

BENCHMARK COORDINATES MANNHEIM ROAD				
	STATION	OFFSET	ELEVATION	DESCRIPTION
TBM7	113+87.34	69.30 LT	642.47	SQUARE CUT ON WINGWALL AT SW QUAD OF I190 AND MANNHEIM RD.

ALIGNMENT COORDINATES RAMP WBWB			
	STATION	N	E
POT	700+00.00	1937236.75	1108115.15
PC	701+32.24	1937339.21	1108031.56
PI	703+29.71	1937492.22	1107906.72
PCC	705+12.67	1937689.65	1107902.24
PI	706+42.89	1937819.83	1107899.29
PT	707+73.06	1937949.75	1107890.48
POT	709+98.60	1938173.07	1107858.93

ALIGNMENT COORDINATES MANNHEIM ROAD			
	STATION	N	E
POT	112+89.06	1935468.31	1107789.32
PC	132+23.42	1937401.95	1107842.10
PI	137+18.87	1937897.22	1107855.62
PT	142+11.87	1938387.45	1107783.92
PC	143+86.76	1938560.50	1107758.61
PI	149+18.59	1939086.74	1107681.65
PT	153+96.31	1939407.82	1107257.66
PC	158+91.25	1939706.62	1106257.68
PI	166+42.08	1940159.91	1106264.54
PT	172+87.00	1940910.70	1106257.68
POT	186+42.26	1942265.91	1106245.31
POT	200+31.82	1943655.45	1106238.69

ALIGNMENT COORDINATES BESSIE COLEMAN DRIVE			
	STATION	N	E
POT	5+00.00	1941377.17	1105937.55
POT	15+74.95	1940302.22	1105940.69

ALIGNMENT COORDINATES RAMP WBSB			
	STATION	N	E
PC	500+00.00	1935933.81	1107512.23
PI	506+58.11	1935984.04	1108168.42
PCC	510+21.63	1936398.55	1107657.26
PI	511+44.98	1936320.85	1107753.07
PT	512+50.81	1936197.55	1107749.70
POT	513+12.00	1936136.38	1107748.03

ALIGNMENT COORDINATES RAMP SBWB			
	STATION	N	E
PC	800+00.00	1937850.82	1107789.20
PI	802+57.60	1937593.56	1107802.46
PT	805+04.23	1937361.92	1107689.78
POT	808+65.75	1937036.82	1107531.65

ALIGNMENT COORDINATES HIGGINS ROAD			
	STATION	N	E
POT	490+00.00	1942552.04	1105287.48
POT	500+00.00	1942264.72	1106245.32
POT	509+98.41	1941970.49	1107199.39

ALIGNMENT COORDINATES RAMP NBWB			
	STATION	N	E
POT	600+00.00	1936144.44	1107856.29
PC	605+66.24	1936708.71	1107903.51
PI	606+11.56	1936753.87	1107907.29
PCC	606+54.26	1936789.38	1107935.44
PI	608+00.55	1936904.02	1108026.31
PT	608+70.19	1936796.38	1108125.37

ALIGNMENT COORDINATES ZEMKE BOULEVARD (EAST)			
	STATION	N	E
POT	60+00.00	1941077.51	1106256.16
POT	65+16.29	1941079.88	1106772.45

ALIGNMENT COORDINATES ZEMKE BOULEVARD (WEST)			
	STATION	N	E
POT	50+00.00	1941060.04	1105938.47
POT	53+17.83	1941061.50	1106256.31

MANNHEIM ROAD CURVE DATA:

PROP. CURVE PRMAN-4 PI STA. = 137+18.87 Δ = 9° 53' 04" (LT) D = 1° 00' 00" R = 5,729.58' T = 495.45' L = 988.44' E = 21.38' e = 2.00% T.R. = 96' S.E. RUN = 96' P.C. STA = 132+23.42 P.T. STA = 142+11.87	PROP. CURVE PRMAN-5 PI STA. = 149+18.59 Δ = 44° 32' 34" (LT) D = 4° 24' 44" R = 1,298.60' T = 531.84' L = 1,009.56' E = 104.69' e = 5.40% T.R. = 60' S.E. RUN = 260' P.C. STA = 143+86.76 P.T. STA = 153+96.31	PROP. CURVE PRMAN-6 PI STA. = 166+42.08 Δ = 52° 20' 26" (RT) D = 3° 45' 00" R = 1,527.89' T = 750.83' L = 1,395.74' E = 174.52' e = 5.00% T.R. = 60' S.E. RUN = 240' P.C. STA = 158+91.25 P.T. STA = 172+87.00
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RAMP WBSB CURVE DATA:

PROP. CURVE TIE_WBSB-1 PI STA. = 506+58.11 Δ = 223° 24' 58" (RT) D = 21° 52' 07" R = 262.00' T = 658.11' L = 1,021.63' E = 970.34' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 500+00.00 P.T. STA = 510+21.63	PROP. CURVE TIE_WBSB-2 PI STA. = 511+44.98 Δ = 52° 31' 28" (RT) D = 22° 55' 06" R = 250.00' T = 123.35' L = 229.18' E = 28.78' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 510+21.63 P.T. STA = 512+50.81
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RAMP NBWB CURVE DATA:

PROP. CURVE NBWB-1 PI STA. = 606+11.56 Δ = 33° 37' 18" (RT) D = 38° 11' 50" R = 150.00' T = 45.32' L = 88.02' E = 6.70' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 605+66.24 P.T. STA = 606+54.26	PROP. CURVE NBWB-2 PI STA. = 608+00.55 Δ = 98° 58' 18" (RT) D = 45° 50' 12" R = 125.00' T = 146.28' L = 215.92' E = 67.42' e = 5.60% T.R. = 64' S.E. RUN = 174' P.C. STA = 606+54.26 P.T. STA = 608+70.19
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RAMP WBWB CURVE DATA:

PROP. CURVE WBWB-1 PI STA. = 703+29.71 Δ = 37° 54' 31" (RT) D = 9° 57' 52" R = 575.00' T = 197.48' L = 380.44' E = 32.97' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 701+32.24 P.T. STA = 705+12.67	PROP. CURVE WBWB-2 PI STA. = 706+42.89 Δ = 2° 34' 38" (LT) D = 0° 59' 23" R = 5,789.08' T = 130.22' L = 260.39' E = 1.46' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 705+12.67 P.T. STA = 707+73.06
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RAMP SBWB CURVE DATA:

PROP. CURVE SBWB-1 PI STA. = 802+57.60 Δ = 28° 53' 26" (RT) D = 5° 43' 46" R = 1,000.00' T = 257.60' L = 504.23' E = 32.65' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA = 800+00.00 P.T. STA = 805+04.23



USER NAME = maurice.thrower
DESIGNED - MT
DRAWN - MT
CHECKED - VT
DATE - 10/19/2012

REVISIED -
REVISIED -
REVISIED -
REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS
MANNHEIM ROAD

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105-WRS	COOK	537	52
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				