

# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #13 STA. 10 + 35.00

### BILL OF MATERIALS

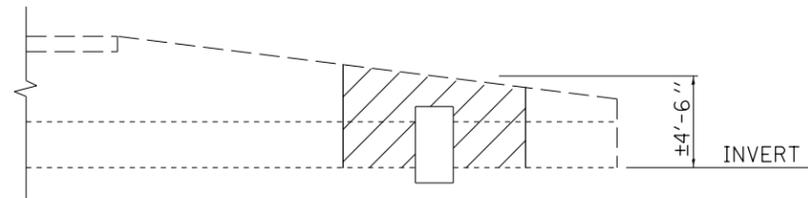
**NOTE:**

THE EXISTING STRUCTURE AT STATION 10+35.00 CONSISTS OF A 30" PIPE CULVERT, TYPE 2, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THE LAST JOINT ON EACH END OF THE CULVERT HAS SEPARATED AND IS CAUSING A SINKHOLE IN THE FORESLOPE.

THE PROPOSED SCOPE OF WORK IS TO EXCAVATE TO A DEPTH SUFFICIENT ENOUGH TO CONSTRUCT A CONCRETE COLLAR AROUND THE SEPARATED JOINT. THE COST OF THE EARTH EXCAVATION WILL BE PAID FOR SEPARATELY, BUT SHALL NOT EXCEED THE QUANTITY SPECIFIED. ANY EXCAVATION OUTSIDE THE LIMITS SHOWN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

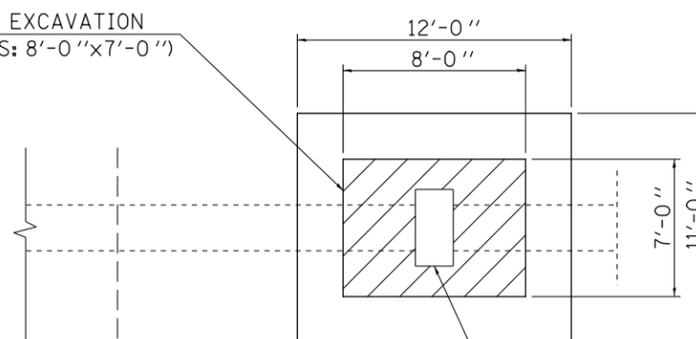
LOCATION # 13; STATION 10+35.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	18.70
25000210	SEEDING, CLASS 2A	ACRE	0.006
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.54
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.54
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.54
25100115	MULCH, METHOD 2	ACRE	0.006
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.60
54248510	CONCRETE COLLAR	CU YD	1.14



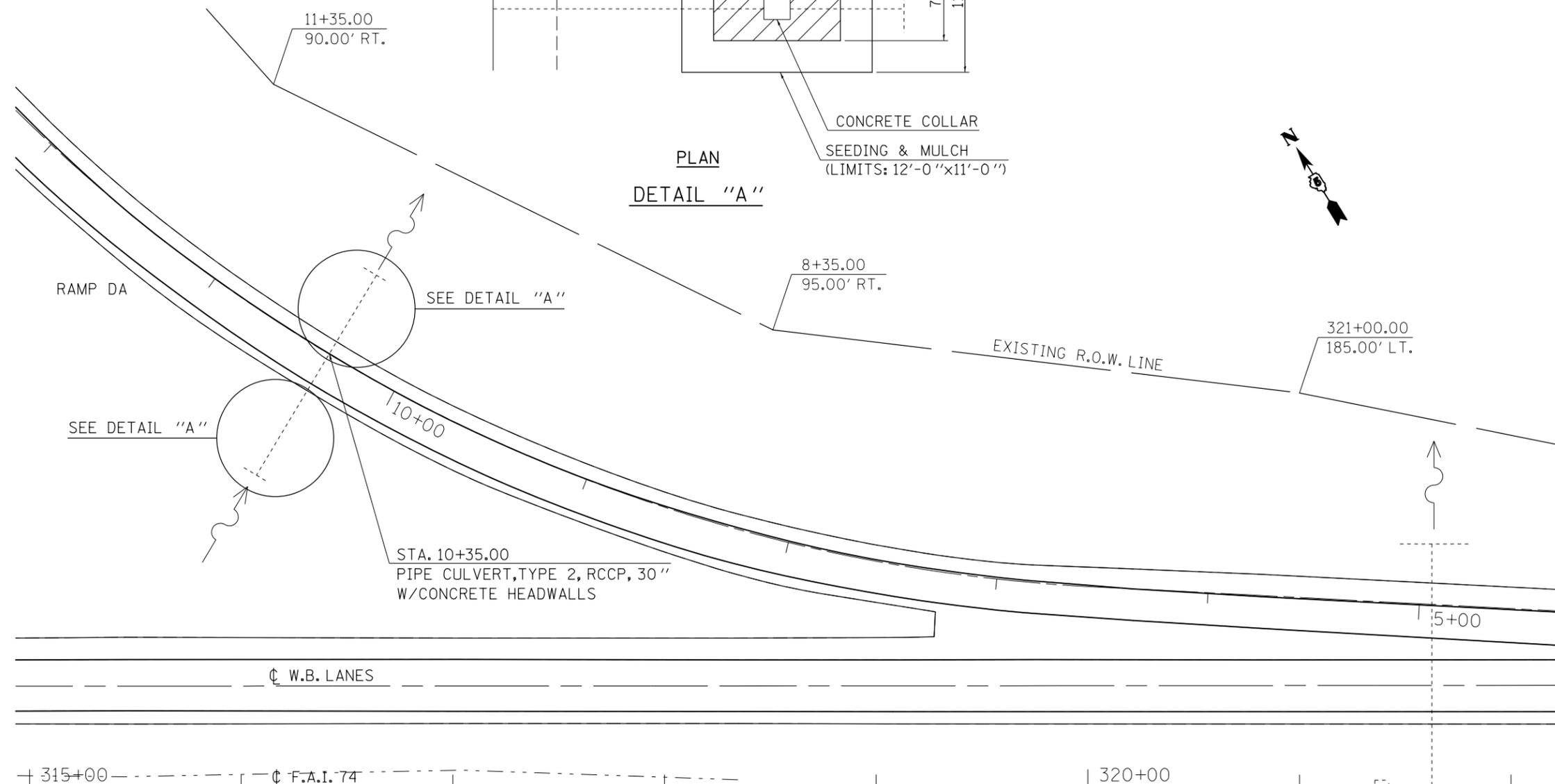
PROFILE

EARTH EXCAVATION  
(LIMITS: 8'-0" x 7'-0")



PLAN  
DETAIL "A"

EARTH EXCAVATION



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
et:\pwork\pwork\personbr\d0184863\0570648-shit-str_impr.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 60.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 8/25/2011		DATE - 07/11/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE STRUCTURE IMPROVEMENT DETAIL  
LOCATION #13 STA. 10 + 35.00**

SCALE: 1" = 30'    SHEET NO. 1 OF 1 SHEETS    STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	115
CONTRACT NO. 70648				
ILLINOIS FED. AID PROJECT				