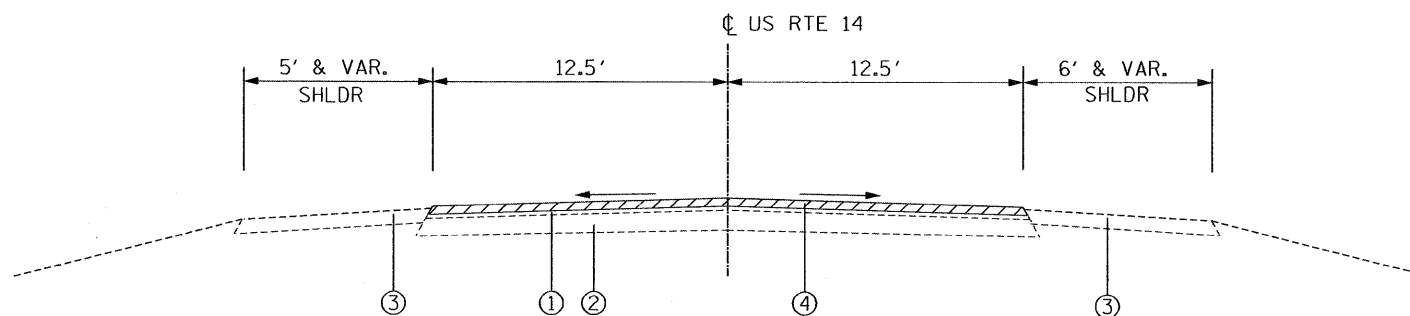


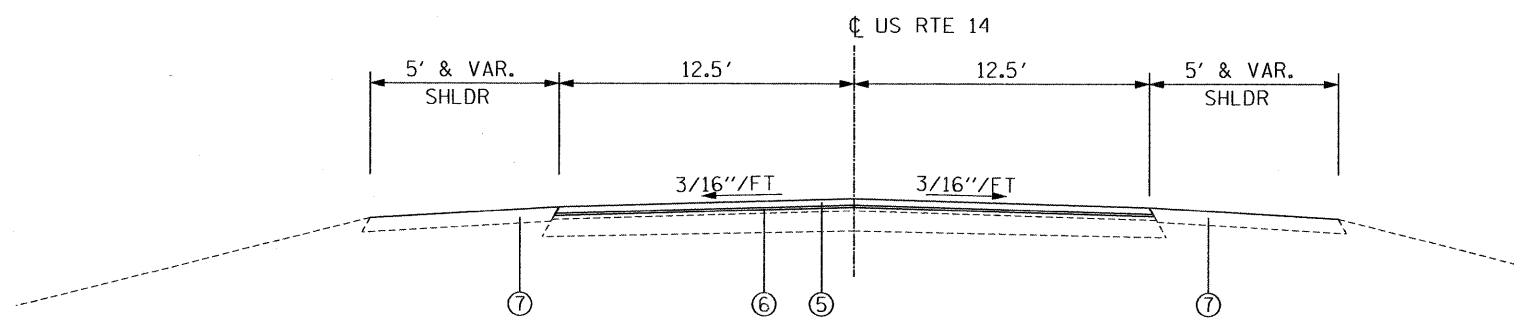
LEGEND

- ① EXISTING +/-3.75" HMA SURFACE
- ② EXISTING +/-10' P.C.C. BASE
- ③ EXISTING AGGREGATE SHOULDER +/- 6"
- ④ HMA SURFACE REMOVAL - 2 1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM) -1 1/2"
- ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
- ⑦ GRADING AND SHAPING SHOULDERS & AGGREGATE WEDGE SHOULDER, TYPE B



EXISTING TYPICAL SECTION

US ROUTE 14
STA. 16+85 TO STA. 143+58



PROPOSED TYPICAL SECTION

US ROUTE 14
STA. 16+85 TO STA. 143+58

HMA MIXTURES REQUIREMENT		
MIXTURE USES	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm)	PG 64-22	4% @ 50 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
CLASS D PATCHES (HMA BINDER IL-19 MM)	PG 64-22 (SEE NOTE 2)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19MM)	PG 64-22 (SEE NOTE 2)	4% @ 70 GYR.

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2. WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

PLOT DATE = 1/14/2009
 PLOT SCALE = 4.0000 / IN.
 USER NAME = Millennium Engineering
 MODEL =



200 22ND Street, Suite 216, Lombard, IL 60148
 630.705.0110 voice, 630.839.2566 fax
 www.millenniaeng.com

MILLENNIA ENGINEERING

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 01/14/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 14
BUNKER HILL RD TO PARK LANE DR**

TYPICAL SECTIONS

F.A.P. RTE. 305	SECTION 29RS-4	COUNTY MCHENRY	TOTAL SHEETS 17	SHEET NO. 4
CONTRACT NO. 60E18				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT
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