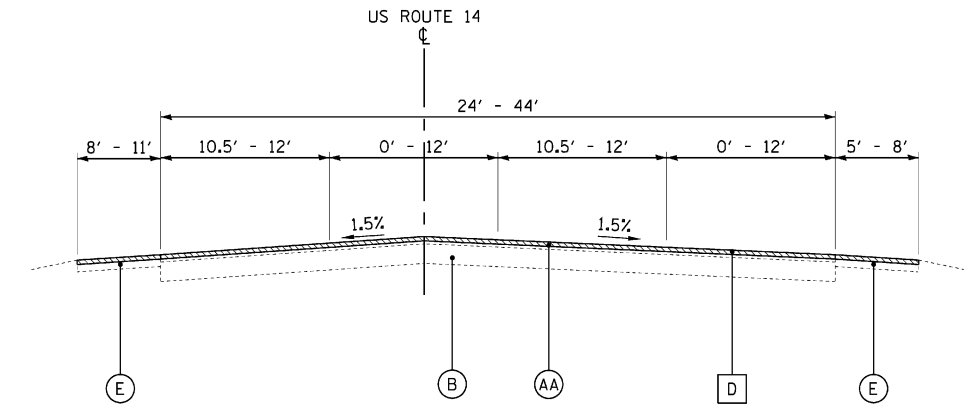
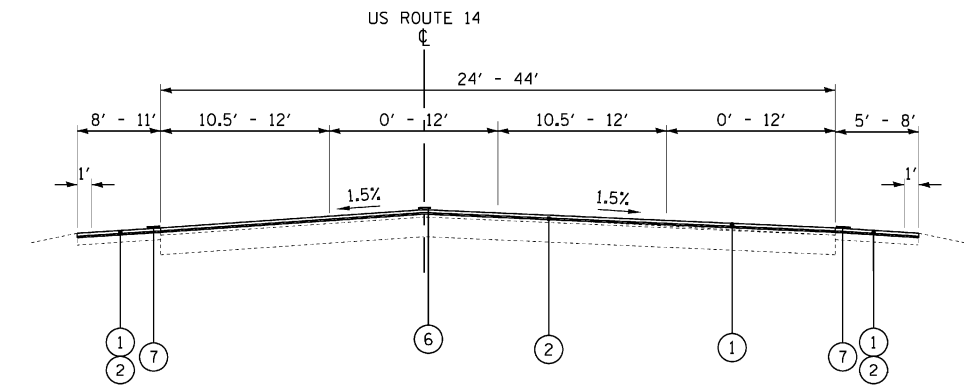


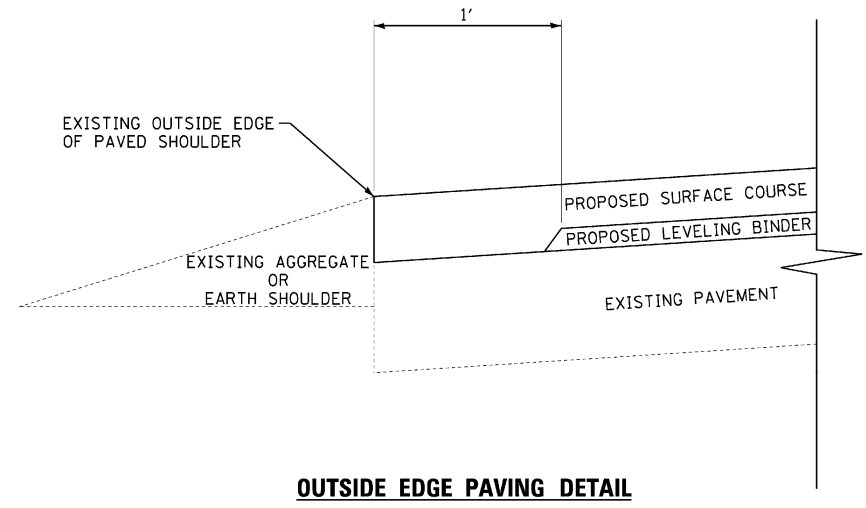
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**EXISTING TYPICAL SECTION  
US ROUTE 14  
STA 5+76 TO STA 19+16**



**PROPOSED TYPICAL SECTION  
US ROUTE 14  
STA 5+76 TO STA 19+16**



**OUTSIDE EDGE PAVING DETAIL**

**NOTES:**

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
- \*\* 2. POLYMERIZED LEVELING BINDER WILL BE STOPPED 1 FOOT SHORT OF THE OUTSIDE EDGE OF SHOULDER (SEE DETAIL).

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

**MIXTURE NOTES:**

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ. YD./IN.
2. 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 "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

\* PAY FOR PERFORMANCE APPLIES TO THIS SURFACE MIX ONLY (HMA SURFACE COURSE, MIX D, N70)

**LEGEND**

(A)	EXISTING HMA SURFACE, 3"±
(AA)	EXISTING HMA SURFACE, 6"±
(B)	EXISTING PCC BASE, 10"±
(C)	EXISTING AGGREGATE SHOULDER, 6"±
(D)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
(E)	EXISTING PAVED SHOULDERS
(F)	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
[Hatched Box]	ITEM TO BE REMOVED
(1)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm) - 1 1/2"
** (2)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
(3)	GRADING AND SHAPING SHOULDERS AND AGGREGATE WEDGE SHOULDER, TYPE B
(4)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm) - 2"
** (5)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
(6)	CENTER LINE - RUMBLE STRIP - 16"
(7)	SHOULDER RUMBLE STRIPS, 8 INCH



DESIGNED - DSH	REVISED - 8-17-12 IDOT REVIEW
DRAWN - KAR	REVISED -
CHECKED - LDH	REVISED -
DATE - 12-13-10	FILE - 100153-W018-TYPSEC-1.shd

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14  
IL ROUTE 23 TO BUNKER HILL ROAD  
TYPICAL SECTIONS**

SCALE: NONE	STA. TO STA.	F.A.P RTE. 305	SECTION 29R-RS-4	COUNTY McHENRY	TOTAL SHEETS 25	SHEET NO. 4
		C-91-298-11		CONTRACT NO. 60N28		
FED. ROAD DIST. NO. 1 ILLINOIS FED AID PROJECT						