CONTRACT NO. 89477

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
358	86-00075-00-AS	WOODFORD	74	17
STA. 185+00.00	TO STA. 200+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN

SURVEYED BY
DRAWN BY
ALIGNMENT CHECKED
PLOT PLAN CHECKED
NOTE BOOK
NO.
BY
DATE

JAY H.
SCHERTZ, ET AL

℄ County Highway #1
POT STA 197+24.54
N 1522581.764
E 25433506.308

JAY H.
SCHERTZ ET AL

PROPOSED HEAVY DUTY EROSION CONTROL BLANKET (TYP.)

PROPOSED STONE RIPRAP, CLASS A4 (TYP.)

PROPOSED AGGREGATE DITCH CHECK (TYP.)

PROPOSED ℄ COUNTY HIGHWAY #1

PROPOSED TEMPORARY DITCH CHECK (TYP.)

EXISTING PAVEMENT WIDTH VARIES

EXISTING E.O.P.

STA. 197+24.54, 30.0' LT
PIPE CULVERT, CL C, TY 1, 15"
77' @ 0.80%
U/S FL = 764.25 (+87.54)
D/S FL = 763.63 (+64.54)
REMOVE EXISTING CULVERT

197+24.54 ℄ AGG F.E.

198+00.00
43.03' LT

199+00.00
60.00' LT

REMOVE EXISTING CULVERT

MATCHLINE STA. 185+00

185+00

190+00

C.H. #1

195+00

EXIST. R.O.W.

EXIST. R.O.W.

PROPOSED R.O.W.

PROPOSED DITCH FLOW LINE

CONSTRUCTION LIMITS

PROPOSED PERIMETER EROSION BARRIER (TYP.)

JOHN P.
KENNELL, ET UX

JOHN P.
KENNELL, ET UX

PROPOSED INLET AND PIPE PROTECTION (TYP.)

196+00.00 ℄ AGG F.E.

STA. 196+00.00, 28.5' RT
PIPE CULVERT, CL C, TY 1, 15"
47' @ 0.60%
U/S FL = 765.22 (+77.00)
D/S FL = 764.94 (+24.00)

POT Sta 197+24.54

198+00.00
40.00' RT

199+00.00
55.00' RT

200+00.00
55.00' RT

STA. 199+63.00, 15° RIGHT AHEAD
EXISTING 4.5'X3' CONC. BOX CULVERT TO BE REMOVED
PROPOSED PRECAST CONCRETE BOX CULVERT 5'X3' (M273)
68.0' @ 0.30% SLOPE
PROPOSED BOX CULVERT END SECTIONS - 2.0
UPSTREAM INV. ELEV. = 760.20 (34.0' LT ALONG CULVERT)
DOWNSTREAM INV. ELEV. = 760.00 (34.0' RT ALONG CULVERT)

MATCHLINE STA. 200+00

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

PROFILE

SURVEYED BY
DRAWN BY
CHECKED BY
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO'S/ATMS CK'D
BY
DATE

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

K = 272
300.00' V.C.

+00.00 EL. 773.69
-0.50%
-2.57%
-1.58%
+50.00 EL. 775.20

+00.00 EL. 775.20
-1.42%
+00.00 EL. 771.12

+00.00 EL. 769.70
VPI STA. 188+00.00
ELEVATION 772.65
+00.00 EL. 769.70

-1.70%
-0.60%
-0.58%

+50.00 EL. 771.76

PROPOSED ℄ PROFILE COUNTY HIGHWAY #1

EXISTING ℄ PROFILE

-0.58%

+00.00 EL. 765.66

PROPOSED PIPE CULVERTS

+00.00 EL. 764.50

-0.58%
-0.76%
-1.33%

+50.00 EL. 762.50

-0.76%
-1.33%
-3.5%
-2.89%

+50.00 EL. 765.00

+49.00 EL. 759.50

+55.00 EL. 759.50

+71.00 EL. 759.00

+77.00 EL. 759.00

PROPOSED RIGHT DITCH PROFILE

PROPOSED LEFT DITCH PROFILE

PROPOSED BOX CULVERTS

-4.08%
-5.5%
-0.60%

+50.00 EL. 766.39

K = 300.00

VPI STA. 200+00.00

	185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00	196+00	197+00	198+00	199+00	200+00
	777.32	776.41	775.51	774.65	773.79	772.96	772.14	771.88	771.61	771.30	770.99	770.85	770.71	770.64	770.57	770.35
	777.33	776.71	776.00	775.20	774.40	773.68	773.06	772.54	772.10	771.76	771.46	771.16	770.86	770.56	770.27	769.97
	770.13	769.65	769.17	768.58	767.99	767.51	767.04	766.57	766.10	766.00	765.89	765.51	765.14	764.99	764.83	
	769.67	769.37	769.08	768.78	768.48	768.18	767.88	767.59	767.29	766.99	766.69	766.39	766.15	766.01	765.99	

790 785 780 775 770 765 760 755 750

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

COUNTY HIGHWAY #1 PLAN & PROFILE

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