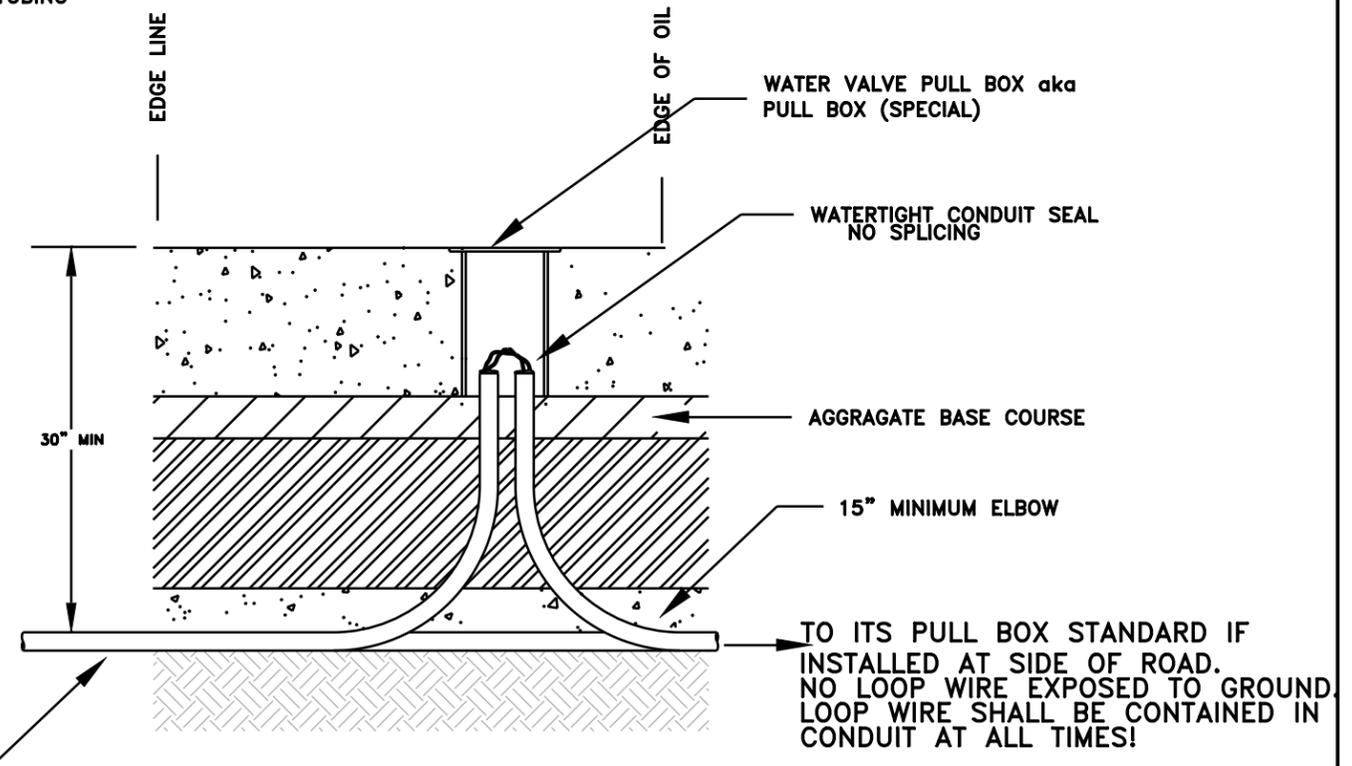
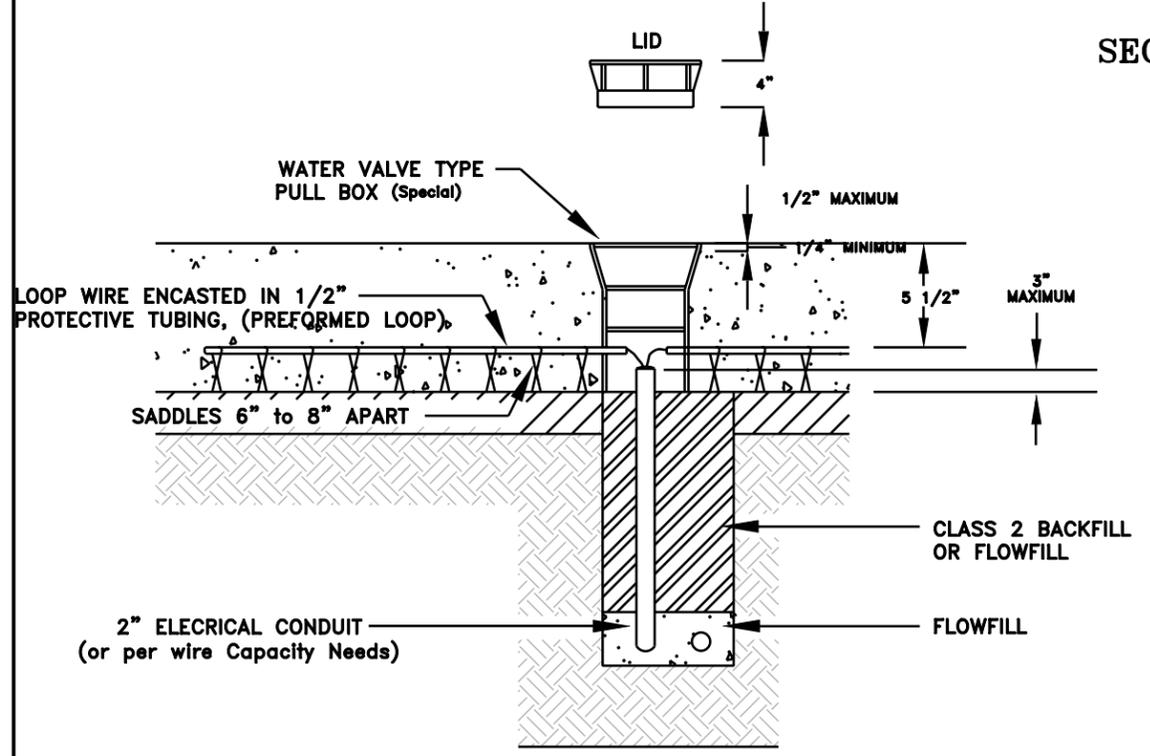


GENERAL NOTES

1. WATER VALVE TYPE JUNCTION BOX SHALL BE A WATER VALVE STEM TYPE MADE OF CAST IRON, STEEL OR ALUMINUM. THE JUNCTION BOX SHALL HAVE THE CAPABILITY TO ACCEPT RISER RINGS FOR FUTURE OVERLAYS. THE LID SHALL HAVE THE WORD "TRAFFIC" IMPRINTED ON THE TOP.
2. 24" MINIMUM SLACK OF BOTH FEED AND LOOP DETECTOR WIRE SHALL BE PROVIDED AT THE ROADSIDE PULL BOX (POLYMERE) FOR ALL TESTING AND SPLICING.
3. JUNCTION BOX LID SHALL BE SEALED WATER TIGHT WITH CAULK AND BOLTED.
4. THE JUNCTION BOX SHALL BE LOCATED 4" FROM THE EDGE OF OIL.
5. TRANSVERSE JOINT SPACING SHALL BE ADJUSTED TO A MINIMUM OF ONE FOOT FROM THE EDGE OF THE JUNCTION BOX.
6. A MAXIMUM OF FOUR (4) PREFORMED LOOP WIRES SHALL BE PLACED IN ONE 2" ELECTRICAL CONDUIT RUN.

PREFORMED VEHICLE LOOP NOTES

1. LOOP DETECTOR WIRE SHALL BE FULLY ENCLOSED IN A PROTECTIVE TUBING CONSTRUCTED OF A CROSS-LINKED PLOYETHYLENE MATERIAL OR EQUIVALENT.
2. LOOP DETECTOR WIRE SHALL BE ONE CONTINUOUS LENGTH OF NO 18 AWG WIRE OR LARGER, NOT TO EXCEED NO 14 AWG FROM THE JUNCTION BOX AROUND THE LOOP WITH THE NUMBER OF TURNS SPECIFIED AND BACK TO THE JUNCTION BOX.
3. MINIMUM INDUCTANCE VALUE SHALL BE 100 MICROHENRIES
4. ALL LOOPS SHALL HAVE FOUR (4) TURNS OF LOOP DETECTOR WIRE PER PREFORMED LOOP.
5. LOOP DETECTOR WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT PLAN DETAILS AND PROJECT SPECIAL PROVISIONS. A COMPLETE INSTALLATION SHALL CONSIST OF A CONDUCTOR LOOP WIRE ENCASED IN A 1/2" CONDUIT, PLACED IN POSITION PRIOR TO PLACEMENT OF CONCRETE PAVEMENT AREA. CARE SHALL BE TAKEN TO INSURE THAT CONDUIT DOES NOT FLOAT.
6. VEHICLE LOOP DETECTORS DEPICTED ON THESE SHEETS SHALL BE PAID FOR AS ITEM 814 LOOP DETECTOR WIRE (PREFAB)(SPECIAL).
7. ALL SPLICES AND CONDUIT SHALL BE WATERTIGHT.



SECTION A-A

SECTION B-B

Print Date: 6/22/2010		Sheet Revisions			Colorado Department of Transportation 425 C Corporate Circle Golden, CO 80401 Phone: 303-512-5801 FAX: 303-512-5878 HQ ITS Branch	As Constructed		Preformed Loop Project Standard		Project No./Code	
File Name: Preformed Loop Standard.dgn		Date:	Comments	Init.		No Revisions:	Designer: JKS		Structure	X-XX-XX	Project Number
Horiz. Scale: 1:50 Vert. Scale: As Noted						Revised:	Detailer: JKS		Numbers	X-XX-XX	SA
Unit Information Unit Leader Initials						Void:	Sheet Subset: ITS		Subset Sheets:	1 of 2	Sheet Number

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