

NOTES:

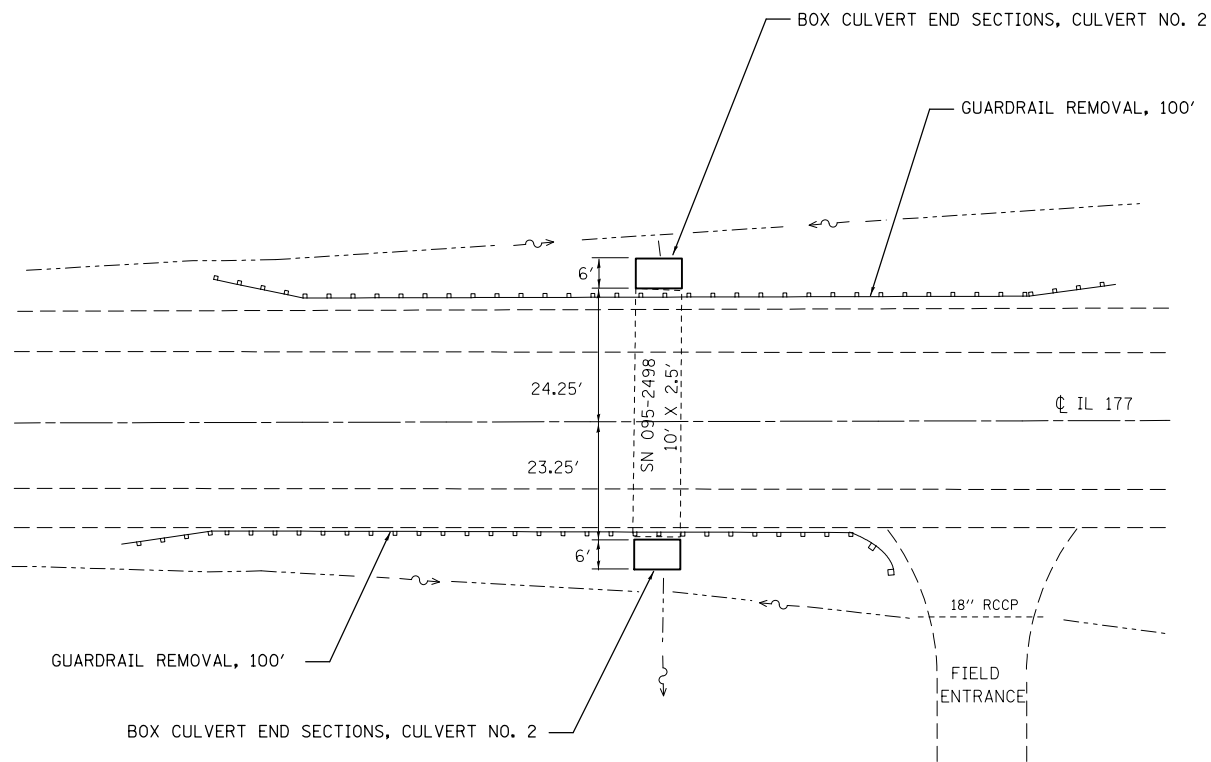
SHOP DRAWINGS FOR THE BOX CULVERT END SECTIONS AND PIPE GRATE SHALL BE SUBMITTED IN ACCORDANCE WITH ARTICLE 1042.03 OF THE STANDARD SPECIFICATIONS. EXAMPLE DETAILS SHOWN ON SHEETS NO. 38 AND 39 SHALL BE MODIFIED AS NECESSARY TO FIT THE EXISTING 10' X 2.5' BOX CULVERT WITH DEPARTMENT APPROVAL.

DETAILS FOR THE CONCRETE COLLAR ARE LOCATED ON SHEET NO. 37.

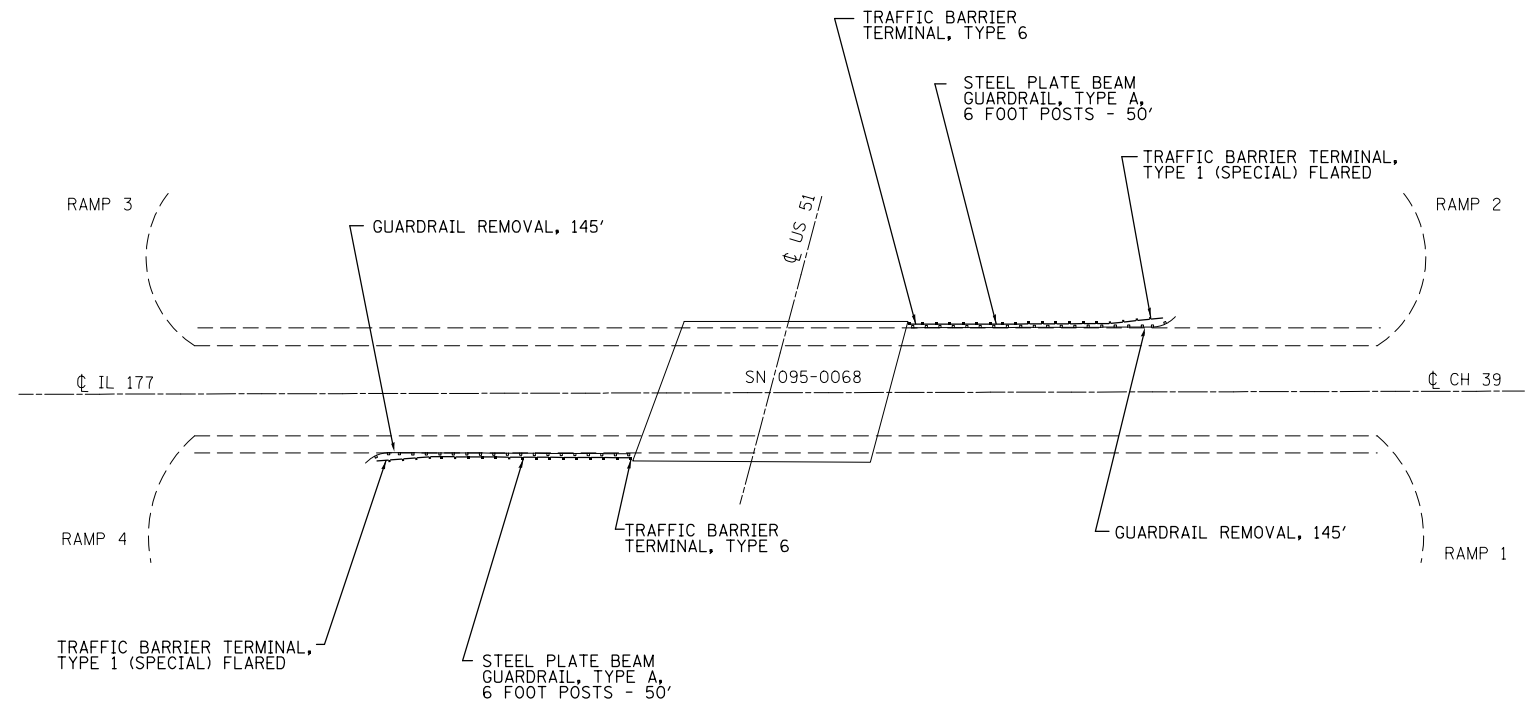
MODIFICATIONS TO THE EXISTING CULVERT (HEADWALL REMOVAL, WINGWALL REMOVAL, REPAIRS, ETC.) AS NEEDED FOR INSTALLATION OF THE PROPOSED BOX CULVERT END SECTIONS SHALL BE INCLUDED IN THE COST OF BOX CULVERT END SECTIONS, CULVERT NO. 1. ANY REGRADING OF THE DITCH LINE NECESSARY TO INSURE ADEQUATE FLOW TO THE BOX CULVERT SHALL ALSO BE INCLUDED IN THIS WORK.

A MINIMUM OF 6" OF POROUS GRANULAR MATERIAL SHALL BE PLACED BENEATH THE PROPOSED END SECTIONS AS DESCRIBED IN SECTION 540 OF THE STANDARD SPECIFICATIONS. THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE COST OF BOX CULVERT END SECTIONS, CULVERT NO. 1.

FURNISHED EXCAVATION WILL BE NEEDED AT THE COMPLETED END SECTIONS FOR COVER AND TO BLEND INTO THE EXISTING FRONT SLOPE FOR A FINISHED GRADE OF 1:3 OR FLATTER.



PROPOSED BOX CULVERT END SECTIONS AT SN 095-2498  
STA. 87+53.4



GUARDRAIL AT SN 095-0068  
IL 177 OVER US 51

FILE NAME =	USER NAME = mlcsmr	DESIGNED -	REVISED -
et:\pwork\pwork\mlcsmr\d0345201\d87661-sht-plen.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 2/6/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BOX CULVERT END SECTION AND GUARDRAIL DETAILS  
LOCATION NO. 2

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109,110)RS-1, 31-2RS	WASHINGTON	40	33
•	FAP 690/FAS 819/FAP 322	CONTRACT NO. 76G61		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				