

**CURVE DATA**  
 P.C. = 99+18.21  
 N. = 1902856.6299  
 E. = 1018693.1020  
 P.I. = 99+66.79  
 N. = 1902860.6335  
 E. = 1018642.6847  
 P.T. = 100+00.00  
 N. = 1902911.2090  
 E. = 1018642.4564  
 D<sub>a</sub> = 104°10'27"  
 D<sub>c</sub> = 130°45'36"  
 T = 60.58  
 R = 55.00  
 L = 81.79  
 C = 74.46  
 E = 19.72  
 M = 14.51

P.I. = 103+38.80  
 N. = 1903250.0011  
 E. = 101864.9267

**CURVE DATA**  
 P.C. = 106+70.59  
 N. = 1903581.7872  
 E. = 1018642.7357  
 P.I. = 106+80.42  
 N. = 1903591.6191  
 E. = 1018642.7924  
 P.T. = 108+56.13  
 N. = 1903591.7319  
 E. = 1018652.6239  
 D<sub>a</sub> = 57°25'28"  
 D<sub>c</sub> = 00°00'00"  
 T = 9.83  
 R = 10.00  
 L = 15.54  
 C = 14.02  
 E = 4.02  
 M = 2.67

P.I. = 99+10.00  
 N. = 1902855.8015  
 E. = 1018701.2727

**CURVE DATA**  
 P.C. = 99+10.00  
 N. = 1902855.8015  
 E. = 1018701.2727  
 P.I. = 99+14.11  
 N. = 1902856.1561  
 E. = 1018697.1813  
 P.C. = 99+18.21  
 N. = 1902856.6299  
 E. = 1018693.1020  
 D<sub>a</sub> = 20°21'19"  
 D<sub>c</sub> = 20°27'50"  
 T = 4.11  
 R = 281.48  
 L = 8.21  
 C = 8.21  
 E = 0.03  
 M = 0.03

**CURVE DATA**  
 P.C. = 108+91.80  
 N. = 1903594.0910  
 E. = 1018958.2890  
 P.I. = 109+05.44  
 N. = 1903594.2590  
 E. = 1018872.9280  
 P.T. = 109+20.80  
 N. = 1903589.5196  
 E. = 1018866.7797  
 D<sub>a</sub> = 67°24'24"  
 D<sub>c</sub> = 72°03'50"  
 T = 14.64  
 R = 85.00  
 L = 29.00  
 C = 28.86  
 E = 1.25  
 M = 1.23

**CURVE DATA**  
 P.C. = 109+25.09  
 N. = 1903588.1299  
 E. = 1018890.8421  
 P.I. = 109+43.42  
 N. = 1903582.1978  
 E. = 1018908.1804  
 P.T. = 109+61.38  
 N. = 1903582.4894  
 E. = 1018926.5032  
 D<sub>a</sub> = 54°34'03"  
 D<sub>c</sub> = 56°52'26"  
 T = 15.33  
 R = 105.00  
 L = 36.28  
 C = 36.10  
 E = 1.59  
 M = 1.56

**CURVE DATA**  
 P.C. = 109+65.26  
 N. = 1903582.5512  
 E. = 1018930.3809  
 P.I. = 109+83.56  
 N. = 1903582.8428  
 E. = 1018948.7037  
 P.T. = 110+01.54  
 N. = 1903589.3237  
 E. = 1018965.8445  
 D<sub>a</sub> = 54°34'03"  
 D<sub>c</sub> = 56°52'26"  
 T = 18.33  
 R = 105.00  
 L = 36.28  
 C = 36.10  
 E = 1.59  
 M = 1.56

**CURVE DATA**  
 P.C. = 110+06.12  
 N. = 1903590.9433  
 E. = 1018970.1290  
 P.I. = 110+21.00  
 N. = 1903596.2069  
 E. = 1018984.0497  
 P.T. = 110+35.59  
 N. = 1903596.4273  
 E. = 1018998.9306  
 D<sub>a</sub> = 67°24'24"  
 D<sub>c</sub> = 72°03'50"  
 T = 14.68  
 R = 85.00  
 L = 29.47  
 C = 29.32  
 E = 1.29  
 M = 1.27

**CURVE DATA**  
 P.C. = 113+46.96  
 N. = 1903601.0384  
 E. = 1019310.2703  
 P.I. = 113+76.17  
 N. = 1903601.4709  
 E. = 1019339.4719  
 P.T. = 113+93.28  
 N. = 1903630.8735  
 E. = 1019339.8238  
 D<sub>a</sub> = 190°59'09"  
 D<sub>c</sub> = 00°00'00"  
 T = 29.20  
 R = 78.00  
 L = 46.32  
 C = 41.85  
 E = 11.87  
 M = 8.50

**BENCHMARKS**

DuPAGE COUNTY BENCHMARK W10001: A DISK AT THE EAST WALL OF CITY HALL, 2.0' NORTH OF THE SOUTHEAST CORNER OF A TWO STORY BRICK BUILDING #137 AT MAIN STREET AND GALENA STREET.  
 ELEV. 783.69

NORTHWEST BONNET BOLT ON HYDRANT ADJACENT TO RECREATION BUILDING ON SOUTH SIDE OF DRIVE.  
 ELEV. 774.76

ARROW BOLT ON HYDRANT AT ENTRANCE OF FIRST PARKING LOT WEST OF ARBOR AND NATIONAL.  
 ELEV. 793.69

SOUTHEAST BONNET BOLT ON HYDRANT AT CORNER OF ARBOR AND CHARLESTOWNE.  
 ELEV. 770.66

TAG BOLT ON HYDRANT IN FRONT OF 1000 CHARLESTOWNE.  
 ELEV. 771.26

PLAN	DATE	BY
REVISIONS		
DATE		
BY		
NO.		

PROFILE	DATE	BY
REVISIONS		
DATE		
BY		
NO.		

ENGINEERING RESOURCE ASSOC., INC.  
 38701 WEST AVENUE, SUITE 150  
 WARRNEVILLE, ILLINOIS 60555  
 PHONE (630) 392-3050 FAX (630) 392-2132



FILE NAME	USER NAME	DESIGNED	REVISED
H:\West Chicago\100810.00 Rike Trail Connector\CADD\Final Design\100810 Alignment&Ties.dwg	mmaslowak	BD	
		RT	
	JFM		
	APRIL, 2012		

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS  
 SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. 99+10 TO STA. 114+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00-00064-00-BT	DuPAGE	31	5
CONTRACT NO. 63730				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				