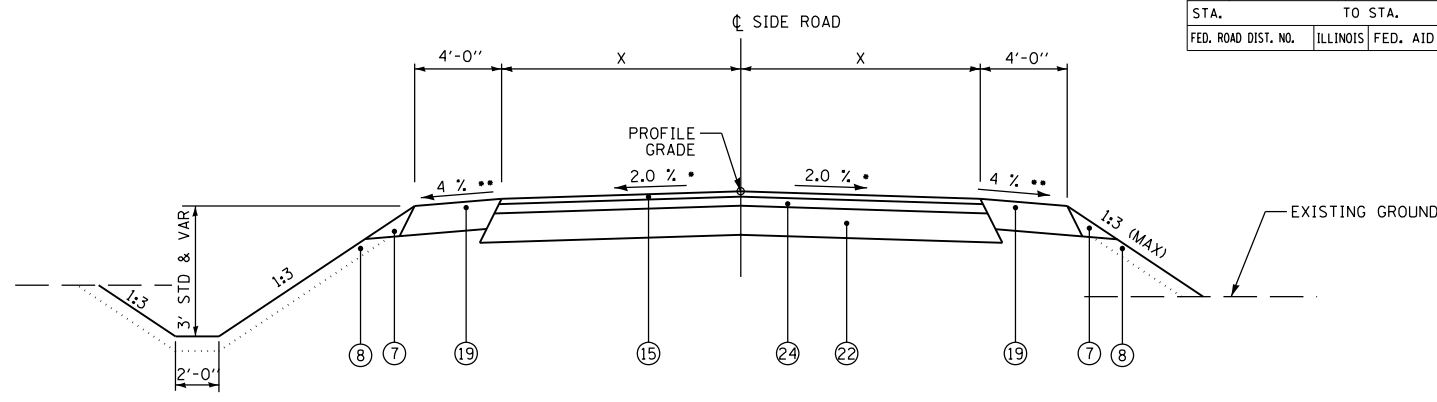
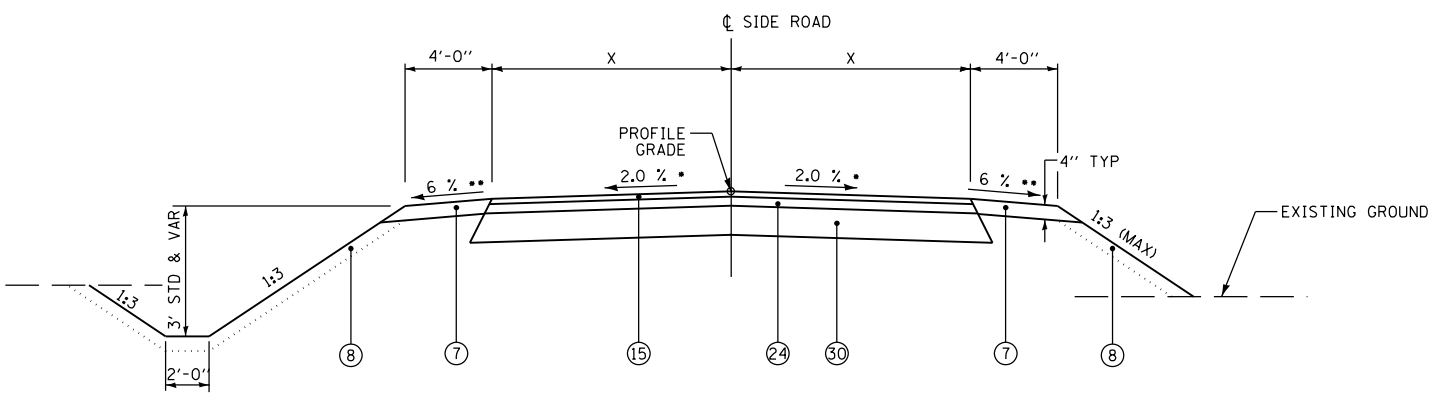


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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Mar-25-2011 03:57:38PM

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• S.E. RATES PER PLAN SHEETS
 •• FOR S.E. SECTIONS SEE NOTES (C) AND (D) FOR CORRESPONDING TREATMENT OF SHOULDER SLOPES

• S.E. RATES PER PLAN SHEETS
 •• FOR S.E. SECTIONS SEE NOTES (A) AND (B) FOR CORRESPONDING TREATMENT OF SHOULDER SLOPES

TYPICAL SECTION (HOT-MIX ASPHALT W/ AGG SHLD SIDE ROAD)

TYPICAL SECTION (HOT-MIX ASPHALT W/ HMA SHLD SIDE ROAD)

STA 38+67.25 TO STA 50+24.00	NORMAL CROWN	TR 42 (RELOCATED CREWS LANE)	X = 11'-0"
STA 50+24.00 TO STA 51+95.00	S.E. TRANSITION		
STA 51+95.00 TO STA 54+82.00	S.E. = 6.0%		
STA 54+82.00 TO STA 56+53.00	S.E. TRANSITION		
STA 56+53.00 TO STA 57+03.00	NORMAL CROWN		
STA 300+73.17 TO STA 312+63.32	NORMAL CROWN	MS ____ (NEW STREET)	X = 12'-0"
STA 2+50.00 TO STA 4+00.00	NORMAL CROWN	MS 6010 (ASH STREET)	X = 11'-0"
		(3' AGG SHLD)	
STA 81+29.46 TO STA 81+30.00	NORMAL CROWN	TR 93 (BETHEL LANE)	X = 12'-0"
STA 81+30.00 TO STA 82+40.00	S.E. TRANSITION		
STA 82+40.00 TO STA 84+32.00	S.E. = 4.0%		
STA 84+32.00 TO STA 84+32.00	S.E. TRANSITION		
STA 84+32.00 TO STA 85+05.00	S.E. TRANSITION		
STA 85+05.00 TO STA 86+39.00	S.E. = 6.0%		
STA 86+39.00 TO STA 89+08.00	S.E. TRANSITION		
STA 89+08.00 TO STA 90+87.00	S.E. TRANSITION		
STA 90+87.00 TO STA 91+37.00	NORMAL CROWN		
STA 591+29.03 TO STA 593+85.00	NORMAL CROWN	SERVICE DRIVE 91	X = 11'-0"
STA 93+83.00 TO STA 95+47.00	S.E. TRANSITION	TR 115 (RELOCATED CYLINDER HEAD ROAD)	X = 11'-0"
STA 95+47.00 TO STA 100+30.00	S.E. = 6.0%		
STA 100+30.00 TO STA 101+94.00	S.E. TRANSITION		
STA 101+94.00 TO STA 102+03.00	NORMAL CROWN		
STA 102+03.00 TO STA 103+67.00	S.E. TRANSITION		
STA 103+67.00 TO STA 107+85.00	S.E. = 6.0%		
STA 107+85.00 TO STA 109+28.00	S.E. TRANSITION		
STA 0+67.57 TO STA 1+90.00	NORMAL CROWN	OLD CYLINDER HEAD ROAD	X = 11'-0"
STA 1+90.00 TO STA 7+50.00	NORMAL CROWN		
STA 10+11.00 TO STA 13+08.93	NORMAL CROWN	GILLILAND ROAD CONNECTOR	X = 11'-0"
STA 20+75.00 TO STA 27+95.11	NORMAL CROWN	GILLILAND ROAD EXTENSION	X = 9'-0"
STA 121+27.00 TO STA 121+97.00	NORMAL CROWN	TR 30A (ST. PAUL'S CHURCH ROAD)	X = 11'-0"
STA 121+97.00 TO STA 123+11.00	S.E. TRANSITION		
STA 123+11.00 TO STA 126+69.00	S.E. = 4.0%		
STA 126+69.00 TO STA 127+83.00	S.E. TRANSITION		
STA 600+11.00 TO STA 603+75.81	NORMAL CROWN	SERVICE DRIVE 92	X = 10'-0"
STA 138+04.00 TO STA 139+47.00	S.E. TRANSITION	SBI 104, ALT 6.98 (DUTCH LANE EAST)	X = 11'-0"
STA 139+47.00 TO STA 141+97.00	S.E. = 6.0%		
STA 141+97.00 TO STA 143+30.00	S.E. TRANSITION		
STA 143+30.00 TO STA 143+60.00	NORMAL CROWN		
STA 143+60.00 TO STA 144+55.00	S.E. TRANSITION		
STA 144+55.00 TO STA 147+39.00	S.E. = 4.0%		
STA 147+39.00 TO STA 148+34.00	S.E. TRANSITION		
STA 148+34.00 TO STA 148+79.83	NORMAL CROWN		
STA 194+41.00 TO STA 194+91.00	NORMAL CROWN	TR 26 (DUTCH LANE WEST)	X = 11'-0"
STA 194+91.00 TO STA 196+14.00	S.E. TRANSITION		
STA 196+14.00 TO STA 196+84.00	S.E. = 4.0%		
STA 196+84.00 TO STA 198+07.00	S.E. TRANSITION		
STA 198+07.00 TO STA 198+69.77	NORMAL CROWN		
STA 201+29.19 TO STA 202+01.00	NORMAL CROWN		
STA 202+01.00 TO STA 203+15.00	S.E. TRANSITION		
STA 203+15.00 TO STA 205+21.00	S.E. = 4.0%		
STA 205+21.00 TO STA 206+35.00	S.E. TRANSITION		
STA 206+35.00 TO STA 206+37.00	NORMAL CROWN		
STA 206+37.00 TO STA 208+01.00	S.E. TRANSITION		
STA 208+01.00 TO STA 209+16.00	S.E. = 6.0%		
STA 209+16.00 TO STA 210+80.00	S.E. TRANSITION		
STA 210+80.00 TO STA 211+50.00	NORMAL CROWN		
STA 289+67.00 TO STA 290+90.00	NORMAL CROWN	TR 18 (HART'S GRAVEL ROAD)	X = 11'-0"
STA 290+90.00 TO STA 292+13.00	S.E. TRANSITION		
STA 292+13.00 TO STA 292+78.00	S.E. = 6.0%		
STA 292+78.00 TO STA 294+42.00	S.E. TRANSITION		
STA 294+42.00 TO STA 294+43.00	NORMAL CROWN		
STA 294+43.00 TO STA 295+57.00	S.E. TRANSITION		
STA 295+57.00 TO STA 296+97.00	S.E. = 4.0%		
STA 296+97.00 TO STA 298+11.00	S.E. TRANSITION		
STA 298+11.00 TO STA 298+78.15	NORMAL CROWN		

STA 581+10.20 TO STA 581+81.76	NORMAL CROWN	SERVICE DRIVE 81	X = 16'-0"
STA 451+07.48 TO STA 451+72.82	NORMAL CROWN	FAS 1611 (COOPER STREET)	X = 16'-0"
STA 300+12.00 TO STA 300+73.17	NORMAL CROWN	NEW STREET	X = 12'-0"
STA 312+63.32 TO STA 313+24.25			
STA 72+70.40 TO STA 74+43.00	NORMAL CROWN	TR 93 (BETHEL LANE)	X = 12'-0"
STA 74+43.00 TO STA 75+68.00	S.E. TRANSITION		
STA 75+68.00 TO STA 76+91.00	S.E. = 4.0%		
STA 76+91.00 TO STA 78+16.00	S.E. TRANSITION		
STA 78+16.00 TO STA 78+70.55	NORMAL CROWN		
STA 109+28.00 TO STA 109+88.00	NORMAL CROWN	TR 115 (RELOCATED CYLINDER HEAD ROAD)	X = 11'-0"
STA 0+11.00 TO STA 0+67.57	NORMAL CROWN	OLD CYLINDER HEAD ROAD	X = 11'-0"
STA 0+67.57 TO STA 1+90.00	LT ONLY		

PROPOSED LEGEND

- (7) AGGREGATE SHOULDERS, TYPE B
- (8) TOPSOIL FURNISH AND PLACE, 4"
- (15) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- (19) HOT-MIX ASPHALT SHOULDERS, 8"
- (22) HOT-MIX ASPHALT BASE COURSE, 9"
- (24) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
- (30) AGGREGATE BASE COURSE, TYPE A 8"
- (A) SHOULDER SLOPE - HIGH SIDE OF S.E.: WHEN THE S.E. RATE OF THE PAVEMENT IS BETWEEN 0 AND 4% THE SHOULDER SHALL BE SLOPED AT 4%. WHEN S.E. RATE OF THE PAVEMENT EXCEEDS 4% THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND THE SHOULDER SHALL BE 8%.
- (B) SHOULDER SLOPE - LOW SIDE OF S.E.: SLOPE SHALL BE THE SAME AS THE S.E. BUT NOT LESS THAN 4%.
- (C) SHOULDER SLOPE - HIGH SIDE OF S.E.: WHEN THE S.E. RATE OF THE PAVEMENT IS BETWEEN 0 AND 2% THE SHOULDER SHALL BE SLOPED AT 6%. WHEN S.E. RATE OF THE PAVEMENT EXCEEDS 6% THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND THE SHOULDER SHALL BE 8%.
- (D) SHOULDER SLOPE - LOW SIDE OF S.E.: SLOPE SHALL BE THE SAME AS THE S.E. BUT NOT LESS THAN 6%.

NOTE: NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP 310 (US 67/IL 104)
 SHEET 22 OF 24
 DRAWN BY SEB
 CHECKED BY
 DATE 4/2009