

CONTROL POINTS		
POINT	NORTHING	EASTING
126	1,191,509.2582	1,987,893.5579
127	1,191,332.7300	1,988,033.9301
128	1,191,370.5080	1,987,967.5355
129	1,191,392.0750	1,987,929.6316
130	1,191,433.7548	1,987,916.8009
131	1,191,833.9500	1,988,948.2990
132	1,191,978.4508	1,989,417.7008
133	1,191,960.5577	1,989,908.5147
134	1,191,927.6108	1,990,812.2554
135	1,191,865.7907	1,992,579.6742
136	1,191,794.4306	1,994,653.4642
137	1,191,773.7776	1,995,253.6590
138	1,191,690.6054	1,995,848.4217
139	1,191,654.1684	1,996,108.9814
140	1,191,607.6460	1,996,487.4972
141	1,191,570.9962	1,996,703.7441
142	1,191,550.4678	1,997,303.9431
143	1,191,496.7060	1,998,875.8040
144	1,191,484.2299	1,999,240.5747
145	1,191,494.9630	1,999,605.4009
146	1,191,502.8170	1,999,872.3663
147	1,191,515.6937	2,000,310.0560
149	1,191,500.3612	2,000,622.0256
150	1,191,190.3733	2,000,583.4172
151	1,191,216.2835	2,000,592.7508
152	1,191,275.0470	2,000,613.9192
153	1,191,337.4666	2,000,616.1650
154	1,191,759.7086	2,000,640.4363
155	1,191,495.1611	2,000,747.4533

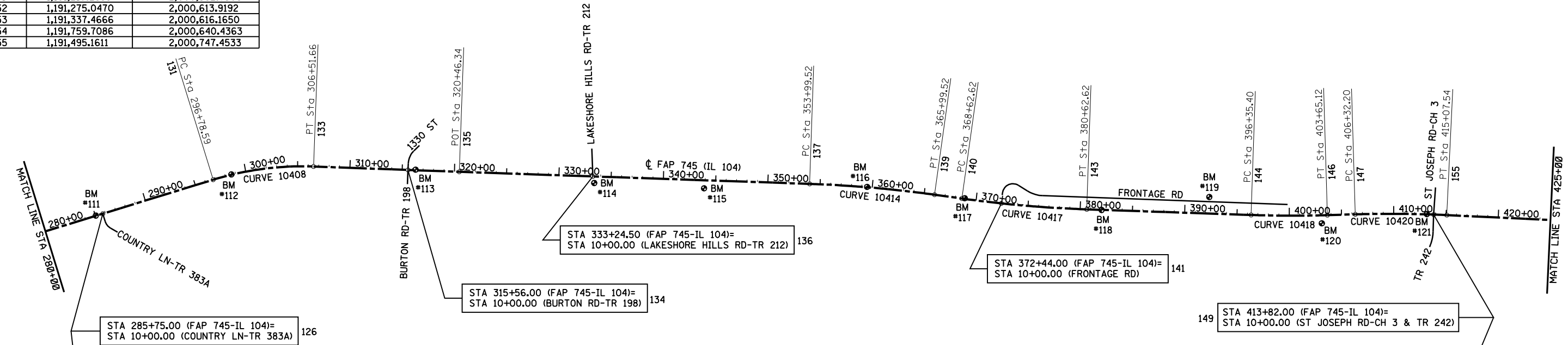
EXIST. CURVE 10408
 132 PI STA. = 301+69.73
 $\Delta = 19^\circ 11' 54''$ (RT)
 $D = 01^\circ 58' 23''$
 $R = 2,904.05'$
 $T = 491.14'$
 $L = 973.07'$
 $E = 41.24'$
 131 P.C. STA. = 296+78.59
 133 P.T. STA. = 306+51.66

EXIST. CURVE 10414
 138 PI STA. = 360+00.07
 $\Delta = 05^\circ 59' 24''$ (RT)
 $D = 00^\circ 29' 57''$
 $R = 11,478.57'$
 $T = 600.55'$
 $L = 1,200.01'$
 $E = 15.70'$
 137 P.C. STA. = 353+99.52
 139 P.T. STA. = 365+99.52

EXIST. CURVE 10417
 142 PI STA. = 374+63.17
 $\Delta = 06^\circ 00' 06''$ (LT)
 $D = 00^\circ 30' 01''$
 $R = 11,455.78'$
 $T = 600.55'$
 $L = 1,200.00'$
 $E = 15.73'$
 140 P.C. STA. = 368+62.62
 143 P.T. STA. = 380+62.62

EXIST. CURVE 10418
 145 PI STA. = 400+00.38
 $\Delta = 03^\circ 38' 39''$ (LT)
 $D = 00^\circ 29' 58''$
 $R = 11,473.52'$
 $T = 364.98'$
 $L = 729.72'$
 $E = 5.80'$
 144 P.C. STA. = 396+35.40
 146 P.T. STA. = 403+65.12

EXIST. CURVE 10420
 148 PI STA. = 410+70.08
 $\Delta = 04^\circ 22' 22''$ (RT)
 $D = 00^\circ 29' 58''$
 $R = 11,469.33'$
 $T = 437.88'$
 $L = 875.33'$
 $E = 8.36'$
 147 P.C. STA. = 406+32.20
 155 P.T. STA. = 415+07.54



BENCHMARKS			
MARK	STATION/OFFSET	ELEVATION	DESCRIPTION
BM #111	285+05, 2.5' LT	617.665	CHISELED "□" NEAR SE CORNER CONCRETE INLET STRUCTURE IN ϕ RTE 104 W. SIDE OF TURNAROUND AT LILLY POND RD 3.1 MILES EAST I-172
BM #112	298+60, 3.0' LT	655.119	CHISELED "□" ON NE CORNER CONCRETE INLET STRUCTURE IN ϕ RTE 104 200'± E. OF COURTESY ENTERPRISES 3.4 MILES EAST I-172
BM #113	316+28.18, 5.00' LT	681.064	CHISELED "□" ON NW CORNER GRATE INLET ϕ RTE 104 E. SIDE TURNAROUND - 1330TH ST (TO BURTON) SOUTH OF COURTESY ENTERPRISES 3.8 MILES EAST I-172
BM #114	333+40, 62.5' RT	693.776	CHISELED "□" ON W END GUTTER FLAG (RT SIDE RTE 104) NEAR END TO AMERITECH STA (TO LAKESHORE HILLS N.) E. 1350TH ST 4.0 MILES EAST I-172
BM #115	343+92, 77.4' RT	705.226	PUNCH HOLE IN W. END OF 15" CMP OF FIELD ENTRANCE (RT-RTE 104) 4.2 MILES EAST OF I-172
BM #116	359+50, 3.3' LT	695.007	CHISELED "□" NW CORNER INLET STRUCTURE (ϕ RTE 104) 4.5 MILES EAST I-172
BM #117	368+90, 6.4' LT	664.099	CHISELED "□" NW CORNER INLET STRUCTURE (ϕ RTE 104) 4.65 MILES EAST I-172
BM #118	382+05, 1.2' RT	681.395	CHISELED "□" ON E. SIDE OF CONCRETE INLET STRUCTURE (ϕ RTE 104) 4.9 MILES EAST I-172
BM #119	392+30, 158.5' LT	723.579	R/R SPIKE IN P.P. ON N. SIDE OF FRONTAGE RD 100' N. OF ENT TO ADDRESS #1459, 5.1 MILES EAST OF I-172
BM #120	403+10, 76.8' RT	720.215	PUNCH HOLE IN W. END OF 15" CMP OF FIELD ENTRANCE (RT-RTE 104) 5.3 MILES EAST OF I-172
BM #121	413+16.7, 2.3' LT	682.671	CHISELED "□" ON SW CORNER CONCRETE INLET STRUCTURE (ϕ RTE 104) W. SIDE OF TURNAROUND AT INTERSECTION 1500TH ST & RTE 104, 5.5 MILES EAST I-172

EXIST. CURVE 10437
 129 PI STA. = 8+81.57
 $\Delta = 43^\circ 15' 00''$ (RT)
 $D = 52^\circ 05' 03''$
 $R = 110.01'$
 $T = 43.61'$
 $L = 83.04'$
 $E = 8.33'$
 128 P.C. STA. = 8+37.96
 130 P.T. STA. = 9+21.00

152 EXIST. CURVE 10444
 PI STA. = 7+75.54
 $\Delta = 17^\circ 45' 00''$ (LT)
 $D = 14^\circ 19' 26''$
 $R = 400.00'$
 $T = 62.46'$
 $L = 123.92'$
 $E = 4.85'$
 151 P.C. STA. = 7+13.08
 153 P.T. STA. = 8+37.00

