CONTRACT NO. 89476

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 358 | 86-00075-01-AS | WOODFORD | 66 | 25 |
| STA. _____ | TO STA. _____ | | | |
| FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT | | |

DARLENE K. IMHOFF

VELDA L. GARBER

JOHN C. IMHOFF

JAY H. SCHERTZ, ET AL

℄ County Highway #1
POT STA 143+69.18
N 1517227.38
E 2543608.19

MATCHLINE STA. 140+00

MATCHLINE STA. 155+00

STA. 143+00.00, 32.0' LT
PIPE CULVERT, CL D, TY 1, 15"
49' @ 2.08%
U/S ℄ = 789.07 (+23.00)
D/S ℄ = 788.05 (+74.00)
REMOVE EXISTING CULVERT

PROPOSED STONE RIPRAP, CLASS A4 (TYP.)

PROPOSED HEAVY DUTY EROSION CONTROL BLANKET (TYP.)

143+00.00 ℄ AGG F.E.

35'

POT STA 143+69.18

179°58'49.81"

60'

143+52.00 ℄ AGG F.E.

PROPOSED ℄ COUNTY HIGHWAY #1

EXISTING E.O.P.

EXISTING PAVEMENT WIDTH VARIES

EXIST R.O.W.

6'

24'

EXIST R.O.W.

6'

PROPOSED R.O.W.

DITCH SUMMIT

PROPOSED DITCH CHECK (TYP.)

PROPOSED DITCH FLOW LINE

PROPOSED CONSTRUCTION LIMITS

140+00

145+00

C.H. #1

150+00

142+00.00
40.00' RT

145+00.00
40.00' RT

152+00.00
40.00' RT

154+00.00
45.00' RT

155+00.00
45.00' RT

REMOVE EXISTING CULVERT

PROPOSED DITCH FLOW LINE

PROPOSED CONSTRUCTION LIMITS

PROPOSED PERIMETER EROSION BARRIER (TYP.)

PROPOSED DITCH CHECK (TYP.)

DITCH SUMMIT

STA. 140+15.00 5° RIGHT AHEAD
EXISTING 5'X2' CONC. BOX CULVERT TO BE REMOVED
PROPOSED PRECAST CONCRETE BOX CULVERT 8'X2.5' (M273)
64.0' @ 0.30% SLOPE
PROPOSED BOX CULVERT END SECTIONS - 2.0
UPSTREAM INV. ELEV. = 784.40
DOWNSTREAM INV. ELEV. = 784.21

STA. 143+52.00, 30.00' RT
DOUBLE - PIPE CULVERT, CL D, TY 1, 18"
73' @ 1.70%
U/S ℄ = 790.65 (+86.00)
D/S ℄ = 789.41 (+13.00)

H. SCALE: 1" = 50'
V. SCALE: 1" = 5'

PROPOSED PROFILE IS FOR TOP OF FINISHED HOT-MIX ASPHALT SURFACE

EXISTING ℄ PROFILE

PROPOSED ℄ PROFILE COUNTY HIGHWAY #1

PROPOSED PIPE CULVERTS

K = 174
300.00' V.C.

VPI STA. 141+00.00
ELEVATION 789.25

+50.00 EL. 791.54

-0.20%
+1.53%
+1.74%
+2.08%
+0.80%
+15.00 EL. 784.40
+15.00 EL. 784.21
+50.00 EL. 785.47

+00.00 EL. 790.67
+1.74%
+1.63%
+2.08%
+00.00 EL. 792.50

+50.00 EL. 793.50
+0.40%
+0.85%
+50.00 EL. 796.13

+00.00 EL. 794.50
+0.40%
+0.85%
+1.20%

+00.00 EL. 795.70
+0.30%
+0.45%

VPI STA. 149+50.00
ELEVATION 802.25
+1.53%
-1.37%

K = 276
800.00' V.C.

+00.00 EL. 795.90

+00.00 EL. 796.50
+0.45%
+0.30%

+00.00 EL. 796.60
-1.40%

50.00 EL. 794.50
-1.40%
-1.50%

+50.00 EL. 796.77
-2.48%

+00.00 EL. 790.50
-1.50%
2.48%
-0.30%

+50.00 EL. 789.55

PROPOSED RIGHT DITCH PROFILE

PROPOSED LEFT DITCH PROFILE

PROPOSED BOX CULVERT

| | 140+00 | 141+00 | 142+00 | 143+00 | 144+00 | 145+00 | 146+00 | 147+00 | 148+00 | 149+00 | 150+00 | 151+00 | 152+00 | 153+00 | 154+00 | 155+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 788.64 | 789.52 | 788.73 | 789.64 | 788.80 | 789.90 | 789.24 | 790.30 | 789.67 | 790.85 | 790.28 | 791.54 | 790.89 | 792.31 | 792.01 | 793.07 | 793.14 | 793.84 | 794.24 | 794.60 | 795.34 | 795.37 | 795.88 | 796.13 | 796.42 | 796.85 | 796.73 | 797.48 | 797.05 | 798.02 | 797.29 | 798.47 | 797.53 | 798.82 | 797.95 | 799.09 | 798.37 | 799.26 | 798.79 | 799.35 | 799.21 | 799.34 | 799.33 | 799.25 | 799.44 | 799.06 | 798.98 | 798.78 | 798.52 | 798.42 | 797.40 | 797.96 | 796.28 | 797.41 | 795.34 | 796.77 | 794.40 | 796.08 | 793.66 | 795.40 | 793.36 | 794.71 |

PROFILE
SURVEYED
DRAWN
QUANTITIES CHECKED
NOTE BOOK
NO.
STRUCTURE (STATING CSYKD)
DATE
BY

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
NOTE BOOK
NO.
CADD FILE NAME
DATE
BY

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#