

# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #9 STA. 895 + 62

### S.N. 057-8558



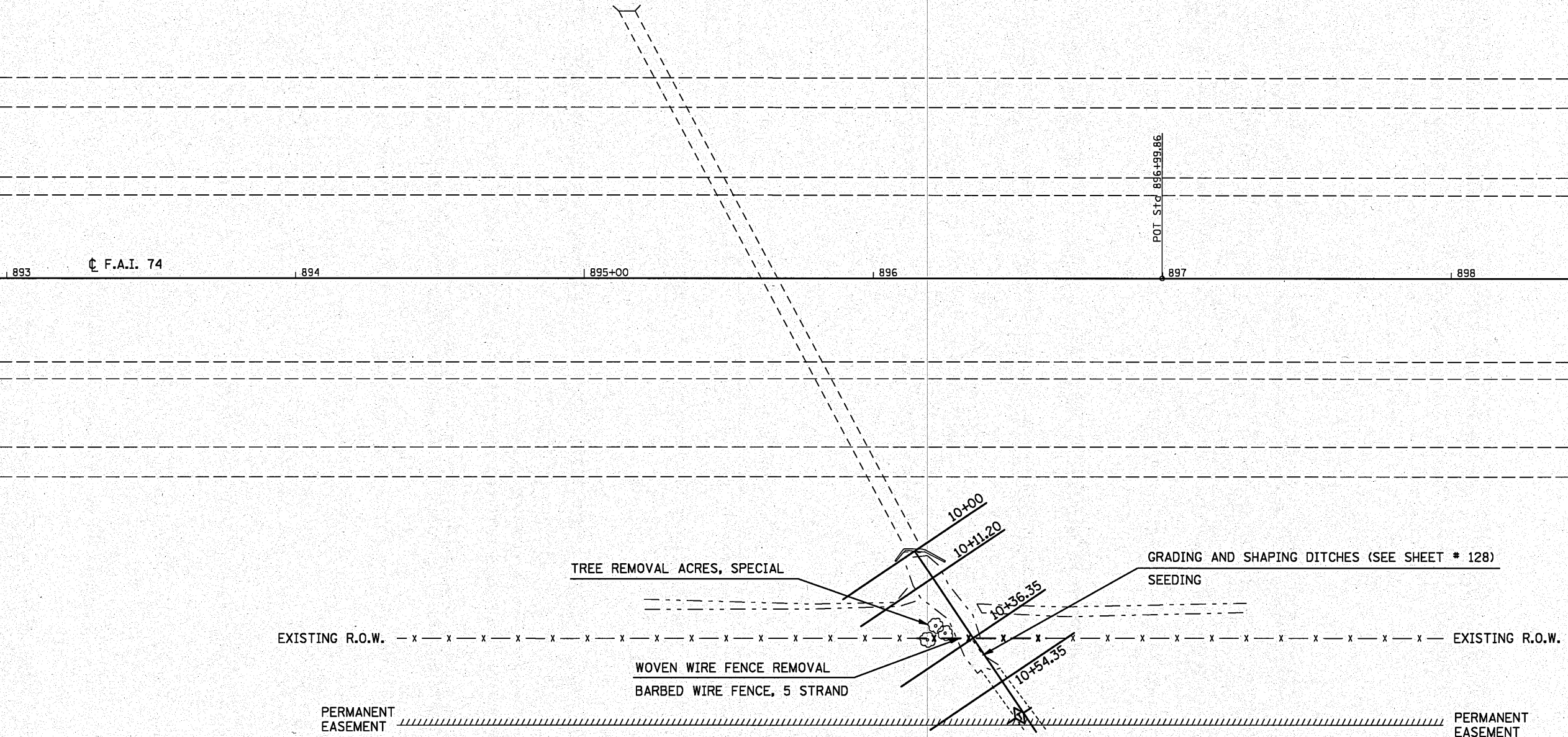
**NOTE:**

THE EXISTING STRUCTURE AT STATION 895+62 CONSISTS OF A 5'x4' R.C. BOX CULVERT. THE STRUCTURE IS IN GOOD CONDITION BUT THE DOWNSTREAM CHANNEL HAS EXPERIENCED SILTATION THE IS LIKELY DUE TO AN ACCUMULATION OF AGRICULTURAL DEBRIS ON THE ACCESS CONTROL FENCE. THERE ARE ALSO SOME TREES AND BRUSH GROWING AT THE DOWNSTREAM END.

THE PROPOSED SCOPE OF WORK IS TO REMOVE AND PROPERLY DISPOSE OF THE TREES AT THE DOWNSTREAM END AND TO GRADE AND SHAPE THE DOWNSTREAM CHANNEL WITHIN THE 30' PERMANENT EASEMENT. ALSO, A PORTION OF THE EXISTING WOVEN WIRE ACCESS CONTROL FENCE SHALL BE REMOVED AND REPLACED WITH A FIVE-STRAND BARBED WIRE FENCE TO MITIGATE FUTURE DEBRIS COLLECTION.

LOC. #9 STA. 895+62		
ITEM # AND DESCRIPTION	UNIT	QUANTITY
21400100 Grading and Shaping Ditches	FOOT	72
25000210 Seeding, Class 2A	ACRE	0.023
25000400 Nitrogen Fert. Nutr.	POUND	2.1
25000500 Phosphorous Fert. Nutr.	POUND	2.1
25000600 Potassium Fert. Nutr.	POUND	2.1
25100115 Mulch Method 2	ACRE	0.023
28000250 Temp. Eros. Contr. Seeding	POUND	2.3
28000305 Ditch Check Temporary	FOOT	10
Z0022800 Fence Removal	FOOT	45
66503200 Barbed Wire Fence, Five Strand	FOOT	45
X2010350 Tree Removal Acres, Special	ACRE	0.007

\* EXACT LOCATION OF FENCE REMOVAL AND BARBED WIRE FENCE, FIVE STRAND TO BE DETERMINED IN FIELD.



FILE NAME =	USER NAME = hogenbj	DESIGNED - BJM	REVISED -
ca:\pwork\pvidot\hogenbj\0158349\057058-ah-struct det.dgn		DRAWN -	REVISED -
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 10/27/2010		DATE - 09/23/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE STRUCTURE IMPROVEMENT DETAIL</b>			
<b>LOCATION #9 STA. 895 + 62</b>			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE. 74	SECTION (57-20(1).21.22)RS-3	COUNTY McLean	TOTAL SHEETS 150	SHEET NO. 59
CONTRACT NO. 70550			ILLINOIS FED. AID PROJECT	