SECTION NO.	COUNTY HIGHWAY	COUNTY	SHEET OF SHEETS
00-00196-08-BR	47	ST.CLAIR	4 OF 18
FHWA REG.NO.x	ILLINOIS	FEDERAL AID PROJECT	
		CONTRACT 97257	

CURVE INFORMATION
P.I. STA. 48+27.8
Δ = 0°-50'
D = 0°-08'
R = 42971.84'
T = 312.8'
L = 625.1'

DONALD BIEHL FARMS
13-22.0-400-004
5420 SCHMIDT LANE
BELLEVILLE, IL 62220
119.94 ACRE

STA. 51+85.80
PROPOSED THREE SPAN (40'-60'-40') PRECAST PRESTRESSED CONCRETE DECK BEAMS ON REINFORCED CONCRETE CAPS WITH HP 12x53 STEEL PILES. 0° SKEW, 141.50' BK-BK ABUTS ALONG ℄ STRUCTURE. SEE STAGE CONSTUCTION SHEET.

LARRY M. & BEVERLY EITZENHEFER
13-23.0-300-008
2 NORTH WEST STREET
FREEBURG, IL 62243
15.52 ACRE

BEGIN SECTION 00-00196-08-BR
STA. 50+65.78

END SECTION 00-00196-08-BR
STA. 53+05.78

SEE TEMPORARY SHEET PILING DETAIL ON PAGE 3

STA.52+17.80 45' LT
STA.52+17.80 40' LT

℄ OF RICHLAND CREEK

BRIDGE APPROACH PAVEMENT, 120 SQYD

PT = 51+40.59

CONSTRUCTION LIMITS

EXISTING R.O.W.

EDGE OF PAVEMENT

49+00 50+00 51+00 52+00 53+00 54+00 55+

℄ DOUGLAS-FREEBURG ROAD (C.H. 47)

40.00' 22.00' 40.00' 90.00' 45.00' 45.00'

BITUMINOUS SHOULDERS (TYP)

STA.49+00 40' RT
STA.49+00 50' RT

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) (TYPICAL ALL FOUR CORNERS)
TRAFFIC BARRIER TERMINAL, TYPE 6A (TYPICAL ALL FOUR CORNERS)

STA.51+37.86 40' RT
STA.51+37.86 50' RT

STA.52+17.86 40' RT
STA.52+17.86 45' RT

120 SQYD, BRIDGE APPROACH PAVEMENT

1 EACH, REMOVAL OF EXISTING STRUCTURE (SEE SHEET NO.8 FOR DESCRIPTION)

650 SQYD STONE DUMPED RIPRAP CLASS A7, 650 SQYD FILTER FABRIC

POND

DATUM USED FOR SURVEY IS FROM N.G.S. PROFILE GRADE LINE ELEVATIONS SHOWN REFER TO THE CROWN ELEVATION OF THE FINISHED SURFACE.

LEGEND
- TIMBER LINE
- FENCE LINE
- POWER POLE
- FO BURRIED FIBER OPTIC LINE
- EXISTING CULVERT
- EXISTING SIGN
- PERIMETER EROSION BARRIER
- TEMPORARY SHEET PILING
- EROSION CONTROL BLANKET

DONALD E. & MARYANN A. BIEHL
13-27.0-200-003
5420 SCHMIDT LANE
BELLEVILLE, IL 62220
19.28 ACRE

KRAFT LARRY TRUSTEE
13-26.0-100-001
4957 QUIRIN ROAD
SMITHTON, IL 62285
63.2 ACRE

SCALE: PLAN 1:40
-20 0 10 20 30 40 50
DRAWING SCALE

BENCHMARK: FOUND CHISELED SQUARE
TOP OF S.W.WINGWALL ELEVATION = 443.52 FT.

PERIMETER EROSION BARRIER		
STA. 50+07.50 – STA. 51+17.50	LT	120 FT
STA. 49+95.40 – STA. 51+15.30	RT	127 FT
STA. 52+56.60 – STA. 53+49.10	LT	108 FT
STA. 52+56.50 – STA. 53+62.40	RT	120 FT
	TOTAL	475 FT

PERMANENT SURVEY MARKERS, TYPE 1, SHALL BE PLACED AT THE FOLLOWING LOCATIONS: STA 51+15.42
STA 52+56.17

PAVEMENT REMOVAL	
STA. 50+65.78 – STA. 51+04.80	95.4 SQ YD
STA. 52+51.10 – STA. 53+05.78	133.7 SQ YD
TOTAL	229 SQ YD

SCALE: PROFILE
HORIZ 1:40
VERT 1:40

460.00 450.00 440.00 430.00 420.00 410.00

DHW100=439.40 DHW50=438.50

BK OF ABUT #1 STA 51+15.00
℄ OF PIER #1 STA 51+55.79
℄ OF PIER #2 STA 52+15.79
BK OF ABUT #2 STA 52+56.58

+0.300% +0.300%

PROPOSED ROADWAY
EXISTING ROADWAY

MEET EXISTING @ STA. 50+65.78 ELEVATION = 443.62

TEMPORARY SHEET PILING (SEE SHEET 3)

STREAMBED ℄ ELEVATION=416.00

STONE DUMPED RIPRAP CLASS A7
2.25:1 SIDE SLOPES (TYP)
614 CUYD, CHANNEL EXCAVATION
36.49 FT @ RT ANGLES TO FLOW

MEET EXISTING @ STA. 53+05.79 ELEVATION = 444.34

442.7 442.8 443.0 443.2 443.4 443.6 443.65 443.6 443.72 443.7 443.80 433.8 443.87 444.0 443.95 444.0 444.02 444.1 444.10 444.1 444.17 444.1 444.25 444.1 444.32 444.3 444.4 444.6 444.7 444.9 445.2 445.5 446.0

49+50 50+00 50+50 51+00 51+50 52+00 52+50 53+00 53+50 54+00 54+50

	INITIALS	DATE
DESIGNED	J. HARMS	8/04
CHECKED		
DRAWN	J. HARMS	8/04
CHECKED		
PREPARED BY ST. CLAIR COUNTY		
CADD DRAWING FILE: planprof		

PLOT DATE:

* ℄ Rev. 11-2-05