



PR CURVE ACRD02
 402 PI STA = 5+329.142
 $\Delta = 27^\circ 02' 13''$ (RT)
 R = 600.000 m
 T = 144.251 m
 L = 283.129 m
 E = 17.097 m
 SE = NONE
 401 PC STA = 5+184.891
 403 PT STA = 5+468.020

PR CURVE ACRD03
 405 PI STA = 5+631.743
 $\Delta = 5^\circ 02' 46''$ (RT)
 R = 600.000 m
 T = 26.438 m
 L = 52.841 m
 E = 0.582 m
 SE = NONE
 404 PC STA = 5+605.306
 406 PT STA = 5+658.147

PR CURVE RAMP F-3
 308 PI STA = 0+456.364
 $\Delta = 11^\circ 08' 11''$ (LT)
 R = 800.000 m
 T = 77.993 m
 L = 155.494 m
 E = 3.793 m
 SE = 5.5% (MATCH FAP 310)
 307 PC STA = 0+378.372
 309 PT STA = 0+533.866

PR CURVE RAMP F-2
 305 PI STA = 0+283.025
 $\Delta = 30^\circ 13' 51''$ (RT)
 R = 255.000 m
 T = 68.878 m
 L = 134.545 m
 E = 9.138 m
 SE = 6.0%
 304 PC STA = 0+214.147
 306 PT STA = 0+348.692

PR CURVE RAMP F-1
 302 PI STA = 0+110.452
 $\Delta = 16^\circ 15' 07''$ (LT)
 R = 225.000 m
 T = 32.126 m
 L = 63.821 m
 E = 2.282 m
 SE = 5.6%
 301 PC STA = 0+078.325
 303 PT STA = 0+142.147

PR CURVE RAMP C-3
 328 PI STA = 0+485.079
 $\Delta = 8^\circ 36' 51''$ (LT)
 R = 505.000 m
 T = 38.034 m
 L = 75.925 m
 E = 1.430 m
 SE = 3.9%
 327 PC STA = 0+447.045
 329 PT STA = 0+522.970

PR CURVE RAMP C-2
 325 PI STA = 0+312.094
 $\Delta = 31^\circ 49' 47''$ (RT)
 R = 255.000 m
 T = 72.710 m
 L = 141.661 m
 E = 10.164 m
 SE = 6.0%
 324 PC STA = 0+239.384
 326 PT STA = 0+381.045

PR CURVE RAMP C-1
 323 PI STA = 0+135.414
 $\Delta = 12^\circ 16' 00''$ (RT)
 R = 975.000 m
 T = 104.772 m
 L = 208.742 m
 E = 5.613 m
 SE = 4.8% (MATCH FAP 310)
 322 PC STA = 0+030.642
 324 PT STA = 0+239.384

PR CURVE RAMP E-1
 311 PI STA = 0+027.227
 $\Delta = 4^\circ 09' 29''$ (RT)
 R = 750.000 m
 T = 27.227 m
 L = 54.429 m
 E = 0.494 m
 SE = 5.5% (MATCH FAP 310)
 310 PC STA = 0+000.000
 312 PT STA = 0+054.429

PR CURVE RAMP E-2
 314 PI STA = 0+154.487
 $\Delta = 10^\circ 52' 32''$ (RT)
 R = 255.000 m
 T = 24.274 m
 L = 48.402 m
 E = 1.153 m
 SE = 6.0%
 313 PC STA = 0+130.213
 315 PT STA = 0+178.615

PR CURVE IL 111
 332 PI STA = 30+696.467
 $\Delta = 49^\circ 37' 45''$ (LT)
 R = 671.750 m
 T = 310.599 m
 L = 581.864 m
 E = 68.331 m
 SE = 5.0%
 331 PC STA = 30+385.868
 333 PT STA = 30+967.732

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-19NB-102	MADISON	149	10
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76634				

POINT	CONTROL POINTS	
	NORTHING	EASTING
300	255,628.6235	697,960.6452
301	255,571.4148	698,014.1432
302	255,547.9498	698,036.0863
303	255,531.5634	698,063.7195
304	255,494.8391	698,125.6498
305	255,459.7075	698,184.8942
306	255,399.5250	698,218.3934
307	255,373.5916	698,232.8287
308	255,305.4449	698,270.7610
309	255,245.9079	698,321.1413
310	255,345.1831	698,296.7091
311	255,369.1972	698,283.8793
312	255,394.0784	698,272.8245
313	255,463.3338	698,242.0541
314	255,485.5169	698,232.1980
315	255,509.1612	698,226.7044
316	255,741.7385	698,172.6663
317	256,047.9211	697,896.2004
318	256,118.7927	697,832.2073
319	256,176.4860	697,756.1192
320	256,272.9078	697,628.9544
321	256,169.0493	697,709.7386
322	256,148.7703	697,732.7103
323	256,079.4320	697,811.2552
324	255,994.9890	697,873.2751
325	255,936.3867	697,916.3160
326	255,863.8976	697,921.9778
327	255,798.0981	697,927.1172
328	255,760.1795	697,930.0789
329	255,723.1323	697,938.6866
330	255,509.8812	697,738.0762
331	255,877.5527	698,427.2344
332	256,023.7544	698,701.2728
333	256,327.2350	698,767.3900

BENCHMARKS		
MARK	ELEVATION	DESCRIPTION
BM# 3007	188.205	CUT "+" ON WEST FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHEAST CORNER OF THE INTERSECTION OF BUSINESS IL 111 & US 67 - IL 111 STA = 29+619.3, 15.1 m RT
BM# 3008	186.070	CUT "+" ON WEST FLANGE BOLT ON FIRE HYDRANT LOCATED AT NORTHEAST CORNER INTERSECTION US 67 & INGHAM LANE - FAP 310 STA = 40+754.8, 8.5 m RT
BM# 3023	187.116	CHSLD "X" ON WEST FLANGE BOLT OF FIRE HYDRANT LOCATED ON SOUTH SIDE OF BUS IL 111 IN FRONT OF RISTER'S AUTO

ACCESS RD	CONTROL POINTS	
	NORTHING	EASTING
400	255,151.2245	698,514.6421
401	255,281.5892	698,383.5330
402	255,383.2996	698,281.2419
403	255,520.3922	698,236.3636
404	255,650.8647	698,193.6524
405	255,675.9904	698,185.4273
406	255,701.7422	698,179.4440

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**GENERAL LAYOUT &
 HORIZONTAL CONTROL
 FOR IL 111 INTERCHANGE**
 DRAWN BY B.G.J.
 CHECKED BY
 DATE

