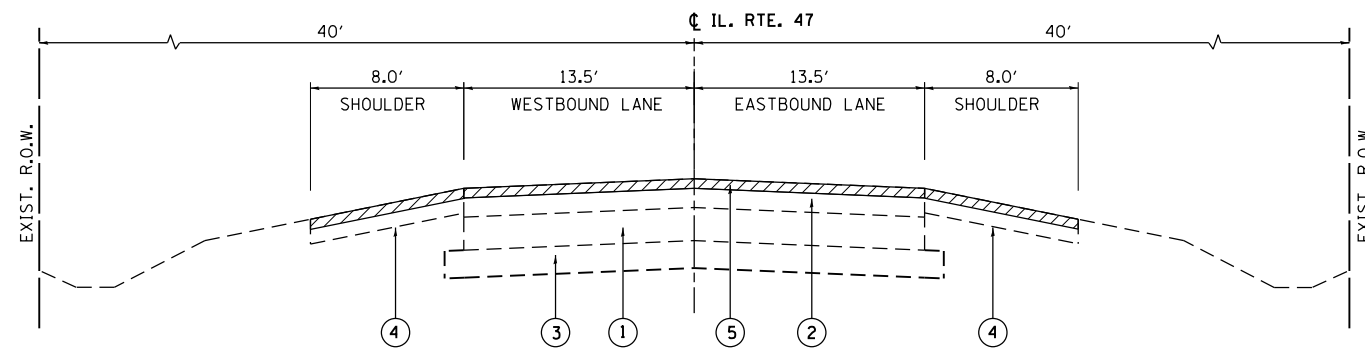


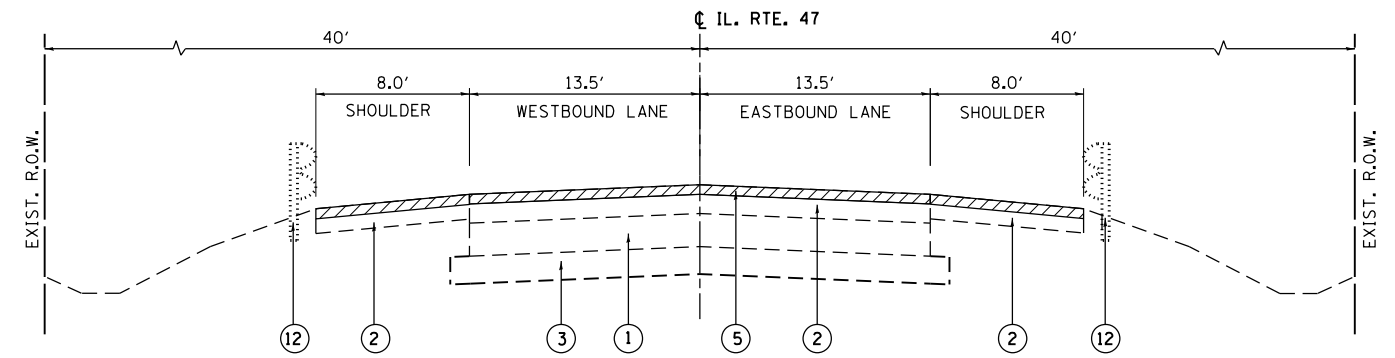
FILE NAME = G:\Projects\ILLINOIS Department of Transportation\PTB 162 - Item 7 - Various Various Work Order No. 3 - IL 47 Plans\Cadd Sheets\1160V64-ah-typical.dgn



**EXISTING TYPICAL SECTION
ILLINOIS ROUTE 47**

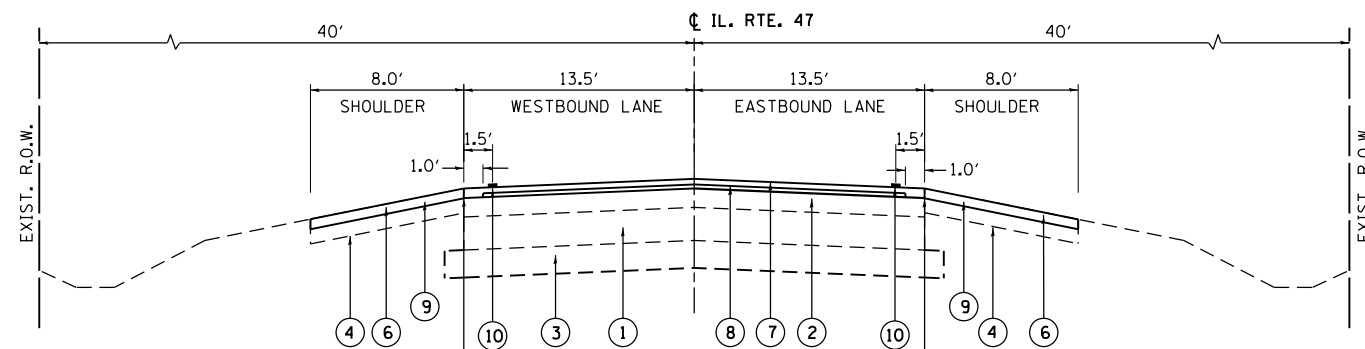
STA. 958 + 46.00 TO STA. 1034 + 80.60
 STA. 1035 + 53.40 TO STA. 1079 + 03
 STA. 1099 + 74.00 TO STA. 1181 + 47.55

OMISSION AT PLANK ROAD
 STA. 1079 + 03.00 TO
 STA. 1099 + 74.00



**EXISTING TYPICAL SECTION AT GUARD RAIL
ILLINOIS ROUTE 47**

(SEE PLANS FOR LOCATIONS)



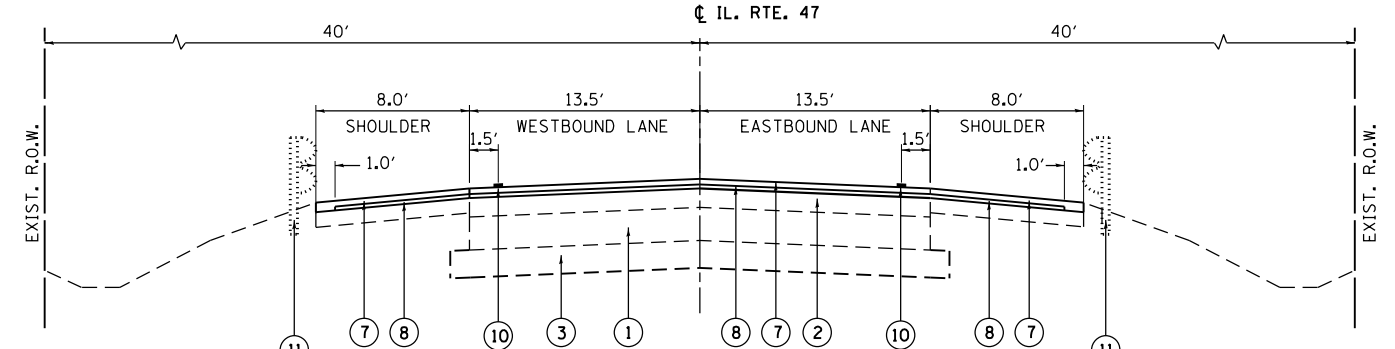
**PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 47**

STA. 958 + 46.00 TO STA. 1034 + 80.60
 STA. 1035 + 53.40 TO STA. 1079 + 03
 STA. 1099 + 74.00 TO STA. 1181 + 47.55

OMISSION AT PLANK ROAD
 STA. 1079 + 03.00 TO
 STA. 1099 + 74.00

SEE SAFETY EDGE
DETAIL (TYP.)

SEE SAFETY EDGE
DETAIL (TYP.)



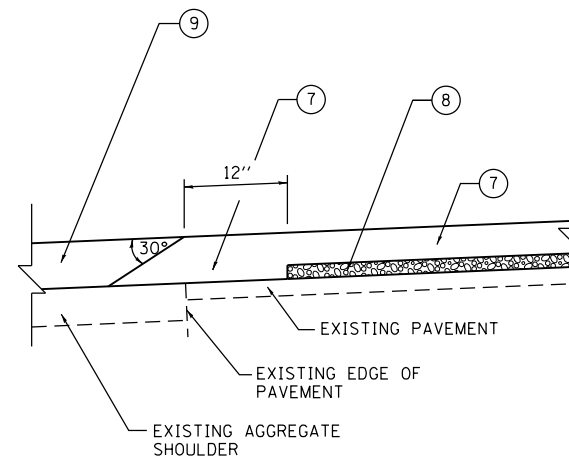
**PROPOSED TYPICAL SECTION AT GUARD RAIL
ILLINOIS ROUTE 47**

(SEE PLANS FOR LOCATIONS)

NOTE: THE CONTRACTOR SHALL MILL PRIOR TO PATCHING.

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
|--|-------------------|
| MIXTURE TYPE | AIR VOIDS Ndes |
| PAVEMENT RESURFACING | |
| HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 mm, MIX "D", N70, 1 1/2" | 4% @ 70 GYR. |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" | 3.5% @ 50 GYR. |
| PATCHING | |
| CLASS D PATCHES (HMA BINDER IL-19 mm) | 4% @ 70 GYR. |

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.



SAFETY EDGE DETAIL

(APPLIES TO LOCATIONS WITH LESS THAN
3' OF PAVED SHOULDERS)

LEGEND

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9"
- ② EXISTING BITUMINOUS PAVEMENT ±7"
- ③ EXISTING SUB-BASE
- ④ EXISTING AGGREGATE SHOULDERS
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑥ GRADING AND SHAPING SHOULDERS
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5mm, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED 4" WHITE THERMOPLASTIC PAVEMENT MARKING LINE
- ⑪ EXISTING GUARD RAIL TO REMAIN
- ▨ EXISTING SURFACE REMOVAL

SHT.PLAN

| | | |
|-----------------------------|----------------|-----------|
| USER NAME = mm11er | DESIGNED - MTM | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - MTM | REVISED - |
| PLOT DATE = 1/25/2013 | CHECKED - BA | REVISED - |
| | DATE - 2/1/13 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 47 PLATO RD. TO U.S. 20
EXISTING AND PROPOSED TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | 106X-RS-7 | KANE | 20 | 5 |
| CONTRACT NO. 60V64 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |