

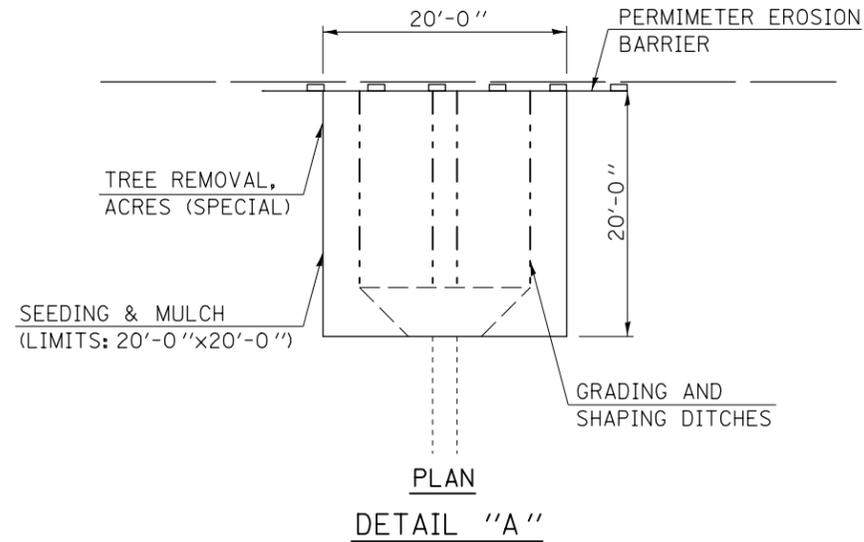
# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #2 STA. 1172 + 65.00

**NOTE:**

THE EXISTING STRUCTURE AT STATION 1172+65.00 CONSISTS OF A MEDIAN INLET BOX AND A 24" PIPE CULVERT, TYPE 2, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THERE ARE SEVERAL SMALL TREES GROWING AT THE DOWNSTREAM (NORTH) END OF THE STRUCTURE THAT ARE AFFECTING DRAINAGE.

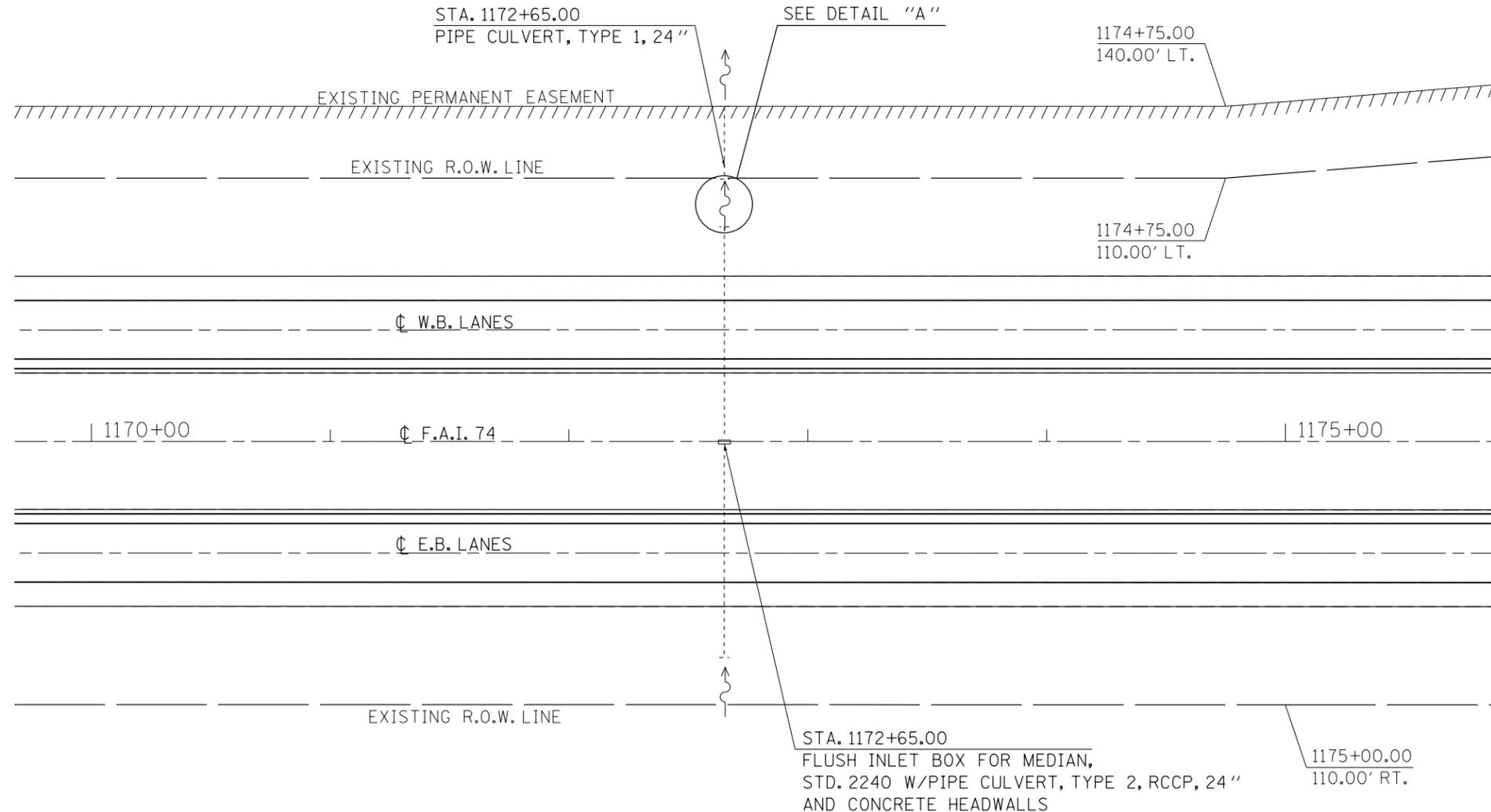
THE PROPOSED SCOPE OF WORK IS TO REMOVE ALL THE TREES AND BRUSH AND TO GRADE AND SHAPE THE DITCH BETWEEN THE DOWNSTREAM HEADWALL AND THE EXISTING R.O.W. LINE TO PROVIDE POSITIVE DRAINAGE.



**BILL OF MATERIALS**

LOCATION # 2; STATION 1172+65.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
21400100	GRADING AND SHAPING DITCHES	FOOT	20.00
25000210	SEEDING, CLASS 2A	ACRE	0.009
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.81
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.81
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.81
25100115	MULCH, METHOD 2	ACRE	0.009
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.90
28000400	PERIMETER EROSION BARRIER	FOOT	30.00
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.009



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
ct:\pw\work\p\dot\ppersonbr\d0184863\0570648-shit-str_1mpr.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 #2 STA. 1172 + 65.00**

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	103
CONTRACT NO. 70648				
ILLINOIS FED. AID PROJECT				