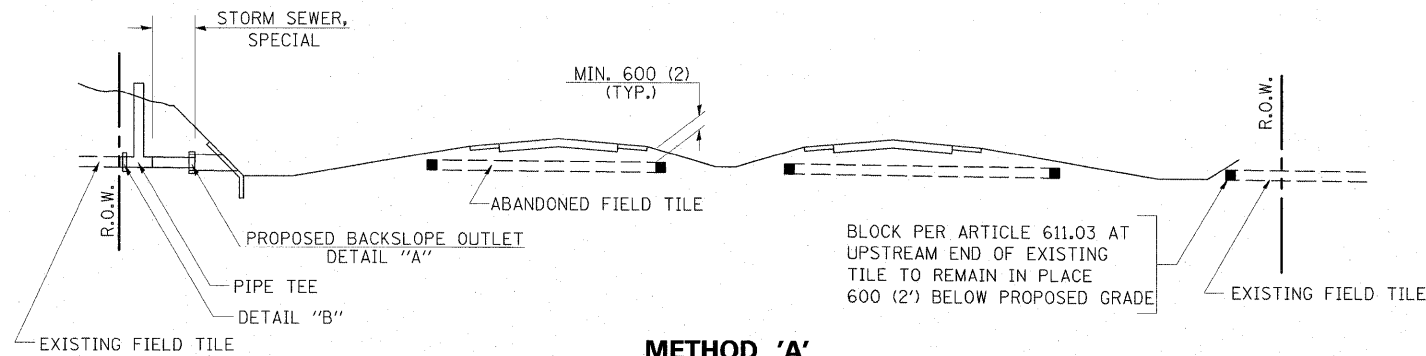


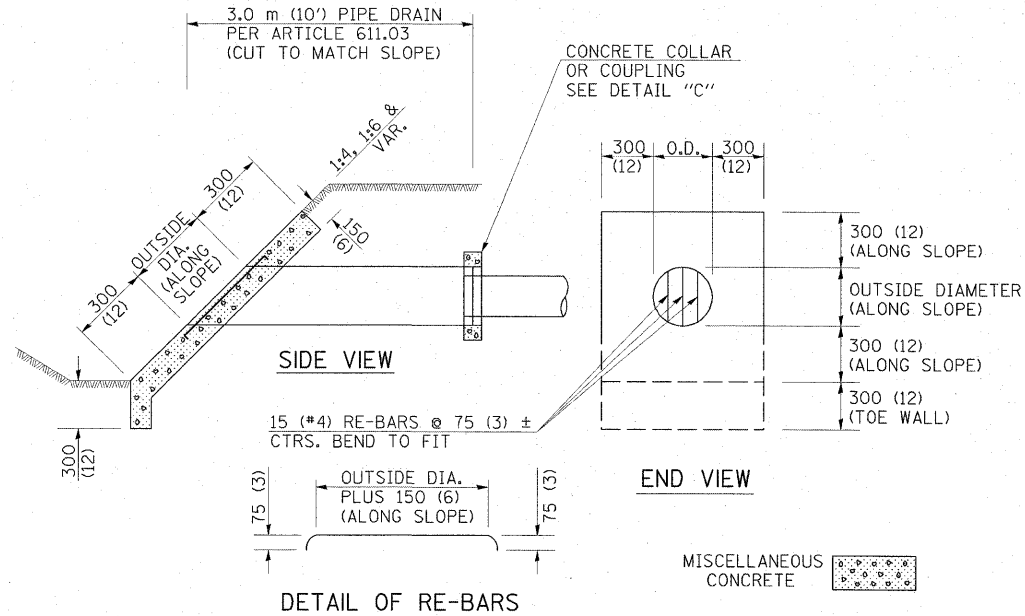
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	PIATT	53	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 08-00115-01-RS				
•• FAS 535				

DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS

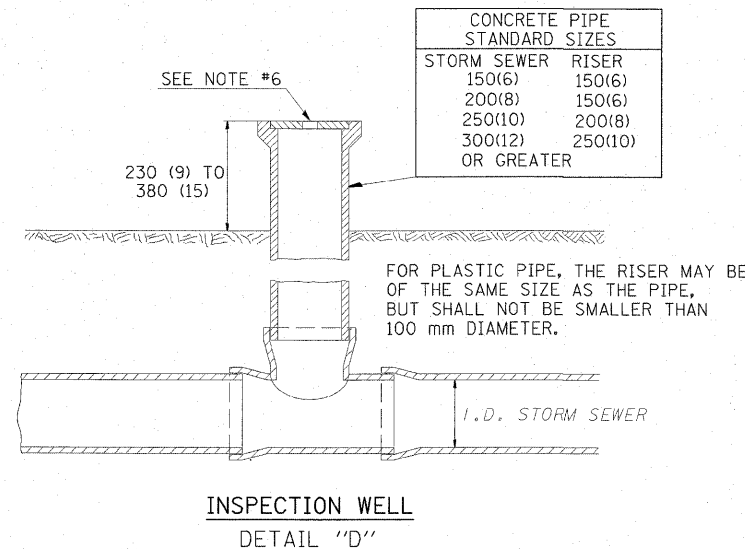
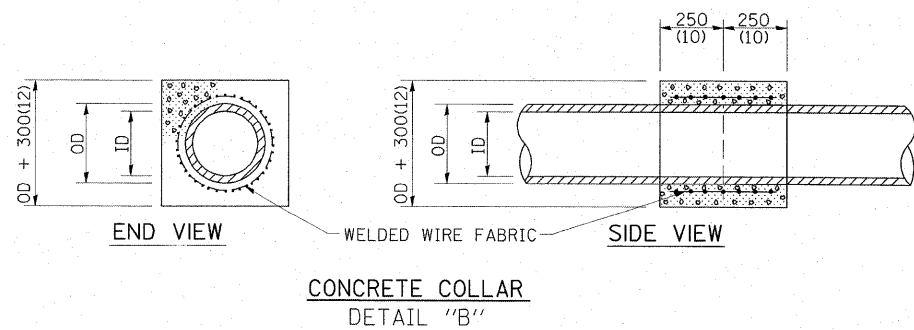


METHOD 'A'

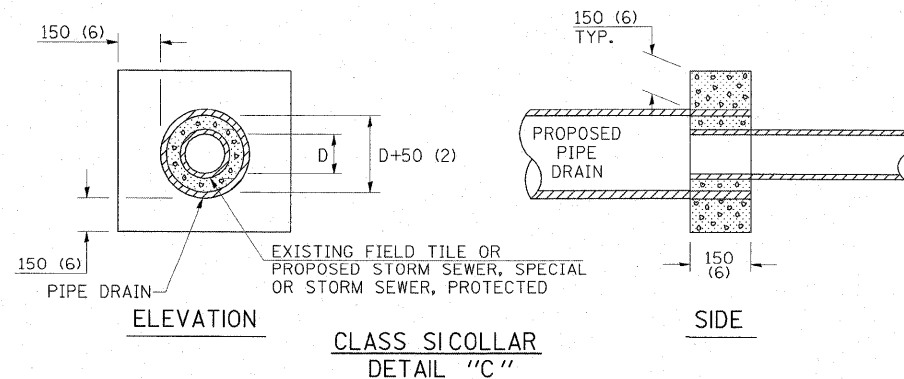
STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



HEADWALL FOR BACKSLOPE OUTLET - DETAIL "A"



INSPECTION WELL DETAIL "D"



GENERAL NOTES :

- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- ABANDONED FIELD TILE NOT UNDER PAVEMENT OR PAVED SHOULDERS SHALL BE PLUGGED, ACCORDING TO ARTICLE 611.03.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- INSPECTION WELLS SHALL BE OF THE SAME MATERIAL AS THE STORM SEWER.
- INSPECTION WELLS SHALL BE PLACED APPROXIMATELY 150 (6) INSIDE OF BOTH R.O.W. LINES AT THE LOCATIONS SHOWN ON THE PLANS.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 10 (3/8) CAST IRON AND PROVIDED WITH A 25 (1) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.
- EXISTING FIELD TILE TO BE DRAINED VIA THE BACKSLOPE SHALL BE ADJUSTED TO OUTLET ABOUT 150 (6) ABOVE DITCH FLOW LINE, IF POSSIBLE.
- THE EXISTING FIELD TILE SHALL BE CONNECTED TO PIPE DRAIN OR STORM SEWER, SPECIAL BY A P.C. CONCRETE CLASS SI COLLAR AS DIRECTED BY THE ENGINEER.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 250 (10). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- ALL DETAILS SHOWN MAY NOT BE APPLICABLE TO THIS PROJECT.

ESCA
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/09
DRAWN BY:	cj/HAS	01/09
CHECKED BY:	ELH	04/09
APPROVED BY:	RDP	04/09

FIELD TILE DETAILS
FAS 535 (SHADY REST ROAD)
SECTION 08-00115-01-RS
PIATT COUNTY