphalt)	SY
517-00000	Waterproofing (Asphalt)	Waterproofing (Asphalt)	SY
517-00050	Waterproofing (Joint)	Waterproofing (Joint)	LF
517-00100	Waterproofing (Railroad)	Waterproofing (Railroad)	SY
518-00000	Bridge Compression Joint Sealer	Brdg Compress Joint Sealer	LF
518-00010	Roadway Compression Joint Sealer	Rdwy Compress Joint Sealer	LF
518-00100	Waterstop	Waterstop	LF
518-00106	Waterstop (6 Inch)	Waterstop (6 In)	LF
518-00109	Waterstop (9 Inch)	Waterstop (9 In)	LF
518-00112	Waterstop (12 Inch)	Waterstop (12 In)	LF
518-00206	Waterstop (Split Type) (6 Inch)	Waterstop (Split Ty) (6 In)	LF
518-01001	Bridge Expansion Joint (Asphaltic Plug)	Br Expan Joint (Asphaltic Plug)	LF
518-01002	Bridge Expansion Device (0-2 Inch)	Br Expan Device (0-2 In)	LF
518-01004	Bridge Expansion Device (0-4 Inch)	Br Expan Device (0-4 In)	LF
518-01005	Bridge Expansion Device (0-4 Inch)(with Snow Plow	Br Expan Device (0-4 In)(with SPP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
	Plates)		
518-01006	Bridge Expansion Device (0-6 Inch)	Br Expan Device (0-6 In)	LF
518-01009	Bridge Expansion Device (0-9 Inch)	Br Expan Device (0-9 In)	LF
518-01012	Bridge Expansion Device (0-12 Inch)	Br Expan Device (0-12 In)	LF
518-01015	Bridge Expansion Device (0-15 Inch)	Br Expan Device (0-15 In)	LF
518-01018	Bridge Expansion Device (0-18 Inch)	Br Expan Device (0-18 In)	LF
518-01050	Bridge Expansion Device (Special)	Br Expan Device (Special)	LF
518-01052	Bridge Expansion Device (0-2 Inch)/(0-4 Inch)(Complex)	Bridge Exp Dev (0-2 In)/(0-4 In)(Comp)	LF
518-01055	Bridge Expansion Device (Contraction)	Bridge Exp Dev (Contr)	LF
518-01060	Bridge Expansion Device (Gland) (0-4 Inches)	Br Expan Device (Gland) (0-4 In)	LF
518-01104	Bridge Expansion Device (0-4 Inch) (Install Only)	Inst Br Expan Device (0-4 In)	LF
518-01109	Bridge Expansion Device (Greater Than 4 In)(Install Only)	Inst Br Expan Device (Greater Than 4 In)	LF
518-01201	Bridge Expansion Device (Type 1)	Br Expan Device (Type 1)	LF
518-01250	Bridge Expansion Cover Plate	Br Expan Cover Plate	LF
518-01254	Expansion Joint (Fiber Reinforced Plastic) Eisenhower Johnson Memorial Tunnel	Expansion Joint (FRP) EJMT	LF
518-01304	Bridge Expansion Device (Neoprene) (0-4 Inch)	Br Expan Device (Neoprene)(0-4 In)	LF
518-01309	Bridge Expansion Device (Neoprene)(0-9 Inch)	Br Expan Device (Neoprene)(0-9 In)	LF
518-02000	Elastomeric Concrete End Dam	Elastomeric Conc End Dam	LF
518-02010	Elastomeric Concrete End Dam	Elastomeric Conc End Dam	CF
518-02030	Polyester Concrete End Dam	Polyester Conc End Dam	CF
518-02100	Polymer Mortar End Dam	Polymer Mortar End Dam	CF
518-03000	Sawing and Sealing Bridge Joint	Saw and Seal Br Joint	LF
518-03100	Rapid Cure Silicone Joint Seal	Rapid Cure Silicone Jt Seal	LF
518-03110	Preformed Silicone Joint Sealant	Preform Silicone Jt Seal	LF
519-00100	Epoxy	Epoxy	GAL
519-00200	Epoxy Mortar	Epoxy Mortar	CF
519-00300	Adhesive Anchorage	Adhesive Anchorage	EACH
519-01000	Epoxy Resin (Injection)	Epoxy Resin (Injection)	LF
519-01050	Epoxy Resin Crack Sealer	Epoxy Resin Crack Sealer	SF
519-01100	Epoxy Mortar (Injection)	Epoxy Mortar (Injection)	LF
519-01200	Epoxy Mortar (Patching)	Epoxy Mortar (Patching)	CF
519-01300	Polyurethane Resin	Polyurethane Resin	LB
519-02000	Corner Monuments	Corner Monuments	EACH
519-03000	Thin Bonded Epoxy Overlay	Thin Bonded Epoxy Overlay	SY
519-03030	Thin Bonded Overlay (Polyester Concrete)	Thin Bonded Overlay (Poly Conc)	SY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
519-03035	Place Thin Bonded Overlay (Polyester Concrete)	Place Thin Bond Overlay (Poly Conc)	SY
519-03040	Thin Bonded Overlay (Polyester Concrete)	Thin Bonded Overlay (Poly Conc)	CY
519-03050	Thin Bonded Overlay (Polyester Concrete)	Thin Bonded Overlay (Poly Conc)	CF
519-03055	Furnish Thin Bonded Overlay (Polyester Concrete)	Furnish Thin Bond Overlay (Poly Conc)	CF
520-00000	Bridge Hanger Cable Assembly	Bridge Hanger Cable Assembly	L S
521-00000	Slurry Cut-Off Wall	Slurry Cut-Off Wall	SF
521-00003	Slurry Wall Washing	Slurry Wall Washing	SF
521-00009	Excess Slurry Loss	Excess Slurry Loss	CY
521-00010	Slurry Cut Off Wall (Concrete T Wall)	Slurry Wall (Conc T Wall)	SF
521-00024	Slurry Cut-Off Wall (Concrete Diaphragm) (24 In)	Slurry Wall (Conc Diaph) (24 In)	SF
521-00036	Slurry Cut Off Wall (Concrete Diaphragm) (36 In)	Slurry Wall (Conc Diaph) (36 In)	SF
521-00042	Slurry Cut Off Wall (Concrete Diaphragm) (42 In)	Slurry Wall (Conc Diaph) (42 In)	SF
521-00043	Slurry Cut Off Wall (Concrete Diaphragm) (Abutment) (42 In)	Slurry Wall (Conc Diaph)(Abut) (42 In)	SF
521-00048	Slurry Cut Off Wall (Concrete Diaphragm) (48 In)	Slurry Wall (Conc Diaph) (48 In)	SF
521-00060	Slurry Wall	Slurry Wall	SF
522-00000	Natina Treatment Galvanized	Natina Treatment Galv	L S
601-01000	Concrete Class B	Conc CL B	CY
601-01010	Concrete Class BZ	Conc CL BZ	CY
601-01025	Concrete Class B (Miscellaneous)	Conc CL B (Misc)	CY
601-01030	Concrete Class B (Box Culvert)	Conc CL B (Box)	CY
601-01040	Concrete Class B (Bridge)	Conc CL B (Bridge)	CY
601-01050	Concrete Class B (Wall)	Conc CL B (Wall)	CY
601-01060	Concrete Class B (Tunnel)	Conc CL B (Tunnel)	CY
601-01065	Concrete Class B (Mud Slab)	Conc CL B (Mud Slab)	CY
601-03000	Concrete Class D	Conc CL D	CY
601-03020	Concrete Class D (Miscellaneous)	Conc CL D (Misc)	CY
601-03025	Concrete Class D (Miscellaneous) (Colored)	Conc CL D (Misc) (C)	CY
601-03027	Concrete Class D (Special)	Conc CL D (Spec)	CY
601-03030	Concrete Class D (Box Culvert)	Conc CL D (Box)	CY
601-03040	Concrete Class D (Bridge)	Conc CL D (Bridge)	CY
601-03041	Concrete Class D (Bridge) (Special)	Conc CL D (Bridge) (Spec)	CY
601-03050	Concrete Class D (Wall)	Conc CL D (Wall)	CY
601-03052	Concrete Class D (Wall) (Colored)	Conc CL D (Wall) (C)	CY
601-03055	Concrete Class D (Wall) (Special)	Conc CL D (Wall) (Spec)	CY
601-03056	Concrete Class DF	Conc CL DF	CY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
601-03057	Concrete Class DR	Conc CL DR	CY
601-03540	Concrete Class DT (Deck Topping)	Conc CL DT (Deck Topping)	CY
601-03550	Concrete Class DTR	Conc CL DTR	CY
601-04000	Concrete Class E	Conc CL E	CY
601-04100	Concrete Class E (Bridge)	Conc CL E (Bridge)	CY
601-04550	Concrete Class G	Conc CL G	CY
601-05000	Concrete Class H	Conc CL H	CY
601-05001	Concrete Class H (Bridge)	Conc CL H (Bridge)	CY
601-05010	Concrete Class H (Special)	Conc CL H (Sp)	CY
601-05012	Concrete Class KS	Conc CL KS	CY
601-05016	Concrete Class P	Conc CL P	CY
601-05018	Concrete Class PRS	Conc CL PRS	SY
601-05020	Concrete Class R	Conc CL R	CY
601-05035	Concrete Class S35	Conc CL S35	CY
601-05045	Concrete Class S40	Conc CL S40	CY
601-05050	Concrete Class S50	Conc CL S50	CY
601-05540	Concrete Class HT (Deck Topping)	Conc CL HT (Deck Topping)	CY
601-05900	Concrete Self Consolidating	Conc SC	CY
601-06000	Latex Modified Concrete Placement	Latex Modified Concrete Placement	SY
601-06002	Latex Modified Concrete	Latex Modified Concrete	CY
601-06020	Concrete (Patching) (Polymer)	Conc (Patching) (Polymer)	CY
601-06100	Concrete (Patching)	Conc (Patching)	CY
601-06102	Concrete (Patching)	Concrete (Patching)	CF
601-06150	Concrete (Patching)	Conc (Patching)	SF
601-06160	Concrete (Patching)(Slow Curing)	Conc (Patching)(Slow Curing)	CY
601-06161	Concrete (Patching)(Slow Curing)	Conc (Patching)(Slow Curing)	CF
601-06164	Concrete (Patching)(Fast Curing)	Conc (Patching)(Fast Curing)	CY
601-06165	Concrete (Patching)(Fast Curing)	Conc (Patching)(Fast Curing)	CF
601-06175	Concrete (Place)	Conc (Place)	CY
601-06250	Calcium Nitrite	Calcium Nitrite	GAL
601-06300	Cement Grout	Cement Grout	CF
601-06400	Grout (Bridge)(Special)	Grout (Bridge)(Spec)	CF
601-06402	Grout (Bridge) (Ultra High Performance Concrete)	Grout (Bridge) (UHPC)	CF
601-06404	Concrete (Ultra High Performance Concrete)	Concrete (UHPC)	CF
601-06405	Contact Grouting	Contact Grouting	CY
601-07000	Concrete Retaining Wall	Conc Retaining Wall	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
601-10200	Mud Jacking	Mud Jacking	HOUR
601-10250	Slab Jacking	Slab Jacking	LB
601-10310	Fly Ash Slurry	Fly Ash Slurry	CY
601-10320	Lime - Fly Ash Slurry Pressure Injection	Lime-Fly Ash Injection	CF
601-10330	Portland Cement - Fly Ash Slurry Pressure Injection	Port Cement-Fly Ash Injection	CF
601-10350	Slab Stabilization	Slab Stabilization	EACH
601-10400	Drilled Hole	Drilled Hole	EACH
601-11006	Shotcrete (Smoothing)(Supplemental)	Shotcrete (Smooth) (Suppl)	CY
601-12072	Concrete Lining (72 Inch Conduit)	Conc Lining (72 In Cond)	LF
601-12084	Concrete Lining (84 Inch Conduit)	Conc Lining (84 In Cond)	LF
601-12120	Concrete Lining (120 Inch Conduit)	Conc Lining (120 In Cond)	LF
601-13000	Final Lining Concrete (Portals)	Final Lin Conc (Portals)	CY
601-13001	Structural Concrete Stain (Special)	Str Conc Stain (Special)	SY
601-13002	Final Lining Concrete Footing	Final Lin Conc Foot	CY
601-13003	Final Lining Concrete Walls and Arch	Final Lin Conc Walls and Arch	CY
601-14000	Concrete Footing (Type 1)	Conc Footing (Ty 1)	LF
601-14002	Concrete Footing (Type 2)	Conc Footing (Ty 2)	LF
601-21000	Precast Wall Segment	Precast Wall Seg	EACH
601-21003	Precast Wall Segment	Precast Wall Seg	SF
601-21004	Precast Wall Segment (Furnish Only)	Furn Precast Wall Seg	SF
601-21010	Precast Concrete Unit	Precast Concrete Unit	CY
601-21025	24 Inch Drainage Pipe (CL 1) (Complete In Place)	24 In Drainage Pipe (CL 1) (CIP)	LF
601-22000	Precast Concrete Curtain Wall	Precast Conc Curtain Wall	EACH
601-22010	Place Precast Wall Segment	Place Precast Wall Seg	EACH
601-25730	Precast Concrete Deck Panel (3 Inch)	Precast Deck Panel (3 In)	SY
601-25735	Precast Concrete Deck Panel (3.5 Inch)	Precast Deck Panel (3.5 In)	SY
601-25736	Precast Concrete Deck Panel (3 Inch) (Install Only)	Precast Deck Panel (3 In) (Install Only)	SY
601-25750	Modifications to Existing Bridge	Mod Exist Bridge	L S
601-25900	Tile-Faced Precast Concrete Panels	Tile-Faced Precast Conc Panels	SF
601-25901	Repair Existing Panels	Repair Existing Panels	SF
601-25905	Tunnel Formwork (Furnish Only)	Tunnel Frmwrk (Furn Only)	L S
601-26000	Precast Concrete Cap (Decorative) (Special)	Precast Conc Cap (Dec)(Spec)	EACH
601-27000	Precast Concrete Abutment Cap	Precast Conc Abut Cap	EACH
601-28000	Precast Concrete End Diaphragm	Precast Conc End Diaphragm	EACH
601-30000	Stone Fascia	Stone Fascia	SF
601-40000	Masonry Veneer	Masonry Veneer	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
601-40002	Masonry Veneer (Brick)	Masonry Veneer (Brick)	SF
601-40005	Cut Stone Veneer	Cut Stone Veneer	SF
601-40006	Cut Stone Veneer (Slab)	Cut Stone Veneer (Slab)	SF
601-40007	Cut Stone Veneer (Ashler)	Cut Stone Veneer (Ashler)	SF
601-40010	Masonry Wall	Masonry Wall	SF
601-40011	Environmental Concrete Sealer	Environ Conc Sealer	SF
601-40100	Concrete Anchor	Concrete Anchor	EACH
601-40200	Class 5 Finish	Class 5 Finish	SF
601-40210	Concrete Finish (Special)	Conc Finish (Spec)	SF
601-40250	Bridge Deck Finish (Sawed Grooves)	Bridge Deck Finish (Saw Grv)	SY
601-40300	Structural Concrete Coating	Struct Conc Coating	SY
601-40301	Structural Concrete Coating	Struct Conc Coating	SF
601-40302	Structural Concrete Coating (Anti-Graffiti)	Struct Conc Coating (Anti-Graf)	SF
601-40400	Structural Concrete Stain	Struct Conc Stain	SY
601-40401	Structural Concrete Stain	Struct Conc Stain	SF
601-40410	Environmental Concrete Stain	Environ Conc Stain	SF
601-40600	Concrete Tinting	Concrete Tinting	SY
601-40900	Paint Existing Structure	Paint Existing Structure	L S
601-50000	Glazed Wall Tile	Glazed Wall Tile	SF
601-50010	Glazed Wall Tile (Spare)	Glazed Wall Tile (Spare)	EACH
601-51000	Galvanic Anodes	Galvanic Anodes	L S
601-51005	Galvanic Anodes	Galvanic Anodes	EACH
601-51007	Galvanic Anodes (Install Only)	Galvanic Anodes (Install Only)	EACH
602-00000	Reinforcing Steel	Reinf Steel	LB
602-00002	Reinforcing Steel (Tunnel)	Reinforcing Steel (Tunnel)	LB
602-00010	Reinforcing Steel (Galvanized)	Reinf Steel (Galv)	LB
602-00011	Reinforcing Steel (High Performance)	Reinf Steel (HP)	LB
602-00020	Reinforcing Steel (Epoxy Coated)	Reinf Steel (Epoxy)	LB
602-00025	Reinforcing Steel (Stainless)	Reinf Steel (Stainless)	LB
602-00026	Reinforcing Steel (Final Lining)(Footing)(Epoxy Coated)	Reinf Steel (Fin Lin)(Ftg)(Epxy Coat)	LB
602-00027	Reinforcing Steel (Final Lining)(Walls and Arch)	Reinf Steel (Fin Lin)(Walls and Arch)	LB
602-00028	Reinforcing Steel (Final Lining)(Walls)(Epoxy Coated)	Reinf Steel (Fin Lin)(Walls)(Epxy Coat)	LB
602-00030	Reinforcing (Fiber Reinforced Polymer)(Surface)	Reinf (FRP)(Surface)	MKFT
602-00050	Reinforcing (Fiber Reinforced Plastic)	Reinforcing (FRP)	CY
602-00060	Reinforcing Steel Splice	Reinf Steel Splice	EACH
602-00070	Reinf (Fiber Reinforcement) (Surface)	Reinf (Fiber Reinf) (Surface)	MKFT



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
602-00200	Weld Reinforcing Steel	Weld Reinf Steel	EACH
602-00210	Welded Wire Fabric	Welded Wire Fabric	SY
603-00000	Culvert Lining	Culvert Lining	LF
603-00001	Annular Space Grouting	Annular Space Grouting	CY
603-00010	Culvert Lining	Culvert Lining	SF
603-00015	Culvert Lining (15 Inch)	Culvert Lining (15 In)	LF
603-00018	Culvert Lining (18 Inch)	Culvert Lining (18 In)	LF
603-00024	Prepare Culvert Pipe (24 Inch)	Prep Culvert Pipe (24 In)	LF
603-00025	Culvert Lining (24 Inch)(Special)	Culvert Lining (24 Inch)(Special)	LF
603-00026	Culvert Lining (24 Inch)	Culvert Lining (24 In)	LF
603-00029	Prepare Culvert Pipe (30 Inch)	Prep Culvert Pipe (30 In)	LF
603-00030	Culvert Lining (30 Inch)	Culvert Lining (30 In)	LF
603-00035	Prepare Culvert Pipe (36 Inch)	Prep Culvert Pipe (36 In)	LF
603-00036	Culvert Lining (36 Inch)	Culvert Lining (36 In)	LF
603-00037	Culvert Lining (36 Inch) (Install Only)(Jacked)	Inst Culvert Lining (36 In)(J)	LF
603-00038	Culvert Lining (36 Inch)(Special)	Culvert Lining (36 In)(Spec)	LF
603-00039	Culvert Lining (36 inch)(Paved Invert)	Culv Lining (36")(Paved Inv)	LF
603-00040	Culvert Lining (40 Inch)	Culvert Lining (40 In)	LF
603-00041	Prepare Culvert Pipe (42 Inch)	Prep Culvert Pipe (42 In)	LF
603-00042	Culvert Lining (42 Inch)	Culvert Lining (42 Inch)	LF
603-00043	Culvert Lining (42 Inch)(Spray Applied)	Culvert Lining (42 In) (Spray App)	LF
603-00045	Culvert Lining (36")(Spray Applied)	Culvert Lining (36")(Spray App)	LF
603-00046	Culvert Lining (36")(Slip)	Culvert Lining (36")(Slip)	LF
603-00047	Prepare Culvert Pipe (48 Inch)	Prepare Culvert Pipe (48 In)	LF
603-00048	Culvert Lining (48 Inch)	Culvert Lining (48 In)	LF
603-00049	Culvert Lining (48 Inch)(Special)	Culvert Lining (48 Inch)(Special)	LF
603-00050	Culvert Lining (48 Inch)(Paved Invert)	Culvert Lining (48 In)(Paved Inv)	LF
603-00051	Culvert Lining (48 Inch)(Slip)	Culvert Lining (48 In)(Slip)	LF
603-00052	Culvert Lining (48 Inch)(Spray Applied)	Culvert Lining (48 In)(Spray App)	LF
603-00053	Prepare Culvert Pipe (54 Inch)	Prep Culvert Pipe (54 In)	LF
603-00054	Culvert Lining (54 Inch)	Culvert Lining (54 In)	LF
603-00056	Culvert Lining (54 Inch)(Paved Invert)	Culvert Lining (54 In)(Paved Inv)	LF
603-00057	Culvert Lining (54 Inch)(Slip)	Culvert Lining (54 In)(Slip)	LF
603-00058	Culvert Lining (54 Inch)(Spray Applied)	Culvert Lining (54 In)(Spray App)	LF
603-00060	Culvert Lining (60 Inch)	Culvert Lining (60 In)	LF
603-00061	Prepare Culvert Pipe (60 Inch)	Prep Culvert Pipe (60 In)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-00062	Culvert Lining (60 Inch)(Special)	Culvert Lining (60 Inch)(Special)	LF
603-00063	Culvert Lining (60 Inch)(Paved Invert)	Culvert Lining (60 In)(Paved Inv)	LF
603-00064	Culvert Lining (60 Inch)(Slip)	Culvert Lining (60 In)(Slip)	LF
603-00065	Culvert Lining (60 Inch)(Spray Applied)	Culvert Lining (60 In)(Spray App)	LF
603-00066	Culvert Lining (66 Inch)	Culvert Lining (66 In)	LF
603-00072	Culvert Lining (72 Inch)	Culvert Lining (72 In)	LF
603-00073	Culvert Lining (72 Inch)(Special)	Culvert Lining (72 Inch)(Special)	LF
603-00077	Prepare Culvert Pipe (78 Inch)	Prep Culvert Pipe (78 In)	LF
603-00078	Culvert Lining (78 Inch)	Culvert Lining (78 In)	LF
603-00080	8 Inch Non-Reinforced Concrete Pipe	8 In NRCP	LF
603-00084	Culvert Lining (84 Inch)	Culvert Lining (84 In)	LF
603-00086	Culvert Lining (84 Inch)(Paved Invert)	Culvert Lining (84 Inch)(Paved Inv)	LF
603-00087	Culvert Lining (84 Inch)(Slip)	Culvert Lining (84 In)(Slip)	LF
603-00088	Culvert Lining (84 Inch)(Spray Applied)	Culvert Lining (84 In)(Spray App)	LF
603-00097	Culvert Lining (96 Inch)(Spray Applied)	Culvert Lining (96 In)(Spray App)	LF
603-00100	10 Inch Non-Reinforced Concrete Pipe	10 In NRCP	LF
603-00108	Culvert Lining (108 Inch)	Culvert Lining (108 In)	LF
603-00120	12 Inch Non-Reinforced Concrete Pipe	12 In NRCP	LF
603-00123	Culvert Lining (120 Inch)	Culvert Lining (120 In)	LF
603-00180	Culvert Lining (180 Inch)(Paved Invert)	Culvert Lining (180 In)(Paved Inv)	LF
603-00200	Pipe Protection	Pipe Protection	L S
603-00300	Pipe Anchor	Pipe Anchor	EACH
603-01120	12 Inch Reinforced Concrete Pipe	12 In RCP	LF
603-01125	12 Inch Reinforced Concrete Pipe (Complete In Place)	12 In RCP (CIP)	LF
603-01150	15 Inch Reinforced Concrete Pipe	15 In RCP	LF
603-01155	15 Inch Reinforced Concrete Pipe (Complete In Place)	15 In RCP (CIP)	LF
603-01180	18 Inch Reinforced Concrete Pipe	18 In RCP	LF
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	18 In RCP (CIP)	LF
603-01186	18 Inch Reinforced Concrete Pipe (Complete In Place)(Install Only)	Inst 18 In RCP (CIP)	LF
603-01210	21 Inch Reinforced Concrete Pipe	21 In RCP	LF
603-01215	21 Inch Reinforced Concrete Pipe (Complete In Place)	21 In RCP (CIP)	LF
603-01240	24 Inch Reinforced Concrete Pipe	24 In RCP	LF
603-01245	24 Inch Reinforced Concrete Pipe (Complete In Place)	24 In RCP (CIP)	LF
603-01246	24 Inch Reinforced Concrete Pipe (Complete In Place)(Install Only)	Inst 24 In RCP (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-01270	27 Inch Reinforced Concrete Pipe	27 In RCP	LF
603-01275	27 Inch Reinforced Concrete Pipe (Complete In Place)	27 In RCP (CIP)	LF
603-01300	30 Inch Reinforced Concrete Pipe	30 In RCP	LF
603-01305	30 Inch Reinforced Concrete Pipe (Complete In Place)	30 In RCP (CIP)	LF
603-01330	33 Inch Reinforced Concrete Pipe	33 In RCP	LF
603-01335	33 Inch Reinforced Concrete Pipe (Complete In Place)	33 In RCP (CIP)	LF
603-01360	36 Inch Reinforced Concrete Pipe	36 In RCP	LF
603-01365	36 Inch Reinforced Concrete Pipe (Complete In Place)	36 In RCP (CIP)	LF
603-01420	42 Inch Reinforced Concrete Pipe	42 In RCP	LF
603-01425	42 Inch Reinforced Concrete Pipe (Complete In Place)	42 In RCP (CIP)	LF
603-01480	48 Inch Reinforced Concrete Pipe	48 In RCP	LF
603-01485	48 Inch Reinforced Concrete Pipe (Complete In Place)	48 In RCP (CIP)	LF
603-01540	54 Inch Reinforced Concrete Pipe	54 In RCP	LF
603-01545	54 Inch Reinforced Concrete Pipe (Complete In Place)	54 In RCP (CIP)	LF
603-01572	91x58 Inch Reinforced Concrete End Section Elliptical	91x58 In RCES	EACH
603-01600	60 Inch Reinforced Concrete Pipe	60 In RCP	LF
603-01605	60 Inch Reinforced Concrete Pipe (Complete In Place)	60 In RCP (CIP)	LF
603-01660	66 Inch Reinforced Concrete Pipe	66 In RCP	LF
603-01665	66 Inch Reinforced Concrete Pipe (Complete In Place)	66 In RCP (CIP)	LF
603-01720	72 Inch Reinforced Concrete Pipe	72 In RCP	LF
603-01725	72 Inch Reinforced Concrete Pipe (Complete In Place)	72 In RCP (CIP)	LF
603-01780	78 Inch Reinforced Concrete Pipe	78 In RCP	LF
603-01784	Culvert Lining (78 Inch)	Culvert Lining (78")	LF
603-01785	78 Inch Reinforced Concrete Pipe (Complete In Place)	78 In RCP (CIP)	LF
603-01840	84 Inch Reinforced Concrete Pipe	84 In RCP	LF
603-01845	84 Inch Reinforced Concrete Pipe (Complete In Place)	84 In RCP (CIP)	LF
603-01900	90 Inch Reinforced Concrete Pipe	90 In RCP	LF
603-01905	90 Inch Reinforced Concrete Pipe (Complete In Place)	90 In RCP (CIP)	LF
603-01960	96 Inch Reinforced Concrete Pipe	96 In RCP	LF
603-01980	108 Inch Reinforced Concrete Pipe	108 In RCP	LF
603-02115	Culvert Lining (21 x 15 Inch)	Culvert Lining (21 x 15 In)	LF
603-02155	18x12 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	18x12 In RCP (CIP)	LF
603-02180	23x14 Inch Reinforced Concrete Pipe Elliptical	23x14 In RCP	LF
603-02185	23x14 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	23x14 In RCP (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-02240	30x19 Inch Reinforced Concrete Pipe Elliptical	30x19 In RCP	LF
603-02245	30x19 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	30x19 In RCP (CIP)	LF
603-02246	30x19 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)(Install Only)	Inst 30x19 In RCP (CIP)	LF
603-02270	34x22 Inch Reinforced Concrete Pipe Elliptical	34x22 In RCP	LF
603-02271	34 x 22 Inch Reinforced Concrete Pipe Elliptical (Complete in Place)	34x22 In RCP (CIP)	LF
603-02272	34 x 22 Inch Reinforced Concrete End Section Elliptical	34x22 In RCES	EACH
603-02300	38x24 Inch Reinforced Concrete Pipe Elliptical	38x24 In RCP	LF
603-02305	38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	38x24 In RCP (CIP)	LF
603-02306	38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)(Install Only)	Inst 38x24 In RCP (CIP)	LF
603-02360	45x29 Inch Reinforced Concrete Pipe Elliptical	45x29 In RCP	LF
603-02365	45x29 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	45x29 In RCP (CIP)	LF
603-02390	49x32 Inch Reinforced Concrete Pipe Elliptical	49x32 In RCP	LF
603-02420	53x34 Inch Reinforced Concrete Pipe Elliptical	53x34 In RCP	LF
603-02425	53x34 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	53x34 In RCP (CIP)	LF
603-02480	60x38 Inch Reinforced Concrete Pipe Elliptical	60x38 In RCP	LF
603-02485	60x38 Inch Reinforced Concrete Pipe Elliptical (CIP)	60x38 In. RCP (CIP)	LF
603-02540	68x43 Inch Reinforced Concrete Pipe Elliptical	68x43 In RCP	LF
603-02545	68x43 Inch Reinforcement Concrete Pipe Elliptical (Complete In Place)	68x43 In RCP (CIP)	LF
603-02600	76x48 Inch Reinforced Concrete Pipe Elliptical	76x48 In RCP	LF
603-02605	76x48 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	76x48 In RCP (CIP)	LF
603-02660	83x53 Inch Reinforced Concrete Pipe Elliptical	83x53 In RCP	LF
603-02665	83X53 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	83X53 In RCP (CIP)	LF
603-02720	91x58 Inch Reinforced Concrete Pipe Elliptical	91x58 In RCP	LF
603-02780	98x63 Inch Reinforced Concrete Pipe Elliptical	98x63 In RCP	LF
603-02840	106x68 Inch Reinforced Concrete Pipe Elliptical	106x68 In RCP	LF
603-02900	113x72 Inch Reinforced Concrete Pipe Elliptical	113x72 In RCP	LF
603-03120	12 Inch Reinforced Concrete Pipe Special	12 In RCP Spec	LF
603-03150	15 Inch Reinforced Concrete Pipe Special	15 In RCP Spec	LF
603-03180	18 Inch Reinforced Concrete Pipe Special	18 In RCP Spec	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-03240	24 Inch Reinforced Concrete Pipe Special	24 In RCP Spec	LF
603-03300	30 Inch Reinforced Concrete Pipe Special	30 In RCP Spec	LF
603-03330	33 Inch Reinforced Concrete Pipe Special	33 In RCP Spec	LF
603-03360	36 Inch Reinforced Concrete Pipe Special	36 In RCP Spec	LF
603-03361	36 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 36 In RCP (Spec)	LF
603-03420	42 Inch Reinforced Concrete Pipe Special	42 In RCP Spec	LF
603-03480	48 Inch Reinforced Concrete Pipe Special	48 In RCP Spec	LF
603-03540	54 Inch Reinforced Concrete Pipe Special	54 In RCP Spec	LF
603-03541	54 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 54 In RCP (Spec)	LF
603-03601	60 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 60 In RCP (Spec)	LF
603-03660	66 Inch Reinforced Concrete Pipe Special	66 In RCP Spec	LF
603-03661	66 Inch Reinforced Concrete Pipe Special (Install Only)	Inst 66 In RCP (Spec)	LF
603-03720	72 Inch Reinforced Concrete Pipe Special	72 In RCP Spec	LF
603-03721	72 Inch RCP (Special) (Install Only)	Inst 72 In RCP (Spec)	LF
603-03780	78 Inch Reinforced Concrete Pipe Special	78 In RCP Spec	LF
603-03960	96 Inch Reinforced Concrete Pipe Special	96 In RCP Spec	LF
603-05012	12 Inch Reinforced Concrete End Section	12 In RCES	EACH
603-05015	15 Inch Reinforced Concrete End Section	15 In RCES	EACH
603-05018	18 Inch Reinforced Concrete End Section	18 In RCES	EACH
603-05019	18 Inch Reinforced Concrete End Section (Special)	18 In RCES (Spec)	EACH
603-05021	21 Inch Reinforced Concrete End Section	21 In RCES	EACH
603-05024	24 Inch Reinforced Concrete End Section	24 In RCES	EACH
603-05030	30 Inch Reinforced Concrete End Section	30 In RCES	EACH
603-05031	30 Inch Reinforced Concrete End Section (Special)	30 In RCES (Spec)	EACH
603-05033	33 Inch Reinforced Concrete End Section	33 In RCES	EACH
603-05036	36 Inch Reinforced Concrete End Section	36 In RCES	EACH
603-05042	42 Inch Reinforced Concrete End Section	42 In RCES	EACH
603-05048	48 Inch Reinforced Concrete End Section	48 In RCES	EACH
603-05054	54 Inch Reinforced Concrete End Section	54 In RCES	EACH
603-05055	54 Inch Reinforced Concrete End Section (Install Only)	Inst 54 In RCES	EACH
603-05060	60 Inch Reinforced Concrete End Section	60 In RCES	EACH
603-05066	66 Inch Reinforced Concrete End Section	66 In RCES	EACH
603-05067	66 Inch Reinforced Concrete End Section (Install Only)	Inst 66 In RCES	EACH
603-05072	72 Inch Reinforced Concrete End Section	72 In RCES	EACH
603-05073	72 Inch Reinforced Concrete End Section (Install Only)	Inst 72 In RCES	EACH
603-05078	78 Inch Reinforced Concrete End Section	78 In RCES	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-05084	84 Inch Reinforced Concrete End Section	84 In RCES	EACH
603-05118	23x14 Inch Reinforced Concrete End Section Elliptical	23x14 In RCES	EACH
603-05124	30x19 Inch Reinforced Concrete End Section Elliptical	30x19 In RCES	EACH
603-05130	38x24 Inch Reinforced Concrete End Section Elliptical	38x24 In RCES	EACH
603-05136	45x29 Inch Reinforced Concrete End Section Elliptical	45x29 In RCES	EACH
603-05142	53x34 Inch Reinforced Concrete End Section Elliptical	53x34 In RCES	EACH
603-05148	60x38 Inch Reinforced Concrete End Section Elliptical	60x38 In RCES	EACH
603-05154	68x43 Inch Reinforced Concrete End Section Elliptical	68x43 In RCES	EACH
603-05160	76x48 Inch Reinforced Concrete End Section Elliptical	76x48 In RCES	EACH
603-05166	83x53 Inch Reinforced Concrete End Section Elliptical	83x53 In RCES	EACH
603-05172	91x58 Inch Reinforced Concrete End Section Elliptical	91x58 In RCES	EACH
603-05200	Place Reinforced Concrete End Section	Place RCES	EACH
603-05440	Culvert Lining (54 x 40 Inch)	Culvert Lining (54 x 40 In)	LF
603-06236	Place 36 Inch Reinforced Concrete Pipe	Place 36 In RCP	LF
603-07150	15 Inch Reinforced Concrete Pipe (Jacked)	15 In RCP (Jacked)	LF
603-07180	18 Inch Reinforced Concrete Pipe (Jacked)	18 In RCP (Jacked)	LF
603-07240	24 Inch Reinforced Concrete Pipe (Jacked)	24 In RCP (Jacked)	LF
603-07300	30 Inch Reinforced Concrete Pipe (Jacked)	30 In RCP (Jacked)	LF
603-07360	36 Inch Reinforced Concrete Pipe (Jacked)	36 In RCP (Jacked)	LF
603-07420	42 Inch Reinforced Concrete Pipe (Jacked)	42 In RCP (Jacked)	LF
603-07480	48 Inch Reinforced Concrete Pipe (Jacked)	48 In RCP (Jacked)	LF
603-07540	54 Inch Reinforced Concrete Pipe (Jacked)	54 In RCP (Jacked)	LF
603-07600	60 Inch Reinforced Concrete Pipe (Jacked)	60 In RCP (Jacked)	LF
603-07660	66 Inch Reinforced Concrete Pipe (Jacked)	66 In RCP (Jacked)	LF
603-07720	72 Inch Reinforced Concrete Pipe (Jacked)	72 In RCP (Jacked)	LF
603-07780	78 Inch Reinforced Concrete Pipe (Jacked)	78 In RCP (Jacked)	LF
603-07840	84 Inch Reinforced Concrete Pipe (Jacked)	84 In RCP (Jacked)	LF
603-07960	96 Inch Reinforced Concrete Pipe (Jacked)	96 In RCP (Jacked)	LF
603-07980	108 Inch Reinforced Concrete Pipe (Jacked)	108 In RCP (Jacked)	LF
603-10060	6 Inch Corrugated Steel Pipe	6 In CSP	LF
603-10080	8 Inch Corrugated Steel Pipe	8 In CSP	LF
603-10100	10 Inch Corrugated Steel Pipe	10 In CSP	LF
603-10109	10 Inch Corrugated Steel Pipe Nestable	10 In CSP Nest	LF
603-10120	12 Inch Corrugated Steel Pipe	12 In CSP	LF
603-10150	15 Inch Corrugated Steel Pipe	15 In CSP	LF
603-10151	15 Inch Corrugated Steel Pipe (Install Only)	Inst 15 In CSP	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-10180	18 Inch Corrugated Steel Pipe	18 In CSP	LF
603-10210	21 Inch Corrugated Steel Pipe	21 In CSP	LF
603-10240	24 Inch Corrugated Steel Pipe	24 In CSP	LF
603-10249	24 Inch Corrugated Steel Pipe Nestable	24 In CSP Nest	LF
603-10300	30 Inch Corrugated Steel Pipe	30 In CSP	LF
603-10309	30 Inch Corrugated Steel Pipe Nestable	30 In CSP Nest	LF
603-10360	36 Inch Corrugated Steel Pipe	36 In CSP	LF
603-10420	42 Inch Corrugated Steel Pipe	42 In CSP	LF
603-10480	48 Inch Corrugated Steel Pipe	48 In CSP	LF
603-10540	54 Inch Corrugated Steel Pipe	54 In CSP	LF
603-10600	60 Inch Corrugated Steel Pipe	60 In CSP	LF
603-10660	66 Inch Corrugated Steel Pipe	66 In CSP	LF
603-10720	72 Inch Corrugated Steel Pipe	72 In CSP	LF
603-10780	78 Inch Corrugated Steel Pipe	78 In CSP	LF
603-10840	84 Inch Corrugated Steel Pipe	84 In CSP	LF
603-10900	90 Inch Corrugated Steel Pipe	90 In CSP	LF
603-10960	96 Inch Corrugated Steel Pipe	96 In CSP	LF
603-10970	102 Inch Corrugated Steel Pipe	102 In CSP	LF
603-10980	108 Inch Corrugated Steel Pipe	108 In CSP	LF
603-10992	120 Inch Corrugated Steel Pipe	120 In CSP	LF
603-10999	138 Inch Corrugated Steel Pipe	138 In CSP	LF
603-15015	15 Inch Equivalent Corrugated Steel Pipe Arch	15 In Equiv CSPA	LF
603-15018	18 Inch Equivalent Corrugated Steel Pipe Arch	18 In Equiv CSPA	LF
603-15021	21 Inch Equivalent Corrugated Steel Pipe Arch	21 In Equiv CSPA	LF
603-15024	24 Inch Equivalent Corrugated Steel Pipe Arch	24 In Equiv CSPA	LF
603-15030	30 Inch Equivalent Corrugated Steel Pipe Arch	30 In Equiv CSPA	LF
603-15036	36 Inch Equivalent Corrugated Steel Pipe Arch	36 In Equiv CSPA	LF
603-15042	42 Inch Equivalent Corrugated Steel Pipe Arch	42 In Equiv CSPA	LF
603-15048	48 Inch Equivalent Corrugated Steel Pipe Arch	48 In Equiv CSPA	LF
603-15054	54 Inch Equivalent Corrugated Steel Pipe Arch	54 In Equiv CSPA	LF
603-15060	60 Inch Equivalent Corrugated Steel Pipe Arch	60 In Equiv CSPA	LF
603-15066	66 Inch Equivalent Corrugated Steel Pipe Arch	66 In Equiv CSPA	LF
603-15072	72 Inch Equivalent Corrugated Steel Pipe Arch	72 In Equiv CSPA	LF
603-15078	78 Inch Equivalent Corrugated Steel Pipe Arch	78 In Equiv CSPA	LF
603-15084	84 Inch Equivalent Corrugated Steel Pipe Arch	84 In Equiv CSPA	LF
603-15090	90 Inch Equivalent Corrugated Steel Pipe Arch	90 In Equiv CSPA	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-15096	96 Inch Equivalent Corrugated Steel Pipe Arch	96 In Equiv CSPA	LF
603-15102	102 Inch Equivalent Corrugated Steel Pipe Arch	102 In Equiv CSPA	LF
603-15108	108 Inch Equivalent Corrugated Steel Pipe Arch	108 In Equiv CSPA	LF
603-16018	18 Inch Equivalent Corrugated Aluminum Pipe Arch	18 In Equiv CAPA	LF
603-16024	24 Inch Equivalent Corrugated Aluminum Pipe Arch	24 In Equiv CAPA	LF
603-16030	30 Inch Equivalent Corrugated Aluminum Pipe Arch	30 In Equiv CAPA	LF
603-30012	12 Inch Steel End Section	12 In SES	EACH
603-30015	15 Inch Steel End Section	15 In SES	EACH
603-30018	18 Inch Steel End Section	18 In SES	EACH
603-30021	21 Inch Steel End Section	21 In SES	EACH
603-30024	24 Inch Steel End Section	24 In SES	EACH
603-30030	30 Inch Steel End Section	30 In SES	EACH
603-30036	36 Inch Steel End Section	36 In SES	EACH
603-30042	42 Inch Steel End Section	42 In SES	EACH
603-30048	48 Inch Steel End Section	48 In SES	EACH
603-30054	54 Inch Steel End Section	54 In SES	EACH
603-30060	60 Inch Steel End Section	60 In SES	EACH
603-30066	66 Inch Steel End Section	66 In SES	EACH
603-30072	72 Inch Steel End Section	72 In SES	EACH
603-30078	78 Inch Steel End Section	78 In SES	EACH
603-30084	84 Inch Steel End Section	84 In SES	EACH
603-31218	18 Inch Equivalent Arch Aluminum End Section	18 In Equiv Arch AES	EACH
603-31230	30 Inch Equivalent Arch Aluminum End Section	30 In Equiv Arch AES	EACH
603-31315	15 Inch Equivalent Arch Steel End Section	15 In Equiv Arch SES	EACH
603-31318	18 Inch Equivalent Arch Steel End Section	18 In Equiv Arch SES	EACH
603-31321	21 Inch Equivalent Arch Steel End Section	21 In Equiv Arch SES	EACH
603-31324	24 Inch Equivalent Arch Steel End Section	24 In Equiv Arch SES	EACH
603-31330	30 Inch Equivalent Arch Steel End Section	30 In Equiv Arch SES	EACH
603-31336	36 Inch Equivalent Arch Steel End Section	36 In Equiv Arch SES	EACH
603-31342	42 Inch Equivalent Arch Steel End Section	42 In Equiv Arch SES	EACH
603-31348	48 Inch Equivalent Arch Steel End Section	48 In Equiv Arch SES	EACH
603-31354	54 Inch Equivalent Arch Steel End Section	54 In Equiv Arch SES	EACH
603-31360	60 Inch Equivalent Arch Steel End Section	60 In Equiv Arch SES	EACH
603-31366	66 Inch Equivalent Arch Steel End Section	66 In Equiv Arch SES	EACH
603-31372	72 Inch Equivalent Arch Steel End Section	72 In Equiv Arch SES	EACH
603-31454	54 Inch Traversable Equivalent Arch Steel End Section	54 In Traversable Equiv Arch SES	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-32018	Place 18 Inch Steel End Section	Place 18 In SES	EACH
603-32024	Place 24 Inch Steel End Section	Place 24 In SES	EACH
603-32030	Place 30 Inch Steel End Section	Place 30 In SES	EACH
603-32036	Place 36 Inch Steel End Section	Place 36 In SES	EACH
603-32042	Place 42 Inch Steel End Section	Place 42 In SES	EACH
603-32048	Place 48 Inch Steel End Section	Place 48 In SES	EACH
603-32054	Place 54 Inch Steel End Section	Place 54 In SES	EACH
603-32060	Place 60 Inch Steel End Section	Place 60 In SES	EACH
603-32066	Place 66 Inch Steel End Section	Place 66 In SES	EACH
603-33018	18 Inch Pipe Safety End Treatment	18 In Pipe Safety End Treat	EACH
603-33024	24 Inch Pipe Safety End Treatment	24 In Pipe Safety End Treat	EACH
603-33030	30 Inch Pipe Safety End Treatment	30 In Pipe Safety End Treat	EACH
603-33036	36 Inch Pipe Safety End Treatment	36 In Pipe Safety End Treat	EACH
603-33042	42 Inch Pipe Safety End Treatment	42 In Pipe Safety End Treat	EACH
603-33048	48 Inch Pipe Safety End Treatment	48 In Pipe Safety End Treat	EACH
603-33060	60 Inch Pipe Safety End Treatment	60 In Pipe Safety End Treat	EACH
603-33072	72 Inch Pipe Safety End Treatment	72 In Pipe Safety End Treat	EACH
603-34030	30 Inch Equivalent Arch Pipe Safety End Treatment	30 In Equiv Arch Pipe Safety End Treat	EACH
603-34036	36 Inch Equivalent Arch Pipe Safety End Treatment	36 In Equiv Arch Pipe Safety End Treat	EACH
603-34048	48 Inch Equivalent Arch Pipe Safety End Treatment	48 In Equiv Arch Pipe Safety End Treat	EACH
603-36008	Place 8 Inch Corrugated Steel Pipe	Place 8 In CSP	LF
603-36012	Place 12 Inch Corrugated Steel Pipe	Place 12 In CSP	LF
603-36015	Place 15 Inch Corrugated Steel Pipe	Place 15 In CSP	LF
603-36018	Place 18 Inch Corrugated Steel Pipe	Place 18 In CSP	LF
603-36024	Place 24 Inch Corrugated Steel Pipe	Place 24 In CSP	LF
603-36030	Place 30 Inch Corrugated Steel Pipe	Place 30 In CSP	LF
603-36036	Place 36 Inch Corrugated Steel Pipe	Place 36 In CSP	LF
603-36042	Place 42 Inch Corrugated Steel Pipe	Place 42 In CSP	LF
603-36048	Place 48 Inch Corrugated Steel Pipe	Place 48 In CSP	LF
603-36054	Place 54 Inch Corrugated Steel Pipe	Place 54 In CSP	LF
603-36060	Place 60 Inch Corrugated Steel Pipe	Place 60 In CSP	LF
603-36066	Place 66 Inch Corrugated Steel Pipe	Place 66 In CSP	LF
603-36072	Place 72 Inch Corrugated Steel Pipe	Place 72 In CSP	LF
603-36078	Place 78 Inch Corrugated Steel Pipe	Place 78 In CSP	LF
603-36084	Place 84 Inch Corrugated Steel Pipe	Place 84 In CSP	LF
603-36096	Place 96 Inch Corrugated Steel Pipe	Place 96 In CSP	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-36108	Place 108 Inch Corrugated Steel Pipe	Place 108 In CSP	LF
603-36112	Place 12 Inch Corrugated Steel Pipe Nestable	Place 12 In CSP Nest	LF
603-37524	Place 24 Inch Equivalent Corrugated Steel Pipe Arch	Place 24 In Equiv CSPA	LF
603-37560	Place 60 Inch Equivalent Corrugated Steel Pipe Arch	Place 60 In Equiv CSPA	LF
603-37578	Place 78 Inch Equivalent Corrugated Steel Pipe Arch	Place 78 In Equiv CSPA	LF
603-40024	24 Inch Corrugated Steel Ditch Liner	24 In CS Ditch Liner	LF
603-40030	30 Inch Corrugated Steel Ditch Liner	30 In CS Ditch Liner	LF
603-40036	36 Inch Corrugated Steel Ditch Liner	36 In CS Ditch Liner	LF
603-40042	42 Inch Corrugated Steel Ditch Liner	42 In CS Ditch Liner	LF
603-40072	72 Inch Corrugated Steel Pipe (Half Round)(Special)	72 In CSP (Half)(Special)	LF
603-50001	3 Inch Plastic Pipe (Install Only)	Inst 3 In Plastic Pipe	LF
603-50002	2 Inch Plastic Pipe	2 In Plastic Pipe	LF
603-50003	3 Inch Plastic Pipe	3 In Plastic Pipe	LF
603-50004	4 Inch Plastic Pipe	4 In Plastic Pipe	LF
603-50006	6 Inch Plastic Pipe	6 In Plastic Pipe	LF
603-50007	6 Inch Plastic Pipe (Special)	6 In Plastic Pipe (Spec)	LF
603-50008	8 Inch Plastic Pipe	8 In Plastic Pipe	LF
603-50010	10 Inch Plastic Pipe	10 In Plastic Pipe	LF
603-50012	12 Inch Plastic Pipe	12 In Plastic Pipe	LF
603-50015	15 Inch Plastic Pipe	15 In Plastic Pipe	LF
603-50016	16 Inch Plastic Pipe	16 In Plastic Pipe	LF
603-50018	18 Inch Plastic Pipe	18 In Plastic Pipe	LF
603-50020	20 Inch Plastic Pipe	20 In Plastic Pipe	LF
603-50022	22 Inch Plastic Pipe	22 In Plastic Pipe	LF
603-50024	24 Inch Plastic Pipe	24 In Plastic Pipe	LF
603-50025	24 Inch Plastic Pipe (Install Only)	Inst 24 In Plastic Pipe	LF
603-50026	26 Inch Plastic Pipe	26 In Plastic Pipe	LF
603-50027	27 Inch Plastic Pipe	27 In Plastic Pipe	LF
603-50030	30 Inch Plastic Pipe	30 In Plastic Pipe	LF
603-50036	36 Inch Plastic Pipe	36 In Plastic Pipe	LF
603-50042	42 Inch Plastic Pipe	42 Inch Plastic Pipe	LF
603-50043	42 Inch Plastic Pipe (Install Only)	Inst 42 In Plastic Pipe	LF
603-50048	48 Inch Plastic Pipe	48 In Plastic Pipe	LF
603-50072	72 Inch Plastic Pipe	72 In plastic Pipe	LF
603-50100	Flap gate (___ Inch)	Flap Gate (___ Inch)	EACH
603-50106	Place 6 Inch Plastic Pipe	Place 6 In Plastic Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-51206	Furnish 6 Inch Plastic Pipe	Furn 6 In Plastic Pipe	LF
603-60120	Place 12 Inch Flexible Pipe	Place 12 In Flexible Pipe	LF
603-60180	Place 18 Inch Flexible Pipe	Place 18 In Flexible Pipe	LF
603-60240	Place 24 Inch Flexible Pipe	Place 24 In Flexible Pipe	LF
603-61108	8 Inch Flexible Pipe	8 In Flex Pipe	LF
603-61120	12 Inch Flexible Pipe	12 In Flexible Pipe	LF
603-61180	18 Inch Flexible Pipe	18 In Flexible Pipe	LF
603-61210	21 Inch Flexible Pipe	21 In Flexible Pipe	LF
603-61240	24 Inch Flexible Pipe	24 In Flexible Pipe	LF
603-61300	30 Inch Flexible Pipe	30 In Flexible Pipe	LF
603-65010	10 Inch Aluminum Pipe (Special)	10 In Alum Pipe (Special)	LF
603-70303	3x3 Foot Concrete Box Culvert (Precast)	3x3 Ft CBC (Precast)	LF
603-70402	4X2 Foot Concrete Box Culvert (Precast)	4X2 Ft CBC (Precast)	LF
603-70404	4X4 Foot Concrete Box Culvert (Precast)	4X4 Ft CBC (Precast)	LF
603-70502	5x2 Foot Concrete Box Culvert (Precast)	5x2 Ft CBC (Precast)	LF
603-70503	5x3 Foot Concrete Box Culvert (Precast)	5x3 Ft CBC (Precast)	LF
603-70504	5x4 Foot Concrete Box Culvert (Precast)	5x4 Ft CBC (Precast)	LF
603-70505	5x5 Foot Concrete Box Culvert (Precast)	5x5 Ft CBC (Precast)	LF
603-70603	6x3 Foot Concrete Box Culvert (Precast)	6x3 Ft CBC (Precast)	LF
603-70604	6x4 Foot Concrete Box Culvert (Precast)	6x4 Ft CBC (Precast)	LF
603-70605	6x5 Foot Concrete Box Culvert (Precast)	6x5 Ft CBC (Precast)	LF
603-70606	6x6 Foot Concrete Box Culvert (Precast)	6x6 Ft CBC (Precast)	LF
603-70607	6x7 Foot Concrete Box Culvert (Precast)	6x7 Ft CBC (Precast)	LF
603-70703	7x3 Foot Concrete Box Culvert (Precast)	7x3 Ft CBC (Precast)	LF
603-70704	7x4 Foot Concrete Box Culvert (Precast)	7x4 Ft CBC (Precast)	LF
603-70705	7x5 Foot Concrete Box Culvert (Precast)	7x5 Ft CBC (Precast)	LF
603-70707	7x7 Foot Concrete Box Culvert (Precast)	7x7 Ft CBC (Precast)	LF
603-70803	8x3 Foot Concrete Box Culvert (Precast)	8x3 Ft CBC (Precast)	LF
603-70804	8x4 Foot Concrete Box Culvert (Precast)	8x4 Ft CBC (Precast)	LF
603-70805	8x5 Foot Concrete Box Culvert (Precast)	8x5 Ft CBC (Precast)	LF
603-70806	8x6 Foot Concrete Box Culvert (Precast)	8x6 Ft CBC (Precast)	LF
603-70808	8x8 Foot Concrete Box Culvert (Precast)	8x8 Ft CBC (Precast)	LF
603-70810	8 x 10 Foot Concrete Box Culvert (Precast)	8X10 Ft CBC (Precast)	LF
603-70905	9x5 Foot Concrete Box Culvert (Precast)	9x5 Ft CBC (Precast)	LF
603-70906	9x6 Foot Concrete Box Culvert (Precast)	9x6 Ft CBC (Precast)	LF
603-71003	Concrete Box Culvert (10 x 3 Foot) (Precast)	CBC (10 x 3 Ft) (Precast)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-71004	10x4 Foot Concrete Box Culvert (Precast)	10x4 Ft CBC (Precast)	LF
603-71005	10x5 Foot Concrete Box Culvert (Precast)	10x5 Ft CBC (Precast)	LF
603-71006	10x6 Foot Concrete Box Culvert (Precast)	10x6 Ft CBC (Precast)	LF
603-71007	10x7 Foot Concrete Box Culvert (Precast)	10x7 Ft CBC (Precast)	LF
603-71008	10x8 Foot Concrete Box Culvert (Precast)	10x8 Ft CBC (Precast)	LF
603-71010	10x10 Foot Concrete Box Culvert (Precast)	10x10 Ft CBC (Precast)	LF
603-71204	12x4 Foot Concrete Box Culvert (Precast)	12x4 Ft CBC (Precast)	LF
603-71206	12x6 Foot Concrete Box Culvert (Precast)	12x6 Ft CBC (Precast)	LF
603-71208	12x8 Foot Concrete Box Culvert (Precast)	12x8 Ft CBC (Precast)	LF
603-71209	12x8 Foot Concrete Box Culvert (Precast)(Install Only)	12x8 Ft CBC (Precast)(Inst Only)	LF
603-71210	12x10 Foot Concrete Box Culvert (Precast)	12x10 Ft CBC (Precast)	LF
603-71307	13x7 Foot Concrete Box Culvert (Precast)	13x7 Ft CBC (Precast)	LF
603-71404	14x4 Foot Concrete Box Culvert (Precast)	14x4 Ft CBC (Precast)	LF
603-71405	14x5 Foot Concrete Box Culvert (Precast)	14x5 Ft CBC (Precast)	LF
603-71406	14x6 Foot Concrete Box Culvert (Precast)	14x6 Ft CBC (Precast)	LF
603-71408	14x8 Foot Concrete Box Culvert (Precast)	14x8 Ft CBC (Precast)	LF
603-71410	10x14 Ft Concrete Box Culvert (Precast)	10x14 Foot CBC (Precast)	LF
603-71505	15X5 Foot Concrete Box Culvert (Precast)	15X5 Ft CBC (Precast)	LF
603-71508	15 x 8 Foot Concrete Box Culvert (Precast)	15 x 8 Ft. CBC (Precast)	LF
603-71604	16x4 Foot Concrete Box Culvert (3-Sided)(Precast)	16x4 Ft CBC (3)(Precast)	LF
603-71606	16x6 Foot Concrete Box Culvert (Precast)	16x6 Ft CBC (Precast)	LF
603-71607	16x7 Foot Concrete Box Culvert (Precast)	16x7 Ft CBC (Precast)	LF
603-71608	16X8 Foot Concrete Box Culvert (3-Sided)(Precast)	16X8 Ft CBC (3)(Precast)	LF
603-71609	16x8 Foot Concrete Box Culvert (Precast)	16x8 Ft CBC (Precast)	LF
603-71610	16x10 Foot Concrete Box Culvert (Precast)	16x10 Ft CBC (Precast)	LF
603-71611	16 x 11 Foot Concrete Box Culvert (Precast)	16x11 Ft CBC (Precast)	LF
603-71806	18x6 Foot Concrete Box Culvert (Precast)	18x6 Ft CBC (Precast)	LF
603-71808	18 x 8 Foot Concrete Box Culvert (Precast) (Special)	18x8 Ft CBC (Precast)(Special)	LF
603-71812	18x12 Foot Concrete Box Culvert (Precast)	18x12 Ft CBC (Precast)	LF
603-72007	20x8 Foot Concrete Box Culvert (Precast)(Install Only)	20x8 Ft CBC (Precast)(Inst Only)	LF
603-72008	20x8 Foot Concrete Box Culvert (Precast)	20x8 Ft CBC (Precast)	LF
603-72009	20x9 Foot Concrete 3-Sided Culvert (Precast)	20x9 Ft Conc 3-Sided Culvert (Precast)	LF
603-72010	20x10 Ft Concrete 3-sided Culvert (Precast)	20x10 Ft Conc 3-sided Culvert (Precast)	LF
603-72011	20x10 Foot Concrete Box Culvert (Precast)	20x10 Ft CBC (Precast)	LF
603-72100	Concrete Box Culvert Wingwall (Precast)	CBC Wingwall (Precast)	EACH
603-73000	Concrete Box Culvert (Design Build)	CBC (Design Build)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
603-73114	31x14 Foot Concrete 3-Sided Culvert (Precast)	31x14 Ft Conc 3-S Culv (Pre)	LF
603-73712	26x13 Foot Concrete 3-Sided Culvert (Precast)	26x13 Ft Conc 3-S Culv (Precast)	LF
603-73713	37x13 Foot Concrete 3-Sided Culvert (Precast)	37x13 Ft Conc 3-S Culv (Precast)	LF
603-74214	42x14 Foot Concrete 3-Sided Culvert (Precast)	42x14 Ft Conc 3-S Culv (Pre)	LF
603-76624	66x24 Foot Concrete 3-Sided Culvert (Precast)	66x24 Ft Conc 3-S Culv (Pre)	LF
603-77001	Culvert Headwall (3-Sided Culvert)(Type 1)	Culv Headwall (3-S Culv)(Ty1)	SF
603-77002	Culvert Headwall (3-Sided Culvert)(Type 2)	Culv Headwall (3-S Culv)(Ty 2)	SF
603-77011	Culvert Wingwall (3-Sided Culvert)(Type 1)	Culv Wingwall (3-S Culv)(Ty 1)	SF
603-77012	Culvert Wingwall (3-Sided Culvert)(Type 2)	Culv Wingwall (3-S Culv)(Ty 2)	SF
603-77224	72 x 24 Foot Concrete 3-Sided Culvert (Precast)	72x24 Ft Conc 3-S Culv (Precast)	LF
603-80705	Place 7x5 Foot Concrete Box Culvert (Precast)	Place 7x5 CBC (Precast)	LF
603-80790	12X8 Foot Concrete Arch Culvert (Precast)	12X8 Ft Conc Arch Cul (Precast)	LF
603-80800	14x10 Foot Concrete Arch Culvert (Precast)	14x10 Ft Conc Arch Cul (Precast)	LF
603-80820	20 x 11 Foot Concrete Arch Culvert (Precast)	20 x 11 Ft Conc Arch Culvert (Precast)	LF
603-81004	4 Inch Cast Iron Pipe	4 In Cast Iron Pipe	LF
603-81006	6 Inch Cast Iron Pipe	6 In Cast Iron Pipe	LF
603-81008	8 Inch Cast Iron Pipe	8 In Cast Iron Pipe	LF
603-81016	16 Inch Cast Iron Pipe	16 In Cast Iron Pipe	LF
603-81018	18 Inch Cast Iron Pipe	18 In Cast Iron Pipe	LF
603-82004	4 Inch Ductile Iron Pipe	4 In Duct Iron Pipe	LF
603-82006	6 Inch Ductile Iron Pipe	6 In Duct Iron Pipe	LF
603-82008	8 Inch Ductile Iron Pipe	8 In Duct Iron Pipe	LF
603-82010	10 Inch Ductile Iron Pipe	10 In Duct Iron Pipe	LF
603-82012	12 Inch Ductile Iron Pipe	12 In Duct Iron Pipe	LF
603-82014	14 Inch Ductile Iron Pipe	14 In Duct Iron Pipe	LF
603-82016	16 Inch Ductile Iron Pipe	16 In Duct Iron Pipe	LF
603-82018	18 Inch Ductile Iron Pipe	18 In Duct Iron Pipe	LF
603-82024	24 Inch Ductile Iron Pipe	24 In Duct Iron Pipe	LF
603-82030	30 Inch Ductile Iron Pipe	30 In Duct Iron Pipe	LF
603-82036	36 Inch Ductile Iron Pipe	36 In Duct Iron Pipe	LF
603-82054	54 Inch Ductile Iron Pipe	54 In Duct Iron Pipe	LF
603-83008	8 Inch Sewer Pipe	8 In Sewer Pipe	LF
603-83009	8 Inch Sewer Pipe (Special)	8 In Sewer Pipe (Spec)	LF
603-83012	12 Inch Sewer Pipe	12 In Sewer Pipe	LF
603-83024	24 Inch Sewer Pipe	24 In Sewer Pipe	LF
603-85095	Precast Concrete Arch Bridge System	Precast Concrete Arch Bridge System	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
604-00305	Inlet Type C (5 Foot)	Inlet Ty C (5 Ft)	EACH
604-00310	Inlet Type C (10 Foot)	Inlet Ty C (10 Ft)	EACH
604-00315	Inlet Type C (15 Foot)	Inlet Ty C (15 Ft)	EACH
604-00320	Inlet Type C (20 Foot)	Inlet Ty C (20 Ft)	EACH
604-00330	Inlet Type C (30 Foot)	Inlet Ty C (30 Ft)	EACH
604-00350	Inlet Type C (Special)	Inlet Ty C (Spec)	EACH
604-00405	Inlet Type C (Double) (5 Foot)	Inlet Ty C (D) (5 Ft)	EACH
604-00455	Inlet Type C (Triple) (5 Foot)	Inlet Ty C (T) (5 Ft)	EACH
604-00460	Inlet Type C (Triple) (10 Foot)	Inlet Ty C (T) (10 Ft)	EACH
604-00505	Inlet Type D (5 Foot)	Inlet Ty D (5 Ft)	EACH
604-00506	Inlet Type D (Special) (5 Foot)	Inlet Ty D (Spec) (5 Ft)	EACH
604-00510	Inlet Type D (10 Foot)	Inlet Ty D (10 Ft)	EACH
604-00511	Inlet Type D (Special) (10 Foot)	Inlet Ty D (Spec) (10 Ft)	EACH
604-00515	Inlet Type D (15 Foot)	Inlet Ty D (15 Ft)	EACH
604-00520	Inlet Type D (20 Foot)	Inlet Ty D (20 Ft)	EACH
604-00550	Inlet Type D (Special)	Inlet Ty D (Spec)	EACH
604-00605	Inlet Type D (Double) (5 Foot)	Inlet Ty D (D) (5 Ft)	EACH
604-00610	Inlet Type D (Double) (10 Foot)	Inlet Ty D (D) (10 Ft)	EACH
604-03005	Inlet Type 3 (5 Foot)	Inlet Ty 3 (5 Ft)	EACH
604-03010	Inlet Type 3 (10 Foot)	Inlet Ty 3 (10 Ft)	EACH
604-03011	Inlet Type 3 (Special) (10 Foot)	Inlet Ty 3 (Spec) (10 Ft)	EACH
604-03015	Inlet Type 3 (15 Foot)	Inlet Ty 3 (15 Ft)	EACH
604-03505	Inlet Type 3 (Double) (5 Foot)	Inlet Ty 3 (D) (5 Ft)	EACH
604-03510	Inlet Type 3 (Double) (10 Foot)	Inlet Ty 3 (D) (10 Ft)	EACH
604-03515	Inlet Type 3 (Double) (15 Foot)	Inlet Ty 3 (D) (15 Ft)	EACH
604-03605	Inlet Type 3 (Triple) (5 Foot)	Inlet Ty 3 (T) (5 Ft)	EACH
604-03610	Inlet Type 3 (Triple) (10 Foot)	Inlet Ty 3 (T) (10 Ft)	EACH
604-13005	Inlet Type 13 (5 Foot)	Inlet Ty 13 (5 Ft)	EACH
604-13006	Inlet Type 13 (5 Foot) (Special)	Inlet Ty 13 (5 Ft) (Spec)	EACH
604-13010	Inlet Type 13 (10 Foot)	Inlet Ty 13 (10 Ft)	EACH
604-13011	Inlet Type 13 (10 Foot) (Special)	Inlet Ty 13 (10 Ft) (Spec)	EACH
604-13015	Inlet Type 13 (15 Foot)	Inlet Ty 13 (15 Ft)	EACH
604-13020	Inlet Type 13 (20 Foot)	Inlet Ty 13 (20 Ft)	EACH
604-13025	Inlet Type 13 (25 Foot)	Inlet Ty 13 (25 Ft)	EACH
604-13505	Inlet Type 13 (Double) (5 Foot)	Inlet Ty 13 (D) (5 Ft)	EACH
604-13510	Inlet Type 13 (Double) (10 Foot)	Inlet Ty 13 (D) (10 Ft)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
604-13515	Inlet Type 13 (Double) (15 Foot)	Inlet Ty 13 (D) (15 Ft)	EACH
604-13605	Inlet Type 13 (Triple) (5 Foot)	Inlet Ty 13 (T) (5 Ft)	EACH
604-13610	Inlet Type 13 (Triple) (10 Foot)	Inlet Ty 13 (T) (10 Ft)	EACH
604-13615	Inlet Type 13 (Triple) (15 Foot)	Inlet Ty 13 (T) (15 Ft)	EACH
604-13651	Inlet Type 13 (5 Foot)(Special)(1 Unit)	Inlet Ty 13 (5 Ft)(Spec)(1 Unit)	EACH
604-13652	Inlet Type 13 (5 Foot)(Special)(2 Unit)	Inlet Ty 13 (5 Ft)(Spec)(2 Unit)	EACH
604-13653	Inlet Type 13 (5 Foot)(Special)(3 Unit)	Inlet Ty 13 (5 Ft)(Spec)(3 Unit)	EACH
604-13662	Inlet Type 13 (5 Foot)(Sweeper)(2 Unit)	Inlet Ty 13 (5 Ft)(Swpr)(2 Unit)	EACH
604-13663	Inlet Type 13 (5 Foot)(Sweeper)(3 Unit)	Inlet Ty 13 (5 Ft)(Swpr)(3 Unit)	EACH
604-13671	Inlet Type 13 (10 Foot)(Sweeper)(1 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(1 Unit)	EACH
604-13672	Inlet Type 13 (10 Foot)(Sweeper)(2 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(2 Unit)	EACH
604-13673	Inlet Type 13 (10 Foot)(Sweeper)(3 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(3 Unit)	EACH
604-13674	Inlet Type 13 (10 Foot)(Sweeper)(4 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(4 Unit)	EACH
604-13675	Inlet Type 13 (10 Foot)(Sweeper)(5 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(5 Unit)	EACH
604-13676	Inlet Type 13 (10 Foot)(Sweeper)(6 Unit)	Inlet Ty 13 (10 Ft)(Swpr)(6 Unit)	EACH
604-13681	Inlet Type 13 (10 Foot)(Special)(1 Unit)	Inlet Ty 13 (10 Ft)(Spec)(1 Unit)	EACH
604-13683	Inlet Type 13 (10 Foot)(Special)(3 Unit)	Inlet Ty 13 (10 Ft)(Spec)(3 Unit)	EACH
604-14005	Inlet Special (Double) (5 Foot)	Inlet Spec (D) (5 Ft)	EACH
604-14010	Inlet Special (Double) (10 Foot)	Inlet Spec (D) (10 Ft)	EACH
604-14505	Inlet Special (Triple) (5 Foot)	Inlet Spec (T) (5 Ft)	EACH
604-14510	Inlet Special (Triple) (10 Foot)	Inlet Spec (T) (10 Ft)	EACH
604-14605	Inlet Special (Quad) (5 Foot)	Inlet Spec (Q) (5 Ft)	EACH
604-16005	Inlet Type 16 (5 Foot)	Inlet Ty 16 (5 Ft)	EACH
604-16010	Inlet Type 16 (10 Foot)	Inlet Ty 16 (10 Ft)	EACH
604-16015	Inlet Type 16 (15 Foot)	Inlet Ty 16 (15 Ft)	EACH
604-16050	Inlet Type 16 (Single) (Special)	Inlet Ty 16 (S) (Spec)	EACH
604-16505	Inlet Type 16 (Double) (5 Foot)	Inlet Ty 16 (D) (5 Ft)	EACH
604-16510	Inlet Type 16 (Double) (10 Foot)	Inlet Ty 16 (D) (10 Ft)	EACH
604-16515	Inlet Type 16 (Double) (15 Foot)	Inlet Ty 16 (D) (15 Ft)	EACH
604-16550	Inlet Type 16 (Double) (Special)	Inlet Ty 16 (D) (Spec)	EACH
604-16605	Inlet Type 16 (Triple) (5 Foot)	Inlet Ty 16 (T) (5 Ft)	EACH
604-16610	Inlet Type 16 (Triple) (10 Foot)	Inlet Ty 16 (T) (10 Ft)	EACH
604-16650	Inlet Type 16 (Triple) (Special)	Inlet Ty 16 (T) (Spec)	EACH
604-19000	Inlet Special	Inlet Spec	EACH
604-19005	Inlet Special (5 Foot)	Inlet Spec (5 Ft)	EACH
604-19010	Inlet Special (10 Foot)	Inlet Spec (10 Ft)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
604-19015	Inlet Special (15 Foot)	Inlet Spec (15 Ft)	EACH
604-19020	Inlet Special (20 Foot)	Inlet Spec (20 Ft)	EACH
604-19025	Inlet Special (25 Foot)	Inlet Spec (25 Ft)	EACH
604-19035	Inlet Special (35 Foot)	Inlet Spec (35 Ft)	EACH
604-19105	Inlet Type R L 5 (5 Foot)	Inlet Ty R L5 (5 Ft)	EACH
604-19110	Inlet Type R L 5 (10 Foot)	Inlet Ty R L5 (10 Ft)	EACH
604-19115	Inlet Type R L 5 (15 Foot)	Inlet Ty R L5 (15 Ft)	EACH
604-19120	Inlet Type R L 5 (20 Foot)	Inlet Ty R L5 (20 Ft)	EACH
604-19205	Inlet Type R L 10 (5 Foot)	Inlet Ty R L10 (5 Ft)	EACH
604-19210	Inlet Type R L 10 (10 Foot)	Inlet Ty R L10 (10 Ft)	EACH
604-19215	Inlet Type R L 10 (15 Foot)	Inlet Ty R L10 (15 Ft)	EACH
604-19220	Inlet Type R L 10 (20 Foot)	Inlet Ty R L10 (20 Ft)	EACH
604-19305	Inlet Type R L 15 (5 Foot)	Inlet Ty R L15 (5 Ft)	EACH
604-19310	Inlet Type R L 15 (10 Foot)	Inlet Ty R L15 (10 Ft)	EACH
604-19315	Inlet Type R L 15 (15 Foot)	Inlet Ty R L15 (15 Ft)	EACH
604-19320	Inlet Type R L 15 (20 Foot)	Inlet Ty R L15 (20 Ft)	EACH
604-19405	Inlet Type R Special (5 Foot)	Inlet Ty R Spec (5 Ft)	EACH
604-19410	Inlet Type R Special (10 Foot)	Inlet Ty R Spec (10 Ft)	EACH
604-19415	Inlet Type R Special (15 Foot)	Inlet Ty R Spec (15 Ft)	EACH
604-19505	Inlet Type R L 20 (5 Foot)	Inlet Ty R L20 (5 Ft)	EACH
604-19510	Inlet Type R L 20 (10 Foot)	Inlet Ty R L20 (10 Ft)	EACH
604-19515	Inlet Type R L20 (13 Foot)	Inlet Ty R L20 (13 Ft)	EACH
604-19600	Inlet (Sand Filter)	Inlet (Sand Filter)	EACH
604-19704	Inlet Special (Trench Drain) (4 Inch Width)	Inlet Spec (Trench) (4 Inch)	LF
604-19710	Inlet Special (Trench Drain) (10 Inch Width)	Inlet Spec (Trench) (10 Inch)	LF
604-19712	Inlet Special (Trench Drain) (12 Inch Width)	Inlet Spec (Trench) (12 In)	LF
604-19724	Inlet Special (Trench Drain) (24 Inch Width)	Inlet Spec (Trench) (24 Inch)	LF
604-19730	Inlet Special (Trench Drain) (30 Inch Width)	Inlet Spec (Trench) (30 Inch)	LF
604-19900	Place Inlet	Place Inlet	EACH
604-20000	Outlet Structure	Outlet Structure	EACH
604-20001	Outlet Structure	Outlet Structure	L S
604-20002	Outlet Structure (Special)	Outlet Structure (Spec)	L S
604-20003	Outlet Structure (Special)	Outlet Structure (Spec)	EACH
604-20010	Settling Basin	Settling Basin	EACH
604-25000	Vane Grate Inlet Special	Vane Grate Inlet Spec	EACH
604-25001	Vane Grate Inlet Special	Vane Grate Inlet Spec	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
604-25005	Vane Grate Inlet (5 Foot)	Vane Grate Inlet (5 Ft)	EACH
604-25006	Vane Grate Inlet Special (5 Foot)	Vane Grate Inlet Spec (5 Ft)	EACH
604-25007	Vane Grate Inlet Special (Double) (5 Foot)	Vane Grate Inlet Spec (D) (5 Ft)	EACH
604-25010	Vane Grate Inlet (10 Foot)	Vane Grate Inlet (10 Ft)	EACH
604-25011	Vane Grate Inlet Special (10 Foot)	Vane Grate Inlet Spec (10 Ft)	EACH
604-25015	Vane Grate Inlet (15 Foot)	Vane Grate Inlet (15 Ft)	EACH
604-25016	Vane Grate Inlet Special (15 Foot)	Vane Grate Inlet Spec (15 Ft)	EACH
604-25020	Vane Grate Inlet (20 Foot)	Vane Grate Inlet (20 Ft)	EACH
604-25021	Vane Grate Inlet Special (20 Foot)	Vane Grate Inlet Spec (20 Ft)	EACH
604-25025	Vane Grate Inlet (25 Foot)	Vane Grate Inlet (25 Ft)	EACH
604-26005	Vane Grate Inlet (Double) (5 Foot)	Vane Grate Inlet (D) (5 Ft)	EACH
604-26006	Vane Grate Inlet Special (Double) (5 Foot)	Vane Grate Inlet Spec (D) (5 Ft)	EACH
604-26010	Vane Grate Inlet (Double) (10 Foot)	Vane Grate Inlet (D) (10 Ft)	EACH
604-26011	Vane Grate Inlet Special (Double) (10 Foot)	Vane Grate Inlet Special (D) (10 Ft)	EACH
604-26015	Vane Grate Inlet (Double) (15 Foot)	Vane Grate Inlet (D) (15 Ft)	EACH
604-26016	Vane Grate Inlet Special (Double) (15 Foot)	Vane Grate Inlet Special (D) (15 Ft)	EACH
604-26020	Vane Grate Inlet (Double) (20 Foot)	Vane Grate Inlet (D) (20 Ft.)	EACH
604-26025	Vane Grate Inlet (Double) (25 Foot)	Vane Grate Inlet (D) (25 Ft)	EACH
604-26030	Vane Grate Inlet (Triple) (5 Foot)	Vane Grate Inlet (T) (5 Ft)	EACH
604-26035	Vane Grate Inlet (Triple) (10 Foot)	Vane Grate Inlet (T) (10 Ft)	EACH
604-30000	Manhole Slab Base (Special)	MH Slab Base (Spec)	EACH
604-30005	Manhole Slab Base (5 Foot)	MH Slab Base (5 Ft)	EACH
604-30010	Manhole Slab Base (10 Foot)	MH Slab Base (10 Ft)	EACH
604-30015	Manhole Slab Base (15 Foot)	MH Slab Base (15 Ft)	EACH
604-30020	Manhole Slab Base (20 Foot)	MH Slab Base (20 Ft)	EACH
604-30025	Manhole Slab Base (25 Foot)	MH Slab Base (25 Ft)	EACH
604-30030	Manhole Slab Base (30 Foot)	MH Slab Base (30 Ft)	EACH
604-31000	Manhole Box Base (Special)	MH Box Base (Spec)	EACH
604-31005	Manhole Box Base (5 Foot)	MH Box Base (5 Ft)	EACH
604-31010	Manhole Box Base (10 Foot)	MH Box Base (10 Ft)	EACH
604-31015	Manhole Box Base (15 Foot)	MH Box Base (15 Ft)	EACH
604-31020	Manhole Box Base (20 Foot)	MH Box Base (20 Ft)	EACH
604-31025	Manhole Box Base (25 Foot)	MH Box Base (25 Ft)	EACH
604-31030	Manhole Box Base (30 Foot)	MH Box Base (30 Ft)	EACH
604-32010	Manhole T-Base (10 Foot)	MH T-Base (10 Ft)	EACH
604-32015	Manhole T-Base (15 Foot)	MH T-Base (15 Ft)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
604-32020	Manhole T-Base (20 Foot)	MH T-Base (20 Ft)	EACH
604-32025	Manhole T-Base (25 Foot)	MH T-Base (25 Ft)	EACH
604-39000	Manhole Special	MH Spec	EACH
604-39005	Manhole Special (5 Foot)	MH Spec (5 Ft)	EACH
604-39010	Manhole Special (10 Foot)	MH Spec (10 Ft)	EACH
604-39011	Manhole Special (10 Foot) (Install Only)	Inst MH Spec (10 Ft)	EACH
604-39015	Manhole Special (15 Foot)	MH Spec (15 Ft)	EACH
604-39020	Manhole Special (20 Foot)	MH Spec (20 Ft)	EACH
604-39025	Manhole Special (25 Foot)	MH Spec (25 Ft)	EACH
604-39030	Manhole Special (30 Foot)	MH Spec (30 Ft)	EACH
604-39035	Manhole Special (35 Foot)	MH Spec (35 Ft)	EACH
604-39050	Manhole (Traffic Management System)	MH (TMS)	EACH
604-50000	Inlet Grating and Frame (Median)	IG and F (Median)	EACH
604-50003	Inlet Grating and Frame Type C	IG and F Ty C	EACH
604-50013	Number 13 Inlet Grating and Frame	No.13 IG and F	EACH
604-50050	Inlet Grating and Frame Special	IG and F Spec	EACH
604-50060	Grating and Frame	Grating and Frame	LF
604-50062	Grating and Frame	Grating and Frame	EACH
604-50065	Place Grating and Frame	Place Grating and Frame	LF
604-50100	Galvanized Interlocking Grating	Galv Interlock Grating	LF
604-50105	Place Grating	Place Grating	LF
604-50110	Place Inlet Grating and Frame	Place IG and F	EACH
604-50150	Irrigation Structure Frame and Cover	Irrig Str F and C	EACH
604-50200	Manhole Ring and Cover	MH R and C	EACH
604-50210	Place Manhole Ring and Cover	Place MH R and C	EACH
604-50300	Storm Sewer Ring and Cover	Storm Sewer R and C	EACH
604-50700	Meter Vault	Meter Vault	EACH
604-50750	Sanitary Sewer Meter Box	San Sewer Meter Box	EACH
604-50800	Sanitary Sewer Vault	San Sewer Vault	EACH
604-51012	12 Inch Slotted Pipe Inlet	12 In Slot Pipe Inlet	LF
604-51015	15 Inch Slotted Pipe Inlet	15 In Slot Pipe Inlet	LF
604-51018	18 Inch Slotted Pipe Inlet	18 In Slot Pipe Inlet	LF
604-51021	21 Inch Slotted Pipe Inlet	21 In Slot Pipe Inlet	LF
604-51024	24 Inch Slotted Pipe Inlet	24 In Slot Pipe Inlet	LF
604-55018	18 Inch Aramid Fiber Bonded Slotted Pipe Inlet	18 In AFB Slot Pipe Inlet	LF
604-56000	Slotted Vane Drain	Slot Vane Drain	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
604-83102	2 Inch Plastic Pipe Sewer (Polyvinylchloride)	2 In PPS (PVC)	LF
604-83108	8 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	8 In PPS (PVC)	LF
604-83110	10 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	10 In PPS (PVC)	LF
604-83115	15 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	15 In PPS (PVC)	LF
604-83121	21 Inch Plastic Pipe Sewer (Polyvinyl Chloride)	21 In PPS (PVC)	LF
604-84000	Plastic Sliplining	Plastic Sliplining	LF
604-85000	Fiberglass Reinforced Plastic Walkway	FRP Walkway	SF
605-00004	4 Inch Non-Perforated Pipe Underdrain	4 In Underdrain	LF
605-00020	2 Inch Perforated Pipe Underdrain	2 Inch PP Underdrain	LF
605-00040	4 Inch Perforated Pipe Underdrain	4 In PP Underdrain	LF
605-00041	4 Inch Perforated Pipe Underdrain (Special)	4 In PP Underdrain (Special)	LF
605-00060	6 Inch Perforated Pipe Underdrain	6 In PP Underdrain	LF
605-00061	6 Inch Perforated Pipe Underdrain (Special)	6 In PP Underdrain (Special)	LF
605-00080	8 Inch Perforated Pipe Underdrain	8 In PP Underdrain	LF
605-00081	8 Inch Perforated Pipe Underdrain (Special)	8 In PP Underdrain (Special)	LF
605-00100	10 Inch Perforated Pipe Underdrain	10 In PP Underdrain	LF
605-00120	12 Inch Perforated Pipe Underdrain	12 In PP Underdrain	LF
605-00180	18 Inch Perforated Pipe Underdrain	18 In PP Underdrain	LF
605-00240	24 Inch Perforated Pipe Underdrain	24 In PP Underdrain	LF
605-01020	2 Inch Horizontal Drain	2 In Hor Drain	LF
605-01030	3 Inch Horizontal Drain	3 In Hor Drain	LF
605-17000	Vertical Drainage Wick	Vert Drain Wick	LF
605-18000	Strip Drain, Horizontal	Strip Drain, Hor	LF
605-19000	Passive Vent Riser	Pass Vent Riser	EACH
605-19200	Low Permeability Soil Collar	Low Perm Soil Collar	EACH
605-20100	Formation Drain	Form Drain	LF
605-82000	Geocomposite Edge Drain	Geocomp Edge Drain	LF
605-82100	Pipe Edge Drain	Pipe Edge Drain	LF
605-82200	French Drain	French Drain	LF
605-82306	6 Inch Drain Pipe	6 In Drain Pipe	LF
605-83000	Geocomposite Drain	Geocomp Drain	SY
605-83001	Geocomposite Drain without Pipe	Geocomp Drain (w/o Pipe)	SY
605-83002	Geocomposite Drain with Pipe	Geocomp Drain (w/ Pipe)	SY
605-83500	Geocomposite Underdrain	Geocomp Underdrain	LF
605-83501	Geocomposite Drain (Tunnel)	Geocomp Drain (Tunnel)	SY
605-83505	Formation Drain	Formation Drain	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
605-83560	6 Inch Pipe Underdrain	6 In Pipe Underdrain	LF
605-83580	8 Inch Pipe Underdrain	8 In Pipe Underdrain	LF
605-84000	Subsurface Drain Outlet	Subsurface Drain Outlet	LF
605-84100	Subsurface Drain Outlet Structure	Subsurface Drain Outlet Str	EACH
605-85000	Surface Sand Filter	Surface Sand Filter	SF
606-00300	Wood Curb	Wood Curb	LF
606-00301	Guardrail Type 3 (6-3 Post Spacing)	Gdrail Ty 3 (6-3)	LF
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	Gdrail Ty 3 (31 In MGS)	LF
606-00305	Guardrail Type 3 (Special)	Gdrail Ty 3 (Spec)	LF
606-00310	Guardrail Type 3A	Gdrail Ty 3A	LF
606-00315	Guardrail Type 3A (Special)	Gdrail Ty 3A (Spec)	LF
606-00350	Guardrail Type 3 (Double) (6-3 Post Spacing)	Gdrail Ty 3 (D) (6-3)	LF
606-00355	Guardrail Type 3 (Double)(6-3 Post Spacing)(Special)	Gdrail Ty 3 (D)(Spec)	LF
606-00360	Guardrail Type 3A (Double)	Gdrail Ty 3A (D)	LF
606-00365	Guardrail Type 3 (Special) (Furnish Only)	Guardrail Ty 3 (Spec) (Furn Only)	LF
606-00401	Guardrail Type 4 (Install Only)	Gdrail Ty 4 (Install Only)	LF
606-00420	Guardrail Type 4 (Style CA)	Gdrail Ty 4 (Sty CA)	LF
606-00501	Precast Guardrail (Install Only)	Install Precast Guardrail	LF
606-00601	Guardrail Type 6 (6-3 Post Spacing)	Gdrail Ty 6 (6-3)	LF
606-00650	Guardrail Type 6 (Double) (6-3 Post Spacing)	Gdrail Ty 6 (D) (6-3)	LF
606-00710	Guardrail Type 7 (Style CA)	Gdrail Ty 7 (Sty CA)	LF
606-00740	Guardrail Type 7 (Style CE)	Gdrail Ty 7 (Sty CE)	LF
606-00741	Guardrail Type 7 (Style CE) (Special)	Gdrail Ty 7 (Sty CE) (Spec)	LF
606-00745	Guardrail Type 7 (Style CE)(Concrete Glare Screen)	Gdrail Ty 7 (Sty CE)(Conc Glare Screen)	LF
606-00900	Guardrail (Special)	Gdrail (Spec)	LF
606-00910	Guardrail Type 9 (Style CA)	Guardrail Type 9 (Style CA)	LF
606-00915	Guardrail Type 9 (Style CG)	Guardrail Type 9 (Style CG)	LF
606-00916	Guardrail Type 9 (Style CA) (Special)	Guardrail Type 9 (Style CA) (Special)	LF
606-00917	Guardrail Type 9 (Style CG) (Special)	Guardrail Type 9 (Style CG) (Special)	LF
606-00920	Guardrail Type 9 (Style CC)	Guardrail Type 9 (Style CC)	LF
606-00930	Guardrail Type 9 (Style CD)	Guardrail Type 9 (Style CD)	LF
606-00931	Guardrail Type 9 (Style CD) (Special)	Guardrail Type 9 (Style CD) (Special)	LF
606-00940	Guardrail Type 9 (Style CE)	Guardrail Type 9 (Style CE)	LF
606-00941	Guardrail Type 9 (Style CE) (Special)	Guardrail Type 9 (Style CE) (Special)	LF
606-00942	Guardrail Type 9 (Style CGE)	Guardrail Type 9 (Style CGE)	LF
606-00943	Guardrail Type 9 (Style CGE) (Special)	Guardrail Type 9 (Style CGE) (Special)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
606-00944	Guardrail Type 9 (Style CGD) (Special)	Guardrail Type 9 (Style CGD) (Special)	LF
606-01320	End Anchorage Type 3B	End Anchor Ty 3B	EACH
606-01321	End Anchor Type 3B (31 Inch Midwest Guardrail System)	End Anchor Ty 3B (31 In MGS)	LF
606-01340	End Anchorage Type 3D	End Anchor Ty 3D	EACH
606-01370	Transition Type 3G	Transition Ty 3G	EACH
606-01371	Transition Type 3G (Special)	Transition Ty 3G (Spec)	EACH
606-01372	Transition Type GR9-GR3	Transition Type GR9-GR3	EACH
606-01380	Transition Type 3H	Transition Ty 3H	EACH
606-01381	Transition Type 3H (Special)	Transition Ty 3H (Spec)	EACH
606-01385	Transition Type 3J	Transition Ty 3J	EACH
606-01390	End Anchorage Type 3K	End Anchor Ty 3K	EACH
606-01392	Interrupted Structure Approach	Interrupted Structure Approach	LF
606-01395	Transition Type 3L	Transition Ty 3L	EACH
606-01400	Transition Type BR10M-GR3	Transition Type BR10M-GR3	EACH
606-01401	Transition Type BR10B-GR9	Transition Type BR10B-GR9	EACH
606-01402	Transition Type BR10B-GR3	Transition Type BR10B-GR3	EACH
606-01403	Transition Type BR9-GR9	Transition Type BR9-GR9	EACH
606-01407	Transition Type BR9-GR3	Transition Type BR9-GR3	EACH
606-01460	Median Terminal	Median Terminal	EACH
606-02000	End Anchorage (Special)	End Anchor (Spec)	EACH
606-02003	End Anchorage (Nonflared)	End Anchor (Nonflared)	EACH
606-02005	End Anchorage (Flared)	End Anchor (Flared)	EACH
606-02007	End Anchorage (Flared) (Special)	End Anchor (Flared) (Spec)	EACH
606-08300	Place Guardrail Type 3	Place Gdrail Ty 3	LF
606-10200	Bridge Rail (Special)	Brdg Rail (Spec)	LF
606-10300	Bridge Rail Type 3	Brdg Rail Ty 3	LF
606-10305	Bridge Rail Type 3 (Special)	Brdg Rail Ty 3 (Spec)	LF
606-10325	Bridge Rail Type 3	Bridge Rail Ty 3	LF
606-10350	Bridge Rail Type 3R	Brdg Rail Ty 3R	LF
606-10360	Bridge Rail Type 3R (Special)	Brdg Rail Ty 3R (Spec)	LF
606-10400	Bridge Rail Type 4	Brdg Rail Ty 4	LF
606-10405	Bridge Rail Type 4 (Special)	Brdg Rail Ty 4 (Spec)	LF
606-10420	Bridge Rail Type 4 (Section A)	Brdg Rail Ty 4 (Sect A)	LF
606-10421	Bridge Rail Type 4 (Section B)	Brdg Rail Ty 4 (Sect B)	LF
606-10450	Bridge Rail Type 4R	Brdg Rail Ty 4R	LF
606-10500	Bridge Rail Type 4 (Continuous Slope)	Brdg Rail Ty 4 (Cont Sl)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
606-10650	Bridge Rail Type T6	Brdg Rail Ty T6	LF
606-10700	Bridge Rail Type 7	Brdg Rail Ty 7	LF
606-10705	Bridge Rail Type 7 (Special)	Brdg Rail Ty 7 (Spec)	LF
606-10720	Bridge Rail Type 7 (Section A)	Brdg Rail Ty 7 (Sect A)	LF
606-10742	Bridge Rail Type 7 (42")	Bridge Rail Ty 7 (42")	LF
606-10750	Bridge Rail Type 7R	Brdg Rail Ty 7R	LF
606-10755	Bridge Rail Type 7R (Special)	Brdg Rail Ty 7R (Spec)	LF
606-10800	Bridge Rail Type 8	Brdg Rail Ty 8	LF
606-10805	Bridge Rail Type 8 (Special)	Brdg Rail Ty 8 (Special)	LF
606-10810	Bridge Rail Type 8R MASH	Bridge Rail Type 8R MASH	LF
606-10900	Bridge Rail Type 9	Brdg Rail Ty 9	LF
606-10905	Bridge Rail Type 9 (Special)	Brdg Rail Ty 9 (Spec)	LF
606-11000	Bridge Rail Type 10	Brdg Rail Ty 10	LF
606-11005	Bridge Rail Type 10 (Special)	Brdg Rail Ty 10 (Spec)	LF
606-11010	Bridge Rail Type 10R	Brdg Rail Ty 10R	LF
606-11011	Bridge Rail Type 10R (Install Only)	Inst Brdg Rail Ty 10R	LF
606-11015	Bridge Rail Type 10R (Special)	Brdg Rail Ty 10R (Spec)	LF
606-11020	Bridge Rail Type 10H	Brdg Rail Ty 10H	LF
606-11025	Bridge Rail Type 10H (Special)	Brdg Rail Ty 10H (Spec)	LF
606-11030	Bridge Rail Type 10M	Brdg Rail Ty 10M	LF
606-11032	Bridge Rail Type 10M (Special)	Brdg Rail Ty 10M (Spec)	LF
606-11033	Bridge Rail Type 10M(Special)(Install Only)	Brdg Rail Ty 10M(Spec)(Inst Only)	LF
606-11035	Bridge Rail Type 10 MASH	Brdg Rail Ty 10 MASH	LF
606-11037	Bridge Rail Type 10R MASH	Brdg Rail Ty 10R MASH	LF
606-11900	Bridge Rail Post	Brdg Rail Post	EACH
606-11902	Bridge Rail Bolt	Bridge Rail Bolt	EACH
606-20010	High-Tension Cable Barrier	High-Tension Cable Barrier	LF
606-20013	High-Tension Cable Barrier (TL-3)	High-Tension Cable Barrier (TL-3)	LF
606-20014	High-Tension Cable Barrier (TL-4)	High-Tension Cable Barrier (TL-4)	LF
606-20015	High-Tension Cable Barrier (TL-3)(Special)	High-Ten Cable Barrier (TL-3)(Special)	LF
606-21010	End Anchorage (High-Tension Cable Barrier)	End Anchor (High-Tens Cab Bar)	EACH
606-32405	Light Standard Steel (40 Foot) (2 Arm)	Light Stand Steel (40 Ft) (2 Arm)	EACH
606-40400	Structural Concrete Stain	Struct Conc Stain	SY
606-99998	Guardrail (Special)	Gdrail (Spec)	SF
606-99999	Guardrail Type 7 (Precast)	Gdrail Ty 7 (Precast)	LF
607-00000	Line Post	Line Post	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-00005	End Post	End Post	EACH
607-00006	End Post (Tubing)	End Post (Tube)	EACH
607-00010	Corner and Line Brace Post	Corner and Line Br Post	EACH
607-00011	Corner and Line Brace Post (Tubing)	Corner and Line Br Post (Tube)	EACH
607-00015	End Post (Special)	End Post (Spec)	EACH
607-00020	Corner and Line Brace Post (Special)	Corner and Line Br Post (Spec)	EACH
607-00030	Brace Post (Special)	Br Post (Spec)	EACH
607-01000	Fence Barbed Wire with Metal Posts	Fence BW MP	LF
607-01010	Fence Barbed Wire with Metal Posts (Special)	Fence BW MP (Spec)	LF
607-01025	Install Fence	Inst Fence	LF
607-01030	Fence (Furnish Only)	Furnish Fence	LF
607-01050	Fence Wire With Metal Posts	Fence Wire MP	LF
607-01055	Fence Wire With Treated Wooden Posts	Fence Wire TWP	LF
607-01100	Fence Barbed Wire With Treated Wooden Posts	Fence BW TWP	LF
607-01110	Fence Barbed Wire With Treated Wooden Posts (Special)	Fence BW TWP (Spec)	LF
607-11200	Fence Combination Wire With Metal Posts	Fence CW MP	LF
607-11210	Fence Combination Wire With Tubing Posts	Fence CW TP	LF
607-11220	Fence Combination Wire With Metal Posts (Special)	Fence CW MP (Spec)	LF
607-11300	Fence Combination Wire With Treated Wooden Posts	Fence CW TWP	LF
607-11310	Fence Combination Wire With Treated Wooden Posts (Special)	Fence CW TWP (Spec)	LF
607-11350	Fence Deer	Fence Deer	LF
607-11352	Fence Deer (Wire Mesh)	Fence Deer (Wire Mesh)	LF
607-11354	Fence Deer (Wooden Stays)	Fence Deer (Wooden Stays)	LF
607-11360	Fence Deer (Special)	Fence Deer (Spec)	LF
607-11400	Fence Picket	Fence Picket	LF
607-11450	Fence Split Cedar	Fence Split Cedar	LF
607-11455	Fence Wood	Fence Wood	LF
607-11460	Fence Wood Railing	Fence Wood Rail	LF
607-11500	Fence Stockade	Fence Stockade	LF
607-11525	Fence (Plastic)	Fence (Plastic)	LF
607-11530	Fence (Special)	Fence (Spec)	LF
607-11550	Screen Wall	Screen Wall	LF
607-11560	Debris Barrier	Debris Barrier	SF
607-11575	Rock Fall Fence	Rock Fall Fence	LF
607-11576	Temporary Rockfall Containment System	Temp Rockfall Containment Sys	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-11577	Portable Rockfall Fence Assembly	Port Rockfall Fence Assem	LF
607-11579	Tire Fender	Tire Fender	SY
607-11580	Fence (Temporary)	Fence (Temp)	LF
607-11581	Fence (Temporary) (Special)	Fence (Temp) (Spec)	LF
607-11590	Flex Post Fence	Flex Post Fence	LF
607-11595	Flex Post Fence (Special)	Flex Post Fence (Spec)	LF
607-11598	Threadbar Fence	Threadbar Fence	LF
607-11600	Fence Wood (Noise Barrier)	Fence Wood (Noise)	SF
607-11648	Fence Wood (Noise Barrier) (48 Inch)	Fence Wood (Noise) (48 In)	LF
607-11672	Fence Wood (Noise Barrier) (72 Inch)	Fence Wood (Noise) (72 In)	LF
607-11696	Fence Wood (Noise Barrier) (96 Inch)	Fence Wood (Noise) (96 In)	LF
607-11720	Fence Wood (Noise Barrier) (120 Inch)	Fence Wood (Noise) (120 In)	LF
607-11744	Fence Wood (Noise Barrier) (144 Inch)	Fence Wood (Noise) (144 In)	LF
607-11768	Fence Wood (Noise Barrier) (168 Inch)	Fence Wood (Noise) (168 In)	LF
607-11799	Fence Wood (Noise Barrier) (Special)	Fence Wood (Noise) (Spec)	LF
607-11924	Fence Metal (Noise Barrier) (24 Inch)	Fence Metal (Noise) (24 In)	LF
607-11936	Fence Metal (Noise Barrier) (36 Inch)	Fence Metal (Noise) (36 In)	LF
607-11937	Fence Metal (36 Inch)	Fence Metal (36 In)	LF
607-11942	Fence Metal (Noise Barrier) (42 Inch)	Fence Metal (Noise) (42 In)	LF
607-11948	Fence Metal (Noise Barrier) (48 Inch)	Fence Metal (Noise) (48 In)	LF
607-11960	Fence Metal (Noise Barrier) (60 Inch)	Fence Metal (Noise) (60 In)	LF
607-11964	Fence Metal (Noise Barrier) (64 Inch)	Fence Metal (Noise) (64 In)	LF
607-11972	Fence Metal (Noise Barrier) (72 Inch)	Fence Metal (Noise) (72 In)	LF
607-11996	Fence Metal (Noise Barrier) (96 Inch)	Fence Metal (Noise) (96 In)	LF
607-12120	Fence Metal (Noise Barrier) (120 Inch)	Fence Metal (Noise) (120 In)	LF
607-12144	Fence Metal (Noise Barrier) (144 Inch)	Fence Metal (Noise) (144 In)	LF
607-13000	Fence Masonry (Noise Barrier)	Fence Msnry (Noise)	SF
607-13064	Fence Masonry (Noise Barrier) (64 Inch)	Fence Msnry (Noise) (64 In)	LF
607-13072	Fence Masonry (Noise Barrier) (72 Inch)	Fence Msnry (Noise) (72 In)	LF
607-13088	Fence Masonry (Noise Barrier)(88 Inch)	Fence Msnry (Noise)(88 In)	LF
607-13096	Fence Masonry (Noise Barrier) (96 Inch)	Fence Msnry (Noise) (96 In)	LF
607-13104	Fence Masonry (Noise Barrier) (104 Inch)	Fence Msnry (Noise) (104 In)	LF
607-13112	Fence Masonry (Noise Barrier) (112 Inch)	Fence Msnry (Noise) (112 In)	LF
607-13120	Fence Masonry (Noise Barrier) (120 Inch)	Fence Msnry (Noise) (120 In)	LF
607-13144	Fence Masonry (Noise Barrier) (144 Inch)	Fence Msnry (Noise) (144 In)	LF
607-13156	Fence Masonry (Noise Barrier) (156 Inch)	Fence Msnry (Noise) (156 In)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-13168	Fence Masonry (Noise Barrier) (168 Inch)	Fence Msnry (Noise) (168 In)	LF
607-13180	Fence Masonry (Noise Barrier) (180 Inch)	Fence Msnry (Noise) (180 In)	LF
607-13196	Fence Masonry (Noise Barrier) (196 Inch)	Fence Msnry (Noise) (196 In)	LF
607-14000	Fence Composite (Noise Barrier)	Fence Comp (Noise)	SF
607-14090	Fence Composite (Noise Barrier) (90 Inch)	Fence Comp (Noise) (90 In)	LF
607-14120	Fence Composite (Noise Barrier) (120 Inch)	Fence Comp (Noise) (120 In)	LF
607-14144	Fence Composite (Noise Barrier) (144 Inch)	Fence Comp (Noise) (144 In)	LF
607-15000	Fence Concrete (Noise Barrier)	Fence Conc (Noise)	SF
607-15005	Fence Concrete (Special)	Fence Conc (Spec)	SF
607-15015	Fence Concrete (Noise) (Install Only)	Fence Conc (Noise) (Inst)	SF
607-15100	Fence (Noise Barrier)	Fence (Noise)	SF
607-15144	Fence Concrete (Noise Barrier)(144 Inch)	Fence Concrete (Noise)(144 In)	LF
607-15200	Fence (Noise Barrier) (Alternate)	Fence (Noise) (Alt)	SF
607-16000	Noise Barrier Rehabilitation	Noise Barrier Rehab	SF
607-20000	Safety Screen	Safety Screen	EACH
607-20100	Glare Screen (Modular)	Glare Screen (Modular)	LF
607-20110	Glare Screen (Special)	Glare Screen (Special)	LF
607-20124	Glare Screen (24 Inch)	Glare Screen (24 In)	LF
607-21300	Fence Barrier With Metal Posts	Fence Barrier MP	LF
607-32000	Fence Picket Snow	Fence Picket Snow	LF
607-32100	Fence Steel Snow	Fence Steel Snow	LF
607-32208	Wood Snow Fence (8 Foot High)	Wood Snow Fence (8 Ft)	EACH
607-32210	Wood Snow Fence (10 Foot High)	Wood Snow Fence (10 Ft)	EACH
607-32212	Wood Snow Fence (12 Foot High)	Wood Snow Fence (12 Ft)	EACH
607-32300	Fence (Chain Link/Masonry)	Fence (CL/Msnry)	LF
607-52900	Line Post (Chain Link)	Line Post (CL)	EACH
607-52905	End Post (Chain Link)	End Post (CL)	EACH
607-52910	Corner and Line Brace Post (Chain Link)	Corner and Line Br Post (CL)	EACH
607-53001	Fence Chain Link (PVC Coated)	Fence CL (PVC)	LF
607-53005	Fence Chain Link (Special)	Fence CL (Spec)	LF
607-53010	Fence Chain Link (Industrial)	Fence CL (Indust)	LF
607-53136	Fence Chain Link (36 Inch)	Fence CL (36 In)	LF
607-53137	Fence Chain Link (Special) (36 Inch)	Fence CL (Spec) (36 In)	LF
607-53142	Fence Chain Link (42 Inch)	Fence CL (42 In)	LF
607-53143	Fence Chain Link (Special) (42 Inch)	Fence CL (Spec) (42 In)	LF
607-53148	Fence Chain Link (48 Inch)	Fence CL (48 In)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-53149	Fence Chain Link (Special) (48 Inch)	Fence CL (Spec) (48 In)	LF
607-53155	Fence Chain Link (Special)(54 Inch)	Fence CL (Spec)(54 In)	LF
607-53160	Fence Chain Link (60 Inch)	Fence CL (60 In)	LF
607-53161	Fence Chain Link (Special) (60 Inch)	Fence CL (Spec) (60 In)	LF
607-53169	Fence Chain Link (Special)(68 Inch)	Fence CL (Spec)(68 In)	LF
607-53172	Fence Chain Link (72 Inch)	Fence CL (72 In)	LF
607-53173	Fence Chain Link (Special) (72 Inch)	Fence CL (Spec) (72 In)	LF
607-53178	Fence Chain Link (Spec) (78 In)	Fence CL (Spec) (78 In)	LF
607-53184	Fence Chain Link (84 Inch)	Fence CL (84 In)	LF
607-53185	Fence Chain Link (Special) (84 Inch)	Fence CL (Spec) (84 In)	LF
607-53189	Fence (Chain Link)(Special)(88 Inch)	Fence (CL)(Spec)(88 In)	LF
607-53191	Fence Chain Link (Special) (92 Inch)	Fence CL (Spec) (92 In)	LF
607-53196	Fence Chain Link (96 Inch)	Fence CL (96 In)	LF
607-53197	Fence Chain Link (Special) (96 Inch)	Fence CL (Spec) (96 In)	LF
607-53203	Fence Chain Link (Special)(102 Inch)	Fence CL (Spec)(102 In)	LF
607-53220	Fence Chain Link (120 Inch)	Fence CL (120 In)	LF
607-53244	Fence Chain Link (144 Inch)	Fence CL (144 In)	LF
607-53500	Fence Chain Link (Pedestrian)	Fence CL (Pedest)	LF
607-54072	Fence Chain Link Screen (72 Inch)	Fence CL Screen (72 In)	LF
607-54096	Fence Chain Link Screen (96 Inch)	Fence CL Screen (96 In)	LF
607-54120	Fence Chain Link Screen (120 Inch)	Fence CL Screen (120 In)	LF
607-54144	Fence Chain Link Screen (144 Inch)	Fence CL Screen (144 In)	LF
607-55000	Fabric Chain Link	Fabric CL	SF
607-55001	Fabric Chain Link (PVC Coated)	Fabric CL (PVC)	SF
607-55030	Mesh Post	Mesh Post	EACH
607-55031	Mesh Post (Special)	Mesh Post (Spec)	EACH
607-55040	Mesh Anchor	Mesh Anchor	EACH
607-55041	Mesh Anchor	Mesh Anchor	LF
607-55050	Mesh Anchor (Special)	Mesh Anchor (Spec)	EACH
607-55060	Mesh Pin	Mesh Pin	EACH
607-55099	Wire Mesh (Anchored)	Wire Mesh (Anchored)	SF
607-55100	Wire Mesh (Draped)	Wire Mesh (Draped)	SF
607-55101	Cable Net (1/2 Inch)	Cable Net (1/2 In)	SF
607-55102	Cable Net (5/16 Inch)	Cable Net (5/16 In)	SF
607-55103	Cable Net (Special)	Cable Net (Spec)	SF
607-55104	Wire Mesh (Special)	Wire Mesh (Special)	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-55105	Cable Net Extension	Cable Net Extension	SF
607-55110	Safety Rail (Cable)	Safety Rail (Cable)	LF
607-55200	Rock Anchor	Rock Anchor	LF
607-56001	Fence (Animal Protection)	Fence (Animal Protect)	LF
607-60000	Deer Gate	Deer Gate	EACH
607-60001	Pedestrian Gate (Special)	Pedest Gate (Spec)	EACH
607-60002	Game Ramp	Game Ramp	EACH
607-60003	3 Foot Gate Walk	3 Ft Gate Walk	EACH
607-60004	4 Foot Gate Walk	4 Ft Gate Walk	EACH
607-60005	5 Foot Gate Walk	5 Ft Gate Walk	EACH
607-60006	6 Foot Gate Walk	6 Ft Gate Walk	EACH
607-60008	Game Ramp (Special)	Game Ramp (Special)	EACH
607-60010	Game Ramp (Lumber)	Game Ramp (Lumber)	EACH
607-60012	Game Ramp (Backfill)	Game Ramp (Backfill)	EACH
607-60014	Game Ramp (Seeding)	Game Ramp (Seeding)	EACH
607-60103	3 Foot Gate	3 Ft Gate	EACH
607-60105	4 Foot Gate (Special)	4 Foot Gate (Spec)	EACH
607-60108	8 Foot Gate	8 Ft Gate	EACH
607-60109	8 Foot Gate (Special)	8 Foot Gate (Spec)	EACH
607-60110	10 Foot Gate	10 Ft Gate	EACH
607-60111	10 Foot Gate (Special)	10 Ft Gate (Spec)	EACH
607-60112	12 Foot Gate	12 Ft Gate	EACH
607-60113	12 Foot Gate (Special)	12 Ft Gate (Spec)	EACH
607-60114	14 Foot Gate	14 Ft Gate	EACH
607-60115	14 Foot Gate (Chain Link) (PVC Coated)	14 Ft Gate(CL)(PVC Coated)	EACH
607-60116	16 Foot Gate	16 Ft Gate	EACH
607-60117	16 Foot Gate (Special)	16 Ft Gate (Spec)	EACH
607-60119	18 Foot Gate (Special)	18 Ft Gate (Spec)	EACH
607-60120	20 Foot Gate	20 Ft Gate	EACH
607-60121	20 Foot Gate (Special)	20 Ft Gate (Spec)	EACH
607-60127	26-Foot Gate Twin (Special)	26-Foot Gate Twin (Spec)	EACH
607-60133	32-Foot Gate Twin (Special)	32-Foot Gate Twin (Spec)	EACH
607-60153	3 Foot Gate (Special)	3 Ft Gate (Spec)	EACH
607-60203	3 Ft Gate Single (Chain Link)	3 Ft Gate S (CL)	EACH
607-60208	8 Ft Gate Single (Chain Link)	8 Ft Gate S (CL)	EACH
607-60212	12 Foot Gate Single (Chain Link)	12 Ft Gate S (CL)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-60215	15 Foot Gate Single (Chain Link)	15 Ft Gate S (CL)	EACH
607-60216	16 Foot Gate Single (Chain Link)	16 Ft Gate S (CL)	EACH
607-60218	18 Foot Gate Single (Chain Link)	18 Ft Gate S (CL)	EACH
607-60220	20 Foot Gate Single (Chain Link)	20 Ft Gate S (CL)	EACH
607-60230	30 Foot Gate Single (Chain Link)	30 Ft Gate S (CL)	EACH
607-60240	40 Foot Gate Single (Chain Link)	40 Ft Gate S (CL)	EACH
607-60243	40 Foot Gate (Special)	40 Foot Gate (Special)	EACH
607-60266	16 Foot Gate Double (Chain Link)	16 Ft Gate D (CL)	EACH
607-60270	20 Foot Gate Double (Chain Link)	20 Ft Gate D (CL)	EACH
607-60271	20 Foot Gate Double (Chain Link) (PVC Coated)	20 Ft Gate D (CL) (PVC Coated)	EACH
607-60274	24 Foot Gate Double (Chain Link)	24 Ft Gate D (CL)	EACH
607-60276	26 Foot Gate Double (Chain Link)	26 Ft Gate D (CL)	EACH
607-60280	30 Foot Gate Double (Chain Link)	30 Ft Gate D (CL)	EACH
607-60290	40 Foot Gate Double (Chain Link)	40 Ft Gate D (CL)	EACH
607-60316	16 Foot Gate Twin	16 Ft Gate Twin	EACH
607-60320	20 Foot Gate Twin	20 Ft Gate Twin	EACH
607-60324	24 Foot Gate Twin	24 Ft Gate Twin	EACH
607-60332	32 Foot Gate Twin	32 Ft Gate Twin	EACH
607-60335	35 Foot Gate Twin	35 Ft Gate Twin	EACH
607-60340	40 Foot Gate Twin	40 Ft Gate Twin	EACH
607-60420	20 Foot Gate Twin (Special)	20 Ft Gate Twin (Spec)	EACH
607-60424	24 Foot Gate Twin (Special)	24 Ft Gate Twin (Spec)	EACH
607-60514	14 Foot Gate (Special)	14 Ft Gate (Spec)	EACH
607-60516	Place 16 Foot Gate	Place 16 Ft Gate	EACH
607-60520	Place 20 Foot Gate	Place 20 Ft Gate	EACH
607-60524	24 Foot Gate (Special)	24 Ft Gate (Spec)	EACH
607-60600	Security Gate	Security Gate	EACH
607-60610	Vehicle Gate	Vehicle Gate	EACH
607-60620	Road Closure Gate	Road Closure Gate	EACH
607-60625	Road Closure Gate (Install Only)	Road Closure Gate (Install Only)	EACH
607-60630	HOV Gate	HOV Gate	EACH
607-60635	HOV Gate Foundation	HOV Gate Foundation	EACH
607-60650	HOV Gate Controller Cabinet	HOV Gate Ctrl Cab	EACH
607-61216	16 Foot Gate Double Screen	16 Ft Gate D S	EACH
607-61220	20 Foot Gate Double Screen	20 Ft Gate D S	EACH
607-61224	24 Foot Gate Double Screen	24 Ft Gate D S	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
607-61232	32 Foot Gate Double Screen	32 Ft Gate D S	EACH
607-62000	Temporary Rockfall Containment System	Temp Rock Contain Sys	L S
608-00000	Concrete Sidewalk	Conc Sidewalk	SY
608-00003	Concrete Sidewalk (Fast Track)	Conc Sidewalk (Fast Track)	SY
608-00005	Concrete Sidewalk (Special)	Conc Sidewalk (Spec)	SY
608-00006	Concrete Sidewalk (6 Inch)	Conc Sidewalk (6 In)	SY
608-00010	Concrete Curb Ramp	Conc Curb Ramp	SY
608-00011	Curb Ramp (Fast Track)	Curb Ramp (Fast Track)	SY
608-00012	Curb Ramp (Special)	Curb Ramp (Spec)	SY
608-00015	Detectable Warnings	Detectable Warnings	SF
608-00016	Detectable Warnings (Install Only)	Inst Detectable Warnings	SF
608-00017	Curb Ramp (Temporary Perpendicular)	Curb Ramp (Temp Perpendicular)	EACH
608-00018	Curb Ramp (Temporary Parallel) (Single)	Curb Ramp (Temp Parallel) (Single)	EACH
608-00019	Curb Ramp (Temporary Parallel) (Dual)	Curb Ramp (Temp Parallel) (Dual)	EACH
608-00020	Concrete Bikeway	Conc Bikeway	SY
608-00024	Concrete Bikeway (4 Inch)	Conc Bikeway (4 In)	SY
608-00025	Concrete Bikeway (5 Inch)	Conc Bikeway (5 In)	SY
608-00026	Concrete Bikeway (6 Inch)	Conc Bikeway (6 In)	SY
608-00028	Concrete Bikeway (8 Inch)	Conc Bikeway (8 In)	SY
608-00040	Concrete Bikeway (Special)	Conc Bikeway (Spec)	SY
608-00050	Brick Pavers	Brick Pavers	SF
608-00051	Brick Pavers (Install Only)	Inst Brick Pavers	SF
608-00052	Brick Pavers (Furnish Only)	Furn Brick Pavers	SF
608-00060	Stone Pavers	Stone Pavers	SF
608-00070	Interlocking Pavers	Interlock Pavers	SF
608-00100	Reinforced Grass/Concrete Porous Pavement	Reinf Grass/Conc Pvmt	SY
608-00110	Reinforced Grass/Plastic Porous Pavement	Reinf Grass/Plastic Pvmt	SY
608-00350	Concrete Sidewalk (Colored)	Conc Sidewalk (C)	SY
608-00400	Concrete Sidewalk (Colored) (Exposed Aggregate)	Conc Sidewalk (C) (EA)	SY
608-00500	Concrete Sidewalk (Exposed Aggregate)	Conc Sidewalk (EA)	SY
608-01000	Bituminous Sidewalk	Bitum Sidewalk	TON
608-01010	Bituminous Curb Ramp	Bitum Curb Ramp	TON
608-01500	Bituminous Bikeway	Bitum Bikeway	TON
608-01550	Place Asphalt Millings	Place Asph Millings	SY
608-01600	Aggregate Walkway	Aggregate Walkway	SY
608-10000	Sidewalk Drain	Sidewalk Drain	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
608-10010	Sidewalk Drain	Sidewalk Drain	EACH
609-09015	Modify Post-Tensioning System	Mod Post-Tens Sys	EACH
609-20000	Curb Type 2 (Section B) (Special)	Curb Ty 2 B (Spec)	LF
609-20004	Curb and Gutter Type 2 (Section II-M) (Special)	Curb and Gutter Ty 2 (Sect II-M)(Spec)	LF
609-20010	Curb Type 2 (Section B)	Curb Ty 2 B	LF
609-20011	Curb Type 2 (Section M)	Curb Ty 2 M	LF
609-20100	Curb Type 2 (Section-Variable)	Curb Ty 2 Variable	LF
609-20110	Curb Type 2 (Colored)	Curb Ty 2 (C)	LF
609-20120	Curb Type 2 (Colored) (Exposed Aggregate)	Curb Ty 2 (C) (EA)	LF
609-21000	Concrete Curb Stop	Concrete Curb Stop	EACH
609-21009	Curb and Gutter Type 2 (Section I-B) (Colored)	C and G Ty 2 I-B (C)	LF
609-21010	Curb and Gutter Type 2 (Section I-B)	C and G Ty 2 I-B	LF
609-21011	Curb and Gutter Type 2 (Section I-M)	C and G Ty 2 I-M	LF
609-21012	Curb and Gutter Type 2 (Section I-M) (Colored)	C and G Ty 2 I-M (C)	LF
609-21013	Curb and Gutter Type 2 (Section I-M) (Special)	C and G Ty 2 I-M (Spec)	LF
609-21020	Curb and Gutter Type 2 (Section II-B)	C and G Ty 2 II-B	LF
609-21021	Curb and Gutter Type 2 (Section II-M)	C and G Ty 2 II-M	LF
609-21022	Curb and Gutter Type 2 (Section II-B) (Colored)	C and G Ty 2 II-B (C)	LF
609-21023	Curb and Gutter Type 2 (Section II-B) (Special)	C and G Ty 2 II-B (Spec)	LF
609-21025	Curb and Gutter Type 2 (Section BS)	C and G Ty 2 BS	LF
609-21100	Curb and Gutter Type 2 (Section-Variable)	C and G Ty 2 Variable	LF
609-21110	Curb and Gutter Type 2 (Section I-B) (Special)	C & G Ty 2 I-B (Spec)	LF
609-21900	Curb and Gutter Type 2 (Special)	C and G Ty 2 (Spec)	LF
609-21920	Curb and Gutter Type 2 (Colored) (Exposed Aggregate)	C and G Ty 2 (C) (EA)	LF
609-22021	Curb, Gutter and Sidewalk Type 2 (Section MS)	CGS Ty 2 MS	LF
609-22022	Curb, Gutter and Sidewalk Type 2 (Section II-B)	CGS Ty 2 II-B	LF
609-22025	Curb, Gutter and Sidewalk Type 2 (Section BS)	CGS Ty 2 BS	LF
609-22900	Curb, Gutter and Sidewalk (Special)	CGS (Spec)	LF
609-23000	Gutter (Special)	Gutter (Special)	LF
609-24000	Gutter Type 2 (Special)	Gutter Ty 2 (Spec)	LF
609-24002	Gutter Type 2 (2 Foot)	Gutter Ty 2 (2 Ft)	LF
609-24003	Gutter Type 2 (3 Foot)	Gutter Ty 2 (3 Ft)	LF
609-24004	Gutter Type 2 (4 Foot)	Gutter Ty 2 (4 Ft)	LF
609-24005	Gutter Type 2 (5 Foot)	Gutter Ty 2 (5 Ft)	LF
609-24006	Gutter Type 2 (6 Foot)	Gutter Ty 2 (6 Ft)	LF
609-24008	Gutter Type 2 (8 Foot)	Gutter Ty 2 (8 Ft)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
609-24010	Gutter Type 2 (10 Foot)	Gutter Ty 2 (10 Ft)	LF
609-24020	Gutter Type 2 (20 Foot)	Gutter Ty 2 (20 Ft)	LF
609-24100	Gutter Type 2 (Variable)	Gutter Ty 2 Variable	LF
609-31010	Curb and Gutter Type 2 (Section I-B) (Fast Track)	C and G Ty 2 I-B (Fast Track)	LF
609-31020	Curb and Gutter Type 2 (Section II-B) (Fast Track)	C and G Ty 2 II-B (Fast Track)	LF
609-31025	Curb and Gutter Type 2 (Section II-M) (Fast Track)	C and G Ty 2 II-M (Fast Track)	LF
609-34006	Gutter Type 2 (6 Foot) (Fast Track)	Gutter Ty 2 (6 Ft) (Fast Track)	LF
609-34008	Gutter Type 2 (8 Foot) (Fast Track)	Gutter Ty 2 (8 Ft) (Fast Track)	LF
609-34010	Gutter Type (10 Foot) (Fast Track)	Gutter Ty 2 (10 Ft) (Fast Track)	LF
609-40010	Curb Type 4 (Section B)	Curb Ty 4 B	LF
609-40011	Curb Type 4 (Section M)	Curb Ty 4 M	LF
609-40021	Curb Type 4 (Section B) (Epoxy)	Curb Ty 4 B (Epoxy)	LF
609-40022	Curb Type 4 (Section M) (Epoxy)	Curb Ty 4 M (Epoxy)	LF
609-40031	Curb Type 4 (Section B) (Key-Way)	Curb Ty 4 B (Key-Way)	LF
609-40032	Curb Type 4 (Section M) (Key-Way)	Curb Ty 4 M (Key-Way)	LF
609-40041	Curb Type 4 (Special)(Sloping)	Curb Ty 4 (Special)(Sloping)	LF
609-40042	Curb Type 4 (Special)(Vertical)	Curb Ty 4 (Special)(Vertical)	LF
609-40100	Curb Type 4 (Section-Variable)	Curb Ty 4 Variable	LF
609-40110	Curb (Median) Type 4 (Section B)	Curb Median Ty 4 B	LF
609-40120	Curb (Median) (Special)	Curb Median Special	SY
609-40130	Curb (Median) (Special)	Curb Median Special	LF
609-60011	Curb Type 6 (Section M)	Curb Ty 6 M	LF
609-60900	Curb Type 6 (Section M) Special	Curb Ty 6 M Special	LF
609-70000	Curb (Walkover)	Curb (Walkover)	SF
609-70010	Curb (Tunnel)	Curb (Tunnel)	LF
609-70020	Curb (8 Inch Vertical-Concrete)	Curb (8 In Vert)	LF
609-70030	Tall Curb (Style CA)	Tall Curb (Style CA)	LF
609-70031	Tall Curb (Style CC)	Tall Curb (Style CC)	LF
609-70040	Curb (Composite Material)	Curb (Composite Material)	LF
609-71000	Curb (Special)	Curb (Special)	LF
610-00010	Median Cover Material (Decorative)	Median Cover Matl (Dec)	SF
610-00020	Median Cover Material (Patterned Concrete)	Median Cover (Pattern Conc)	SF
610-00024	Median Cover Material (4 Inch Patterned Concrete)	Median Cover (4 In Pattern Conc)	SF
610-00026	Median Cover Material (6 Inch Patterned Concrete)	Median Cover (6 In Pattern Conc)	SF
610-00030	Median Cover Material (Concrete)	Median Cover Matl (Conc)	SF
610-00035	Median Cover Material (Concrete)(Special)	Median Cover Matl (Conc)(Spec)	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
610-00040	Median Cover Material (Bituminous)	Median Cover Matl (Bitum)	TON
610-00050	Median Cover Material (Stone)	Median Cover Matl (Stone)	TON
610-00051	Median Cover Material (Stone) (Special)	Median Cover Matl (Stone) (Spec)	TON
610-00055	Median Cover Material (Stone)	Median Cover Matl (Stone)	SF
610-00060	Median Cover Material (Brick Pavers)	Median Cover Matl (Brick)	SF
610-00100	Median Edging (Patterned Concrete)	Median Edging (Pattern Conc)	LF
610-00110	Median Edging	Median Edging	LF
610-01000	Medallion	Medallion	EACH
611-00010	10 Foot Cattle Guard	10 Ft Cattle Gd	EACH
611-00011	10 Foot Deer Guard	10 Ft Deer Gd	EACH
611-00012	12 Foot Cattle Guard	12 Ft Cattle Gd	EACH
611-00013	12 Foot Deer Guard	12 Ft Deer Gd	EACH
611-00014	14 Foot Cattle Guard	14 Ft Cattle Gd	EACH
611-00016	16 Foot Cattle Guard	16 Ft Cattle Gd	EACH
611-00017	16 Foot Deer Guard	16 Ft Deer Gd	EACH
611-00018	18 Foot Cattle Guard	18 Ft Cattle Gd	EACH
611-00019	18 Foot Deer Guard	18 Ft Deer Gd	EACH
611-00020	20 Foot Cattle Guard	20 Ft Cattle Gd	EACH
611-00021	20 Foot Deer Guard	20 Ft Deer Guard	EACH
611-00022	22 Foot Cattle Guard	22 Ft Cattle Gd	EACH
611-00023	22 Foot Deer Guard	22 Ft Deer Gd	EACH
611-00024	24 Foot Cattle Guard	24 Ft Cattle Gd	EACH
611-00025	24 Foot Deer Guard	24 Ft Deer Gd	EACH
611-00026	26 Foot Cattle Guard	26 Ft Cattle Gd	EACH
611-00027	26 Foot Deer Guard	26 Ft Deer Gd	EACH
611-00028	28 Foot Cattle Guard	28 Ft Cattle Gd	EACH
611-00029	28 Ft Deer Guard	28 Ft Deer Gd	EACH
611-00030	30 Foot Cattle Guard	30 Ft Cattle Gd	EACH
611-00031	30 Foot Deer Guard	30 Ft Deer Gd	EACH
611-00032	32 Foot Cattle Guard	32 Ft Cattle Gd	EACH
611-00033	32 Foot Deer Guard	32 Ft Deer Gd	EACH
611-00035	34 Foot Deer Guard	34 Ft Deer Gd	EACH
611-00036	36 Foot Cattle Guard	36 Ft Cattle Gd	EACH
611-00037	35 Foot Deer Guard	35 Ft Deer Guard	EACH
611-00039	38 Foot Deer Guard	38 Ft Deer Gd	EACH
611-00040	40 Foot Cattle Guard	40 Ft Cattle Gd	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
611-00041	40 Foot Deer Guard	40 Ft Deer Gd	EACH
611-00043	42 Foot Deer Guard	42 Ft Deer Guard	EACH
611-00044	44 Foot Deer Guard	44 Ft Deer Guard	EACH
611-00047	46 Foot Deer Guard	46 Ft Deer Gd	EACH
611-00049	48 Foot Deer Guard	48 Ft Deer Gd	EACH
611-00051	50 Foot Deer Guard	50 Ft Deer Guard	EACH
611-00057	56 Foot Deer Guard	56 Ft Deer Gd	EACH
611-00059	58 Foot Deer Guard	58 Ft Deer Gd	EACH
611-00065	64 Foot Deer Guard	64 Ft Deer Gd	EACH
611-00073	72 Foot Deer Guard	72 Ft Deer Gd	EACH
611-00079	78 Foot Deer Guard	78 Ft Deer Gd	EACH
611-00085	84 Foot Deer Guard	84 Ft Deer Gd	EACH
611-00093	92 Foot Deer Guard	92 Ft Deer Gd	EACH
611-00117	Deer Guard (Special) (16 foot x 30 Foot Pre-cast)	Deer Guard (Spec) (16ft x 30ft Pre-cast)	EACH
611-00137	36 Foot Deer Guard	36 Ft Deer Gd	EACH
611-00200	_____ Ft Electrified Wildlife Barrier	_____ Ft Electrified Wildlife Barrier	EACH
611-00500	Place Cattle Guard	Place Cattle Gd	EACH
611-01000	Railroad Grade Crossing	Railroad Grade Crossing	LF
611-01100	Railroad Track	Railroad Track	LF
612-00001	Delineator (Type I)	Delin (Ty I)	EACH
612-00002	Delineator (Type II)	Delin (Ty II)	EACH
612-00003	Delineator (Type III)	Delin (Ty III)	EACH
612-00010	Delineator (Special)	Delin (Spec)	EACH
612-00011	Delineator (Special) (Furnish Only)	Delin (Spec) (Furn)	EACH
612-00021	Delineator (Type I) (Barrier)	Delin (Ty I) (Barrier)	EACH
612-00022	Delineator (Type II) (Barrier)	Delin (Ty II) (Barrier)	EACH
612-00023	Delineator (Type III) (Barrier)	Delin (Ty III) (Barrier)	EACH
612-00031	Delineator (Type I) (Extra Height)	Delin (Ty I) (Extra Ht)	EACH
612-00032	Delineator (Type II) (Extra Height)	Delin (Ty II) (Extra Ht)	EACH
612-00033	Delineator (Type III) (Extra Height)	Delin (Ty III) (Extra Ht)	EACH
612-00036	Delineator (Flexible) (Square Base)	Delin (Flex) (Sq Base)	EACH
612-00037	Delineator (Flexible) (Flat Mounted)	Delin (Flex) (Flat Mount)	EACH
612-00038	Delineator (Flexible) (Clamp Mounted)	Delin (Flex) (Clmp Mount)	EACH
612-00039	Delineator (Flexible) (Surface Mounted)	Delin (Flex) (Surf Mount)	EACH
612-00040	Delineator (Flexible) (Extra Height)	Delin (Flex) (Extra Ht)	EACH
612-00041	Delineator (Flexible) (Type I)	Delin (Flex) (Ty I)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
612-00042	Delineator (Flexible) (Type II)	Delin (Flex) (Ty II)	EACH
612-00043	Delineator (Flexible) (Type III)	Delin (Flex) (Ty III)	EACH
612-00046	Delineator (Flexible) (Special) (Type I)	Delin (Flex) (Spec) (Ty I)	EACH
612-00047	Delineator (Flexible) (Special) (Type II)	Delin (Flex) (Spec) (Ty II)	EACH
612-00048	Delineator (Flexible) (Special) (Type III)	Delin (Flex) (Spec) (Ty III)	EACH
612-00050	Reflector (Type-3)	Reflector (Type-3)	EACH
612-00052	Reflector	Reflector	EACH
612-00060	Reflector (Median Barrier)	Reflector (Median Barrier)	EACH
612-00065	Reflector Strip (1-1/2 Inch)	Reflector Strip (1-1/2 In)	EACH
612-00070	Reflector Strip (4 Inch)	Reflector Strip (4 In)	EACH
612-00075	Reflector Strip (6 Inch)	Reflector Strip (6 In)	EACH
612-00081	Delineator (Post Mounted)(Type I)	Delin (PM) (Ty I)	EACH
612-00082	Delineator (Post Mounted)(Type II)	Delin (PM)(Ty II)	EACH
612-00083	Delineator (Post Mounted)(Type III)	Delin (PM)(Ty III)	EACH
612-00101	Delineator (Drivable Concrete Installation) (Type I)	Delin (Drv Conc Inst) (Ty I)	EACH
612-00102	Delineator (Drivable Concrete Installation) (Type II)	Delin (Drv Conc Inst) (Ty II)	EACH
612-00103	Delineator (Drivable Concrete Installation) (Type III)	Delin (Drv Conc Inst) (Ty III)	EACH
612-00104	Delineator (Drivable Concrete Installation) (Type I) (Furnish Only)	Delin (Drv Conc Inst) (Ty I) (Fr Only)	EACH
612-00105	Delineator (Drivable Concrete Installation) (Type II) (Furnish Only)	Delin (Drv Conc Inst) (Ty II) (Fr Only)	EACH
612-00106	Delineator (Drivable Concrete Installation) (Type III) (Furnish Only)	Delin (Drv Conc Inst) (Ty III) (Fr Only)	EACH
612-00107	Delineator (Mounted) (Type III)	Delin (Mounted) (Ty III)	EACH
612-00108	Delineator (Mounted) (Type III) (Furnish Only)	Delin (Mounted) (Ty III) (Fr Only)	EACH
612-00111	Delineator (Drivable)(Type I)	Delin (Drv)(Ty I)	EACH
612-00112	Delineator (Drivable)(Type II)	Delin (Drv)(Ty II)	EACH
612-00113	Delineator (Drivable)(Type III)	Delin (Drv)(Ty III)	EACH
612-00114	Delineator (Drivable)(Type I)(Furnish Only)	Delin (Drv)(Ty I)(Furn Only)	EACH
612-00115	Delineator (Drivable)(Type II)(Furnish Only)	Delin (Drv)(Ty II)(Furn Only)	EACH
612-00116	Delineator (Drivable)(Type III)(Furnish Only)	Delin (Drv)(Ty III)(Furn Only)	EACH
612-00118	Median Crossover Delineator (Drivable)	Med Crossover Delin (Drv)	EACH
612-00172	Median Crossover Delineator (Socket) (72 Inch)	Med Crossover Delin (Sckt)(72 In)	EACH
612-00196	Median Crossover Delineator (Socket) (96 Inch)	Med Crossover Delin (Sckt)(96 In)	EACH
612-00250	Concrete Station Marker	Conc Sta Marker	EACH
612-00260	Location Marker (Fiber Optic)(Dome)	Loc Mark (Fib Opt)(Dome)	EACH
612-00266	Location Marker (Electronic)(Ball)	Loc Mark (Electronic)(Ball)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
612-00270	Location Marker (Utility)(Flat Slat)	Loc Mark (Util)(Flat Slat)	EACH
612-00280	Location Marker (Fiber Optic)(Brass Cap)	Loc Mark (Fib Opt)(Brass Cap)	EACH
612-00300	Steel Guard Post	Steel Guard Post	EACH
612-00500	Adjustable Control Point Box	Adj Ctrl Point Box	EACH
612-01080	Barrier Striping (6 Inch)	Barrier Striping (6 In)	LF
612-15000	Install Marker	Inst Marker	EACH
613-00001	Directional Boring Conduit	Direct Bor Cond	LF
613-00018	8 Inch Cured-In-Place-Pipe	8 In CIPP Waterline	LF
613-00025	1-1/4 Inch HDPE Conduit	1-1/4 In HDPE Cond	LF
613-00026	1-1/4 Inch HDPE Conduit (Bored)	1-1/4 Inch HDPE Conduit (Bored)	LF
613-00050	1/2 Inch Electrical Conduit	1/2 In Elec Cond	LF
613-00075	3/4 Inch Electrical Conduit	3/4 In Elec Cond	LF
613-00100	1 Inch Electrical Conduit	1 In Elec Cond	LF
613-00102	1 Inch Electrical Conduit (Galvanized Rigid Conduit) (Special)	1 In Elec Cond (GRC) (Special)	LF
613-00104	1 Inch Electrical Conduit (Multiduct)	1 In Elec Cond (Multiduct)	LF
613-00125	1-1/4 Inch Electrical Conduit	1-1/4 In Elec Cond	LF
613-00126	1-1/4 Inch Electrical Conduit (Jacked)	1-1/4 In Elec Cond (Jacked)	LF
613-00127	1-1/4 Inch Electrical Conduit (Plastic)(Special)	1-1/4 In Elec Cond (P)(Spec)	LF
613-00128	1 1/4 Inch Electrical Conduit (Multiduct)(Jacked)	1 1/4 Inch Elec Cond (Multi)(Jacked)	LF
613-00150	1-1/2 Inch Electrical Conduit	1-1/2 In Elec Cond	LF
613-00151	1-1/2 Inch Electrical Conduit (Jacked)	1-1/2 In Elec Cond (Jacked)	LF
613-00155	38 mm Electrical Conduit (Innerduct)	38 mm Elec Cond (Innerduct)	LF
613-00200	2 Inch Electrical Conduit	2 In Elec Cond	LF
613-00201	2 Inch Electrical Conduit (Jacked)	2 In Elec Cond (Jacked)	LF
613-00202	2 Inch Electrical Conduit (Jacked) (Install Only)	Inst 2 In Elec Cond (Jacked)	LF
613-00203	2 Inch Electrical Conduit (Multiduct)(Jacked)	2 Inch Elec Cond (Multi)(Jacked)	LF
613-00206	2 Inch Electrical Conduit (Bored)	2 In Elec Cond (Bored)	LF
613-00207	2 Inch Electrical Conduit (Bridge) (Special)	2 In Elec Cond (Bridge) (Spec)	LF
613-00208	2 Inch Electrical Conduit (Bored) (Install Only)	Inst 2 In Elec Cond (Bored)	LF
613-00210	2 Inch Electrical Conduit (Special)	2 In Elec Conduit (Spec)	LF
613-00250	2-1/2 Inch Electrical Conduit	2-1/2 In Elec Cond	LF
613-00251	2-1/2 Inch Electrical Conduit (Jacked)	2-1/2 In Elec Cond (Jacked)	LF
613-00300	3 Inch Electrical Conduit	3 In Elec Cond	LF
613-00301	3 Inch Electrical Conduit (Jacked)	3 In Elec Cond (Jacked)	LF
613-00302	3 Inch Electrical Conduit (Jacked) (Install Only)	Inst 3 In Elec Cond (Jacked)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-00303	3 Inch Electric Conduit Body (BUB)	3 In Elec Cond Body (BUB)	EACH
613-00306	3 Inch Electrical Conduit (Bored)	3 In Elec Cond (Bored)	LF
613-00350	3-1/2 Inch Electrical Conduit	3-1/2 In Elec Cond	LF
613-00400	4 Inch Electrical Conduit	4 In Elec Cond	LF
613-00401	4 Inch Electrical Conduit (Jacked)	4 In Elec Cond (Jacked)	LF
613-00402	4 Inch Electrical Conduit (Install Only)	Inst 4 In Elec Cond	LF
613-00404	4 Inch Electrical Conduit (Multiduct)	4 In Elec Cond (Multiduct)	LF
613-00405	4 Inch Electrical Conduit (Special)	4 In Elec Cond (Spec)	LF
613-00406	4 Inch Electrical Conduit (Multiduct) (Jacked)	4 In Elec Cond (Multiduct) (Jacked)	LF
613-00407	4 Inch Electrical Conduit (Bridge)(Special)	4 In Elec Cond (Brdg)(Spec)	LF
613-00408	4 Inch Electrical Conduit (Bored)	4 In Elec Cond (Bored)	LF
613-00500	5 Inch Electrical Conduit	5 In Elec Cond	LF
613-00600	6 Inch Electrical Conduit	6 In Elec Cond	LF
613-00601	6 Inch Electrical Conduit (Jacked)	6 In Elec Cond (Jacked)	LF
613-00602	6 Inch Electrical Conduit (Install Only)	Inst 6 In Elec Cond	LF
613-00607	6 Inch Electrical Conduit (Bridge)(Special)	6 In Elec Cond (Brdg)(Spec)	LF
613-00608	6 Inch Electrical Conduit (Bridge)(Install Only)	Inst 6 In Elect Cond (Bridge)	LF
613-00700	Inspection Trip	Insp Trip	EACH
613-00800	8 Inch Electrical Conduit	8 In Elec Cond	LF
613-00805	8 Inch Electrical Conduit (Innerduct)	8 In Elec Cond (Innerduct)	LF
613-01050	1/2 Inch Electrical Conduit (Plastic)	1/2 In Elec Cond (P)	LF
613-01075	3/4 Inch Electrical Conduit (Plastic)	3/4 In Elec Cond (P)	LF
613-01100	1 Inch Electrical Conduit (Plastic)	1 In Elec Cond (P)	LF
613-01125	1-1/4 Inch Electrical Conduit (Plastic)	1-1/4 In Elec Cond (P)	LF
613-01150	1-1/2 Inch Electrical Conduit (Plastic)	1-1/2 In Elec Cond (P)	LF
613-01200	2 Inch Electrical Conduit (Plastic)	2 In Elec Cond (P)	LF
613-01201	2 Inch Electrical Conduit (Plastic) (Special)	2 In Elec Cond (P) (Spec)	LF
613-01202	2 Inch Electrical Conduit (Plastic) (Install Only)	Inst 2 In Elec Cond (P)	LF
613-01250	2-1/2 Inch Electrical Conduit (Plastic)	2-1/2 In Elec Cond (P)	LF
613-01300	3 Inch Electrical Conduit (Plastic)	3 In Elec Cond (P)	LF
613-01301	3 Inch Electrical Conduit (Plastic) (Special)	3 In Elec Cond (P) (Spec)	LF
613-01302	3 Inch Electrical Conduit (Plastic) (Install Only)	Inst 3 In Elec Cond (P)	LF
613-01350	3-1/2 Inch Electrical Conduit (Plastic)	3-1/2 In Elec Cond (P)	LF
613-01400	4 Inch Electrical Conduit (Plastic)	4 In Elec Cond (P)	LF
613-01402	4 Inch Electrical Conduit (Plastic)(Install Only)	Inst 4 In Elec Cond (P)	LF
613-01450	4-1/2 Inch Electrical Conduit (Plastic)	4-1/2 In Elec Cond (P)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-01500	5 Inch Electrical Conduit (Plastic)	5 In Elec Cond (P)	LF
613-01600	6 Inch Electrical Conduit (Plastic)	6 In Elec Cond (P)	LF
613-01602	6 Inch Electrical Conduit (Plastic)(Install Only)	Inst 6 In Elec Cond (P)	LF
613-01800	8 Inch Electrical Conduit (Plastic)	8 In Elec Cond (P)	LF
613-02075	3/4 Inch Electrical Conduit (Furnish Only)	Furn 3/4 In Elec Cond	LF
613-02100	1 Inch Electrical Conduit (Furnish Only)	Furn 1 In Elec Cond	LF
613-02150	1-1/2 Inch Electrical Conduit (Furnish Only)	Furn 1-1/2 In Elec Cond	LF
613-02200	2 Inch Electrical Conduit (Furnish Only)	Furn 2 In Elec Cond	LF
613-02300	3 Inch Electrical Conduit (Furnish Only)	Furn 3 In Elec Cond	LF
613-02400	4 Inch Electrical Conduit (Furnish Only)	Furn 4 In Elec Cond	LF
613-03075	3/4 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 3/4 In Elec Cond (P)	LF
613-03100	1 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 1 In Elec Cond (P)	LF
613-03200	2 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 2 In Elec Cond (P)	LF
613-03250	2-1/2 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 2-1/2 In Elec Con (P)	LF
613-03400	4 Inch Electrical Conduit (Plastic) (Furnish Only)	Furn 4 In Elec Cond (P)	LF
613-03491	Electrical Conduit (Plastic)(Multiduct)	Elec Cond (P) (Mult)	LF
613-03492	Electrical Conduit (Plastic)(Multiduct)(Bored)	Elec Cond (P)(Mult)(Bored)	LF
613-03498	Electrical Conduit (Plastic)(Multiduct)(Special)(2)	Elec Cond (P)(Multi)(Sp)(2)	LF
613-03499	Electrical Conduit (Plastic)(Multiduct)(Special)(Shared)	Elec Cond (P)(Mult)(Spec)(Shrd)	LF
613-03500	Electrical Conduit (Plastic) (Multiduct) (Special)	Elec Cond (P) (Mult) (Spec)	LF
613-03501	HID Fixtures (Type M1 Tunnel Luminaire)	HID Fixtures (Ty M1 Tunnel Luminaire)	EACH
613-03502	HID Fixtures (Type M2 Tunnel Luminaire)	HID Fixtures (Ty M2 Tunnel Luminaire)	EACH
613-03503	HID Fixtures (Type M3 Tunnel Luminaire)	HID Fixtures (Ty M3 Tunnel Luminaire)	EACH
613-03511	HID Fixtures (Type M1 Tunnel Luminaire) (Furnish Only)	Furn HID Fixture(Ty M1 Tunnel Luminaire)	EACH
613-04000	Conduit (Install Only)	Inst Conduit	LF
613-04010	Conduit	Conduit	L S
613-04020	Hanger System	Hanger System	L S
613-04100	Electrical System Modifications	Elect System Mods	L S
613-04120	1 Inch Electrical Conduit (Liquidtight Flexible Metal)	1 In Elec Cond (Liquidtight Flx Met)	LF
613-04125	1-1/4 Inch Electrical Conduit (Liquidtight Flexible Metal)	1-1/4 In Elec Cond (Liquidtight Flx Met)	LF
613-04130	1-1/2 Inch Electrical Conduit (Liquidtight Flexible Metal)	1-1/2 In Elec Cond (Liquidtight Flx Met)	LF
613-04200	2 Inch Electrical Conduit (Liquidtight Flexible Metal)	2 In Elec Cond (Liquidtight Flx Met)	LF
613-04250	2-1/2 Inch Electrical Conduit (Liquidtight Flexible Metal)	2-1/2 In Elec Cond (Liquidtight Flx Met)	LF
613-04300	3 Inch Electric Conduit (Liquid tight Flex Metal)	3 In Elec Cond (Liquidtight Flx Met)	LF
613-05000	Direct-Burial Cable	Dir Burial Cable	LF
613-05001	Direct Burial Cable (Install Only)	Inst Dir Burial Cable	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-05100	Direct-Burial Cable (Fiber Optics) (Special)	Dir Burial Cable (Fiber) (Spec)	LF
613-05150	Wildlife Detection System	Wildlife Detection System	L S
613-05151	Wildlife Detection System	Wildlife Detection System	EACH
613-05200	Heat Trace Cable	Heat Trace Cable	LF
613-05500	Wireway	Wireway	LF
613-05606	6 Inch Wide Cable Tray	6 In Wide Cable Tray	LF
613-05612	12 Inch Wide Cable Tray	12 In Wide Cable Tray	LF
613-05630	30 Inch Wide Cable Tray	30 In Wide Cable Tray	LF
613-06000	Meter Pole	Meter Pole	EACH
613-06500	Motor Terminal Box	Motor Term Box	EACH
613-07000	Pull Box (Special)	Pull Box (Spec)	EACH
613-07001	Type One Pull Box	Type One Pull Box	EACH
613-07002	Type Two Pull Box	Type Two Pull Box	EACH
613-07003	Type Three Pull Box	Type Three Pull Box	EACH
613-07004	Type Four Pull Box	Type Four Pull Box	EACH
613-07005	Type Five Pull Box	Type Five Pull Box	EACH
613-07010	Pull Box (Surface Mounted)	Pull Box (Surf Mtd)	EACH
613-07011	Pull Box (11"x18"x12")	Pull Box (11"x18"x12")	EACH
613-07016	Pull Box (16"x16"x6")	Pull Box (16"x16"x6")	EACH
613-07017	Pull Box (16"x14"x6")	Pull Box (16"x14"x6")	EACH
613-07018	Pull Box (18"x12"x8")	Pull Box (18"x12"x8")	EACH
613-07023	Pull Box (24"x36"x24")	Pull Box (24"x36"x24")	EACH
613-07024	Pull Box (24"x24"x8")	Pull Box (24"x24"x8")	EACH
613-07025	Pull Box (24"x24"x14")	Pull Box (24"x24"x14")	EACH
613-07026	Pull Box (16"x24"x12")	Pull Box (16"x24"x12")	EACH
613-07027	Pull Box (28"x28"x12")	Pull Box (28"x28"x12")	EACH
613-07029	Pull Box (24"x24"x12")	Pull Box (24"x24"x12")	EACH
613-07030	Pull Box (24"x16"x24")	Pull Box (24"x16"x24")	EACH
613-07032	Pull Box (24"x24"x24")	Pull Box (24"x24"x24")	EACH
613-07033	Pull Box (24"x20"x12")	Pull Box (24"x20"x12")	EACH
613-07034	Pull Box (24"x36"x18")	Pull Box (24"x36"x18")	EACH
613-07035	Pull Box (32"x24"x12")	Pull Box (32"x24"x12")	EACH
613-07036	Pull Box (36"x24"x8")	Pull Box (36"x24"x8")	EACH
613-07037	Pull Box (37"x37"x12")	Pull Box (37"x37"x12")	EACH
613-07038	Pull Box (36"x48"x18")	Pull Box (36"x48"x18")	EACH
613-07039	Pull Box (30"x48"x18")	Pull Box (30"x48"x18")	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-07040	Pull Box (30"x48"x24")	Pull Box (30"x48"x24")	EACH
613-07044	Pull Box (42"x30"x6")	Pull Box (42"x30"x6")	EACH
613-07050	Pull Box (13"x24"x18") Deep	Pull Box (13"x24"x18") Deep	EACH
613-07060	Pull Box (18"x30"x18") Deep	Pull Box (18"x30"x18") Deep	EACH
613-07070	EMS Ball Marker	EMS Ball Marker	EACH
613-07075	3/4 Inch Electrical Conduit Body (Type LB)	3/4 In Elec Cond Body (Ty LB)	EACH
613-07125	1 1/4 Inch Electrical Conduit Body (Type LB)	1 1/4 In Elec Cond Body (Ty LB)	EACH
613-07175	1 1/2 Inch Electrical Conduit Body (Type LB)	1 1/2 In Elec Cond Body (Ty LB)	EACH
613-07180	Pull Box (24"x36"x36")	Pull Box (24"x36"x36")	EACH
613-07190	Pull Box (36"x16"x12")	Pull Box (36"x16"x12")	EACH
613-07192	Pull Box (36"x12"x12")	Pull Box (36"x12"x12")	EACH
613-07195	Proof Conduit	Proof Conduit	LF
613-07199	Pull Box (Install Only)	Inst Pull Box	EACH
613-07200	2 Inch Electrical Body (Type LB)	2 In Elec Cond Body (Ty LB)	EACH
613-07210	2 Inch Electrical Conduit Body (Type TEE)	2 In Elec Cond Body (Ty TEE)	EACH
613-07225	1 1/4 Inch Electrical Conduit Body (Type TEE)	1 1/4 In Elec Cond Body (Type TEE)	EACH
613-07300	3 Inch Electrical Conduit Body (Type LB)	3 In Elec Cond Body (Ty LB)	EACH
613-08000	Vault (Install Only)	Inst Vault	EACH
613-08100	Electric Vault (6'x5'x6.5') Deep	Elec Vault (6'x5'x6.5') Deep	EACH
613-08110	Electric Vault (7'x9'x7.5') Deep	Elec Vault (7'x9'x7.5') Deep	EACH
613-08200	2 Inch Fiberglass Cable (Install Only)	2 In Fiber Cable (Install)	LF
613-10000	Wiring	Wiring	L S
613-10010	Wiring (Special)	Wiring (Spec)	L S
613-10015	Breakaway Wiring System	Breakaway Wiring System	EACH
613-12000	Luminaire Fluorescent (Tunnel)	Luminaire FI (Tunnel)	EACH
613-12100	Luminaire Fluorescent (Type F1 Tunnel)	Luminaire FI (Ty F1 Tunnel)	EACH
613-12101	Luminaire Fluorescent (Type F1 Tunnel) (Furnish Only)	Furn Luminaire FI (Ty F1 Tunnel)	EACH
613-12200	Luminaire Fluorescent (Type F2 Tunnel)	Luminaire FI (Ty F2 Tunnel)	EACH
613-12201	Luminaire Fluorescent (Type F2 Tunnel) (Furnish Only)	Furn Luminaire FI (Ty F2 Tunnel)	EACH
613-12300	Luminaire Fluorescent (Type F3 Tunnel)	Luminaire FI (Ty F3 Tunnel)	EACH
613-12301	Luminaire Fluorescent (Type F3 Tunnel) (Furnish Only)	Furn Luminaire FI (Ty F3 Tunnel)	EACH
613-13000	Luminaire (LED) (Special)	Luminaire (LED) (Spec)	EACH
613-13001	Luminaire (Special)(LED)(12 Watt)	Lumin (Spec)(LED)(12W)	EACH
613-13002	Luminaire (LED) (2,000 Lumens)	Lumin (LED) (2,000 Lumens)	EACH
613-13003	Luminaire (Special)(LED)(50 Watt)	Lumin (Spec)(LED)(50 W)	EACH
613-13004	Luminaire (LED) (4,000 Lumens)	Lumin (LED) (4,000 Lumens)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-13005	Luminaire (Special)(LED)(Step)(Light)	Lumin (Spec)(LED)(Step)(Light)	EACH
613-13006	Luminaire (LED) (6,000 Lumens)	Lumin (LED) (6,000 Lumens)	EACH
613-13008	Luminaire (LED) (8,000 Lumens)	Lumin (LED) (8,000 Lumens)	EACH
613-13010	Luminaire(LED)(10,000 Lumens)	Lumin(LED)(10,000 Lumens)	EACH
613-13011	Luminaire (LED) (11,000 Lumens)	Lumin (LED) (11,000 Lumens)	EACH
613-13012	Luminaire (LED) (12,000 Lumens)	Lumin (LED) (12,000 Lumens)	EACH
613-13014	Luminaire (LED) (14,000 Lumens)	Lumin (LED) (14,000 Lumens)	EACH
613-13016	Luminaire (LED) (16,000 Lumens)	Lumin (LED) (16,000 Lumens)	EACH
613-13018	Luminaire (LED) (18,000 Lumens)	Lumin (LED) (18,000 Lumens)	EACH
613-13020	Luminaire (LED) (20,000 Lumens)	Lumin (LED) (20,000 Lumens)	EACH
613-13025	Luminaire (LED) (25,000 Lumens)	Lumin (LED) (25,000 Lumens)	EACH
613-13030	Luminaire (LED)(30,000 Lumens)	Lumin (LED)(30,000 Lumens)	EACH
613-13034	Luminaire (LED)(15000 Lumens)	Lumin (LED)(15000 Lumens)	EACH
613-13040	Luminaire (LED)(40,000 lumens)	Lumin (LED)(40,000 lumens)	EACH
613-13050	Luminaire (LED) (50,000 Lumens)	Lumin LED (50,000 Lumens)	EACH
613-13060	Luminaire (LED) (1300 Lumens)	Lumin (LED) (1300 Lumin)	EACH
613-13065	Luminaire (LED) (5400 Lumens)	Lumin (LED) (5400 Lumen)	EACH
613-13100	Luminare Mounting Support System	Luminare Mounting Support System	L S
613-15000	Floodlight	Floodlight	EACH
613-15050	Spot Light	Spot Light	EACH
613-15100	Recessed Light	Recessed Light	EACH
613-15200	Recessed Light (Special)	Recessed Light (Spec)	EACH
613-16000	Luminaire (Special)	Luminaire (Spec)	EACH
613-16002	Luminaire Control Node (Stand Alone)	Lumin Cntrl Node (Stand Alone)	EACH
613-16010	Light Standard and Luminaire (Decorative)	Light Std + Lumin (Dec)	EACH
613-16015	Light Standard and Luminaire (Decorative) (Furnish Only)	Light Std + Lumin (Dec) (Furn)	EACH
613-20000	Light Standard and Luminaire (Install Only)	Inst Light Std + Lumin	EACH
613-20100	Light Standard (Install Only)	Inst Light Std	EACH
613-20200	Luminaire (Install Only)	Inst Lumin	EACH
613-20210	Luminaire (Special) (Install Only)	Inst Lumin (Spec)	EACH
613-20215	Luminaire Arm (Install Only)	Inst Lumin Arm	EACH
613-20300	Luminaire (Furnish Only)	Furn Lumin	EACH
613-20400	Lens Assemblies(Furnish Only)	Lens Assemblies(Furn)	EACH
613-30005	Light Standard and Luminaire (Pedestrian)	Light Std + Lumin (Pedest)	EACH
613-30010	Light Standard and Luminaire (Pedestrian) (Furnish Only)	Light Std + Lumin (Pedest) (Furn)	EACH
613-30120	Light Standard Aluminum (12 Foot)	Light Std Alum (12 Ft)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-30130	Light Standard Aluminum (13 Foot)	Light Std Alum (13 Ft)	EACH
613-30140	Light Standard Aluminum (14 Foot)	Light Std Alum (14 Ft)	EACH
613-30230	Light Standard Aluminum (23 Foot)	Light Std Alum (23 Ft)	EACH
613-30250	Light Standard Aluminum (25 Foot)	Light Std Alum (25 Ft)	EACH
613-30300	Light Standard Aluminum (30 Foot)	Light Std Alum (30 Ft)	EACH
613-30302	Light Standard Aluminum (30 Foot) (2-Arm)	Light Std Alum (30 Ft) (2)	EACH
613-30350	Light Standard Aluminum (35 Foot)	Light Std Alum (35 Ft)	EACH
613-30352	Light Standard Aluminum (35 Foot) (2-Arm)	Light Std Alum (35 Ft) (2)	EACH
613-30400	Light Standard Aluminum (40 Foot)	Light Std Alum (40 Ft)	EACH
613-30402	Light Standard Aluminum (40 Foot) (2-Arm)	Light Std Alum (40 Ft) (2)	EACH
613-31120	Light Standard Concrete (12 Foot)	Light Std Conc (12 Ft)	EACH
613-31300	Light Standard Concrete (30 Foot)	Light Std Conc (30 Ft)	EACH
613-32116	Light Standard Steel (10 Foot)	Light Std Steel (10 Ft)	EACH
613-32118	Light Standard Steel (10 Foot) (2-Arm)	Light Std Steel (10 Ft) (2)	EACH
613-32122	Light Standard Steel (12 Foot) (2-Arm)	Light Std Steel (12 Ft) (2)	EACH
613-32180	Light Standard Steel (18 Foot)	Light Std Steel (18 Ft)	EACH
613-32200	Light Standard Steel (20 Foot) (2 Arm)	Light Std Steel (20 Ft) (2)	EACH
613-32205	Light Standard Steel (20 Foot) (2-Arm) (Furnish Only)	Light Std Steel (20 Ft) (2) (Furn)	EACH
613-32250	Light Standard Steel (25 Foot)	Light Std Steel (25 Ft)	EACH
613-32252	Light Standard Steel (25 Foot) (2-Arm)	Light Std Steel (25 Ft) (2)	EACH
613-32254	Light Standard Steel (25 Foot) (4-Arm)	Light Std Steel (25 Ft) (4)	EACH
613-32300	Light Standard Steel (30 Foot)	Light Std Steel (30 Ft)	EACH
613-32302	Light Standard Steel (30 Foot) (2-Arm)	Light Std Steel (30 Ft) (2)	EACH
613-32350	Light Standard Steel (35 Foot)	Light Std Steel (35 Ft)	EACH
613-32351	Light Standard Steel (35 Foot) (Furnish Only)	Furn Light Std Steel (35 Ft)	EACH
613-32352	Light Standard Steel (35 Foot) (2-Arm)	Light Std Steel (35 Ft) (2)	EACH
613-32390	Light Standard Steel (39 Foot)	Light Std Steel (39 Ft)	EACH
613-32400	Light Standard Steel (40 Foot)	Light Std Steel (40 Ft)	EACH
613-32405	Light Standard Steel (40 Foot)(2 Arm)	Light Std Steel (40 Ft)	EACH
613-32500	Light Standard Steel (50 Foot)	Light Std Steel (50 Ft)	EACH
613-32650	Light Standard Steel (65 Foot)	Light Std Steel (65 Ft)	EACH
613-32700	Light Standard Steel (70 Foot)	Light Std Steel (70 Ft)	EACH
613-33300	Light Standard Timber (30 Foot)	Light Std Timber (30 Ft)	EACH
613-33400	Light Standard Timber (40 Foot)	Light Std Timber (40 Ft)	EACH
613-34120	Light Standard Metal (12 Foot)	Light Std Metal (12 Ft)	EACH
613-34122	Light Standard Metal (12 Foot) (2-Arm)	Light Std Metal (12 Ft) (2)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-34140	Light Standard Metal (14 Foot)	Light Std Metal (14 Ft)	EACH
613-34150	Light Standard Metal (15 Foot)	Light Std Metal (15 Ft)	EACH
613-34180	Light Standard Metal (18 Foot)	Light Std Metal (18 Ft)	EACH
613-34200	Light Standard Metal (20 Foot)	Light Standard Metal (20 Foot)	EACH
613-34250	Light Standard Metal (25 Foot)	Light Std Metal (25 Ft)	EACH
613-34300	Light Standard Metal (30 Foot)	Light Std Metal (30 Ft)	EACH
613-34302	Light Standard Metal (30 Foot) (2 Arm)	Light Std Metal (30 Ft) (2)	EACH
613-34303	Light Standard Metal (30 Foot) (2 Arm) (Spec)	Light Std Metal (30 Ft) (2) (Spec)	EACH
613-34350	Light Standard Metal (35 Foot)	Light Std Metal (35 Ft)	EACH
613-34351	Light Standard Metal (35 Foot) (Special) (1 Arm)	Light Std Metal (35 Ft) (Spec) (1)	EACH
613-34352	Light Standard Metal (35 Foot) (Special) (2 Arm)	Light Std Metal (35 Ft) (Spec) (2)	EACH
613-34353	Light Standard Metal (35 Foot) (2 Arm)	Light Std Metal (35 Ft) (2)	EACH
613-34400	Light Standard Metal (40 Foot)	Light Std Metal (40 Ft)	EACH
613-34401	Light Standard Metal (40 Foot) (Special)	Light Std Metal (40 Ft) (Spec)	EACH
613-34402	Light Standard Metal (40 Foot) (2 Arm)	Light Std Metal (40 Ft) (2)	EACH
613-34500	Light Standard Metal (50 Foot)	Light Std Metal (50 Ft)	EACH
613-34502	Light Standard Metal (50 Foot) (2 Arm)	Light Std Metal (50 Foot) (2)	EACH
613-34600	Light Standard Metal (60 Foot)	Light Std Metal (60 Ft)	EACH
613-34700	Light Standard Metal (70 Foot)	Light Std Metal (70 Ft)	EACH
613-40000	Concrete Foundation Pad	Conc Foundation Pad	EACH
613-40005	Concrete Foundation Pad (Install Only)	Inst Conc Foundation Pad	EACH
613-40010	Light Standard Foundation	Light Std Foundation	EACH
613-40012	Light Standard Foundation Special	Light Std Foundation Spec	EACH
613-40015	Light Standard Anchor	Light Std Anchor	EACH
613-40020	Transformer Base Aluminum	Transformer Base Alum	EACH
613-40022	Transformer Base Aluminum (Furnish Only)	Transformer Base Aluminum (Furnish Only)	EACH
613-40030	Transformer Base Aluminum (Install Only)	Inst Transformer Base Alum	EACH
613-40300	Light Standard Aluminum (Furnish Only)	Furn Light Std Alum	EACH
613-41300	Light Standard Concrete (Furnish Only)	Furn Light Std Conc	EACH
613-42300	Light Standard Steel (Furnish Only)	Furn Light Std Steel	EACH
613-43300	Light Standard Timber (Furnish Only)	Furn Light Std Timber	EACH
613-44350	Light Standard Metal (Furnish Only)	Furn Light Std Metal	EACH
613-45000	High Mast Foundation	Hi Mast Foundation	EACH
613-50010	Photoelectric Cell	Photoel Cell	EACH
613-50050	Portable Power Unit	Port Power Unit	EACH
613-50060	Portable Power Generator	Port Power Generator	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-50100	Lighting Control Center	Lighting Ctrl Center	EACH
613-50102	Lighting Control Center (Install Only)	Inst Lighting Ctrl Center	EACH
613-50105	Lighting Control Center (Pedestal Only)	Lighting Ctrl Center (Pedestal Only)	EACH
613-50106	Lighting Control Center (Special)	Light Cont Center (Spec)	EACH
613-50107	Lighting Control Center (HVAC)	Lighting Control Center (HVAC)	EACH
613-50108	Lighting Control Center (HVAC and Skirt)	Lighting Control Center (HVAC and Skirt)	EACH
613-50109	Meter Power Pedestal	Meter Power Pedestal	EACH
613-50110	Lighting Fixture (Fluorescent) (Type A Tunnel Luminaire)	Lighting Fixture (Flor) (Ty A Tun Lumin)	EACH
613-50125	Control Center Box	Ctrl Center Box	EACH
613-50127	Local Control Station	Local Control Station	EACH
613-50130	4-Plex Receptacle (With Back Box and Cover)	4-Plex Rcptl (W/Back Box & Cover)	EACH
613-50132	2-Plex Receptacle (With Box and Cover)	2-Plex Recept. (W/Box & Cover)	EACH
613-50150	Secondary Service Pedestal	Secondary Serv Pedestal	EACH
613-50155	Secondary Service Pedestal (Install Only)	Inst Secondary Serv Pedestal	EACH
613-50200	Lighting System	Lighting System	EACH
613-50202	Monument Lighting	Monument Lighting	EACH
613-50210	Temporary Lighting	Temporary Lighting	L S
613-50225	Interior Lighting (Concrete Box Girder)	Interior Lighting (Conc Box)	EACH
613-50250	Interior Lighting (Steel Box Girder)	Interior Lighting (Steel Box)	EACH
613-50300	Tunnel Lighting System	Tunnel Lighting System	L S
613-50325	Tunnel Lighting Control System	Tunnel Lighting Control System	L S
613-50350	Power Transformer	Power Transformer	L S
613-50351	Power Transformer (10KVA,480V-120/240V 1Ph)	PowerTransformer(10KVA,480-120/240V1Ph)	EACH
613-50357	Power Transformer (150KVA,480-2400V,3 Phase)	Power Transformer (150KVA,480-2400V,3Ph)	EACH
613-50359	Power Transformer (150KVA,2400-480V,3 Phase)	Power Transformer (150KVA,2400-480V,3Ph)	EACH
613-50362	Power Transformer (300KVA,480-2400V,3 Phase)	Power Transformer (300KVA,480-2400V,3Ph)	EACH
613-50365	Transformer Base	Transformer Base	EACH
613-50375	Solar Collection System	Solar Collection System	EACH
613-50400	Light Standard Timber (Temporary)	Light Std Timber (Temp)	EACH
613-50410	Light Standard (Temporary)	Light Std (Temp)	EACH
613-60500	Underground Repair	Underground Rep	EACH
613-60600	Lighting Repair	Lighting Repair	HOUR
613-60700	Troubleshooting	Troubleshooting	HOUR
613-60800	Locate Utilities	Locate Utilities	HOUR
613-70255	Fuses	Fus	EACH
613-70260	Fuse Holder	Fus Holder	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-70400	Luminaire High Pressure Sodium (400 Watt)	Lumin HPS (400 W)	EACH
613-70401	Luminaire High Pressure Sodium (400 Watt) (Install Only)	Inst Lumin HPS (400 W)	EACH
613-70403	Luminaire High Pressure Sodium (400 Watt) (Special)	Lumin HPS (400 W) (Spec)	EACH
613-71000	Luminaire High Pressure Sodium (1000 Watt)	Lumin HPS (1000 W)	EACH
613-72000	Electrical Conduit Body (Type LB)	Elec Cond Body (Ty LB)	EACH
613-74000	Light Mast Arm	Light Mast Arm	EACH
613-75175	Luminaire Metal Halide (175 Watt)	Lumin Metal Halide (175 W)	EACH
613-80002	Circuit Breaker (20A, 1 Pole)	Circuit Breaker (20A, 1 Pole)	EACH
613-80004	Circuit Breaker (40A, 2 Pole)	Circuit Breaker (40A, 2 Pole)	EACH
613-80005	Circuit Breaker (50A, 3 Pole)	Circuit Breaker (50A, 3 Pole)	EACH
613-80007	Circuit Breaker (70A, 2 Pole)	Circuit Breaker (70A, 2 Pole)	EACH
613-80008	Circuit Breaker (80A, 2 Pole)	Circuit Breaker (80A, 2 Pole)	EACH
613-80010	Ballast Unit	Ballast Un	EACH
613-80012	Circuit Breaker (100A, 2 Pole)	Circuit Breaker (100A, 2 Pole)	EACH
613-80013	Circuit Breaker (100A, 3 Pole)	Circuit Breaker (100A, 3 Pole)	EACH
613-80015	Circuit Breaker (150A, 3 Pole)	Circuit Breaker (150A, 3 Pole)	EACH
613-80022	Circuit Breaker (225A, 3 Pole)	Circuit Breaker (225A, 3 Pole)	EACH
613-80040	Circuit Breaker (400A, 3 Pole)	Circuit Breaker (400A, 3 Pole)	EACH
613-80045	Circuit Breaker (450A, 3 Pole)	Circ Breaker (450A, 3 Pole)	EACH
613-80100	Circuit Breaker (100A, 3 Pole)	Circ Breaker (100A, 3 Pole)	EACH
613-80105	Circuit Breaker (30A, 2 Pole)	Circ Breaker (30A, 2 Pole)	EACH
613-80120	Circuit Breaker (Retrofit 1200A, 3 Pole)	Circuit Breaker (Retrofit 1200A, 3 Pole)	EACH
613-80124	Load Center (120/240 Volt, 1-Phase, 60 Ampere, 16 Circuit)	Load Center (120/240V,1-Ph, 60A,16 Circ)	EACH
613-80130	Service Meter Cabinet	Service Meter Cabinet	EACH
613-80132	Relay Cabinet	Relay Cabinet	EACH
613-80200	2.4KV Motor Control Center Cubicle	2.4KV Motor Control Center Cubicle	EACH
613-80201	2.4KV Motor Control Center Cubicle (Furnish Only)	Furn 2.4KV Motor Control Center Cubicle	L S
613-80202	2.4KV Motor Control Center Cubicle (Install Only)	Inst 2.4KV Motor Control Center Cubicle	L S
613-80204	480 Volt Motor Control Center	480V Motor Control Center	EACH
613-80250	Automatic Transfer Switch	Automatic Transfer Switch	EACH
613-80268	Step Voltage Regulator	Step Voltage Reg	EACH
613-80270	Medium Voltage Load Interrupter Switch	Medium Voltage Load Interrupter Switch	EACH
613-80272	Regulator Bypass Switch	Reg Bypass Switch	EACH
613-80274	Structure Mounted Disconnect Switch	Struct Mount Disc Switch	EACH
613-80276	Inverter System	Inverter System	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
613-80278	Systems Integration	Systems Integration	L S
613-80290	Storage Battery System	Storage Battery System	L S
613-80300	320 Kilo Ampere Surge Protection Device	320 kA Surge Protection Device	EACH
613-80302	Switchboard	Switchboard	EACH
613-80303	480 Volt Trip Unit Retrofit Kit	480V Trip Unit Retrofit Kit	EACH
613-80304	Active Harmonic Filter (500 A)	Active Harmonic Filter (500 AMP)	EACH
613-80306	Variable Frequency Drive and Enclosure (100 Horse Power)	VFD and Enclosure (100 HP)	EACH
613-80308	Variable Frequency Drive and Enclosure (600 Horse Power)	VFD and Enclosure (600 HP)	EACH
613-80400	Exhaust Fan	Exhaust Fan	EACH
613-81010	Panelboard (100A, 120/208V, 3 Phase, 42 Circuit)	Pnlbrd (100A, 120/208V, 3Ph, 42 Circuit)	EACH
613-81022	Panelboard (225A, 277/480V, 3 Phase)	Panelboard (225A, 277/480V, 3 Ph)	EACH
613-81100	Panelboard (1000A, 277/480V, 3 Phase)	Panelboard (1000A, 277/480V, 3 Ph)	EACH
613-81200	Panelboard (400A, 277/480V, 3 Phase, 4 Wire)	Panelboard (400A, 277/480V, 3 Ph, 4 Wire)	EACH
613-81210	DC Panelboards	DC Panelboards	EACH
613-81500	Panelboard (5KVA Mini Load Center)	Panelboard (5KVA Mini Load Center)	EACH
613-81598	2400V Switchgear	2400V Switchgear	EACH
613-81600	24.9kV Switchgear	24.9kV Switchgear	EACH
613-81602	Temporary Switchgear	Temp Switchgear	EACH
613-81608	1350 Ampere Bus Duct	1350 A Bus Duct	LF
613-81609	Bus Duct (1600 Ampere)	Bus Duct (1600 A)	LF
613-81610	3000 Ampere Bus Duct	3000 A Bus Duct	LF
613-81611	3000 Ampere Bus Duct (Temporary)	3000 A Bus Duct (Temp)	LF
613-81690	Safety Switch	Safety Switch	EACH
613-81699	Safety Switch NEMA 3R, 30 Ampere, 2-pole, 240 Volt	Safe Switch NEMA 3R, 30A, 2-pole, 240 V	EACH
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
613-81710	Safety Switch NEMA 3R, 100 Ampere, 2-pole, 240 Volt	Safety Switch NEMA 3R,100A,2-pole,240V	EACH
613-81715	Safety Switch NEMA 3R, 150 Ampere, 2-pole, 240 Volt	Safety Switch NEMA 3R,150A,2-pole,240V	EACH
613-81720	Safety Switch NEMA 3R, 200 Ampere, 2-pole, 240 Volt	Safety Switch NEMA 3R,200A,2-pole,240V	EACH
613-81800	Branch Circuit Panel (Special)	Branch Circuit Panel (Special)	EACH
613-81900	Mobile Light Tower	Mobile Light Tower	EACH
614-00011	Sign Panel (Class I)	Sign Panel (CL I)	SF
614-00012	Sign Panel (Class II)	Sign Panel (CL II)	SF
614-00013	Sign Panel (Class III)	Sign Panel (CL III)	SF
614-00014	Lighted Street Name Sign (Inst Only)	Lighted Street Name Sign (Inst Only)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-00021	Sign Panel (Class I) (Furnish Only)	Furn Sign Panel (CL I)	SF
614-00025	Sign Panel (Class I) (Install Only)	Inst Sign Panel (CL I)	SF
614-00026	Sign Panel (Class I) (Install Only)	Inst Sign Panel (CL I)	EACH
614-00027	Sign Panel (Class II) (Install Only)	Inst Sign Panel (CL II)	SF
614-00028	Sign Panel (Class III) (Install Only)	Inst Sign Panel (CL III)	SF
614-00029	Sign Panel (Class II) (Install Only)	Inst Sign Panel (CL II)	EACH
614-00030	Sign Panel (Class III) (Install Only)	Inst Sign Panel (CL III)	EACH
614-00035	Sign Panel (Special)	Sign Panel (Spec)	SF
614-00037	Sign Panel (Special)	Sign Panel (Spec)	EACH
614-00040	Signpost (Special)	Signpost (Spec)	LF
614-00041	Signpost (Special)	Signpost (Spec)	EACH
614-00042	Signpost (Install Only)	Inst Signpost	LF
614-00044	Timber Signpost 4x4 Inch	Timber Signpost (4x4 In)	LF
614-00066	Timber Signpost 6x6 Inch	Timber Signpost (6x6 In)	LF
614-00200	Steel Signpost (U-2)	Steel Signpost (U-2)	LF
614-00214	Steel Signpost (1.75x1.75 Inch Tubing)	Steel Signpost (1.75x1.75 In T)	LF
614-00216	Steel Signpost (2x2 Inch Tubing)	Steel Signpost (2x2 In T)	LF
614-00218	Steel Signpost (2.25x2.25 Inch Tubing)	Steel Signpost (2.25x2.25 In T)	LF
614-00220	Steel Signpost (2.5x2.5 Inch Tubing)	Steel Signpost (2.5x2.5 In T)	LF
614-00222	Steel Signpost (2.75x 2.75 Inch Tubing)	Steel Signpost (2.75x2.75 In T)	LF
614-00224	Steel Signpost (3x3 Inch Tubing)	Steel Signpost (3x3 In T)	LF
614-00357	Steel Signpost (S 3x5.7)	Steel Signpost (S 3x5.7)	LF
614-00375	Steel Signpost (S 3x7.5)	Steel Signpost (S 3x7.5)	LF
614-00477	Steel Signpost (S 4x7.7)	Steel Signpost (S 4x7.7)	LF
614-00510	Steel Signpost (S 5x10)	Steel Signpost (S 5x10)	LF
614-00612	Steel Signpost (W 6x12)	Steel Signpost (W 6x12)	LF
614-00615	Steel Signpost (W 6x15)	Steel Signpost (W 6x15)	LF
614-00818	Steel Signpost (W 8x18)	Steel Signpost (W 8x18)	LF
614-00821	Steel Signpost (W 8x21)	Steel Signpost (W 8x21)	LF
614-01022	Steel Signpost (W 10x22)	Steel Signpost (W 10x22)	LF
614-01026	Steel Signpost (W 10x26)	Steel Signpost (W 10x26)	LF
614-01226	Steel Signpost (W 12x26)	Steel Signpost (W 12x26)	LF
614-01400	Steel Stub Base (36 Inch)	Steel Stub Base (36 In)	LF
614-01401	Steel Sign Support Casting	Steel Sign Support Casting	EACH
614-01402	Steel Sign Surface Mount Base Plate (Slipbase)	Steel Sign Surf Mnt Base Plate (Slpbase)	EACH
614-01403	Steel Sign Surface Mount Base Plate	Steel Sign Surface Mount Base Plate	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-01502	Steel Sign Support (2-Inch Round)(Post & Socket)	Steel Sign Supp (2-In Rd)(Po&Sock)	LF
614-01503	Steel Sign Support (2-Inch Round)(Post and Socket)	Steel Sign Supp (2-In Rd)(Po&Sock)	EACH
614-01512	Steel Sign Support (2-Inch Round)(Post)	Steel Sign Support (2-In Rd)(Post)	LF
614-01513	Steel Sign Support (2-Inch Round)(Post)(Install Only)	Steel Sign Supp (2-In Rd)(Post)(Install)	LF
614-01514	Steel Sign Support (2-Inch Round)(Post)(Painted)	Steel Sign Supp (2-In Rd)(Post)(Painted)	LF
614-01522	Steel Sign Support (2-Inch Round)(Socket)	Steel Sign Supp (2-In Rd)(Sock)	EACH
614-01523	Steel Sign Support (2-Inch Round)(Socket)(Install Only)	Steel Sign Supp (2-In Rd)(Sock)(Install)	EACH
614-01554	Steel Signpost (4 Inch Round) (Slipbase)	Steel Signpost (4 In Rd) (Slip)	LF
614-01556	Steel Sign Support (4 Inch Round Schedule 80) (16 Feet - 1.75 Inch)	Steel Sign Supp(4In RndSch80)(16'-1.75")	EACH
614-01558	Steel Sign Support (4 Inch Round Schedule 80) (18 Feet - 4.75 Inch)	Steel Sign Supp(4In RndSch80)(18'-4.75")	EACH
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
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
614-01575	Steel Sign Support (2-1/2 Inch Round NP-40)(Post)	Steel Sign Supp (2-1/2 In Rd NP40)(Po)	LF
614-01576	Steel Sign Support (2-1/2 Inch Round)(NP-40)(Post)(Painted)	SteelSgnSupp(2-1/2InRd)(40)(Post)(Paint)	LF
614-01578	Steel Sign Support (2-1/2 Inch Round NP-40)(Slipbase)	Steel Sign Supp (2-1/2 In Rd NP40)(Slip)	EACH
614-01582	Steel Sign Support (2-1/2 Inch Round)(Post and Slipbase)	Steel Sign Supp (2-1/2 In Rd)(Po&Slip)	LF
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
614-01585	Steel Sign Support (2-1/2 Inch Round Sch 80) (Post)	Steel Sign Supp (2-1/2 In Rd 80)(Post)	LF
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
614-01587	Steel Sign Support (2-1/2 Inch Round)(Schedule 80)(Post)(Painted)	SteelSgnSupp(2-1/2InRd)(80)(Post)(Paint)	LF
614-01588	Steel Sign Support (2-1/2 Inch Round Sch 80)(Slipbase)	Steel Sign Supp (2-1/2 In Rd 80)(Slip)	EACH
614-01589	Steel Sign Supp (2-1/2 In Rd Sch 80) (Slip) (Install Only)	Steel Sign Supp (2.5 In Rd Sch 80)(Ins)	EACH
614-01736	Steel Sign Ground Stub Base (36 Inch)	Steel Sign Ground Stub Base (36 In)	EACH
614-03001	Concrete Footing (Type 1)	Conc Footing (Ty 1)	EACH
614-03002	Concrete Footing (Type 2)	Conc Footing (Ty 2)	EACH
614-03003	Concrete Footing (Type 3)	Conc Footing (Ty 3)	EACH
614-03004	Concrete Footing (Type 4)	Conc Footing (Ty 4)	EACH
614-03005	Concrete Footing (Type 5)	Conc Footing (Ty 5)	EACH
614-03006	Concrete Footing (Type 6)	Conc Footing (Ty 6)	EACH
614-03007	Concrete Footing (Type 7)	Conc Footing (Ty 7)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-03100	Concrete Footing (Traffic Signal Pole)	Conc Footing (Sig Pole)	EACH
614-07000	Mask Sign Legend	Mask Sign Legend	EACH
614-07100	Modification of Sign Legend	Mod Sign Legend	L S
614-07105	Modification of Sign Legend	Mod Sign Legend	EACH
614-07125	Modification of Steel Signpost	Mod Steel Signpost	EACH
614-10015	Overpass Mounted Sign Bracket	Overpass Mtd Sign Bracket	EACH
614-10030	Paint Overhead Sign Structure	Paint Overhead Sign Str	EACH
614-10035	Paint Ground Sign	Paint Ground Sign	EACH
614-10050	Modification of Overhead Sign Structure	Mod Overhead Sign Str	EACH
614-10080	Modification of Overpass Mounted Sign Bracket	Mod Overpass Sign Bracket	EACH
614-10100	Sign Bridge Structure (Install Only)	Inst Sign Brdg Str	EACH
614-10110	LED Warning Sign System (_Signs)	LED Warning Sign System (_Signs)	EACH
614-10113	Dynamic Message Sign (Color LED)(Overhead)(Furnish Only)	Dyn Mesg Sign (Color LED)(O/H)(Furnish)	EACH
614-10114	Dynamic Message Sign (Color LED)(Overhead)(Install Only)	Dyn Mesg Sign (Color LED)(O/H)(Install)	EACH
614-10115	Dynamic Message Sign (Color LED)(Overhead)	Dyn Mesg Sign (Color LED)(O/H)	EACH
614-10116	Dynamic Message Sign Controller	Dyn Msg Sign Ctrl	EACH
614-10117	Dynamic Message Sign Equipment Cabinet (Type 1)	Dyn Msg Sign Equip Cab (Ty 1)	EACH
614-10118	Dynamic Message Sign Equipment Cabinet (Type 2)	Dyn Msg Sign Equip Cab (Ty 2)	EACH
614-10119	Scroll Sign	Scroll Sign	EACH
614-10120	Variable Message Sign	Var Mesg Sign	EACH
614-10121	Travel Time Module	Travel Time Module	EACH
614-10122	Portable Message Sign Panel (Special)	Port Mesg Sign Panel (Spec)	EACH
614-10123	Variable Message Sign (Install Only)	Inst Var Mesg Sign	EACH
614-10124	Variable Message Sign (Furnish Only)	Furn Var Mesg Sign	EACH
614-10125	Variable Message Sign (Ground Mounted)	Var Mesg Sign (Grnd Mtd)	EACH
614-10126	Variable Message Sign (Fiber Optic)	Var Mesg Sign (Fib Opt)	EACH
614-10127	Variable Speed Limit Sign	Var Speed Limit Sign	EACH
614-10128	Blank Out Sign (Fiber Optic)	Blank Out Sign (Fib Opt)	EACH
614-10129	Blank Out Sign (Fiber Optic) (Variable Speed Limit)	Blank Out Sign (Fib Opt) (VSL)	EACH
614-10130	Illuminated Sign	Illuminated Sign	EACH
614-10131	Variable Speed Limit Sign (Furnish Only)	Var Speed Limit Sign (Furnish Only)	EACH
614-10132	Variable Speed Limit Sign (Install Only)	Var Speed Limit Sign (Install Only)	EACH
614-10133	Variable Message Sign (LED)(Overhead)(Furnish Only)	Var Mesg Sign (LED)(O/H)(Furnish)	EACH
614-10134	Variable Message Sign (LED)(Overhead)(Install Only)	Var Mesg Sign (LED)(O/H)(Install)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-10135	LED Variable Message Sign System	LED VMS System	EACH
614-10137	Film Module Variable Speed Limit Sign	Film Mod VSL Sign	EACH
614-10138	Full Matrix Variable Message Sign LED (Ground Mounted)	FM VMS LED (Grnd Mtd)	EACH
614-10139	Radar Speed Display Sign (LED)	Radar Speed Disp Sgn (LED)	EACH
614-10140	Variable Message Sign LED (Double Faced)	VMS LED (Double Faced)	EACH
614-10141	Variable Message Sign LED (Double Faced)(Furnish Only)	VMS LED (Double Faced)(Furn)	EACH
614-10142	Public Information Display	Public Info Display	EACH
614-10143	Lane Use Control Signal (LED) (Single-Faced) (Furnish Only)	Lane Use Cntrl Sgnl(LED)(Single)(Furnish	EACH
614-10144	Lane Use Control Signal (LED) (Single-Faced) (Install Only)	Lane Use Cntrl Sgnl(LED)(Single)(Install	EACH
614-10145	Variable Message Sign LED (Single Faced)	VMS LED (Single Faced)	EACH
614-10146	Variable Message Sign (LED) (Ground Mounted)	VMS (LED) (Ground Mounted)	EACH
614-10147	Variable Message Sign LED (Overhead)	VMS LED (Overhead)	EACH
614-10148	Variable Message Sign LED (Speed Radar)	VMS LED (Speed Radar)	EACH
614-10149	Variable Message Sign (LED) (Warranty)	VMS (LED) (Warranty)	EACH
614-10150	12 Inch LED (Ball)	12 In LED (Ball)	EACH
614-10151	12 Inch LED (Ball) (Green)	12 In LED (Ball) (Green)	EACH
614-10152	12 Inch LED (Ball) (Red)	12 In LED (Ball) (Red)	EACH
614-10153	12 Inch LED (Ball) (Yellow)	12 In LED (Ball) (Yellow)	EACH
614-10154	12 Inch Heated LED (Ball)(Red)	12 In Heated LED (Ball)(Red)	EACH
614-10155	12 Inch LED (Arrow)	12 In LED (Arr)	EACH
614-10156	12 Inch LED (Arrow) (Green)	12 In LED (Arr) (Green)	EACH
614-10157	12 Inch LED (Arrow) (Red)	12 In LED (Arr) (Red)	EACH
614-10158	12 Inch LED (Arrow) (Yellow)	12 In LED (Arr) (Yellow)	EACH
614-10160	Signal Head Backplates	Sig Head B-Plates	EACH
614-10161	Signal Head B-Plates (Install Only)	Signal Head B-Plates (Install Only)	EACH
614-10162	8 Inch LED (Ball)	8 In LED (Ball)	EACH
614-10163	8 Inch LED (Ball) (Green)	8 In LED (Ball) (Green)	EACH
614-10164	8 Inch LED (Ball) (Red)	8 In LED (Ball) (Red)	EACH
614-10165	8 Inch LED (Ball) (Yellow)	8 In LED (Ball) (Yellow)	EACH
614-10166	8 Inch LED (Arrow)	8 In LED (Arr)	EACH
614-10167	8 Inch LED (Arrow) (Green)	8 In LED (Arr) (Green)	EACH
614-10168	8 Inch LED (Arrow) (Red)	8 In LED (Arr) (Red)	EACH
614-10169	8 Inch LED (Arrow) (Yellow)	8 In LED (Arr) (Yellow)	EACH
614-10170	Traffic Signal Head Visors	Traffic Signal Head Visors	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-10240	Lane Use Control Signal LED (Double Faced)	LUS LED (Double Faced)	EACH
614-10242	Lane Use Control Signal LED (Double Faced) (Furnish Only)	LUS LED (Double Faced) (Furn)	EACH
614-10245	Lane Use Control Signal LED (Single Faced)	LUS LED (Single Faced)	EACH
614-10246	Lane Use Control Signal LED (Single Faced) (Install Only)	Inst LUS LED (Single Faced)	EACH
614-10250	LED In-Pavement Marking Unit	LED In-Pvmt Mkg Unit	EACH
614-10260	LED Master Controller	LED Master Controller	EACH
614-10280	Adaptive Traffic Signal System	Adapt Traff Sig System	L S
614-10300	VMS/LUS Management Software	VMS/LUS Management Software	L S
614-10310	Traffic Management Software	TMS Software	L S
614-10320	System Integration and Testing	System Integration and Testing	L S
614-10350	VMS Mounting Support and Wiring (Double Faced)	VMS Montig Sprt & Wiring (D Faced)	EACH
614-10351	VMS Mounting Support and Wiring (Double Faced)(Furnish Only)	VMS Montig Sprt & Wiring (D Faced)(Furn)	EACH
614-10355	LUS Mounting Support and Wiring (Single Faced)	LUS Montig Sprt & Wiring(Single Faced)	EACH
614-10360	LUS Mounting Support and Wiring (Double Faced)	LUS Montig Sprt & Wiring (D Faced)	EACH
614-10370	VMS & LUS Mounting Support and Wiring (Single Faced)	VMS & LUS Montig Sprt & Wiring (S Faced)	EACH
614-10400	Sign Bridge (Special)	Sign Brdg (Spec)	EACH
614-20862	VMS Support (Ground Mounted) (8.625 Inch Diameter)	VMS Support (Grnd Mtd) (8.625 In)	EACH
614-21275	VMS Support (Ground Mounted) (12.75 Inch Diameter)	VMS Support (Grnd Mtd) (12.75 In)	EACH
614-21400	VMS Support (Ground Mounted) (14 Inch Diameter)	VMS Support (Grnd Mtd) (14 In)	EACH
614-21600	VMS Support (Ground Mounted) (16 Inch Diameter)	VMS Support (Grnd Mtd) (16 In)	EACH
614-30010	Steel Spacetruss System	Steel Spacetruss System	L S
614-30110	Butterfly Structure	Btrfly Str	EACH
614-30200	VMS Butterfly Support (Median)	VMS Butterfly Support (Median)	EACH
614-30205	VMS Butterfly Support (Roadside)	VMS Butterfly Support (Roadside)	EACH
614-31275	Monotube Overhead Sign Cantilever (12.75 Inch Diameter)	Monotube Overhead Sign Cant(12.75In Dia)	EACH
614-31400	Monotube Overhead Sign Cantilever (14 Inch Diameter)	Monotube Overhead Sign Cant (14 In Dia)	EACH
614-31600	Monotube Overhead Sign Cantilever (16 Inch Diameter)	Monotube Overhead Sign Cant (16 In Dia)	EACH
614-31800	Monotube Overhead Sign Cantilever (18 Inch Diameter)	Monotube Overhead Sign Cant (18 In Dia)	EACH
614-32000	Monotube Overhead Sign Cantilever (20 Inch Diameter)	Monotube Overhead Sign Cant (20 In Dia)	EACH
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	Monotube Overhead Sign Cant (24 In Dia)	EACH
614-32900	Monotube Overhead Sign Cantilever (Install Only)	Inst Monotube Overhead Sign Cant	EACH
614-32901	Monotube Overhead Sign Cantilever (Furnish Only)	Monotube O/H Sign Cant (Furnish Only)	EACH
614-33000	Monotube Overhead Sign Cantilever (30 Inch Diameter)	Monotube Overhead Sign Cant (30 In Dia)	EACH
614-33600	Monotube Overhead Sign Cantilever (36 Inch Diameter)	Monotube Overhead Sign Cantilever(36 In)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-40240	Monotube Overhead Sign Bridge with Cantilever (24 Inch Diameter)	Mono Over Sign Brdg w/ Cant (24 In Dia)	EACH
614-40360	Monotube Overhead Sign Bridge with Cantiliver (36 Inch Diameter)	Mono Over Sign Brdg w/ Cant (36 In Dia)	EACH
614-41275	Monotube Overhead Sign Bridge (12.75 Inch Diameter)	Monotube Overhead Sign Brdg(12.75In Dia)	EACH
614-41400	Monotube Overhead Sign Bridge (14 Inch Diameter)	Monotube Overhead Sign Brdg (14 In Dia)	EACH
614-41600	Monotube Overhead Sign Bridge (16 Inch Diameter)	Monotube Overhead Sign Brdg (16 In Dia)	EACH
614-41800	Monotube Overhead Sign Bridge (18 Inch Diameter)	Monotube Overhead Sign Brdg (18 In Dia)	EACH
614-42000	Monotube Overhead Sign Bridge (20 Inch Diameter)	Monotube Overhead Sign Brdg (20 In Dia)	EACH
614-42400	Monotube Overhead Sign Bridge (24 Inch Diameter)	Monotube Overhead Sign Brdg (24 In Dia)	EACH
614-42500	Monotube Overhead Sign Bridge (Install Only)	Monotube Overhead Sign Brdg (Inst Only)	EACH
614-43000	Monotube Overhead Sign Bridge (30 Inch Diameter)	Monotube Overhead Sign Brdg (30 In Dia)	EACH
614-43600	Monotube Overhead Sign Bridge (36 Inch Diameter)	Monotube Overhead Sign Brdg (36 In Dia)	EACH
614-50000	Truck Tip-Over Warning System	Truck Tip-Over Warning System	EACH
614-50010	Downhill Truck Speed Advisory System	DTSAS	EACH
614-70000	Programmable Traffic Signal Face	Prog Traf Sig Face	EACH
614-70010	Modification of Signal Face	Mod Sig Face	EACH
614-70020	Optical Unit Retrofit Kit	Opt Unit Retrofit Kit	EACH
614-70021	Optical Unit Retrofit Kit(Install Only)	Optical Unit Retrofit Kit(Install Only)	EACH
614-70022	Optical Unit Retrofit Kit (Special)	Opt Unit Retrofit Kit (Spec)	EACH
614-70024	1310nm SFP Optic Module	1310nm SFP Optic Module	EACH
614-70026	CWDM Multiplexor Demultiplexor Module	CWDM Multiplexor Demultiplexor Module	EACH
614-70028	CWDM SFP Optic Module	CWDM SFP Optic Module	EACH
614-70030	Optical Attenuator	Optical Attenuator	EACH
614-70032	Optical Filter	Optical Filter	EACH
614-70112	Traffic Signal Face (12)	Traf Sig Face (12)	EACH
614-70113	Pedestrian Signal Face (12)	Ped Sig Face (12)	EACH
614-70116	Pedestrian Signal Face (16-16)	Ped Sig Face (16-16)	EACH
614-70117	Pedestrian Signal Face (16)	Ped Sig Face (16)	EACH
614-70118	Pedestrian Signal Face (18)	Ped Sig Face (18)	EACH
614-70126	Pedestrian Signal Face (16-16)(LED Replacement)	Ped Sig Face (16-16)(LED Repl)	EACH
614-70150	Pedestrian Signal Face (16) (Countdown)	Ped Sig Face (16) (Countdown)	EACH
614-70200	Accessible Pedestrian Signal	Access Ped Sig	EACH
614-70216	Traffic Signal Face (8-8)	Traf Sig Face (8-8)	EACH
614-70224	Pedestrian Signal Face (12-12)	Ped Sig Face (12-12)	EACH
614-70225	Traffic Signal Face (12-12)	Traf Sig Face (12-12)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-70250	Pedestrian Signal Face (16)(Countdown)(LED Replacement)	Ped Sig Face (16)(Countdown)(LED Repl)	EACH
614-70324	Traffic Signal Face (8-8-8)	Traf Sig Face (8-8-8)	EACH
614-70328	Traffic Signal Face (12-8-8)	Traf Sig Face (12-8-8)	EACH
614-70336	Traffic Signal Face (12-12-12)	Traf Sig Face (12-12-12)	EACH
614-70337	Traffic Signal Face (12-12-12) (Install Only)	Traf Sig Face (12-12-12) (Inst Only)	EACH
614-70432	Traffic Signal Face (8-8-8-8)	Traf Sig Face (8-8-8-8)	EACH
614-70448	Traffic Signal Face (12-12-12-12)	Traf Sig Face (12-12-12-12)	EACH
614-70450	Traffic Signal Face (12-12-12-12)(Install Only)	Traf Sig Face (12-12-12-12)(Instal Only)	EACH
614-70548	Traffic Signal Face (8-8-8-12-12)	Traf Sig Face (8-8-8-12-12)	EACH
614-70560	Traffic Signal Face (12-12-12-12-12)	Traf Sig Face (12-12-12-12-12)	EACH
614-70565	Traffic Signal Face (12-12-12-12-12-12)	Traf Sig Face (12-12-12-12-12-12)	EACH
614-72430	Traffic Signal (24 Inch x 30 Inch Blankout LED Sign)	Traf Sig (24x30 LED Sign)	EACH
614-72480	Traffic Signal (36 Inch X 40 Inch Blankout LED Sign)	Traf Sig (36x40 LED Sign)	EACH
614-72606	Traffic Signal (60 Inch X 60 Inch Blankout LED Sign)	Traf Sig (60x60 LED Sign)	EACH
614-72740	Blank Out Sign(LED)(Single Faced)	Blank Out Sign(LED)(Sing Fac)	EACH
614-72741	Blank Out Sign (LED)(SPEED RADAR)	Blank Out Sign (LED)(SPD RDR)	EACH
614-72745	Blank Out Sign Mounting Support & Wiring	Blank Out Sign Mntig Support & Wiring	EACH
614-72748	Traffic Signal (48 Inch X 48 Inch Blank Out Sign)	Traf Sig (48x48 Blank Out Sign)	EACH
614-72760	Traffic Signal (60 Inch X 60 Inch Blank Out Sign)	Traf Sig (60x60 Blank Out Sign)	EACH
614-72765	Traffic Signal (24 Inch x 24 Inch Blank Out LED Sign)	Traf Sig (24x24 Blank Out LED Sign)	EACH
614-72804	Overheight Vehicle Warning Siren	Overheight Veh Warn Siren	EACH
614-72806	Overheight Vehicle Detector (LIDAR)	Overheight Veh Det (LIDAR)	EACH
614-72828	Communications Cabinet (Furnish Only)	Communications Cabinet (Furnish Only)	EACH
614-72829	Communications Cabinet (Install Only)	Communications Cabinet (Install Only)	EACH
614-72830	Communications Cabinet	Communications Cabinet	EACH
614-72831	Communications Cabinet (Type 1)	Comm Cabinet (Type 1)	EACH
614-72832	Communications Cabinet (Type 2)	Comm Cabinet (Type 2)	EACH
614-72833	Communications Cabinet (Type 2) (Furnish Only)	Communications Cab (Type 2) (Furnish)	EACH
614-72834	Communications Cabinet (Type 2) (Install Only)	Comm Cabinet (Type 2)(Install Only)	EACH
614-72835	Custom Phone Cabinet Blank Cover	Custom Phone Cab Blank Cover	EACH
614-72836	Conflict Monitor	Conflict Monitor	EACH
614-72845	Overheight Vehicle Detection System Controller	Overheight Veh Det Sys Controller	EACH
614-72854	Traffic Controller Cabinet	Traf Ctrl Cabinet	EACH
614-72855	Traffic Signal Controller Cabinet	Traf Sig Ctrl Cabinet	EACH
614-72856	Recessed Control Cabinet	Recessed Ctrl Cabinet	EACH



Master Item Code Book - Spec Year 05

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



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-72895	Vehicle Detection System (Single Camera)	Vehicle Detect Sys (Single Camera)	EACH
614-72896	Intersection Detection System (Camera)(Install Only)	Inst Intersect Detect Sys (Camera)	EACH
614-72897	Signal Cable (Install Only)	Signal Cable (Install Only)	LF
614-72900	Wireless Magnetometer Vehicle Detection system	WL Magnet Vehicle Det Sys	EACH
614-72904	Microwave Vehicle Radar Detector (Furnish Only)	Microwave Veh Radar Detect (Furnish Only)	EACH
614-73000	Piezo (Electric) (CL I) (11 Foot)	Piezo (Elec) (CL I) (11 Ft)	EACH
614-73005	Piezo (Electric) (Class II)	Piezo (Elec)(CL II)	EACH
614-73010	Piezo Electric Tube, Class 2 (Install Only)	Inst Piezo Elec Tube, CL 2	EACH
614-75200	Programmable Traffic Signal Face (Install Only)	Inst Prog Traf Sig Face	EACH
614-75216	Pedestrian Signal Face (16) (Install Only)	Inst Ped Sig Face (16)	EACH
614-75219	Pedestrian Signal Face (18) (Countdown) (Install Only)	Inst Ped Sig Face (18) (Countdown)	EACH
614-75225	Traffic Signal Face (12-12) (Install Only)	Inst Traf Sig Face (12-12)	EACH
614-75226	Traffic Signal Face (12) (Install Only)	Inst Traf Sig Face (12)	EACH
614-75324	Traffic Signal Face (8-8-8) (Install Only)	Inst Traf Sig Face (8-8-8)	EACH
614-75332	Pedestrian Signal Face (16-16) (Install Only)	Inst Ped Sig Face (16-16)	EACH
614-75336	Traffic Signal Face (12-12-12) (Install Only)	Inst Traf Sig Face (12-12-12)	EACH
614-75560	Traffic Signal Face (12-12-12-12-12) (Install Only)	Inst Traf Sig Face (12-12-12-12-12)	EACH
614-75840	Traffic Signal Controller (Install Only)	Inst Traf Sig Ctrler	EACH
614-75841	Traffic Signal Controller (Type 170) (Install Only)	Inst Traf Sig Ctrler (Ty 170)	EACH
614-75848	Traffic Signal Controller and Cabinet (Install Only)	Inst Traf Sig Ctrler + Cab	EACH
614-75855	Traffic Signal Controller Cabinet (Install Only)	Inst Traf Sig Ctrler Cab	EACH
614-75860	Pedestrian Push Button (Install Only)	Inst Ped Push Button	EACH
614-75867	Railroad Preemption Unit (Install Only)	Inst RR Preempt Unit	EACH
614-75870	Coordination Unit (Install Only)	Inst Coordination Unit	EACH
614-75875	Loop Detector Wire (Install Only)	Inst Loop Detect Wire	LF
614-75877	Loop Detector Wire Prefabricated (Special) (Install Only)	Inst Prefab Loop Detect (Spec)	LF
614-75880	Traffic Signal Vehicle Detector Amplifier (Loop Type) (Install Only)	Inst Detect Amp (Loop)	EACH
614-75881	Traffic Signal Detector Amplifier (Loop Type) (Install Only)	Inst Traf Sig Detect Amp (Loop)	EACH
614-75882	Traffic Signal Vehicle Detector (Magnetic Type) (Install Only)	Inst Sig Veh Detect (Magnetic)	EACH
614-75883	Traffic Signal Detector (Micro Type) (Install Only)	Inst Traf Sig Detect (Micro)	EACH
614-75890	Span Wire Cable (Install Only)	Inst Span Wire Cable	LF
614-75891	Telephone Interconnect Wire (Install Only)	Inst Tele Intercon Wire	LF
614-75892	Power Feed Wire (Install Only)	Inst Pwr Feed Wire	LF
614-79217	Pedestrian Signal Face (16) (Furnish Only)	Furn Ped Sig Face (16)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-79328	Traffic Signal Face (12-8-8) (Furnish Only)	Furn Traf Sig Face (12-8-8)	EACH
614-79332	Pedestrian Signal Face (16-16) (Furnish Only)	Furn Ped Sig Face (16-16)	EACH
614-79336	Traffic Signal Face (12-12-12) (Furnish Only)	Furn Traf Sig Face (12-12-12)	EACH
614-79560	Traffic Signal Face (12-12-12-12-12) (Furnish Only)	Furn Traf Sig Face (12-12-12-12-12)	EACH
614-79840	Traffic Signal Controller (Furnish Only)	Furn Traf Sig Ctrler	EACH
614-79855	Traffic Signal Controller Cabinet (Furnish Only)	Furn Traf Sig Ctrler Cab	EACH
614-79858	Pedestal Pole (3 Foot 6 Inch) (Furnish Only)	Furn Ped Pole (3.5 In)	EACH
614-79860	Pedestrian Push Button (Furnish Only)	Furn Ped Push Button	EACH
614-79870	Coordination Unit (Furnish Only)	Furn Coordination Unit	EACH
614-79875	Loop Detector Wire (Furnish Only)	Furn Loop Detect Wire	LF
614-79876	Loop Detector Wire (Prefabricated) (Special) (Furnish Only)	Furn Loop Detect Wire (Prefab) (Spec)	LF
614-79878	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel) (Furnish Only)	Furn Detect Amp (Loop) (4)	EACH
614-79879	Signal Cable (Furnish Only)	Furn Sig Cable	LF
614-79880	Traffic Signal Vehicle Detector Amplifier (Loop Type) (Furnish Only)	Furn Detect Amp (Loop)	EACH
614-79882	Traffic Signal Vehicle Detector (Magnetic Type) (Furnish Only)	Furn Detect (Magnetic)	EACH
614-79885	Traffic Signal Vehicle Detector (Micro Type) (Furnish Only)	Furn Detect (Micro)	EACH
614-79886	Intersection Detection System (Camera) (Furnish Only)	Furn Int Detect Sys (Camera)	EACH
614-79890	Span Wire Cable (Furnish Only)	Furn Span Wire Cable	LF
614-79891	Telephone Interconnect Wire (Furnish Only)	Furn Tele Intercon Wire	LF
614-79892	Power Feed Wire (Furnish Only)	Furn Pwr Feed Wire	LF
614-79896	Controller Interface Unit (Furnish Only)	Furn Ctrler Interface	EACH
614-80000	Flashing Beacon	Flash Beacon	EACH
614-80001	Flashing Beacon (Solar Powered)	Flash Beacon (Solar Pwred)	EACH
614-80002	Flashing Beacon (Install Only)	Inst Flash Beacon	EACH
614-80003	Rectangular Rapid Flashing Beacon	Rect Rapid Flash Beacon	EACH
614-80004	Flashing Beacon (Special)	Flash Beacon (Spec)	EACH
614-80006	Surface Condition Analyzer	Surface Condition Analyzer	EACH
614-80009	Surface Condition Analyzer (Furnish Only)	Furn Surface Condition Analyzer	EACH
614-80010	Travel Time Indicator	Travel Time Indicator	EACH
614-80020	Travel Time Indicator (Install Only)	Travel Time Indicator (Install)	EACH
614-80311	Barricade (Type 3 F-A)	Barricade (Ty 3 F-A)	EACH
614-80312	Barricade (Type 3 F-B)	Barricade (Ty 3 F-B)	EACH
614-80313	Barricade (Type 3 F-C)	Barricade (Ty 3 F-C)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-80314	Barricade (Type 3 F-D)	Barricade (Ty 3 F-D)	EACH
614-80321	Barricade (Type 3 M-A)	Barricade (Ty 3 M-A)	EACH
614-80322	Barricade (Type 3 M-B)	Barricade (Ty 3 M-B)	EACH
614-80323	Barricade (Type 3 M-C)	Barricade (Ty 3 M-C)	EACH
614-80324	Barricade (Type 3 M-D)	Barricade (Ty 3 M-D)	EACH
614-80385	Rumble Strip	Rumble Strip	LF
614-80386	Rumble Strip (Special)	Rumble Strip (Spec)	LF
614-80387	Rumble Strip (Grinding)	Rumble Strip (Grind)	LF
614-80390	Rumble Strip (Grinding)(Asphalt)(Sinusoidal)	Rumble Strip (Grinding)(Asphalt)(Sin)	LF
614-80391	Rumble Strip (Grinding)(Asphalt)	Rumble Strip (Grind)(Asphalt)	LF
614-80392	Rumble Strip (Grinding)(Concrete)	Rumble Strip (Grind)(Conc)	LF
614-81000	Traffic Signal-Light Pole Steel	Sig-Light Pole Steel	EACH
614-81005	Traffic Signal-Light Pole Steel (Furnish Only)	Furn Sig-Light Pole Steel	EACH
614-81010	Traffic Signal-Light Pole Steel (1 Mast Arm)	Sig-Light Pole Steel (1)	EACH
614-81011	Traffic Signal-Light Pole Steel (1 Mast Arm) (Install Only)	Inst Sig-Light Pole Steel (1)	EACH
614-81012	Traffic Signal-Light Pole Steel (2 Mast Arm) (Install Only)	Inst Sig-Light Pole Steel (2)	EACH
614-81020	Traffic Signal-Light Pole Steel (2 Mast Arm)	Sig-Light Pole Steel (2)	EACH
614-81115	Traffic Signal Light Pole Steel (1-15 Foot Mast Arm)	Sig-Light Pole Steel (1-15 Ft)	EACH
614-81120	Traffic Signal-Light Pole Steel (1-20 Foot Mast Arm)	Sig-Light Pole Steel (1-20 Ft)	EACH
614-81125	Traffic Signal-Light Pole Steel (1-25 Foot Mast Arm)	Sig-Light Pole Steel (1-25 Ft)	EACH
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	Sig-Light Pole Steel (1-30 Ft)	EACH
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	Sig-Light Pole Steel (1-35 Ft)	EACH
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	Sig-Light Pole Steel (1-40 Ft)	EACH
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	Sig-Light Pole Steel (1-45 Ft)	EACH
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	Sig-Light Pole Steel (1-50 Ft)	EACH
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	Sig-Light Pole Steel (1-55 Ft)	EACH
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	Sig-Light Pole Steel (1-60 Ft)	EACH
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	Sig-Light Pole Steel (1-65 Ft)	EACH
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	Sig-Light Pole Steel (1-70 Ft)	EACH
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	Sig-Light Pole Steel (1-75 Ft)	EACH
614-81220	Traffic Signal-Light Pole Steel (2-20 Foot Mast Arm)	Sig-Light Pole Steel (2-20 Ft)	EACH
614-81230	Traffic Signal-Light Pole Steel (2-30 Foot Mast Arm)	Sig-Light Pole Steel (2-30 Ft)	EACH
614-81240	Traffic Signal-Light Pole Steel (2-40 Foot Mast Arm)	Sig-Light Pole Steel (2-40 Ft)	EACH
614-81250	Traffic Signal-Light Pole Steel (2-50 Foot Mast Arm)	Sig-Light Pole Steel (2-50 Ft)	EACH
614-81255	Traffic Signal Light Pole Steel (2-55 Foot Mast Arm)	Sig-Light Pole Steel (2-55 Ft)	EACH
614-81260	Traffic Signal Light Pole Steel (2-60 Foot Mast Arm)	Sig-Light Pole Steel (2-60 Ft)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-81265	Traffic Signal-Light Pole Steel (2-65 Foot Mast Arm)	Sig-Light Pole Steel (2-65 Ft)	EACH
614-81275	Traffic Signal-Light Pole Steel (2-75 Foot Mast Arm)	Sig-Light Pole Steel (2-75 Ft)	EACH
614-81300	Traffic Signal-Light Pole (Install Only)	Inst Sig-Light Pole	EACH
614-81301	Traffic Signal-Light Pole (1 Mast Arm) (Install Only)	Inst Sig-Light Pole (1)	EACH
614-81302	Traffic Signal-Light Pole (2 Mast Arm) (Install Only)	Inst Sig-Light Pole (2)	EACH
614-81303	Traffic Signal-Light Pole Steel (3 Mast Arm) (Special)	Sig-Light Pole Steel (3 Arm) (Spec)	EACH
614-81410	Traffic Signal-Light Pole Steel (1 Mast Arm) (Furnish Only)	Furn Sig-Light Pole Steel (1)	EACH
614-81420	Traffic Signal-Light Pole Steel (2 Mast Arm) (Furnish Only)	Furn Sig-Light Pole Steel (2)	EACH
614-81430	Traffic Signal-Light Pole Steel (2 Mast Arm) (Special) (Furnish Only)	Furn Sig-Light Pole Steel (2) (S)	EACH
614-81515	Traffic Signal-Light Pole Steel (2-15&20 Foot Mast Arm)	Sig-Light Pole Steel (2-15&20 Ft)	EACH
614-81525	Traffic Signal-Light Pole Steel (2-25&50 Foot Mast Arm)	Sig-Light Pole Steel (2-25&50 Ft)	EACH
614-81535	Traffic Signal-Light Pole Steel (2-35&40 Foot Mast Arm)	Sig-Light Pole Steel (2-35&40 Ft)	EACH
614-81540	Traffic Signal-Light Pole Steel (2-25&40 Foot Mast Arm)	Sig-Light Pole Steel (2-25&40 Ft)	EACH
614-81550	Traffic Signal-Light Pole Steel (2-50&60 Foot Mast Arm)	Sig-Light Pole Steel (2-50&60 Ft)	EACH
614-81555	Traffic Signal-Light Pole Steel (2-55&65 Foot Mast Arm)	Sig-Light Pole Steel (2-55&65 Ft)	EACH
614-81560	Traffic Signal-Light Pole Steel (2-60&65 Foot Mast Arm)	Sig-Light Pole Steel (2-60&65 Ft)	EACH
614-81565	Traffic Signal-Light Pole Steel (2-65&40 Foot Mast Arm)	Sig-Light Pole Steel (2-65&40 Ft)	EACH
614-81570	Traffic Signal-Light Pole Steel (2-70&75 Foot Mast Arm)	Sig-Light Pole Steel (2-70&75 Ft)	EACH
614-82010	Traffic Signal Pole Steel (1 Mast Arm)	Sig Pole Steel (1)	EACH
614-82011	Traffic Signal Pole Steel (1 Mast Arm) (Install Only)	Inst Sig Pole Steel (1)	EACH
614-82015	Traffic Signal Pole Steel (1 Mast Arm) (Special)	Sig Pole Steel (1) (Spec)	EACH
614-82020	Traffic Signal Pole Steel (2 Mast Arm)	Sig Pole Steel (2)	EACH
614-82410	Traffic Signal Pole Steel (1 Mast Arm) (Furnish Only)	Furn Sig Pole Steel (1)	EACH
614-83000	Traffic Signal Mast Arm Steel	Traf Sig Mast Arm Steel	EACH
614-83200	Traffic Signal Pole (Install Only)	Inst Traf Sig Pole	EACH
614-83300	Traffic Signal Mast Arm (Install Only)	Inst Traf Sig Mast Arm	EACH
614-83400	Traffic Signal Mast Arm Steel (Furnish Only)	Furn Traf Sig Mast Arm Steel	EACH
614-84000	Traffic Signal Pedestal Pole Steel	Traf Sig Ped Pole Steel	EACH
614-84100	Traffic Signal Pedestal Pole Aluminum	Traf Sig Ped Pole Alum	EACH
614-84400	Traffic Signal Pedestal Pole Steel (Furnish Only)	Furn Traf Sig Ped Pole Steel	EACH
614-84450	Traffic Signal Pedestal Pole Steel (Install Only)	Inst Traf Sig Ped Pole Steel	EACH
614-84455	Traffic Signal Pedestal Pole (Install Only)	Inst Traf Sig Ped Pole	EACH
614-85001	Impact Attenuator	Impact Atten	EACH
614-85003	Impact Attenuator (Low Maintenance)	Impact Atten (LM)	EACH
614-85005	Impact Attenuator (Sand Barrel Array)	Impact Atten (Sand Barrel Array)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-85008	Impact Attenuator (Temporary)(Reset Only)	Impact Atten (Temp)(Reset)	EACH
614-85009	Impact Attenuator (Temporary)(Remove Only)	Impact Atten (Temp)(Remove)	EACH
614-85040	Impact Attenuator (Truck Mounted Attenuator)	Impact Atten (T-M-A)	EACH
614-85045	Truck with Mounted Attenuator and Flashing Arrow Panel	Truck w/Mtd Atten & Flash Arrow Panel	EACH
614-85125	Impact Attenuator (Quadguard) (Wide)	Impact Atten (Quadguard) (Wide)	EACH
614-85130	Impact Attenuator (Quadguard II)	Impact Atten (Quadguard II)	EACH
614-85159	Impact Attenuator (REACT)	Impact Atten (REACT)	EACH
614-85165	Impact Attenuator (REACT) (Wide)	Impact Atten (REACT) (Wide)	EACH
614-85200	Raised Traffic Separator System	Raised Traf Sep Sys	LF
614-85312	Traffic Signal Span Wire Pole (12 Inch)	Span Wire Pole (12 In)	EACH
614-85316	Traffic Signal Span Wire Pole (16 Inch)	Span Wire Pole (16 In)	EACH
614-85340	Traffic Signal Span Wire Pole (Install Only)	Inst Span Wire Pole	EACH
614-85360	Traffic Signal-Light Span Wire Pole (10 Inch)	Sig-Light Span Wire Pole (10 In)	EACH
614-85362	Traffic Signal-Light Span Wire Pole (12 Inch)	Sig-Light Span Wire Pole (12 In)	EACH
614-85366	Traffic Signal-Light Span Wire Pole (16 Inch)	Sig-Light Span Wire Pole (16 In)	EACH
614-85475	Traffic Signal Span Wire Pole (Furnish Only)	Furn Span Wire Pole	EACH
614-85510	Traffic Signal Span Wire Pole (10 Inch) (Furnish Only)	Furn Span Wire Pole (10 In)	EACH
614-85520	Paint Traffic Signal Pole	Paint Traf Sig Pole	EACH
614-86000	Traffic Signal Controller (Master)	Traf Sig Ctrlr (M)	EACH
614-86001	Traffic Signal Controller (Master)	Traf Sig Ctrlr (M)	L S
614-86002	Spread Spectrum Radio	Spread Spectrum Radio	EACH
614-86003	Spread Spectrum Radio (Contact Closure)	Spread Spectrum Radio (Contact Closure)	EACH
614-86004	Spread Spectrum Radio (Install Only)	Spread Spectrum Radio (Install)	EACH
614-86005	Telemetry (Master)	Telemetry (Master)	L S
614-86006	Telemetry (Master)	Telemetry (Master)	EACH
614-86007	Serial to IP Converter	Serial to IP Converter	EACH
614-86009	Connected Vehicle Roadside Unit (Install Only)	Connected Veh Roadside Unit (Inst Only)	EACH
614-86010	Connected Vehicle Roadside Unit	Connected Vehicle Roadside Unit	EACH
614-86011	Connected Vehicle On Board Unit	Connected Vehicle On Board Unit	EACH
614-86090	Traffic Signal Repeater	Traffic Signal Repeater	EACH
614-86091	Traffic Signal Repeater (Install Only)	Inst Traf Sig Repeater	EACH
614-86097	Wireless Detection Access Point	Wireless Detection Access Point	EACH
614-86098	Wireless Detection Repeater	Wireless Detection Repeater	EACH
614-86099	Wireless Detection Sensor	Wireless Detection Sensor	EACH
614-86101	Wireless Mesh Router	Wireless Mesh Router	EACH
614-86102	Wireless Device Router	Wireless Device Router	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-86103	Wireless Router Controller	Wireless Router Controller	EACH
614-86105	Telemetry (Field)	Telemetry (Field)	EACH
614-86106	Telemetry (Field)(Install Only)	Telemetry (Field)(Install Only)	EACH
614-86110	Telemetry (Furnish Only)	Furn Telemetry	EACH
614-86112	Traffic Signal Controller (Furnish Only)	Furn Ctrler	EACH
614-86232	Traffic Signal Controller (Solid State) (Full-Actuated) (2 Phase)	Ctrler (S-S) (F-A) (2)	EACH
614-86238	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase)	Ctrler (S-S) (F-A) (8)	EACH
614-86239	Traffic Signal Controller (Solid State) (Full-Actuated) (12 Phase)	Ctrler (S-S) (F-A) (12)	EACH
614-86240	Traffic Signal Controller (Type 170)	Ctrler (Ty 170)	EACH
614-86245	Controller (Type 170E)	Ctrler (Ty 170E)	EACH
614-86246	Controller (Type 170E-HC11)	Ctrler (Ty 170E-HC11)	EACH
614-86247	Controller (Type 170E-HC11 W/W70SM Firmware)	Ctrler (Ty 170E-HC11 W/W70SM Firmware)	EACH
614-86248	Traffic Signal Controller (Type 2070LC)	Traf Ctrler (Type 2070LC)	EACH
614-86250	Ramp Metering Controller	Ctrler (Ramp Metering)	EACH
614-86255	Ramp Metering Control System	Ramp Meter Ctrl System	L S
614-86300	Traffic Signal Controller (Master) (Furnish Only)	Furn Traf Sig Ctrler (M)	EACH
614-86538	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase) (Furnish Only)	Furn Ctrler (S-S) (F-A) (8)	EACH
614-86550	Traffic Signal Controller (Solid State) (Full-Actuated) (8 Phase) (Install Only)	Inst Ctrler (S-S) (F-A) (8)	EACH
614-86600	Traffic Signal Controller (Master) (Install Only)	Inst Traf Sig Ctrler (M)	EACH
614-86650	Ramp Metering Controller (Furnish Only)	Furn Ctrler (Ramp Metering)	EACH
614-86660	Ramp Metering Controller (Install Only)	Inst Ramp Meter Ctrler	EACH
614-86700	Traffic Signal Equipment (Furnish Only)	Furn Traf Sig Equip	L S
614-86705	Traffic Signal Equipment (Install Only)	Inst Traf Sig Equip	HOURL
614-86710	Traffic Signal Equipment	Traffic Sig Equip	L S
614-86715	Traffic Signal Equipment	Traffic Sig Equip	EACH
614-86720	Mainline Weigh In Motion Sorter System	ML WIM Sorter System	L S
614-86721	Weigh-In-Motion (LED)(Single Faced)	WIM (LED)(Single Faced)	EACH
614-86722	Weigh-In-Motion Station (Type II)	WIM Station (Ty II)	L S
614-86732	Weigh-In-Motion Station (Type II)	WIM Station (Ty II)	EACH
614-86733	Weigh-In-Motion Station (Type III)	WIM Station (Ty III)	L S
614-86734	Weigh-In-Motion Station (Type III)	WIM Station (Ty III)	EACH
614-86735	Weather Sensor	Weather Sensor	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-86736	Visibility Sensor	Visibility Sensor	EACH
614-86737	Surface Sensor	Surface Sensor	EACH
614-86738	Sub-Surface Temperature Probe	Sub-Surf Temp Probe	EACH
614-86740	Weather Monitoring System	Weather Monitor System	L S
614-86741	Weather Monitoring System	Weather Monitor System	EACH
614-86748	Controller (Type 2070)	Ctrlr (Ty 2070)	EACH
614-86749	Weather Monitoring System (Install Only)	Inst Weather Monitoring System	L S
614-86750	Weather Monitoring System (Furnish Only)	Furn Weather Monitor System	L S
614-86752	Fold-Over Tower (ITS)	Fold-Over Tower (ITS)	EACH
614-86754	Maintenance of ITS Equipment	Maint of ITS Equip	L S
614-86757	Anti-icing System	Anti-icing Syst	EACH
614-86758	Anti-Icing System	Anti-Icing Sys	SY
614-86759	Anti-Icing Building	Anti-Icing Building	EACH
614-86760	Sequential Pavement Lighting System	Seq Pvmt Lighting System	L S
614-86770	Sequential Pavement Lighting Unit	Seq Pvmt Lighting Unit	EACH
614-86800	Uninterrupted Power Supply	Uninterrupted Power Supply	EACH
614-86900	Modification of Traffic Signal Controller	Mod Traf Sig Ctrlr	EACH
614-86910	Modification of Traffic Signal Controller (Master)	Mod Traf Sig Ctrlr (M)	EACH
614-86915	Modify Traffic Signal Pole	Mod Traf Sig Pole	EACH
614-86920	Modification of Traffic Signal Controller Cabinet	Mod Traf Sig Ctrlr Cab	EACH
614-87000	Work Stations and Software	Work Stations and Soft	L S
614-87001	Work Stations and Software	Work Stations and Software	EACH
614-87006	Fiber Optic Termination Panel (6 Fiber)	Fiber Optic Term Panel (6 Fiber)	EACH
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	Fiber Optic Cable (S Mode) (12 Fiber)	LF
614-87011	Fiber Optic Cable (Single Mode) (24 Fiber)	Fiber Optic Cable (S Mode) (24 Fiber)	LF
614-87012	Fiber Optic Termination Panel (12 Fiber)	Fiber Optic Term Panel (12 Fiber)	EACH
614-87015	Buffer Tube Fan Out Kit	Buffer Tube Fan Out Kit	EACH
614-87020	Optical Transceiver	Optical Transceiver	EACH
614-87021	Optical Transceiver (Install Only)	Inst Optical Transceiver	EACH
614-87024	Fiber Optic Termination Panel (24 Fiber)	Fiber Optic Term Panel (24 Fiber)	EACH
614-87025	Optical Transceiver Chassis	Optic Transceiver Chassis	EACH
614-87028	Video Optical Transceiver	Video Optic Transceiver	EACH
614-87030	Four Channel Detector Card	Four Channel Detect Card	EACH
614-87040	Cable Innerduct (1 Inch)	Cable Innerduct (1 In)	LF
614-87096	Fiber Optic Termination Panel (96 Fiber)	Fiber Optic Termi Panel (96 Fiber)	EACH
614-87100	Automatic Traffic Recording Station	Auto Traf Rec Sta	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-87144	Fiber Optic Termination Panel (144 Fiber)	Fiber Optic Termi Panel (144 Fiber)	EACH
614-87300	Traffic Management System Building	TMS Building	EACH
614-87310	Traffic Management System Building Equipment	TMS Building Equip	L S
614-87312	Traffic Management System Building Generator	Traffic Management Sys Bldg Generator	L S
614-87314	Traffic Management System Building HVAC	Traffic Management Sys Bldg HVAC	EACH
614-87315	Software System	Softwr System	L S
614-87316	Traffic Management System Building UPS	Traffic Management Sys Bldg UPS	EACH
614-87318	Master Computer and Software	Master Computer and Software	L S
614-87319	PLC Control Unit	PLC Control Unit	EACH
614-87320	Closed Circuit Television	CCTV	EACH
614-87321	Closed Circuit Television (Install Only)	CCTV (Inst)	EACH
614-87325	Closed Circuit Television Pole	CCTV Pole	EACH
614-87326	CCTV Pole (Install Only)	CCTV Pole (Install Only)	EACH
614-87330	Remove and Relocate CCTV and Wiring	Remove and Reloc CCTV and Wiring	L S
614-87333	Closed Circuit Television Camera (Traffic Surveillance)	CCTV Camera (Traf Surveil)	EACH
614-87335	Video Matrix Switching System (Traffic Surveillance)	Video Switch (System)	EACH
614-87340	Test and Support Equipment	Test and Support Equip	L S
614-87350	Test Fiber Optic Cable	Test Fiber Optic Cable	L S
614-87360	Control Center Upgrade	Control Center Upgrade	L S
614-87362	Closed Circuit Television Pole with Lowering Device (40 Feet)	CCTV Pole w Low Dev (40 Ft)	EACH
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	CCTV Pole w Low Dev (50 Ft)	EACH
614-87366	Closed Circuit Television Pole with Lowering Device (60 Feet)	CCTV Pole w Low Dev (60 Ft)	EACH
614-87368	Closed Circuit Television Pole with Lowering Device (70 Feet)	CCTV Pole w Low Dev (70 Ft)	EACH
614-87370	Closed Circuit Television Pole with Lowering Device (80 Feet)	CCTV Pole w Low Dev (80 Ft)	EACH
614-87400	Breakaway Tapered ITS Pole Steel (30 Feet)	Brkaway Taper ITS Pole Steel (30 Ft)	EACH
614-87401	Fiber Optic Cable (Special)	Fiber Optic Cable (Spec)	LF
614-87402	Breakaway Tapered ITS Pole Steel (40 Feet)	Brkaway Taper ITS Pole Steel (40 Ft)	EACH
614-87404	Breakaway Tapered ITS Pole Steel (50 Feet)	Brkaway Taper Pole Steel (50 Ft)	EACH
614-87406	Fiber Optic Cable (Single Mode) (6 Strands)	Fiber Optic Cable (S Mode) (6 S)	LF
614-87407	Fiber Optic Cable (Multi Mode) (6 Strands)	Fiber Optic Cable (M Mode) (6 S)	LF
614-87411	Fiber Optic Cable (Single Mode) (12 Strands) (Furnish Only)	Fiber Optic Cable (S Mode) (12 S) (Furn)	LF

Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-87412	Fiber Optic Cable (Single Mode) (12 Strands) (Install Only)	Fiber Optic Cable (S Mode) (12 S) (Inst)	LF
614-87413	Fiber Optic Cable (Multi Mode) (12 Strands)	Fiber Optic Cable (M Mode) (12 S)	LF
614-87424	Fiber Optic Cable (Single Mode) (24 Strands)	Fiber Optic Cable (S Mode) (24 S)	LF
614-87425	Fiber Optic Cable (Multi Mode) (24 Strands)	Fiber Optic Cable (M Mode) (24 S)	LF
614-87448	Fiber Optic Cable (Single Mode) (48 Strands)	Fiber Optic Cable (S Mode) (48 S)	LF
614-87449	Fiber Optic Cable (Multi Mode) (48 Strands)	Fiber Optic Cable (M Mode) (48 S)	LF
614-87472	Fiber Optic Cable (S Mode)(72 S)	Fiber Optic Cable (S Mode)(72 S)	LF
614-87473	Fiber Optic Cable Termination Panel (72 Strand)	Fiber Optic Cable Term Panel (72 S)	EACH
614-87495	Fiber Optic Cable (Single Mode) (96 Strands) (Install Only)	Fiber Optic Cable (S Mode) (96 S) (Inst)	LF
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	Fiber Optic Cable (S Mode) (96 S)	LF
614-87497	Fiber Optic Cable (Multi Mode) (96 Strands)	Fiber Optic Cable (M Mode) (96 S)	LF
614-87498	Fiber Optic Cable (Single Mode) (144 Strands)	Fiber Optic Cable (S Mode) (144 S)	LF
614-87499	Fiber Optic Cable (Single Mode) (Install Only)	Fiber Optic Cable (S Mode) (Inst)	LF
614-87500	Call Box	Call Box	EACH
614-87501	Splice Fiber Optic Cable (1 Strand)	Splice FO Cable (1 S)	EACH
614-87502	Fiber Optic Cable (S Mode)(168 S)	Fiber Optic Cable (S Mode)(168 S)	LF
614-87506	Splice Fiber Optic Cable (6 Strand)	Splice FO Cable (6 S)	EACH
614-87512	Splice Fiber Optic Cable (12 Strand)	Splice FO Cable (12 S)	EACH
614-87524	Splice Fiber Optic Cable (24 Strand)	Splice FO Cable (24 Strand)	EACH
614-87548	Splice Fiber Optic Cable (48 Strand)	Splice FO Cable (48 Strand)	EACH
614-87596	Splice Fiber Optic Cable (96 Strand)	Splice Fiber Optic Cable (96 Strand)	EACH
614-87601	Terminate Fiber Optic Cable (1 Strand)	Term FO Cable (1S)	EACH
614-87606	Terminate Fiber Optic Cable (6 Strand)	Term FO Cable (6 Strand)	EACH
614-87612	Terminate Fiber Optic Cable (12 Strand)	Term FO Cable (12 S)	EACH
614-87624	Terminate Fiber Optic Cable (24 Strand)	Term FO Cable (24 Strand)	EACH
614-87644	Fiber Optic Termination Panel - 144 Fiber	Term FO Cable (144 Strand)	EACH
614-87645	Fiber Optic Cable (Single Mode) (144 Strands) (Furnish Only)	Fiber Optic Cable (S Mode)(144 S)(Furn)	LF
614-87646	Fiber Optic Cable (Single Mode) (144 Strands) (Install Only)	Fiber Optic Cable (S Mode)(144 S)(Inst)	LF
614-87648	Terminate Fiber Optic Cable (48 Strand)	Term FO Cable (48 Strand)	EACH
614-87650	Fiber Optic Cable (Single Mode) (216 Strands)	Fiber Optic Cable (S Mode) (216 S)	LF
614-87651	Fiber Optic Cable (Single Mode) (216 Strands) (Furnish Only)	Fiber Optic Cable(S Mode)(216 S)(Furnish	LF
614-87652	Fiber Optic Cable (Single Mode) (216 Strands) (Install Only)	Fiber Optic Cable(SMode)(216 S)(Install)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
614-87660	Video Decoder	Video Decoder	EACH
614-87661	Video Encoder	Video Encoder	EACH
614-87670	Tier II Multiplexer	Tier II Multi	EACH
614-87680	Sonet Multiplexer	Sonet Multi	EACH
614-87690	Ethernet Switch	Ethernet Switch	EACH
614-87691	Ethernet Switch Type I	Ethernet Switch Type I	EACH
614-87692	Ethernet Switch Type II	Ethernet Switch Type II	EACH
614-87693	Ethernet Switch Type III	Ethernet Switch Type III	EACH
614-87694	Ethernet Switch Type IV	Ethernet Switch Type IV	EACH
614-87695	Ethernet Switch Type IV (Install Only)	Ethernet Switch Type IV (Install Only)	EACH
614-87697	Ethernet Aggregation Switch Type I	Ethernet Agg Switch Type I	EACH
614-87698	Ethernet Aggregation Switch Type II	Ethernet Agg Switch Type II	EACH
614-87699	Ethernet Aggregation Switch Type III	Ethernet Agg Switch Type III	EACH
614-87700	Ethernet Router	Ethernet Router	EACH
614-87702	Ethernet Radio (Pair)	Ethernet Radio (Pair)	EACH
614-87704	Ethernet Radio (Single Client)	Ethernet Radio (Single Client)	EACH
614-87708	Cellular Modem (CDMA)	Cellular Modem (CDMA)	EACH
614-87710	Video Monitor	Video Monitor	EACH
614-87720	Video Controller	Video Cont	EACH
614-91155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	Sig-Light Pole Steel (1-55 Ft)	EACH
614-92000	Noise Barrier Access Door	Noise Barrier Access Door	EACH
615-00030	Embankment Protector Type 3	Emb Prot Ty 3	EACH
615-00050	Embankment Protector Type 5	Emb Prot Ty 5	EACH
615-00100	Place Embankment Protector	Place Emb Prot	EACH
615-00150	Embankment Protector (Special)	Emb Prot (Spec)	EACH
615-00152	Erosion Protector (Special)	Erosion Protect (Spec)	LF
615-00500	Erosion Protector	Erosion Prot	LF
615-00600	Log Dam	Log Dam	EACH
615-00620	Log Deflector	Log Deflector	EACH
615-10006	6 Inch Automatic Drain Gate	6 In Auto Drain Gate	EACH
615-10008	8 Inch Automatic Drain Gate	8 In Auto Drain Gate	EACH
615-10012	12 Inch Automatic Drain Gate	12 In Auto Drain Gate	EACH
615-10015	15 Inch Automatic Drain Gate	15 In Auto Drain Gate	EACH
615-10018	18 Inch Automatic Drain Gate	18 In Auto Drain Gate	EACH
615-10021	21 Inch Automatic Drain Gate	21 In Auto Drain Gate	EACH
615-10024	24 Inch Automatic Drain Gate	24 In Auto Drain Gate	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
615-10030	30 Inch Automatic Drain Gate	30 In Auto Drain Gate	EACH
615-10036	36 Inch Automatic Drain Gate	36 In Auto Drain Gate	EACH
615-10042	42 Inch Automatic Drain Gate	42 In Auto Drain Gate	EACH
615-10048	48 Inch Automatic Drain Gate	48 In Auto Drain Gate	EACH
615-10054	54 Inch Automatic Drain Gate	54 In Auto Drain Gate	EACH
615-10060	60 Inch Automatic Drain Gate	60 In Auto Drain Gate	EACH
615-10066	66 Inch Automatic Drain Gate	66 In Auto Drain Gate	EACH
615-20400	4 Inch Slide Headgate	4 In SI Hdgate	EACH
615-20602	6 Inch Slide Headgate (2 Foot Frame)	6 In SI Hdgate (2 Ft)	EACH
615-20605	6 Inch Slide Headgate (5 Foot Frame)	6 In SI Hdgate (5 Ft)	EACH
615-20804	8 Inch Slide Headgate (4 Foot Frame)	8 In SI Hdgate (4 Ft)	EACH
615-20805	8 Inch Slide Headgate (5 Foot Frame)	8 In SI Hdgate (5 Ft)	EACH
615-20806	8 Inch Slide Headgate (6 Foot Frame)	8 In SI Hdgate (6 Ft)	EACH
615-20807	8 Inch Slide Headgate (7 Foot Frame)	8 In SI Hdgate (7 Ft)	EACH
615-20808	8 Inch Slide Headgate (8 Foot Frame)	8 In SI Hdgate (8 Ft)	EACH
615-20810	8 Inch Slide Headgate (10 Foot Frame)	8 In SI Hdgate (10 Ft)	EACH
615-20899	8 Inch Slide Headgate Special	8 In SI Hdgate Spec	EACH
615-21005	10 Inch Slide Headgate (5 Foot Frame)	10 In SI Hdgate (5 Ft)	EACH
615-21007	10 Inch Slide Headgate (7 Foot Frame)	10 In SI Hdgate (7 Ft)	EACH
615-21011	10 Inch Slide Headgate (11 Foot Frame)	10 In SI Hdgate (11 Ft)	EACH
615-21099	10 Inch Slide Headgate Special	10 In SI Hdgate Spec	EACH
615-21203	12 Inch Slide Headgate (3 Foot Frame)	12 In SI Hdgate (3 Ft)	EACH
615-21204	12 Inch Slide Headgate (4 Foot Frame)	12 In SI Hdgate (4 Ft)	EACH
615-21205	12 Inch Slide Headgate (5 Foot Frame)	12 In SI Hdgate (5 Ft)	EACH
615-21206	12 Inch Slide Headgate (6 Foot Frame)	12 In SI Hdgate (6 Ft)	EACH
615-21207	12 Inch Slide Headgate (7 Foot Frame)	12 In SI Hdgate (7 Ft)	EACH
615-21208	12 Inch Slide Headgate (8 Foot Frame)	12 In SI Hdgate (8 Ft)	EACH
615-21299	12 Inch Slide Headgate Special	12 In SI Hdgate Spec	EACH
615-21503	15 Inch Slide Headgate (3 Foot Frame)	15 In SI Hdgate (3 Ft)	EACH
615-21505	15 Inch Slide Headgate (5 Foot Frame)	15 In SI Hdgate (5 Ft)	EACH
615-21506	15 Inch Slide Headgate (6 Foot Frame)	15 In SI Hdgate (6 Ft)	EACH
615-21509	15 Inch Slide Headgate (9 Foot Frame)	15 In SI Hdgate (9 Ft)	EACH
615-21599	15 Inch Slide Headgate Special	15 In SI Hdgate Spec	EACH
615-21803	18 Inch Slide Headgate (3 Foot Frame)	18 In SI Hdgate (3 Ft)	EACH
615-21804	18 Inch Slide Headgate (4 Foot Frame)	18 In SI Hdgate (4 Ft)	EACH
615-21805	18 Inch Slide Headgate (5 Foot Frame)	18 In SI Hdgate (5 Ft)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
615-21806	18 Inch Slide Headgate (6 Foot Frame)	18 In SI Hdgate (6 Ft)	EACH
615-21807	18 Inch Slide Headgate (7 Foot Frame)	18 In SI Hdgate (7 Ft)	EACH
615-21808	18 Inch Slide Headgate (8 Foot Frame)	18 In SI Hdgate (8 Ft)	EACH
615-21809	18 Inch Slide Headgate (9 Foot Frame)	18 In SI Hdgate (9 Ft)	EACH
615-21899	18 Inch Slide Headgate Special	18 In SI Hdgate Spec	EACH
615-22404	24 Inch Slide Headgate (4 Foot Frame)	24 In SI Hdgate (4 Ft)	EACH
615-22405	24 Inch Slide Headgate (5 Foot Frame)	24 In SI Hdgate (5 Ft)	EACH
615-22406	24 Inch Slide Headgate (6 Foot Frame)	24 In SI Hdgate (6 Ft)	EACH
615-22407	24 Inch Slide Headgate (7 Foot Frame)	24 In SI Hdgate (7 Ft)	EACH
615-22408	24 Inch Slide Headgate (8 Foot Frame)	24 In SI Hdgate (8 Ft)	EACH
615-22409	24 Inch Slide Headgate (9 Foot Frame)	24 In SI Hdgate (9 Ft)	EACH
615-22499	24 Inch Slide Headgate Special	24 In SI Hdgate Spec	EACH
615-23005	30 Inch Slide Headgate (5 Foot Frame)	30 In SI Hdgate (5 Ft)	EACH
615-23006	30 Inch Slide Headgate (6 Foot Frame)	30 In SI Hdgate (6 Ft)	EACH
615-23007	30 Inch Slide Headgate (7 Foot Frame)	30 In SI Hdgate (7 Ft)	EACH
615-23008	30 Inch Slide Headgate (8 Foot Frame)	30 In SI Hdgate (8 Ft)	EACH
615-23009	30 Inch Slide Headgate (9 Foot Frame)	30 In SI Hdgate (9 Ft)	EACH
615-23010	30 Inch Slide Headgate (10 Foot Frame)	30 In SI Hdgate (10 Ft)	EACH
615-23012	30 Inch Slide Headgate (12 Foot Frame)	30 In SI Hdgate (12 Ft)	EACH
615-23606	36 Inch Slide Headgate (6 Foot Frame)	36 In SI Hdgate (6 Ft)	EACH
615-23607	36 Inch Slide Headgate (7 Foot Frame)	36 In SI Hdgate (7 Ft)	EACH
615-23608	36 Inch Slide Headgate (8 Foot Frame)	36 In SI Hdgate (8 Ft)	EACH
615-23609	36 Inch Slide Headgate (9 Foot Frame)	36 In SI Hdgate (9 Ft)	EACH
615-23610	36 Inch Slide Headgate (10 Foot Frame)	36 In SI Hdgate (10 Ft)	EACH
615-23699	36 Inch Slide Headgate Special	36 In SI Hdgate Spec	EACH
615-24208	42 Inch Slide Headgate (8 Foot Frame)	42 In SI Hdgate (8 Ft)	EACH
615-24209	42 Inch Slide Headgate (9 Foot Frame)	42 In SI Hdgate (9 Ft)	EACH
615-25410	54 Inch Slide Headgate (10 Foot Frame)	54 In SI Hdgate (10 Ft)	EACH
615-31504	15x15 Inch Slide Headgate (4 Foot Frame)	15x15 In SI Hdgate (4 Ft)	EACH
615-31804	18x18 Inch Slide Headgate (4 Foot Frame)	18x18 In SI Hdgate (4 Ft)	EACH
615-31806	18x18 Inch Slide Headgate (6 Foot Frame)	18x18 In SI Hdgate (6 Ft)	EACH
615-31807	18x18 Inch Slide Headgate (7 Foot Frame)	18x18 In SI Hdgate (7 Ft)	EACH
615-32405	24x24 Inch Slide Headgate (5 Foot Frame)	24x24 In SI Hdgate (5 Ft)	EACH
615-32406	24x24 Inch Slide Headgate (6 Foot Frame)	24x24 In SI Hdgate (6 Ft)	EACH
615-32418	24x18 Inch Slide Headgate	24x18 In SI Hdgate	EACH
615-33018	30x18 Inch Slide Headgate	30x18 In SI Hdgate	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
615-33024	30x24 Inch Slide Headgate	30x24 In Sl Hdgate	EACH
615-33605	36x36 Inch Slide Headgate (5 Foot Frame)	36x36 In Sl Hdgate (5 Ft)	EACH
615-34230	42x30 Inch Slide Headgate	42x30 In Sl Hdgate	EACH
615-34809	48x48 Inch Slide Headgate (9 Foot Frame)	48x48 In Sl Hdgate (9 Ft)	EACH
615-34830	48x30 Inch Slide Headgate	48x30 In Slide Headgate	EACH
615-36007	60x36 Inch Slide Headgate (7 Foot Frame)	60x36 In Sl Hdgate (7 Ft)	EACH
615-37209	72x60 Inch Slide Headgate (9 Foot Frame)	72x60 In Sl Hdgate (9 Ft)	EACH
615-39210	120x72 Inch Slide Headgate (10 Foot Frame)	120x72 In Sl Hdgate (10 Ft)	EACH
615-39900	Place Slide Headgate	Place Sl Hdgate	EACH
615-41203	12x3 Inch Cutthroat Measuring Flume	12x3 In Cutthroat Flume	EACH
615-41208	12x8 Inch Cutthroat Measuring Flume	12x8 In Cutthroat Flume	EACH
615-50000	Parshall Measuring Flume	Parshall Flume	EACH
615-51503	15x3 Inch Parshall Measuring Flume	15x3 In Parshall Flume	EACH
615-51506	15x6 Inch Parshall Measuring Flume	15x6 In Parshall Flume	EACH
615-51509	15x9 Inch Parshall Measuring Flume	15x9 In Parshall Flume	EACH
615-51512	15x12 Inch Parshall Measuring Flume	15x12 In Parshall Flume	EACH
615-51812	18x12 Inch Parshall Measuring Flume	18x12 In Parshall Flume	EACH
615-51815	18x15 Inch Parshall Measuring Flume	18x15 In Parshall Flume	EACH
615-51818	18x18 Inch Parshall Measuring Flume	18x18 In Parshall Flume	EACH
615-52412	24x12 Inch Parshall Measuring Flume	24x12 In Parshall Flume	EACH
615-52418	24x18 Inch Parshall Measuring Flume	24x18 In Parshall Flume	EACH
615-53630	36x30 Inch Parshall Measuring Flume	36x30 In Parshall Flume	EACH
615-54830	48x30 Inch Parshall Measuring Flume	48x30 In Parshall Flume	EACH
615-54836	48x36 Inch Parshall Measuring Flume	48x36 In Parshall Flume	EACH
615-57236	72x36 Inch Parshall Measuring Flume	72x36 In Parshall Flume	EACH
615-59900	Place Parshall Measuring Flume	Place Parshall Flume	EACH
615-60000	Gatewell	Gatewell	EACH
615-65000	Precast Irrigation Structure	Precast Irrig Str	EACH
615-65005	Irrigation Diversion Structure	Irrig Diversion Str	L S
615-70000	Metal Flume Structure	Metal Flume Str	LF
615-80000	Stream Restoration	Stream Restoration	L S
616-00120	12 Inch Concrete Siphon Pipe	12 In Conc Siphon Pipe	LF
616-00150	15 Inch Concrete Siphon Pipe	15 In Conc Siphon Pipe	LF
616-00180	18 Inch Concrete Siphon Pipe	18 In Conc Siphon Pipe	LF
616-00210	21 Inch Concrete Siphon Pipe	21 In Conc Siphon Pipe	LF
616-00240	24 Inch Concrete Siphon Pipe	24 In Conc Siphon Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
616-00300	30 Inch Concrete Siphon Pipe	30 In Conc Siphon Pipe	LF
616-00360	36 Inch Concrete Siphon Pipe	36 In Conc Siphon Pipe	LF
616-00420	42 Inch Concrete Siphon Pipe	42 In Conc Siphon Pipe	LF
616-00480	48 Inch Concrete Siphon Pipe	48 In Conc Siphon Pipe	LF
616-00600	60 Inch Concrete Siphon Pipe	60 In Conc Siphon Pipe	LF
616-10120	12 Inch Aramid Fiber Bonded Steel Siphon Pipe	12 In AFBSSP	LF
616-10150	15 Inch Aramid Fiber Bonded Steel Siphon Pipe	15 In AFBSSP	LF
616-10180	18 Inch Aramid Fiber Bonded Steel Siphon Pipe	18 In AFBSSP	LF
616-10240	24 Inch Aramid Fiber Bonded Steel Siphon Pipe	24 In AFBSSP	LF
616-10300	30 Inch Aramid Fiber Bonded Steel Siphon Pipe	30 In AFBSSP	LF
616-10360	36 Inch Aramid Fiber Bonded Steel Siphon Pipe	36 In AFBSSP	LF
616-10420	42 Inch Aramid Fiber Bonded Steel Siphon Pipe	42 In AFBSSP	LF
616-10480	48 Inch Aramid Fiber Bonded Steel Siphon Pipe	48 In AFBSSP	LF
616-10540	54 Inch Aramid Fiber Bonded Steel Siphon Pipe	54 In AFBSSP	LF
616-10780	78 Inch Aramid Fiber Bonded Steel Siphon Pipe	78 In AFBSSP	LF
616-10900	90 Inch Aramid Fiber Bonded Steel Siphon Pipe	90 In AFBSSP	LF
616-20080	8 Inch Bituminous Coated Steel Siphon Pipe	8 In BCSSP	LF
616-20100	10 Inch Bituminous Coated Steel Siphon Pipe	10 In BCSSP	LF
616-20120	12 Inch Bituminous Coated Steel Siphon Pipe	12 In BCSSP	LF
616-20150	15 Inch Bituminous Coated Steel Siphon Pipe	15 In BCSSP	LF
616-20180	18 Inch Bituminous Coated Steel Siphon Pipe	18 In BCSSP	LF
616-20240	24 Inch Bituminous Coated Steel Siphon Pipe	24 In BCSSP	LF
616-20300	30 Inch Bituminous Coated Steel Siphon Pipe	30 In BCSSP	LF
616-20360	36 Inch Bituminous Coated Steel Siphon Pipe	36 In BCSSP	LF
616-20420	42 Inch Bituminous Coated Steel Siphon Pipe	42 In BCSSP	LF
616-20480	48 Inch Bituminous Coated Steel Siphon Pipe	48 In BCSSP	LF
616-20540	54 Inch Bituminous Coated Steel Siphon Pipe	54 In BCSSP	LF
616-21120	12 Inch Welded Steel Siphon Pipe	12 In W Steel Siphon Pipe	LF
616-21160	16 Inch Welded Steel Siphon Pipe	16 In W Steel Siphon Pipe	LF
616-21180	18 Inch Welded Steel Siphon Pipe	18 In W Steel Siphon Pipe	LF
616-21240	24 Inch Welded Steel Siphon Pipe	24 In W Steel Siphon Pipe	LF
616-22843	84 Inch Steel Siphon Pipe (Install Only)	Inst 84 In Steel Siphon Pipe	LF
616-22845	84 Inch Steel Siphon Pipe (Furnish Only)	Furn 84 In Steel Siphon Pipe	LF
616-23180	18 Inch Plastic Siphon Pipe	18 In Plastic Siphon Pipe	LF
616-23240	24 Inch Plastic Siphon Pipe	24 In Plastic Siphon Pipe	LF
616-23300	30 Inch Plastic Siphon Pipe	30 In Plastic Siphon Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
616-29180	18 Inch Culvert Siphon Pipe	18 In Culvert Siphon Pipe	LF
616-30012	12 Inch Trash Guard	12 In Trash Guard	EACH
616-30015	15 Inch Trash Guard	15 In Trash Guard	EACH
616-30018	18 Inch Trash Guard	18 In Trash Guard	EACH
616-30021	21 Inch Trash Guard	21 In Trash Guard	EACH
616-30024	24 Inch Trash Guard	24 In Trash Guard	EACH
616-30030	30 Inch Trash Guard	30 In Trash Guard	EACH
616-30036	36 Inch Trash Guard	36 In Trash Guard	EACH
616-30042	42 Inch Trash Guard	42 In Trash Guard	EACH
616-30048	48 Inch Trash Guard	48 In Trash Guard	EACH
616-30054	54 Inch Trash Guard	54 In Trash Guard	EACH
616-30060	60 Inch Trash Guard	60 In Trash Guard	EACH
616-30066	66 Inch Trash Guard	66 In Trash Guard	EACH
616-30078	78 Inch Trash Guard	78 In Trash Guard	EACH
616-30118	22x13 Inch Trash Guard	22x13 In Trash Guard	EACH
616-30121	25x16 Inch Trash Guard	25x16 In Trash Guard	EACH
616-30124	29x18 Inch Trash Guard	29x18 In Trash Guard	EACH
616-30130	36x22 Inch Trash Guard	36x22 In Trash Guard	EACH
616-30136	43x27 Inch Trash Guard	43x27 In Trash Guard	EACH
616-30142	50x31 Inch Trash Guard	50x31 In Trash Guard	EACH
616-30148	58x36 Inch Trash Guard	58x36 In Trash Guard	EACH
616-30154	65x40 Inch Trash Guard	65x40 In Trash Guard	EACH
616-30160	72x44 Inch Trash Guard	72x44 In Trash Guard	EACH
616-30499	Trash Guard Special	Trash Guard Spec	EACH
616-50024	3 Inch Valve and Valve Box	3 In Valve and Box	EACH
616-50032	4 Inch Valve and Valve Box	4 In Valve and Box	EACH
616-50048	6 Inch Valve and Valve Box	6 In Valve and Box	EACH
616-50064	8 Inch Valve and Valve Box	8 In Valve and Box	EACH
616-50128	16 Inch Valve and Valve Box	16 In Valve and Box	EACH
616-76193	24 Inch Butterfly Valve (Install Only)	Inst 24 In Btrfly Valve	EACH
618-00000	Prestressing Steel Bar	Prestress Steel Bar	LB
618-00001	Prestressing Steel Strand	Prestress Steel Strand	LB
618-00002	Prestressing Steel Strand	Prestress Steel Strand	MKFT
618-00003	Prestressing Steel	Prestress Steel	MKFT
618-00005	Prestressing Steel Bar	Prestress Steel Bar	MKFT
618-00007	Grout (Strand)(Duct)	Grout (Strand)(Duct)	CF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
618-00142	Prestressed Concrete I (BT42)	Prestress Conc I (BT42)	LF
618-00154	Prestressed Concrete I (BT54)	Prestress Conc I (BT54)	LF
618-00163	Prestressed Concrete I (BT63)	Prestress Conc I (BT63)	LF
618-00172	Prestressed Concrete I (BT72)	Prestress Conc I (BT72)	LF
618-00173	Prestressed Concrete I (BT 72) (Install Only)	Prestress Conc I (BT 72) (Install Only)	SY
618-00178	Prestressed Concrete I (BT78)	Prestress Conc I (BT78)	LF
618-00184	Prestressed Concrete I (BT84)	Prestress Conc I (BT84)	LF
618-00500	Prestressed Concrete I (BT Variable)	Prestress Conc I (BT Variable)	LF
618-00510	Prestressed Concrete I (Special)	Prestress Conc I (Spec)	LF
618-01130	Prestressed Concrete I (CBT30)	Prestress Conc I (CBT30)	LF
618-01136	Prestressed Concrete I (CBT36)	Prestress Conc I (CBT36)	LF
618-01137	Prestressed Concrete I (CBT 37.5)	Prestress Concrete I (CBT 37.5)	LF
618-01142	Prestressed Concrete I (Special)(South Gap Project - BT42)	Prestress Conc I (Spec)(S.Gap Proj BT42)	LF
618-01145	Prestressed Concrete I (CBT45)	Prestress Conc I (CBT45)	LF
618-01150	Prestressed Concrete I (Special)(South Gap Project - BT50)	Prestress Conc I (Spec)(S.Gap Proj BT50)	LF
618-01154	Prestressed Concrete I (CBT54)	Prestress Conc I (CBT54)	LF
618-01158	Prestressed Concrete I (Special)(South Gap Project - BT58)	Prestress Conc I (Spec)(S.Gap Proj BT58)	LF
618-01163	Prestressed Concrete I (CBT63)	Prestress Conc I (CBT63)	LF
618-01166	Prestressed Concrete I (Special)(South Gap Project - BT66)	Prestress Conc I (Spec)(S.Gap Proj BT66)	LF
618-01172	Prestressed Concrete I (CBT72)	Prestress Conc I (CBT72)	LF
618-01181	Prestressed Concrete I (CBT81)	Prestress Conc I (CBT81)	LF
618-01190	Prestressed Concrete I (CBT90)	Prestress Conc I (CBT90)	LF
618-01992	Prestressed Concrete Box (Depth Less Than 32 Inches)	Prestress Conc Box (Depth Less Than 32")	SF
618-01994	Prestressed Concrete Box (Depth 32" Through 48")	Prestress Conc Box (Depth 32" Thru 48")	SF
618-01995	Prestressed Concrete Box (Depth 32 Inch Through 48 Inch)	Prestress Conc Box (32" - 48")	EACH
618-01996	Prestressed Concrete Box (Depth Greater Than 48 Inches)	Prestress Conc Box (Depth Gr Than 48")	SF
618-01997	Prestressed Concrete Box (Special)	Prestress Conc Box (Spec)	LF
618-01998	Prestressed Concrete Box (Special)	Prestress Conc Box (Spec)	SF
618-01999	Prestressed Concrete Box (Special)	Prestress Conc Box (Spec)	EACH
618-02000	Prestressed Concrete T	Prestress Conc T	SF
618-02080	Prestressed Concrete T (Special)	Prestress Conc T (Spec)	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
618-03000	Prestressed Concrete Double T	Prestress Conc TT	SF
618-03010	Prestressed Concrete Double T (Special)	Prestress Conc TT (Spec)	SF
618-04001	Precast Superstructure (Box Section)	Precast Superstr (Box)	SF
618-05001	Place Prestressed Concrete Unit	Place Prestress Conc Unit	EACH
618-05010	Reset Prestressed Concrete Unit	Reset Prestress Conc Unit	EACH
618-05025	Prestressed Concrete Unit (Special)	Prestress Conc Unit (Spec)	SF
618-05030	Prestressed Concrete Unit (Special)	Prestress Conc Unit (Spec)	LF
618-05035	Prestressed Concrete Unit (Special)	Prestress Conc Unit (Spec)	CF
618-06032	Prestressed Concrete Slab (Depth Less Than 6 Inches)	Prestress Conc Slab (Depth Less Than 6")	SF
618-06034	Prestressed Concrete Slab (Depth 6" Through 13")	Prestress Conc Slab (Depth 6" Thru 13")	SF
618-06036	Prestressed Concrete Slab (Depth Greater Than 13 Inches)	Prestress Conc Slab (Depth Gr Than 13")	SF
618-06038	Prestressed Concrete Slab (Special)	Prestress Conc Slab (Spec)	SF
618-08900	Ground Anchor	Ground Anchor	LF
618-09000	Post-Tensioning Bench Test	Post-Ten Bench Test	EACH
618-09010	Post-Tensioning Dynamic Test	Post-Ten Dynamic Test	EACH
618-09015	Modify Post-Tensioning System	Mod Post-Ten Sys	EACH
618-09020	Prestressing Test	Prestress Test	EACH
618-09030	Performance Test	Performance Test	EACH
618-09040	Anchor Test	Anchor Test	EACH
618-09105	Provide for Future Prestressing	Provide for Future Prestr	LF
618-10000	Precast Concrete U Girder (Pre-Tensioned)	Precast Conc U Girder (Pre-Ten)	LF
618-10048	Precast Concrete U Girder (U48)(Pre-Tensioned)	Precast Conc U Girder (U48) (Pre-Ten)	LF
618-10054	Precast Concrete U Girder (U54)(Pre-Tensioned)	Precast Conc U Girder (U54) (Pre-Ten)	LF
618-10060	Precast Concrete U Girder (U60)(Pre-Tensioned)	Precast Conc U Girder (U60)(Pre-Ten)	LF
618-10072	Precast Concrete U Girder (U72)(Pre-Tensioned)	Precast Conc U Girder (U72)(Pre-Ten)	LF
618-10084	Precast Concrete U Girder (U84)(Pre-Tensioned)	Precast Conc U Girder (U84)(Pre-Ten)	LF
618-10096	Precast Concrete U Girder (U96)(Pre-Tensioned)	Precast Conc U Girder (U96)(Pre-Ten)	LF
618-10100	Precast Concrete U Girder (Post-Tensioned)	Precast Conc U Girder (Post-Ten)	LF
618-10200	Precast Concrete U Girder (Pre-Tensioned and Post-Tensioned)	Precast Conc U Girder (Pre and Post-Ten)	LF
618-10300	Precast Concrete U Girder (Special)	Precast Conc U Girder (Spec)	LF
618-10370	Precast Concrete U Girder (U70)(Curved with Top Slab)	Precast Conc U Girder (U70)(Curved w/TS)	LF
618-10372	Precast Concrete U Girder (U72)(Curved)	Precast Concrete U Girder (U72)(Curved)	LF
618-10384	Precast Concrete U Girder (U84)(Curved)	Precast Concrete U Girder (U84)(Curved)	LF
618-10396	Precast Concrete U Girder (U96)(Curved)	Precast Concrete U Girder (U96)(Curved)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
618-11000	Precast Concrete Deck Panel with Post-tensioning (8.5 Inch)	Precast Conc Deck Pnl Post-tens (8.5 In)	SF
618-11052	Ridestop Building (Temporary)	Ridestop Bldg (Temp)	EACH
618-20002	Prestressing (Fiber Reinforced Plastic)	Prestressing (FRP)	MKFT
618-30000	Move Bridge	Move Bridge	L S
619-00000	Water Meter and Vault	Water Meter and Vault	EACH
619-00001	Water Meter	Water Meter	EACH
619-00002	Water Service	Water Service	EACH
619-00003	Water Meter and Vault (Furnish Only)	Furn Water Meter and Vault	EACH
619-00005	Water Line	Water Line	L S
619-00006	Connect to New Waterline	Connect to New Waterline	EACH
619-00007	Connect To Existing Waterline	Connect To Existing Waterline	EACH
619-00008	12 Inch Waterline (Fittings)	12 In Waterline (Fittings)	EACH
619-00010	Water Line (Special)	Water Line (Spec)	L S
619-00013	3 Inch Cured-In-Place-Pipe Waterline	3 In CIPP Waterline	LF
619-00018	8 Inch Cured-In-Place-Pipe Waterline	8 In CIPP Waterline	LF
619-00020	2 Inch Cast Iron Pipe	2 In Cast Iron Pipe	LF
619-00030	3 Inch Cast Iron Pipe	3 In Cast Iron Pipe	LF
619-00040	4 Inch Cast Iron Pipe	4 In Cast Iron Pipe	LF
619-00060	6 Inch Cast Iron Pipe	6 In Cast Iron Pipe	LF
619-00067	6 Inch Cast Iron Pipe (Jacked)	6 In Cast Iron Pipe (Jacked)	LF
619-00080	8 Inch Cast Iron Pipe	8 In Cast Iron Pipe	LF
619-00100	10 Inch Cast Iron Pipe	10 In Cast Iron Pipe	LF
619-00120	12 Inch Cast Iron Pipe	12 In Cast Iron Pipe	LF
619-00160	16 Inch Cast Iron Pipe	16 In Cast Iron Pipe	LF
619-00360	36 Inch Cast Iron Pipe	36 In Cast Iron Pipe	LF
619-03060	Place 6 Inch Cast Iron Pipe	Place 6 In Cast Iron Pipe	LF
619-03100	Place 10 Inch Cast Iron Pipe	Place 10 In Cast Iron Pipe	LF
619-06030	3 Inch Ductile Iron Pipe	3 In Duct Iron Pipe	LF
619-06040	4 Inch Ductile Iron Pipe	4 In Duct Iron Pipe	LF
619-06060	6 Inch Ductile Iron Pipe	6 In Duct Iron Pipe	LF
619-06080	8 Inch Ductile Iron Pipe	8 In Duct Iron Pipe	LF
619-06090	8 Inch Ductile Iron Pipe (Fittings)	8 In Duct Iron Pipe (Fit)	EACH
619-06100	10 Inch Ductile Iron Pipe	10 In Duct Iron Pipe	LF
619-06110	10 Inch Ductile Iron Pipe (Preinsulated)	10 In Duct Iron Pipe (Preinsul)	LF
619-06120	12 Inch Ductile Iron Pipe	12 In Duct Iron Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-06125	12-Inch Ductile Iron Pipe (Preinsulated)	12-In Duct Iron Pipe (Preinsul)	LF
619-06140	14 Inch Ductile Iron Pipe	14 In Duct Iron Pipe	LF
619-06160	16 Inch Ductile Iron Pipe	16 In Duct Iron Pipe	LF
619-06161	16 Inch Ductile Iron Pipe (Auger Bored)	16 In Duct Iron Pipe (AB)	LF
619-06180	18 Inch Ductile Iron Pipe	18 In Duct Iron Pipe	LF
619-06200	20 Inch Ductile Iron Pipe	20 In Duct Iron Pipe	LF
619-06210	21 Inch Ductile Iron Pipe	21 In Duct Iron Pipe	LF
619-06240	24 Inch Ductile Iron Pipe	24 In Duct Iron Pipe	LF
619-06300	30 Inch Ductile Iron Pipe	30 In Duct Iron Pipe	LF
619-06360	36 Inch Ductile Iron Pipe	36 In Duct Iron Pipe	LF
619-06440	42 Inch Ductile Iron Pipe (Restrained) (Furnish Only)	42 In Duct Iron Pipe (Restrain) (Furn)	LF
619-06441	42 Inch Ductile Iron Pipe (Restrained)(Install Only)	42 Inch Ductile Iron Pipe(Res)(Instl)	LF
619-06450	42 Inch Ductile Iron Pipe (Non Restrained) (Furnish Only)	42 In Duct Iron Pipe (NonRstrain) (Furn)	LF
619-06451	42 Inch Ductile Iron Pipe (Non-Restrained)(Install Only)	42 In Ductile Iron Pipe(Non-Res)(Instl)	LF
619-07060	Place 6 Inch Ductile Iron Pipe	Place 6 In Duct Iron Pipe	LF
619-07080	Place 8 Inch Ductile Iron Pipe	Place 8 In Duct Iron Pipe	LF
619-07100	Place 10 Inch Ductile Iron Pipe	Place 10 In Duct Iron Pipe	LF
619-07120	Place 12 Inch Ductile Iron Pipe	Place 12 In Duct Iron Pipe	LF
619-07160	Place 16 Inch Ductile Iron Pipe	Place 16 In Duct Iron Pipe	LF
619-07200	Place 20 Inch Ductile Iron Pipe	Place 20 In Duct Iron Pipe	LF
619-07360	Place 36 Inch Ductile Iron Pipe	Place 36 In Duct Iron Pipe	LF
619-10000	Temporary Water Line	Temp Water Line	LF
619-10020	2 Inch Welded Steel Pipe	2 In Weld Steel Pipe	LF
619-10027	2 Inch Welded Steel Pipe (Jacked)	2 In Weld Steel Pipe (J)	LF
619-10040	4 Inch Welded Steel Pipe	4 In Weld Steel Pipe	LF
619-10047	4 Inch Welded Steel Pipe (Jacked)	4 In Weld Steel Pipe (J)	LF
619-10060	6 Inch Welded Steel Pipe	6 In Weld Steel Pipe	LF
619-10067	6 Inch Welded Steel Pipe (Jacked)	6 In Weld Steel Pipe (J)	LF
619-10080	8 Inch Welded Steel Pipe	8 In Weld Steel Pipe	LF
619-10081	Welded Steel Pipe (8 Inch) (Install Only)	Weld Steel Pipe (8 In) (Inst Only)	LF
619-10087	8 Inch Welded Steel Pipe (Jacked)	8 In Weld Steel Pipe (J)	LF
619-10100	10 Inch Welded Steel Pipe	10 In Weld Steel Pipe	LF
619-10120	12 Inch Welded Steel Pipe	12 In Weld Steel Pipe	LF
619-10127	12 Inch Welded Steel Pipe (Jacked)	12 In Weld Steel Pipe (J)	LF
619-10140	14 Inch Welded Steel Pipe	14 In Weld Steel Pipe	LF
619-10160	16 Inch Welded Steel Pipe	16 In Weld Steel Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-10161	16 Inch Welded Steel Pipe (Install Only)	Inst 16 In Weld Steel Pipe	LF
619-10167	16 Inch Welded Steel Pipe (Jacked)	16 In Weld Steel Pipe (J)	LF
619-10180	18 Inch Welded Steel Pipe	18 In Weld Steel Pipe	LF
619-10187	18 Inch Welded Steel Pipe (Jacked)	18 In Weld Steel Pipe (J)	LF
619-10200	20 Inch Welded Steel Pipe	20 In Weld Steel Pipe	LF
619-10201	20 Inch Welded Steel Pipe (Special)	20 In Welded Steel Pipe (Spec.)	LF
619-10207	20 Inch Welded Steel Pipe (Jacked)	20 In Weld Steel Pipe (J)	LF
619-10220	22 Inch Welded Steel Pipe	22 In Weld Steel Pipe	LF
619-10227	22 Inch Welded Steel Pipe (Jacked)	22 In Weld Steel Pipe (J)	LF
619-10240	24 Inch Welded Steel Pipe	24 In Weld Steel Pipe	LF
619-10241	24 Inch Welded Steel Pipe (Install Only)	24 In Weld Steel Pipe (IO)	EACH
619-10247	24 Inch Welded Steel Pipe (Jacked)	24 In Weld Steel Pipe (J)	LF
619-10270	27 Inch Welded Steel Pipe	27 In Weld Steel Pipe	LF
619-10277	27 Inch Welded Steel Pipe (Jacked)	27 In Weld Steel Pipe (J)	LF
619-10300	30 Inch Welded Steel Pipe	30 In Weld Steel Pipe	LF
619-10307	30 Inch Welded Steel Pipe (Jacked)	30 In Weld Steel Pipe (J)	LF
619-10310	32 Inch Welded Steel Pipe	32 In Weld Steel Pipe	LF
619-10360	36 Inch Welded Steel Pipe	36 In Weld Steel Pipe	LF
619-10367	36 Inch Welded Steel Pipe (Jacked)	36 In Weld Steel Pipe (J)	LF
619-10368	36 Inch Welded Steel Pipe (Jacked) (Install Only)	36 In Weld Steel Pipe (J) (IO)	LF
619-10400	40 Inch Welded Steel Pipe	40 In Weld Steel Pipe	LF
619-10420	42 Inch Welded Steel Pipe	42 In Weld Steel Pipe	LF
619-10423	42 Inch Welded Steel Pipe (Slip Lined)	42 In Weld Steel Pipe (S L)	LF
619-10425	42 Inch Welded Steel Pipe (Special)	42 In Weld Steel Pipe (Spec)	LF
619-10427	42 Inch Welded Steel Pipe (Jacked)	42 In Weld Steel Pipe (J)	LF
619-10480	48 Inch Welded Steel Pipe	48 In Weld Steel Pipe	LF
619-10481	48 Inch Welded Steel Pipe (Install Only)	Inst 48 In Weld Steel Pipe	LF
619-10487	48 Inch Welded Steel Pipe (Jacked)	48 In Weld Steel Pipe (J)	LF
619-10545	54 Inch Welded Steel Pipe (Special)	54 In Weld Steel Pipe (Spec)	LF
619-10547	54 Inch Welded Steel Pipe (Jacked)	54 In Weld Steel Pipe (J)	LF
619-10600	60 Inch Welded Steel Pipe	60 In Weld Steel Pipe	LF
619-10607	60 Inch Welded Steel Pipe (Jacked)	60 In Wed Steel Pipe (J)	LF
619-10640	64 Inch Welded Steel Pipe	64 In Weld Steel Pipe	LF
619-10660	66 Inch Welded Steel Pipe	66 In Weld Steel Pipe	LF
619-10665	66 Inch Welded Steel Pipe (Jacked)	66 In Weld Steel Pipe (J)	LF
619-10720	72 Inch Welded Steel Pipe	72 In Weld Steel Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-10721	72 Inch Welded Steel Pipe (Install Only)	72 In Weld Steel Pipe (IO)	L S
619-10727	72 Inch Welded Steel Pipe (Jacked)	72 In Weld Steel Pipe (J)	LF
619-10728	72 Inch Welded Steel Pipe (Jacked) (Install Only)	72 In Weld Steel Pipe (J) (IO)	LF
619-10730	78 Inch Welded Steel Pipe (Jacked) (Install Only)	78 In Weld Steel Pipe (J) (IO)	LF
619-10847	84 Inch Welded Steel Pipe (Jacked)	84 In Weld Steel Pipe (J)	LF
619-10900	90 Inch Welded Steel Pipe	90 In Weld Steel Pipe	LF
619-11085	108 Inch Welded Steel Pipe (Special)	108 In Weld Steel Pipe (Spec)	LF
619-11087	108 Inch Welded Steel Pipe (Jacked)	108 In Weld Steel Pipe (J)	LF
619-11120	Place 12 Inch Welded Steel Pipe	Place 12 In Weld Steel Pipe	LF
619-11160	Place 16 Inch Welded Steel Pipe	PI 16 In Weld Steel Pipe	LF
619-11200	Place 20 Inch Welded Steel Pipe	Place 20 In Weld Steel Pipe	LF
619-11240	Place 24 Inch Welded Steel Pipe	Place 24 In Weld Steel Pipe	LF
619-11300	Place 30 Inch Welded Steel Pipe	Place 30 In Weld Steel Pipe	LF
619-12040	4 Inch Water Well Pipe	4 In Water Well Pipe	LF
619-21270	27 Inch Water Transmission Line	27 In Water Trans Line	LF
619-21300	30 Inch Water Transmission Line	30 In Water Trans Line	LF
619-21360	36 Inch Water Transmission Line	36 In Water Trans Line	LF
619-30000	60 Inch Internal Joint Seals	60 In Internal Joint Seals	EACH
619-30040	1/2 Inch Galvanized Pipe	1/2 In Galv Pipe	LF
619-30060	3/4 Inch Galvanized Pipe	3/4 In Galv Pipe	LF
619-30080	1 Inch Galvanized Pipe	1 In Galv Pipe	LF
619-30100	1-1/4 Inch Galvanized Pipe	1-1/4 In Galv Pipe	LF
619-30120	1-1/2 Inch Galvanized Pipe	1-1/2 In Galv Pipe	LF
619-30160	2 Inch Galvanized Pipe	2 In Galv Pipe	LF
619-30200	2-1/2 Inch Galvanized Pipe	2-1/2 In Galv Pipe	LF
619-30240	3 Inch Galvanized Pipe	3 In Galv Pipe	LF
619-30320	4 Inch Galvanized Pipe	4 In Galv Pipe	LF
619-30480	6 Inch Galvanized Pipe	6 In Galv Pipe	LF
619-30481	1 Inch Black Steel Pipe	1 In Blk Steel Pipe	LF
619-30482	1-1/4 Inch Black Steel Pipe	1-1/4 In Blk Steel Pipe	LF
619-30485	6 Inch Black Steel Pipe	6 In Blk Steel Pipe	LF
619-30640	8 Inch Galvanized Pipe	8 In Galv Pipe	LF
619-30800	10 Inch Galvanized Pipe	10 In Galv Pipe	LF
619-40060	3/4 Inch Copper Pipe	3/4 In Copper Pipe	LF
619-40065	3/4 Inch Copper Pipe (Furnish Only)	Furn 3/4 In Copper Pipe	LF
619-40080	1 Inch Copper Pipe	1 In Copper Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-40100	1-1/4 Inch Copper Pipe	1-1/4 In Copper Pipe	LF
619-40120	1-1/2 Inch Copper Pipe	1-1/2 In Copper Pipe	LF
619-40160	2 Inch Copper Pipe	2 In Copper Pipe	LF
619-40200	2-1/2 Inch Copper Pipe	2-1/2 In Copper Pipe	LF
619-40240	3 Inch Copper Pipe	3 In Copper Pipe	LF
619-40250	4 Inch Copper Pipe	4 In Copper Pipe	LF
619-50020	1/4 Inch Plastic Pipe	1/4 In Plastic Pipe	LF
619-50030	3/8 Inch Plastic Pipe	3/8 In Plastic Pipe	LF
619-50040	1/2 Inch Plastic Pipe	1/2 In Plastic Pipe	LF
619-50060	3/4 Inch Plastic Pipe	3/4 In Plastic Pipe	LF
619-50061	3/4 Inch Plastic Pipe (Install Only)	Inst 3/4 In Plastic Pipe	LF
619-50080	1 Inch Plastic Pipe	1 In Plastic Pipe	LF
619-50100	1-1/4 Inch Plastic Pipe	1-1/4 In Plastic Pipe	LF
619-50120	1-1/2 Inch Plastic Pipe	1-1/2 In Plastic Pipe	LF
619-50160	2 Inch Plastic Pipe	2 In Plastic Pipe	LF
619-50200	2-1/2 Inch Plastic Pipe	2-1/2 In Plastic Pipe	LF
619-50235	3 Inch Plastic Pipe (Special)	3 In Plastic Pipe (Spec)	LF
619-50240	3 Inch Plastic Pipe	3 In Plastic Pipe	LF
619-50320	4 Inch Plastic Pipe	4 In Plastic Pipe	LF
619-50321	4 Inch Plastic Pipe (Install Only)	Inst 4 In Plastic Pipe	LF
619-50325	4 Inch Plastic Pipe (Special)	4 In Plastic Pipe (Spec)	LF
619-50480	6 Inch Plastic Pipe	6 In Plastic Pipe	LF
619-50481	6 Inch Plastic Pipe (Install Only)	Inst 6 In Plastic Pipe	LF
619-50482	6 Inch Plastic Pipe (Special)	6 In Plastic Pipe (Spec)	LF
619-50640	8 Inch Plastic Pipe	8 In Plastic Pipe	LF
619-50641	8 Inch Plastic Pipe (Install Only)	Inst 8 In Plastic Pipe	LF
619-50800	10 Inch Plastic Pipe	10 In Plastic Pipe	LF
619-50801	10 Inch Plastic Pipe (Special)	10 In Plastic Pipe (Spec)	LF
619-50960	12 Inch Plastic Pipe	12 In Plastic Pipe	LF
619-50961	12 Inch Plastic Pipe (Install Only)	Inst 12 In Plastic Pipe	LF
619-50962	12 Inch Plastic Pipe (Fusible)	12 In Plastic Pipe (Fusible)	LF
619-51100	14 Inch Plastic Pipe	14 In Plastic Pipe	LF
619-51200	15 Inch Plastic Pipe	15 In Plastic Pipe	LF
619-51280	16 Inch Plastic Pipe	16 In Plastic Pipe	LF
619-51290	18 Inch Plastic Pipe	18 In Plastic Pipe	LF
619-51291	18 Inch Plastic Pipe (Install Only)	Inst 18 In Plastic Pipe	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-51300	20 Inch Plastic Pipe	20 In Plastic Pipe	LF
619-51320	24 Inch Plastic Pipe	24 In Plastic Pipe	LF
619-51330	27 Inch Plastic Pipe	27 In Plastic Pipe	LF
619-62480	6 Inch Water Supply Pipe	6 In Water Sup Pipe	LF
619-71000	Place Valve	Place Valve	EACH
619-71508	1 Inch Air and Vacuum Valve	1 In Air and Vacuum Valve	EACH
619-71516	2 Inch Air and Vacuum Valve	2 In Air and Vacuum Valve	EACH
619-71524	3 Inch Air and Vacuum Valve	3 In Air and Vacuum Valve	EACH
619-71532	4 Inch Air and Vacuum Valve	4 In Air and Vacuum Valve	EACH
619-71548	6 Inch Air and Vacuum Valve	6 In Air and Vacuum Valve	EACH
619-71596	12 Inch Air and Vacuum Valve	12 In Air and Vacuum Valve	EACH
619-71628	16 Inch Air and Vacuum Valve	16 In Air and Vacuum Valve	EACH
619-72000	Guard Valve with Megalugs	Guard Valve with Megalugs	EACH
619-72024	3 Inch Pressure Reducing Valve	3 In Press Reducing Valve	EACH
619-72048	6 Inch Pressure Reducing Valve	6 In Press Reducing Valve	EACH
619-72644	18 Inch Pressure Regulating Valve	18 In Press Regulating Valve	EACH
619-73000	PRV Vault	PRV Vault	EACH
619-73008	1 Inch Blow Off	1 In Blow Off	EACH
619-73016	2 Inch Blow Off	2 In Blow Off	EACH
619-73032	4 Inch Blow Off	4 In Blow Off	EACH
619-73048	6 Inch Tangential Blow Off	6 In Tangent Blow Off	EACH
619-73050	6 Inch Blow Off Valve and Vault	6 In Blow Off and Vault	EACH
619-73051	6 Inch Air Valve Access Manhole Assembly	6 In Air Val Accs MH Assm	EACH
619-73064	8 Inch Tangential Blow Off	8 In Tangent Blow Off	EACH
619-75000	Cast Iron Valve Box	Cast Iron Valve Box	EACH
619-75003	1/2 Inch Relief Valve	1/2 In Relief Valve	EACH
619-75004	1/2 Inch Gate Valve	1/2 In Gate Valve	EACH
619-75008	1 Inch Gate Valve	1 In Gate Valve	EACH
619-75012	1-1/2 Inch Gate Valve	1-1/2 In Gate Valve	EACH
619-75016	2 Inch Gate Valve	2 In Gate Valve	EACH
619-75020	2-1/2 Inch Gate Valve	2-1/2 In Gate Valve	EACH
619-75024	3 Inch Gate Valve	3 In Gate Valve	EACH
619-75032	4 Inch Gate Valve	4 In Gate Valve	EACH
619-75048	6 Inch Gate Valve	6 In Gate Valve	EACH
619-75064	8 Inch Gate Valve	8 In Gate Valve	EACH
619-75080	10 Inch Gate Valve	10 In Gate Valve	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-75096	12 Inch Gate Valve	12 In Gate Valve	EACH
619-75100	12-Inch Valve Insertion	12-In Valve Insertion	EACH
619-75112	14 Inch Gate Valve	14 In Gate Valve	EACH
619-75116	16 Inch Gate Valve	16 In Gate Valve	EACH
619-75160	20 Inch Gate Valve	20 In Gate Valve	EACH
619-75161	20 Inch Gate Valve (Install Only)	Inst 20 In Gate Valve	EACH
619-75192	24 Inch Gate Valve	24 In Gate Valve	EACH
619-76096	12 Inch Eccentric Plug Valve	12 In Eccentric Plug Valve	EACH
619-76120	12 Inch Butterfly Valve	12 In Btrfly Valve	EACH
619-76124	14 Inch Butterfly Valve	14 In Btrfly Valve	EACH
619-76128	16 Inch Butterfly Valve	16 In Btrfly Valve	EACH
619-76129	16 Inch Butterfly Valve (Install Only)	Inst 16 In Btrfly Valve	EACH
619-76144	18 Inch Butterfly Valve	18 In Btrfly Valve	EACH
619-76160	20 Inch Butterfly Valve	20 In Btrfly Valve	EACH
619-76192	24 Inch Butterfly Valve	24 In Btrfly Valve	EACH
619-76193	24 Inch Butterfly Valve	Inst 24 In Btrfly Valve	EACH
619-76240	30 Inch Butterfly Valve	30 In Btrfly Valve	EACH
619-76241	30 Inch Butterfly Valve (Install Only)	Inst 30 In Btrfly Valve	EACH
619-76288	36 Inch Butterfly Valve	36 In Btrfly Valve	EACH
619-76384	48 Inch Butterfly Valve	48 In Btrfly Valve	EACH
619-76932	4 Inch Ball Valve	4 In Ball Valve	EACH
619-77064	8 Inch Check Valve	8 In Check Valve	EACH
619-77100	24 Inch x 30 Inch Ductile Iron Pipe Reducer	24 In x 30 In DIP Reducer	EACH
619-77200	8 Inch Restrained Plug	8 In Restrained Plug	EACH
619-77206	6-Inch Restrained Coupling Adapter	6-In Restrained Coupling Adapter	EACH
619-77208	8-Inch Restrained Coupling Adapter	8-In Restrained Coupling Adapter	EACH
619-77210	Restrained Plug (Special)	Restrained Plug (Spec)	EACH
619-77212	12-Inch Restrained Coupling Adapter	12-In Restrained Coupling Adapter	EACH
619-77216	16-Inch Restrained Coupling Adapter	16-In Restrained Coupling Adapter	EACH
619-77300	Corporation Stop	Corporation Stop	EACH
619-77400	Curb Stop and Box	Curb Stop and Box	EACH
619-78005	Concrete Pad with Fire Department Connection	Conc Pad w/Fire Dept Connect	L S
619-78034	4-1/4 Inch Fire Hydrant	4-1/4 In Fire Hydrant	EACH
619-78036	4-1/2 Inch Fire Hydrant	4-1/2 In Fire Hydrant	EACH
619-78042	5-1/4 Inch Fire Hydrant	5-1/4 In Fire Hydrant	EACH
619-78048	6 Inch Fire Hydrant	6 In Fire Hydrant	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
619-78049	6 Inch Fire Hydrant (Install Only)	Inst 6 In Fire Hydrant	EACH
619-79064	8 Inch Expansion Joint (Single Slip)	8 In Expan Joint (S Slip)	EACH
619-79065	8 Inch Expansion Joint (Double Slip)	8 In Expan Joint (D Slip)	EACH
619-79070	12 Inch Expansion Joint (Single Slip)	12 In Expan Joint (S Slip)	EACH
619-80000	Cathodic Protection	Cathodic Protection	L S
619-80005	Cathodic Protection (Special)	Cathodic Protection (Spec)	L S
620-00001	Field Office (Class 1)	Field Office (CL 1)	EACH
620-00002	Field Office (Class 2)	Field Office (CL 2)	EACH
620-00005	Field Office (Special)	Field Office (Spec)	EACH
620-00009	Field Office (State Furnished)	Field Office (State Furn)	EACH
620-00011	Field Laboratory (Class 1)	Field Lab (CL 1)	EACH
620-00012	Field Laboratory (Class 2)	Field Lab (CL 2)	EACH
620-00013	Field Laboratory (Class 3)	Field Lab (CL 3)	EACH
620-00014	Field Laboratory (Special)	Field Lab (Spec)	EACH
620-00015	Field Laboratory (State Furnished)	Field Lab (State Furn)	EACH
620-00018	Field Office and Laboratory Facility	Field Office + Lab Facil	L S
620-00020	Sanitary Facility	Sanitary Facility	EACH
620-00035	Sand Storage Facility	Sand Storage Facility	L S
620-00040	Liquidated Damages	Liquidated Damages	DOL
620-00045	Liquidated Damages	Liquidated Damages	DAY
621-00110	Railroad Track (Ballasted) (133 Lb)	RR Track (Ballasted) (133Lb)	LF
621-00115	No.10 Railroad Crossover (Ballasted) (CIP)	No.10 RR Crossover (Ballasted) (CIP)	EACH
621-00120	No.10 Railroad Turnout (Ballasted) (CIP)	No.10 RR Turnout (Ballasted) (CIP)	EACH
621-00200	Haul Road	Haul Road	L S
621-00202	Haul Road (Special)	Haul Road (Spec)	SY
621-00300	Haul Road Bridge	Haul Road Brdg	EACH
621-00400	Detour Bridge	Detour Brdg	EACH
621-00411	Structure Temporary Access Road (Location 1)	Str Temp Acc Rd (Loc 1)	L S
621-00412	Structure Temporary Access Road (Location 2)	Str Temp Acc Rd (Loc 2)	L S
621-00425	Detour	Detour	L S
621-00430	Detour	Detour	SY
621-00450	Detour Pavement	Detour Pvmt	SY
621-00451	Detour Pavement	Detour Pavement	TON
621-00452	Detour Pavement (Maintain)	Detour Pavement (Maintain)	SY
621-00475	Maintenance of Detours	Maint of Detours	L S
621-00500	Temporary Bridge	Temp Brdg	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
621-00510	Temporary Bridge	Temp Bridge	SF
621-00520	Temporary Abutment	Temp Abutment	L S
621-00530	Overhead Contact System (OCS) Temporary Protective Structure	OCS Temp Protect Str	LF
621-00600	Pedestrian Overpass	Ped Overpass	L S
621-00650	Pedestrian Stair Structure	Ped Stair Str	L S
621-00675	Pedestrian Shed Assembly	Ped Shed Assembly	EACH
621-00700	Pedestrian Pathway	Ped Pathway	L S
621-00800	Temporary Straddle Bent	Temp Straddle Bent	EACH
622-00000	Sewage Pumping	Sewage Pumping	EACH
622-00010	Bicycle Rack	Bicycle Rack	EACH
622-00011	Bicycle Locker	Bicycle Locker	EACH
622-00020	Motorcycle Rack	Motorcycle Rack	EACH
622-00023	Glyphs	Glyphs	EACH
622-00024	Entry Sign	Entry Sign	EACH
622-00025	Information Sign Board	Info Sign Board	EACH
622-00026	Information Sign Board (Install Only)	Inst Info Sign Board	EACH
622-00027	Information Sign Board (Furnish Only)	Info Sign Board (Furnish Only)	EACH
622-00031	Information Sign Board (Special) (Install Only)	Inst Info Sign Board (Spec)	EACH
622-00042	Historical Sign Structure (2 Panel)	Historic Sign Str (2 Panel)	EACH
622-00044	Historical Sign Structure (4 Panel)	Historic Sign Str (4 Panel)	EACH
622-00046	Historical Sign Structure (4 Panel) (Tee)	Historic Sign Str (4 Panel) (Tee)	EACH
622-00050	Information Center	Info Center	EACH
622-00060	Sign Panel (Original) (Type A) (Furnish Only)	Furn Sign Panel (Orig) (Ty A)	EACH
622-00062	Sign Panel (Original) (Type B) (Furnish Only)	Furn Sign Panel (Orig) (Ty B)	EACH
622-00064	Sign Panel (Copy) (Furnish Only)	Furn Sign Panel (Copy)	EACH
622-00066	Sign Panel (Install Only)	Inst Sign Panel	EACH
622-00096	Shelter (Install Only)	Shelter (Install Only)	EACH
622-00100	Shade Shelter	Shade Shelter	EACH
622-00101	Shade Shelter Double	Shade Shelter Double	EACH
622-00150	Planter Box	Planter Box	EACH
622-00155	Planter Box (Special)	Planter Box (Spec)	EACH
622-00160	Concrete Planter Box Base (Colored)	Conc Planter Box Base (Col)	EACH
622-00200	Table	Table	EACH
622-00201	Table (Install Only)	Inst Table	EACH
622-00250	Bench	Bench	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
622-00251	Bench (Install Only)	Inst Bench	EACH
622-00270	Bollard	Bollard	EACH
622-00300	Barbecue Grill	BBQ Grill	EACH
622-00301	Barbecue Grill (Install Only)	Inst BBQ Grill	EACH
622-00350	Trash Receptacle	Trash Receptacle	EACH
622-00352	Trash Receptacle (Bear Resistant)(Special)	Trash Receptacle (Bear Resist)(Special)	EACH
622-00400	Drinking Fountain	Drinking Fountain	EACH
622-00450	Ash Urn	Ash Urn	EACH
622-00500	Trailer Pad	Trailer Pad	EACH
622-00540	Wheel Stop	Wheel Stop	EACH
622-00550	Wheel Stop (Concrete)	Wheel Stop (Conc)	EACH
622-00560	Wheel Stop (Timber)	Wheel Stop (Timber)	EACH
622-00600	Pump Pit	Pump Pit	EACH
622-00606	6 Inch Pump	6 In Pump	EACH
622-00612	12 Inch Pump	12 In Pump	EACH
622-00700	Pump House	Pump House	EACH
622-00705	Guard House	Guard House	L S
622-00710	Well Pump	Well Pump	EACH
622-00715	Monitoring Wells	Monitor Wells	LF
622-00720	Pump Station	Pump Station	L S
622-00750	Sewage Lift Station	Sewage Lift Station	EACH
622-00800	Comfort Station	Comfort Station	EACH
622-00802	Comfort Station (2x2)	Comfort Station (2x2)	EACH
622-00803	Comfort Station (3x3)	Comfort Station (3x3)	EACH
622-00804	Comfort Station (4x4)	Comfort Station (4x4)	EACH
622-00805	Comfort Station (5x5)	Comfort Station (5x5)	EACH
622-00806	Comfort Station (6x6)	Comfort Station (6x6)	EACH
622-00810	Comfort Station (10x10)	Comfort Station (10x10)	EACH
622-00820	Comfort Station Buildings With Utilities	Comfort Station Buildings With Utilities	L S
622-00825	Modify Building	Mod Building	L S
622-00826	Ceramic Tile & Grout	Ceramic Tile & Grout	SF
622-00830	Remodel Building (Brick)	Remodel Building (Brick)	EACH
622-00835	Remodel Building (Metal)	Remodel Building (Metal)	EACH
622-00840	Garage Door (Furnish Only)	Garage Door (Furnish Only)	EACH
622-00841	Garage Door (Install Only)	Garage Door (Install Only)	EACH
622-00842	Garage Door - Fire Rated (Furnish Only)	Grge Door - Fire Rated (Furn Only)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
622-00843	Garage Door - Fire Rated (Install Only)	Grge Door - Fire Rated (Instl Only)	EACH
622-00844	Barrier Gate Lifting Mechanism (Furnish Only)	Barrier Gate Lifting Mech (Furn Only)	EACH
622-00845	Barrier Gate Lifting Mechanism (Install Only)	Barrier Gate Lifting Mech (Install Only)	EACH
622-00846	Barrier Gate	Barrier Gate	EACH
622-00850	Trailer Sanitary Station	Trailer Sani Station	EACH
622-00860	Trailer Sanitary Station (Dry Vault)	Trailer Sani Station (Dry Vlt)	EACH
622-00870	Sewage Receiving Facility	Sewage Receiving Facil	L S
622-00900	Control Building	Control Building	L S
622-01000	Leaching Field	Leaching Field	SY
622-01005	Leaching Field	Leaching Field	LF
622-01010	Leaching Field Distribution System	Leach Field Dist Sys	L S
622-01015	4 Inch Automatic Control Valve	4 In Auto Ctrl Valve	EACH
622-01025	Pond Lining	Pond Lining	SY
622-01050	Septic Tank (500 Gal)	Septic Tank (500 Gal)	EACH
622-01060	Septic Tank (600 Gal)	Septic Tank (600 Gal)	EACH
622-01080	Septic Tank (800 Gal)	Septic Tank (800 Gal)	EACH
622-01100	Septic Tank (1000 Gal)	Septic Tank (1000 Gal)	EACH
622-01125	Septic Tank (1250 Gal)	Septic Tank (1250 Gal)	EACH
622-01200	Septic Tank (2000 Gal)	Septic Tank (2000 Gal)	EACH
622-01250	Septic Tank (2500 Gal)	Septic Tank (2500 Gal)	EACH
622-01300	Septic Tank (3000 Gal)	Septic Tank (3000 Gal)	EACH
622-01400	Septic Tank (4000 Gal)	Septic Tank (4000 Gal)	EACH
622-01499	Septic Tank (1500 Gallon)	Septic Tank (1500 Gal)	EACH
622-01500	Septic Tank (5000 Gal)	Septic Tank (5000 Gal)	EACH
622-01550	Septic Tank (5500 Gal)	Septic Tank (5500 Gal)	EACH
622-01700	Septic Tank (7000 Gal)	Septic Tank (7000 Gal)	EACH
622-01800	Septic Tank (8000 Gal)	Septic Tank (8000 Gal)	EACH
622-02200	Septic Tank (22000 Gal)	Septic Tank (22000 Gal)	EACH
622-02500	Sewage Holding Tank (5000 Gal)	Sewage Tank (5000 Gal)	EACH
622-03000	Sewage Treatment Plant Building	Sewage Treat Plant Bldg	EACH
622-03010	Clean Existing Treatment Plant	Clean Exist Treat Plant	L S
622-03030	Sewage Treatment Plant (3000 Gal)	Sewage Treat Plant (3000 Gal)	EACH
622-03060	Sewage Treatment Plant (6000 Gal)	Sewage Treat Plant (6000 Gal)	EACH
622-03080	Sewage Treatment Plant (8000 Gal)	Sewage Treat Plant (8000 Gal)	EACH
622-03250	Sewage Treatment Plant (25000 Gal)	Sewage Treat Plant (25000 Gal)	EACH
622-03260	Sanitary Sewer Vault	Sani Sewer Vault	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
622-03262	Sanitary Vault Restroom (Special)	Sani Vault Restroom (Special)	L S
622-03270	Wastewater System	Waste System	L S
622-03300	Percolation Test	Percolation Test	EACH
622-03550	Alum Feed System	Alum Feed System	L S
622-03600	Potable Water Filter System	Potable Water Filter System	L S
622-04000	Water Treatment Plant	Water Treat Plant	L S
622-04025	Water Supply for Existing Sewage Treatment Plant	Water Sup for Exist Sewage Treat Plant	L S
622-04035	Water Storage Facility	Water Storage Facility	L S
622-04100	Cistern (1000 Gal)	Cistern (1000 Gal)	EACH
622-04200	Cistern (2000 Gal)	Cistern (2000 Gal)	EACH
622-05150	Storage Tank (1500 Gal)	Storage Tank (1500 Gal)	EACH
622-05500	Storage Tank (500 Gal)	Storage Tank (500 Gal)	EACH
622-05501	Storage Tank (1000 Gal)	Storage Tank (1000 Gal)	EACH
622-05503	Storage Tank (3000 Gal)	Storage Tank (3000 Gal)	EACH
622-05506	Storage Tank (6000 Gal)	Storage Tank (6000 Gal)	EACH
622-05513	Storage Tank (13000 Gal)	Storage Tank (13000 Gal)	EACH
622-05540	Storage Tank (40000 Gal)	Storage Tank (40000 Gal)	EACH
622-06000	Spring Box	Spring Box	EACH
622-06150	Polishing Tank (15000 Gal)	Polishing Tank (15000 Gal)	EACH
622-06200	Aeration Pump and Diffuser	Aeration Pump + Diffuser	EACH
622-06300	Chlorine Contact Basin	Chlorine Contact Basin	EACH
622-07100	Propane Tank (1000 Gal)	Propane Tank (1000 Gal)	EACH
622-10000	Port of Entry Building	Port of Entry Bldg	EACH
622-10090	Scale Pit and Scales	Scale Pit and Scales	EACH
622-10100	Scale Pit and Approach Slabs	Scale Pit + Approach Slabs	EACH
622-10110	Scale Pit and Weigh Beam	Scale Pit and Weigh Beam	L S
622-10200	Sump Pump	Sump Pump	EACH
622-11010	Maintenance Building	Maint Bldg	L S
622-11020	Entry Station Building	Entry Station Bldg	L S
622-11050	Ridestop Building	Ridestop Bldg	EACH
622-11052	Ridestop Building (Temporary)	Ridestop Bldg (Temp)	EACH
622-11055	Truck Inspection Pit	Truck Inspect Pit	EACH
622-11060	Welcome Center Building	Welcome Center Bldg	L S
622-11080	Parking Structure	Parking Structure	L S
622-11100	Storage Building	Storage Bldg	EACH
622-11150	Building Foundation	Bldg Foundation	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
622-11160	Erect Building	Erect Bldg	L S
622-11170	HVAC	HVA	L S
622-11180	Building Plumbing Piping Systems	Bldg Plumbing Piping System	L S
622-20080	Flagpole	Flagpole	EACH
622-20100	Precast Colored Concrete Cap	Prec Col Conc Cap	LF
622-20200	Skate Board Protection	Skate Bd Prot	EACH
623-00050	Hose Swivel	Hose Swivel	EACH
623-00060	Hose Bib	Hose Bib	EACH
623-00154	Shrubbery Spray and Flood Irrigator	Shrub Spray + Flood Irrig	EACH
623-00156	Irrigation Bubbler	Irrig Bubbler	EACH
623-00162	Drip Emitter Tubing	Drip Emit Tubing	LF
623-00163	Multi-Outlet Drip Emitter (w/Access Sleeve)	Multi-Out Drip Emit (w/Sleeve)	EACH
623-00164	Drip Emitter	Drip Emit	EACH
623-00165	Emitter Valve Assembly	Emit Valve Assembly	EACH
623-00166	3/4 Inch Emitter Valve Assembly	3/4 In Emit Valve Assembly	EACH
623-00168	1 Inch Emitter Valve Assembly	1 In Emit Valve Assembly	EACH
623-00184	1/2 Inch Flush Unit	1/2 In Flush Unit	EACH
623-00185	1/2 Inch Air Relief Unit	1/2 In Air Relief Unit	EACH
623-00186	3/4 Inch Flush Unit	3/4 In Flush Unit	EACH
623-00187	3/4 Inch Air Relief Unit	3/4In Air Relief Unit	EACH
623-00200	Sprinkler Head Protector	Sprinkler Head Protector	EACH
623-00204	Pop-Up Lawn Spray	Pop-Up Lawn Spray	EACH
623-00205	4 Inch Pop-Up Spray Sprinkler	4 In Pop-Up Spray Spr	EACH
623-00206	6 Inch Pop-Up Spray Sprinkler	6 In Pop-Up Spray Spr	EACH
623-00212	12 Inch Pop-Up Spray Sprinkler	12 In Pop-Up Spray Spr	EACH
623-00304	1/2 Inch Pop-Up Rotary Sprinkler	1/2 In Pop-Up Rotary Spr	EACH
623-00306	3/4 Inch Pop-Up Rotary Sprinkler	3/4 In Pop-Up Rotary Spr	EACH
623-00308	1 Inch Pop-Up Rotary Sprinkler	1 In Pop-Up Rotary Spr	EACH
623-00310	1-1/4 Inch Pop-Up Rotary Sprinkler	1-1/4 In Pop-Up Rotary Spr	EACH
623-00312	1-1/2 Inch Pop-Up Rotary Sprinkler	1-1/2 In Pop-Up Rotary Spr	EACH
623-00328	3-1/2 Inch Pop-Up Rotary Sprinkler	3-1/2 In Pop-Up Rotary Spr	EACH
623-00332	4 Inch Pop-Up Rotary Sprinkler	4 In Pop-Up Rotary Spr	EACH
623-00336	6 Inch Pop-Up Rotary Sprinkler	6 Inch Pop-Up Rotary Spr	EACH
623-00340	12 Inch Pop-Up Rotary Sprinkler	12 Inch Pop-Up Rotary Spr	EACH
623-00404	1/2 Inch Above Ground Rotary Sprinkler	1/2 In Above Grnd Rotary Spr	EACH
623-00406	3/4 Inch Above Ground Rotary Sprinkler	3/4 In Above Grnd Rotary Spr	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
623-00408	1 Inch Above Ground Rotary Sprinkler	1 In Above Grnd Rotary Spr	EACH
623-00410	1-1/4 Inch Above Ground Rotary Sprinkler	1-1/4 In Above Grnd Rotary Spr	EACH
623-00412	1-1/2 Inch Above Ground Rotary Sprinkler	1-1/2 In Above Grnd Rotary Spr	EACH
623-00500	Sprinkler Head Protector	Sprinkler Head Protector	EACH
623-00505	5/8 Inch Hose	5/8 In Hose	LF
623-00600	1-1/2 Inch Plastic Pipe	1-1/2 In Plastic Pipe	LF
623-00601	1 Inch Plastic Pipe	1 In Plastic Pipe	LF
623-00602	2 Inch Plastic Pipe (Irrigation/Sleeve)	2 In Plastic Pipe (Irrig/Sleeve)	LF
623-00603	3 Inch Plastic Pipe (Irrigation/Sleeve)	3 In Plastic Pipe (Irrig/Sleeve)	LF
623-00604	4 Inch Plastic Pipe (Irrigation/Sleeve)	4 In Plastic Pipe (Irrig/Sleeve)	LF
623-00606	6 Inch Plastic Pipe (Irrigation/Sleeve)	6 In Plastic Pipe (Irrig/Sleeve)	LF
623-00610	10 Inch Plastic Pipe	10 In Plastic Pipe	LF
623-01506	3/4 Inch Check Valve	3/4 In Check Valve	EACH
623-01512	1-1/2 Inch Check Valve	1-1/2 In Check Valve	EACH
623-01706	3/4 Inch Backflow Preventer	3/4 In Backflow Preventer	EACH
623-01708	1 Inch Backflow Preventer	1 Inch Backflow Preventer	EACH
623-01710	1-1/4 Inch Backflow Preventer	1-1/4 In Backflow Preventer	EACH
623-01712	1-1/2 Inch Backflow Preventer	1-1/2 In Backflow Preventer	EACH
623-01716	2 Inch Backflow Preventer	2 In Backflow Preventer	EACH
623-01720	2-1/2 Inch Backflow Preventer	2-1/2 In Backflow Preventer	EACH
623-01724	3 Inch Backflow Preventer	3 In Backflow Preventer	EACH
623-01732	4 Inch Backflow Preventer	4 In Backflow Preventer	EACH
623-01748	6 Inch Backflow Preventer	6 In Backflow Preventer	EACH
623-01806	3/4 Inch Pressure Reducing Valve	3/4 In Press Reduc Valve	EACH
623-01808	1 Inch Pressure Reducing Valve	1 In Press Reduc Valve	EACH
623-01810	1-1/4 Inch Pressure Reducing Valve	1-1/4 In Press Reduc Valve	EACH
623-01812	1-1/2 Inch Pressure Reducing Valve	1-1/2 In Press Reduc Valve	EACH
623-01816	2 Inch Pressure Reducing Valve	2 In Press Reduc Valve	EACH
623-01824	3 Inch Pressure Reducing Valve	3 In Press Reduc Valve	EACH
623-01832	4 Inch Pressure Reducing Valve	4 In Press Reduc Valve	EACH
623-01848	6 Inch Pressure Reducing Valve	6 In Press Reduc Valve	EACH
623-01906	3/4 Inch Strainer	3/4 In Strainer	EACH
623-01908	1 Inch Strainer	1 In Strainer	EACH
623-01910	1-1/4 Inch Strainer	1-1/4 In Strainer	EACH
623-01912	1-1/2 Inch Strainer	1-1/2 In Strainer	EACH
623-01916	2 Inch Strainer	2 In Strainer	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
623-01924	3 Inch Strainer	3 In Strainer	EACH
623-01932	4 Inch Strainer	4 In Strainer	EACH
623-02004	1/2 Inch Drain Valve	1/2 In Drain Valve	EACH
623-02006	3/4 Inch Drain Valve	3/4 In Drain Valve	EACH
623-02008	1 Inch Drain Valve	1 In Drain Valve	EACH
623-02010	1-1/4 Inch Drain Valve	1-1/4 In Drain Valve	EACH
623-02012	1-1/2 Inch Drain Valve	1-1/2 In Drain Valve	EACH
623-02016	2 Inch Drain Valve	2 In Drain Valve	EACH
623-02104	1/2 Inch Automatic Drain Valve	1/2 In Auto Drain Valve	EACH
623-03004	3/4 In Drip Zone Control Valve	3/4 In Drip Zone Ctrl Valve	EACH
623-03006	3/4 Inch Manual Control Valve	3/4 In Manual Ctrl Valve	EACH
623-03008	1 Inch Manual Control Valve	1 In Manual Ctrl Valve	EACH
623-03010	1-1/4 Inch Manual Control Valve	1-1/4 In Manual Ctrl Valve	EACH
623-03012	1-1/2 Inch Manual Control Valve	1-1/2 In Manual Ctrl Valve	EACH
623-03016	2 Inch Manual Control Valve	2 In Manual Ctrl Valve	EACH
623-03020	2-1/2 Inch Manual Control Valve	2-1/2 In Manual Ctrl Valve	EACH
623-03024	3 Inch Manual Control Valve	3 In Manual Ctrl Valve	EACH
623-03106	3/4 Inch Automatic Control Valve	3/4 In Auto Ctrl Valve	EACH
623-03108	1 Inch Automatic Control Valve	1 In Auto Ctrl Valve	EACH
623-03110	1-1/4 Inch Automatic Control Valve	1-1/4 In Auto Ctrl Val	EACH
623-03112	1-1/2 Inch Automatic Control Valve	1-1/2 In Auto Ctrl Val	EACH
623-03116	2 Inch Automatic Control Valve	2 In Auto Ctrl Valve	EACH
623-03120	2-1/2 Inch Automatic Control Valve	2-1/2 In Auto Ctrl Val	EACH
623-03124	3 Inch Automatic Control Valve	3 In Auto Ctrl Valve	EACH
623-03132	4 Inch Automatic Control Valve	4 In Auto Ctrl Valve	EACH
623-04000	Control Wire 24 Volt	Ctrl Wire 24 Volt	LF
623-04002	Power Source Wire	Power Source Wire	LF
623-04003	Controller Communication Cable	Ctrlr Comm Cable	LF
623-04006	3/4 Inch Quick-Coupler Valve	3/4 In Quick-Coupler	EACH
623-04008	1 Inch Quick-Coupler Valve	1 In Quick-Coupler	EACH
623-04010	1-1/4 Inch Quick-Coupler Valve	1-1/4 In Quick-Coupler	EACH
623-04012	1-1/2 Inch Quick-Coupler Valve	1-1/2 In Quick-Coupler	EACH
623-04016	2 Inch Quick-Coupler Valve	2 In Quick-Coupler	EACH
623-04510	3/4 Inch Ball Valve	3/4 In Ball Valve	EACH
623-04520	2 Inch Ball Valve	2 In Ball Valve	EACH
623-04521	2-1/2 Inch Ball Valve	2-1/2 Inch Ball Valve	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
623-05006	3/4 Inch Gate Valve	3/4 In Gate Valve	EACH
623-05008	1 Inch Gate Valve	1 Inch Gate Valve	EACH
623-05010	1-1/4 Inch Gate Valve	1-1/4 In Gate Valve	EACH
623-05012	1-1/2 Inch Gate Valve	1-1/2 In Gate Valve	EACH
623-05016	2 Inch Gate Valve	2 In Gate Valve	EACH
623-05020	2-1/2 Inch Gate Valve	2-1/2 In Gate Valve	EACH
623-05024	3 Inch Gate Valve	3 In Gate Valve	EACH
623-05032	4 Inch Gate Valve	4 In Gate Valve	EACH
623-05048	6 Inch Gate Valve	6 In Gate Valve	EACH
623-05064	8 Inch Gate Valve	8 In Gate Valve	EACH
623-05096	12 Inch Gate Valve	12 In Gate Valve	EACH
623-05128	16 Inch Gate Valve	16 In Gate Valve	EACH
623-05548	6 Inch Check Valve	6 In Check Valve	EACH
623-06128	16 Inch Butterfly Valve	16 In Btrfly Valve	EACH
623-06502	2 Leg Flow Manifold	2 Leg Flow Manifold	EACH
623-06503	3 Leg Flow Manifold	3 Leg Flow Manifold	EACH
623-06900	Valve Box	Valve Box	EACH
623-06901	Valve Box (Special)	Valve Box (Special)	EACH
623-07006	3/4 Inch Water Meter	3/4 In Water Meter	EACH
623-07008	1 Inch Water Meter	1 In Water Meter	EACH
623-07012	1-1/2 Inch Water Meter	1-1/2 In Water Meter	EACH
623-07016	2 Inch Water Meter	2 In Water Meter	EACH
623-07024	3 Inch Water Meter	3 In Water Meter	EACH
623-07032	4 Inch Water Meter	4 In Water Meter	EACH
623-07048	6 Inch Water Meter	6 In Water Meter	EACH
623-07500	Soil Moisture Sensor	Soil Moisture Sensor	EACH
623-07510	Weather Station	Weather Station	EACH
623-07600	1-1/2 Inch Flow Sensor	1-1/2 In Flow Sensor	EACH
623-07601	1 Inch Flow Sensor	1 In Flow Sensor	EACH
623-07602	2 Inch Flow Sensor	2 In Flow Sensor	EACH
623-07603	3 Inch Flow Sensor	3 In Flow Sensor	EACH
623-07604	4 Inch Flow Sensor	4 In Flow Sensor	EACH
623-07605	5 Inch Flow Sensor	5 In Flow Sensor	EACH
623-07606	6 Inch Flow Sensor	6 In Flow Sensor	EACH
623-08103	3 Station Automatic Controller	3 Station Auto Ctrler	EACH
623-08104	4 Station Automatic Controller	4 Station Auto Ctrler	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
623-08105	5 Station Automatic Controller	5 Station Auto Ctrler	EACH
623-08106	6 Station Automatic Controller	6 Station Auto Ctrler	EACH
623-08107	7 Station Automatic Controller	7 Station Auto Ctrler	EACH
623-08108	8 Station Automatic Controller	8 Station Auto Ctrler	EACH
623-08109	9 Station Automatic Controller	9 Station Auto Ctrler	EACH
623-08110	10 Station Automatic Controller	10 Station Auto Ctrler	EACH
623-08111	11 Station Automatic Controller	11 Station Auto Ctrler	EACH
623-08112	12 Station Automatic Controller	12 Station Auto Ctrler	EACH
623-08114	14 Station Automatic Controller	14 Station Auto Ctrler	EACH
623-08116	16 Station Automatic Controller	16 Station Auto Ctrler	EACH
623-08118	18 Station Automatic Controller	18 Station Auto Ctrler	EACH
623-08120	20 Station Automatic Controller	20 Station Auto Ctrler	EACH
623-08124	24 Station Automatic Controller	24 Station Auto Ctrler	EACH
623-08126	26 Station Automatic Controller	26 Station Auto Ctrler	EACH
623-08130	30 Station Automatic Controller	30 Station Auto Ctrler	EACH
623-08132	32 Station Automatic Controller	32 Station Auto Ctrler	EACH
623-08136	36 Station Automatic Controller	36 Station Auto Ctrler	EACH
623-08140	40 Station Automatic Controller	40 Station Auto Ctrler	EACH
623-08148	48 Station Automatic Controller	48 Station Auto Ctrler	EACH
623-08152	52 Station Automatic Controller	52 Station Auto Ctrler	EACH
623-08200	Master Controller	Master Ctrler	EACH
623-08210	Automatic Controller Transmitter/Receiver Unit	Auto Ctrler T/R Unit	EACH
623-08218	18 Station Automatic Controller (Furnish Only)	Furn 18 Station Auto Ctrler	EACH
623-08226	26 Station Automatic Controller (Furnish Only)	Furn 26 Station Auto Ctrler	EACH
623-08232	32 Station Automatic Controller (Furnish Only)	Furn 32 Station Auto Ctrler	EACH
623-08252	52 Station Automatic Controller (Furnish Only)	Furn 52 Station Auto Ctrler	EACH
623-08308	8 Station Automatic Controller (Install Only)	Inst 8 Station Auto Ctrler	EACH
623-08416	16 Station Satellite Controller	16 Station Satellite Ctrler	EACH
623-08432	32 Station Satellite Controller	32 Station Satellite Ctrler	EACH
623-08448	48 Station Satellite Controller	48 Station Satellite Ctrler	EACH
623-09000	Booster Pump	Booster Pump	EACH
623-09100	Submersible Pump (w/Valving and Controls)	Submersible Pump (w/Val & Ctrl)	EACH
623-09900	Sprinkler System	Sprinkler System	L S
623-09905	Irrigation Assembly	Irrig Assembly	EACH
623-09907	Infiltration Gallery	Infiltration Gallery	EACH
623-09910	Portable Sprinkling System	Portable Sprinkling System	HOUR



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
623-09950	Irrigation Wells	Irrigation Wells	LF
623-09960	Pump System	Pump System	L S
624-20006	6 Inch Drainage Pipe (Class 0)	6 In Drainage Pipe (CL 0)	LF
624-20007	6 Inch Drainage Pipe (Class 0) (Complete In Place)	6 In Drainage Pipe (CL 0) (CIP)	LF
624-20008	8 Inch Drainage Pipe (Class 0)	8 In Drainage Pipe (CL 0)	LF
624-20009	8 Inch Drainage Pipe (Class 0) (Complete In Place)	8 In Drainage Pipe (CL 0) (CIP)	LF
624-20010	10 Inch Drainage Pipe (Class 0)	10 In Drainage Pipe (CL 0)	LF
624-20011	10 Inch Drainage Pipe (Class 0) (Complete In Place)	10 In Drainage Pipe (CL 0) (CIP)	LF
624-20012	12 Inch Drainage Pipe (Class 0)	12 In Drainage Pipe (CL 0)	LF
624-20013	12 Inch Drainage Pipe (Class 0) (Complete In Place)	12 In Drainage Pipe (CL 0) (CIP)	LF
624-20014	12 Inch Drainage Pipe End Section	12 In Drain Pipe End Sect	EACH
624-20015	15 Inch Drainage Pipe (Class 0)	15 In Drainage Pipe (CL 0)	LF
624-20016	15 Inch Drainage Pipe (Class 0) (Complete In Place)	15 In Drainage Pipe (CL 0) (CIP)	LF
624-20017	15 Inch Drainage Pipe End Section	15 In Drain Pipe End Sect	EACH
624-20018	18 Inch Drainage Pipe (Class 0)	18 In Drainage Pipe (CL 0)	LF
624-20019	18 Inch Drainage Pipe (Class 0) (Complete In Place)	18 In Drainage Pipe (CL 0) (CIP)	LF
624-20021	21 Inch Drainage Pipe (Class 0)	21 In Drainage Pipe (CL 0)	LF
624-20022	21 Inch Drainage Pipe (Class 0) (Complete In Place)	21 In Drainage Pipe (CL 0) (CIP)	LF
624-20024	24 Inch Drainage Pipe (Class 0)	24 In Drainage Pipe (CL 0)	LF
624-20025	24 Inch Drainage Pipe (Class 0) (Complete In Place)	24 In Drainage Pipe (CL 0) (CIP)	LF
624-20027	27 Inch Drainage Pipe (Class 0)	27 In Drainage Pipe (CL 0)	LF
624-20028	27 Inch Drainage Pipe (Class 0) (Complete In Place)	27 In Drainage Pipe (CL 0) (CIP)	LF
624-20030	30 Inch Drainage Pipe (Class 0)	30 In Drainage Pipe (CL 0)	LF
624-20031	30 Inch Drainage Pipe (Class 0) (Complete In Place)	30 In Drainage Pipe (CL 0) (CIP)	LF
624-20036	36 Inch Drainage Pipe (Class 0)	36 In Drainage Pipe (CL 0)	LF
624-20037	36 Inch Drainage Pipe (Class 0) (Complete In Place)	36 In Drainage Pipe (CL 0) (CIP)	LF
624-20042	42 Inch Drainage Pipe (Class 0)	42 In Drainage Pipe (CL 0)	LF
624-20043	42 Inch Drainage Pipe (Class 0) (Complete In Place)	42 In Drainage Pipe (CL 0) (CIP)	LF
624-20048	48 Inch Drainage Pipe (Class 0)	48 In Drainage Pipe (CL 0)	LF
624-20049	48 Inch Drainage Pipe (Class 0) (Complete In Place)	48 In Drainage Pipe (CL 0) (CIP)	LF
624-20054	54 Inch Drainage Pipe (Class 0)	54 In Drainage Pipe (CL 0)	LF
624-20055	54 Inch Drainage Pipe (Class 0) (Complete In Place)	54 In Drainage Pipe (CL 0) (CIP)	LF
624-20060	60 Inch Drainage Pipe (Class 0)	60 In Drainage Pipe (CL 0)	LF
624-20061	60 Inch Drainage Pipe (Class 0) (Complete In Place)	60 In Drainage Pipe (CL 0) (CIP)	LF
624-20066	66 Inch Drainage Pipe (Class 0)	66 In Drainage Pipe (CL 0)	LF
624-20067	66 Inch Drainage Pipe (Class 0) (Complete In Place)	66 In Drainage Pipe (CL 0) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-20072	72 Inch Drainage Pipe (Class 0)	72 In Drainage Pipe (CL 0)	LF
624-20073	72 Inch Drainage Pipe (Class 0) (Complete In Place)	72 In Drainage Pipe (CL 0) (CIP)	LF
624-20078	78 Inch Drainage Pipe (Class 0)	78 In Drainage Pipe (CL 0)	LF
624-20079	78 Inch Drainage Pipe (Class 0) (Complete In Place)	78 In Drainage Pipe (CL 0) (CIP)	LF
624-20084	84 Inch drainage Pipe (Class 0)	84 In Drainage Pipe (CL 0)	LF
624-20085	84 Inch Drainage Pipe (Class 0) (Complete In Place)	84 In Drainage Pipe (CL 0) (CIP)	LF
624-20090	90 Inch Drainage Pipe (Class 0)	90 In Drainage Pipe (CL 0)	LF
624-20091	90 Inch Drainage Pipe (Class 0) (Complete In Place)	90 In Drainage Pipe (CL 0) (CIP)	LF
624-20096	96 Inch Drainage Pipe (Class 0)	96 In Drainage Pipe (CL 0)	LF
624-20097	96 Inch Drainage Pipe (Class 0) (Complete In Place)	96 In Drainage Pipe (CL 0) (CIP)	LF
624-20108	108 Inch Drainage Pipe (Class 0)	108 In Drainage Pipe (CL 0)	LF
624-20109	108 Inch Drainage Pipe (Class 0) (Complete In Place)	108 In Drainage Pipe (CL 0) (CIP)	LF
624-20114	114 Inch Drainage Pipe (Class 0)	114 In Drainage Pipe (CL 0)	LF
624-20115	114 Inch Drainage Pipe (Class 0) (Complete In Place)	114 In Drainage Pipe (CL 0) (CIP)	LF
624-20120	120 Inch Drainage Pipe (Class 0)	120 In Drainage Pipe (CL 0)	LF
624-20121	120 Inch Drainage Pipe (Class 0) (Complete In Place)	120 In Drainage Pipe (CL 0) (CIP)	LF
624-20300	Detour Drainage Pipe (Class 0)	Detour Drainage Pipe (CL 0)	LF
624-20301	Detour Drainage Pipe (Class 0)	Detour Drainage Pipe (CL 0)	L S
624-21006	6 Inch Drainage Pipe (Class 1)	6 In Drainage Pipe (CL 1)	LF
624-21007	6 Inch Drainage Pipe (Class 1) (Complete In Place)	6 In Drainage Pipe (CL 1) (CIP)	LF
624-21008	8 Inch Drainage Pipe (Class 1)	8 In Drainage Pipe (CL 1)	LF
624-21009	8 Inch Drainage Pipe (Class 1) (Complete In Place)	8 In Drainage Pipe (CL 1) (CIP)	LF
624-21010	10 Inch Drainage Pipe (Class 1)	10 In Drainage Pipe (CL 1)	LF
624-21011	10 Inch Drainage Pipe (Class 1) (Complete In Place)	10 In Drainage Pipe (CL 1) (CIP)	LF
624-21012	12 Inch Drainage Pipe (Class 1)	12 in Drainage Pipe (CL 1)	LF
624-21013	12 Inch Drainage Pipe (Class 1) (Complete In Place)	12 In Drainage Pipe (CL 1) (CIP)	LF
624-21015	15 Inch Drainage Pipe (Class 1)	15 In Drainage Pipe (CL 1)	LF
624-21016	15 Inch Drainage Pipe (Class 1) (Complete In Place)	15 In Drainage Pipe (CL 1) (CIP)	LF
624-21018	18 Inch Drainage Pipe (Class 1)	18 In Drainage Pipe (CL 1)	LF
624-21019	18 Inch Drainage Pipe (Class 1) (Complete In Place)	18 In Drainage Pipe (CL 1) (CIP)	LF
624-21021	21 Inch Drainage Pipe (Class 1)	21 In Drainage Pipe (CL 1)	LF
624-21022	21 Inch Drainage Pipe (Class 1) (Complete In Place)	21 In Drainage Pipe (CL 1) (CIP)	LF
624-21024	24 Inch Drainage Pipe (Class 1)	24 In Drainage Pipe (CL 1)	LF
624-21025	24 Inch Drainage Pipe (Class 1) (Complete In Place)	24 In Drainage Pipe (CL1) (CIP)	LF
624-21027	27 Inch Drainage Pipe (Class 1)	27 In Drainage Pipe (CL 1)	LF
624-21028	27 Inch Drainage Pipe (Class 1) (Complete In Place)	27 In Drainage Pipe (CL 1) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-21030	30 Inch Drainage Pipe (Class 1)	30 In Drainage Pipe (CL 1)	LF
624-21031	30 Inch Drainage Pipe (Class 1) (Complete In Place)	30 In Drainage Pipe (CL 1) (CIP)	LF
624-21036	36 Inch Drainage Pipe (Class 1)	36 In Drainage Pipe (CL 1)	LF
624-21037	36 Inch Drainage Pipe (Class 1) (Complete In Place)	36 In Drainage Pipe (CL 1) (CIP)	LF
624-21042	42 Inch Drainage Pipe (Class 1)	42 In Drainage Pipe (CL 1)	LF
624-21043	42 Inch Drainage Pipe (Class 1) (Complete In Place)	42 In Drainage Pipe (CL 1) (CIP)	LF
624-21048	48 Inch Drainage Pipe (Class 1)	48 In Drainage Pipe (CL 1)	LF
624-21049	48 Inch Drainage Pipe (Class 1) (Complete In Place)	48 In Drainage Pipe (CL 1) (CIP)	LF
624-21054	54 Inch Drainage Pipe (Class 1)	54 In Drainage Pipe (CL 1)	LF
624-21055	54 Inch Drainage Pipe (Class 1) (Complete In Place)	54 In Drainage Pipe (CL 1) (CIP)	LF
624-21060	60 Inch Drainage Pipe (Class 1)	60 In Drainage Pipe (CL 1)	LF
624-21061	60 Inch Drainage Pipe (Class 1) (Complete In Place)	60 In Drainage Pipe (CL 1) (CIP)	LF
624-21066	66 Inch Drainage Pipe (Class 1)	66 In Drainage Pipe (CL 1)	LF
624-21067	66 Inch Drainage Pipe (Class 1) (Complete In Place)	66 In Drainage Pipe (CL 1) (CIP)	LF
624-21072	72 Inch Drainage Pipe (Class 1)	72 In Drainage Pipe (CL 1)	LF
624-21073	72 Inch Drainage Pipe (Class 1) (Complete In Place)	72 In Drainage Pipe (CL 1) (CIP)	LF
624-21078	78 Inch Drainage Pipe (Class 1)	78 In Drainage Pipe (CL 1)	LF
624-21079	78 Inch Drainage Pipe (Class 1) (Complete In Place)	78 In Drainage Pipe (CL 1) (CIP)	LF
624-21084	84 Inch Drainage Pipe (Class 1)	84 In Drainage Pipe (CL 1)	LF
624-21085	84 Inch Drainage Pipe (Class 1) (Complete In Place)	84 In Drainage Pipe (CL 1) (CIP)	LF
624-21090	90 Inch Drainage Pipe (Class 1)	90 In Drainage Pipe (CL 1)	LF
624-21091	90 Inch Drainage Pipe (Class 1) (Complete In Place)	90 In Drainage Pipe (CL 1) (CIP)	LF
624-21096	96 Inch Drainage Pipe (Class 1)	96 In Drainage Pipe (CL 1)	LF
624-21097	96 Inch Drainage Pipe (Class 1) (Complete In Place)	96 In Drainage Pipe (CL 1) (CIP)	LF
624-21108	108 Inch Drainage Pipe (Class 1)	108 In Drainage Pipe (CL 1)	LF
624-21109	108 Inch Drainage Pipe (Class 1) (Complete In Place)	108 In Drainage Pipe (CL 1) (CIP)	LF
624-21114	114 Inch Drainage Pipe (Class 1)	114 In Drainage Pipe (CL 1)	LF
624-21115	114 Inch Drainage Pipe (Class 1) (Complete In Place)	114 In Drainage Pipe (CL 1) (CIP)	LF
624-21120	120 Inch Drainage Pipe (Class 1)	120 In Drainage Pipe (CL 1)	LF
624-21121	120 Inch Drainage Pipe (Class 1) (Complete In Place)	120 In Drainage Pipe (CL 1) (CIP)	LF
624-22006	6 Inch Drainage Pipe (Class 2)	6 In Drainage Pipe (CL 2)	LF
624-22007	6 Inch Drainage Pipe (Class 2) (Complete In Place)	6 In Drainage Pipe (CL 2) (CIP)	LF
624-22008	8 Inch Drainage Pipe (Class 2)	8 In Drainage Pipe (CL 2)	LF
624-22009	8 Inch Drainage Pipe (Class 2) (Complete In Place)	8 In Drainage Pipe (CL 2) (CIP)	LF
624-22010	10 Inch Drainage Pipe (Class 2)	10 In Drainage Pipe (CL 2)	LF
624-22011	10 Inch Drainage Pipe (Class 2) (Complete In Place)	10 In Drainage Pipe (CL 2) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-22012	12 Inch Drainage Pipe (Class 2)	12 In Drainage Pipe (CL 2)	LF
624-22013	12 Inch Drainage Pipe (Class 2) (Complete In Place)	12 In Drainage Pipe (CL 2) (CIP)	LF
624-22015	15 Inch Drainage Pipe (Class 2)	15 In Drainage Pipe (CL 2)	LF
624-22016	15 Inch Drainage Pipe (Class 2) (Complete In Place)	15 In Drainage Pipe (CL 2) (CIP)	LF
624-22018	18 Inch Drainage Pipe (Class 2)	18 In Drainage Pipe (CL 2)	LF
624-22019	18 Inch Drainage Pipe (Class 2) (Complete In Place)	18 In Drainage Pipe (CL 2) (CIP)	LF
624-22021	21 Inch Drainage Pipe (Class 2)	21 In Drainage Pipe (CL 2)	LF
624-22022	21 Inch Drainage Pipe (Class 2) (Complete In Place)	21 In Drainage Pipe (CL 2) (CIP)	LF
624-22024	24 Inch Drainage Pipe (Class 2)	24 In Drainage Pipe (CL 2)	LF
624-22025	24 Inch Drainage Pipe (Class 2) (Complete In Place)	24 In Drainage Pipe (CL 2) (CIP)	LF
624-22027	27 Inch Drainage Pipe (Class 2)	27 In Drainage Pipe (CL 2)	LF
624-22028	27 Inch Drainage Pipe (Class 2) (Complete In Place)	27 In Drainage Pipe (CL 2) (CIP)	LF
624-22030	30 Inch Drainage Pipe (Class 2)	30 In Drainage Pipe (CL 2)	LF
624-22031	30 Inch Drainage Pipe (Class 2) (Complete In Place)	30 In Drainage Pipe (CL 2) (CIP)	LF
624-22036	36 Inch Drainage Pipe (Class 2)	36 In Drainage Pipe (CL 2)	LF
624-22037	36 Inch Drainage Pipe (Class 2) (Complete In Place)	36 In Drainage Pipe (CL 2) (CIP)	LF
624-22042	42 Inch Drainage Pipe (Class 2)	42 In Drainage Pipe (CL 2)	LF
624-22043	42 Inch Drainage Pipe (Class 2) (Complete In Place)	42 In Drainage Pipe (CL 2) (CIP)	LF
624-22048	48 Inch Drainage Pipe (Class 2)	48 In Drainage Pipe (CL 2)	LF
624-22049	48 Inch Drainage Pipe (Class 2) (Complete In Place)	48 In Drainage Pipe (CL 2) (CIP)	LF
624-22054	54 Inch Drainage Pipe (Class 2)	54 In Drainage Pipe (CL 2)	LF
624-22055	54 Inch Drainage Pipe (Class 2) (Complete In Place)	54 In Drainage Pipe (CL 2) (CIP)	LF
624-22060	60 Inch Drainage Pipe (Class 2)	60 In Drainage Pipe (CL 2)	LF
624-22061	60 Inch Drainage Pipe (Class 2) (Complete In Place)	60 In Drainage Pipe (CL 2) (CIP)	LF
624-22066	66 Inch Drainage Pipe (Class 2)	66 In Drainage Pipe (CL 2)	LF
624-22067	66 Inch Drainage Pipe (Class 2) (Complete In Place)	66 In Drainage Pipe (CL 2) (CIP)	LF
624-22072	72 Inch Drainage Pipe (Class 2)	72 In Drainage Pipe (CL 2)	LF
624-22073	72 Inch Drainage Pipe (Class 2) (Complete In Place)	72 In Drainage Pipe (CL 2) (CIP)	LF
624-22078	78 Inch Drainage Pipe (Class 2)	78 In Drainage Pipe (CL 2)	LF
624-22079	78 Inch Drainage Pipe (Class 2) (Complete In Place)	78 In Drainage Pipe (CL 2) (CIP)	LF
624-22084	84 Inch Drainage Pipe (Class 2)	84 In Drainage Pipe (CL 2)	LF
624-22085	84 Inch Drainage Pipe (Class 2) (Complete In Place)	84 In Drainage Pipe (CL 2) (CIP)	LF
624-22090	90 Inch Drainage Pipe (Class 2)	90 In Drainage Pipe (CL2)	LF
624-22091	90 Inch Drainage Pipe (Class 2) (Complete In Place)	90 In Drainage Pipe (CL 2) (CIP)	LF
624-22096	96 Inch Drainage Pipe (Class 2)	96 In Drainage Pipe (CL 2)	LF
624-22097	96 Inch Drainage Pipe (Class 2) (Complete In Place)	96 In Drainage Pipe (CL 2) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-22108	108 Inch Drainage Pipe (Class 2)	108 In Drainage Pipe (CL 2)	LF
624-22109	108 Inch Drainage Pipe (Class 2) (Complete In Place)	108 In Drainage Pipe (CL 2) (CIP)	LF
624-22114	114 Inch Drainage Pipe (Class 2)	114 In Drainage Pipe (CL 2)	LF
624-22115	114 Inch Drainage Pipe (Class 2) (Complete In Place)	114 In Drainage Pipe (CL 2) (CIP)	LF
624-22120	120 Inch Drainage Pipe (Class 2)	120 In Drainage Pipe (CL 2)	LF
624-22121	120 Inch Drainage Pipe (Class 2) (Complete In Place)	120 In Drainage Pipe (CL 2) (CIP)	LF
624-23006	6 Inch Drainage Pipe (Class 3)	6 In Drainage Pipe (CL 3)	LF
624-23007	6 Inch Drainage Pipe (Class 3) (Complete In Place)	6 In Drainage Pipe (CL 3) (CIP)	LF
624-23008	8 Inch Drainage Pipe (Class 3)	8 In Drainage Pipe (CL 3)	LF
624-23009	8 Inch Drainage Pipe (Class 3) (Complete In Place)	8 In Drainage Pipe (CL 3) (CIP)	LF
624-23010	10 Inch Drainage Pipe (Class 3)	10 In Drainage Pipe (CL 3)	LF
624-23011	10 Inch Drainage Pipe (Class 3) (Complete In Place)	10 In Drainage Pipe (CL 3) (CIP)	LF
624-23012	12 Inch Drainage Pipe (Class 3)	12 In Drainage Pipe (CL 3)	LF
624-23013	12 Inch Drainage Pipe (Class 3) (Complete In Place)	12 In Drainage Pipe (CL 3) (CIP)	LF
624-23015	15 Inch Drainage Pipe (Class 3)	15 In Drainage Pipe (CL 3)	LF
624-23016	15 Inch Drainage Pipe (Class 3) (Complete In Place)	15 In Drainage Pipe (CL3) (CIP)	LF
624-23018	18 Inch Drainage Pipe (Class 3)	18 In Drainage Pipe (CL 3)	LF
624-23019	18 Inch Drainage Pipe (Class 3) (Complete In Place)	18 In Drainage Pipe (CL 3) (CIP)	LF
624-23021	21 Inch Drainage Pipe (Class 3)	21 In Drainage Pipe (CL 3)	LF
624-23022	21 Inch Drainage Pipe (Class 3) (Complete In Place)	21 In Drainage Pipe (CL 3) (CIP)	LF
624-23024	24 Inch Drainage Pipe (Class 3)	24 In Drainage Pipe (CL 3)	LF
624-23025	24 Inch Drainage Pipe (Class 3) (Complete In Place)	24 In Drainage Pipe (CL 3) (CIP)	LF
624-23027	27 Inch Drainage Pipe (Class 3)	27 In Drainage Pipe (CL 3)	LF
624-23028	27 Inch Drainage Pipe (Class 3) (Complete In Place)	27 In Drainage Pipe (CL 3) (CIP)	LF
624-23030	30 Inch Drainage Pipe (Class 3)	30 In Drainage Pipe (CL 3)	LF
624-23031	30 Inch Drainage Pipe (Class 3) (Complete In Place)	30 In Drainage Pipe (CL 3) (CIP)	LF
624-23036	36 Inch Drainage Pipe (Class 3)	36 In Drainage Pipe (CL 3)	LF
624-23037	36 Inch Drainage Pipe (Class 3) (Complete In Place)	36 In Drainage Pipe (CL 3) (CIP)	LF
624-23042	42 Inch Drainage Pipe (Class 3)	42 In Drainage Pipe (CL 3)	LF
624-23043	42 Inch Drainage Pipe (Class 3) (Complete In Place)	42 In Drainage Pipe (CL 3) (CIP)	LF
624-23048	48 Inch Drainage Pipe (Class 3)	48 In Drainage Pipe (CL 3)	LF
624-23049	48 Inch Drainage Pipe (Class 3) (Complete In Place)	48 In Drainage Pipe (CL 3) (CIP)	LF
624-23054	54 Inch Drainage Pipe (Class 3)	54 In Drainage Pipe (CL 3)	LF
624-23055	54 Inch Drainage Pipe (Class 3) (Complete In Place)	54 In Drainage Pipe (CL 3) (CIP)	LF
624-23060	60 Inch Drainage Pipe (Class 3)	60 In Drainage Pipe (CL 3)	LF
624-23061	60 Inch Drainage Pipe (Class 3) (Complete In Place)	60 In Drainage Pipe (CL 3) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-23066	66 Inch Drainage Pipe (Class 3)	66 In Drainage Pipe (CL 3)	LF
624-23067	66 Inch Drainage Pipe (Class 3) (Complete In Place)	66 In Drainage Pipe (CL 3) (CIP)	LF
624-23072	72 Inch Drainage Pipe (Class 3)	72 In Drainage Pipe (CL 3)	LF
624-23073	72 Inch Drainage Pipe (Class 3) (Complete In Place)	72 In Drainage Pipe (CL 3) (CIP)	LF
624-23078	78 Inch Drainage Pipe (Class 3)	78 In Drainage Pipe (CL 3)	LF
624-23079	78 Inch Drainage Pipe (Class 3) (Complete In Place)	78 In Drainage Pipe (CL 3) (CIP)	LF
624-23084	84 Inch Drainage Pipe (Class 3)	84 In Drainage Pipe (CL 3)	LF
624-23085	84 Inch Drainage Pipe (Class 3) (Complete In Place)	84 In Drainage Pipe (CL 3) (CIP)	LF
624-23090	90 Inch Drainage Pipe (Class 3)	90 In Drainage Pipe (CL 3)	LF
624-23091	90 Inch Drainage Pipe (Class 3) (Complete In Place)	90 In Drainage Pipe (CL 3) (CIP)	LF
624-23096	96 Inch Drainage Pipe (Class 3)	96 In Drainage Pipe (CL 3)	LF
624-23097	96 Inch Drainage Pipe (Class 3) (Complete In Place)	96 In Drainage Pipe (CL 3) (CIP)	LF
624-23108	108 Inch Drainage Pipe (Class 3)	108 In Drainage Pipe (CL 3)	LF
624-23109	108 Inch Drainage Pipe (Class 3) (Complete In Place)	108 In Drainage Pipe (CL 3) (CIP)	LF
624-23114	114 Inch Drainage Pipe (Class 3)	114 In Drainage Pipe (CL 3)	LF
624-23115	114 Inch Drainage Pipe (Class 3) (Complete In Place)	114 In Drainage Pipe (CL 3) (CIP)	LF
624-23120	120 Inch Drainage Pipe (Class 3)	120 In Drainage Pipe (CL 3)	LF
624-23121	120 Inch Drainage Pipe (Class 3) (Complete In Place)	120 In Drainage Pipe (CL 3) (CIP)	LF
624-24006	6 Inch Drainage Pipe (Class 4)	6 In Drainage Pipe (CL 4)	LF
624-24007	6 Inch Drainage Pipe (Class 4) (Complete In Place)	6 In Drainage Pipe (CL 4) (CIP)	LF
624-24008	8 Inch Drainage Pipe (Class 4)	8 In Drainage Pipe (CL 4)	LF
624-24009	8 Inch Drainage Pipe (Class 4) (Complete In Place)	8 In Drainage Pipe (CL 4) (CIP)	LF
624-24010	10 Inch Drainage Pipe (Class 4)	10 In Drainage Pipe (CL 4)	LF
624-24011	10 Inch Drainage Pipe (Class 4) (Complete In Place)	10 In Drainage Pipe (CL 4) (CIP)	LF
624-24012	12 Inch Drainage Pipe (Class 4)	12 In Drainage Pipe (CL 4)	LF
624-24013	12 Inch Drainage Pipe (Class 4) (Complete In Place)	12 In Drainage Pipe (CL 4) (CIP)	LF
624-24015	15 Inch Drainage Pipe (Class 4)	15 In Drainage Pipe (CL 4)	LF
624-24016	15 Inch Drainage Pipe (Class 4) (Complete In Place)	15 In Drainage Pipe (CL4) (CIP)	LF
624-24018	18 Inch Drainage Pipe (Class 4)	18 In Drainage Pipe (CL 4)	LF
624-24019	18 Inch Drainage Pipe (Class 4) (Complete In Place)	18 In Drainage Pipe (CL 4) (CIP)	LF
624-24021	21 Inch Drainage Pipe (Class 4)	21 In Drainage Pipe (CL 4)	LF
624-24022	21 Inch Drainage Pipe (Class 4) (Complete In Place)	21 In Drainage Pipe (CL 4) (CIP)	LF
624-24024	24 Inch Drainage Pipe (Class 4)	24 In Drainage Pipe (CL 4)	LF
624-24025	24 Inch Drainage Pipe (Class 4) (Complete In Place)	24 In Drainage Pipe (CL 4) (CIP)	LF
624-24027	27 Inch Drainage Pipe (Class 4)	27 In Drainage Pipe (CL 4)	LF
624-24028	27 Inch Drainage Pipe (Class 4) (Complete In Place)	27 In Drainage Pipe (CL 4) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-24030	30 Inch Drainage Pipe (Class 4)	30 In Drainage Pipe (CL 4)	LF
624-24031	30 Inch Drainage Pipe (Class 4) (Complete In Place)	30 In Drainage Pipe (CL 4) (CIP)	LF
624-24036	36 Inch Drainage Pipe (Class 4)	36 In Drainage Pipe (CL 4)	LF
624-24037	36 Inch Drainage Pipe (Class 4) (Complete In Place)	36 In Drainage Pipe (CL 4) (CIP)	LF
624-24042	42 Inch Drainage Pipe (Class 4)	42 In Drainage Pipe (CL 4)	LF
624-24043	42 Inch Drainage Pipe (Class 4) (Complete In Place)	42 In Drainage Pipe (CL 4) (CIP)	LF
624-24048	48 Inch Drainage Pipe (Class 4)	48 In Drainage Pipe (CL 4)	LF
624-24049	48 Inch Drainage Pipe (Class 4) (Complete In Place)	48 In Drainage Pipe (CL 4) (CIP)	LF
624-24054	54 Inch Drainage Pipe (Class 4)	54 In Drainage Pipe (CL 4)	LF
624-24055	54 Inch Drainage Pipe (Class 4) (Complete In Place)	54 In Drainage Pipe (CL 4) (CIP)	LF
624-24060	60 Inch Drainage Pipe (Class 4)	60 In Drainage Pipe (CL 4)	LF
624-24061	60 Inch Drainage Pipe (Class 4) (Complete In Place)	60 In Drainage Pipe (CL 4) (CIP)	LF
624-24066	66 Inch Drainage Pipe (Class 4)	66 In Drainage Pipe (CL 4)	LF
624-24067	66 Inch Drainage Pipe (Class 4) (Complete In Place)	66 In Drainage Pipe (CL 4) (CIP)	LF
624-24072	72 Inch Drainage Pipe (Class 4)	72 In Drainage Pipe (CL 4)	LF
624-24073	72 Inch Drainage Pipe (Class 4) (Complete In Place)	72 In Drainage Pipe (CL 4) (CIP)	LF
624-24078	78 Inch Drainage Pipe (Class 4)	78 in Drainage Pipe (CL 4)	LF
624-24079	78 Inch Drainage Pipe (Class 4) (Complete In Place)	78 In Drainage Pipe (CL 4) (CIP)	LF
624-24084	84 Inch Drainage Pipe (Class 4)	84 In Drainage Pipe (CL 4)	LF
624-24085	84 Inch Drainage Pipe (Class 4) (Complete In Place)	84 In Drainage Pipe (CL 4) (CIP)	LF
624-24090	90 Inch Drainage Pipe (Class 4)	90 In Drainage Pipe (CL 4)	LF
624-24091	90 Inch Drainage Pipe (Class 4) (Complete In Place)	90 In Drainage Pipe (CL 4) (CIP)	LF
624-24096	96 Inch Drainage Pipe (Class 4)	96 In Drainage Pipe (CL 4)	LF
624-24097	96 Inch Drainage Pipe (Class 4) (Complete In Place)	96 In Drainage Pipe (CL 4) (CIP)	LF
624-24108	108 Inch Drainage Pipe (Class 4)	108 In Drainage Pipe (CL 4)	LF
624-24109	108 Inch Drainage Pipe (Class 4) (Complete In Place)	108 In Drainage Pipe (CL 4) (CIP)	LF
624-24114	114 Inch Drainage Pipe (Class 4)	114 In Drainage Pipe (CL 4)	LF
624-24115	114 Inch Drainage Pipe (Class 4) (Complete In Place)	114 In Drainage Pipe (CL 4) (CIP)	LF
624-24120	120 Inch Drainage Pipe (Class 4)	120 In Drainage Pipe (CL 4)	LF
624-24121	120 Inch Drainage Pipe (Class 4) (Complete In Place)	120 In Drainage Pipe (CL 4) (CIP)	LF
624-25006	6 Inch Drainage Pipe (Class 5)	6 In Drainage Pipe (CL 5)	LF
624-25007	6 Inch Drainage Pipe (Class 5) (Complete In Place)	6 In Drainage Pipe (CL 5) (CIP)	LF
624-25008	8 Inch Drainage Pipe (Class 5)	8 In Drainage Pipe (CL 5)	LF
624-25009	8 Inch Drainage Pipe (Class 5) (Complete In Place)	8 In Drainage Pipe (CL 5) (CIP)	LF
624-25010	10 Inch Drainage Pipe (Class 5)	10 In Drainage pipe (CL 5)	LF
624-25011	10 Inch Drainage Pipe (Class 5) (Complete In Place)	10 In Drainage Pipe (CL 5) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-25012	12 Inch Drainage Pipe (Class 5)	12 In Drainage Pipe (CL 5)	LF
624-25013	12 Inch Drainage Pipe (Class 5) (Complete In Place)	12 In Drainage Pipe (CL 5) (CIP)	LF
624-25015	15 Inch Drainage Pipe (Class 5)	15 In Drainage Pipe (CL 5)	LF
624-25016	15 Inch Drainage Pipe (Class 5) (Complete In Place)	15 In Drainage Pipe (CL 5) (CIP)	LF
624-25018	18 Inch Drainage Pipe (Class 5)	18 In Drainage Pipe (CL 5)	LF
624-25019	18 Inch Drainage Pipe (Class 5) (Complete In Place)	18 In Drainage Pipe (CL 5) (CIP)	LF
624-25021	21 Inch Drainage Pipe (Class 5)	21 In Drainage Pipe (CL 5)	LF
624-25022	21 Inch Drainage Pipe (Class 5) (Complete In Place)	21 In Drainage Pipe (CL 5) (CIP)	LF
624-25024	24 Inch Drainage Pipe (Class 5)	24 In Drainage Pipe (CL 5)	LF
624-25025	24 Inch Drainage Pipe (Class 5) (Complete In Place)	24 In Drainage Pipe (CL 5) (CIP)	LF
624-25027	27 Inch Drainage Pipe (Class 5)	27 In Drainage Pipe (CL 5)	LF
624-25028	27 Inch Drainage Pipe (Class 5) (Complete In Place)	27 In Drainage Pipe (CL 5) (CIP)	LF
624-25030	30 Inch Drainage Pipe (Class 5)	30 In Drainage Pipe (CL 5)	LF
624-25031	30 Inch Drainage Pipe (Class 5) (Complete In Place)	30 In Drainage Pipe (CL 5) (CIP)	LF
624-25036	36 Inch Drainage Pipe (Class 5)	36 In Drainage Pipe (CL 5)	LF
624-25037	36 Inch Drainage Pipe (Class 5) (Complete In Place)	36 In Drainage Pipe (CL 5) (CIP)	LF
624-25042	42 Inch Drainage Pipe (Class 5)	42 In Drainage Pipe (CL 5)	LF
624-25043	42 Inch Drainage Pipe (Class 5) (Complete In Place)	42 In Drainage Pipe (CL 5) (CIP)	LF
624-25048	48 Inch Drainage Pipe (Class 5)	48 In Drainage Pipe (CL 5)	LF
624-25049	48 Inch Drainage Pipe (Class 5) (Complete In Place)	48 In Drainage Pipe (CL 5) (CIP)	LF
624-25054	54 Inch Drainage Pipe (Class 5)	54 In Drainage Pipe (CL 5)	LF
624-25055	54 Inch Drainage Pipe (Class 5) (Complete In Place)	54 In Drainage Pipe (CL 5) (CIP)	LF
624-25060	60 Inch Drainage Pipe (Class 5)	60 In Drainage Pipe (CL 5)	LF
624-25061	60 Inch Drainage Pipe (Class 5) (Complete In Place)	60 In Drainage Pipe (CL 5) (CIP)	LF
624-25066	66 Inch Drainage Pipe (Class 5)	66 In Drainage Pipe (CL 5)	LF
624-25067	66 Inch Drainage Pipe (Class 5) (Complete In Place)	66 In Drainage Pipe (CL 5) (CIP)	LF
624-25072	72 Inch Drainage Pipe (Class 5)	72 In Drainage Pipe (CL 5)	LF
624-25073	72 Inch Drainage Pipe (Class 5) (Complete In Place)	72 In Drainage Pipe (CL 5) (CIP)	LF
624-25078	78 Inch Drainage Pipe (Class 5)	78 In Drainage Pipe (CL 5)	LF
624-25079	78 Inch Drainage Pipe (Class 5) (Complete In Place)	78 In Drainage Pipe (CL 5) (CIP)	LF
624-25084	84 Inch Drainage Pipe (Class 5)	84 In Drainage Pipe (CL 5)	LF
624-25085	84 Inch Drainage Pipe (Class 5) (Complete In Place)	84 In Drainage Pipe (CL 5) (CIP)	LF
624-25090	90 Inch Drainage Pipe (Class 5)	90 In Drainage Pipe (CL 5)	LF
624-25091	90 Inch Drainage Pipe (Class 5) (Complete In Place)	90 In Drainage Pipe (CL 5) (CIP)	LF
624-25096	96 Inch Drainage Pipe (Class 5)	96 In Drainage Pipe (CL 5)	LF
624-25097	96 Inch Drainage Pipe (Class 5) (Complete In Place)	96 In Drainage Pipe (CL 5) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-25108	108 Inch Drainage Pipe (Class 5)	108 In Drainage Pipe (CL 5)	LF
624-25109	108 Inch Drainage Pipe (Class 5) (Complete In Place)	108 In Drainage Pipe (CL 5) (CIP)	LF
624-25114	114 Inch Drainage Pipe (Class 5)	114 In Drainage Pipe (CL 5)	LF
624-25115	114 Inch Drainage Pipe (Class 5) (Complete In Place)	114 In Drainage Pipe (CL 5) (CIP)	LF
624-25120	120 Inch Drainage Pipe (Class 5)	120 In Drainage Pipe (CL 5)	LF
624-25121	120 Inch Drainage Pipe (Class 5) (Complete In Place)	120 In Drainage Pipe (CL 5) (CIP)	LF
624-26006	6 Inch Drainage Pipe (Class 6)	6 In Drainage Pipe (CL 6)	LF
624-26007	6 Inch Drainage Pipe (Class 6) (Complete In Place)	6 In Drainage Pipe (CL 6) (CIP)	LF
624-26008	8 Inch Drainage Pipe (Class 6)	8 In Drainage Pipe (CL 6)	LF
624-26009	8 Inch Drainage Pipe (Class 6) (Complete In Place)	8 In Drainage Pipe (CL 6) (CIP)	LF
624-26010	10 Inch Drainage Pipe (Class 6)	10 In Drainage Pipe (CL 6)	LF
624-26011	10 Inch Drainage Pipe (Class 6) (Complete In Place)	10 In Drainage Pipe (CL 6) (CIP)	LF
624-26012	12 Inch Drainage Pipe (Class 6)	12 In Drainage Pipe (CL 6)	LF
624-26013	12 Inch Drainage Pipe (Class 6) (Complete In Place)	12 In Drainage Pipe (CL 6) (CIP)	LF
624-26015	15 Inch Drainage Pipe (Class 6)	15 In Drainage Pipe (CL 6)	LF
624-26016	15 Inch Drainage Pipe (Class 6) (Complete In Place)	15 In Drainage Pipe (CL 6) (CIP)	LF
624-26018	18 Inch Drainage Pipe (Class 6)	18 In Drainage Pipe (CL 6)	LF
624-26019	18 Inch Drainage Pipe (Class 6) (Complete In Place)	18 In Drainage Pipe (CL 6) (CIP)	LF
624-26021	21 Inch Drainage Pipe (Class 6)	21 In Drainage Pipe (CL 6)	LF
624-26022	21 Inch Drainage Pipe (Class 6) (Complete In Place)	21 In Drainage Pipe (CL 6) (CIP)	LF
624-26024	24 Inch Drainage Pipe (Class 6)	24 In Drainage Pipe (CL 6)	LF
624-26025	24 Inch Drainage Pipe (Class 6) (Complete In Place)	24 In Drainage Pipe (CL 6) (CIP)	LF
624-26027	27 Inch Drainage Pipe (Class 6)	27 In Drainage Pipe (CL 6)	LF
624-26028	27 Inch Drainage Pipe (Class 6) (Complete In Place)	27 In Drainage Pipe (CL 6) (CIP)	LF
624-26030	30 Inch Drainage Pipe (Class 6)	30 In Drainage Pipe (CL 6)	LF
624-26031	30 Inch Drainage Pipe (Class 6) (Complete In Place)	30 In Drainage Pipe (CL 6) (CIP)	LF
624-26036	36 Inch Drainage Pipe (Class 6)	36 In Drainage Pipe (CL 6)	LF
624-26037	36 Inch Drainage Pipe (Class 6) (Complete In Place)	36 In Drainage Pipe (CL 6) (CIP)	LF
624-26042	42 Inch Drainage Pipe (Class 6)	42 In Drainage Pipe (CL 6)	LF
624-26043	42 Inch Drainage Pipe (Class 6) (Complete In Place)	42 In Drainage Pipe (CL 6) (CIP)	LF
624-26048	48 Inch Drainage Pipe (Class 6)	48 In Drainage Pipe (CL 6)	LF
624-26049	48 Inch Drainage Pipe (Class 6) (Complete In Place)	48 In Drainage Pipe (CL 6) (CIP)	LF
624-26054	54 Inch Drainage Pipe (Class 6)	54 In Drainage Pipe (CL 6)	LF
624-26055	54 Inch Drainage Pipe (Class 6) (Complete In Place)	54 In Drainage Pipe (CL 6) (CIP)	LF
624-26060	60 Inch Drainage Pipe (Class 6)	60 In Drainage Pipe (CL 6)	LF
624-26061	60 Inch Drainage Pipe (Class 6) (Complete In Place)	60 In Drainage Pipe (CL 6) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-26066	66 Inch Drainage Pipe (Class 6)	66 In Drainage Pipe (CL 6)	LF
624-26067	66 Inch Drainage Pipe (Class 6) (Complete In Place)	66 In Drainage Pipe (CL 6) (CIP)	LF
624-26072	72 Inch Drainage Pipe (Class 6)	72 In Drainage Pipe (CL 6)	LF
624-26073	72 Inch Drainage Pipe (Class 6) (Complete In Place)	72 In Drainage Pipe (CL 6) (CIP)	LF
624-26078	78 Inch Drainage Pipe (Class 6)	78 In Drainage Pipe (CL 6)	LF
624-26079	78 Inch Drainage Pipe (Class 6) (Complete In Place)	78 In Drainage Pipe (CL 6) (CIP)	LF
624-26084	84 Inch Drainage Pipe (Class 6)	84 In Drainage Pipe (CL 6)	LF
624-26085	84 Inch Drainage Pipe (Class 6) (Complete In Place)	84 In Drainage Pipe (CL 6) (CIP)	LF
624-26090	90 Inch Drainage Pipe (Class 6)	90 In Drainage Pipe (CL 6)	LF
624-26091	90 Inch Drainage Pipe (Class 6) (Complete In Place)	90 In Drainage Pipe (CL 6) (CIP)	LF
624-26096	96 Inch Drainage Pipe (Class 6)	96 In Drainage Pipe (CL 6)	LF
624-26097	96 Inch Drainage Pipe (Class 6) (Complete In Place)	96 In Drainage Pipe (CL 6) (CIP)	LF
624-26108	108 Inch Drainage Pipe (Class 6)	108 In Drainage Pipe (CL 6)	LF
624-26109	108 Inch Drainage Pipe (Class 6) (Complete In Place)	108 In Drainage Pipe (CL 6) (CIP)	LF
624-26114	114 Inch Drainage Pipe (Class 6)	114 In Drainage Pipe (CL 6)	LF
624-26115	114 Inch Drainage Pipe (Class 6) (Complete In Place)	114 In Drainage Pipe (CL 6) (CIP)	LF
624-26120	120 Inch Drainage Pipe (Class 6)	120 In Drainage Pipe (CL 6)	LF
624-26121	120 Inch Drainage Pipe (Class 6) (Complete In Place)	120 In Drainage Pipe (CL 6) (CIP)	LF
624-27006	6 Inch Drainage Pipe (Class 7)	6 In Drainage Pipe (CL 7)	LF
624-27007	6 Inch Drainage Pipe (Class 7) (Complete In Place)	6 In Drainage Pipe (CL 7) (CIP)	LF
624-27008	8 Inch Drainage Pipe (Class 7)	8 In Drainage Pipe (CL 7)	LF
624-27009	8 Inch Drainage Pipe (Class 7) (Complete In Place)	8 In Drainage Pipe (CL 7) (CIP)	LF
624-27010	10 Inch Drainage Pipe (Class 7)	10 In Drainage Pipe (CL 7)	LF
624-27011	10 Inch Drainage Pipe (Class 7) (Complete In Place)	10 In Drainage Pipe (CL 7) (CIP)	LF
624-27012	12 Inch Drainage Pipe (Class 7)	12 In Drainage Pipe (CL 7)	LF
624-27013	12 Inch Drainage Pipe (Class 7) (Complete In Place)	12 In Drainage Pipe (CL 7) (CIP)	LF
624-27015	15 Inch Drainage Pipe (Class 7)	15 In Drainage Pipe (CL 7)	LF
624-27016	15 Inch Drainage Pipe (Class 7) (Complete In Place)	15 In Drainage Pipe (CL 7) (CIP)	LF
624-27018	18 Inch Drainage Pipe (Class 7)	18 In Drainage Pipe (CL 7)	LF
624-27019	18 Inch Drainage Pipe (Class 7) (Complete In Place)	18 In Drainage Pipe (CL 7) (CIP)	LF
624-27021	21 Inch Drainage Pipe (Class 7)	21 In Drainage Pipe (CL 7)	LF
624-27022	21 Inch Drainage Pipe (Class 7) (Complete In Place)	21 In Drainage Pipe (CL 7) (CIP)	LF
624-27024	24 Inch Drainage Pipe (Class 7)	24 In Drainage Pipe (CL 7)	LF
624-27025	24 Inch Drainage Pipe (Class 7) (Complete In Place)	24 In Drainage Pipe (CL 7) (CIP)	LF
624-27027	27 Inch Drainage Pipe (Class 7)	27 In Drainage Pipe (CL 7)	LF
624-27028	27 Inch Drainage Pipe (Class 7) (Complete In Place)	27 In Drainage Pipe (CL 7) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-27030	30 Inch Drainage Pipe (Class 7)	30 In Drainage Pipe (CL 7)	LF
624-27031	30 Inch Drainage Pipe (Class 7) (Complete In Place)	30 In Drainage Pipe (CL 7) (CIP)	LF
624-27036	36 Inch Drainage Pipe (Class 7)	36 In Drainage Pipe (CL 7)	LF
624-27037	36 Inch Drainage Pipe (Class 7) (Complete In Place)	36 In Drainage Pipe (CL 7) (CIP)	LF
624-27042	42 Inch Drainage Pipe (Class 7)	42 In Drainage Pipe (CL 7)	LF
624-27043	42 Inch Drainage Pipe (Class 7) (Complete In Place)	42 In Drainage Pipe (CL 7) (CIP)	LF
624-27048	48 Inch Drainage Pipe (Class 7)	48 In Drainage Pipe (CL 7)	LF
624-27049	48 Inch Drainage Pipe (Class 7) (Complete In Place)	48 In Drainage Pipe (CL 7) (CIP)	LF
624-27054	54 Inch Drainage Pipe (Class 7)	54 In Drainage Pipe (CL 7)	LF
624-27055	54 Inch Drainage Pipe (Class 7) (Complete In Place)	54 In Drainage Pipe (CL 7) (CIP)	LF
624-27060	60 Inch Drainage Pipe (Class 7)	60 In Drainage Pipe (CL 7)	LF
624-27061	60 Inch Drainage Pipe (Class 7) (Complete In Place)	60 In Drainage Pipe (CL 7) (CIP)	LF
624-27066	66 Inch Drainage Pipe (Class 7)	66 In Drainage Pipe (CL 7)	LF
624-27067	66 Inch Drainage Pipe (Class 7) (Complete In Place)	66 In Drainage Pipe (CL 7) (CIP)	LF
624-27072	72 Inch Drainage Pipe (Class 7)	72 In Drainage Pipe (CL 7)	LF
624-27073	72 Inch Drainage Pipe (Class 7) (Complete In Place)	72 In Drainage Pipe (CL 7) (CIP)	LF
624-27078	78 Inch Drainage Pipe (Class 7)	78 In Drainage Pipe (CL 7)	LF
624-27079	78 Inch Drainage Pipe (Class 7) (Complete In Place)	78 In Drainage Pipe (CL 7) (CIP)	LF
624-27084	84 Inch Drainage Pipe (Class 7)	84 In Drainage Pipe (CL 7)	LF
624-27085	84 Inch Drainage Pipe (Class 7) (Complete In Place)	84 In Drainage Pipe (CL 7) (CIP)	LF
624-27090	90 Inch Drainage Pipe (Class 7)	90 In Drainage Pipe (CL 7)	LF
624-27091	90 Inch Drainage Pipe (Class 7) (Complete In Place)	90 In Drainage Pipe (CL 7) (CIP)	LF
624-27096	96 Inch Drainage Pipe (Class 7)	96 In Drainage Pipe (CL 7)	LF
624-27097	96 Inch Drainage Pipe (Class 7) (Complete In Place)	96 In Drainage Pipe (CL 7) (CIP)	LF
624-27108	108 Inch Drainage Pipe (Class 7)	108 In Drainage Pipe (CL 7)	LF
624-27109	108 Inch Drainage Pipe (Class 7) (Complete In Place)	108 In Drainage Pipe (CL 7) (CIP)	LF
624-27114	114 Inch Drainage Pipe (Class 7)	114 In Drainage Pipe (CL 7)	LF
624-27115	114 Inch Drainage Pipe (Class 7) (Complete In Place)	114 In Drainage Pipe (CL 7) (CIP)	LF
624-27120	120 Inch Drainage Pipe (Class 7)	120 In Drainage Pipe (CL 7)	LF
624-27121	120 Inch Drainage Pipe (Class 7) (Complete In Place)	120 In Drainage Pipe (CL 7) (CIP)	LF
624-28006	6 Inch Drainage Pipe (Class 8)	6 In Drainage Pipe (CL 8)	LF
624-28007	6 Inch Drainage Pipe (Class 8) (Complete In Place)	6 In Drainage Pipe (CL 8) (CIP)	LF
624-28008	8 Inch Drainage Pipe (Class 8)	8 In Drainage Pipe (CL 8)	LF
624-28009	8 Inch Drainage Pipe (Class 8) (Complete In Place)	8 In Drainage Pipe (CL 8) (CIP)	LF
624-28010	10 Inch Drainage Pipe (Class 8)	10 In Drainage Pipe (CL 8)	LF
624-28011	10 Inch Drainage Pipe (Class 8) (Complete In Place)	10 In Drainage Pipe (CL 8) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-28012	12 Inch Drainage Pipe (Class 8)	12 In Drainage Pipe (CL 8)	LF
624-28013	12 Inch Drainage Pipe (Class 8) (Complete In Place)	12 In Drainage Pipe (CL 8) (CIP)	LF
624-28015	15 Inch Drainage Pipe (Class 8)	15 In Drainage Pipe (CL 8)	LF
624-28016	15 Inch Drainage Pipe (Class 8) (Complete in Place)	15 In Drainage Pipe (CL 8) (CIP)	LF
624-28018	18 Inch Drainage Pipe (Class 8)	18 In Drainage Pipe (CL 8)	LF
624-28019	18 Inch Drainage Pipe (Class 8) (Complete in Place)	18 In Drainage Pipe (CL 8) (CIP)	LF
624-28021	21 Inch Drainage Pipe (Class 8)	21 In Drainage Pipe (CL 8)	LF
624-28022	21 Inch Drainage Pipe (Class 8) (Complete In Place)	21 In Drainage Pipe (CL 8) (CIP)	LF
624-28024	24 Inch Drainage Pipe (Class 8)	24 In Drainage Pipe (CL 8)	LF
624-28025	24 Inch Drainage Pipe (Class 8) (Complete in Place)	24 In Drainage Pipe (CL 8) (CIP)	LF
624-28027	27 Inch Drainage Pipe (Class 8)	27 In Drainage Pipe (CL 8)	LF
624-28028	27 Inch Drainage Pipe (Class 8) (Complete In Place)	27 In Drainage Pipe (CL 8) (CIP)	LF
624-28030	30 Inch Drainage Pipe (Class 8)	30 In Drainage Pipe (CL 8)	LF
624-28031	30 Inch Drainage Pipe (Class 8) (Complete in Place)	30 In Drainage Pipe (CL 8) (CIP)	LF
624-28036	36 Inch Drainage Pipe (Class 8)	36 In Drainage Pipe (CL 8)	LF
624-28037	36 Inch Drainage Pipe (Class 8) (Complete in Place)	36 In Drainage Pipe (CL 8) (CIP)	LF
624-28042	42 Inch Drainage Pipe (Class 8)	42 In Drainage Pipe (CL 8)	LF
624-28043	42 Inch Drainage Pipe (Class 8) (Complete in Place)	42 In Drainage Pipe (CL 8) (CIP)	LF
624-28048	48 Inch Drainage Pipe (Class 8)	48 In Drainage Pipe (CL 8)	LF
624-28049	48 Inch Drainage Pipe (Class 8) (Complete in Place)	48 In Drainage Pipe (CL 8) (CIP)	LF
624-28054	54 Inch Drainage Pipe (Class 8)	54 In Drainage Pipe (CL 8)	LF
624-28055	54 Inch Drainage Pipe (Class 8) (Complete in Place)	54 In Drainage Pipe (CL 8) (CIP)	LF
624-28060	60 Inch Drainage Pipe (Class 8)	60 In Drainage Pipe (CL 8)	LF
624-28061	60 Inch Drainage Pipe (Class 8) (Complete In Place)	60 In Drainage Pipe (CL 8) (CIP)	LF
624-28066	66 Inch Drainage Pipe (Class 8)	66 In Drainage Pipe (CL 8)	LF
624-28067	66 Inch Drainage Pipe (Class 8) (Complete In Place)	66 In Drainage Pipe (CL 8) (CIP)	LF
624-28072	72 Inch Drainage Pipe (Class 8)	72 In Drainage Pipe (CL 8)	LF
624-28073	72 Inch Drainage Pipe (Class 8) (Complete In Place)	72 In Drainage Pipe (CL 8) (CIP)	LF
624-28078	78 Inch Drainage Pipe (Class 8)	78 In Drainage Pipe (CL 8)	LF
624-28079	78 Inch Drainage Pipe (Class 8) (Complete In Place)	78 In Drainage Pipe (CL 8) (CIP)	LF
624-28084	84 Inch Drainage Pipe (Class 8)	84 In Drainage Pipe (CL 8)	LF
624-28085	84 Inch Drainage Pipe (Class 8) (Complete In Place)	84 In Drainage Pipe (CL 8) (CIP)	LF
624-28090	90 Inch Drainage Pipe (Class 8)	90 In Drainage Pipe (CL 8)	LF
624-28091	90 Inch Drainage Pipe (Class 8) (Complete In Place)	90 In Drainage Pipe (CL 8) (CIP)	LF
624-28096	96 Inch Drainage Pipe (Class 8)	96 In Drainage Pipe (CL 8)	LF
624-28097	96 Inch Drainage Pipe (Class 8) (Complete In Place)	96 In Drainage Pipe (CL 8) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-28108	108 Inch Drainage Pipe (Class 8)	108 In Drainage Pipe (CL 8)	LF
624-28109	108 Inch Drainage Pipe (Class 8) (Complete In Place)	108 In Drainage Pipe (CL 8) (CIP)	LF
624-28114	114 Inch Drainage Pipe (Class 8)	114 In Drainage Pipe (CL 8)	LF
624-28115	114 Inch Drainage Pipe (Class 8) (Complete In Place)	114 In Drainage Pipe (CL 8) (CIP)	LF
624-28120	120 Inch Drainage Pipe (Class 8)	120 In Drainage Pipe (CL 8)	LF
624-28121	120 Inch Drainage Pipe (Class 8) (Complete In Place)	120 In Drainage Pipe (CL 8) (CIP)	LF
624-29006	6 Inch Drainage Pipe (Class 9)	6 In Drainage Pipe (CL 9)	LF
624-29007	6 Inch Drainage Pipe (Class 9) (Complete In Place)	6 In Drainage Pipe (CL 9) (CIP)	LF
624-29008	8 Inch Drainage Pipe (Class 9)	8 In Drainage Pipe (CL 9)	LF
624-29009	8 Inch Drainage Pipe (Class 9) (Complete In Place)	8 In Drainage Pipe (CL 9) (CIP)	LF
624-29010	10 Inch Drainage Pipe (Class 9)	10 In Drainage Pipe (CL 9)	LF
624-29011	10 Inch Drainage Pipe (Class 9) (Complete In Place)	10 In Drainage Pipe (CL 9) (CIP)	LF
624-29012	12 Inch Drainage Pipe (Class 9)	12 In Drainage Pipe (CL 9)	LF
624-29013	12 Inch Drainage Pipe (Class 9) (Complete In Place)	12 In Drainage Pipe (CL 9) (CIP)	LF
624-29015	15 Inch Drainage Pipe (Class 9)	15 In Drainage Pipe (CL 9)	LF
624-29016	15 Inch Drainage Pipe (Class 9) (Complete In Place)	15 In Drainage Pipe (CL 9) (CIP)	LF
624-29018	18 Inch Drainage Pipe (Class 9)	18 In Drainage Pipe (CL 9)	LF
624-29019	18 Inch Drainage Pipe (Class 9) (Complete In Place)	18 In Drainage Pipe (CL 9) (CIP)	LF
624-29021	21 Inch Drainage Pipe (Class 9)	21 In Drainage Pipe (CL 9)	LF
624-29022	21 Inch Drainage Pipe (Class 9) (Complete In Place)	21 In Drainage Pipe (CL 9) (CIP)	LF
624-29024	24 Inch Drainage Pipe (Class 9)	24 In Drainage Pipe (CL 9)	LF
624-29025	24 Inch Drainage Pipe (Class 9) (Complete In Place)	24 In Drainage Pipe (CL 9) (CIP)	LF
624-29027	27 Inch Drainage Pipe (Class 9)	27 In Drainage Pipe (CL 9)	LF
624-29028	27 Inch Drainage Pipe (Class 9) (Complete In Place)	27 In Drainage Pipe (CL 9) (CIP)	LF
624-29030	30 Inch Drainage Pipe (Class 9)	30 In Drainage Pipe (CL 9)	LF
624-29031	30 Inch Drainage Pipe (Class 9) (Complete In Place)	30 In Drainage Pipe (CL 9) (CIP)	LF
624-29036	36 Inch Drainage Pipe (Class 9)	36 In Drainage Pipe (CL 9)	LF
624-29037	36 Inch Drainage Pipe (Class 9) (Complete In Place)	36 In Drainage Pipe (CL 9) (CIP)	LF
624-29042	42 Inch Drainage Pipe (Class 9)	42 In Drainage Pipe (CL 9)	LF
624-29043	42 Inch Drainage Pipe (Class 9) (Complete In Place)	42 In Drainage Pipe (CL 9) (CIP)	LF
624-29048	48 Inch Drainage Pipe (Class 9)	48 In Drainage Pipe (CL 9)	LF
624-29049	48 Inch Drainage Pipe (Class 9) (Complete In Place)	48 In Drainage Pipe (CL 9) (CIP)	LF
624-29054	54 Inch Drainage Pipe (Class 9)	54 In Drainage Pipe (CL 9)	LF
624-29055	54 Inch Drainage Pipe (Class 9) (Complete In Place)	54 In Drainage Pipe (CL 9) (CIP)	LF
624-29060	60 Inch Drainage Pipe (Class 9)	60 In Drainage Pipe (CL 9)	LF
624-29061	60 Inch Drainage Pipe (Class 9) (Complete In Place)	60 In Drainage Pipe (CL 9) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-29066	66 Inch Drainage Pipe (Class 9)	66 In Drainage Pipe (CL 9)	LF
624-29067	66 Inch Drainage Pipe (Class 9) (Complete In Place)	66 In Drainage Pipe (CL 9) (CIP)	LF
624-29072	72 Inch Drainage Pipe (Class 9)	72 In Drainage Pipe (CL 9)	LF
624-29073	72 Inch Drainage Pipe (Class 9) (Complete In Place)	72 In Drainage Pipe (CL 9) (CIP)	LF
624-29078	78 Inch Drainage Pipe (Class 9)	78 In Drainage Pipe (CL 9)	LF
624-29079	78 Inch Drainage Pipe (Class 9) (Complete In Place)	78 In Drainage Pipe (CL 9) (CIP)	LF
624-29084	84 Inch Drainage Pipe (Class 9)	84 In Drainage Pipe (CL 9)	LF
624-29085	84 Inch Drainage Pipe (Class 9) (Complete In Place)	84 In Drainage Pipe (CL 9) (CIP)	LF
624-29090	90 Inch Drainage Pipe (Class 9)	90 In Drainage Pipe (CL 9)	LF
624-29091	90 Inch Drainage Pipe (Class 9) (Complete In Place)	90 In Drainage Pipe (CL 9) (CIP)	LF
624-29096	96 Inch Drainage Pipe (Class 9)	96 In Drainage Pipe (CL 9)	LF
624-29097	96 Inch Drainage Pipe (Class 9) (Complete In Place)	96 In Drainage Pipe (CL 9) (CIP)	LF
624-29108	108 Inch Drainage Pipe (Class 9)	108 In Drainage Pipe (CL 9)	LF
624-29109	108 Inch Drainage Pipe (Class 9) (Complete In Place)	108 In Drainage Pipe (CL 9) (CIP)	LF
624-29114	114 Inch Drainage Pipe (Class 9)	114 In Drainage Pipe (CL 9)	LF
624-29115	114 Inch Drainage Pipe (Class 9) (Complete In Place)	114 In Drainage Pipe (CL 9) (CIP)	LF
624-29120	120 Inch Drainage Pipe (Class 9)	120 In Drainage Pipe (CL 9)	LF
624-29121	120 Inch Drainage Pipe (Class 9) (Complete In Place)	120 In Drainage Pipe (CL 9) (CIP)	LF
624-30006	6 Inch Drainage Pipe (Class 10)	6 In Drainage Pipe (CL 10)	LF
624-30007	6 Inch Drainage Pipe (Class 10) (Complete In Place)	6 In Drainage Pipe (CL 10) (CIP)	LF
624-30008	8 Inch Drainage Pipe (Class 10)	8 In Drainage Pipe (CL 10)	LF
624-30009	8 Inch Drainage Pipe (Class 10) (Complete In Place)	8 In Drainage Pipe (CL 10) (CIP)	LF
624-30010	10 Inch Drainage Pipe (Class 10)	10 In Drainage Pipe (CL 10)	LF
624-30011	10 Inch Drainage Pipe (Class 10) (Complete In Place)	10 In Drainage Pipe (CL 10) (CIP)	LF
624-30012	12 Inch Drainage Pipe Class 10)	12 In Drainage Pipe (CL 10)	LF
624-30013	12 Inch Drainage Pipe (Class 10) (Complete In Place)	12 In Drainage Pipe (CL 10) (CIP)	LF
624-30015	15 Inch Drainage Pipe (Class 10)	15 In Drainage Pipe (CL 10)	LF
624-30016	15 Inch Drainage Pipe (Class 10) (Complete In Place)	15 In Drainage Pipe (CL 10) (CIP)	LF
624-30018	18 Inch Drainage Pipe (Class 10)	18 In Drainage Pipe (CL 10)	LF
624-30019	18 Inch Drainage Pipe (Class 10) (Complete In Place)	18 In Drainage Pipe (CL 10) (CIP)	LF
624-30021	21 Inch Drainage Pipe (Class 10)	21 In Drainage Pipe (CL 10)	LF
624-30022	21 Inch Drainage Pipe (Class 10) (Complete In Place)	21 In Drainage Pipe (CL 10) (CIP)	LF
624-30024	24 Inch Drainage Pipe (Class 10)	24 In Drainage Pipe (CL 10)	LF
624-30025	24 Inch Drainage Pipe (Class 10) (Complete In Place)	24 In Drainage Pipe (CL 10) (CIP)	LF
624-30027	27 Inch Drainage Pipe (Class 10)	27 In Drainage Pipe (CL 10)	LF
624-30028	27 Inch Drainage Pipe (Class 10) (Complete In Place)	27 In Drainage Pipe (CL 10) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-30030	30 Inch Drainage Pipe (Class 10)	30 In Drainage Pipe (CL 10)	LF
624-30031	30 Inch Drainage Pipe (Class 10) (Complete In Place)	30 In Drainage Pipe (CL 10) CIP)	LF
624-30036	36 Inch Drainage Pipe (Class 10)	36 In Drainage Pipe (CL 10)	LF
624-30037	36 Inch Drainage Pipe (Class 10) (Complete In Place)	36 In Drainage Pipe (CL 10) (CIP)	LF
624-30042	42 Inch Drainage Pipe (Class 10)	42 In Drainage Pipe (CL 10)	LF
624-30043	42 Inch Drainage Pipe (Class 10) (Complete In Place)	42 In Drainage Pipe (CL 10) (CIP)	LF
624-30048	48 Inch Drainage Pipe (Class 10)	48 In Drainage Pipe (CL 10)	LF
624-30049	48 Inch Drainage Pipe (Class 10) (Complete In Place)	48 In Drainage Pipe (CL 10) (CIP)	LF
624-30054	54 Inch Drainage Pipe (Class 10)	54 In Drainage Pipe (CL 10)	LF
624-30055	54 Inch Drainage Pipe (Class 10) (Complete In Place)	54 In Drainage Pipe (CL 10) (CIP)	LF
624-30060	60 Inch Drainage Pipe (Class 10)	60 In Drainage Pipe (CL 10)	LF
624-30061	60 Inch Drainage Pipe (Class 10) (Complete In Place)	60 In Drainage Pipe (CL 10) (CIP)	LF
624-30066	66 Inch Drainage Pipe (Class 10)	66 In Drainage Pipe (CL 10)	LF
624-30067	66 Inch Drainage Pipe (Class 10) (Complete In Place)	66 In Drainage Pipe (CL 10) (CIP)	LF
624-30072	72 Inch Drainage Pipe (Class 10)	72 In Drainage Pipe (CL 10)	LF
624-30073	72 Inch Drainage Pipe (Class 10) (Complete In Place)	72 In Drainage Pipe (CL 10) (CIP)	LF
624-30078	78 Inch Drainage Pipe (Class 10)	78 In Drainage Pipe (CL 10)	LF
624-30079	78 Inch Drainage Pipe (Class 10) (Complete In Place)	78 In Drainage Pipe (CL 10) (CIP)	LF
624-30084	84 Inch Drainage Pipe (Class 10)	84 In Drainage Pipe (CL 10)	LF
624-30085	84 Inch Drainage Pipe (Class 10) (Complete In Place)	84 In Drainage Pipe (CL 10) (CIP)	LF
624-30090	90 Inch Drainage Pipe (Class 10)	90 In Drainage Pipe (CL 10)	LF
624-30091	90 Inch Drainage Pipe (Class 10) (Complete In Place)	90 In Drainage Pipe (CL 10) (CIP)	LF
624-30096	96 Inch Drainage Pipe (Class 10)	96 In Drainage Pipe (CL 10)	LF
624-30097	96 Inch Drainage Pipe (Class 10) (Complete In Place)	96 In Drainage Pipe (CL 10) (CIP)	LF
624-30108	108 Inch Drainage Pipe (Class 10)	108 In Drainage Pipe (CL 10)	LF
624-30109	108 Inch Drainage Pipe (Class 10) (Complete In Place)	108 In Drainage Pipe (CL 10) (CIP)	LF
624-30114	114 Inch Drainage Pipe (Class 10)	114 In Drainage Pipe (CL 10)	LF
624-30115	114 Inch Drainage Pipe (Class 10) (Complete In Place)	114 In Drainage Pipe (CL 10) (CIP)	LF
624-30120	120 Inch Drainage Pipe (Class 10)	120 In Drainage Pipe (CL 10)	LF
624-30121	120 Inch Drainage Pipe (Class 10) (Complete In Place)	120 In Drainage Pipe (CL 10) (CIP)	LF
624-40018	18 Inch Equivalent Drainage Pipe Elliptical (Class 0)	18 In Equiv Drain Pipe E (CL 0)	LF
624-40019	18 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	18 In Equiv Pipe E (CL 0) (CIP)	LF
624-40021	21 Inch Equivalent Drainage Pipe Elliptical (Class 0)	21 In Equiv Drain Pipe E (CL 0)	LF
624-40022	21 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	21 In Equiv Drain Pipe E (CL 0) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-40024	24 Inch Equivalent Drainage Pipe Elliptical (Class 0)	24 In Equiv Drain Pipe E (CL 0)	LF
624-40025	24 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	24 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40027	27 Inch Equivalent Drainage Pipe Elliptical (Class 0)	27 In Equiv Drain Pipe E (CL 0)	LF
624-40028	27 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	27 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40030	30 Inch Equivalent Drainage Pipe Elliptical (Class 0)	30 In Equiv Drain Pipe E (CL 0)	LF
624-40031	30 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	30 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40036	36 Inch Equivalent Drainage Pipe Elliptical (Class 0)	36 In Equiv Drain Pipe E (CL 0)	LF
624-40037	36 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	36 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40042	42 Inch Equivalent Drainage Pipe Elliptical (Class 0)	42 In Equiv Drain Pipe E (CL 0)	LF
624-40043	42 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	42 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40048	48 Inch Equivalent Drainage Pipe Elliptical (Class 0)	48 In Equiv Drain Pipe E (CL 0)	LF
624-40049	48 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	48 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40054	54 Inch Equivalent Drainage Pipe Elliptical (Class 0)	54 In Equiv Drain Pipe E (CL 0)	LF
624-40055	54 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	54 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40060	60 Inch Equivalent Drainage Pipe Elliptical (Class 0)	60 In Equiv Drain Pipe E (CL 0)	LF
624-40061	60 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	60 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40066	66 Inch Equivalent Drainage Pipe Elliptical (Class 0)	66 In Equiv Drain Pipe E (CL 0)	LF
624-40067	66 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	66 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40072	72 Inch Equivalent Drainage Pipe Elliptical (Class 0)	72 In Equiv Drain Pipe E (CL 0)	LF
624-40073	72 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	72 In Equiv Drain Pipe E (CL 0)	LF
624-40078	78 Inch Equivalent Drainage Pipe Elliptical (Class 0)	78 In Equiv Drain Pipe E (CL 0)	LF
624-40079	78 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	78 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40084	84 Inch Equivalent Drainage Pipe Elliptical (Class 0)	84 In Equiv Drain Pipe E (CL 0)	LF
624-40085	84 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	84 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40090	90 Inch Equivalent Drainage Pipe Elliptical (Class 0)	90 In Equiv Drain Pipe E (CL 0)	LF
624-40091	90 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	90 In Equiv Drain Pipe E (CL 0) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-40096	96 Inch Equivalent Drainage Pipe Elliptical (Class 0)	96 In Equiv Drain Pipe E (CL 0)	LF
624-40097	96 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	96 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40102	102 Inch Equivalent Drainage Pipe Elliptical (Class 0)	102 In Equiv Drain Pipe E (CL 0)	LF
624-40103	102 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	102 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-40108	108 Inch Equivalent Drainage Pipe Elliptical (Class 0)	108 In Equiv Drain Pipe E (CL 0)	LF
624-40109	108 Inch Equivalent Drainage Pipe Elliptical (Class 0) (Complete In Place)	108 In Equiv Drain Pipe E (CL 0) (CIP)	LF
624-41018	18 Inch Equivalent Drainage Pipe Elliptical (Class 1)	18 In Equiv Drain Pipe E (CL 1)	LF
624-41019	18 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	18 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41021	21 Inch Equivalent Drainage Pipe Elliptical (Class 1)	21 In Equiv Drain Pipe E (CL 1)	LF
624-41022	21 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	21 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41024	24 Inch Equivalent Drainage Pipe Elliptical (Class 1)	24 In Equiv Drain Pipe E (CL 1)	LF
624-41025	24 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	24 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41027	27 Inch Equivalent Drainage Pipe Elliptical (Class 1)	27 In Equiv Drain Pipe E (CL 1)	LF
624-41028	27 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	27 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41030	30 Inch Equivalent Drainage Pipe Elliptical (Class 1)	30 In Equiv Drain Pipe E (CL 1)	LF
624-41031	30 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	30 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41036	36 Inch Equivalent Drainage Pipe Elliptical (Class 1)	36 In Equiv Drain Pipe E (CL 1)	LF
624-41037	36 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	36 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41042	42 Inch Equivalent Drainage Pipe Elliptical (Class 1)	42 In Equiv Drain Pipe E (CL 1)	LF
624-41043	42 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	42 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41048	48 Inch Equivalent Drainage Pipe Elliptical (Class 1)	48 In Equiv Drain Pipe E (CL 1)	LF
624-41049	48 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	48 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41054	54 Inch Equivalent Drainage Pipe Elliptical (Class 1)	54 In Equiv Drain Pipe E (CL 1)	LF
624-41055	54 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	54 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41060	60 Inch Equivalent Drainage Pipe Elliptical (Class 1)	60 In Equiv Drain Pipe E (CL 1)	LF
624-41061	60 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	60 In Equiv Drain Pipe E (CL 1) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-41066	66 Inch Equivalent Drainage Pipe Elliptical (Class 1)	66 In Equiv Drain Pipe E (CL 1)	LF
624-41067	66 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	66 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41072	72 Inch Equivalent Drainage Pipe Elliptical (Class 1)	72 In Equiv Drain Pipe E (CL 1)	LF
624-41073	72 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	72 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41078	78 Inch Equivalent Drainage Pipe Elliptical (Class 1)	78 In Equiv Drain Pipe E (CL 1)	LF
624-41079	78 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	78 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41084	84 Inch Equivalent Drainage Pipe Elliptical (Class 1)	84 In Equiv Drain Pipe E (CL 1)	LF
624-41085	84 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	84 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41090	90 Inch Equivalent Drainage Pipe Elliptical (Class 1)	90 In Equiv Drain Pipe E (CL 1)	LF
624-41091	90 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	90 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41096	96 Inch Equivalent Drainage Pipe Elliptical (Class 1)	96 In Equiv Drain Pipe E (CL 1)	LF
624-41097	96 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	96 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41102	102 Inch Equivalent Drainage Pipe Elliptical (Class 1)	102 In Equiv Drain Pipe E (CL 1)	LF
624-41103	102 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	102 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-41108	108 Inch Equivalent Drainage Pipe Elliptical (Class 1)	108 In Equiv Drain Pipe E (CL 1)	LF
624-41109	108 Inch Equivalent Drainage Pipe Elliptical (Class 1) (Complete In Place)	108 In Equiv Drain Pipe E (CL 1) (CIP)	LF
624-42018	18 Inch Equivalent Drainage Pipe Elliptical (Class 2)	18 In Equiv Drain Pipe E (CL 2)	LF
624-42019	18 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	18 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42021	21 Inch Equivalent Drainage Pipe Elliptical (Class 2)	21 In Equiv Drain Pipe E (CL 2)	LF
624-42022	21 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	21 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42024	24 Inch Equivalent Drainage Pipe Elliptical (Class 2)	24 In Equiv Drain Pipe E (CL 2)	LF
624-42025	24 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	24 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42027	27 Inch Equivalent Drainage Pipe Elliptical (Class 2)	27 In Equiv Drain Pipe E (CL 2)	LF
624-42028	27 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	27 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42030	30 Inch Equivalent Drainage Pipe Elliptical (Class 2)	30 In Equiv Drain Pipe E (CL 2)	LF
624-42031	30 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	30 In Equiv Drain Pipe E (CL 2) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-42036	36 Inch Equivalent Drainage Pipe Elliptical (Class 2)	36 In Equiv Drain Pipe E (CL 2)	LF
624-42037	36 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	36 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42042	42 Inch Equivalent Drainage Pipe Elliptical (Class 2)	42 In Equiv Drain Pipe E (CL 2)	LF
624-42043	42 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	42 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42048	48 Inch Equivalent Drainage Pipe Elliptical (Class 2)	48 In Equiv Drain Pipe E (CL 2)	LF
624-42049	48 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	48 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42054	54 Inch Equivalent Drainage Pipe Elliptical (Class 2)	54 In Equiv Drain Pipe E (CL 2)	LF
624-42055	54 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	54 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42060	60 Inch Equivalent Drainage Pipe Elliptical (Class 2)	60 In Equiv Drain Pipe E (CL 2)	LF
624-42061	60 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	60 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42066	66 Inch Equivalent Drainage Pipe Elliptical (Class 2)	66 In Equiv Drain Pipe E (CL 2)	LF
624-42072	72 Inch Equivalent Drainage Pipe Elliptical (Class 2)	72 In Equiv Drain Pipe E (CL 2)	LF
624-42073	72 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	72 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42078	78 Inch Equivalent Drainage Pipe Elliptical (Class 2)	78 In Equiv Drain Pipe E (CL 2)	LF
624-42079	78 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	78 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42084	84 Inch Equivalent Drainage Pipe Elliptical (Class 2)	84 In Equiv Drain Pipe E (CL 2)	LF
624-42085	84 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	84 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42090	90 Inch Equivalent Drainage Pipe Elliptical (Class 2)	90 In Equiv Drain Pipe E (CL 2)	LF
624-42091	90 Inch Equivalent Drainage Pipe Elliptical (Class 2) Complete-In-Place	90 In Equiv Drain Pipe E (CL2) (CIP)	LF
624-42096	96 Inch Equivalent Drainage Pipe Elliptical (Class 2)	96 In Equiv Drain Pipe E (CL 2)	LF
624-42097	96 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	96 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42102	102 Inch Equivalent Drainage Pipe Elliptical (Class 2)	102 In Equiv Drain Pipe E (CL 2)	LF
624-42103	102 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	102 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-42108	108 Inch Equivalent Drainage Pipe Elliptical (Class 2)	108 In Equiv Drain Pipe E (CL 2)	LF
624-42109	108 Inch Equivalent Drainage Pipe Elliptical (Class 2) (Complete In Place)	108 In Equiv Drain Pipe E (CL 2) (CIP)	LF
624-43018	18 Inch Equivalent Drainage Pipe Elliptical (Class 3)	18 In Equiv Drain Pipe E (CL 3)	LF
624-43019	18 Inch Equivalent Drainage Pipe Elliptical (Class 3)	18 In Equiv Drain Pipe E (CL 3) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
	(Complete In Place)		
624-43021	21 Inch Equivalent Drainage Pipe Elliptical (Class 3)	21 In Equiv Drain Pipe E (CL 3)	LF
624-43022	21 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	21 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43024	24 Inch Equivalent Drainage Pipe Elliptical (Class 3)	24 In Equiv Drain Pipe E (CL 3)	LF
624-43025	24 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	24 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43027	27 Inch Equivalent Drainage Pipe Elliptical (Class 3)	27 In Equiv Drain Pipe E (CL 3)	LF
624-43028	27 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	27 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43030	30 Inch Equivalent Drainage Pipe Elliptical (Class 3)	30 In Equiv Drain Pipe E (CL 3)	LF
624-43031	30 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	30 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43036	36 Inch Equivalent Drainage Pipe Elliptical (Class 3)	36 In Equiv Drain Pipe E (CL 3)	LF
624-43037	36 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	36 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43042	42 Inch Equivalent Drainage Pipe Elliptical (Class 3)	42 In Equiv Drain Pipe E (CL 3)	LF
624-43043	42 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	42 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43048	48 Inch Equivalent Drainage Pipe Elliptical (Class 3)	48 In Equiv Drain Pipe E (CL 3)	LF
624-43049	48 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	48 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43054	54 Inch Equivalent Drainage Pipe Elliptical (Class 3)	54 In Equiv Drain Pipe E (CL 3)	LF
624-43055	54 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	54 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43060	60 Inch Equivalent Drainage Pipe Elliptical (Class 3)	60 In Equiv Drain Pipe E (CL 3)	LF
624-43061	60 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	60 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43066	66 Inch Equivalent Drainage Pipe Elliptical (Class 3)	66 In Equiv Drain Pipe E (CL 3)	LF
624-43067	66 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	66 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43072	72 Inch Equivalent Drainage Pipe Elliptical (Class 3)	72 In Equiv Drain Pipe E (CL 3)	LF
624-43073	72 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	72 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43078	78 Inch Equivalent Drainage Pipe Elliptical (Class 3)	78 In Equiv Drain Pipe E (CL 3)	LF
624-43079	78 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	78 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43084	84 Inch Equivalent Drainage Pipe Elliptical (Class 3)	84 In Equiv Drain Pipe E (CL 3)	LF
624-43085	84 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	84 In Equiv Drain Pipe E (CL 3) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-43090	90 Inch Equivalent Drainage Pipe Elliptical (Class 3)	90 In Equiv Drain Pipe E (CL 3)	LF
624-43091	90 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	90 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43096	96 Inch Equivalent Drainage Pipe Elliptical (Class 3)	96 In Equiv Drain Pipe E (CL 3)	LF
624-43097	96 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	96 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43102	102 Inch Equivalent Drainage Pipe Elliptical (Class 3)	102 In Equiv Drain Pipe E (CL 3)	LF
624-43103	102 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	102 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-43108	108 Inch Equivalent Drainage Pipe Elliptical (Class 3)	108 In Equiv Drain Pipe E (CL 3)	LF
624-43109	108 Inch Equivalent Drainage Pipe Elliptical (Class 3) (Complete In Place)	108 In Equiv Drain Pipe E (CL 3) (CIP)	LF
624-44018	18 Inch Equivalent Drainage Pipe Elliptical (Class 4)	18 In Equiv Drain Pipe E (CL 4)	LF
624-44019	18 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	18 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44021	21 Inch Equivalent Drainage Pipe Elliptical (Class 4)	21 In Equiv Drain Pipe E (CL 4)	LF
624-44022	21 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	21 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44024	24 Inch Equivalent Drainage Pipe Elliptical (Class 4)	24 In Equiv Drain Pipe E (CL 4)	LF
624-44025	24 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	24 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44027	27 Inch Equivalent Drainage Pipe Elliptical (Class 4)	27 In Equiv Drain Pipe E (CL 4)	LF
624-44028	27 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	27 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44030	30 Inch Equivalent Drainage Pipe Elliptical (Class 4)	30 In Equiv Drain Pipe E (CL 4)	LF
624-44031	30 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	30 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44036	36 Inch Equivalent Drainage Pipe Elliptical (Class 4)	36 In Equiv Drain Pipe E (CL 4)	LF
624-44037	36 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	36 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44042	42 Inch Equivalent Drainage Pipe Elliptical (Class 4)	42 In Equiv Drain Pipe E (CL 4)	LF
624-44043	42 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	42 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44048	48 Inch Equivalent Drainage Pipe Elliptical (Class 4)	48 In Equiv Drain Pipe E (CL 4)	LF
624-44049	48 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	48 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44054	54 Inch Equivalent Drainage Pipe Elliptical (Class 4)	54 In Equiv Drain Pipe E (CL 4)	LF
624-44055	54 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	54 In Equiv Drain Pipe E (CL 4) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-44060	60 Inch Equivalent Drainage Pipe Elliptical (Class 4)	60 In Equiv Drain Pipe E (CL 4)	LF
624-44061	60 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	60 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44066	66 Inch Equivalent Drainage Pipe Elliptical (Class 4)	66 In Equiv Drain Pipe E (CL 4)	LF
624-44072	72 Inch Equivalent Drainage Pipe Elliptical (Class 4)	72 In Equiv Drain Pipe E (CL 4)	LF
624-44073	72 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	72 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44078	78 Inch Equivalent Drainage Pipe Elliptical (Class 4)	78 In Equiv Drain Pipe E (CL 4)	LF
624-44079	78 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	78 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44084	84 Inch Equivalent Drainage Pipe Elliptical (Class 4)	84 In Equiv Drain Pipe E (CL 4)	LF
624-44085	84 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	84 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44090	90 Inch Equivalent Drainage Pipe Elliptical (Class 4)	90 In Equiv Drain Pipe E (CL 4)	LF
624-44091	90 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	90 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44096	96 Inch Equivalent Drainage Pipe Elliptical (Class 4)	96 In Equiv Drain Pipe E (CL 4)	LF
624-44097	96 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	96 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44102	102 Inch Equivalent Drainage Pipe Elliptical (Class 4)	102 In Equiv Drain Pipe E (CL 4)	LF
624-44103	102 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	102 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-44108	108 Inch Equivalent Drainage Pipe Elliptical (Class 4)	108 In Equiv Drain Pipe E (CL 4)	LF
624-44109	108 Inch Equivalent Drainage Pipe Elliptical (Class 4) (Complete In Place)	108 In Equiv Drain Pipe E (CL 4) (CIP)	LF
624-45018	18 Inch Equivalent Drainage Pipe Elliptical (Class 5)	18 In Equiv Drain Pipe E (CL 5)	LF
624-45019	18 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	18 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45021	21 Inch Equivalent Drainage Pipe Elliptical (Class 5)	21 In Equiv Drain Pipe E (CL 5)	LF
624-45022	21 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	21 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45024	24 Inch Equivalent Drainage Pipe Elliptical (Class 5)	24 In Equiv Drain Pipe E (CL 5)	LF
624-45025	24 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	24 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45027	27 Inch Equivalent Drainage Pipe Elliptical (Class 5)	27 In Equiv Drain Pipe E (CL 5)	LF
624-45028	27 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	27 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45030	30 Inch Equivalent Drainage Pipe Elliptical (Class 5)	30 In Equiv Drain Pipe E (CL 5)	LF
624-45031	30 Inch Equivalent Drainage Pipe Elliptical (Class 5)	30 In Equiv Drain Pipe E (CL 5) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
	(Complete In Place)		
624-45036	36 Inch Equivalent Drainage Pipe Elliptical (Class 5)	36 In Equiv Drain Pipe E (CL 5)	LF
624-45037	36 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	36 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45042	42 Inch Equivalent Drainage Pipe Elliptical (Class 5)	42 In Equiv Drain Pipe E (CL 5)	LF
624-45043	42 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	42 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45048	48 Inch Equivalent Drainage Pipe Elliptical (Class 5)	48 In Equiv Drain Pipe E (CL 5)	LF
624-45049	48 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	48 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45054	54 Inch Equivalent Drainage Pipe Elliptical (Class 5)	54 In Equiv Drain Pipe E (CL 5)	LF
624-45055	54 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	54 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45060	60 Inch Equivalent Drainage Pipe Elliptical (Class 5)	60 In Equiv Drain Pipe E (CL 5)	LF
624-45061	60 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	60 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45066	66 Inch Equivalent Drainage Pipe Elliptical (Class 5)	66 In Equiv Drain Pipe E (CL 5)	LF
624-45072	72 Inch Equivalent Drainage Pipe Elliptical (Class 5)	72 In Equiv Drain Pipe E (CL 5)	LF
624-45073	72 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	72 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45078	78 Inch Equivalent Drainage Pipe Elliptical (Class 5)	78 In Equiv Drain Pipe E (CL 5)	LF
624-45079	78 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	78 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45084	84 Inch Equivalent Drainage Pipe Elliptical (Class 5)	84 In Equiv Drain Pipe E (CL 5)	LF
624-45085	84 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	84 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45090	90 Inch Equivalent Drainage Pipe Elliptical (Class 5)	90 In Equiv Drain Pipe E (CL 5)	LF
624-45091	90 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	90 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45096	96 Inch Equivalent Drainage Pipe Elliptical (Class 5)	96 In Equiv Drain Pipe E (CL 5)	LF
624-45097	96 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	96 In Equiv Drain Pipe E (CL 5)	LF
624-45102	102 Inch Equivalent Drainage Pipe Elliptical (Class 5)	102 In Equiv Drain Pipe E (CL 5)	LF
624-45103	102 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	102 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-45108	108 Inch Equivalent Drainage Pipe Elliptical (Class 5)	108 In Equiv Drain Pipe E (CL 5)	LF
624-45109	108 Inch Equivalent Drainage Pipe Elliptical (Class 5) (Complete In Place)	108 In Equiv Drain Pipe E (CL 5) (CIP)	LF
624-46018	18 Inch Equivalent Drainage Pipe Elliptical (Class 6)	18 In Equiv Drain Pipe E (CL 6)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-46019	18 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	18 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46021	21 Inch Equivalent Drainage Pipe Elliptical (Class 6)	21 In Equiv Drain Pipe E (CL 6)	LF
624-46022	21 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	21 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46024	24 Inch Equivalent Drainage Pipe Elliptical (Class 6)	24 In Equiv Drain Pipe E (CL 6)	LF
624-46025	24 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	24 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46027	27 Inch Equivalent Drainage Pipe Elliptical (Class 6)	27 In Equiv Drain Pipe E (CL 6)	LF
624-46028	27 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	27 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46030	30 Inch Equivalent Drainage Pipe Elliptical (Class 6)	30 In Equiv Drain Pipe E (CL 6)	LF
624-46031	30 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	30 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46036	36 Inch Equivalent Drainage Pipe Elliptical (Class 6)	36 In Equiv Drain Pipe E (CL 6)	LF
624-46037	36 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	36 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46042	42 Inch Equivalent Drainage Pipe Elliptical (Class 6)	42 In Equiv Drain Pipe E (CL 6)	LF
624-46043	42 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	42 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46048	48 Inch Equivalent Drainage Pipe Elliptical (Class 6)	48 In Equiv Drain Pipe E (CL 6)	LF
624-46049	48 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	48 In Equiv Drain Pipe E (CIP)	LF
624-46054	54 Inch Equivalent Drainage Pipe Elliptical (Class 6)	54 In Equiv Drain Pipe E (CL 6)	LF
624-46055	54 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	54 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46060	60 Inch Equivalent Drainage Pipe Elliptical (Class 6)	60 In Equiv Drain Pipe E (CL 6)	LF
624-46061	60 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	60 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46066	66 Inch Equivalent Drainage Pipe Elliptical (Class 6)	66 In Equiv Drain Pipe E (CL 6)	LF
624-46072	72 Inch Equivalent Drainage Pipe Elliptical (Class 6)	72 In Equiv Drain Pipe E (CL 6)	LF
624-46073	72 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	72 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46078	78 Inch Equivalent Drainage Pipe Elliptical (Class 6)	78 In Equiv Drain Pipe E (CL 6)	LF
624-46079	78 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	78 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46084	84 Inch Equivalent Drainage Pipe Elliptical (Class 6)	84 In Equiv Drain Pipe E (CL 6)	LF
624-46085	84 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	84 In Equiv Drain Pipe E (CL 6) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-46090	90 Inch Equivalent Drainage Pipe Elliptical (Class 6)	90 In Equiv Drain Pipe E (CL 6)	LF
624-46091	90 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	90 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46094	96 Inch Equivalent Drainage Pipe Elliptical (Class 6)	96 In Equiv Drain Pipe E (CL 6)	LF
624-46097	96 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	96 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46102	102 Inch Equivalent Drainage Pipe Elliptical (Class 6)	102 In Equiv Drain Pipe E (CL 6)	LF
624-46103	102 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	102 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-46108	108 Inch Equivalent Drainage Pipe Elliptical (Class 6)	108 In Equiv Drain Pipe E (CL 6)	LF
624-46109	108 Inch Equivalent Drainage Pipe Elliptical (Class 6) (Complete In Place)	108 In Equiv Drain Pipe E (CL 6) (CIP)	LF
624-47018	18 Inch Equivalent Drainage Pipe Elliptical (Class 7)	18 In Equiv Drain Pipe E (CL 7)	LF
624-47019	18 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	18 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47021	21 Inch Equivalent Drainage Pipe Elliptical (Class 7)	21 In Equiv Drain Pipe E (CL 7)	LF
624-47022	21 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	21 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47024	24 Inch Equivalent Drainage Pipe Elliptical (Class 7)	24 In Equiv Drain Pipe E (CL 7)	LF
624-47025	24 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	24 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47027	27 Inch Equivalent Drainage Pipe Elliptical (Class 7)	27 In Equiv Drain Pipe E (CL 7)	LF
624-47028	27 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	27 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47030	30 Inch Equivalent Drainage Pipe Elliptical (Class 7)	30 In Equiv Drain Pipe E (CL 7)	LF
624-47031	30 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	30 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47036	36 Inch Equivalent Drainage Pipe Elliptical (Class 7)	36 In Equiv Drain Pipe E (CL 7)	LF
624-47037	36 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	36 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47042	42 Inch Equivalent Drainage Pipe Elliptical (Class 7)	42 In Equiv Drain Pipe E (CL 7)	LF
624-47043	42 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	42 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47048	48 Inch Equivalent Drainage Pipe Elliptical (Class 7)	48 In Equiv Drain Pipe E (CL 7)	LF
624-47049	48 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	48 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47054	54 Inch Equivalent Drainage Pipe Elliptical (Class 7)	54 In Equiv Drain Pipe E (CL 7)	LF
624-47055	54 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	54 In Equiv Drain Pipe E (CL 7) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-47060	60 Inch Equivalent Drainage Pipe Elliptical (Class 7)	60 In Equiv Drain Pipe E (CL 7)	LF
624-47061	60 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	60 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47066	66 Inch Equivalent Drainage Pipe Elliptical (Class 7)	66 In Equiv Drain Pipe E (CL 7)	LF
624-47067	66 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	66 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47072	72 Inch Equivalent Drainage Pipe Elliptical (Class 7)	72 In Equiv Drain Pipe E (CL 7)	LF
624-47073	72 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	72 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47078	78 Inch Equivalent Drainage Pipe Elliptical (Class 7)	78 In Equiv Drain Pipe E (CL 7)	LF
624-47079	78 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	78 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47084	84 Inch Equivalent Drainage Pipe Elliptical (Class 7)	84 In Equiv Drain Pipe E (CL 7)	LF
624-47085	84 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	84 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47090	90 Inch Equivalent Drainage Pipe Elliptical (Class 7)	90 In Equiv Drain Pipe E (CL 7)	LF
624-47091	90 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	90 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47096	96 Inch Equivalent Drainage Pipe Elliptical (Class 7)	96 In Equiv Drain Pipe E (CL 7)	LF
624-47097	96 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	96 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47102	102 Inch Equivalent Drainage Pipe Elliptical (Class 7)	102 In Equiv Drain Pipe E (CL 7)	LF
624-47103	102 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	102 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-47108	108 Inch Equivalent Drainage Pipe Elliptical (Class 7)	108 In Equiv Drain Pipe E (CL 7)	LF
624-47109	108 Inch Equivalent Drainage Pipe Elliptical (Class 7) (Complete In Place)	108 In Equiv Drain Pipe E (CL 7) (CIP)	LF
624-48018	18 Inch Equivalent Drainage Pipe Elliptical (Class 8)	18 In Equiv Drain Pipe E (CL 8)	LF
624-48019	18 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	18 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48021	21 Inch Equivalent Drainage Pipe Elliptical (Class 8)	21 In Equiv Drain Pipe E (CL 8)	LF
624-48022	21 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	21 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48024	24 Inch Equivalent Drainage Pipe Elliptical (Class 8)	24 In Equiv Drain Pipe E (CL 8)	LF
624-48025	24 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	24 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48027	27 Inch Equivalent Drainage Pipe Elliptical (Class 8)	27 In Equiv Drain Pipe E (CL 8)	LF
624-48028	27 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	27 In Equiv Drain Pipe E (CL 8) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-48030	30 Inch Equivalent Drainage Pipe Elliptical (Class 8)	30 In Equiv Drain Pipe E (CL 8)	LF
624-48031	30 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	30 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48036	36 Inch Equivalent Drainage Pipe Elliptical (Class 8)	36 In Equiv Drain Pipe E (CL 8)	LF
624-48037	36 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	36 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48042	42 Inch Equivalent Drainage Pipe Elliptical (Class 8)	42 In Equiv Drain Pipe E (CL 8)	LF
624-48043	42 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	42 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48048	48 Inch Equivalent Drainage Pipe Elliptical (Class 8)	48 In Equiv Drain Pipe E (CL 8)	LF
624-48049	48 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	48 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48054	54 Inch Equivalent Drainage Pipe Elliptical (Class 8)	54 In Equiv Drain Pipe E (CL 8)	LF
624-48055	54 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	54 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48060	60 Inch Equivalent Drainage Pipe Elliptical (Class 8)	60 In Equiv Drain Pipe E (CL 8)	LF
624-48061	60 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	60 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48066	66 Inch Equivalent Drainage Pipe Elliptical (Class 8)	66 In Equiv Drain Pipe E (CL 8)	LF
624-48072	72 Inch Equivalent Drainage Pipe Elliptical (Class 8)	72 In Equiv Drain Pipe E (CL 8)	LF
624-48073	72 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	72 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48078	78 Inch Equivalent Drainage Pipe Elliptical (Class 8)	78 In Equiv Drain Pipe E (CL 8)	LF
624-48079	78 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	78 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48084	84 Inch Equivalent Drainage Pipe Elliptical (Class 8)	84 In Equiv Drain Pipe E (CL 8)	LF
624-48085	84 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	84 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48090	90 Inch Equivalent Drainage Pipe Elliptical (Class 8)	90 In Equiv Drain Pipe E (CL 8)	LF
624-48091	90 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	90 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48096	96 Inch Equivalent Drainage Pipe Elliptical (Class 8)	96 In Equiv Drain Pipe E (CL 8)	LF
624-48097	96 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	96 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48102	102 Inch Equivalent Drainage Pipe Elliptical (Class 8)	102 In Equiv Drain Pipe E (CL 8)	LF
624-48103	102 Inch Equivalent Drainage Pipe Elliptical (Class 8) (Complete In Place)	102 In Equiv Drain Pipe E (CL 8) (CIP)	LF
624-48108	108 Inch Equivalent Drainage Pipe Elliptical (Class 8)	108 In Equiv Drain Pipe E (CL 8)	LF
624-48109	108 Inch Equivalent Drainage Pipe Elliptical (Class 8)	108 In Equiv Drain Pipe E (CL 8) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
	(Complete In Place)		
624-49018	18 Inch Equivalent Drainage Pipe Elliptical (Class 9)	18 In Equiv Drain Pipe E (CL 9)	LF
624-49019	18 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	18 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49021	21 Inch Equivalent Drainage Pipe Elliptical (Class 9)	21 In Equiv Drain Pipe E (CL 9)	LF
624-49022	21 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	21 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49024	24 Inch Equivalent Drainage Pipe Elliptical (Class 9)	24 In Equiv Drain Pipe E (CL 9)	LF
624-49025	24 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	24 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49027	27 Inch Equivalent Drainage Pipe Elliptical (Class 9)	27 In Equiv Drain Pipe E (CL 9)	LF
624-49028	27 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	27 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49030	30 Inch Equivalent Drainage Pipe Elliptical (Class 9)	30 In Equiv Drain Pipe E (CL 9)	LF
624-49031	30 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	30 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49036	36 Inch Equivalent Drainage Pipe Elliptical (Class 9)	36 In Equiv Drain Pipe E (CL 9)	LF
624-49037	36 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	36 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49042	42 Inch Equivalent Drainage Pipe Elliptical (Class 9)	42 In Equiv Drain Pipe E (CL 9)	LF
624-49043	42 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	42 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49048	48 Inch Equivalent Drainage Pipe Elliptical (Class 9)	48 In Equiv Drain Pipe E (CL 9)	LF
624-49049	48 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	48 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49054	54 Inch Equivalent Drainage Pipe Elliptical (Class 9)	54 In Equiv Drain Pipe E (CL 9)	LF
624-49055	54 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	54 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49060	60 Inch Equivalent Drainage Pipe Elliptical (Class 9)	60 In Equiv Drain Pipe E (CL 9)	LF
624-49061	60 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	60 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49066	66 Inch Equivalent Drainage Pipe Elliptical (Class 9)	66 In Equiv Drain Pipe E (CL 9)	LF
624-49072	72 Inch Equivalent Drainage Pipe Elliptical (Class 9)	72 In Equiv Drain Pipe E (CL 9)	LF
624-49073	72 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	72 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49078	78 Inch Equivalent Drainage Pipe Elliptical (Class 9)	78 In Equiv Drain Pipe E (CL 9)	LF
624-49079	78 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	78 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49084	84 Inch Equivalent Drainage Pipe Elliptical (Class 9)	84 In Equiv Drain Pipe E (CL 9)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-49085	84 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	84 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49090	90 Inch Equivalent Drainage Pipe Elliptical (Class 9)	90 In Equiv Drain Pipe E (CL 9)	LF
624-49091	90 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	90 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49096	96 Inch Equivalent Drainage Pipe Elliptical (Class 9)	96 In Equiv Drain Pipe E (CL 9)	LF
624-49097	96 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	96 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49102	102 Inch Equivalent Drainage Pipe Elliptical (Class 9)	102 In Equiv Drain Pipe E (CL 9)	LF
624-49103	102 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	102 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-49108	108 Inch Equivalent Drainage Pipe Elliptical (Class 9)	108 In Equiv Drain Pipe E (CL 9)	LF
624-49109	108 Inch Equivalent Drainage Pipe Elliptical (Class 9) (Complete In Place)	108 In Equiv Drain Pipe E (CL 9) (CIP)	LF
624-50018	18 Inch Equivalent Drainage Pipe Elliptical (Class 10)	18 In Equiv Drain E (CL 10)	LF
624-50019	18 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	18 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50021	21 Inch Equivalent Drainage Pipe Elliptical (Class 10)	21 In Equiv Drain Pipe E (CL 10)	LF
624-50022	21 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	21 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50024	24 Inch Equivalent Drainage Pipe Elliptical (Class 10)	24 In Equiv Drain Pipe E (CL 10)	LF
624-50025	24 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	24 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50027	27 Inch Equivalent Drainage Pipe Elliptical (Class 10)	27 In Equiv Drain Pipe E (CL 10)	LF
624-50028	27 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	27 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50030	30 Inch Equivalent Drainage Pipe Elliptical (Class 10)	30 In Equiv Drain Pipe E (CL 10)	LF
624-50031	30 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	30 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50036	36 Inch Equivalent Drainage Pipe Elliptical (Class 10)	36 In Equiv Drain Pipe E (CL 10)	LF
624-50037	36 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	36 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50042	42 Inch Equivalent Drainage Pipe Elliptical (Class 10)	42 In Equiv Drain Pipe E (CL 10)	LF
624-50043	42 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	42 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50048	48 Inch Equivalent Drainage Pipe Elliptical (Class 10)	48 In Equiv Drain Pipe E (CL 10)	LF
624-50049	48 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	48 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50054	54 Inch Equivalent Drainage Pipe Elliptical (Class 10)	54 In Equiv Drain Pipe E (CL 10)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-50055	54 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	54 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50060	60 Inch Equivalent Drainage Pipe Elliptical (Class 10)	60 In Equiv Drain Pipe E (CL 10)	LF
624-50061	60 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	60 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50066	66 Inch Equivalent Drainage Pipe Elliptical (Class 10)	66 In Equiv Drain Pipe E (CL 10)	LF
624-50072	72 Inch Equivalent Drainage Pipe Elliptical (Class 10)	72 In Equiv Drain Pipe E (CL 10)	LF
624-50073	72 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	72 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50078	78 Inch Equivalent Drainage Pipe Elliptical (Class 10)	78 In Equiv Drain Pipe E (CL 10)	LF
624-50079	78 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	78 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50084	84 Inch Equivalent Drainage Pipe Elliptical (Class 10)	84 In Equiv Drain Pipe E (CL 10)	LF
624-50085	84 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	84 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50090	90 Inch Equivalent Drainage Pipe Elliptical (Class 10)	90 In Equiv Drain Pipe E (CL 10)	LF
624-50091	90 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	90 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50096	96 Inch Equivalent Drainage Pipe Elliptical (Class 10)	96 In Equiv Drain Pipe E (CL 10)	LF
624-50097	96 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	96 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50102	102 Inch Equivalent Drainage Pipe Elliptical (Class 10)	102 In Equiv Drain Pipe E (CL 10)	LF
624-50103	102 Inch Equivalent Drainage Pipe Elliptical (Class 10) (Complete In Place)	102 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-50108	108 Inch Equivalent Drainage Pipe Elliptical (Class 10)	108 In Equiv Drain Pipe E (CL 10)	LF
624-50109	108 Inch Equivalent Drain Pipe Elliptical (Class 10) (Complete In Place)	108 In Equiv Drain Pipe E (CL 10) (CIP)	LF
624-60015	15 Inch Equivalent Drainage Pipe Arch (Class 0)	15 In Equiv Drain Pipe A (CL 0)	LF
624-60016	15 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	15 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60018	18 Inch Equivalent Drainage Pipe Arch (Class 0)	18 In Equiv Drain Pipe A (CL 0)	LF
624-60019	18 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	18 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60021	21 Inch Equivalent Drainage Pipe Arch (Class 0)	21 In Equiv Drain Pipe A (CL 0)	LF
624-60022	21 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	21 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60024	24 Inch Equivalent Drainage Pipe Arch (Class 0)	24 In Equiv Drain Pipe A (CL 0)	LF
624-60025	24 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	24 In Equiv Drain Pipe A (CL 0) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-60030	30 Inch Equivalent Drainage Pipe Arch (Class 0)	30 In Equiv Drain Pipe A (CL 0)	LF
624-60031	30 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	30 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60036	36 Inch Equivalent Drainage Pipe Arch (Class 0)	36 In Equiv Drain Pipe A (CL 0)	LF
624-60037	36 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	36 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60042	42 Inch Equivalent Drainage Pipe Arch (Class 0)	42 In Equiv Drain Pipe A (CL 0)	LF
624-60043	42 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	42 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60048	48 Inch Equivalent Drainage Pipe Arch (Class 0)	48 In Equiv Drain Pipe A (CL 0)	LF
624-60049	48 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	48 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60054	54 Inch Equivalent Drainage Pipe Arch (Class 0)	54 In Equiv Drain Pipe A (CL 0)	LF
624-60055	54 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	54 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60060	60 Inch Equivalent Drainage Pipe Arch (Class 0)	60 In Equiv Drain Pipe A (CL 0)	LF
624-60061	60 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	60 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60066	66 Inch Equivalent Drainage Pipe Arch (Class 0)	66 In Equiv Drain Pipe A (CL 0)	LF
624-60067	66 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	66 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60072	72 Inch Equivalent Drainage Pipe Arch (Class 0)	72 In Equiv Drain Pipe A (CL 0)	LF
624-60073	72 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	72 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60078	78 Inch Equivalent Drainage Pipe Arch (Class 0)	78 In Equiv Drain Pipe A (CL 0)	LF
624-60079	78 Inch Equivalent Drainage Pipe Arch (Class 0) (Complete In Place)	78 In Equiv Drain Pipe A (CL 0) (CIP)	LF
624-60084	84 Inch Equivalent Drainage Pipe Arch (Class 0)	84 In Equiv Drain Pipe A (CL 0)	LF
624-60090	90 Inch Equivalent Drainage Pipe Arch (Class 0)	90 In Equiv Drain Pipe A (CL 0)	LF
624-60096	96 Inch Equivalent Drainage Pipe Arch (Class 0)	96 In Equiv Drain Pipe A (CL 0)	LF
624-60102	102 Inch Equivalent Drainage Pipe Arch (Class 0)	102 In Equiv Drain Pipe A (CL 0)	LF
624-60108	108 Inch Equivalent Drainage Pipe Arch (Class 0)	108 In Equiv Drain Pipe A (CL 0)	LF
624-60114	114 Inch Equivalent Drainage Pipe Arch (Class 0)	114 In Equiv Drain Pipe A (CL 0)	LF
624-60120	120 Inch Equivalent Drainage Pipe Arch (Class 0)	120 In Equiv Drain Pipe A (CL 0)	LF
624-61015	15 Inch Equivalent Drainage Pipe Arch (Class 1)	15 In Equiv Drain Pipe A (CL 1)	LF
624-61016	15 Inch Equivalent Drainage Pipe Arch (Class 1) (Complete In Place)	15 In Equiv Drain Pipe A (CL 1) (CIP)	LF
624-61018	18 Inch Equivalent Drainage Pipe Arch (Class 1)	18 In Equiv Drain Pipe A (CL 1)	LF
624-61019	18 Inch Equivalent Drainage Pipe Arch (Class 1)	18 In Equiv Drain Pipe A (CL 1) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
	(Complete In Place)		
624-61021	21 Inch Equivalent Drainage Pipe Arch (Class 1)	21 Inch Equiv Drain Pipe A (CL 1)	LF
624-61022	21 Inch Equivalent Drainage Pipe Arch (Class 1) (Complete In Place)	21 In Equiv Drain Pipe A (CL 1) (CIP)	LF
624-61024	24 Inch Equivalent Drainage Pipe Arch (Class 1)	24 In Equiv Drain Pipe A (CL 1)	LF
624-61025	24 Inch Equivalent Drainage Pipe Arch (Class 1) (Complete In Place)	24 In Equiv Drain Pipe A (CL 1) (CIP)	LF
624-61030	30 Inch Equivalent Drainage Pipe Arch (Class 1)	30 In Equiv Drain Pipe A (CL 1)	LF
624-61036	36 Inch Equivalent Drainage Pipe Arch (Class 1)	36 In Equiv Drain Pipe A (CL 1)	LF
624-61042	42 Inch Equivalent Drainage Pipe Arch (Class 1)	42 In Equiv Drain Pipe A (CL 1)	LF
624-61048	48 Inch Equivalent Drainage Pipe Arch (Class 1)	48 In Equiv Drain Pipe A (CL 1)	LF
624-61054	54 Inch Equivalent Drainage Pipe Arch (Class 1)	54 In Equiv Drain Pipe A (CL 1)	LF
624-61060	60 Inch Equivalent Drainage Pipe Arch (Class 1)	60 In Equiv Drain Pipe A (CL 1)	LF
624-61066	66 Inch Equivalent Drainage Pipe Arch (Class 1)	66 In Equiv Drain Pipe A (CL 1)	LF
624-61072	72 Inch Equivalent Drainage Pipe Arch (Class 1)	72 In Equiv Drain Pipe A (CL 1)	LF
624-61078	78 Inch Equivalent Drainage Pipe Arch (Class 1)	78 In Equiv Drain Pipe A (CL 1)	LF
624-61084	84 Inch Equivalent Drainage Pipe Arch (Class 1)	84 In Equiv Drain Pipe A (CL 1)	LF
624-61090	90 Inch Equivalent Drainage Pipe Arch (Class 1)	90 In Equiv Drain Pipe A (CL 1)	LF
624-61096	96 Inch Equivalent Drainage Pipe Arch (Class 1)	96 In Equiv Drain Pipe A (CL 1)	LF
624-61102	102 Inch Equivalent Drainage Pipe Arch (Class 1)	102 In Equiv Drain Pipe A (CL 1)	LF
624-61108	108 Inch Equivalent Drainage Pipe Arch (Class 1)	108 In Equiv Drain Pipe A (CL 1)	LF
624-61114	114 Inch Equivalent Drainage Pipe Arch (Class 1)	114 In Equiv Drain Pipe A (CL 1)	LF
624-61120	120 Inch Equivalent Drainage Pipe Arch (Class 1)	120 In Equiv Drain Pipe A (CL 1)	LF
624-62015	15 Inch Equivalent Drainage Pipe Arch (Class 2)	15 In Equiv Drain Pipe A (CL 2)	LF
624-62016	15 Inch Equivalent Drainage Pipe Arch (Class 2) (Complete In Place)	15 In Equiv Drain Pipe A (CL 2) (CIP)	LF
624-62018	18 Inch Equivalent Drainage Pipe Arch (Class 2)	18 In Equiv Drain Pipe A (CL 2)	LF
624-62019	18 Inch Equivalent Drainage Pipe Arch (Class 2) (Complete In Place)	18 In Equiv Drain Pipe A (CL 2) (CIP)	LF
624-62021	21 Inch Equivalent Drainage Pipe Arch (Class 2)	21 In Equiv Drain Pipe A (CL 2)	LF
624-62022	21 Inch Equivalent Drainage Pipe Arch (Class 2) (Complete In Place)	21 In Equiv Drain Pipe A (CL 2) (CIP)	LF
624-62024	24 Inch Equivalent Drainage Pipe Arch (Class 2)	24 In Equiv Drain Pipe A (CL 2)	LF
624-62025	24 Inch Equivalent Drainage Pipe Arch (Class 2) (Complete In Place)	24 In Equiv Drain Pipe A (CL 2) (CIP)	LF
624-62030	30 Inch Equivalent Drainage Pipe Arch (Class 2)	30 In Equiv Drain Pipe A (CL 2)	LF
624-62036	36 Inch Equivalent Drainage Pipe Arch (Class 2)	36 In Equiv Drain Pipe A (CL 2)	LF
624-62042	42 Inch Equivalent Drainage Pipe Arch (Class 2)	42 In Equiv Drain Pipe A (CL 2)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-62048	48 Inch Equivalent Drainage Pipe Arch (Class 2)	48 In Equiv Drain Pipe A (CL 2)	LF
624-62054	54 Inch Equivalent Drainage Pipe Arch (Class 2)	54 In Equiv Drain Pipe A (CL 2)	LF
624-62060	60 Inch Equivalent Drainage Pipe Arch (Class 2)	60 In Equiv Drain Pipe A (CL 2)	LF
624-62066	66 Inch Equivalent Drainage Pipe Arch (Class 2)	66 In Equiv Drain Pipe A (CL 2)	LF
624-62072	72 Inch Equivalent Drainage Pipe Arch (Class 2)	72 In Equiv Drain Pipe A (CL 2)	LF
624-62078	78 Inch Equivalent Drainage Pipe Arch (Class 2)	78 In Equiv Drain Pipe A (CL 2)	LF
624-62084	84 Inch Equivalent Drainage Pipe Arch (Class 2)	84 In Equiv Drain Pipe A (CL 2)	LF
624-62090	90 Inch Equivalent Drainage Pipe Arch (Class 2)	90 In Equiv Drain Pipe A (CL 2)	LF
624-62096	96 Inch Equivalent Drainage Pipe Arch (Class 2)	96 In Equiv Drain Pipe A (CL 2)	LF
624-62102	102 Inch Equivalent Drainage Pipe Arch (Class 2)	102 In Equiv Drain Pipe A (CL 2)	LF
624-62108	108 Inch Equivalent Drainage Pipe Arch (Class 2)	108 In Equiv Drain Pipe A (CL 2)	LF
624-62114	114 Inch Equivalent Drainage Pipe Arch (Class 2)	114 In Equiv Drain Pipe A (CL 2)	LF
624-62120	120 Inch Equivalent Drainage Pipe Arch (Class 2)	120 In Equiv Drain Pipe A (CL 2)	LF
624-63015	15 Inch Equivalent Drainage Pipe Arch (Class 3)	15 In Equiv Drain Pipe A (CL 3)	LF
624-63016	15 Inch Equivalent Drainage Pipe Arch (Class 3) (Complete In Place)	15 In Equiv Drain Pipe A (CL 3) (CIP)	LF
624-63018	18 Inch Equivalent Drainage Pipe Arch (Class 3)	18 In Equiv Drain Pipe A (CL 3)	LF
624-63019	18 Inch Equivalent Drainage Pipe Arch (Class 3) (Complete In Place)	18 In Equiv Drain Pipe A (CL 3) (CIP)	LF
624-63021	21 Inch Equivalent Drainage Pipe Arch (Class 3)	21 In Equiv Drain Pipe A (CL 3)	LF
624-63022	21 Inch Equivalent Drainage Pipe Arch (Class 3) (Complete In Place)	21 In Equiv Drain Pipe A (CL 3) (CIP)	LF
624-63024	24 Inch Equivalent Drainage Pipe Arch (Class 3)	24 In Equiv Drain Pipe A (CL 3)	LF
624-63025	24 Inch Equivalent Drainage Pipe Arch (Class 3) (Complete In Place)	24 In Equiv Drain Pipe A (CL 3) (CIP)	LF
624-63030	30 Inch Equivalent Drainage Pipe Arch (Class 3)	30 In Equiv Drain Pipe A (CL 3)	LF
624-63036	36 Inch Equivalent Drainage Pipe Arch (Class 3)	36 In Equiv Drain Pipe A (CL 3)	LF
624-63042	42 Inch Equivalent Drainage Pipe Arch (Class 3)	42 In Equiv Drain Pipe A (CL 3)	LF
624-63048	48 Inch Equivalent Drainage Pipe Arch (Class 3)	48 In Equiv Drain Pipe A (CL 3)	LF
624-63054	54 Inch Equivalent Drainage Pipe Arch (Class 3)	54 In Equiv Drain Pipe A (CL 3)	LF
624-63060	60 Inch Equivalent Drainage Pipe Arch (Class 3)	60 In Equiv Drain Pipe A (CL 3)	LF
624-63066	66 Inch Equivalent Drainage Pipe Arch (Class 3)	66 In Equiv Drain Pipe A (CL 3)	LF
624-63072	72 Inch Equivalent Drainage Pipe Arch (Class 3)	72 In Equiv Drain Pipe A (CL 3)	LF
624-63078	78 Inch Equivalent Drainage Pipe Arch (Class 3)	78 In Equiv Drain Pipe A (CL 3)	LF
624-63084	84 Inch Equivalent Drainage Pipe Arch (Class 3)	84 In Equiv Drain Pipe A (CL 3)	LF
624-63090	90 Inch Equivalent Drainage Pipe Arch (Class 3)	90 In Equiv Drain Pipe A (CL 3)	LF
624-63096	96 Inch Equivalent Drainage Pipe Arch (Class 3)	96 In Equiv Drain Pipe A (CL 3)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-63102	102 Inch Equivalent Drainage Pipe Arch (Class 3)	102 In Equiv Drain Pipe A (CL 3)	LF
624-63108	108 Inch Equivalent Drainage Pipe Arch (Class 3)	108 In Equiv Drain Pipe A (CL 3)	LF
624-63114	114 Inch Equivalent Drainage Pipe Arch (Class 3)	114 In Equiv Drain Pipe A (CL 3)	LF
624-63120	120 Inch Equivalent Drainage Pipe Arch (Class 3)	120 In Equiv Drain Pipe A (CL 3)	LF
624-64015	15 Inch Equivalent Drainage Pipe Arch (Class 4)	15 In Equiv Drain Pipe A (CL 4)	LF
624-64016	15 Inch Equivalent Drainage Pipe Arch (Class 4) (Complete In Place)	15 In Equiv Drain Pipe A (CL 4) (CIP)	LF
624-64018	18 Inch Equivalent Drainage Pipe Arch (Class 4)	18 In Equiv Drain Pipe A (CL 4)	LF
624-64019	18 Inch Equivalent Drainage Pipe Arch (Class 4) (Complete In Place)	18 In Equiv Drain Pipe A (CL 4) (CIP)	LF
624-64021	21 Inch Equivalent Drainage Pipe Arch (Class 4)	21 In Equiv Drain Pipe A (CL 4)	LF
624-64022	21 Inch Equivalent Drainage Pipe Arch (Class 4) (Complete In Place)	21 In Equiv Drain Pipe A (CL 4) (CIP)	LF
624-64024	24 Inch Equivalent Drainage Pipe Arch (Class 4)	24 In Equiv Drain Pipe A (CL 4)	LF
624-64025	24 Inch Equivalent Drainage Pipe Arch (Class 4) (Complete In Place)	24 In Equiv Drain Pipe A (CL 4) (CIP)	LF
624-64030	30 Inch Equivalent Drainage Pipe Arch (Class 4)	30 In Equiv Drain Pipe A (CL 4)	LF
624-64036	36 Inch Equivalent Drainage Pipe Arch (Class 4)	36 In Equiv Drain Pipe A (CL 4)	LF
624-64042	42 Inch Equivalent Drainage Pipe Arch (Class 4)	42 In Equiv Drain Pipe A (CL 4)	LF
624-64048	48 Inch Equivalent Drainage Pipe Arch (Class 4)	48 In Equiv Drain Pipe A (CL 4)	LF
624-64054	54 Inch Equivalent Drainage Pipe Arch (Class 4)	54 In Equiv Drain Pipe A (CL 4)	LF
624-64060	60 Inch Equivalent Drainage Pipe Arch (Class 4)	60 In Equiv Drain Pipe A (CL 4)	LF
624-64066	66 Inch Equivalent Drainage Pipe Arch (Class 4)	66 In Equiv Drain Pipe A (CL 4)	LF
624-64072	72 Inch Equivalent Drainage Pipe Arch (Class 4)	72 In Equiv Drain Pipe A (CL 4)	LF
624-64078	78 Inch Equivalent Drainage Pipe Arch (Class 4)	78 In Equiv Drain Pipe A (CL 4)	LF
624-64084	84 Inch Equivalent Drainage Pipe Arch (Class 4)	84 In Equiv Drain Pipe A (CL 4)	LF
624-64090	90 Inch Equivalent Drainage Pipe Arch (Class 4)	90 In Equiv Drain Pipe A (CL 4)	LF
624-64096	96 Inch Equivalent Drainage Pipe Arch (Class 4)	96 In Equiv Drain Pipe A (CL 4)	LF
624-64102	102 Inch Equivalent Drainage Pipe Arch (Class 4)	102 In Equiv Drain Pipe A (CL 4)	LF
624-64108	108 Inch Equivalent Drainage Pipe Arch (Class 4)	108 In Equiv Drain Pipe A (CL 4)	LF
624-64114	114 Inch Equivalent Drainage Pipe Arch (Class 4)	114 In Equiv Drain Pipe A (CL 4)	LF
624-64120	120 Inch Equivalent Drainage Pipe Arch (Class 4)	120 In Equiv Drain Pipe A (CL 4)	LF
624-65015	15 Inch Equivalent Drainage Pipe Arch (Class 5)	15 In Equiv Drain Pipe A (CL 5)	LF
624-65016	15 Inch Equivalent Drainage Pipe Arch (Class 5) (Complete In Place)	15 In Equiv Drain Pipe A (CL 5) (CIP)	LF
624-65018	18 Inch Equivalent Drainage Pipe Arch (Class 5)	18 In Equiv Drain Pipe A (CL 5)	LF
624-65019	18 Inch Equivalent Drainage Pipe Arch (Class 5) (Complete In Place)	18 In Equiv Drain Pipe A (CL 5) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-65021	21 Inch Equivalent Drainage Pipe Arch (Class 5)	21 In Equiv Drain Pipe A (CL 5)	LF
624-65022	21 Inch Equivalent Drainage Pipe Arch (Class 5) (Complete In Place)	21 In Equiv Drain Pipe A (CL 5) (CIP)	LF
624-65024	24 Inch Equivalent Drainage Pipe Arch (Class 5)	24 In Equiv Drain Pipe A (CL 5)	LF
624-65025	24 Inch Equivalent Drainage Pipe Arch (Class 5) (Complete In Place)	24 In Equiv Drain Pipe A (CL 5) (CIP)	LF
624-65030	30 Inch Equivalent Drainage Pipe Arch (Class 5)	30 In Equiv Drain Pipe A (CL 5)	LF
624-65036	36 Inch Equivalent Drainage Pipe Arch (Class 5)	36 In Equiv Drain Pipe A (CL 5)	LF
624-65042	42 Inch Equivalent Drainage Pipe Arch (Class 5)	42 In Equiv Drain Pipe A (CL 5)	LF
624-65048	48 Inch Equivalent Drainage Pipe Arch (Class 5)	48 In Equiv Drain Pipe A (CL 5)	LF
624-65054	54 Inch Equivalent Drainage Pipe Arch (Class 5)	54 In Equiv Drain Pipe A (CL 5)	LF
624-65060	60 Inch Equivalent Drainage Pipe Arch (Class 5)	60 In Equiv Drain Pipe A (CL 5)	LF
624-65066	66 Inch Equivalent Drainage Pipe Arch (Class 5)	66 In Equiv Drain Pipe A (CL 5)	LF
624-65072	72 Inch Equivalent Drainage Pipe Arch (Class 5)	72 In Equiv Drain Pipe A (CL 5)	LF
624-65078	78 Inch Equivalent Drainage Pipe Arch (Class 5)	78 In Equiv Drain Pipe A (CL 5)	LF
624-65084	84 Inch Equivalent Drainage Pipe Arch (Class 5)	84 In Equiv Drain Pipe A (CL 5)	LF
624-65090	90 Inch Equivalent Drainage Pipe Arch (Class 5)	90 In Equiv Drain Pipe A (CL 5)	LF
624-65096	96 Inch Equivalent Drainage Pipe Arch (Class 5)	96 In Equiv Drain Pipe A (CL 5)	LF
624-65102	102 Inch Equivalent Drainage Pipe Arch (Class 5)	102 In Equiv Drain Pipe A (CL 5)	LF
624-65108	108 Inch Equivalent Drainage Pipe Arch (Class 5)	108 In Equiv Drain Pipe A (CL 5)	LF
624-65114	114 Inch Equivalent Drainage Pipe Arch (Class 5)	114 In Equiv Drain Pipe A (CL 5)	LF
624-65120	120 Inch Equivalent Drainage Pipe Arch (Class 5)	120 In Equiv Drain Pipe A (CL 5)	LF
624-66015	15 Inch Equivalent Drainage Pipe Arch (Class 6)	15 In Equiv Drain Pipe A (CL 6)	LF
624-66016	15 Inch Equivalent Drainage Pipe Arch (Class 6) (Complete In Place)	15 In Equiv Drain Pipe A (CL 6) (CIP)	LF
624-66018	18 Inch Equivalent Drainage Pipe Arch (Class 6)	18 In Equiv Drain Pipe A (CL 6)	LF
624-66019	18 Inch Equivalent Drainage Pipe Arch (Class 6) (Complete In Place)	18 In Equiv Drain Pipe A (CL 6) (CIP)	LF
624-66021	21 Inch Equivalent Drainage Pipe Arch (Class 6)	21 In Equiv Drain Pipe A (CL 6)	LF
624-66022	21 Inch Equivalent Drainage Pipe Arch (Class 6) (Complete In Place)	21 In Equiv Drain Pipe A (CL 6) (CIP)	LF
624-66024	24 Inch Equivalent Drainage Pipe Arch (Class 6)	24 In Equiv Drain Pipe A (CL 6)	LF
624-66025	24 Inch Equivalent Drainage Pipe Arch (Class 6) (Complete In Place)	24 In Equiv Drain Pipe A (CL 6) (CIP)	LF
624-66030	30 Inch Equivalent Drainage Pipe Arch (Class 6)	30 In Equiv Drain Pipe A (CL 6)	LF
624-66036	36 Inch Equivalent Drainage Pipe Arch (Class 6)	36 In Equiv Drain Pipe A (CL 6)	LF
624-66042	42 Inch Equivalent Drainage Pipe Arch (Class 6)	42 In Equiv Drain Pipe A (CL 6)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-66048	48 Inch Equivalent Drainage Pipe Arch (Class 6)	48 In Equiv Drain Pipe A (CL 6)	LF
624-66054	54 Inch Equivalent Drainage Pipe Arch (Class 6)	54 In Equiv Drain Pipe A (CL 6)	LF
624-66060	60 Inch Equivalent Drainage Pipe Arch (Class 6)	60 In Equiv Drain Pipe A (CL 6)	LF
624-66066	66 Inch Equivalent Drainage Pipe Arch (Class 6)	66 In Equiv Drain Pipe A (CL 6)	LF
624-66072	72 Inch Equivalent Drainage Pipe Arch (Class 6)	72 In Equiv Drain Pipe A (CL 6)	LF
624-66078	78 Inch Equivalent Drainage Pipe Arch (Class 6)	78 In Equiv Drain Pipe A (CL 6)	LF
624-66084	84 Inch Equivalent Drainage Pipe Arch (Class 6)	84 In Equiv Drain Pipe A (CL 6)	LF
624-66090	90 Inch Equivalent Drainage Pipe Arch (Class 6)	90 In Equiv Drain Pipe A (CL 6)	LF
624-66096	96 Inch Equivalent Drainage Pipe Arch (Class 6)	96 In Equiv Drain Pipe A (CL 6)	LF
624-66102	102 Inch Equivalent Drainage Pipe Arch (Class 6)	102 In Equiv Drain Pipe A (CL 6)	LF
624-66108	108 Inch Equivalent Drainage Pipe Arch (Class 6)	108 In Equiv Drain Pipe A (CL 6)	LF
624-66114	114 Inch Equivalent Drainage Pipe Arch (Class 6)	114 In Equiv Drain Pipe A (CL 6)	LF
624-66120	120 Inch Equivalent Drainage Pipe Arch (Class 6)	120 In Equiv Drain Pipe (CL 6)	LF
624-67015	15 Inch Equivalent Drainage Pipe Arch (Class 7)	15 In Equiv Drain Pipe A (CL 7)	LF
624-67016	15 Inch Equivalent Drainage Pipe Arch (Class 7) (Complete In Place)	15 In Equiv Drain Pipe A (CL 7) (CIP)	LF
624-67018	18 Inch Equivalent Drainage Pipe Arch (Class 7)	18 In Equiv Drain Pipe A (CL 7)	LF
624-67019	18 Inch Equivalent Drainage Pipe Arch (Class 7) (Complete In Place)	18 In Equiv Drain Pipe A (CL 7) (CIP)	LF
624-67021	21 Inch Equivalent Drainage Pipe Arch (Class 7)	21 In Equiv Drain Pipe A (CL 7)	LF
624-67022	21 Inch Equivalent Drainage Pipe Arch (Class 7) (Complete In Place)	21 In Equiv Drain Pipe A (CL 7) (CIP)	LF
624-67024	24 Inch Equivalent Drainage Pipe Arch (Class 7)	24 In Equiv Drain Pipe A (CL 7)	LF
624-67025	24 Inch Equivalent Drainage Pipe Arch (Class 7) (Complete In Place)	24 In Equiv Drain Pipe A (CL 7) (CIP)	LF
624-67030	30 Inch Equivalent Drainage Pipe Arch (Class 7)	30 In Equiv Drain Pipe A (CL 7)	LF
624-67036	36 Inch Equivalent Drainage Pipe Arch (Class 7)	36 In Equiv Drain Pipe A (CL 7)	LF
624-67042	42 Inch Equivalent Drainage Pipe Arch (Class 7)	42 In Equiv Drain Pipe A (CL 7)	LF
624-67048	48 Inch Equivalent Drainage Pipe Arch (Class 7)	48 In Equiv Drain Pipe A (CL 7)	LF
624-67054	54 Inch Equivalent Drainage Pipe Arch (Class 7)	54 In Equiv Drain Pipe A (CL 7)	LF
624-67060	60 Inch Equivalent Drainage Pipe Arch (Class 7)	60 In Equiv Drain Pipe A (CL 7)	LF
624-67066	66 Inch Equivalent Drainage Pipe Arch (Class 7)	66 In Equiv Drain Pipe A (CL 7)	LF
624-67072	72 Inch Equivalent Drainage Pipe Arch (Class 7)	72 In Equiv Drain Pipe A (CL 7)	LF
624-67078	78 Inch Equivalent Drainage Pipe Arch (Class 7)	78 In Equiv Drain Pipe A (CL 7)	LF
624-67084	84 Inch Equivalent Drainage Pipe Arch (Class 7)	84 In Equiv Drain Pipe A (CL 7)	LF
624-67090	90 Inch Equivalent Drainage Pipe Arch (Class 7)	90 In Equiv Drain Pipe A (CL 7)	LF
624-67096	96 Inch Equivalent Drainage Pipe Arch (Class 7)	96 In Equiv Drain Pipe A (CL 7)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-67102	102 Inch Equivalent Drainage Pipe Arch (Class 7)	102 In Equiv Drain Pipe A (CL 7)	LF
624-67108	108 Inch Equivalent Drainage Pipe Arch (Class 7)	108 In Equiv Drain Pipe A (CL 7)	LF
624-67114	114 Inch Equivalent Drainage Pipe Arch (Class 7)	114 In Equiv Drain Pipe A (CL 7)	LF
624-67120	120 Inch Equivalent Drainage Pipe Arch (Class 7)	120 In Equiv Drain Pipe A (CL 7)	LF
624-68015	15 Inch Equivalent Drainage Pipe Arch (Class 8)	15 In Equiv Drain Pipe A (CL 8)	LF
624-68016	15 Inch Equivalent Drainage Pipe Arch (Class 8) (Complete In Place)	15 In Equiv Drain Pipe A (CL 8) (CIP)	LF
624-68018	18 Inch Equivalent Drainage Pipe Arch (Class 8)	18 In Equiv Drain Pipe A (CL 8)	LF
624-68019	18 Inch Equivalent Drainage Pipe Arch (Class 8) (Complete In Place)	18 In Equiv Drain Pipe A (CL 8) (CIP)	LF
624-68021	21 Inch Equivalent Drainage Pipe Arch (Class 8)	21 In Equiv Drain Pipe A (CL 8)	LF
624-68022	21 Inch Equivalent Drainage Pipe Arch (Class 8) (Complete In Place)	21 In Equiv Drain Pipe A (CL 8) (CIP)	LF
624-68024	24 Inch Equivalent Drainage Pipe Arch (Class 8)	24 In Equiv Drain Pipe A (CL 8)	LF
624-68025	24 Inch Equivalent Drainage Pipe Arch (Class 8) (Complete In Place)	24 In Equiv Drain Pipe A (CL 8) (CIP)	LF
624-68030	30 Inch Equivalent Drainage Pipe Arch (Class 8)	30 In Equiv Drain Pipe A (CL 8)	LF
624-68036	36 Inch Equivalent Drainage Pipe Arch (Class 8)	36 In Equiv Drain Pipe A (CL 8)	LF
624-68042	42 Inch Equivalent Drainage Pipe Arch (Class 8)	42 In Equiv Drain Pipe A (CL 8)	LF
624-68048	48 Inch Equivalent Drainage Pipe Arch (Class 8)	48 In Equiv Drain Pipe A (CL 8)	LF
624-68054	54 Inch Equivalent Drainage Pipe Arch (Class 8)	54 In Equiv Drain Pipe A (CL 8)	LF
624-68060	60 Inch Equivalent Drainage Pipe Arch (Class 8)	60 In Equiv Drain Pipe A (CL 8)	LF
624-68066	66 Inch Equivalent Drainage Pipe Arch (Class 8)	66 In Equiv Drain Pipe A (CL 8)	LF
624-68072	72 Inch Equivalent Drainage Pipe Arch (Class 8)	72 In Equiv Drain Pipe A (CL 8)	LF
624-68078	78 Inch Equivalent Drainage Pipe Arch (Class 8)	78 In Equiv Drain Pipe A (CL 8)	LF
624-68084	84 Inch Equivalent Drainage Pipe Arch (Class 8)	84 In Equiv Drain Pipe A (CL 8)	LF
624-68090	90 Inch Equivalent Drainage Pipe Arch (Class 8)	90 In Equiv Drain Pipe A (CL 8)	LF
624-68096	96 Inch Equivalent Drainage Pipe Arch (Class 8)	96 In Equiv Drain Pipe A (CL 8)	LF
624-68102	102 Inch Equivalent Drainage Pipe Arch (Class 8)	102 In Equiv Drain Pipe A (CL 8)	LF
624-68108	108 Inch Equivalent Drainage Pipe Arch (Class 8)	108 In Equiv Drain Pipe A (CL 8)	LF
624-68114	114 Inch Equivalent Drainage Pipe Arch (Class 8)	114 In Equiv Drain Pipe A (CL 8)	LF
624-68120	120 Inch Equivalent Drainage Pipe Arch (Class 8)	120 In Equiv Drain Pipe A (CL 8)	LF
624-69015	15 Inch Equivalent Drainage Pipe Arch (Class 9)	15 In Equiv Drain Pipe A (CL 9)	LF
624-69016	15 Inch Equivalent Drainage Pipe Arch (Class 9) (Complete In Place)	15 In Equiv Drain Pipe A (CL 9) (CIP)	LF
624-69018	18 Inch Equivalent Drainage Pipe Arch (Class 9)	18 In Equiv Drain Pipe A (CL 9)	LF
624-69019	18 Inch Equivalent Drainage Pipe Arch (Class 9) (Complete In Place)	18 In Equiv Drain Pipe A (CL 9) (CIP)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-69021	21 Inch Equivalent Drainage Pipe Arch (Class 9)	21 In Equiv Drain Pipe A (CL 9)	LF
624-69022	21 Inch Equivalent Drainage Pipe Arch (Class 9) (Complete In Place)	21 In Equiv Drain Pipe A (CL 9) (CIP)	LF
624-69024	24 Inch Equivalent Drainage Pipe Arch (Class 9)	24 In Equiv Drain Pipe A (CL 9)	LF
624-69025	24 Inch Equivalent Drainage Pipe Arch (Class 9) (Complete In Place)	24 In Equiv Drain Pipe A (CL 9) (CIP)	LF
624-69030	30 Inch Equivalent Drainage Pipe Arch (Class 9)	30 In Equiv Drain Pipe A (CL 9)	LF
624-69036	36 Inch Equivalent Drainage Pipe Arch (Class 9)	36 In Equiv Drain Pipe A (CL 9)	LF
624-69042	42 Inch Equivalent Drainage Pipe Arch (Class 9)	42 In Equiv Drain Pipe A (CL 9)	LF
624-69048	48 Inch Equivalent Drainage Pipe Arch (Class 9)	48 In Equiv Drain Pipe A (CL 9)	LF
624-69054	54 Inch Equivalent Drainage Pipe Arch (Class 9)	54 In Equiv Drain Pipe A (CL 9)	LF
624-69060	60 Inch Equivalent Drainage Pipe Arch (Class 9)	60 In Equiv Drain Pipe A (CL 9)	LF
624-69066	66 Inch Equivalent Drainage Pipe Arch (Class 9)	66 In Equiv Drain Pipe A (CL 9)	LF
624-69072	72 Inch Equivalent Drainage Pipe Arch (Class 9)	72 In Equiv Drain Pipe A (CL 9)	LF
624-69078	78 Inch Equivalent Drainage Pipe Arch (Class 9)	78 In Equiv Drain Pipe A (CL 9)	LF
624-69084	84 Inch Equivalent Drainage Pipe Arch (Class 9)	84 In Equiv Drain Pipe A (CL 9)	LF
624-69096	96 Inch Equivalent Drainage Pipe Arch (Class 9)	96 In Equiv Drain Pipe A (CL 9)	LF
624-69102	102 Inch Equivalent Drainage Pipe Arch (Class 9)	102 In Equiv Drain Pipe A (CL 9)	LF
624-69108	108 Inch Equivalent Drainage Pipe Arch (Class 9)	108 In Equiv Drain Pipe A (CL 9)	LF
624-69114	114 Inch Equivalent Drainage Pipe Arch (Class 9)	114 In Equiv Drain Pipe A (CL 9)	LF
624-69120	120 Inch Equivalent Drainage Pipe Arch (Class 9)	120 In Equiv Drain Pipe A (CL 9)	LF
624-70015	15 Inch Equivalent Drainage Pipe Arch (Class 10)	15 In Equiv Drain Pipe A (CL 10)	LF
624-70016	15 Inch Equivalent Drainage Pipe Arch (Class 10) (Complete In Place)	15 In Equiv Drain Pipe A (CL 10) (CIP)	LF
624-70018	18 Inch Equivalent Drainage Pipe Arch (Class 10)	18 In Equiv Drain Pipe A (CL 10)	LF
624-70019	18 Inch Equivalent Drainage Pipe Arch (Class 10) (Complete In Place)	18 In Equiv Drain Pipe A (CL 10) (CIP)	LF
624-70021	21 Inch Equivalent Drainage Pipe Arch (Class 10)	21 In Equiv Drain Pipe A (CL 10)	LF
624-70022	21 Inch Equivalent Drainage Pipe Arch (Class 10) (Complete In Place)	21 In Equiv Drain Pipe A (CL 10) (CIP)	LF
624-70024	24 Inch Equivalent Drainage Pipe Arch (Class 10)	24 In Equiv Drain Pipe A (CL 10)	LF
624-70025	24 Inch Equivalent Drainage Pipe Arch (Class 10) (Complete In Place)	24 In Equiv Drain Pipe A (CL 10) (CIP)	LF
624-70030	30 Inch Equivalent Drainage Pipe Arch (Class 10)	30 In Equiv Drain Pipe A (CL 10)	LF
624-70036	36 Inch Equivalent Drainage Pipe Arch (Class 10)	36 In Equiv Drain Pipe A (CL 10)	LF
624-70042	42 Inch Equivalent Drainage Pipe Arch (Class 10)	42 In Equiv Drain Pipe A (CL 10)	LF
624-70048	48 Inch Equivalent Drainage Pipe Arch (Class 10)	48 In Equiv Drain Pipe A (CL 10)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
624-70054	54 Inch Equivalent Drainage Pipe Arch (Class 10)	54 In Equiv Drain Pipe A (CL 10)	LF
624-70060	60 Inch Equivalent Drainage Pipe Arch (Class 10)	60 In Equiv Drain Pipe A (CL 10)	LF
624-70066	66 Inch Equivalent Drainage Pipe Arch (Class 10)	66 In Equiv Drain Pipe A (CL 10)	LF
624-70072	72 Inch Equivalent Drainage Pipe Arch (Class 10)	72 In Equiv Drain Pipe A (CL 10)	LF
624-70078	78 Inch Equivalent Drainage Pipe Arch (Class 10)	78 In Equiv Drain Pipe A (CL 10)	LF
624-70084	84 Inch Equivalent Drainage Pipe Arch (Class 10)	84 In Equiv Drain Pipe A (CL 10)	LF
624-70090	90 Inch Equivalent Drainage Pipe Arch (Class 10)	90 In Equiv Drain Pipe A (CL 10)	LF
624-70096	96 Inch Equivalent Drainage Pipe Arch (Class 10)	96 In Equiv Drain Pipe A (CL 10)	LF
624-70102	102 Inch Equivalent Drainage Pipe Arch (Class 10)	102 In Equiv Drain Pipe A (CL 10)	LF
624-70108	108 Inch Equivalent Drainage Pipe Arch (Class 10)	108 In Equiv Drain Pipe A (CL 10)	LF
624-70114	114 Inch Equivalent Drainage Pipe Arch (Class 10)	114 In Equiv Drain Pipe A (CL 10)	LF
624-70120	120 Inch Equivalent Drainage Pipe Arch (Class 10)	120 In Equiv Drain Pipe A (CL 10)	LF
624-80020	20 Inch Drainage Pipe Centrifugally Cast Fiberglass Reinforced Polymer Mortar Pipe	20 In Drain Pipe (CCFRPM)	LF
624-80024	24 Inch Drainage Pipe Centrifugally Cast Fiberglass Reinforced Polymer Mortar Pipe	24 In Drain Pipe (CCFRPM)	LF
625-00000	Construction Surveying	Const Surveying	L S
625-00001	Construction Surveying (Hourly)	Const Surveying (Hour)	HOUR
625-00002	Construction Survey (Tunnel)	Const Survey (Tunnel)	L S
625-00015	Settlement Instrumentation	Settlement Instrument	L S
625-00100	Ground Penetrating Radar Survey	Ground Penetrating Radar Survey	SF
625-00200	Vibration Monitoring (Tunnel)	Vib Monitor (Tunnel)	L S
626-00000	Mobilization	Mobilization	L S
626-00005	Mobilization	Mobilization	DAY
626-00007	Mobilization	Mobilization	EACH
626-00010	Erection Equipment	Erection Equip	L S
626-00015	Pre-Cast Segment Production	Pre-Cast Segment Prod.	L S
626-00020	Emergency Response Plan	Emergency Response Plan	L S
626-00100	Mobilization (without Autopay)	Mobilization (w/o Autopay)	L S
626-00200	Mobilization (Tunnel)(Without Autopay)	Mobilization (Tun)(w/o Autopay)	L S
626-00307	Mobilization	Mobilization	EACH
626-01101	Public Information Services (Tier I) GAP PROJECT ONLY	Public Info Services (Tier I) GAP ONLY	L S
626-01111	Public Information Management (Tier I)	Public Info Manage (Tier I)	DAY
626-01112	Public Information Management (Tier II)	Public Info Manage (Tier II)	DAY
626-01113	Public Information Management (Tier III)	Public Info Manage (Tier III)	DAY
626-01114	Public Information Management (Tier IV)	Public Info Manage (Tier IV)	DAY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
627-00001	Pavement Marking Paint	Pvmt Mkg Paint	GAL
627-00002	Thermoplastic Pavement Marking	Thermoplastic Pvmt Mkg	SF
627-00003	Thermoplastic Pavement Marking (Inlaid)	Thermoplastic Pvmt Mkg (Inlaid)	SF
627-00004	Epoxy Pavement Marking	Epoxy Pvmt Mkg	SF
627-00005	Epoxy Pavement Marking	Epoxy Pvmt Mkg	GAL
627-00006	Modified Epoxy Pavement Marking (On-Call)	Mod Epoxy Pvmt Mkg (On-Call)	GAL
627-00007	Epoxy Pavement Marking (Special)	Epoxy Pvmt Mkg (Spec)	GAL
627-00008	Modified Epoxy Pavement Marking	Mod Epoxy Pvmt Mkg	GAL
627-00009	Modified Epoxy Pavement Marking(Inlaid)	Mod Epoxy (Inlaid)	GAL
627-00011	Pavement Marking Paint (Waterborne)	Pvmt Mkg Paint (Waterborne)	GAL
627-00012	Pavement Marking Paint (Low VOC Solvent Base)	Pvmt Mkg Paint (Low VOC Solvent Base)	GAL
627-00013	Pavement Marking Paint (High Build)	Pvmt Mkg Paint (High Build)	GAL
627-00014	Pavement Marking Paint (Low Temperature)	Pvmt Mkg Paint (Low Temp)	GAL
627-00015	Pavement Marking Paint (Airport)	Pvmt Mkg Paint (Airport)	SF
627-00017	Pavement Marking Paint (Light Application) (Airport)	Pvmt Mkg Paint (Light Apply) (Airport)	SF
627-00018	Polyurea Pavement Marking	Polyurea Pvmt Mkg	GAL
627-00019	Pavement Marking Paint (High Build)(Inlaid)	Pvmt Mkg Paint (High Build)(Inlaid)	GAL
627-00020	4 Inch Pavement Marking Tape	4 In Pvmt Mkg Tape	LF
627-00025	4 Inch Pavement Marking Tape (Removable)	4 In Pvmt Mkg Tape (Rem)	LF
627-00026	8 In Pavement Marking Tape (Removable)	8 In Pvmt Mkg Tape (Rem)	LF
627-00027	12 Inch Pavement Marking Tape	12 In Pvmt Mkg Tape	LF
627-00029	24 Inch Pavement Marking Tape (Removable)	24 In Pvmt Mkg Tape (Rem)	LF
627-00030	Raised Pavement Marker (Temporary)	Raised Pvmt Marker (Temp)	EACH
627-00031	Raised Pavement Marker	Raised Pvmt Marker	EACH
627-00032	Raised Flexible Pavement Marker (Temporary)	Raised Flex Pvmt Marker (Temp)	EACH
627-00060	Preformed Plastic Pavement Marking (60 Mils)	Plastic Pvmt Mkg (60 Mils)	SF
627-00070	Preformed Thermoplastic Pavement Marking	Preform Thermoplastic Pvmt Mkg	SF
627-00080	Polyurea Pavement Marking (Inlaid)	Polyurea Pvmt Mkg (IL)	GAL
627-00090	Pavement Marking (Special)	Pvmt Mkg (Spec)	SF
627-00100	Recessed Pavement Marker	Recessed Pvmt Marker	EACH
627-00110	Recessed Pavement Marker (Special)	Recessed Pvmt Marker (Spec)	EACH
627-00200	Warranted Epoxy Pavement Marking	War Epoxy Pvmt Mkg	SF
627-00202	Epoxy Pavement Marking (2-Year Warranty)	Epoxy Pvmt Mkg (2-Yr War)	SF
627-01001	Preformed Plastic Pavement Marking (Type I)	Preform Plastic Pvmt Mkg (Ty I)	SF
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	Preform Plastic Pvmt Mkg (TY I)(Inlaid)	SF
627-01011	Preformed Plastic Pavement Marking (Contrast)(Inlaid)	Preform Plastic Pvmt Mkg (Contr)(Inlaid)	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
627-01012	Preformed Plastic Pavement Marking (Type I)(Inlaid) (Install Only)	Prfm Plstic Pvmt Mkg(TY I)(Inld)(Instl)	SF
627-02001	Preformed Plastic Pavement Marking (Type II)	Preform Plastic Pvmt Mkg (Ty II)	SF
627-02010	Preformed Plastic Pavement Marking (Type II) (Inlaid)	Preform Plastic Pvmt Mkg (Ty II)(Inlaid)	SF
627-02012	Preformed Plastic Pavement Marking (Type II)(Inlaid) (Install Only)	Prfm Plstic Pvmt Mkg(TY II)(Inld)(Instl)	SF
627-02050	Research Project Pavement Marking	Research Proj Pvmt Mkg	L S
627-03001	Preformed Plastic Pavement Marking (Type III)	Preform Plastic Pvmt Mkg (Ty III)	SF
627-03010	Preformed Plastic Pavement Marking (Type III)(Inlaid)	Preform Plastic Pvmt Mkg(Ty III)(Inlaid)	SF
627-30105	Pavement Marking Paint (Word-Symbol)	Pvmt Mkg Paint (WS)	SF
627-30110	Pavement Marking Paint (Xwalk-Stop Line)	Pvmt Mkg Paint (XS)	SF
627-30205	Thermoplastic Pavement Marking (Word-Symbol)	Thermoplastic Pvmt Mkg (WS)	SF
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	Thermoplastic Pvmt Mkg (XS)	SF
627-30305	Preformed Plastic Pavement Marking (60 Mil) (Word-Symbol)	Plastic Pvmt Mkg (60 Mil) (WS)	SF
627-30310	Preformed Plastic Pavement Marking (60 Mil) (Xwalk-Stop Line)	Plastic Pvmt Mkg (60 Mil) (XS)	SF
627-30323	Preformed Plastic Pavement Marking (Word-Symbol)(Type I)(Inlaid)	Preform Plastic Pvmt Mkg (WS)(Typ I)(In)	SF
627-30324	Preformed Plastic Pavement Marking (Word-Symbol) (Type I)	Preform Plastic Pvmt Mkg (WS) (TY I)	SF
627-30326	Preformed Plastic Pavement Marking (Word - Symbol) (Type II)	Preform Plastic Pvmt Mkg (WS) (Ty II)	SF
627-30327	Preformed Plastic Pavement Marking (Word-Symbol) (Type III)	Preform Plastic Pvmt Mkg (WS) (Ty III)	SF
627-30328	Preformed Plastic Pavement Marking (XWalk-Stop Line)(Type I)(Inlaid)	Pre Plastic Pvmt Mkg (XWalk)(Typ1)(In)	SF
627-30329	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type I)	Preform Plastic Pvmt Mkg (XS) (TY I)	SF
627-30331	Preformed Plastic Pavement Marking (Xwalk - Stop Line) (Type II)	Preform Plastic Pvmt Mkg (XS) (Ty II)	SF
627-30332	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	Preform Plastic Pvmt Mkg (XS) (Ty III)	SF
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	Preform Thermoplastic Pvmt Mkg (WS)	SF
627-30406	Preformed Thermoplastic Pvmt Mkg (Word-Symbol)(Install Only)	Inst Preform Thermoplastic Pvmt Mkg (WS)	SF
627-30407	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	Preform Thermoplastic Pvmt Mkg (WS)(Sp)	SF
627-30408	Preformed Thermoplastic Pavement Marking (Shield)	Pre Thermo Pvmt Mkg (Shield)	SF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	Preform Thermoplastic Pvmt Mkg (XS)	SF
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	Preform Thermoplastic Pvmt Mkg (XS)(Sp)	SF
627-30412	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Install Only)	Pre Thermo Pvmt Mkg (XS) (Install Only)	SF
627-40000	Methyl Methacrylate Pavement Marking	Methyl Methacrylate Pvmt Mkg	GAL
627-40003	Methyl Methacrylate Pavement Marking (Inlaid)	Methyl Methacrylate Pvmt Mkg (Inlaid)	SF
627-40010	Methyl Methacrylate Pavement Marking (Word Symbol)	Methyl Methac Pvmt Mkg (WS)	SF
627-40011	Methyl Methacrylate Pavement Marking (X Walk Stop Line)	Methyl Methac Pvmt Mkg (XS)	SF
627-40012	Methyl Methacrylate Pavement Marking (Word Symbol)(Inlaid)	Methyl Methac Pvmt Mkg (WS)(In)	SF
627-40013	Methyl Methacrylate Pavement Marking (X Walk Stop line)(Inlaid)	Methyl Methac Pvmt Mkg (XS)(In)	SF
627-40014	Methyl Methacrylate Pavement Marking (Colored)	Methyl Methac Pvmt Mkg (Colored)	GAL
627-40015	Methyl Methacrylate Pavement Marking (Colored)(Inlaid)	Methyl Methac Pvmt Mkg (Colored)(In)	GAL
627-50000	Stimsonite Pavement Marking	Stimsonite Pvmt Mkg	SF
627-60000	Pavement Marking (Special)	Pvmt Mkg (Spec)	LF
628-00000	Bridge Girder and Deck Unit	Brdg Girder + Deck Unit	LF
628-00001	Bridge Girder and Deck Unit	Brdg Girder + Deck Unit	EACH
628-00005	Bridge Girder and Deck Unit (5 Feet to 10 Feet)	Brdg Girder + Deck Unit (5-10)	EACH
628-00030	Bridge Girder and Deck Unit (30 Feet to 35 Feet)	Brdg Girder + Deck Unit (30-35)	EACH
628-00040	Bridge Girder and Deck Unit (40 Feet to 45 Feet)	Brdg Girder + Deck Unit (40-45)	EACH
628-00045	Bridge Girder and Deck Unit (45 Feet to 50 Feet)	Brdg Girder + Deck Unit (45-50)	EACH
628-00050	Bridge Girder and Deck Unit (50 Feet to 55 Feet)	Brdg Girder + Deck Unit (50-55)	EACH
628-00060	Bridge Girder and Deck Unit (60 Feet to 65 Feet)	Brdg Girder + Deck Unit (60-65)	EACH
628-00070	Bridge Girder and Deck Unit (70 Feet to 75 Feet)	Brdg Girder + Deck Unit (70-75)	EACH
628-00075	Bridge Girder and Deck Unit (75 Feet to 80 Feet)	Brdg Girder + Deck Unit (75-80)	EACH
628-00080	Bridge Girder and Deck Unit (80 Feet to 85 Feet)	Brdg Girder + Deck Unit (80-85)	EACH
628-00085	Bridge Girder and Deck Unit (85 Feet to 90 Feet)	Brdg Girder + Deck Unit (85-90)	EACH
628-00090	Bridge Girder and Deck Unit (90 Feet to 95 Feet)	Brdg Girder + Deck Unit (90-95)	EACH
628-00110	Bridge Girder and Deck Unit (110 Feet to 115 Feet)	Brdg Girder + Deck Unit (110-115)	EACH
628-00115	Bridge Girder and Deck Unit (115 Feet to 120 Feet)	Brdg Girder + Deck Unit (115-120)	EACH
628-00130	Bridge Girder and Deck Unit (130 Feet to 135 Feet)	Brdg Girder + Deck Unit (130-135)	EACH
628-00135	Bridge Girder and Deck Unit (135 Feet to 140 Feet)	Brdg Girder+Deck Unit (135-140)	EACH
628-00140	Bridge Girder and Deck Unit (140 Feet to 145 Feet)	Brdg Girder+Deck Unit (140-145)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
628-00185	Bridge Girder and Deck Unit (185 Feet to 190 Feet)	Brdg Girder + Deck Unit (185-190)	EACH
628-00210	Bridge Girder and Deck Unit (210 Feet to 215 Feet)	Brdg Girder + Deck Unit (210-215)	EACH
628-00215	Bridge Girder and Deck Unit (215 Feet to 220 Feet)	Brdg Girder + Deck Unit (215-220)	EACH
628-50000	Design Services	Design Services	HOUR
628-50001	Design Services	Design Services	L S
629-01001	Survey Monument (Type 1)	Survey Monument (Ty 1)	EACH
629-01002	Survey Monument (Type 2)	Survey Monument (Ty 2)	EACH
629-01003	Survey Monument (Type 3)	Survey Monument (Ty 3)	EACH
629-01004	Survey Monument (Type 4)	Survey Monument (Ty 4)	EACH
629-01005	Survey Monument (Type 5)	Survey Monument (Ty 5)	EACH
629-01006	Survey Monument (Type 6)	Survey Monument (Ty 6)	EACH
629-01011	Survey Monument (Type 1A)	Survey Monument (Ty 1A)	EACH
629-01021	Survey Monument (Type 2A)	Survey Monument (Ty 2A)	EACH
629-01031	Survey Monument (Type 3A)	Survey Monument (Ty 3A)	EACH
629-01041	Survey Monument (Special)	Survey Mont (Special)	EACH
629-01050	Monument Box	Monument Box	EACH
629-01065	Survey Monument (Type 5S)	Survey Monument (Ty 5S)	EACH
629-01110	Locate Monuments	Locate Monuments	HOUR
629-01210	Adjust Monument Box	Adjust Monument Box	EACH
629-01300	Survey Monument (Temporary)	Survey Monument (Temp)	EACH
630-00000	Flagging	Flagging	HOUR
630-00001	Pilot Car Operation	Pilot Car Operation	HOUR
630-00003	Uniformed Traffic Control	Uniformed Traf Ctrl	HOUR
630-00004	Traffic Control Vehicle	Traf Ctrl Vehicle	EACH
630-00006	Uniformed Traffic Control (Vehicle)	Uniformed Traf Ctrl (Vehicle)	HOUR
630-00007	Traffic Control Inspection	Traf Ctrl Inspection	DAY
630-00009	Traffic Control Vehicle (Truck)	Traf Ctrl Vehicle (Truck)	EACH
630-00010	Sign Cleaning	Sign Cleaning	HOUR
630-00011	Courtesy Vehicle	Courtesy Vehicle	DAY
630-00012	Traffic Control Management	Traf Ctrl Mgmt	DAY
630-00014	Traffic Control Vehicle (Truck)	Traf Ctrl Vehicle (Truck)	HOUR
630-00015	Uniformed Traffic Control Coordination	Uniformed Traf Ctrl Coordination	HOUR
630-00016	Traffic Control (Special) LS	Traffic Control (Special) LS	L S
630-00017	Traffic Control Management (Special)	Traffic Control Management (Special)	DAY
630-00018	Smart Work Zone Traffic Control Management	Smart Work Zone Traffic Ctrl Mgmt	DAY
630-00020	Traffic Control Vehicle	Traf Ctrl Vehicle	DAY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
630-00025	Traffic Control Vehicle	Traf Ctrl Vehicle	HOUR
630-00027	Rolling Roadblock	Rolling Roadblock Traffic Control	DAY
630-00028	Rolling Roadblock	Rolling Roadblock Traffic Control	HOUR
630-00030	Courtesy Patrol	Courtesy Patrol	DAY
630-00031	Courtesy Patrol	Courtesy Patrol	HOUR
630-00035	Emergency Pull-off Area (Temporary)	Emerg Pull-off Area (Temp)	EACH
630-00040	Traffic Incident Management Plan Development	Develop Traf Incident Mgmt Plan	L S
630-00041	Traffic Incident Management Plan Implementation	Implement Traf Incident Mgmt Plan	MON
630-10122	Portable Variable Message Sign Panel (SWZ)	Port Variable Message Sign Panel (SWZ)	DAY
630-10123	Portable Variable Message Sign Panel (SWZ)	Port Variable Message Sign Panel (SWZ)	MON
630-72887	Portable Microwave Vehicle Radar Detector (SWZ)	Port Microwave Veh Radar Detector (SWZ)	DAY
630-72888	Portable Microwave Vehicle Radar Detector (SWZ)	Port Microwave Veh Radar Detector (SWZ)	MON
630-80000	Traffic Control Devices (Maintain)	Traffic Control Devices (Maintain)	DAY
630-80001	Flashing Beacon (Portable)	Flash Beacon (Port)	EACH
630-80002	Flashing Beacon (Solar)	Flash Beacon (Solar)	EACH
630-80003	Portable Flashing Beacon (SWZ)	Portable Flashing Beacon (SWZ)	EACH
630-80004	Portable Flashing Beacon (SWZ)	Portable Flashing Beacon (SWZ)	DAY
630-80005	Portable Flashing Beacon (SWZ)	Portable Flashing Beacon (SWZ)	MON
630-80305	Flagging Station Light	Flagging Station Light	EACH
630-80310	Automated Flagging Assistance Device	Automated Flagging Assistance Device	EACH
630-80311	Automated Flagging Assistance Device	Automated Flagging Assistance Device	DAY
630-80312	Automated Flagging Assistance Device (SWZ)	Automated Flagging Assist Device (SWZ)	DAY
630-80313	Automated Flagging Assistance Device (SWZ)	Automated Flagging Assist Device (SWZ)	MON
630-80331	Barricade (Type 3 F-A) (Temporary)	Barricade (3 F-A) (Temp)	EACH
630-80332	Barricade (Type 3 F-B) (Temporary)	Barricade (3 F-B) (Temp)	EACH
630-80333	Barricade (Type 3 F-C) (Temporary)	Barricade (3 F-C) (Temp)	EACH
630-80334	Barricade (Type 3 F-D) (Temporary)	Barricade (3 F-D) (Temp)	EACH
630-80335	Barricade (Type 3 M-A) (Temporary)	Barricade (3 M-A) (Temp)	EACH
630-80336	Barricade (Type 3 M-B) (Temporary)	Barricade (3 M-B) (Temp)	EACH
630-80337	Barricade (Type 3 M-C) (Temporary)	Barricade (3 M-C) (Temp)	EACH
630-80338	Barricade (Type 3 M-D) (Temporary)	Barricade (3 M-D) (Temp)	EACH
630-80339	Directional Barricade	Directional Barricade	EACH
630-80340	Pedestrian Barricade (ADA)	Pedestrian Barricade (ADA)	LF
630-80341	Construction Traffic Sign (Panel Size A)	Const Traf Sign (A)	EACH
630-80342	Construction Traffic Sign (Panel Size B)	Const Traf Sign (B)	EACH
630-80343	Construction Traffic Sign (Panel Size C)	Const Traf Sign (C)	EACH



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
630-80344	Construction Traffic Sign (Special)	Const Traf Sign (Spec)	SF
630-80345	Vehicle Mounted Message Sign Panel (Furnish Only)	Furn Vehicle Mnted Mesg Sign Pnl	EACH
630-80346	Construction Traffic Sign (Panel Size B) (SWZ)	Const Traffic Sign (Size B) (SWZ)	EACH
630-80347	Construction Traffic Sign (Panel Size C) (SWZ)	Const Traffic Sign (Size C) (SWZ)	EACH
630-80348	Construction Information Sign	Const Info Sign	EACH
630-80349	Construction Traffic Sign (Panel Size A) (SWZ)	Const Traffic Sign (Size A) (SWZ)	EACH
630-80350	Vertical Panel	Vert Panel	EACH
630-80351	Vertical Panel (Plastic)	Vert Panel (Plastic)	EACH
630-80352	Vertical Panel (Special)	Vert Panel (Spec)	EACH
630-80353	Vertical Panel (With Light) (Flashing)	Vert Panel (Light) (F)	EACH
630-80354	Vertical Panel (With Light) (Steady Burn)	Vert Panel (Light) (SB)	EACH
630-80355	Portable Message Sign Panel	Port Mesg Panel	EACH
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	Flash Arrow Panel (A Ty)	EACH
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	Flash Arrow Panel (B Ty)	EACH
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	Flash Arrow Panel (C Ty)	EACH
630-80359	Portable Message Sign Panel	Port Mesg Panel	DAY
630-80360	Drum Channelizing Device	Drum Channel Dev	EACH
630-80361	Drum Channelizing Device (Maintain)	Drum Channelizing Device (Maintain)	EACH
630-80362	Portable Traffic Speed Monitor (SWZ)	Port Traffic Speed Monitor (SWZ)	MON
630-80363	Drum Channelizing Device (With Light) (Flashing)	Drum Channel Dev (Light) (F)	EACH
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	Drum Channel Dev (Light) (SB)	EACH
630-80365	Portable Message Sign Panel (State Furnished)	Port Mesg Panel (State Furn)	EACH
630-80366	Portable Traffic Speed Monitor (State Purchased)	Port Traf Speed Monitor (State Purch)	EACH
630-80367	Portable Traffic Speed Monitor	Port Traf Speed Monitor	EACH
630-80368	Portable Traffic Speed Monitor	Port Traf Speed Monitor	DAY
630-80370	Barrier (Temporary)	Barrier (Temp)	LF
630-80371	Reset Concrete Barrier (Temporary)	Reset Concrete Barrier (Temp)	LF
630-80372	Concrete Barrier (Temporary) (Furnish and Install)	Conc Barrier (Temp) (Furnish & Install)	LF
630-80373	Concrete Barrier (Temporary)(Remove)	Concrete Barrier (Temporary)(Remove)	LF
630-80374	Advance Warning Flashing / Sequencing Arrow Panel (A Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (A) (SWZ)	MON
630-80375	Concrete Barrier (Temporary) (Install Only)	Inst Conc Barrier (Temp)	LF
630-80377	Portable Water Filled Barrier (Temporary)	Port Water Filled Barrier (Temp)	LF
630-80378	Glare Screen (Temporary)	Glare Screen (Temp)	LF



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
630-80379	Portable Variable Speed Limit Sign	Port Var Speed Limit Sign	EACH
630-80380	Traffic Cone	Traffic Cone	EACH
630-80381	Traffic Cone (Maintain)	Traffic Cone (Maintain)	EACH
630-80382	Portable Variable Speed Limit Sign (SWZ)	Port Variable Speed Limit Sign (SWZ)	DAY
630-80383	Portable Variable Speed Limit Sign (SWZ)	Port Variable Speed Limit Sign (SWZ)	MON
630-80384	Tubular Marker	Tubular Marker	EACH
630-80385	Lane Divider (Temporary)	Lane Divider (Temp)	EACH
630-80386	Advance Warning Flashing / Sequencing Arrow Panel (A Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (A) (SWZ)	DAY
630-80387	Advance Warning Flashing / Sequencing Arrow Panel (B Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (B) (SWZ)	DAY
630-80388	Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (C) (SWZ)	DAY
630-80389	Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (C) (SWZ)	MON
630-80390	Channelizing Device (Special)	Channel Dev (Spec)	EACH
630-80391	Channelizing Device (Fixed)	Channel Dev (Fixed)	EACH
630-80392	Stackable Tubular Marker	Stackable Tubular Marker	EACH
630-80393	Stackable Vertical Panels	Stackable Vertical Panels	EACH
630-80394	Channelizing Device (SWZ)	Channelizing Device (SWZ)	EACH
630-80395	Advance Warning Flashing / Sequencing Arrow Panel (B Type) (SWZ)	Adv Warn Flash / Seq Arw Pnl (B) (SWZ)	MON
630-80396	Portable Traffic Speed Monitor (SWZ)	Port Traffic Speed Monitor (SWZ)	DAY
630-80401	Delineator (Type I) (Temporary)	Delin (Ty I) (Temp)	EACH
630-80402	Delineator (Type II) (Temporary)	Delin (Ty II) (Temp)	EACH
630-80403	Delineator (Type III) (Temporary)	Delin (Ty III) (Temp)	EACH
630-80410	Advance Overhead Warning Device (Chains)	Adv Overhead Warn Dev (Chains)	EACH
630-80411	Advance Warning Flashing or Sequencing Arrow Panel (A Type) (Maintain)	Adv Warn Flash or Seq Arw Pnl (A) (Main)	EACH
630-80415	Advanced Warning Flashing or Sequencing Panel (C Type)	Adv Warn Flash or Seq Panel (C Type)	DAY
630-80417	Sequential Flashing Warning Light	Seq Flashing Warning Light	EACH
630-80430	Rumble Strip (Portable)	Rumble Strip (Port)	EACH
630-80440	Portable Rumble Strips (Temporary)	Port Rumble Strips (Temp)	EACH
630-80511	Mobile Pavement Marking Zone	Mobile Pvmt Marking Zone	L S
630-80520	Mobile Pavement Marking Zone	Mobile Pvmt Mkg Zone	DAY
630-80560	Mobile Profilograph Operation Zone	Mobile Profilograph Oper Zone	L S
630-80570	Mobile Profilograph Operation Zone	Mobile Profilograph Oper Zone	DAY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
630-81341	Construction Traffic Sign (Panel Size A) (Maintain)	Const Traffic Sign (Size A) (Maintain)	EACH
630-81342	Construction Traffic Sign (Panel Size B) (Maintain)	Const Traffic Sign (Size B) (Maintain)	EACH
630-81344	Construction Traffic Sign (Special) (Maintain)	Const Traffic Sign (Spec) (Maintain)	SF
630-81355	Portable Message Sign Panel (Maintain)	Portable Msg Sign Panel (Maintain)	EACH
630-81363	Drum Channelizing Device (With Light) (Flashing) (Maintain)	Drum Chan Dev (Light) (Flashing) (Main)	EACH
630-81364	Drum Channelizing Device (With Light) (Steady Burn) (Maintain)	Drum Chan Dev (Light) (Steady) (Main)	EACH
630-85006	Impact Attenuator (Sand Filled Plastic Barrel) (Temporary)	Impact Atten (Sand Fill) (Temp)	EACH
630-85010	Impact Attenuator (Temporary)	Impact Atten (Temp)	EACH
630-85011	Impact Attenuator (Temporary)	Imp Atten (Temp)	DAY
630-85012	Impact Attenuator (Temporary) (Maintain)	Impact Atten (Temp) (Maintain)	EACH
630-85013	Impact Attenuator (Temporary)(Reset Only)	Impact Atten (Temp)(Reset)	EACH
630-85014	Impact Attenuator (Temporary)(Remove Only)	Impact Atten(Temp)(Remove)	EACH
630-85020	Mobile Attenuator	Mobile Attenuator	EACH
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	Impact Atten (T-M-A) (Temp)	EACH
630-85041	Mobile Attenuator	Mobile Attenuator	DAY
630-85115	Impact Attenuator (Quadguard) (Temporary)	Impact Atten (Quadguard) (Temp)	EACH
630-86100	River Safety Net	River Safety Net	EACH
630-86250	Portable Ramp Meter (SWZ)	Port Ramp Meter (SWZ)	DAY
630-86251	Portable Ramp Meter (SWZ)	Port Ramp Meter (SWZ)	MON
630-86801	Traffic Signal (Temporary)	Traffic Signal (Temp)	L S
630-86802	Traffic Signal (Temporary)	Traffic Signal (Temporary)	DAY
630-86810	Traffic Signal (Temporary)	Traffic Signal (Temp)	EACH
630-86820	Traffic Signal (Temporary)(State Furnished)	Traffic signal(Temp.)(State Furnished)	EACH
630-87000	Temporary Highway Advisory Radio Transmitter	Temp Hwy Advisory Radio Transmitter	EACH
630-87001	Portable Highway Advisory Radio Transmitter (SWZ)	PHAR Transmitter (SWZ)	DAY
630-87002	Portable Highway Advisory Radio Transmitter (SWZ)	PHAR Transmitter (SWZ)	MON
630-87320	Portable Closed Circuit Television (CCTV) (SWZ)	Portable CCTV (SWZ)	DAY
630-87321	Portable Closed Circuit Television (SWZ)	Portable CCTV (SWZ)	MON
630-88000	Smart Work Zone System Server and Software	Smart Wrk Zn Sys Serv and Sftwre	DAY
630-88001	Work Zone Intrusion Alarm System	Work Zone Intrusion Alarm System	DAY
630-88002	Smart Traffic Monitoring System (STMS)	Smart Traffic Monitoring System (STMS)	DAY
630-88003	Smart Work Zone System	Smart Work Zone System	DAY
630-88004	Smart Traffic Monitoring System (STMS) Mobilization	Smart Traffic Monitoring Sys (STMS) Mob	L S
630-88005	Portable Non-Intrusive Traffic Sensor	Port Non-Intrus Traf Sens	DAY



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
630-88006	Smart Work Zone System	Smart Work Zone System	MON
630-88007	Smart Work Zone Devices (Setup)	Smart Work Zone Devices (Setup)	L S
630-88008	Smart Work Zone System (Setup)	Smart Work Zone System (Setup)	L S
630-88010	Portable Pan-Tilt-Zoom Camera	Port Pan-Tilt-Zoom Cam	DAY
630-88011	SWZ Data Processing Software	SWZ Data Processing Software	L S
631-00100	Highway Design & Construction	Hwy Design & Const	L S
631-00105	Highway Construction	Hwy Const	L S
631-10000	Alternate Bridge Design and Construction	Alt Brdg Design and Const	L S
631-10001	Alternative Girder Design & Construction	Alternative Girder Design & Construction	L S
631-10002	Bridge Design and Construction	Bridge Design and Construction	L S
631-11000	Bridge/Structure (Design Build)	Bridge/Str (Design Build)	SF
631-20010	Move Bridge (Slide)	Move Bridge (Slide)	L S
631-20020	Move Bridge (Roll)	Move Bridge (Roll)	L S
632-00000	Night Work Lighting	Night Work Lighting	L S
637-00100	Roadway Sweeping	Roadway Sweep	SHML
641-10000	Shotcrete	Shotcrete	SY
641-10010	Initial Shotcrete Facing	Initial Shotcrete Facing	SF
641-10070	Shotcrete Sculpting	Shotcrete Sculpting	SY
641-11000	Shotcrete (Class A)	Shotcrete (CL A)	CY
641-11001	Shotcrete (Class B)	Shotcrete (CL B)	CY
641-11002	Shotcrete (Class C)	Shotcrete (CL C)	CY
641-11003	Shotcrete (Class D)	Shotcrete (CL D)	CY
641-11004	Shotcrete (Portal Brow) (8 Inch)	Shotcrete (Port Brow) (8 In)	CY
641-11005	Shotcrete (Smoothing) (Geocomposite Drains)	Shotcrete (Smooth)(Geocomp Dr)	CY
641-11006	Shotcrete (Smoothing)(Supplemental)	Shotcrete (Smooth)(Suppl)	CY
642-00010	Exploder (Type 1)(Install Only)	Exploder (Ty 1)(Install)	EACH
642-00020	Exploder (Type 2)(Install Only)	Exploder (Ty 2)(Install)	EACH
642-00025	Exploder (Type 3)(Install Only)	Exploder (Ty 3)(Install)	EACH
642-00030	Control Shelter (Type 1)(Install Only)	Cntrl Shelter (Ty 1)(Install)	EACH
642-00040	Control Shelter (Type 2)(Install Only)	Cntrl Shelter (Ty 2)(Install)	EACH
642-00050	Oxygen Farm Cabinet	Oxy Farm Cabinet	EACH
650-00000	Mechanical Systems	Mechanical Syst	L S
652-00000	Fire Protection Systems	Fire Protection Syst	L S
660-00000	Special Systems	Special Syst	L S
670-00000	Electrical Systems	Electrical Syst	L S
680-00000	Lighting Systems	Lighting Syst	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
699-00010	Fixed Fee	Fixed Fee	L S
700-70002	F/A ANTICIPATED CMO	F/A ANTICIPATED CMO	F A
700-70010	F/A Minor Contract Revisions	F/A Minor Contract Revisions	F A
700-70012	F/A Asphalt Pavement Incentive	F/A Asph Pvmt Incentive	F A
700-70013	F/A Concrete Pavement Incentive	F/A Conc Pvmt Incentive	F A
700-70014	F/A Incentive	F/A Incentive	F A
700-70015	F/A Mobilization	F/A Mobilization	F A
700-70016	F/A Fuel Cost Adjustment	F/A Fuel Cost Adjustment	F A
700-70017	F/A Landscape Establishment Incentive	F/A Landscape Incentive	F A
700-70018	F/A Roadway Smoothness Incentive	F/A Road Smooth Incentive	F A
700-70019	F/A Asphalt Cement Cost Adjustment	F/A Asphalt Cement Cost Adjustment	F A
700-70023	F/A On-The-Job Trainee	F/A On-The-Job Trainee	F A
700-70025	F/A Quality Incentive Payment	F/A Quality Incentive Pymt	F A
700-70028	F/A ESB Program	F/A ESB Program	F A
700-70029	F/A ESB Program Retainage	F/A ESB Program Retainage	F A
700-70031	F/A Interim Surface Repair	F/A Interim Surface Repair	F A
700-70032	F/A Emergency Repair	F/A Emergency Repair	F A
700-70033	F/A Video Taping	F/A Video Taping	F A
700-70034	F/A	F/A	F A
700-70035	F/A	F/A	F A
700-70036	Forced Accounts	F/A	F A
700-70037	F/A Contaminated Soil	F/A Contaminated Soil	F A
700-70040	F/A Railroad	F/A Railroad	F A
700-70042	F/A Railroad Flagging	F/A RR Flagging	F A
700-70050	F/A Removal	F/A Removal	F A
700-70051	F/A Disposal	F/A Disposal	F A
700-70060	F/A Adjust	F/A Adjust	F A
700-70070	F/A Obtain	F/A Obtain	F A
700-70072	F/A Obtain Power from Xcel Energy	F/A Obtain Power from Xcel	F A
700-70074	F/A Obtain Power from	F/A Obtain Power from	F A
700-70080	F/A Furnish	F/A Furnish	F A
700-70081	F/A Provide	F/A Provide	F A
700-70082	F/A Furnish & Install Electrical Service	F/A Furn & Inst Elec Serv	F A
700-70090	F/A Reset	F/A Reset	F A
700-70100	F/A Relocate	F/A Relocate	F A
700-70110	F/A Install	F/A Install	F A



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
700-70111	Project First Program	Project First Program	F A
700-70120	F/A Maintain	F/A Maintain	F A
700-70129	F/A Deck Rehabilitation	F/A Deck Rehab	F A
700-70130	F/A Repair	F/A Repair	F A
700-70131	F/A Modify	F/A Modify	F A
700-70135	F/A Demolish Building	F/A Demolish Building	F A
700-70140	F/A Signing and Striping	F/A Signing and Striping	F A
700-70150	F/A Asphalt Rejuvenating Agent	F/A Asph Rejuv Agent	F A
700-70155	F/A Pavement Surface Course Maintenance	F/A Pvmt Surf Course Maint	F A
700-70160	F/A Detour	F/A Detour	F A
700-70170	F/A Pothole Utilities	F/A Pothole Util	F A
700-70180	F/A Gas Lines	F/A Gas Lines	F A
700-70195	F/A Utilities and Maintenance of Field Facilities	F/A Util and Maint of Field Facil	F A
700-70200	F/A Power Lines	F/A Power Lines	F A
700-70210	F/A Lights	F/A Lights	F A
700-70220	F/A Phone Service	F/A Phone Serv	F A
700-70222	F/A Cellular Phone Service	F/A Cell Phone Serv	F A
700-70225	F/A Telephone Interconnect	F/A Telephone Interconnect	F A
700-70230	F/A Communication Lines	F/A Communication Lines	F A
700-70240	F/A Sewer Taps	F/A Sewer Taps	F A
700-70250	F/A Sewer Lines	F/A Sewer Lines	F A
700-70255	F/A Water	F/A Water	F A
700-70260	F/A Water Taps	F/A Water Taps	F A
700-70270	F/A Water Lines	F/A Water Lines	F A
700-70280	F/A Fire Hydrant	F/A Fire Hydrant	F A
700-70290	F/A Manhole	F/A Manhole	F A
700-70300	F/A Cable T.V. Lines	F/A Cable TV Lines	F A
700-70310	F/A Landscaping	F/A Landscaping	F A
700-70320	F/A Sprinklers	F/A Sprinklers	F A
700-70330	F/A Temporary Signalization	F/A Temp Signalization	F A
700-70340	F/A Habitat Restoration	F/A Habitat Restoration	F A
700-70350	F/A Removal of Obstruction	F/A Removal of Obstruction	F A
700-70360	F/A Signs, Delineators and Mileposts	F/A Signs, Delin and MP	F A
700-70370	F/A Signing	F/A Signing	F A
700-70372	F/A Impact Attenuator (Temporary)(Repair Existing)	F/A Imp Atten (Temp)(Repair Exist)	F A
700-70375	F/A Striping	F/A Striping	F A



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
700-70380	F/A Erosion Control	F/A Erosion Ctrl	F A
700-70390	F/A Wetland Restoration & Replacement	F/A Wetland Restore & Replace	F A
700-70391	F/A Wetland Replacement	F/A Wetland Replacement	F A
700-70392	F/A Wetland Restoration	F/A Wetland Restoration	F A
700-70393	F/A Wetland Monitoring	F/A Wetland Monitoring	F A
700-70394	F/A Wetland Protection	F/A Wetland Protection	F A
700-70400	F/A Obliterate Old Road	F/A Obliterate Old Road	F A
700-70410	F/A Stream Restoration	F/A Stream Restoration	F A
700-70420	F/A Tree Trimming	F/A Tree Trimming	F A
700-70422	F/A Sanding Material	F/A Sanding Material	F A
700-70424	F/A Slope Reconstruction	F/A Slope Reconstruction	F A
700-70426	F/A Stabilization	F/A Stabilization	F A
700-70427	F/A Round Mountain Reclamation	F/A Round Mountain Reclamation	F A
700-70428	F/A Separate and Stockpile Selected Rocks	F/A Separate and Stockpile Rocks	F A
700-70430	F/A Boulder Placement	F/A Boulder Placement	F A
700-70440	F/A Rock Scaling	F/A Rock Scaling	F A
700-70450	F/A Rock Fall Protection	F/A Rock Fall Protection	F A
700-70460	F/A Rock Staining	F/A Rock Staining	F A
700-70470	F/A Information Trailer	F/A Info Trailer	F A
700-70480	F/A Standby Sanitary Facilities	F/A Standby Sani Facilities	F A
700-70490	F/A Traffic Control Vehicle (Pilot Car)	F/A Traf Ctrl Veh (Pilot Car)	F A
700-70492	F/A Traffic Control for Installation	F/A Traf Ctrl for Installation	F A
700-70493	F/A Smart Work Zone	F/A Smart Work Zone	L S
700-70494	F/A Smart Work Zone Systems	F/A Smart Work Zone Systems	F A
700-70495	F/A Asbestos Abatement Work	F/A Asbestos Abatement Work	F A
700-70496	F/A Lead Abatement Work	F/A Lead Abatement Work	F A
700-70500	F/A Landfill Requirements	F/A Landfill Requirements	F A
700-70505	F/A Plan Requirements	F/A Plan Requirements	F A
700-70510	F/A Relocate Field Office	F/A Relocate Field Office	F A
700-70520	F/A Micro	F/A Micro	F A
700-70530	F/A Drainage Improvement	F/A Drainage Improvement	F A
700-70540	F/A Traffic Signal Detector Loops	F/A Traf Sig Detect Loops	F A
700-70550	F/A Blading Shoulder	F/A Blading Shoulder	F A
700-70560	F/A Plant Establishment	F/A Plant Establishment	F A
700-70570	F/A Guardrail	F/A Guardrail	F A
700-70580	F/A Test Instruments	F/A Test Instruments	F A



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
700-70587	F/A Hazardous Waste Disposal	F/A Hazardous Waste Disposal	F A
700-70588	F/A Transportation of Hazardous Material	F/A Transport Hazardous Matl	F A
700-70589	F/A Environmental Health & Safety Management	F/A Environ Health & Safety Mgmt	F A
700-70590	F/A Health and Safety Plan	F/A Health and Safety Plan	F A
700-70591	F/A Health and Safety Officer	F/A Health and Safety Officer	F A
700-70592	F/A Survey Monumentation	F/A Survey Monumentation	F A
700-70593	F/A ROW Monumentation	F/A ROW Monumentation	F A
700-70594	F/A DRB Standing Committee	F/A DRB Standing Committee	F A
700-70595	F/A DRB On-Demand Committee	F/A DRB On-Demand Committee	F A
700-70596	Standing Dispute Review Board	Standing DRB	F A
700-71000	CMGC Overrun Pool	CMGC Overrun Pool	F A
700-71001	CMGC Shared Rist Contig. Pool	CMGC Shared Risk Contingency Pool	F A
700-71002	CDOT Risk Pool	CDOT Risk Pool	F A
700-71003	Owner Controlled Insurance Program Responsiveness and Accuracy	OCIP Respon. and Accuracy	F A
700-71004	Owner Controlled Insurance Program Enrollment and Reporting	OCIP Enrollment and Reporting	F A
700-71005	Owner Controlled Insurance Program Safety Compliance and Loss Statistics	OCIP Safety Compl. and Loss Stat.	F A
700-71100	Multiplier	Multiplier	F A
700-73301	F/A Lighting by Others (Non-Utility) Paid by Time & Material s	F/A Lighting by Others (Non-Util)	F A
700-73302	F/A Lighting by Others (Non-Utility) Paid by LS	F/A Lighting by Others (Non-Util)	F A
700-73311	F/A Relocate Electric (Non-Utility)	F/A Reloc Elec (Non-Util)	F A
700-73312	F/A Signal Lighting by Others (Non-Utility)	F/A Sig Lighting by Others (Non-Util)	F A
700-73322	F/A Fire Hydrant by Others (Non-Utility)	F/A Fire Hydrant by Others (Non-Util)	F A
700-73332	F/A Relocate Electric (Non-Utility)	F/A Reloc Elec (Non-Util)	F A
700-73351	F/A	F/A	F A
700-73352	F/A	F/A	F A
700-90000	Do Not Use On Estimates-For Use Only As Item In The Generic Nonbid Project	Generic Non-Bid Project	F A
700-90005	F/A	F/A	F A
700-90006	F/A Signing & Striping	F/A Signing & Striping	F A
700-90007	F/A Plant Establishment	F/A Plant Establishment	F A
700-90010	F/A Removal	F/A Removal	F A
700-90011	F/A Signs, Delineators & Mileposts	F/A Signs, Delin & MP	F A
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



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
700-90020	F/A Adjust	F/A Adjust	F A
700-90021	F/A Detour	F/A Detour	F A
700-90026	F/A Landscaping	F/A Landscaping	F A
700-90030	F/A Reset	F/A Reset	F A
700-90032	F/A Emergency Repair	F/A Emergency Repair	F A
700-90040	F/A Furnish	F/A Furnish	F A
700-90045	F/A Provide	F/A Provide	F A
700-90050	F/A Relocate	F/A Relocate	F A
700-90060	F/A Install	F/A Install	F A
700-90062	F/A Furnish & Install	F/A Furn & Inst	F A
700-90070	F/A Railroad	F/A Railroad	F A
700-90072	F/A Railroad Flagging	F/A RR Flagging	F A
700-90074	F/A Railroad Pre-emptive Timing (Install & Wiring)	F/A RR Pre-empt Timing (Install, Wiring)	F A
700-90080	F/A Gas Lines	F/A Gas Lines	F A
700-90090	F/A Electrical Service	F/A Elec Serv	F A
700-90100	F/A Power Lines	F/A Power Lines	F A
700-90110	F/A Lights	F/A Lights	F A
700-90120	F/A Phone Service	F/A Phone Serv	F A
700-90130	F/A Communication Lines	F/A Communication Lines	F A
700-90140	F/A Sewer Taps	F/A Sewer Taps	F A
700-90150	F/A Sewer Lines	F/A Sewer Lines	F A
700-90160	F/A Water Taps	F/A Water Taps	F A
700-90170	F/A Water Lines	F/A Water Lines	F A
700-90180	F/A Fire Hydrant	F/A Fire Hydrant	F A
700-90190	F/A Cable TV Lines	F/A Cable TV Lines	F A
700-90195	F/A Maintain Field Laboratory	F/A Maint Field Lab	F A
700-93301	F/A	F/A	F A
700-93302	F/A Lighting by Others (Non-Utility)	F/A Lighting by Others (Non-Util)	F A
700-93311	F/A Reloc Elec (Non-Utility)	F/A Reloc Elec (Non-Util)	F A
700-93312	F/A Signal Lighting By Others (Non-Utility)	F/A Sig Lighting by Others (Non-Util)	F A
700-93332	F/A Relocate Electric (Non-Utility)	F/A Reloc Elec (Non-Util)	F A
700-93352	F/A	F/A	F A
800-00040	Right-Of-Way (Federal Aid Costs and Eligible Indirect Costs)	Right-Of-Way (Fed Aid)	L S
800-00045	Right-Of-Way (Non-Federal Aid Costs and NFA Indirect Costs)	Right-Of-Way (Non-Fed Aid)	L S



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
800-00046	Right-Of-Way (Non-Federal Aid Costs 2 and NFA Indirect Costs)	ROW (Non-Fed Aid 2)	L S
800-00047	Right-of-Way (Federal-Aid 2 Directs and Indirects)	ROW (Fed-Aid 2 Directs and Indirects)	L S
800-00060	State Furnished Materials	State Furn Matls	L S
800-00062	Local Furnished Materials	Local Furn Matls	L S
800-00064	Other Furnished Materials	Other Furn Matls	L S
800-00066	Misc Furnished Materials	Misc Furn Matls	L S
800-00068	State Furnished Materials (Unit Each)	State Furn Matls	EACH
800-00070	State Furnished Materials (Unit Cubic Yards)	State Furn Matls	CY
800-00072	State Furnished Material	State Furn Matls	LB
800-00074	State Furnished Materials	State Furn Matls	SF
900-00001	Added Item (Acre)/	Added Item (Acre)/	ACRE
900-00003	Added Item (Cubic Foot)/	Added Item (Cubic Foot)/	CF
900-00004	Added Item (Cubic Yard)/	Added Item (Cubic Yard)/	CY
900-00005	Added Item (Day)/	Added Item (Day)/	DAY
900-00006	Added Item (Dollar)/	Added Item (Dollar)/	DOL
900-00007	Added Item (Each)/	Added Item (Each)/	EACH
900-00009	Added Item (Gallon)/	Added Item (Gallon)/	GAL
900-00010	Added Item (Hour)/	Added Item (Hour)/	HOUR
900-00011	Added Item (Pound)/	Added Item (Pound)/	LB
900-00012	Added Item (Foot)/	Added Item (Foot)/	LF
900-00013	Added Item (Lane Mile)/	Added Item (Lane Mile)/	LM
900-00014	Added Item (Lump Sum)/	Added Item (Lump Sum)/	L S
900-00015	Added Item (M Ft Bd Measure)/	Added Item (M Ft Bd Measure)/	MFBM
900-00016	Added Item (M Gallon)/	Added Item (M Gallon)/	MGAL
900-00017	Added Item (Mile)/	Added Item (Mile)/	MILE
900-00018	Added Item (M Kip Foot)/	Added Item (M Kip Foot)/	MKFT
900-00019	Added Item (Month)/	Added Item (Month)/	MON
900-00020	Added Item (Ounce)/	Added Item (Ounce)/	OZ
900-00021	Added Item (Square Foot)/	Added Item (Square Foot)/	SF
900-00022	Added Item (Square Yard)/	Added Item (Square Yard)/	SY
900-00023	Added Item (Ton Mile)/	Added Item (Ton Mile)/	TM
900-00024	Added Item (Ton)/	Added Item (Ton)/	TON
900-00025	Added Item (Workday)/	Added Item (Workday)/	WD
900-00026	Added Item (Week)/	Added Item (Week)/	WK
900-00027	Added Item (Yard Mile)/	Added Item (Yard Mile)/	YM



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
900-00028	Added Item (OJT Damages)	Added Item (OJT Damages)	HOUR
900-00029	Sales Tax - AC Grade/Source Change	Sales Tax - AC Grade/Source Change	DOL
900-00030	Erosion Control Liquidated Damages	Erosion Control Liquidated Damages	DAY
900-00031	ADDED Item/DBE Sanctions	ADDED Item/DBE Sanctions	DOL
950-00000	Contract Management	Contract Management	DOL
950-00001	Quality Management	Quality Management	DOL
950-00002	Safety Management	Safety Management	DOL
950-00003	Public Information Management	Public Info Manage	DOL
950-00004	Mobilization	Mobilization	DOL
950-00005	Bonds and Insurance	Bonds and Insurance	DOL
950-00006	Right-of-Way	Right-of-Way	DOL
950-00100	Hot Mix Asphalt	HMA	DOL
950-00101	Stone Matrix Asphalt	SMA	DOL
950-00102	Concrete Pavement (8 Inch to 10 Inch)	Conc Pavement (8 In to 10 In)	DOL
950-00103	Concrete Pavement (11 Inch to 13 Inch)	Conc Pavement (11 In to 13 In)	DOL
950-00104	Concrete Pavement (>13 Inch)	Conc Pavement (>13 Inch)	DOL
950-00105	Roadway (Other)	Roadway (Other)	DOL
950-00106	Design Services	Design Services	DOL
950-00108	Project Contract Total	Project Contract Total	DOL
950-00200	Structure - Steel Girder	Structure - Steel Girder	DOL
950-00201	Structure - Concrete I Girder	Structure - Concrete I Girder	DOL
950-00202	Structure - Box Girder	Structure - Box Girder	DOL
950-00203	Structure - Concrete Segmental Girder	Structure - Conc Seg Girder	DOL
950-00204	Structure - Concrete Post Tensioned Girder	Structure - Conc Post Tension Girder	DOL
950-00205	Structure - Other	Structure - Other	DOL
950-00206	Structure - Concrete Box Culvert (W>20 Feet)	Structure - CBC (W>20 Ft)	DOL
950-00207	Sign Structure	Sign Structure	DOL
950-00208	Retaining Walls	Retaining Walls	DOL
950-00209	Noise Walls	Noise Walls	DOL
950-00300	Unclassified Excavation	Uncl Ex	DOL
950-00301	Unclassified Embankment	Uncl Embank	DOL
950-00302	Aggregate Base Course	ABC	DOL
950-00303	Earthwork (Other)	Earthwork (Other)	DOL
950-00400	Tolling Infrastructure	Tolling Infrastructure	DOL
950-00401	Intelligent Transportation Systems	ITS	DOL
950-00500	Removal/Resets	Removal/Resets	DOL



Master Item Code Book - Spec Year 05

Item Number	Long Description	Short Description	Units
950-00501	Signing and Striping	Signing and Striping	DOL
950-00502	Utility Work	Utility Work	DOL
950-00503	Railroad Work	Railroad Work	DOL
950-00504	Drainage	Drainage	DOL
950-00505	Maintenance of Traffic	Maint of Traffic	DOL
950-00506	Environmental Management	Environ Manage	DOL
950-00600	Guard Rail (Concrete)	Guard Rail (Concrete)	DOL
950-00601	Guard Rail (Steel)	Guard Rail (Steel)	DOL
950-00602	Guard Rail (Cable)	Guard Rail (Cable)	DOL
950-00603	Lighting	Lighting	DOL
950-00604	Other	Other	DOL
950-01000	Project Management	Project Management	DOL
950-01100	Utilities	Utilities	DOL
950-01200	Design	Design	DOL
950-01300	Roadway	Roadway	DOL
950-01400	Earthwork	Earthwork	DOL
950-01500	Bridges and Major Structures	Bridges and Major Structures	DOL
950-01600	CBE Eligible Prospect Road Bridge Interchange	CBE Ellig Prspct Rd Brdg Intrchnng	DOL
950-01601	CBE Eligible Hillsboro	CBE Eligible Hillsboro	DOL
950-01700	Walls	Walls	DOL
950-01800	Environmental	Environmental	DOL
950-01900	Signing, Pavement Marking, Signalization, Lighting	Sign, Pvmt Mkg, Signalization, Lighting	DOL
950-02000	ITS and Tolling	ITS and Tolling	DOL
950-02100	Maintenance During Construction	Maintenance During Construction	DOL
950-02200	Bus Rapid Transit Facilities	Bus Rapid Transit Facilities	DOL
950-02300	Port of Entry	Port of Entry	DOL