

DRAINAGE STRUCTURE IMPROVEMENT DETAIL

LOCATION #14 STA. 932 + 47

S.N. 057-8560



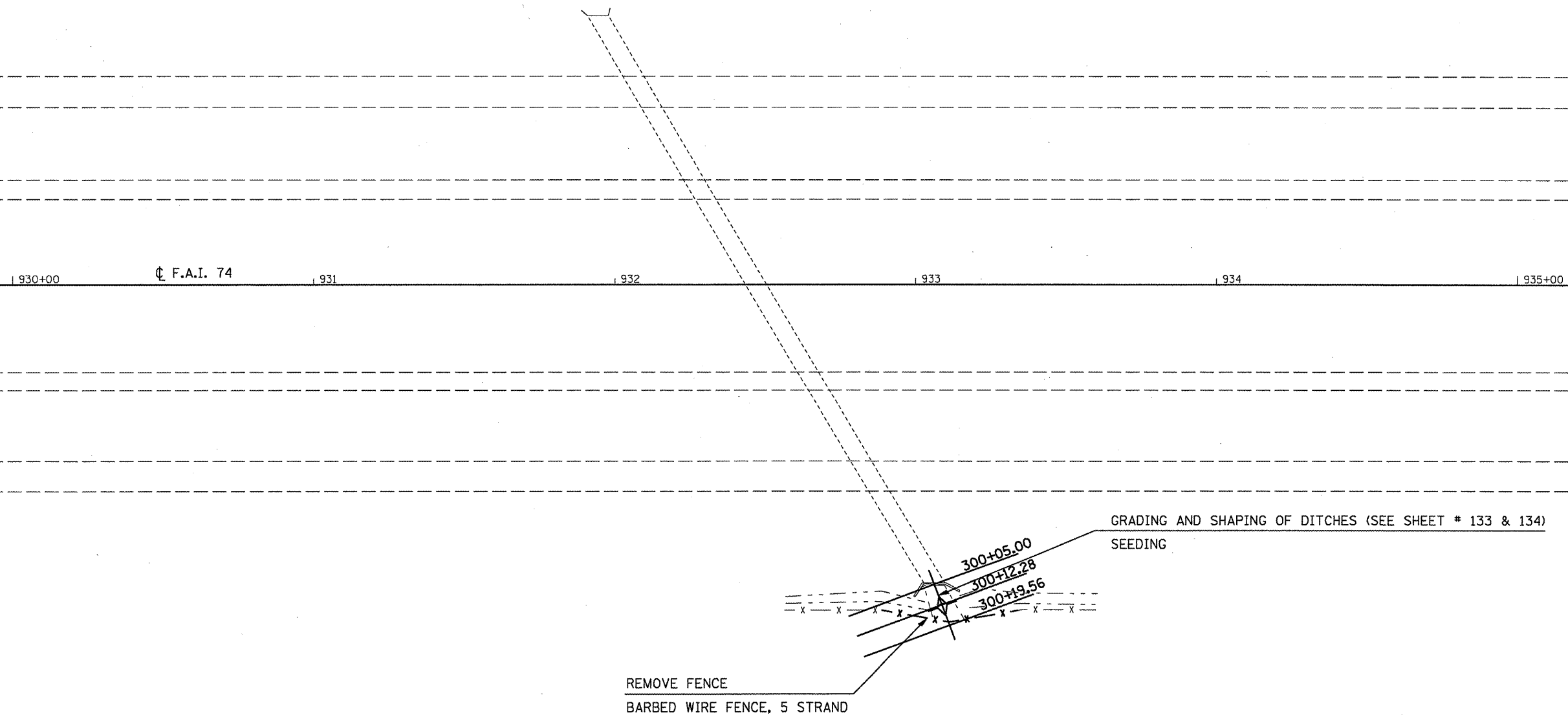
NOTE:

THE EXISTING STRUCTURE AT STATION 932+47 CONSISTS OF A 6'x4' R.C. BOX CULVERT. THE DOWNSTREAM CHANNEL HAS 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 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. #14 STA. 932+47		
ITEM # AND DESCRIPTION	UNIT	QUANTITY
21400100 Grading and Shaping Ditches	FOOT	15
25000210 Seeding, Class 2A	ACRE	0.01
25000400 Nitrogen Fert. Nutr.	POUND	0.9
25000500 Phosphorous Fert. Nutr.	POUND	0.9
25000600 Potassium Fert. Nutr.	POUND	0.9
25100115 Mulch Method 2	ACRE	0.01
28000250 Temp. Eros. Contr. Seeding	POUND	1.0
28000305 Ditch Check Temporary	FOOT	15
Z0022800 Fence Removal	FOOT	45
66503200 Barbed Wire Fence, Five Strand	FOOT	45

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



FILE NAME =	USER NAME = hoganbj	DESIGNED - BJM	REVISED -
c:\pwwork\pwwork\hoganbj\d015834\0578560-sht-sm_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 #14 STA. 932 + 47**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-20(1),21,22)RS-3	McLean	150	64
CONTRACT NO. 70550			ILLINOIS FED. AID PROJECT	