

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	227
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PROP. CURVE TRANSD (TRANSITION D)
 PI STA. = 4+58.20
 $\Delta = 5^\circ 14' 49''$ (RT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 458.20'
 L = 915.75'
 E = 10.49'
 e = NC
 P.C. STA. = 0+00.00
 P.T. STA. = 9+15.75
 S.E. TRANSITION
 STA 9+16.0 (+1.5%) TO STA 10+12.0 (-1.5%) LT LANE

PROP. CURVE X002 (CROSSOVER B)
 PI STA. = 22+77.43
 $\Delta = 6^\circ 24' 56''$ (LT)
 D = 1° 09' 27"
 R = 4,950.00'
 T = 277.43'
 L = 554.28'
 E = 7.77'
 e = 1.5%
 P.C. STA. = 20+00.00
 P.T. STA. = 25+54.28
 S.E. TRANSITION
 STA 24+56.8 (+1.5%) TO STA 25+14.0 (-1.5%)

PROP. CURVE X003 (CROSSOVER B)
 PI STA. = 28+31.70
 $\Delta = 6^\circ 24' 56''$ (RT)
 D = 1° 09' 27"
 R = 4,950.00'
 T = 277.43'
 L = 554.28'
 E = 7.77'
 e = -1.5%
 P.C. STA. = 25+54.28
 P.T. STA. = 31+08.55

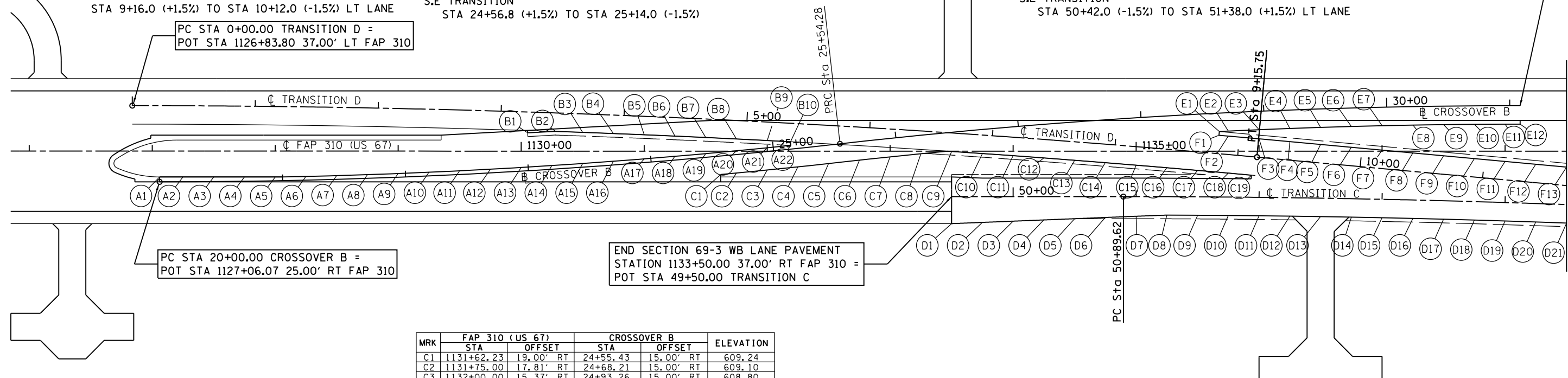
PROP. CURVE TRANSD (TRANSITION C)
 PI STA. = 55+47.82
 $\Delta = 5^\circ 14' 49''$ (RT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 458.20'
 L = 915.75'
 E = 10.49'
 e = 1.5%
 P.C. STA. = 50+89.62
 P.T. STA. = 60+05.37
 S.E. TRANSITION
 STA 50+42.0 (-1.5%) TO STA 51+38.0 (+1.5%) LT LANE

PT STA 31+08.55 CROSSOVER B =
 POT STA 1138+12.30 37.00' LT FAP 310

PC STA 0+00.00 TRANSITION D =
 POT STA 1126+83.80 37.00' LT FAP 310

PC STA 20+00.00 CROSSOVER B =
 POT STA 1127+06.07 25.00' RT FAP 310

END SECTION 69-3 WB LANE PAVEMENT
 STATION 1133+50.00 37.00' RT FAP 310 =
 POT STA 49+50.00 TRANSITION C



MRK	FAP 310 (US 67) STA	OFFSET	CROSSOVER B STA	OFFSET	ELEVATION
A1	1127+06.07	21.00' RT	20+00.00	4.00' LT	610.87
A2	1127+25.00	21.00' RT	20+18.95	3.96' LT	610.80
A3	1127+50.00	21.00' RT	20+43.97	3.80' LT	610.71
A4	1127+75.00	21.00' RT	20+68.98	3.52' LT	610.63
A5	1128+00.00	21.00' RT	20+94.00	3.11' LT	610.54
A6	1128+25.00	20.57' RT	21+19.02	3.00' LT	610.45
A7	1128+50.00	19.91' RT	21+44.04	3.00' LT	610.35
A8	1128+75.00	19.11' RT	21+69.07	3.00' LT	610.25
A9	1129+00.00	18.20' RT	21+94.10	3.00' LT	610.15
A10	1129+25.00	17.15' RT	22+19.14	3.00' LT	610.04
A11	1129+50.00	15.98' RT	22+44.18	3.00' LT	609.94
A12	1129+75.00	14.68' RT	22+69.23	3.00' LT	609.83
A13	1130+00.00	13.26' RT	22+94.29	3.00' LT	609.72
A14	1130+25.00	11.71' RT	23+19.35	3.00' LT	609.61
A15	1130+50.00	10.03' RT	23+44.42	3.00' LT	609.50
A16	1130+75.00	8.22' RT	23+69.50	3.00' LT	609.39
A17	1131+00.00	6.29' RT	23+94.59	3.00' LT	609.27
A18	1131+25.00	4.23' RT	24+19.69	3.00' LT	609.15
A19	1131+50.00	2.04' RT	24+44.80	3.00' LT	609.03
A20	1131+75.00	0.28' LT	24+69.92	3.00' LT	608.94
A21	1132+00.00	2.72' LT	24+95.06	3.00' LT	608.90
A22	1132+18.86	4.65' LT	25+14.03	3.00' LT	608.83

MRK	FAP 310 (US 67) STA	OFFSET	CROSSOVER B STA	OFFSET	ELEVATION
C1	1131+62.23	19.00' RT	24+55.43	15.00' RT	609.24
C2	1131+75.00	17.81' RT	24+68.21	15.00' RT	609.10
C3	1132+00.00	15.37' RT	24+93.26	15.00' RT	608.80
C4	1132+25.00	12.81' RT	25+18.31	15.00' RT	608.55
C5	1132+50.00	10.12' RT	25+43.38	15.00' RT	608.50
C6	1132+75.00	7.34' RT	25+68.55	15.00' RT	608.45
C7	1133+00.00	4.66' RT	25+93.76	15.00' RT	608.41
C8	1133+25.00	2.12' RT	26+18.97	15.00' RT	608.36
C9	1133+50.00	0.25' RT	26+44.11	15.55' RT	608.30
MRK	FAP 310 (US 67) STA	OFFSET	TRANSITION D STA	OFFSET	ELEVATION
C9	1133+50.00	0.25' RT	6+67.69	15.00' RT	608.30
C10	1133+75.00	1.95' RT	6+92.79	15.00' RT	608.18
C11	1134+00.00	3.72' RT	7+17.89	15.00' RT	608.07
C12	1134+25.00	5.55' RT	7+42.99	15.00' RT	607.95
C13	1134+50.00	7.44' RT	7+68.10	15.00' RT	607.84
C14	1134+75.00	9.40' RT	7+93.22	15.00' RT	607.72
C15	1135+00.00	11.41' RT	8+18.33	15.00' RT	607.60
C16	1135+25.00	13.50' RT	8+43.46	15.00' RT	607.49
C17	1135+50.00	15.64' RT	8+68.59	15.00' RT	607.37
C18	1135+75.00	17.85' RT	8+93.72	15.00' RT	607.22
C19	1135+93.66	19.54' RT	9+12.49	15.00' RT	607.12

MRK	FAP 310 (US 67) STA	OFFSET	TRANSITION C STA	OFFSET	ELEVATION
D1	1133+50.00	59.00' RT	49+50.00	22.00' RT	608.53
D2	1133+75.00	58.00' RT	49+75.00	21.00' RT	608.43
D3	1134+00.00	57.00' RT	50+00.00	20.00' RT	608.30
D4	1134+25.00	56.00' RT	50+25.00	19.00' RT	608.13
D5	1134+50.00	55.00' RT	50+50.00	18.00' RT	607.91
D6	1134+75.00	54.00' RT	50+75.00	17.00' RT	607.66
D7	1135+00.00	53.00' RT	51+00.02	16.00' RT	607.39
D8	1135+25.00	52.06' RT	51+25.05	15.00' RT	607.15
D9	1135+50.00	52.18' RT	51+50.09	15.00' RT	606.93
D10	1135+75.00	52.37' RT	51+75.13	15.00' RT	606.74
D11	1136+00.00	52.61' RT	52+00.17	15.00' RT	606.58
D12	1136+25.00	52.92' RT	52+25.21	15.00' RT	606.41
D13	1136+50.00	53.29' RT	52+50.25	15.00' RT	606.20
D14	1136+75.00	53.72' RT	52+75.29	15.00' RT	605.95
D15	1137+00.00	54.22' RT	53+00.33	15.00' RT	605.66
D16	1137+25.00	54.77' RT	53+25.38	15.00' RT	605.33
D17	1137+50.00	55.40' RT	53+50.42	15.00' RT	604.96
D18	1137+75.00	56.08' RT	53+75.47	15.00' RT	604.55
D19	1138+00.00	56.83' RT	54+00.52	15.00' RT	604.11
D20	1138+25.00	57.63' RT	54+25.57	15.00' RT	603.64
D21	1138+50.00	58.51' RT	54+50.62	15.00' RT	603.18

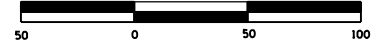
MRK	FAP 310 (US 67) STA	OFFSET	CROSSOVER B STA	OFFSET	ELEVATION
E1	1135+67.67	15.93' LT	28+63.07	15.00' RT	607.78
E2	1135+75.00	16.29' LT	28+70.44	15.00' RT	607.76
E3	1136+00.00	17.43' LT	28+95.54	15.00' RT	607.69
E4	1136+25.00	18.44' LT	29+20.63	15.00' RT	607.61
E5	1136+50.00	19.33' LT	29+45.73	15.00' RT	607.54
E6	1136+75.00	20.09' LT	29+70.81	15.00' RT	607.46
E7	1137+00.00	20.72' LT	29+95.90	15.00' RT	607.39
E8	1137+25.00	21.23' LT	30+20.98	15.00' RT	607.31
E9	1137+50.00	21.61' LT	30+46.06	15.00' RT	607.22
E10	1137+75.00	21.86' LT	30+71.13	15.00' RT	607.14
E11	1138+00.00	21.98' LT	30+96.21	15.00' RT	607.05
E12	1138+12.30	22.00' LT	31+08.55	15.00' RT	607.01

MRK	FAP 310 (US 67) STA	OFFSET	TRANSITION D STA	OFFSET	ELEVATION
F1	1135+67.40	12.94' LT	8+83.42	15.00' LT	607.73
F2	1135+75.00	12.27' LT	8+91.04	15.00' LT	607.68
F3	1136+00.00	10.00' LT	9+16.10	15.00' LT	607.52
F4	1136+25.00	7.71' LT	9+41.21	15.00' LT	607.21
F5	1136+50.00	5.41' LT	9+66.32	15.00' LT	606.85
F6	1136+75.00	3.12' LT	9+91.42	15.00' LT	606.46
F7	1137+00.00	0.82' LT	10+16.53	15.00' LT	606.05
F8	1137+25.00	1.47' RT	10+41.63	15.00' LT	605.70
F9	1137+50.00	3.77' RT	10+66.74	15.00' LT	605.31
F10	1137+75.00	6.07' RT	10+91.84	15.00' LT	604.88
F11	1138+00.00	8.36' RT	11+16.95	15.00' LT	604.41
F12	1138+25.00	10.66' RT	11+42.05	15.00' LT	603.93
F13	1138+50.00	12.95' RT	11+67.16	15.00' LT	603.44

MRK	FAP 310 (US 67) STA	OFFSET	TRANSITION D STA	OFFSET	ELEVATION
B1	1130+05.25	14.83' LT	3+22.05	16.99' RT	609.73
B2	1130+27.94	16.07' LT	3+44.72	15.00' RT	609.67
B3	1130+50.00	15.28' LT	3+66.83	15.00' RT	609.58
B4	1130+75.00	14.33' LT	3+91.88	15.00' RT	609.48
B5	1131+00.00	13.32' LT	4+16.94	15.00' RT	609.37
B6	1131+25.00	12.25' LT	4+42.00	15.00' RT	609.27
B7	1131+50.00	11.11' LT	4+67.07	15.00' RT	609.17
B8	1131+75.00	9.91' LT	4+92.13	15.00' RT	609.06
B9	1132+00.00	8.65' LT	5+17.20	15.00' RT	608.95
B10	1132+19.02	7.65' LT	5+36.28	15.00' RT	608.87

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GEOMETRIC DETAILS
 TRANSITION D
 FAP 310 (US 67/IL 104)
 SHEET 22 OF 23
 DRAWN BY B.G.J.
 CHECKED BY
 DATE 9/09



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 Mar-30-2011 08:47:07 AM
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