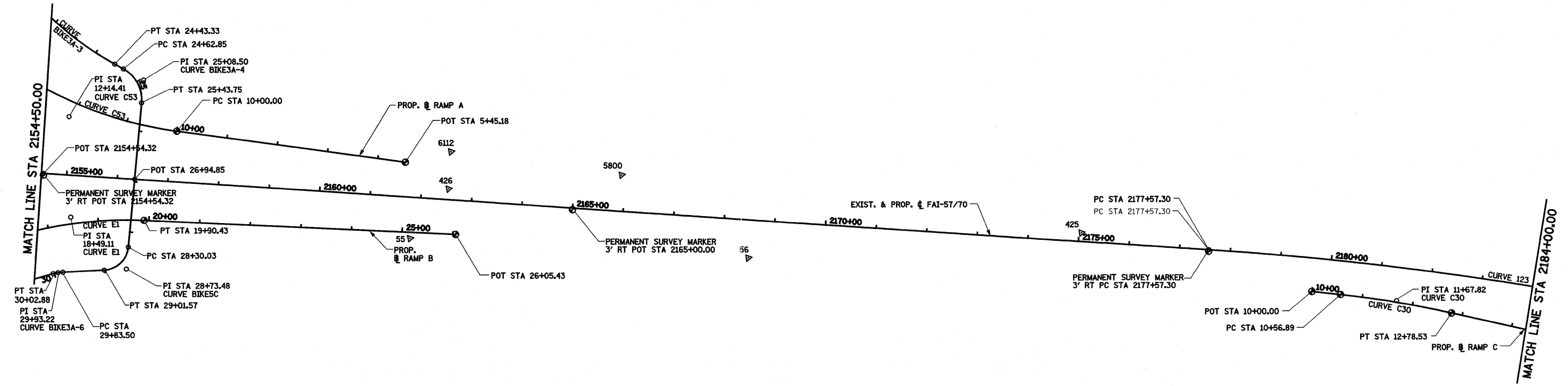




PROP. CURVE BIKE3A-3 PI STA = 22+87.01 Δ = 30° 26' 59" (LT) D = 9° 30' 12" R = 602.91' T = 164.09' L = 320.41' E = 21.93' e = 2.0% S.E. RUN = 35.50'/42.80' P.C. STA = 21+22.92 P.T. STA = 24+43.33 SE ATTAINED STA 20+99.89 TO STA 21+35.39 SE REMOVED STA 24+05.20 TO STA 24+48.00	PROP. CURVE BIKE3A-4 PI STA = 25+08.50 Δ = 66° 12' 45" (RT) D = 81° 51' 04" R = 70.00' T = 45.64' L = 80.89' E = 13.57' e = 2.0% S.E. RUN = 42.80'/27.51' P.C. STA = 24+62.85 P.T. STA = 25+43.75 SE ATTAINED STA 24+48.00 TO STA 24+90.80 SE REMOVED STA 25+22.34 TO STA 25+49.85	PROP. CURVE BIKE3-5C PI STA = 28+73.48 Δ = 81° 59' 02" (RT) D = 114° 35' 30" R = 50.00' T = 43.45' L = 71.54' E = 16.24' e = 2.0% S.E. RUN = 11.52'/60.55' P.C. STA = 28+30.03 P.T. STA = 29+01.57 SE ATTAINED STA 28+39.91 TO STA 28+51.43 SE REMOVED STA 28+78.30 TO STA 29+38.85	PROP. CURVE BIKE3A-6 PI STA = 29+93.22 Δ = 11° 06' 19" (LT) D = 57° 17' 45" R = 100.00' T = 9.72' L = 19.38' E = 0.47' e = 2.0% S.E. RUN = 60.55'/72.34' P.C. STA = 29+83.50 P.T. STA = 30+02.88 SE ATTAINED STA 29+38.85 TO STA 29+99.40 SE REMOVED STA 30+02.88 TO STA 30+75.22	EXIST. & PROP. FAI-57/70 CURVE C23 PI STA = 2221+23.36 Δ = 64° 49' 07" (RT) D = 0° 49' 59" R = 6,877.35' T = 4,366.06' L = 7,780.33' E = 1,268.84' e = 2.90% S.E. RUN = 112.50'/90.00' P.C. STA = 2174+62.30 P.T. STA = 2255+37.63 SE ATTAINED STA 2174+62.30 TO STA 2178+29.80 (2.00% TO 2.90%) SE REMOVED STA 2254+79.63 TO STA 2257+73.63 (2.90% TO 2.00%)	PROP. FAYETTE RAMP A CURVE C53 PI STA = 12+14.41 Δ = 31° 30' 34" (RT) D = 7° 32' 20" R = 760.00' T = 214.41' L = 417.96' E = 29.67' e = 8.00% T.R. = 48.00' S.E. RUN = 255.00' P.C. STA = 10+00.00 P.T. STA = 14+17.96 SE ATTAINED STA 8+60.00 TO STA 10+70.00 (2.00% TO 8.00%) SE REMOVED STA 13+32.96 TO STA 15+90.50 (8.00% TO 0.0%)	PROP. FAYETTE RAMP B CURVE E1 PI STA = 18+49.11 Δ = 21° 34' 00" (RT) D = 7° 32' 20" R = 760.00' T = 144.75' L = 286.07' E = 13.66' e = 8.00% T.R. = N/A S.E. RUN = 207.00' P.C. STA = 17+04.36 P.T. STA = 19+90.43 SE ATTAINED STA 15+90.36 TO STA 17+89.36 (1.50% TO 8.00%) SE REMOVED STA 18+60.43 TO STA 21+90.42 (8.00% TO 3.26%)	PROP. KELLER DRIVE RAMP C CURVE C30 PI STA = 11+67.82 Δ = 6° 11' 41" (RT) D = 2° 47' 42" R = 2,050.00' T = 110.93' L = 221.64' E = 3.00' P.C. STA = 10+56.89 P.T. STA = 12+78.53
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BENCHMARK * 805
NORTH EAST BOLT ON SIGN BASE IN MEDIAN OF I-57/70 SIGN SAYS "SOUTH MEMPHIS, WEST ST. LOUIS 2 MILES" STA 2158+86.00, 0.60' RT. ELEV 570.18

BENCHMARK * 2161
CHISELED "X" LIGHT POLE * 21 TOP OF NORTHEAST FOUNDATION BOLT WEST SIDE OF I-57/70 STA 2161+20.00, 75' LT. ELEV 570.53

BENCHMARK * 2165
CHISELED SQUARE EAST CONCRETE FOUNDATION OF ROAD SIGN (GAS & LODGING EXIT 159) WEST SIDE OF I-57/70 STA 2165+75.00, 78' LT. ELEV 566.02

BENCHMARK * 2172
CHISELED SQUARE EAST CONCRETE FOUNDATION OF ROAD SIGN (FOOD EXIT 159) WEST SIDE OF I-57/70 STA 2172+30.00, 78' LT. ELEV 567.41

BENCHMARK * 2179
CHISELED SQUARE EAST EDGE OF CONCRETE SIGN FOUNDATION WEST SIDE OF I-57/70. EXIT 159 FAYETTE AVENUE 1/4 MILE. STA 2179+00.00, 105' LT. ELEV 570.13

EXISTING & PROPOSED FAI-57/70

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2154+54.32	894454.01	917701.84
PC STA 2177+57.30	896690.22	918252.33
PI STA 2221+23.36	900929.72	919295.98
PT STA 2255+37.63	901789.10	923576.63

PROPOSED FAYETTE AVENUE RAMP A

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 5+45.18	895160.17	917805.64
PC STA 10+00.00	894727.19	917666.38
PI STA 12+14.41	894523.08	917600.73
PT STA 14+17.96	894383.38	917438.09

PROPOSED FAYETTE AVENUE RAMP B

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 17+04.36	894348.57	917818.44
PI STA 18+49.11	894491.60	917796.20
PT STA 19+90.43	894632.79	917828.08
POT STA 26+05.43	895232.68	917963.55

PROPOSED BIKE TRAIL

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 21+22.92	894445.47	917256.64
PI STA 22+87.01	894502.74	917410.41
PT STA 24+43.33	894630.04	917513.95
PC STA 24+62.85	894645.18	917526.26
PI STA 25+08.50	894680.59	917555.07
PT STA 25+43.75	894668.52	917599.08
POT STA 26+94.85	894628.55	917744.80
PC STA 28+30.03	894592.80	917875.17
PI STA 28+73.48	894581.31	917917.07
PT STA 29+01.57	894536.21	917911.54
PC STA 29+83.50	894456.95	917901.10
PI STA 29+93.22	894447.31	917895.86
PT STA 30+02.88	894437.61	917900.50

GROUND COORDINATES FOR PERMANENT SURVEY MARKERS

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
I-57/70		
POT STA 2154+54.32	894453.29	917704.75
POT STA 2165+00.00	895468.66	917954.70
PC STA 2177+57.30	896689.51	918255.25
FAYETTE RAMP A		
POT STA 5+45.18	895160.17	917805.64
PC STA 10+00.00	894727.19	917666.38
FAYETTE RAMP B		
PT STA 19+90.43	894632.79	917828.08
POT STA 26+05.43	895232.68	917963.55
KELLER RAMP C		
POT STA 10+00.00	896875.99	918369.31
PC STA 10+56.89	896930.60	918385.27
PT STA 12+78.53	897139.57	918458.80

PROPOSED KELLER DRIVE RAMP C

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	896875.99	918369.31
PC STA 10+56.89	896930.60	918385.27
PI STA 11+67.82	897037.07	918416.38
PT STA 12+78.53	897139.57	918458.80
PC STA 16+04.79	897441.03	918583.57
PI STA 19+80.94	897788.59	918721.41
PT STA 23+03.36	897885.01	919090.98
POT STA 27+49.68	897999.41	919522.40

CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
55	895142.72	917955.71
426	895234.80	917872.41
6112	895252.40	917800.89
5800	895576.05	917904.05
56	895793.12	918109.28
425	896448.84	918174.79

