

# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #12 STA. 919 + 32



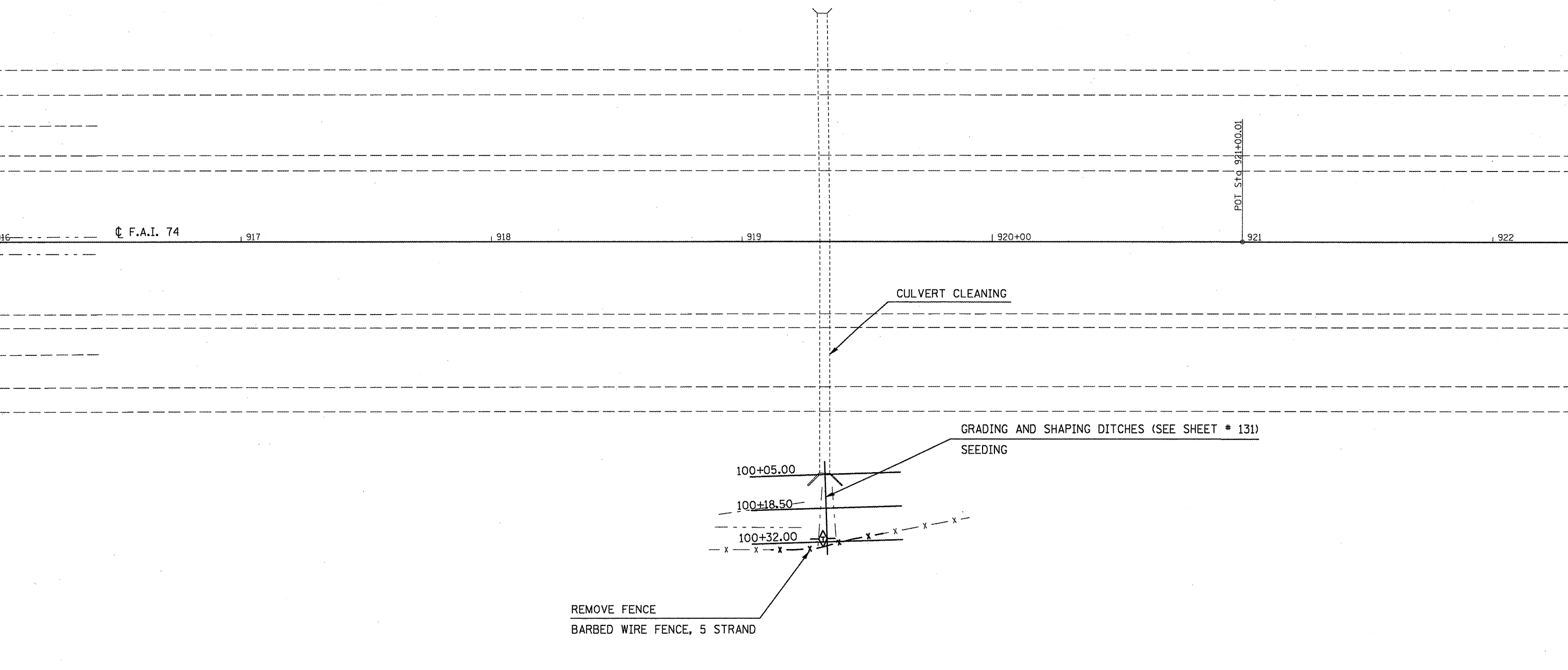
**NOTE:**

THE EXISTING STRUCTURE AT STATION 919+32 CONSISTS OF A 4'x4' R.C. BOX CULVERT. THE DOWNSTREAM END OF THE BOX AND CHANNEL HAVE EXPERIENCED MILD SILTATION THAT IS LIKELY A RESULT OF THE COLLECTION OF AGRICULTURAL DEBRIS ON THE ACCESS CONTROL FENCE.

THE RECOMMENDED SCOPE OF WORK IS TO CLEAN OUT THE DOWNSTREAM END OF THE BOX AND GRADE AND SHAPE THE DOWNSTREAM CHANNEL AWAY FROM THE STRUCTURE WITHIN R.O.W. TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE STRUCTURE. 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. #12 STA.919+32		
ITEM # AND DESCRIPTION	UNIT	QUANTITY
21400100 Grading and Shaping Ditches	FOOT	27
25000210 Seeding, Class 2A	ACRE	0.009
25000400 Nitrogen Fert. Nutr.	POUND	0.81
25000500 Phosphorous Fert. Nutr.	POUND	0.81
25000600 Potassium Fert. Nutr.	POUND	0.81
25100115 Mulch Method 2	ACRE	0.009
28000250 Temp. Eros. Contr. Seeding	POUND	0.9
28000305 Ditch Check Temporary	FOOT	10
Z0022800 Fence Removal	FOOT	45
66503200 Barbed Wire Fence, Five Strand	FOOT	45
Z0005305 Box Culverts To Be Cleaned	FOOT	95

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



FILE NAME =	USER NAME = hogenbj	DESIGNED - BJM	REVISED -
al\pwork\pwork\hogenbj\d0158348\0578	58-sh-tram struct det.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000 "/ IN.	CHECKED -	REVISED -
	PLOT DATE = 10/27/2010	DATE - 09/23/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE STRUCTURE IMPROVEMENT DETAIL  
LOCATION #12 STA. 919 + 32**

SCALE: 1" = 20'    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-2011),21,22,RS-3	McLean	150	62
CONTRACT NO. 70550			ILLINOIS FED. AID PROJECT	