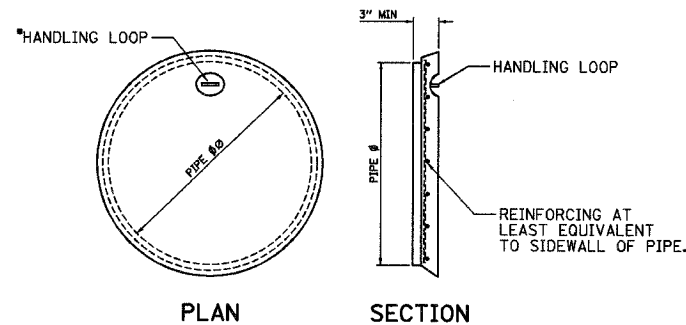


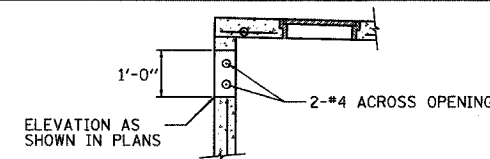
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
7814	05-00186-01-PV	ADAMS	78 43
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



*THE HANDLING LOOP MAY BE OMITTED WHEN THE CAP IS PLACED IN A BURIED INSTALLATION.

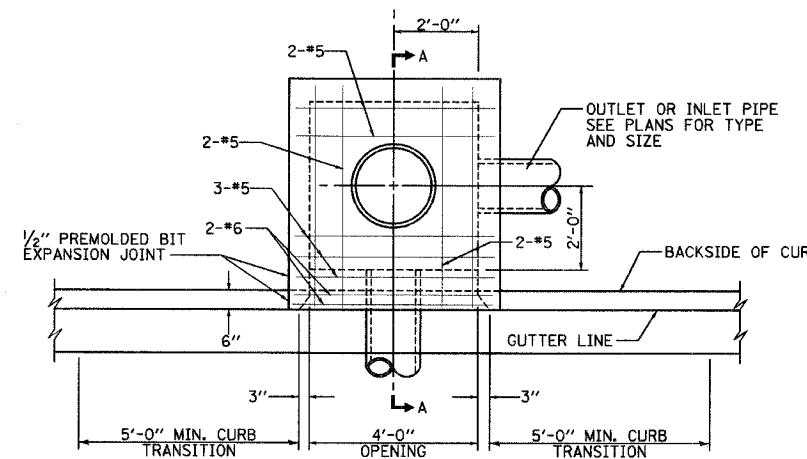
COST OF FURNISHING AND INSTALLING CONCRETE PIPE TEE PLUG TO BE INCLUDED IN THE PAY ITEM "PIPE TEE" OF THE SIZE SPECIFIED.

DETAILS OF CONCRETE PIPE TEE PLUG



COST TO PROVIDE OPENING IN INLET TO BE INCLUDED IN THE COST OF THE PAY ITEM "INLET, SPECIAL, TYPE E"

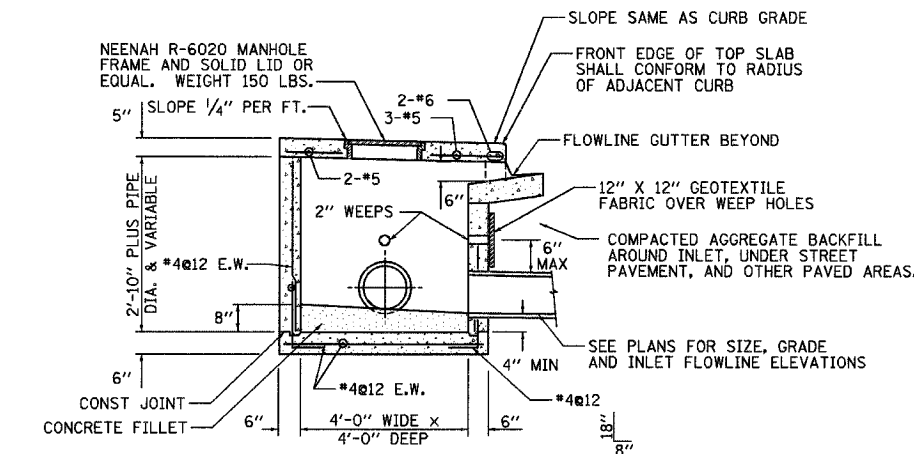
4'-0" X 1'-0" OPENING DETAIL
TYPE E INLET @ EX HARRISON STA 105+06 RT



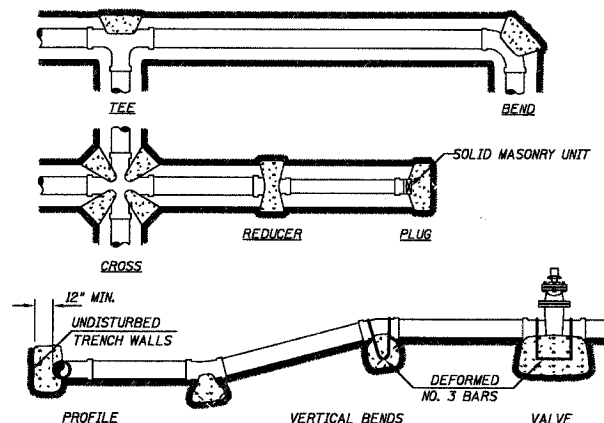
PLAN

STATION OFFSET CALL OUT IS THE CENTER OF INLET AND THE BACK OF CURB.

INLET, SPECIAL, TYPE E
NOT TO SCALE



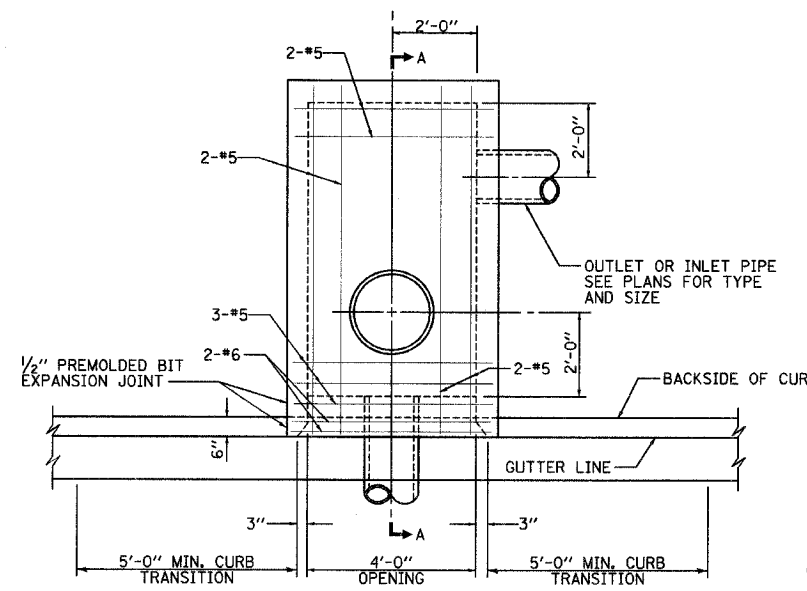
SECTION A-A



PIPE DIA.	BENDS		REDUCER	CROSS, TEE, PLUG AND VALVE
	11 1/4° & 22 1/2°	45° 90°		
2"	0.25	0.5	1	0.25
4"	0.5	1	2	0.75
6"	1	2	4	1.75
8"	2	4	7	2.75
10"	3	6	11.5	3.75
12"	4.5	9	16	4.75

1. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE = 3000 PSI.
2. DESIGN TEST PRESSURE = 100 PSI - 50% FOR IMPACT.
3. DESIGN SOIL BEARING CAPACITY = 2000 PSF.
4. CONCRETE FOR THRUST BLOCKS BASED ON SOIL HAVING A SAFE LOAD BEARING OF 2000 PSF. FOR SOFT SOIL, INCREASE BEARING AREA AND VOLUME OF THRUST BLOCK.

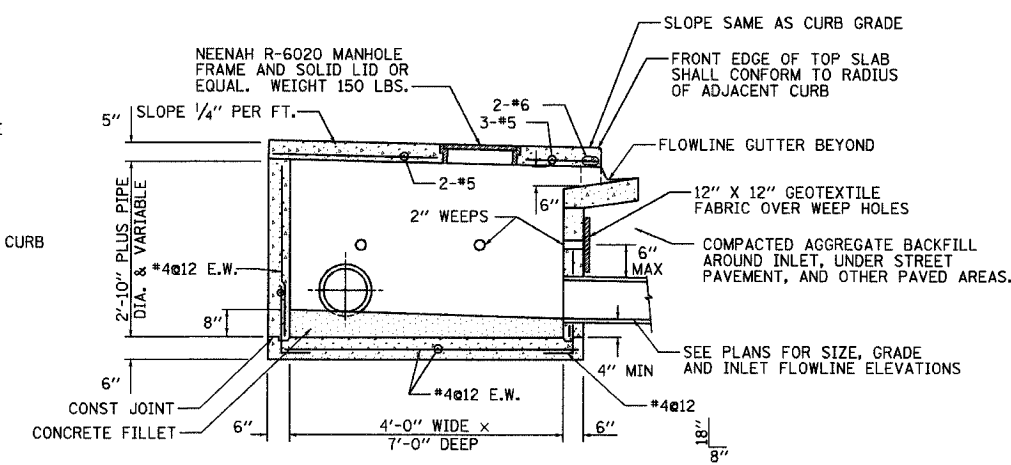
THRUST BLOCKS
NOT TO SCALE



PLAN

STATION OFFSET CALL OUT IS THE CENTER OF INLET AND THE BACK OF CURB.

INLET, SPECIAL
NOT TO SCALE



SECTION A-A

REVISIONS		
NAME	DATE	
TITLE BLOCK - SEB	9/26/05	
TY E OPENING - SEB	1/10/06	

MISCELLANEOUS DETAILS
DRAINAGE STRUCTURES
& THRUST BLOCKS
FAU 7814 (HARRISON STREET)
SECTION 05-00186-01-PV
ADAMS COUNTY
SCALE: NONE DRAWN BY SEB
DATE 9/12/05 CHECKED BY SRW

FAU 7814 (HARRISON STREET) SECTION 05-00186-01-PV ADAMS COUNTY 9/12/05