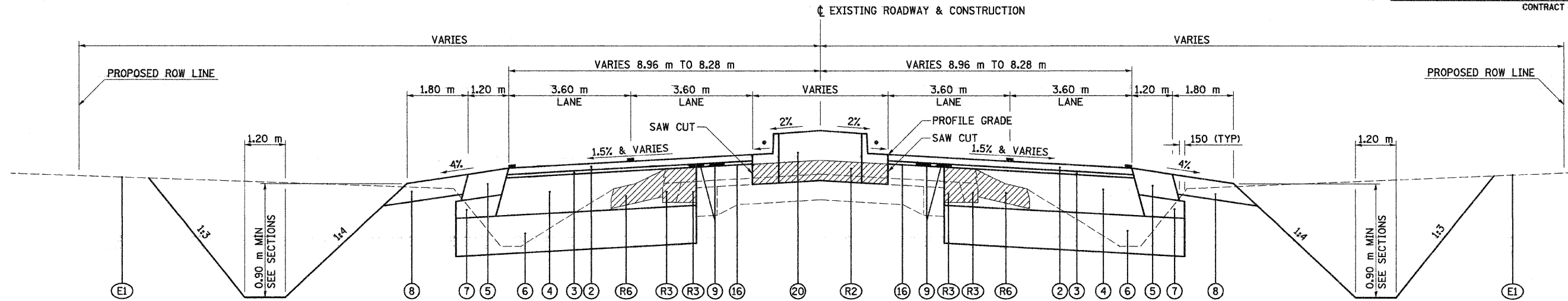


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15-2 60-15HB-2	MADISON	272	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76624				



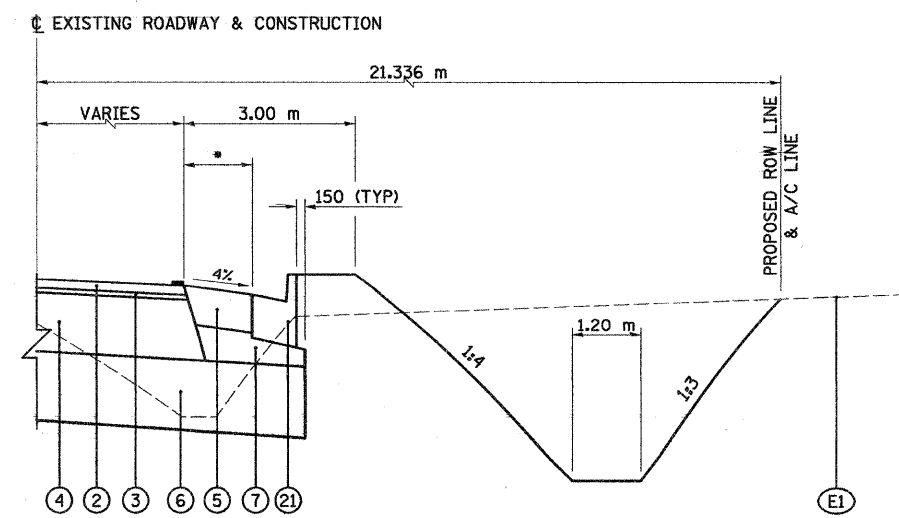
**PROPOSED TYPICAL SECTION  
IL 111**

STA 30+318.185 TO STA 30+334.068  
 STA 30+334.068 TO STA 30+337.194 R.R. OMISSION  
 STA 30+337.194 TO STA 30+340.000  
 STA 30+340.000 TO STA 30+352.216 SE TRANSITION

**NOTES:**

- ▨ TO BE REMOVED
- FOR THE LAYOUT OF THE CONCRETE MEDIAN, TYPE SB-15.60 SEE DETAIL SHEETS 89-91
- THE PROPOSED PROFILE GRADE FOLLOWS THE INSIDE RIGHT EDGE OF PAVEMENT FROM STATION 30+268.699 TO STATION 30+406.199
- PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)
- GUTTER SLOPE TO MATCH ADJACENT PAVEMENT CROSS SLOPE
- CROSS SLOPE VARIES ADJACENT TO R.R. CROSSING. SEE DETAIL SHEET 64.

<b>IL 111</b>	
<b>STRUCTURAL DESIGN TRAFFIC:</b>	YEAR 2014
PV = 13873	SU = 698 MU = 930
<b>ROAD/STREET CLASSIFICATION:</b>	CLASS I
<b>PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:</b>	
P = 32	S = 45 M = 45
<b>TRAFFIC FACTOR:</b>	ACTUAL TF = 4.88 AC TYPE = 20
	MINIMUM TF = 4.27
<b>AC GRADE:</b>	BASE = PG 58-22 SURFACE = PG 64-22
<b>SUBGRADE SUPPORT RATING:</b>	
SSR = POOR (STA 29+828.458 TO STA 30+600.000)	



**PROPOSED TYPICAL DITCH SECTION  
WITH CURB AND GUTTER  
IL 111**

STA 30+297.500 TO STA 30+335.200 RT  
 STA 30+336.100 TO STA 30+351.600 LT

**NOTES:**

- \* WIDTH VARIES FROM 1.6 m TO 0.0 m FROM STATION 30+297.500 TO STATION 30+327.300 RT.
- WIDTH IS 0.0 m FROM STATION 30+327.300 TO STATION 30+335.200 RT
- WIDTH IS 0.0 m FROM STATION 30+336.100 TO STATION 30+351.600 LT

**PROPOSED LEGEND**

- |                                                                                                                                                |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| (E1) EXISTING GROUND                                                                                                                           | (8) AGGREGATE SHOULDER, TYPE A, 150 mm & VARIES                                            |
| (R1) REMOVE EXISTING PAVEMENT WITH OVERLAY                                                                                                     | (9) STRIP REFLECTIVE CRACK CONTROL TREATMENT                                               |
| (R2) REMOVE EXISTING HOT-MIX ASPHALT OVERLAY, ± 159 mm (HMA SURF. REM. - SPECIAL)                                                              | (10) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60                                    |
| (R3) REMOVE EXISTING HOT-MIX ASPHALT SHOULDER WITH OVERLAY (SAW CUT)                                                                           | (11) CONCRETE MEDIAN SURFACE, 100 mm                                                       |
| (R4) REMOVE EXISTING CURB AND GUTTER WITH OVERLAY                                                                                              | (12) CONCRETE MEDIAN, SM-15                                                                |
| (R5) REMOVE EXISTING CONCRETE MEDIAN                                                                                                           | (13) SUB-SURFACE DRAIN, STANDARD 601001                                                    |
| (R6) REMOVE EXISTING AGGREGATE SHOULDER                                                                                                        | (14) AGGREGATE BASE COURSE, TYPE B, 200 mm WITH BITUMINOUS SURFACE TREATMENT, CLASS A-2    |
| (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 400 mm (HOT-MIX ASPHALT BINDER COURSE, 350 mm; HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 50 mm) | (15) COARSE AGGREGATE FILLED TO SUBGRADE (INCLUDED IN THE COST OF CONCRETE MEDIAN SURFACE) |
| (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 38 mm                                                                                        | (16) BITUMINOUS MATERIALS AND AGGREGATE PRIME COATS                                        |
| (3) HOT-MIX ASPHALT BINDER COURSE, N70, FOR THICKNESS > 38 mm                                                                                  | (17) HOT-MIX ASPHALT BINDER COURSE, N70, 57 mm                                             |
| (4) HOT-MIX ASPHALT BASE COURSE, 300 mm (ANY WIDTH)                                                                                            | (18) AGGREGATE BASE COURSE, TYPE A, 200 mm                                                 |
| (5) HOT-MIX ASPHALT SHOULDERS, 200 mm                                                                                                          | (19) AGGREGATE SHOULDER, TYPE B, 200 mm & VARIES                                           |
| (6) LIME STABILIZED SOIL MIXTURE, 300 mm                                                                                                       | (20) CONCRETE MEDIAN, TYPE SB-15.60                                                        |
| (7) SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH (100 mm MINIMUM)                                                                         | (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60                                    |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS  
 FAP 310 (IL 255)  
 SECTION 60-15-2 & 60-15HB-2  
 MADISON COUNTY  
 DRAWN BY EBB  
 CHECKED BY  
 DATE

ALL DIMENSIONS ARE IN mm  
 UNLESS NOTED OTHERWISE

5/13/2008

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