

# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #8 STA. 212+00.00

SHEET 1 OF 2

BILL OF MATERIALS

**NOTE:**

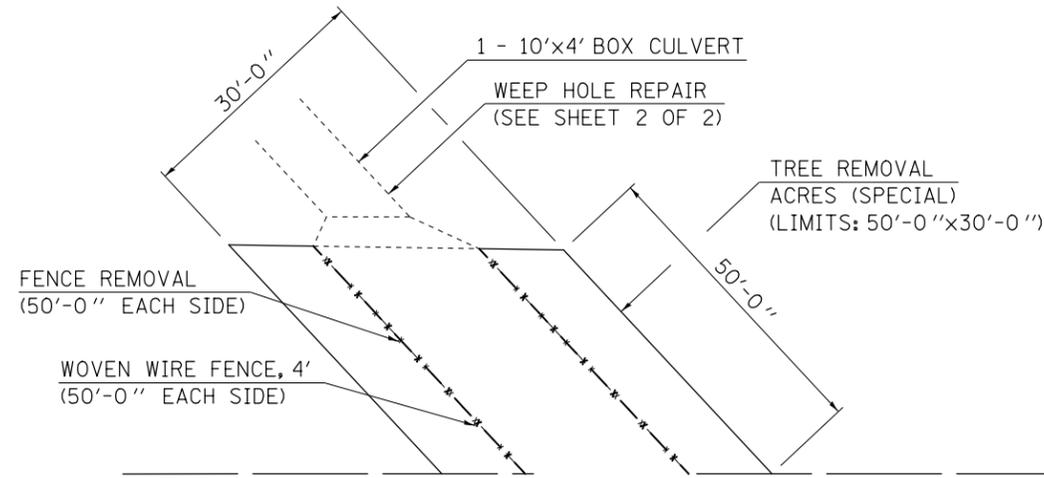
THE EXISTING STRUCTURE AT STATION 212+00.00 CONSISTS OF DUAL MEDIAN INLET BOXES WITH 15" CMP CULVERTS THAT DRAIN INTO A 10' X 4' CONCRETE BOX CULVERT. THE STRUCTURE IS IN GOOD CONDITION, BUT THE WEEP HOLES AT THE SOUTHEAST END OF THE BOX CULVERT HAVE FAILED AND ARE CAUSING SINHOLES ALONG THE EDGE OF THE STRUCTURE. ALSO, THERE ARE SEVERAL SMALL TREES AND BRUSH GROWING AT THE DOWNSTREAM (SOUTH) END THAT ARE AFFECTING DRAINAGE.

THE PROPOSED SCOPE OF WORK IS TO EXCAVATE TO A DEPTH SUFFICIENT ENOUGH TO EXPOSE AND REPAIR THE FILTERS BEHIND THE BOX CULVERT WEEP HOLES AND TO REMOVE ALL THE TREES AND BRUSH BETWEEN THE DOWNSTREAM HEADWALL AND THE EXISTING R.O.W. LINE. THE COST OF THE EARTH EXCAVATION FOR THE WEEP HOLE REPAIRS WILL BE PAID FOR SEPARATELY, BUT SHALL NOT EXCEED THE QUANTITY SPECIFIED.

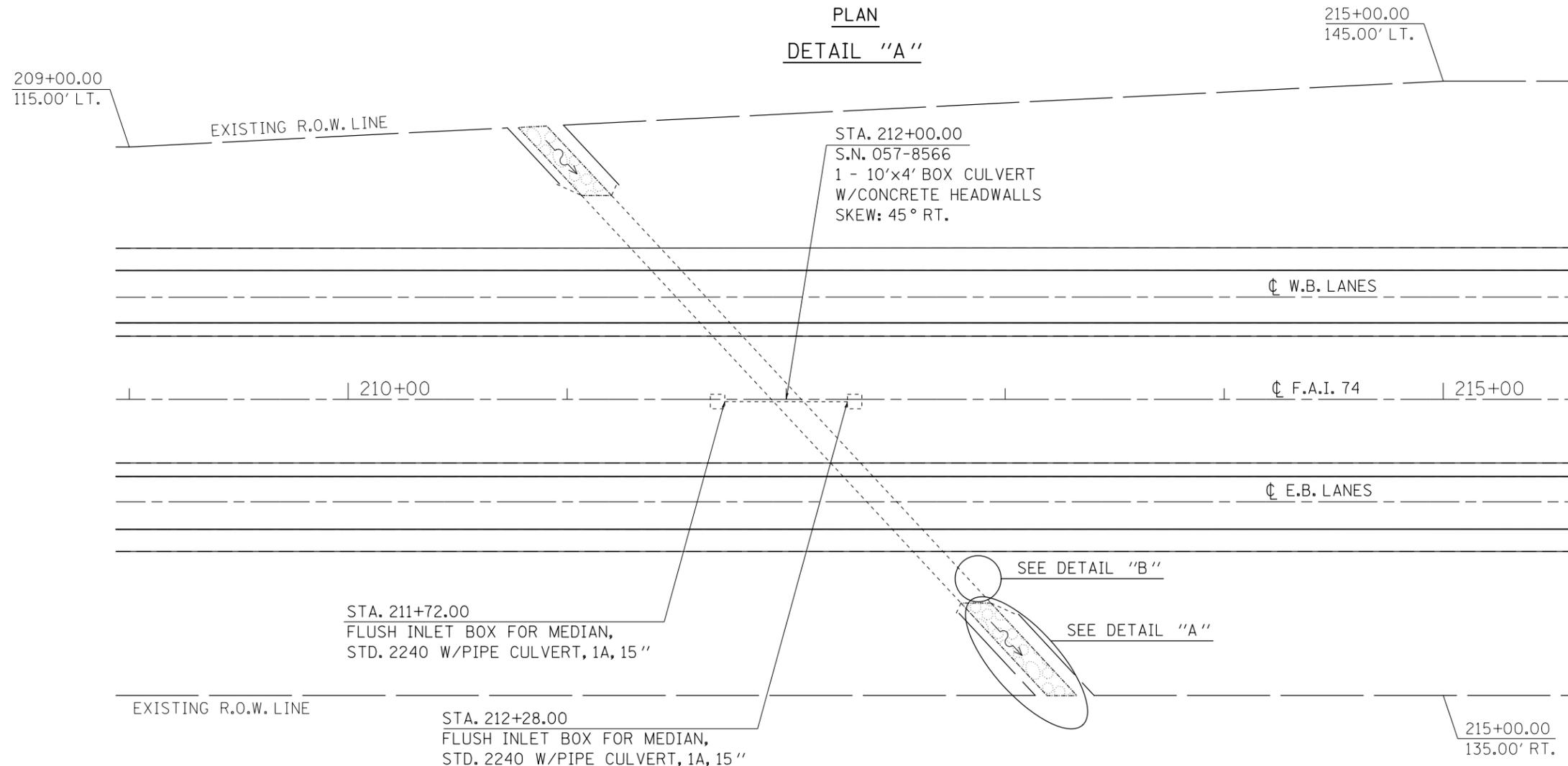
THE ACCESS CONTROL FENCE LOCATED ON EITHER SIDE OF THE DOWNSTREAM CHANNEL SHALL BE REMOVED AND REPLACED WITH WOVEN WIRE FENCE, 4'.

LOCATION # 8; STATION 212+00.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	4.40
25000210	SEEDING, CLASS 2A	ACRE	0.001
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.09
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.09
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.09
25100115	MULCH, METHOD 2	ACRE	0.001
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.10
28200200	FILTER FABRIC	SQ YD	16.00
66500105	WOVEN WIRE FENCE, 4'	FOOT	100.00
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.035
X3112700	COARSE AGGREGATE FILL	TON	6.00
Z0022800	FENCE REMOVAL	FOOT	100.00



PLAN  
DETAIL "A"



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE IMPROVEMENT DETAIL LOCATION #8 STA. 212+00.00</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\personbr\d0184863\0570648-shit-str_1mpr.dgn		DRAWN - BBP	REVISED -			74	(57-23,57-24)RS-1	MCLEAN	175	109	
PLOT SCALE = 60.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 70648					
PLOT DATE = 8/25/2011		DATE - 07/11/11	REVISED -			ILLINOIS FED. AID PROJECT					