

BIKE PATH ALIGNMENT TIES TO IL. ROUTE 29

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	81
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
• SANGAMON AND CHRISTIAN				

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-29 DATA
 2128 PI STA. = 87+53.13
 $\Delta = 3^\circ 54' 49''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 34.17'
 L = 68.31'
 E = 0.58'
 2127 P.R.C. STA. = 87+18.96
 2129 P.R.C. STA. = 87+87.27

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2127	PRC Sta 87+18.96	1105266.279	2498248.131	86+12.92, 113.93' LT.
2128	PI Sta 87+53.13	1105287.179	2498221.103	86+47.07, 112.82' LT.
2129	PRC Sta 87+87.27	1105306.185	2498192.710	86+81.21, 114.05' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-36 DATA
 2146 PI STA. = 109+88.25
 $\Delta = 5^\circ 08' 03''$ (LT)
 D = 11° 27' 33"
 R = 500.00'
 T = 22.42'
 L = 44.80'
 E = 0.50'
 2145 P.C. STA. = 109+65.83
 2147 P.R.C. STA. = 110+10.63

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2145	PC Sta 109+65.83	1106598.717	2496439.356	108+59.39, 93.59' LT.
2146	PI Sta 109+88.25	1106611.847	2496421.186	108+81.81, 93.59' LT.
2147	PRC Sta 110+10.63	1106623.298	2496401.914	109+04.14, 95.60' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-30 DATA
 2130 PI STA. = 88+15.04
 $\Delta = 3^\circ 10' 54''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 27.77'
 L = 55.53'
 E = 0.39'
 2129 P.R.C. STA. = 87+87.27
 2131 P.T. STA. = 88+42.80

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2129	PRC Sta 87+87.27	1105306.185	2498192.710	86+81.21, 114.05' LT.
2130	PI Sta 88+15.04	1105321.635	2498169.631	87+08.96, 115.05' LT.
2131	PT Sta 88+42.80	1105338.341	2498147.445	87+36.73, 114.51' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-37 DATA
 2148 PI STA. = 110+30.29
 $\Delta = 4^\circ 30' 10''$ (RT)
 D = 11° 27' 33"
 R = 500.00'
 T = 19.66'
 L = 39.30'
 E = 0.39'
 2147 P.R.C. STA. = 110+10.63
 2149 P.T. STA. = 110+49.93

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2147	PRC Sta 110+10.63	1106623.298	2496401.914	109+04.14, 95.60' LT.
2148	PI Sta 110+30.29	1106633.339	2496385.014	109+23.71, 97.37' LT.
2149	PT Sta 110+49.93	1107053.148	2496368.954	109+43.37, 97.58' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-31 DATA
 2133 PI STA. = 97+65.96
 $\Delta = 0^\circ 43' 31''$ (LT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 63.29'
 L = 126.58'
 E = 0.20'
 2132 P.C. STA. = 97+02.67
 2134 P.T. STA. = 98+29.25

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2132	PC Sta 97+02.67	1105855.591	2497460.545	95+96.44, 97.67' LT.
2133	PI Sta 97+65.96	1105893.664	2497409.984	96+59.72, 96.43' LT.
2134	PT Sta 98+29.25	1105931.094	2497358.945	97+23.01, 95.99' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-32 DATA
 2136 PI STA. = 101+06.25
 $\Delta = 0^\circ 15' 11''$ (LT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 22.08'
 L = 44.17'
 E = 0.02'
 2135 P.C. STA. = 100+84.17
 2137 P.T. STA. = 101+28.34

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2135	PC Sta 100+84.17	1106081.846	2497153.386	99+77.92, 94.23' LT.
2136	PI Sta 101+06.25	1106094.906	2497135.577	100+00.00, 94.08' LT.
2137	PT Sta 101+28.34	1106107.887	2497117.712	100+22.09, 94.02' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-33 DATA
 2139 PI STA. = 104+76.77
 $\Delta = 3^\circ 31' 48''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 30.81'
 L = 61.61'
 E = 0.47'
 2138 P.C. STA. = 104+45.95
 2140 P.R.C. STA. = 105+07.56

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2138	PC Sta 104+45.95	1106294.588	2496860.760	103+39.70, 93.22' LT.
2139	PI Sta 104+76.77	1106312.701	2496835.832	103+70.52, 93.15' LT.
2140	PRC Sta 105+07.56	1106332.314	2496812.066	104+01.27, 91.17' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-34 DATA
 2141 PI STA. = 105+73.03
 $\Delta = 7^\circ 29' 30''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 65.47'
 L = 130.75'
 E = 2.14'
 2140 P.R.C. STA. = 105+07.56
 2142 P.R.C. STA. = 106+38.31

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2140	PRC Sta 105+07.56	1106332.314	2496812.066	104+01.27, 91.17' LT.
2141	PI Sta 105+73.03	1106373.986	2496761.572	104+66.60, 86.98' LT.
2142	PRC Sta 106+38.31	1106408.719	2496706.075	105+31.93, 91.34' LT.

PROP. **B** BIKE PATH EMBANKMENT
 CURVE-35 DATA
 2143 PI STA. = 106+71.58
 $\Delta = 3^\circ 48' 39''$ (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 33.27'
 L = 66.51'
 E = 0.55'
 2142 P.R.C. STA. = 106+38.31
 2144 P.T. STA. = 107+04.82

POINT NUMBER	STATION	NORTHING	EASTING	MAINLINE (IL RTE. 29) STATION AND OFFSET
2142	PRC Sta 106+38.31	1106408.719	2496706.075	105+31.93, 91.34' LT.
2143	PI Sta 106+71.58	1106426.368	2496677.875	105+65.12, 93.55' LT.
2144	PT Sta 107+04.82	1106445.852	2496650.911	105+98.39, 93.56' LT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REFERENCE TIES
BIKE PATH **B COORDINATE DATA**

SCALE: N.T.S. DRAWN BY: R.A.H.
 DATE: 03/06/2012 CHECKED BY: J.M.M.