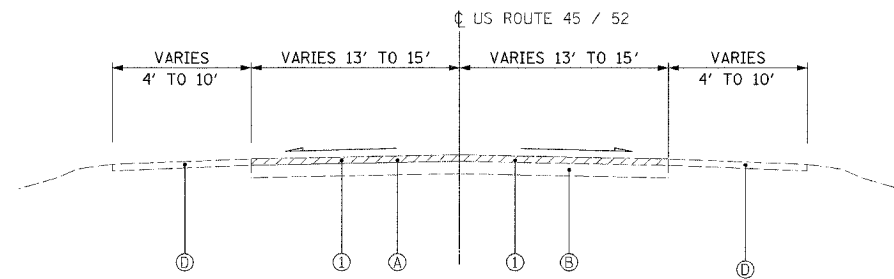
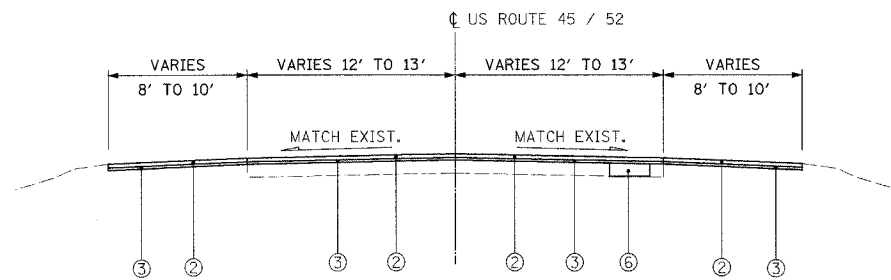


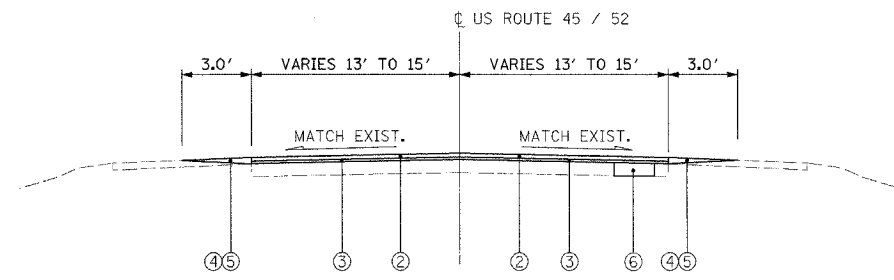
EXISTING TYPICAL SECTION
STA. 101+00 TO STA. 331+15



EXISTING TYPICAL SECTION
STA. 331+15 TO STA. 682+60



PROPOSED TYPICAL SECTION
STA. 101+00 TO STA. 331+15



PROPOSED TYPICAL SECTION
STA. 331+15 TO STA. 682+60

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", 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
	LEVELING BINDER (HAND METHOD), N50 (IL-9.5MM)	PG 64-22 *	4% @ 50 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.

EXISTING CONDITIONS:

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

PROPOSED IMPROVEMENTS:

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 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)

FILE NAME = N:\JUN2009\2255_35\Drawings\Asph\Typical Sections.dwg

USER NAME = mba1og	DESIGNED - NT	REVISED -
PLLOT SCALE = 5/8" = 1' IN.	DRAWN - NT	REVISED -
PLLOT DATE = 4/8/2008	CHECKED - WBL	REVISED -
	DATE - 4/7/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 45 / 52
STUENKEL ROAD TO KANKAKEE COUNTY LINE
TYPICAL SECTIONS

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

F.A.P. RTE. 330	SECTION 17 RS-3	COUNTY WILL	TOTAL SHEETS 32	SHEET NO. 4
CONTRACT NO. 62749				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				