F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9173	04-00080-06-PV	ST. CLAIR	144	18
STA.	120+00	TO STA.	135+00	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
PLAN AND PROFILE				

CONTRACT NO: 97418

GRAPHIC SCALE 1"= 50'

DATE	BY	
		SURVEYED
		PLOTTED
		TEMPLATE
		AREAS
		AREAS CHECKED

FINAL SURVEY NOTE BOOK NO.

N/F RICH GORAZD INC. 04-18.0-205-014

N/F DANIEL J. & VICKY L. MCCARTHY 04-18.0-205-013

N/F RONALD & YVONNE TR ANHEUSER 04-18.0-205-012

N/F RICH GORAZD INC. 04-18.0-205-011

N/F RICH GORAZD INC. 04-18.0-205-010

N/F SMR LLC. 04-18.0-213-009

N/F DAVID H. JR. & CASEY L. PETRY 04-18.0-213-008

N/F MARK & DEBORAH MCCOY 04-18.0-213-007

2 CENTERED CURVE
60' – 250'
8' OFFSET

CONSTRUCTION LIMITS

8.5'W HMA SHOULDER

4'W HMA SHOULDER

EX ROW

BEGIN CONSTRUCTION STA 122+63.79

25' SHOULDER WIDTH TRANSITION (MATCH EXISTING)

O'FALLON–TROY ROAD

+10.00 40' RT

T.C.E.

+94.86 40' RT

+94.19 70' RT

240' @ 40:1 TAPER RATE

132' @ 11:1 TAPER RATE

+00.00 40' RT

LEFT TURN STORAGE 115'

STA 130+17.33 O'FALLON–TROY ROAD = STA 40+73.65 BETHEL SCHOOL ROAD

86°08'29"

BETHEL SCHOOL ROAD

+38+23.88

+38+43.95 39.49' LT

PROPOSED CURVE
PI STA. 39+54.34
Δ = 40°53'10"
T = 130.47'
R = 350.02'
L = 249.77'
e = NC
P.C. STA = 38+23.88
P.T. STA. = 40+73.65

2 CENTERED CURVE
60' – 250'
10' OFFSET

+82.09 55' LT

+89.23 40' LT

+78.18 40' LT

+21.23 55' LT

8'W HMA SHOULDER

68 LF GUARDRAIL REMOV

N/F CITY OF O'FALLON 04-18.0-206-001 DOC A02095013 TCE AREA REQ = 0.043 AC

N. LINCOLN AVE (TBR)

4' HMA SHOULDER

PC=131+38.55

+71 12'W AGG. P.C.

8.5'W HMA SHOULDER

132' @ 11:1 TAPER RATE

LEFT TURN STORAGE 115'

STA 135+00.00 O'FALLON–TROY ROAD = STA 10+00.00 BOWLER ROAD

BOWLER RD.

10+00 @ BOWLER RD.

90°00'00"

+17.66

N/F JOHN T. & PAMELA A. HELMS 04-17.0-100-006

N/F THOMAS & JUANITA ZAJICEK 04-17.0-100-020

N/F THOMAS & JUANITA ZAJICEK 04-17.0-100-026

N/F JUANITA M. & THOMAS P. ZAJICEK 04-17.0-100-027 DB "3990" PG 1929 TCE AREA REQ = 0.029 AC

N/F PHILIP C. & LINDA A. BRITTON 04-17.0-100-023 DOC A02068511 TCE AREA REQ = 0.105 AC

N/F COREY HAGARTY 04-17.0-100-003

N/F DIOCESE OF SPRINGFIELD 04-17.0-100-017

POINT	STATION	OFFSET	EOP ELEVATION
A1	130+10.55	18.00' LT	562.42
A2	130+10.55	18.00' RT	562.42
B1	130+56.55	18.00' LT	561.44
B2	130+56.55	18.00' RT	561.17
C1	131+80.55	18.00' LT	559.02
C2	131+80.55	18.00' RT	557.58
D1	133+00.00	18.00' LT	556.82
D2	133+00.00	18.00' RT	555.38
E1	134+00.00	18.00' LT	555.67
E2	134+00.00	18.00' RT	554.23
F1	135+00.00	18.00' LT	555.12
F2	135+00.00	18.00' RT	553.68

CP #1299 – IRON PIPE
STA. 124+46.64, 80.87' RT.
ELEV. 574.27

CP #9 – IRON PIPE
STA. 125+56.67, 39.08' LT
ELEV. 577.98

HIGH POINT ELEV = 570.37
HIGH POINT STA = 126+41.69
PVI STA = 125+70
PVI ELEV = 574.58
A.D. = -7.70
K = 62.34
480.00' VC

MATCH EXISTING

6.00%

BVCS: 123+30
BVCE: 562.58

EVCS: 128+10
EVCE: 568.10

EXISTING GROUND LINE

PROPOSED PROFILE GRADE

SEL DITCH LT. @ -2.70%

+00 565.4

+50 561.31

-2.70%

BETHEL SCHOOL ROAD

BVCS: 131+00
BVCE: 560.27

LOW POINT ELEV = 554.36
LOW POINT STA = 135+37.84
P.V.I. STA = 134+00
P.V.I. ELEV = 552.17
A.D. = 3.70
K = 62.16
600.00' VC

BOWLER ROAD

| | | | |