F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	26
STA. 31+150.000		TO STA. 31+500.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

FINAL SURVEY — DATE / BY / SURVEYED / PLOTTED / NOTE BOOK / TEMPLATE / AREAS / AREAS CHECKED / NO.

STA. 31+136.677
PROPOSED 1.1m X 0.9m
REINFORCED BOX
CULVERT

TREE REMOVAL LIMITS

MATCH LINE STATION 31+150.000

SECTION LINE

STA. 31+282.000
PROPOSED 3.6m X 1.8m
REINFORCED DOUBLE BOX
CULVERT

+265.000

+301.000

64.008m

44.196m

PT STA 31+313.812

STA. 31+350.000
PROPOSED PIPE CULVERT, 600mm

PROPOSED ROW & A.C. LINE

CONSTRUCTION LIMITS

STA. 31+500.000
PROPOSED PIPE CULVERT, 600mm

MATCH LINE STATION 31+500.000

3.0m SHLD.
2.4m SHLD.
7.2m
11.6m

31+150 31+200 31+250 31+300 ℄ PROPOSED FAP ROUTE 310 31+350 31+400 31+450

45.720m

59.436m

47.244m

STA. 31+250.000
PROPOSED PIPE
CULVERT, 600mm

CONSTRUCTION LIMITS

TREE REMOVAL LIMITS

PROPOSED ROW & A.C. LINE

+265.000

+300.000

PROPOSED PERMANENT
EASEMENT

CURVE P_ALN1MNL-2

P.I. STA= 31+114.716
Δ= 26°33'36" (LT)
R= 875.000m
T= 206.520m
L= 405.616m
E= 24.041m
P.C. STA= 30+908.196
P.T. STA= 31+313.812
SE = 5.2%
SE ATTAINED STA. 30+851.146 TO STA. 30+929.646
SE REMOVED STA. 31+292.362 TO STA. 31+370.862

NOTE: FOR RIPRAP DETAILS. SEE DRAINAGE SHEETS

FOR TREE REMOVAL LIMITS
SEE SHEET NO. 124

10 m 0 20 m
1 : 500

BM-8 STA 31+381.944, 21.770 LT.
60d NAIL AT EDGE OF FIELD
IN A 350mm TREE. ELEV. 158.015

ORIGINAL SURVEY — DATE / BY / SURVEYED / PLOTTED / NOTE BOOK / TEMPLATE / AREAS / AREAS CHECKED / NO.

160.0
155.0
150.0

PROPOSED PROFILE GRADE LINE
EXISTING GROUND LINE

+0.34%

SPECIAL DITCH RT.
-7.32 %

+175.000
155.996

PROPOSED BOX
CULVERT, 1.1m X 0.9m

+159.735
DSFL 149.106

PROPOSED PIPE
CULVERT, 600mm

USFL=154.936
DSFL=152.396

SPECIAL DITCH LT.
10.49 %

PROPOSED BOX
CULVERT, 2-3.6m X 1.8m

+281.710
146.686

USFL=147.157
DSFL=146.618

SPECIAL DITCH LT.
22.00 %

+300.000
148.500

SPECIAL DITCH LT.
7.25 %

+325.000
154.000

+354.408
156.133

USFL=155.887
DSFL=155.832

PROPOSED PIPE
CULVERT, 600mm

+475.000
156.604

SPECIAL DITCH LT.
-1.21 %

USFL=156.396
DSFL=156.327

PROPOSED PIPE
CULVERT, 600mm

| | | |