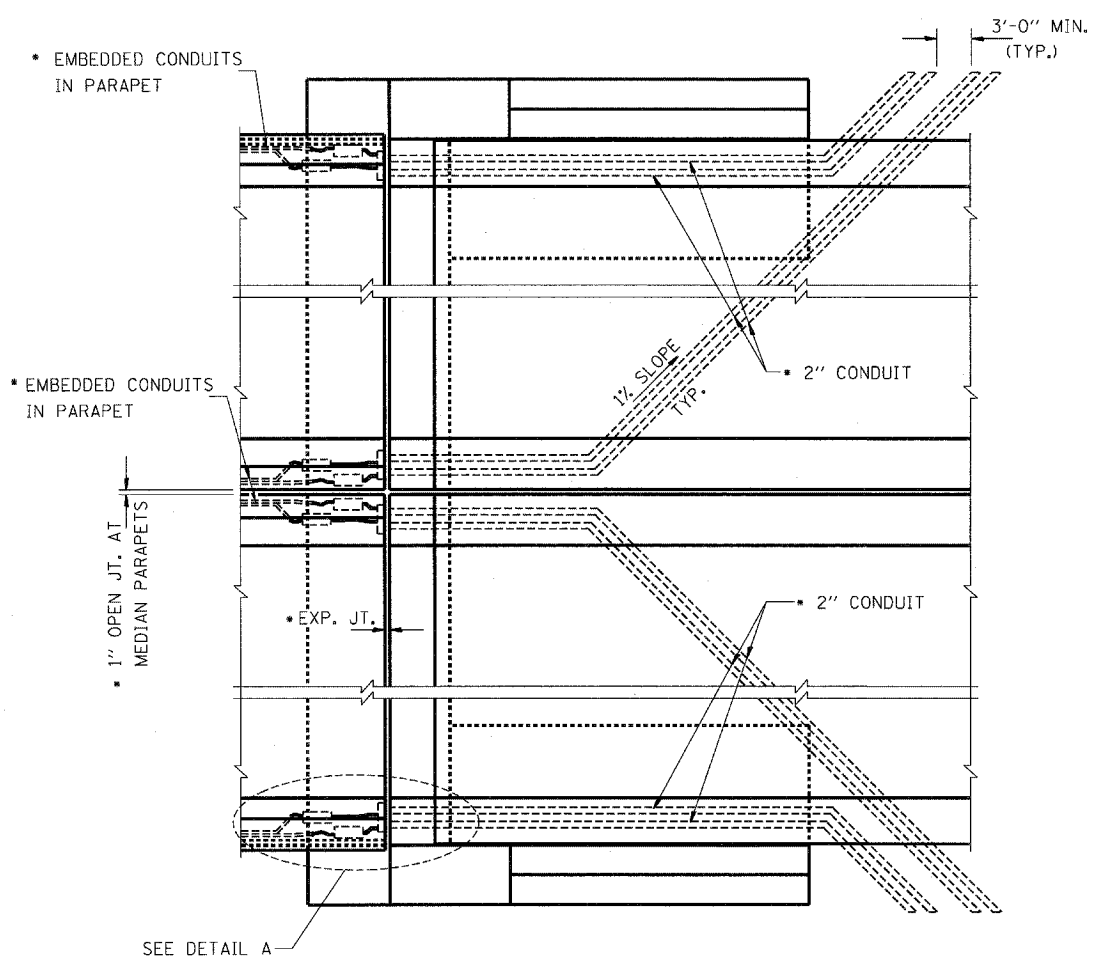
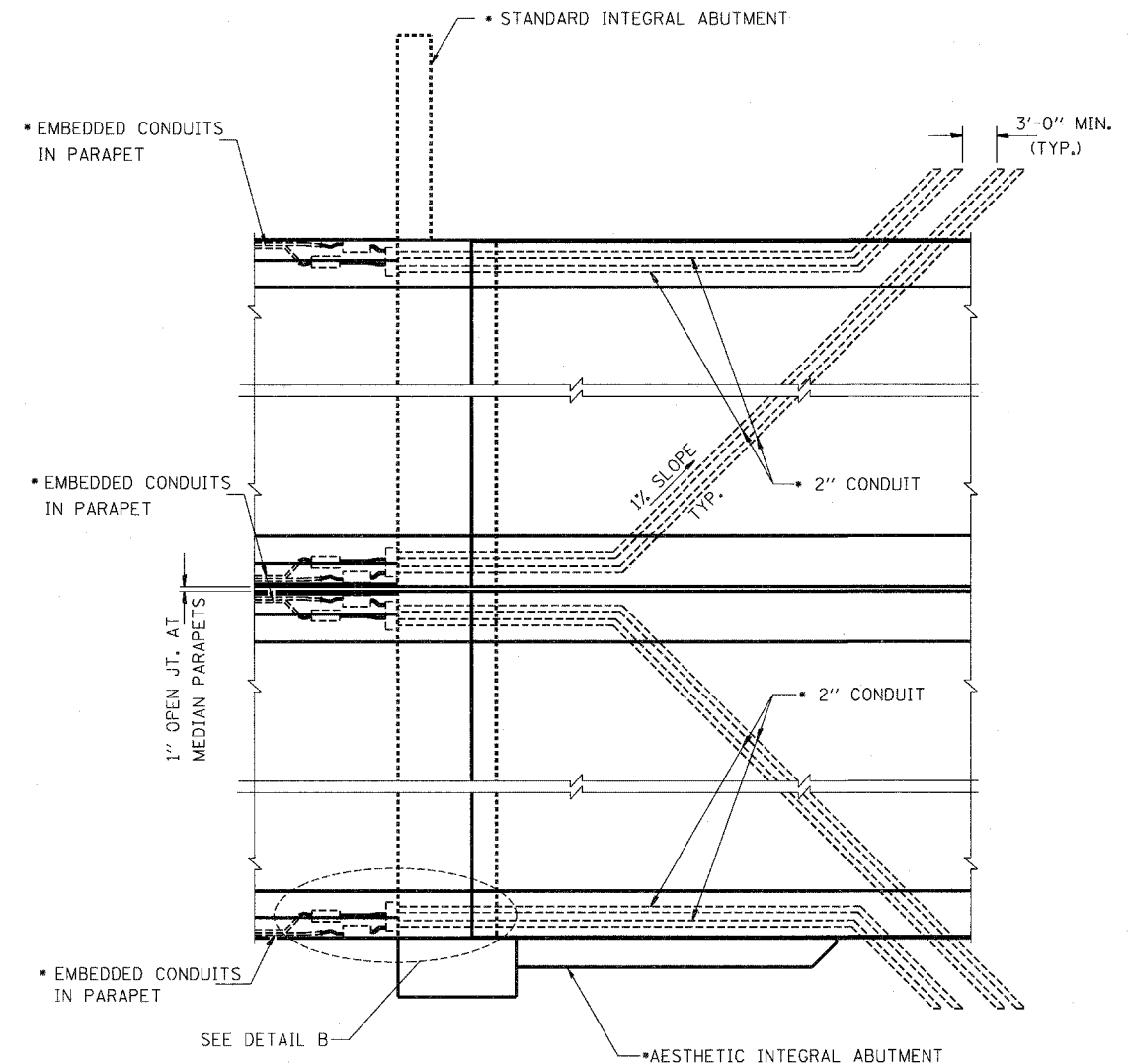


SECTION 11, B09B01, 11-24-2011, 1056854
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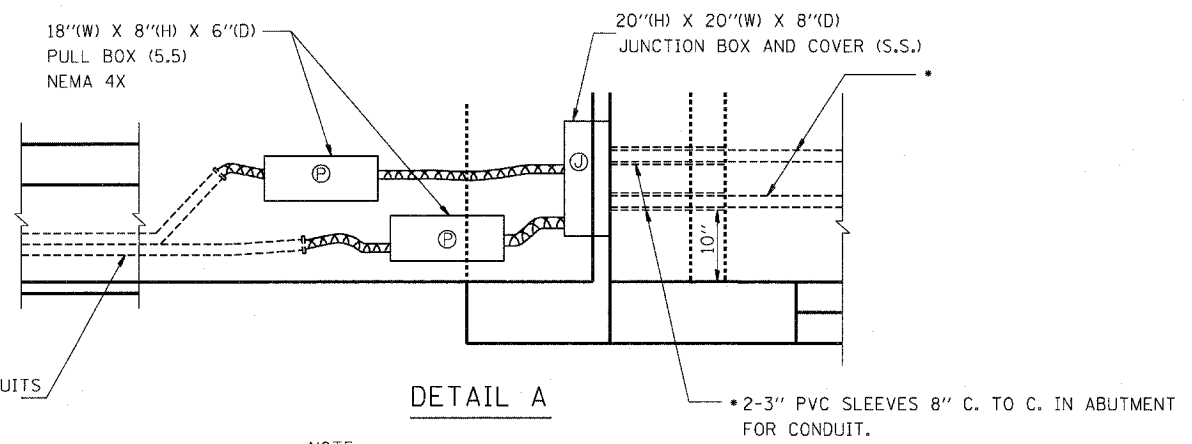
PLAN AT CONVENTIONAL ABUTMENTS



PLAN AT INTEGRAL ABUTMENTS

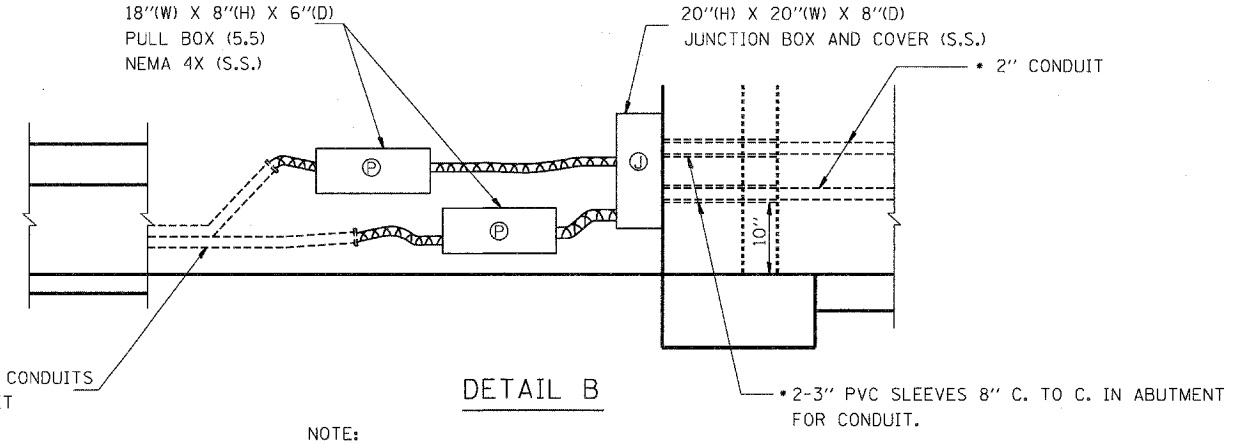
NOTES:

1. 2" PVC SHALL HAVE MINIMUM BENDING RADIUS OF 10".
2. 2" FLEXIBLE CONDUIT SHALL BE 24" (MIN.) IN LENGTH. IT SHALL HAVE SUFFICIENT SLACK TO ALLOW DESIGNED DEFLECTION AND EXPANSION. THESE DIMENSIONS (SLACK) CAN BE OBTAINED FROM THE RESIDENT ENGINEER.
3. ALL JUNCTION BOXES AND PULL BOXES ATTACHED TO THE STRUCTURE SHALL BE STAINLESS STEEL NEMA 4X (PER ARTICLE 1088.04), SIZE AS SPECIFIED. THE DOOR SHALL HAVE A STAINLESS STEEL CONTINUOUS HINGE PIN AND CLAMP ASSEMBLY.
4. THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAM, DECK OR SUPERSTRUCTURE OF THE BRIDGE OR WELD TO THE STRUCTURE UNLESS SPECIFIED BY THE ENGINEER.
5. THE MAXIMUM SPACING OF PULL BOXES SHALL BE 310'-0".
6. ALL JUNCTION BOXES SHALL HAVE A 1 1/2" Ø WIRE MESH DRAIN IN THE BOTTOM.
7. ALL JUNCTION BOXES SHALL BE EQUIPPED WITH A PADLOCK.
8. LIQUID-TIGHT FLEXIBLE METAL CONDUIT WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE CONSIDERED AS INCLUDED IN THE BID PRICE FOR PULL BOX 18"x8"x6"



DETAIL A

NOTE:
 PULL BOX TO BE PAID FOR WITH CORRESPONDING JUNCTION BOX PAY ITEM (TYP.)



DETAIL B

NOTE:
 PULL BOX TO BE PAID FOR WITH CORRESPONDING JUNCTION BOX PAY ITEM (TYP.)

LOCATION

TYPICAL DETAIL AT 1ST STREET BRIDGE

- = BY OTHERS
- Ⓟ = PULL BOX
- Ⓜ = JUNCTION BOX

FILE NAME =	USER NAME = #USER#	DESIGNED - KRR	REVISED -	STATE OF ILLINOIS	CONDUIT DETAILS 2	F.A.P. RTE. 998	SECTION 82-2-1K	COUNTY ST. CLAIR	TOTAL SHEETS 353	SHEET NO. 257
FILE#		DRAWN - ARM	REVISED -	DEPARTMENT OF TRANSPORTATION						
		CHECKED - KRR	REVISED -	PROPOSED RELOCATED IL ROUTE 3 INTERCHANGE						
		DATE - 10/21/11	REVISED -		SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS										CONTRACT NO. 76E06