F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15HB-3	MADISON	93	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76706

EX US 67 CURVE B1 DATA
PI STA = 67+54.39 (405)
Δ = 44° 30′ 37″ LT
D = 3° 59′ 57″
R = 1,432.70′
T = 586.28′
L = 1,112.99′
E = 115.32′
PC STA = 61+68.11 (404)
PT STA = 72+81.10 (406)

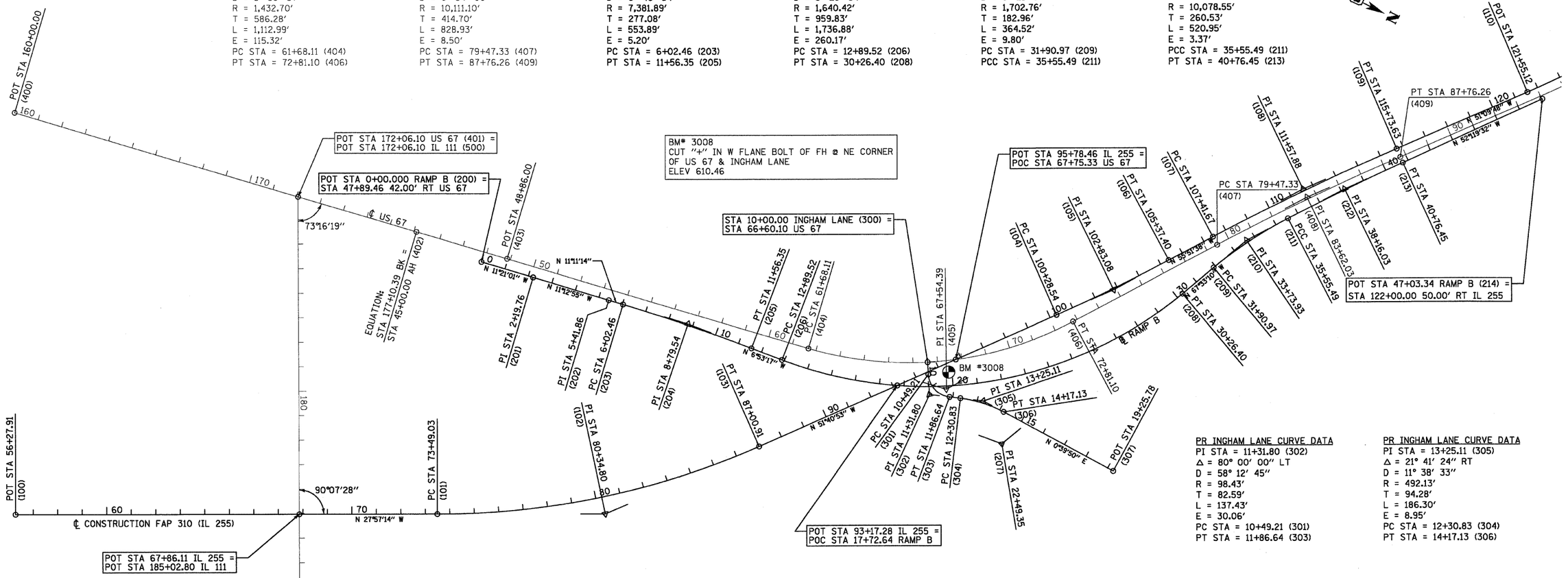
EX US 67 CURVE B2 DATA
PI STA = 83+62.03 (408)
Δ = 4° 41′ 50″ RT
D = 0° 34′ 00″
R = 10,111.10′
T = 414.70′
L = 828.93′
E = 8.50′
PC STA = 79+47.33 (407)
PT STA = 87+76.26 (409)

PR RAMP B CURVE N1 DATA
PI STA = 8+79.54 (204)
Δ = 4° 17′ 57″ RT
D = 0° 46′ 34″
R = 7,381.89′
T = 277.08′
L = 553.89′
E = 5.20′
PC STA = 6+02.46 (203)
PT STA = 11+56.35 (205)

PR RAMP B CURVE N2 DATA
PI STA = 22+49.35 (207)
Δ = 60° 39′ 53″ LT
D = 3° 29′ 34″
R = 1,640.42′
T = 959.83′
L = 1,736.88′
E = 260.17′
PC STA = 12+89.52 (206)
PT STA = 30+26.40 (208)

PR RAMP B CURVE N3 DATA
PI STA = 33+73.93 (210)
Δ = 12° 15′ 57″ RT
D = 3° 21′ 54″
R = 1,702.76′
T = 182.96′
L = 364.52′
E = 9.80′
PC STA = 31+90.97 (209)
PCC STA = 35+55.49 (211)

PR RAMP B CURVE N4 DATA
PI STA = 38+16.03 (212)
Δ = 2° 57′ 42″ RT
D = 0° 34′ 07″
R = 10,078.55′
T = 260.53′
L = 520.95′
E = 3.37′
PCC STA = 35+55.49 (211)
PT STA = 40+76.45 (213)



PR INGHAM LANE CURVE DATA
PI STA = 11+31.80 (302)
Δ = 80° 00′ 00″ LT
D = 58° 12′ 45″
R = 98.43′
T = 82.59′
L = 137.43′
E = 30.06′
PC STA = 10+49.21 (301)
PT STA = 11+86.64 (303)

PR INGHAM LANE CURVE DATA
PI STA = 13+25.11 (305)
Δ = 21° 41′ 24″ RT
D = 11° 38′ 33″
R = 492.13′
T = 94.28′
L = 186.30′
E = 8.95′
PC STA = 12+30.83 (304)
PT STA = 14+17.13 (306)

PR IL 255 CURVE A2 DATA
PI STA = 80+34.80 (102)
Δ = 23° 43′ 39″ LT
D = 1° 45′ 19″
R = 3,264.43′
T = 685.77′
L = 1,351.88′
E = 71.25′
PC STA = 73+49.03 (101)
PT STA = 87+00.91 (103)

PR IL 255 CURVE A3 DATA
PI STA = 102+83.08 (105)
Δ = 4° 10′ 45″ LT
D = 0° 49′ 17″
R = 6,976.16′
T = 254.54′
L = 508.86′
E = 4.64′
PC STA = 100+28.54 (104)
PT STA = 105+37.40 (106)

PR IL 255 CURVE A4 DATA
PI STA = 111+57.88 (108)
Δ = 4° 41′ 50″ RT
D = 0° 33′ 53″
R = 10,148.10′
T = 416.21′
L = 831.96′
E = 8.53′
PC STA = 107+41.67 (107)
PT STA = 115+73.63 (109)

CONTROL POINTS - IL 255 (TIES ON SHEET 10)

POINT	DESCRIPTION	NORTHING	EASTING
100	POT STA 56+27.91	837,868.79	2,290,838.86
101	PC STA 73+49.03	839,389.10	2,290,032.07
102	PI STA 80+34.80	839,994.85	2,289,710.61
103	PT STA 87+00.91	840,420.05	2,289,172.58
104	PC STA 100+28.54	841,243.23	2,288,130.95
105	PI STA 102+83.08	841,401.05	2,287,931.24
106	PT STA 105+37.40	841,543.90	2,287,720.57
107	PC STA 107+41.67	841,658.54	2,287,551.49
108	PI STA 111+57.88	841,892.13	2,287,207.00
109	PT STA 115+73.63	842,153.13	2,286,882.80
110	POT STA 121+55.12	842,517.78	2,286,429.86

CONTROL POINTS - US 67

POINT	DESCRIPTION	NORTHING	EASTING
400	POT STA 160+00.00	837,099.01	2,289,389.23
401	POT STA 172+06.10	838,281.52	2,289,151.86
402	POT STA 45+00.00	838,775.95	2,289,052.62
403	POT STA 48+86.00	839,154.40	2,288,976.65
404	PC STA 61+68.11	840,411.43	2,288,724.32
405	PI STA 67+54.39	840,986.25	2,288,608.93
406	PT STA 72+81.10	841,315.27	2,288,123.68
407	PC STA 79+47.33	841,689.17	2,287,572.26
408	PI STA 83+62.03	841,921.90	2,287,229.02
409	PT STA 87+76.26	842,181.95	2,286,906.00

CONTROL POINTS - INGHAM LANE (TIES ON SHEET 11)

POINT	DESCRIPTION	NORTHING	EASTING
300	POT STA 10+00.00	840,867.92	2,288,547.37
301	PC STA 10+49.21	840,893.28	2,288,589.54
302	PI STA 11+31.80	840,935.85	2,288,660.31
303	PT STA 11+86.64	841,012.94	2,288,630.68
304	PC STA 12+30.83	841,054.19	2,288,614.83
305	PI STA 13+25.11	841,142.19	2,288,581.00
306	PT STA 14+17.13	841,236.46	2,288,582.09
307	POT STA 19+25.78	841,745.07	2,288,587.99

CONTROL POINTS - RAMP B

POINT	DESCRIPTION	NORTHING	EASTING
200	PI STA 0+00.00	839,068.01	2,289,036.83
201	PI STA 2+19.76	839,283.47	2,288,993.58
202	PI STA 5+41.86	839,599.42	2,288,930.93
203	PC STA 6+02.46	839,658.87	2,288,919.17
204	PI STA 8+79.54	839,930.68	2,288,865.41
205	PT STA 11+56.35	840,205.76	2,288,832.18
206	PC STA 12+89.52	840,337.96	2,288,816.21
207	PI STA 22+49.35	841,290.86	2,288,701.10
208	PT STA 30+26.40	841,657.36	2,287,814.00
209	PC STA 31+90.97	841,720.20	2,287,661.89
210	PI STA 33+73.93	841,790.06	2,287,492.79
211	PCC STA 35+55.49	841,894.25	2,287,342.40
212	PI STA 38+16.03	842,042.61	2,287,128.23
213	PT STA 40+76.45	842,201.84	2,286,922.02
214	POT STA 47+03.34	842,584.99	2,286,425.83

CONTROL POINTS - IL 111

POINT	DESCRIPTION	NORTHING	EASTING
500	POT STA 172+06.10	838,281.52	2,289,151.86
501	POT STA 202+06.10	839,693.56	2,291,798.78

400 200 0 400
GRAPHIC SCALE (IN FEET)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT & HORIZONTAL CONTROL
FAP 310 (ILL 255)
SECTION 60-15HB-3
MADISON COUNTY

SCALE: VERT. HORIZ. 1″=200′
DATE
DRAWN BY SEB
CHECKED BY

11/18/2008
pw:\\DOFiles\2008024\dfl\over-bridge\road-plans\front-sheets\alignm01.dgn