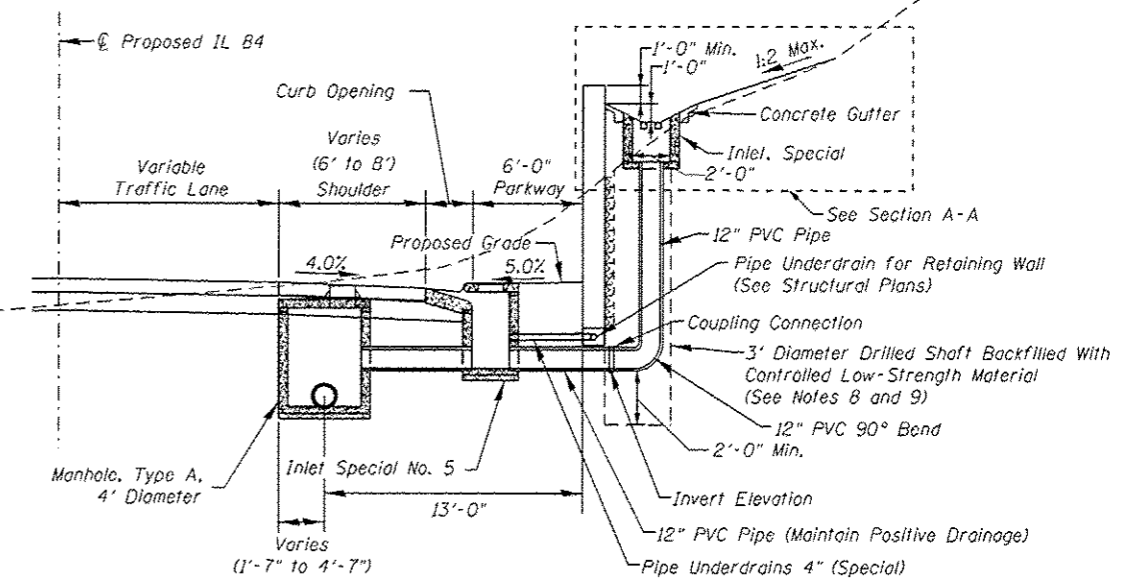
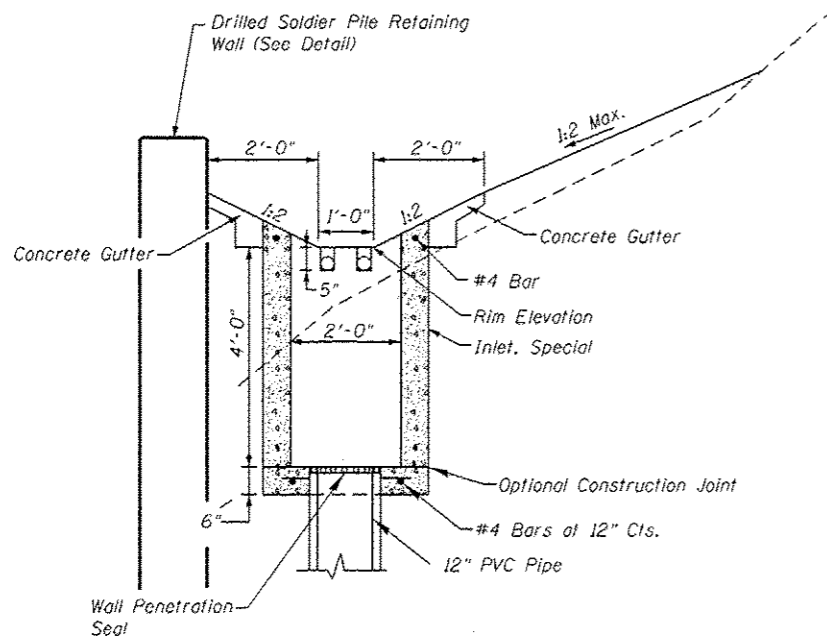


PLAN VIEW



**CROSS SECTION VIEW
(Through Inlet)**



SECTION A-A

NOTES:

- 1) EXCEPT AS NOTED HEREIN INLETS, SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- 2) THE CONTRACT UNIT PRICE "EACH" FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE 3" DIA. GALVANIZED STEEL PIPE, THE PRECAST FLOOR SLAB, WELDED WIRE FABRIC, REINFORCEMENT BARS, WALL PENETRATION SEAL, DRILLED SHAFT AND CONTROLLED LOW-STRENGTH MATERIAL BACKFILL.
- 3) CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 PSI) AFTER 28 DAYS.
- 4) REINFORCEMENT BARS SHALL CONFORM TO A.S.T.M. A-53 (TYPE E OR S) GRADE B, SCHEDULE 40, AND SHALL BE GALVANIZED CONFORMING TO A.S.T.M. A-120.
- 5) 12" PVC PIPE SHALL MEET THE REQUIREMENTS OF SECTION 1040.03(a) OF THE STANDARD SPECIFICATIONS.
- 6) THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.
- 7) ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR EVALUATING THE SOIL CONDITIONS AND MAINTAINING SIDEWALL STABILITY OF THE HOLES DRILLED FOR THE INSTALLATION OF THE INLETS BEHIND THE RETAINING WALL. THE COST ASSOCIATED WITH MAINTAINING STABILITY OF THE SIDEWALLS, UNCOVERING THE INVERT OF THE INLET PIPE, AND THE BACKFILL CONTROLLED LOW-STRENGTH MATERIAL SHALL BE INCLUDED IN THE COST OF INLETS, SPECIAL. ALTERNATIVE METHODS OF INSTALLATION, IF DESIRED BY THE CONTRACTOR, MUST BE APPROVED BY THE ENGINEER.
- 9) SHAFT EXCAVATION, SIDEWALL STABILITY METHODS AND CONTROLLED LOW-STRENGTH MATERIAL, IF USED, SHALL MEET THE REQUIREMENTS OF THE APPLICABLE SECTION OF THE SPECIAL PROVISION FOR DRILLED SOLDIER PILE RETAINING WALL.
- 10) WALL PENETRATION SEAL SHALL BE USED AT THE CONNECTION POINT BETWEEN THE INLET, SPECIAL AND 12" PVC VERTICAL OUTLET PIPE.

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USER NAME : P0057200	DESIGNED - GR	REVIS 1 JB 8/25/15
PLLOT SCALE = 18.0000 / in.	DRAWN - GR	REVIS -
PLLOT DATE = 8/25/2015	CHECKED - ML	REVIS -
	DATE - 03-12-2015	REVIS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS
RETAINING WALL INLET DETAIL**

SCALE:	SHEET 06 OF 07 SHEETS	STA. TO STA.	F.A.P. RTE. 17	SECTION 1048-2	COUNTY CARROLL/JACKSON	TOTAL SHEETS 528	SHEET NO. 135
			FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT				

CONTRACT NO. 64059