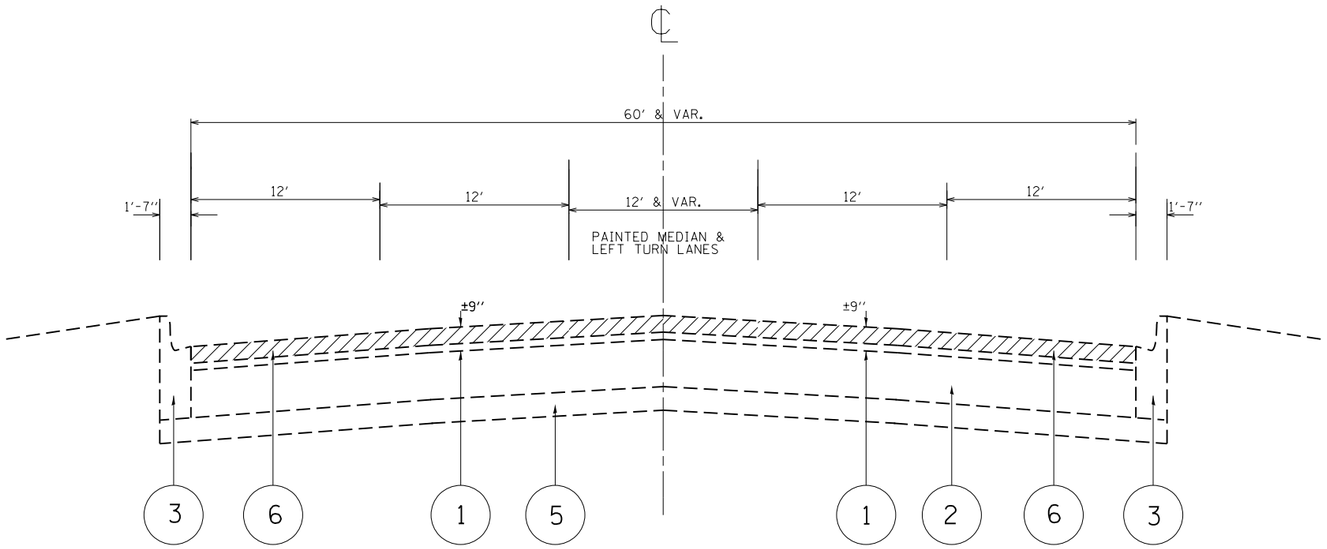
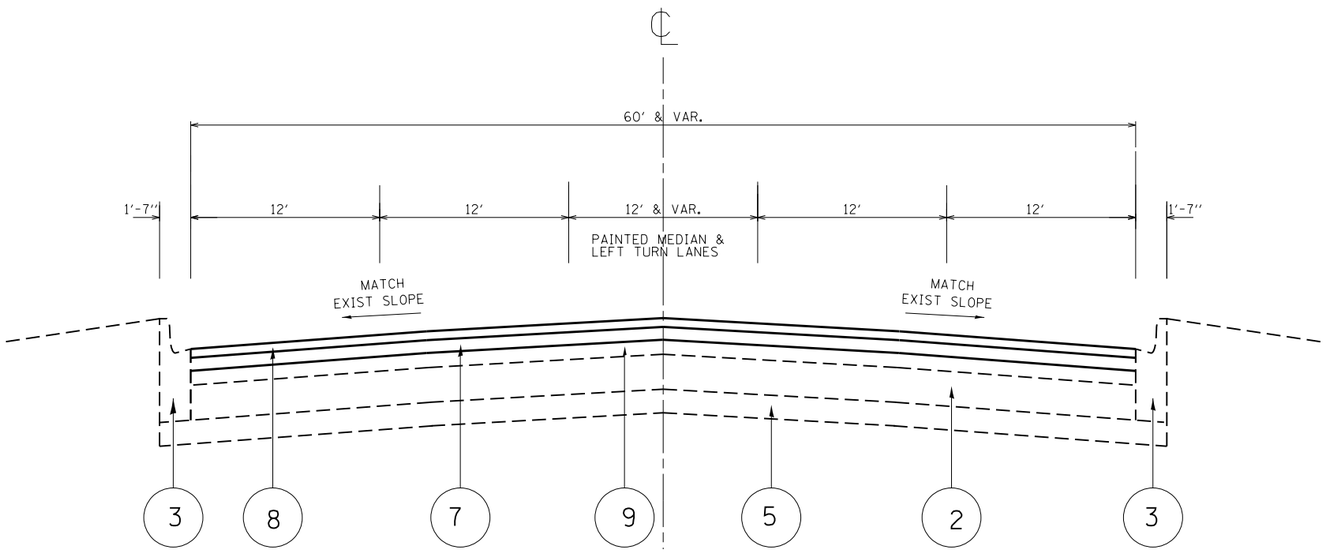



**EXISTING TYPICAL CROSS SECTION**

**STA 21+32 TO STA 58+95**




**PROPOSED TYPICAL CROSS SECTION**

**STA 21+32 TO STA 58+95**

## LEGEND

1. EXISTING HMA SURFACE, ±9"
2. EXISTING P.C.C. PAVEMENT, ±9"
3. EXISTING COMB. CONC. CURB AND GUTTER, B-6.12 /OR B-6.24
4. EXISTING AGGREGATE SHOULDER
5. EXISTING SUBBASE GRANULAR MATERIAL, 4"
6. PROPOSED HMA SURFACE REMOVAL, 2 1/4"
7. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50; 3/4"
8. PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
9. EXISTING HMA SURFACE AFTER MILLING (±6 3/4)
10. PROPOSED GRADING AND SHAPING SHOULDERS
11. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | | QUALITY MANAGEMENT PROGRAM (QMP) |
|---|---|---|
| MIXTURE TYPE | PERCENT AIR VOIDS @ Ndes | |
| HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm) | 4% @ 70 GYR | QCP |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 | 3.5% @ 50 GYR | QCP |
| CLASS D PATCHES (HMA BINDER IL 19 mm) | 4% @ 70 GYR | QC/QA |
| QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP) | | |

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LB/SY/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

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

| | | | |
|---|---|---|---|
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| | PLOT SCALE = 100.0000 ' / in. | CHECKED - | REVISED - |
| Default | PLOT DATE = 6/12/2014 | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**
**IL. RTE. 21 (N. OF WASHINGTON – U.S. ROUTE 41)**

SCALE: | SHEET 1 OF 2 SHEETS | STA. 18+51 | TO STA. 109+63

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 330 | (124&128) RS-7 | LAKE | 23 | 5 |
| | | CONTRACT NO. 60X80 | | |
| | | ILLINOIS FED. AID PROJECT | | |