F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	51
STA. 31+850.000		TO STA. 32+200.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TERRA DATE	
NO. AREAS CHECKED	

PROPOSED ROW & A.C. LINE
CONSTRUCTION LIMITS
STA. 31+950.000
PROPOSED PIPE CULVERT
CLASS A, TYPE 1, 600mm
INLET BOX, TYPE C, STD. 542511
END SECTIONS, 600mm
USFL 155.547
DSFL 155.059
GRADING LIMITS
SECTION 60-14HB
BY OTHERS
℄ PROPOSED VONNAHMEN RD.
EARTHWORK
SECTION 60-14HB
STA. 32+141.094, SKEW 35.5° LT.
PROPOSED 0.9m X 0.6m REINFORCED
CONCRETE BOX CULVERT
BY OTHERS SECTION 60-14HB
PROPOSED PERMANENT
EASEMENT
STONE RIPRAP,
CLASS A3
BY OTHERS
SECTION 60-14HB
STONE RIPRAP,
CLASS A4
BY OTHERS
SECTION 60-14HB
SECTION 60-14
SECTION 60-14-1B
MATCH LINE STATION 31+850.000
MATCH LINE STATION 32+200.000
℄ PROPOSED FAP ROUTE 310
CURVE ALNJMNL-3
STA. 31+986.115 FAP ROUTE 310 =
STA. 5+000.000 VONNAHMEN ROAD
PROPOSED PIPE CULVERT, 600mm
STA 32+141.130
33.570m RT
STA 32+158.680
57.650m RT
STA. 32+142.000
PROPOSED PIPE CULVERT
CLASS A, TYPE 2, 600mm
MEDIAN INLET, STD. 604101
PIPE TEE, 600mm W/ 600mm RISER
STD. 542606, ONE END CAPPED
PIPE DRAIN, 600mm
METAL END SECTIONS, 600mm
USFL 150.548
DSFL 148.281
24m PROPOSED PIPE DRAIN 250mm
TO BE CONNECTED TO EXISTING OUTFLOW
PIPE AND LOW AREA BACKFILLED WITH
APPROXIMATELY 380 CU M MATERIAL.
COST OF INSTALLING PIPE DRAIN IN A
MANNER MEETING THE APPROVAL OF THE
ENGINEER WILL NOT BE PAID FOR SEPARATELY
BUT CONSIDERED AS INCLUDED IN THE COST OF
EARTH EXCAVATION
10 m 0 20 m
1 : 500

ORIGINAL	BY	DATE
SURVEY	SURVEYED	
NOTE BOOK	PLOTTED	
NO.	TERRA DATE	
	AREAS CHECKED	

160.0
155.0
150.0
145.0
+0.34%
VPI Sta 31+910.000
Elevation 158.100
-2.86%
PROPOSED PROFILE GRADE LINE
EXISTING ℄ VONNAHMEN
EXISTING GROUND LINE
EARTHWORK
SECTION 60-14HB
SPECIAL DITCH LT.
+0.30 %
SPECIAL DITCH RT. +0.30 %
USFL=156.091
DSFL=154.780
PROPOSED PIPE
CULVERT, 600mm
USFL=155.547
DSFL=155.059
PROPOSED PIPE
CULVERT, 600mm
427.000m V.C.
+975.000
154.987
+975.000
155.808
+075.000
152.867
SPECIAL DITCH RT.
-13.95 %
+101.20
149.227
SPECIAL
DITCH RT.
+3.42%
SPECIAL
DITCH RT.
+0.60 %
SPECIAL DITCH RT.
-12.71 %
+112.820
147.750
+115.449
USFL 147.750
DSFL=148.281
+125.000
148.166
PROPOSED PIPE
CULVERT, 600mm
PROPOSED 0.9m X 0.9m
BOX CULVERT
INCLUDED IN SECTION 60-14HB
+142.000
148.281
+172.500
153.000
+172.344
DSFL 143.750
USFL=150.548
31+850 31+875 31+900 31+925 31+950 31+975 32+000 32+025 32+050 32+075 32+100 32+125 32+150 32+175 32+200

DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 31+850.000 TO STA. 32+200.000

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