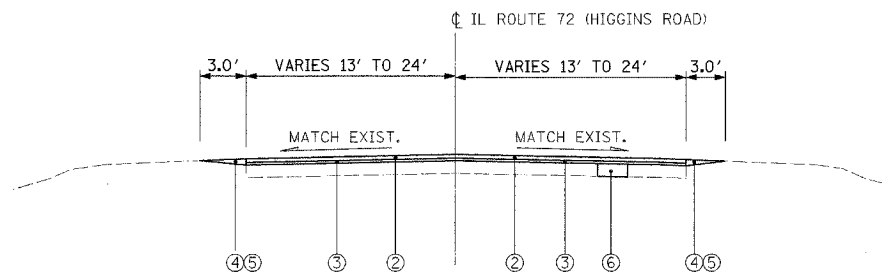


EXISTING TYPICAL SECTION  
STA. 2+00.00 TO STA. 251+12.78



PROPOSED TYPICAL SECTION  
STA. 2+00.00 TO STA. 251+12.78

**EXISTING CONDITIONS:**

- Ⓐ HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3"
- Ⓑ PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- Ⓒ AGGREGATE SHOULDER

**PROPOSED IMPROVEMENTS:**

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ② HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ④ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑤ GRADING AND SHAPING SHOULDERS
- ⑥ CLASS D PATCHES, 9" (DETERMINED BY ENGINEER IN FIELD)

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART**

OPERATIONS	MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY AND BRIDGE APPROACH RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM)	PG 64-22	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR
	LEVELING BINDER (HAND METHOD), N70 (IL-9.5MM)	PG 64-22*	4% @ 70 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 9" (HMA BINDER IL-19 MM)	PG 64-22 *	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 MM)	PG 64-22 *	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FILE NAME = N:\PROJECTS\60E43\322A\322A\_34\Design\ProposedPlan\322A\_34-04-Typical Sections.dgn

USER NAME = mbalog	DESIGNED - WBL	REVISED -
PLOT SCALE = 5.0000' / 1" IN.	DRAWN - WBL	REVISED -
PLOT DATE = 4/8/2008	CHECKED - MJL	REVISED -
	DATE - 4/7/2008	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
557	Y-RS-2	KANE	23	4
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60E43