

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15, 60-15B	MADISON	474	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76323				

RAMPS

STRUCTURAL DESIGN TRAFFIC: YEAR 2014
 PV = 4600 SU = 150 MU = 250

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 100 S = 100 M = 100

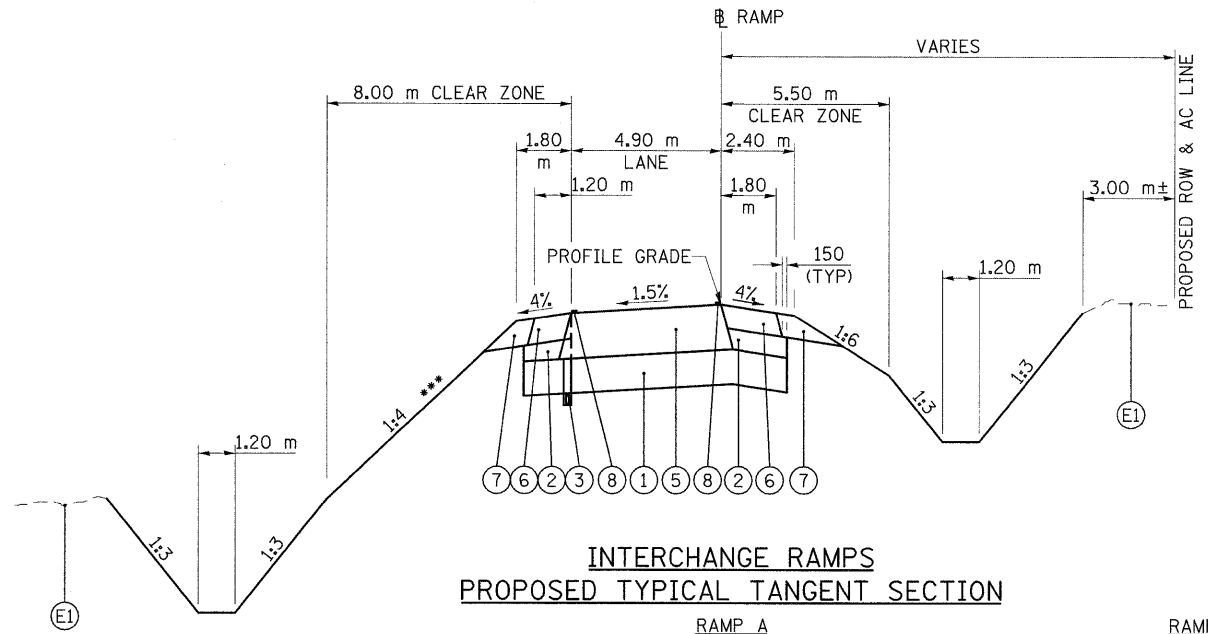
TRAFFIC FACTOR: ACTUAL TF = 2.82 AC TYPE = 20
 MINIMUM TF = 7.90

AC GRADE: BINDER = PG 64-22 SURFACE = SBS 76-22

SUBGRADE SUPPORT RATING:
 SSR = POOR (ALL RAMPS)

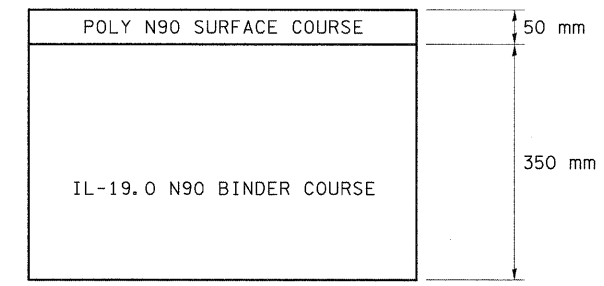
RAMP TERMINAL LOCATIONS

STATION TO STATION	
RAMP A	
0+322.355	0+703.081
RAMP B	
0+000.000	0+200.080
HUMBERT RAMP C	
0+281.133	0+508.671
HUMBERT RAMP D	
0+000.000	0+089.181
RAMP F	
0+318.817	0+533.866
RAMP E	
0+000.000	0+130.213
IL 111 RAMP D	
0+360.141	0+762.532
IL 111 RAMP C	
0+000.000	0+196.244



**INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION**

RAMP A STA 0+048.889 TO STA 0+065.000	RAMP F STA 0+040.493 TO STA 0+053.000
HUMBERT RAMP C STA 0+043.131 TO STA 0+106.000	RAMP E STA 0+209.000 TO STA 0+376.895
HUMBERT RAMP D STA 0+089.181 TO STA 0+250.000 STA 0+380.000 TO STA 0+378.864	IL 111 RAMP D STA 0+040.791 TO STA 0+360.141
	IL 111 RAMP C STA 0+549.000 TO STA 0+579.503

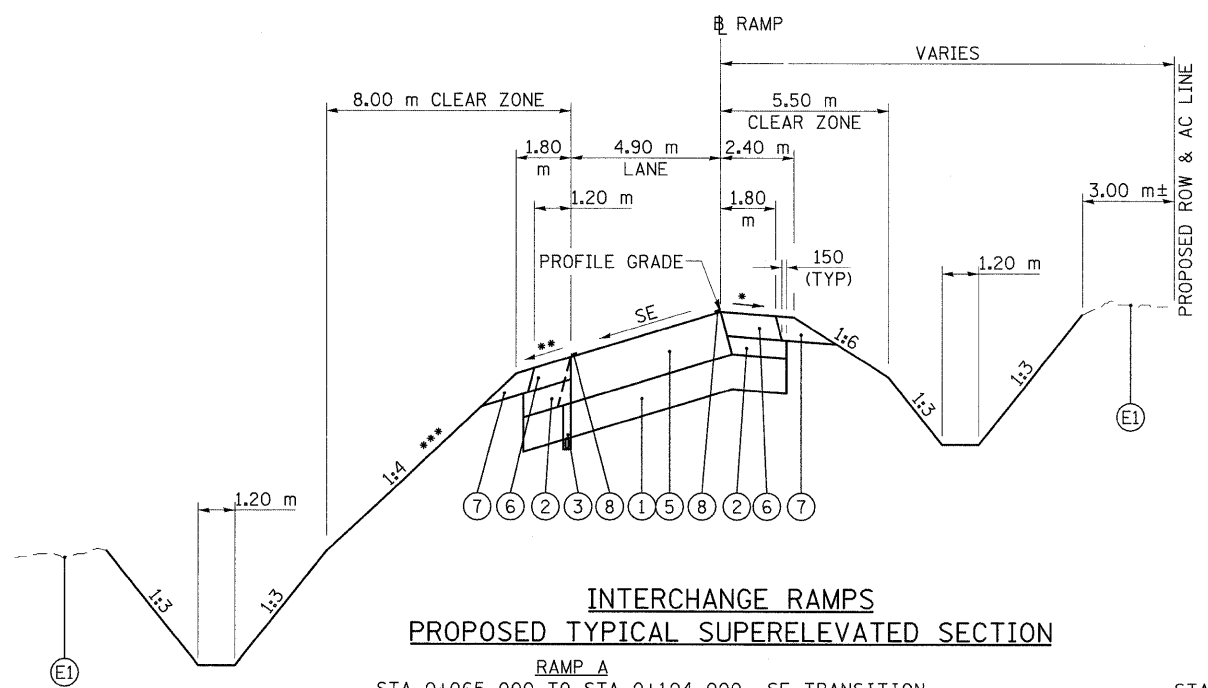


HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 400 mm

- * STA 0+281.133 TO STA 0+341.063 BRIDGE OMISSION
- STA 0+341.063 TO STA 0+350.179 BRIDGE APPROACH PAVEMENT
- ** STA 0+003.148 TO STA 0+012.622 BRIDGE APPROACH PAVEMENT
- STA 0+012.622 TO STA 0+077.907 BRIDGE OMISSION
- STA 0+077.907 TO STA 0+087.382 BRIDGE APPROACH PAVEMENT

PROPOSED LEGEND

- (E1) EXISTING GROUND
- (1) LIME STABILIZED SOIL MIXTURE, 300 mm
- (2) SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH (100 mm MINIMUM)
- (3) SUB-SURFACE DRAIN, STD 601001
- (4) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 390 mm (SEE DETAIL)
- (5) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 400 mm (SEE DETAIL)
- (6) HOT-MIX ASPHALT SHOULDERS, 200 mm (RUMBLE STRIPS CONSTRUCTED AS PER STANDARD 642001)
- (7) AGGREGATE SHOULDER, TYPE B, 200 mm
- (8) PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)



**INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION**

RAMP A STA 0+065.000 TO STA 0+104.000 SE TRANSITION STA 0+104.000 TO STA 0+151.000 FULL SE (6.0%) STA 0+151.000 TO STA 0+203.000 SE TRANSITION STA 0+203.000 TO STA 0+263.000 SE TRANSITION STA 0+263.000 TO STA 0+312.486 FULL SE (6.0%) STA 0+312.486 TO STA 0+322.355 SE TRANSITION	RAMP F STA 0+053.000 TO STA 0+091.000 SE TRANSITION STA 0+091.000 TO STA 0+126.000 FULL SE (5.6%) STA 0+126.000 TO STA 0+174.000 SE TRANSITION STA 0+174.000 TO STA 0+234.000 SE TRANSITION STA 0+234.000 TO STA 0+308.692 FULL SE (6.0%) STA 0+308.692 TO STA 0+318.817 SE TRANSITION
RAMP B STA 0+200.080 TO STA 0+264.080 SE TRANSITION STA 0+264.080 TO STA 0+333.000 FULL SE (6.0%) STA 0+333.000 TO STA 0+388.220 SE TRANSITION	RAMP E STA 0+130.213 TO STA 0+151.213 SE TRANSITION STA 0+151.213 TO STA 0+164.000 FULL SE (6.0%) STA 0+164.000 TO STA 0+209.000 SE TRANSITION
HUMBERT RAMP C STA 0+106.000 TO STA 0+147.000 SE TRANSITION STA 0+147.000 TO STA 0+272.000 FULL SE (6.0%) STA 0+272.000 TO STA 0+275.682 SE TRANSITION STA 0+275.682 TO STA 0+284.426 BRIDGE APPROACH PAVEMENT STA 0+284.426 TO STA 0+281.133 BRIDGE OMISSION	IL 111 RAMP C STA 0+196.244 TO STA 0+260.384 SE TRANSITION STA 0+260.384 TO STA 0+361.000 FULL SE (6.0%) STA 0+361.000 TO STA 0+421.000 SE TRANSITION STA 0+421.000 TO STA 0+459.000 SE TRANSITION STA 0+459.000 TO STA 0+511.000 FULL SE (3.9%) STA 0+511.000 TO STA 0+549.000 SE TRANSITION
HUMBERT RAMP D STA 0+250.000 TO STA 0+288.000 SE TRANSITION STA 0+288.000 TO STA 0+342.000 FULL SE (5.8%) STA 0+342.000 TO STA 0+380.000 SE TRANSITION	

*** 1:6 SLOPE WITHIN THE MAINLINE CLEARZONE

* 4% AND VARIES, 8% MAXIMUM BREAKOVER

** 4% OR SE, WHICHEVER IS GREATER

*** 1:6 SLOPE WITHIN THE MAINLINE CLEARZONE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY

DATE _____
 DRAWN BY **E88**
 CHECKED BY _____

ALL DIMENSIONS ARE IN mm
 UNLESS NOTED OTHERWISE