

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	38
STA. 877+00		TO STA. 907+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
ALIGN-13 OF 16				

CURVE C22				
PI STA.	876+59.44	N 1,815,725.0390	E 1,030,860.5160	
PC STA.	868+86.37	N 1,815,259.4686	E 1,029,833.1498	
PT STA.	884+30.18	N 1,816,103.8189	E 1,030,839.1839	
CC		N 1,806,078.8034	E 1,044,991.8879	

CURVE C23A				
PI STA.	913+53.27	N 1,817,536.0353	E 1,041,905.4262	
PC STA.	905+68.87	N 1,817,151.7072	E 1,041,221.6378	
PT STA.	921+36.43	N 1,817,984.8204	E 1,042,548.7508	
CC		N 1,831,230.3159	E 1,033,308.6562	

PROP. CURVE C22  
 PC STA. = 868+86.37  
 PI STA. = 876+59.44  
 PT STA. = 884+30.18  
 $\Delta = 7^\circ 41' 30''$  (RT)  
 D =  $0^\circ 29' 54''$   
 R = 11,500.00'  
 T = 773.07'  
 L = 1,543.82'  
 E = 25.95'

PROP. CURVE WBSBEN-1  
 PC STA. = 2895+91.90  
 PI STA. = 2897+35.41  
 PT STA. = 2898+75.90  
 $\Delta = 20^\circ 20' 25''$  (LT)  
 D =  $7^\circ 09' 43''$   
 R = 800.00'  
 T = 143.51'  
 L = 284.00'  
 E = 12.77'

PROP. CURVE WBSBEN-2  
 PC STA. = 2899+99.41  
 PI STA. = 2900+36.79  
 PT STA. = 2900+74.03  
 $\Delta = 8^\circ 33' 03''$  (LT)  
 D =  $11^\circ 27' 33''$   
 R = 500.00'  
 T = 37.38'  
 L = 74.62'  
 E = 1.40'

PROP. CURVE WBSBEN-3  
 PC STA. = 2902+97.26  
 PI STA. = 2904+77.00  
 PT STA. = 2906+42.35  
 $\Delta = 39^\circ 32' 40''$  (RT)  
 D =  $11^\circ 27' 33''$   
 R = 500.00'  
 T = 179.74'  
 L = 345.09'  
 E = 31.32'

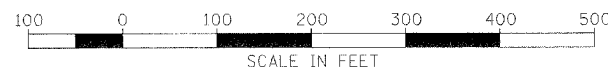
PROP. CURVE C23A  
 PC STA. = 905+68.87  
 PI STA. = 913+53.27  
 PT STA. = 921+36.43  
 $\Delta = 6^\circ 33' 41''$  (LT)  
 D =  $0^\circ 21' 17''$   
 R = 16,500.00'  
 T = 784.39'  
 L = 1,567.56'  
 E = 19.04'

PROP. CURVE WBNBEX-1  
 PC STA. = 3891+33.76  
 PI STA. = 3891+67.07  
 PT STA. = 3892+00.35  
 $\Delta = 4^\circ 46' 11''$  (RT)  
 D =  $7^\circ 09' 43''$   
 R = 800.00'  
 T = 33.32'  
 L = 66.60'  
 E = 0.69'

PROP. CURVE WBNBEX-2  
 PC STA. = 3897+17.47  
 PI STA. = 3895+45.89  
 PT STA. = 3897+17.47  
 $\Delta = 22^\circ 07' 35''$  (RT)  
 D =  $6^\circ 21' 58''$   
 R = 900.00'  
 T = 175.97'  
 L = 347.56'  
 E = 17.04'

**BENCHMARK DESCRIPTIONS**

- BENCHMARK 217 SET REBAR +/- 2' NW OF EXISTING FENCE LINE, ELEV. 654.43'.
- BENCHMARK 218 SET PK AT EXIT RAMP NO. 263 WHERE PAVEMENT SPLITS, ELEV. 653.66'.
- BENCHMARK 232 NW BOLT ON BASE OF FORTH LIGHT POLE +/- 1990' SW OF WEBER RD. ON NB LANE; MILE MARKER 263.19, ELEV. 656.95'.
- BENCHMARK 233 NW BOLT ON BASE OF SECOND LIGHT POLE +/- 800' SOUTH WEST OF WEBER RD. ON NB LANE; MILE MARKER 263.19, ELEV. 648.65'.
- BENCHMARK 3282 SQUARE CUT ON TOP OF FLARED END SECTION OF E SIDE OF E FRONTAGE RD. AND AT MM 263, ELEV. 653.10'.
- BENCHMARK 3285 FD "X" ON S HEADWALL OF A 4'X10' BOX CULVERT ON S SIDE OF FRONTAGE RD. AND ABOUT 800' W OF WEBER RD., ELEV. 638.02'.
- BENCHMARK 3286 "X" CUT ON NW TAG BOLT OF FIRE HYDRANT ON THE N SIDE OF FRONTAGE RD. AND ON W SIDE OF "GAS CITY" DRIVEWAY, ELEV. 644.37'.
- BENCHMARK 3287 SQUARE CUT SW CORNER OF A 4'X6' CONC. BASE FOR AN IDOT TRAFFIC SIGNAL CONTROL BOX AT THE NW CONRER OF WEBER RD. AND SE FRONTAGE RD. (NORMANTOWN RD.), ELEV. 642.98'.
- BENCHMARK 3288 SQUARE CUT N EGDGE OF 2' DIAM. CONC. TRAFFIC SIGNAL AND MAST ARM BASE AT THE NE CORNER OF WEBER RD. AND FRONTAGE RD. (NORMANTOWN RD.), ELEV. 642.81'.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100'  
 DATE: 06-30-06

DRAWN BY ALR  
 CHECKED BY RH

