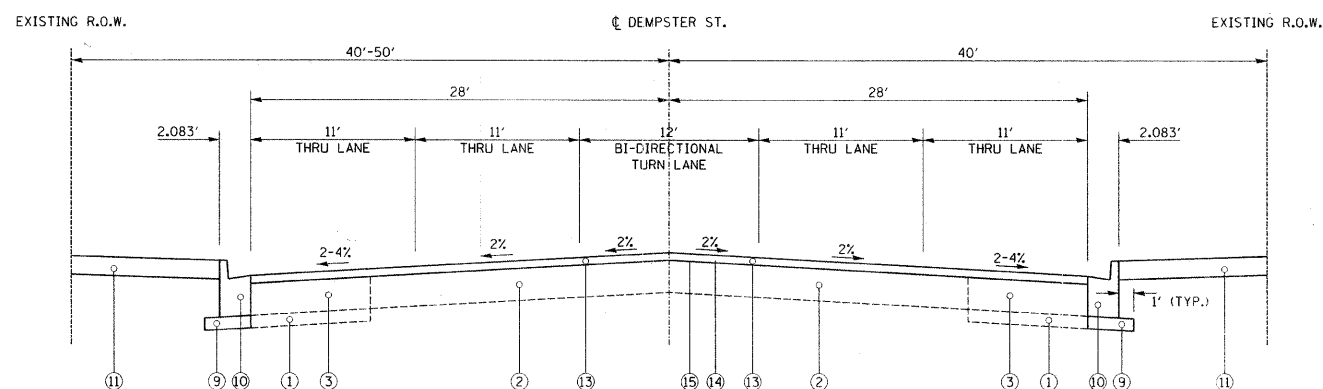


**EXISTING TYPICAL SECTION**  
 STA 58+45.14 TO STA 68+75, DEMPSTER ST  
 STA 79+50 TO STA 85+15, DEMPSTER ST



**PROPOSED TYPICAL SECTION**  
 STA 58+45.14 TO STA 68+75, DEMPSTER ST  
 STA 79+50 TO STA 85+15, DEMPSTER ST



**EXISTING LEGEND**

- ① SUBBASE GRANULAR MATERIAL TYPE B (4")
- ② PCC PAVEMENT (10"±)
- ②A PCC BASE COURSE (8")
- ③ HOT-MIX ASPHALT BASE COURSE (11")
- ④ HOT-MIX ASPHALT PARKING LANE (5")
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- ⑥ PCC SIDEWALK
- ⑦ SAWCUT (INCIDENTAL)

**PROPOSED LEGEND**

- ⑧ HOT-MIX ASPHALT SURFACE REMOVAL (2 1/2")
- ⑨ SUBBASE GRANULAR MATERIAL, TYPE B (4")
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18 (SPECIAL)
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK (5")
- ⑫ HOT-MIX ASPHALT BASE COURSE, (11")
- ⑬ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑭ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑮ BITUMINOUS MATERIALS (PRIME COAT)

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART**

MIX TYPE	AIR VOIDS @ Ndes
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% AT 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% AT 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 11" (HMA BINDER IL-19 mm)	4% AT 90 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% AT 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/50 YD<sup>3</sup>/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

**NOTES:**

1. ALL REFERENCES TO SURFACE, BINDER, LEVELING BINDER OR BASE COURSE CONTAINED IN THESE PLANS, STANDARDS OR DETAILS WILL REQUIRE MIX PROPERTIES AS GIVEN IN THE TABLE ABOVE.
2. PATCHING SHALL BE COMPLETED PRIOR TO MILLING AND RESURFACING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL RTE 58 (DEMPSTER ST) IMPROVEMENTS  
 TYPICAL SECTIONS

SCALE: N.T.S.  
 DATE: 10-16-09

DRAWN BY: DMB  
 CHECKED BY: NKU

