

HORIZONTAL CURVE DATA

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	50-8 HBR	LASALLE	143	17
STA.		TO STA.		
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CURVE PLPRCLC01
 PROP. CURVE PLPRCLC01
 PI STA. = 311+10.06
 N = 1713642.4538
 E = 2574395.9800
 Δ = 1° 07' 47" (RT)
 D = 1° 29' 50"
 R = 3,826.77'
 T = 37.73'
 L = 75.45'
 E = 0.19'
 P.C. STA. = 310+72.33
 N = 1713611.6820
 E = 2574417.8080
 P.T. STA. = 311+47.79
 N = 1713673.6500
 E = 2574374.7630

CURVE PLPRCLC02
 PROP. CURVE PLPRCLC02
 PI STA. = 313+49.03
 N = 1713837.7930
 E = 2574258.3282
 Δ = 1° 00' 42" (RT)
 D = 0° 15' 52"
 R = 21,676.75'
 T = 191.35'
 L = 382.69'
 E = 0.84'
 P.C. STA. = 311+57.68
 N = 1713681.7207
 E = 2574369.0380
 P.T. STA. = 311+47.79
 N = 1713995.7954
 E = 2574150.3909

CURVE N2975TH-1
 PROP. CURVE N2975TH-1
 PI STA. = 126+69.16
 N = 1712553.0684
 E = 2574465.9571
 Δ = 34° 53' 39" (RT)
 D = 8° 48' 53"
 R = 650.00'
 T = 204.28'
 L = 395.86'
 E = 31.35'
 P.C. STA. = 124+64.87
 N = 1712557.0611
 E = 2574261.7118
 P.T. STA. = 128+60.73
 N = 1712432.9526
 E = 2574631.1971

CURVE N2975TH-2
 PROP. CURVE N2975TH-2
 PI STA. = 134+92.60
 N = 1712061.4242
 E = 2575142.2987
 Δ = 40° 14' 03" (LT)
 D = 12° 03' 44"
 R = 475.00'
 T = 173.99'
 L = 333.55'
 E = 30.86'
 P.C. STA. = 133+18.62
 N = 1712163.7254
 E = 2575001.5657
 P.T. STA. = 136+52.17
 N = 1712074.2280
 E = 2575315.8135

CURVE FRONTAG-1
 PROP. CURVE FRONTAG-1
 PI STA. = 244+73.21
 N = 1712957.4683
 E = 2574263.3771
 Δ = 41° 22' 29" (LT)
 D = 10° 08' 27"
 R = 565.00'
 T = 213.35'
 L = 408.00'
 E = 38.94'
 P.C. STA. = 242+59.86
 N = 1712928.3451
 E = 2574052.0204
 P.T. STA. = 246+67.86
 N = 1713119.0252
 E = 2574402.7296

CURVE FRONTAG-2
 PROP. CURVE FRONTAG-2
 PI STA. = 251+68.85
 N = 1713498.3887
 E = 2574729.9533
 Δ = 40° 07' 58" (RT)
 D = 16° 41' 39"
 R = 343.21'
 T = 125.37'
 L = 240.40'
 E = 22.18'
 P.C. STA. = 250+43.48
 N = 1713403.4568
 E = 2574648.0689
 P.T. STA. = 252+83.88
 N = 1713518.1896
 E = 2574853.7477

CURVE FRONTAG-3
 PROP. CURVE FRONTAG-3
 PI STA. = 253+70.92
 N = 1713531.9365
 E = 2574939.6927
 Δ = 7° 23' 19" (RT)
 D = 4° 15' 01"
 R = 1,348.02'
 T = 87.04'
 L = 173.83'
 E = 2.81'
 P.C. STA. = 252+83.88
 N = 1713518.1896
 E = 2574853.7477
 P.T. STA. = 254+57.72
 N = 1713534.5170
 E = 2575026.6918

CURVE NERAMP-1
 PROP. CURVE NERAMP-1
 PI STA. = 167+24.78
 N = 1713212.6809
 E = 2575025.0902
 Δ = 40° 06' 18" (RT)
 D = 12° 43' 57"
 R = 450.00'
 T = 164.25'
 L = 314.98'
 E = 29.04'
 P.C. STA. = 165+60.53
 N = 1713200.5934
 E = 2574861.2822
 P.T. STA. = 168+75.51
 N = 1713116.4029
 E = 2575158.1681

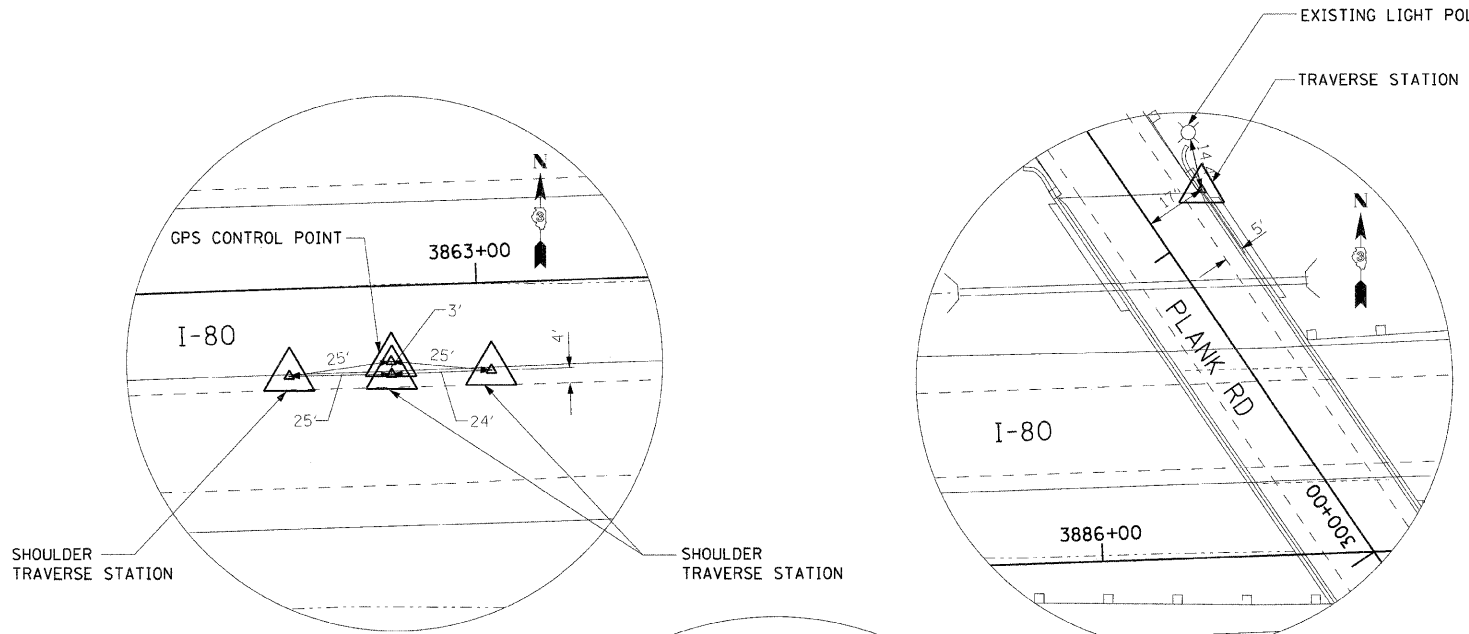
CURVE NWRAMP-1
 PROP. CURVE NWRAMP-1
 PI STA. = 177+82.38
 N = 1712791.0643
 E = 2574376.7678
 Δ = 43° 22' 36" (LT)
 D = 8° 04' 11"
 R = 710.00'
 T = 282.38'
 L = 537.52'
 E = 54.09'
 P.C. STA. = 175+00.00
 N = 1712762.3150
 E = 2574095.8587
 P.T. STA. = 180+37.52
 N = 1713004.8870
 E = 2574561.2027

CURVE SWRAMP-1
 PROP. CURVE SWRAMP-1
 PI STA. = 144+38.62
 N = 1712241.6727
 E = 2575048.1065
 Δ = 32° 32' 13" (LT)
 D = 12° 03' 44"
 R = 475.00'
 T = 138.62'
 L = 269.74'
 E = 19.81'
 P.C. STA. = 143+00.00
 N = 1712307.4249
 E = 2574926.0771
 P.T. STA. = 145+69.74
 N = 1712251.8736
 E = 2575186.3471

CURVE SERAMP-1
 PROP. CURVE SERAMP-1
 PI STA. = 139+87.87
 N = 1712675.8426
 E = 2575680.9437
 Δ = 46° 31' 00" (RT)
 D = 8° 29' 18"
 R = 675.00'
 T = 290.12'
 L = 548.01'
 E = 59.71'
 P.C. STA. = 136+97.75
 N = 1712456.1565
 E = 2575491.4512
 P.T. STA. = 142+45.76
 N = 1712689.5270
 E = 2575970.7404

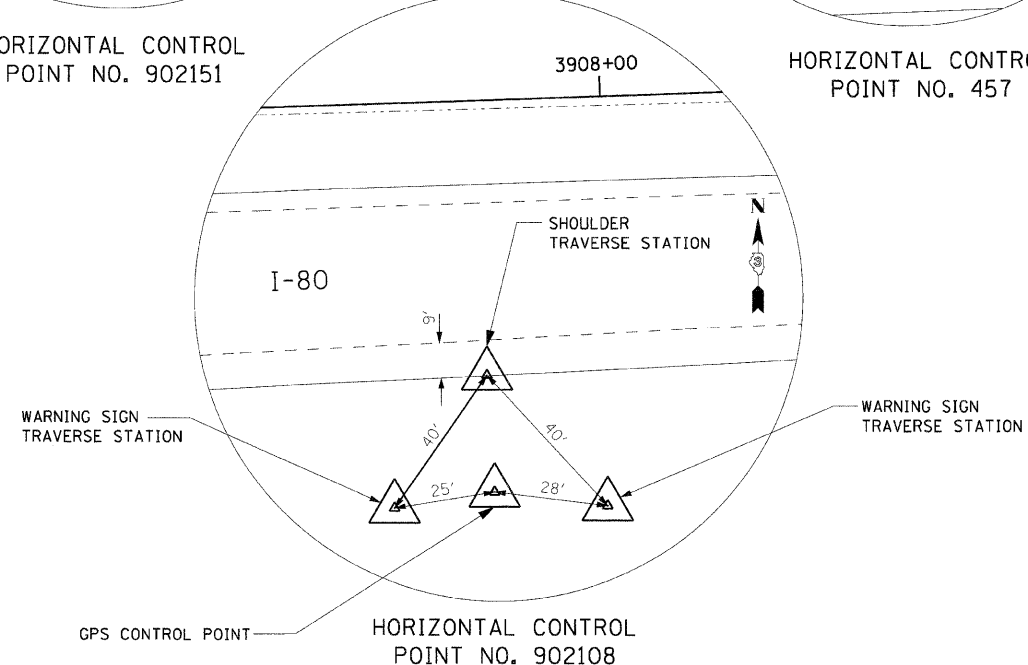
BENCHMARK INFORMATION

POINT	N. COORDINATE	E COORDINATE	STATION (I-80)	OFFSET	ELEVATION	DESCRIPTION
457	1712824.9710	2574973.4070	3886+30.9229	101.5617' LT	676.7510	CROSS CUT, WALL
902108	1712701.1260	2577118.8100	3907+70.7668	96.3258' RT	651.2640	GPS CONTROL POINT, PIN
902151	1712623.5610	2572626.5100	3862+78.4687	18.6508' RT	645.4090	GPS CONTROL POINT, PIN



HORIZONTAL CONTROL POINT NO. 902151

HORIZONTAL CONTROL POINT NO. 457



HORIZONTAL CONTROL POINT NO. 902108

DESCRIPTION	STATION	N. COORDINATE	E COORDINATE
CL PLANK ROAD	287+39.66	1711682.8340	2575729.6490
CL PLANK ROAD	310+72.33	1713611.6820	2574417.8080
CL I-80	3885+00.00	1712718.9470	2574846.0709
CL I-80	3889+00.00	1712732.7656	2575245.8321

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 UNDER FAU 6097 (PLANK ROAD)

ALIGNMENT & TIES

SCALE: VERT. NONE
 HORIZ. N.T.S.
 DATE: 12/02/09
 DRAWN BY: ENTRAN/CAD
 CHECKED BY: TMH

PLOT DATE = 2/4/2010
 FILE NAME = s:\projects\2009\8893\001\roads\PLANKRD.dwg
 PLOT SCALE = 100.00' / IN.
 PLOT TIME = 4:08:42 PM

