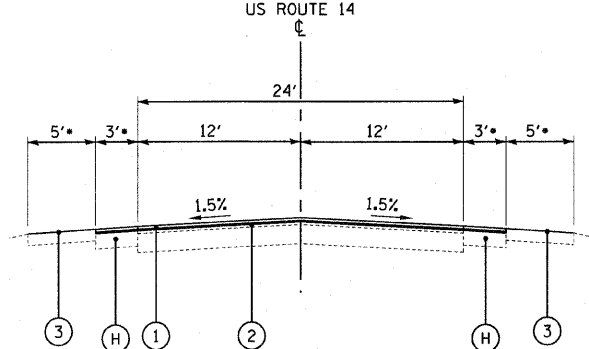


• 4' PAVED & 4' AGGREGATE SHOULDER
 STA 143+45 TO STA 183+20
 AND 8' PAVED SHOULDER
 STA 254+50 TO STA 266+00

EXISTING TYPICAL SECTION

US ROUTE 14

STA 143+45 TO STA 192+20
 STA 248+55 TO STA 309+80
 STA 330+06 TO STA 405+60
 STA 426+75 TO STA 456+55



• 4' PAVED & 4' AGGREGATE SHOULDER
 STA 143+45 TO STA 183+20
 AND 8' PAVED SHOULDER
 STA 254+50 TO STA 266+00

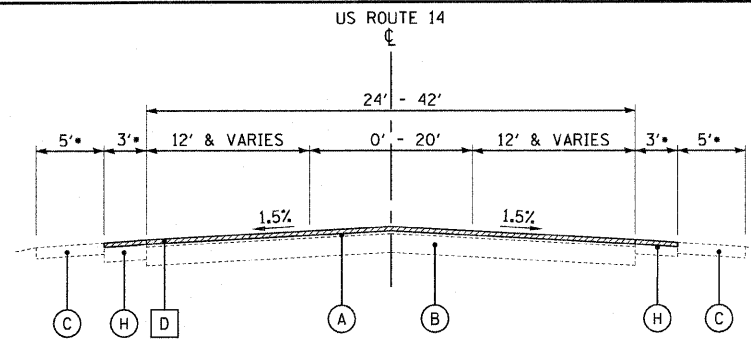
PROPOSED TYPICAL SECTION

US ROUTE 14

STA 143+45 TO STA 192+20
 STA 248+55 TO STA 309+80
 STA 330+06 TO STA 405+60
 STA 426+75 TO STA 456+55

LEGEND

- (A) EXISTING HMA SURFACE, 3"±
- (B) EXISTING PCC BASE, 10"±
- (C) EXISTING AGGREGATE SHOULDER, 6"±
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (F) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" ±
- (G) EXISTING PORTLAND CEMENT CONCRETE SHOULDER, 9 3/4" ±
- (H) EXISTING PAVED SHOULDERS
- (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

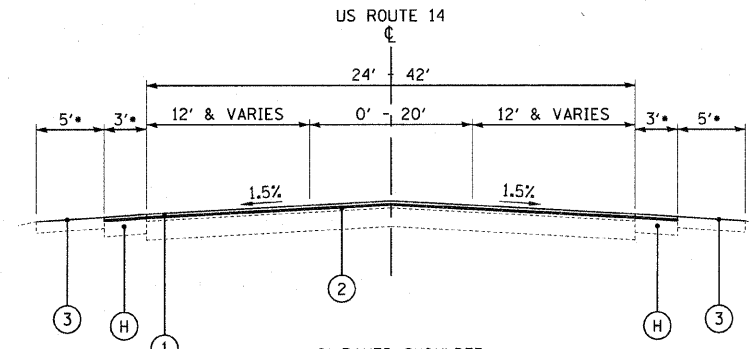


• 8' PAVED SHOULDER
 STA 192+20 TO STA 198+20 LT
 STA 241+00 TO STA 248+55 RT

EXISTING TYPICAL SECTION

US ROUTE 14

STA 192+20 TO STA 198+20
 STA 241+00 TO STA 248+55
 STA 309+80 TO STA 330+06



• 8' PAVED SHOULDER
 STA 192+20 TO STA 198+20 LT
 STA 241+00 TO STA 248+55 RT

PROPOSED TYPICAL SECTION

US ROUTE 14

STA 192+20 TO STA 198+20
 STA 241+00 TO STA 248+55
 STA 309+80 TO STA 330+06

NOTE:
 THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50	4% @ 50 GYR.
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 70-22" 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.

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 084-00081 - EXPRES 08/30/2011
 PROJECT NO. 100153-W02-TYPSEC-1.sht
 DATE 11-01-10



DESIGNED - DSH	REVISED -
DRAWN - RKM / CJC	REVISED -
CHECKED - RWL	REVISED -
DATE - 11-01-10	FILE - 100153-W02-TYPSEC-1.sht

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 PARK LANE DRIVE TO IL ROUTE 47
 TYPICAL SECTIONS**

SCALE: NONE	STA.	TO STA.	F.A.P. RTE. 305	SECTION 28 R-2 RS-3	COUNTY McHENRY	TOTAL SHEETS 32	SHEET NO. 4
			C-91-609-10		CONTRACT NO. 60K84		
			FED. ROAD DIST. NO. 1 ILLINOIS FED AID PROJECT				