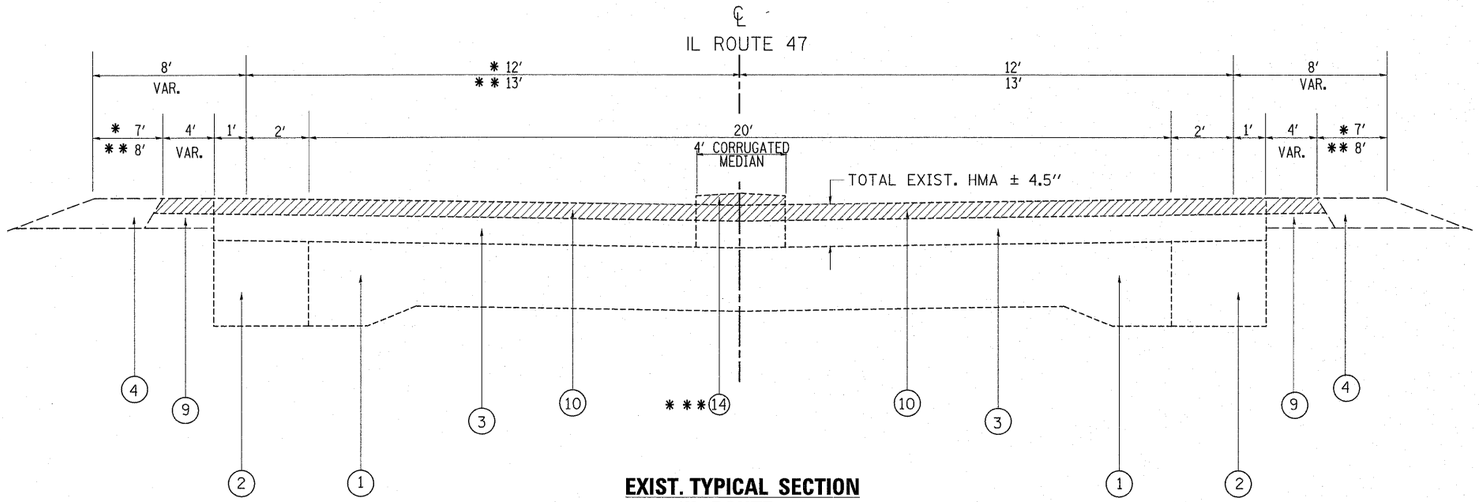
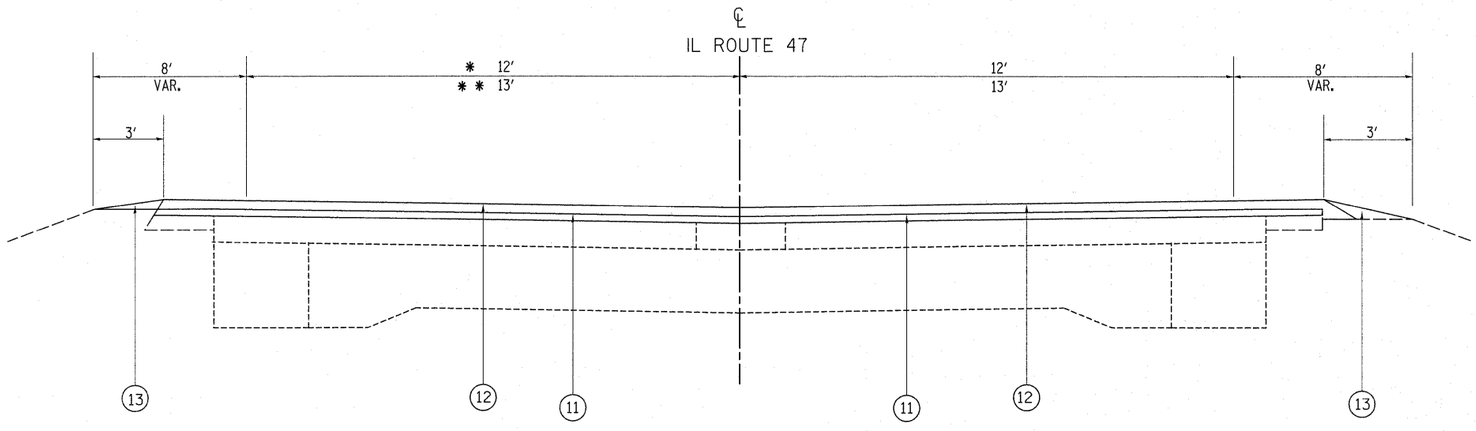


EXIST. TYPICAL SECTION
IL ROUTE 47

** STA. 74+85 TO STA. 142+25
** STA. 149+13 TO STA. 186+08
* STA. 186+08 TO STA. 287+67.90
* STA. 293+75 TO STA. 332+02
*** STA. 301+69 TO STA. 302+89
*** STA. 324+00 TO STA. 325+20

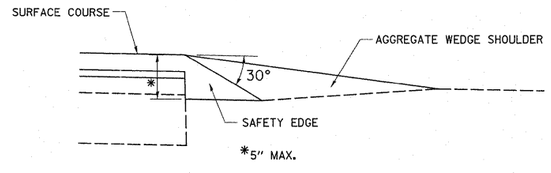
LEGEND

(1) EXIST. PCC PAVEMENT (9-7-9)
(2) EXIST. BASE COURSE WIDENING 9″
(3) EXIST. REMAINING HMA AFTER MILLING, (±) 2 1/4″
(4) EXIST. AGGREGATE SHOULDER
(5) EXIST. PCC PAVEMENT(±) 9″
(6) EXIST. REMAINING HMA AFTER MILLING, (±) 3″
(7) EXIST. CURB AND GUTTER
(8) EXIST. HMA BASE COURSE WIDENING
(9) EXIST. HMA SHOULDER
(10) PROP. HOT-MIX ASPHALT SURFACE REMOVAL - 2¼″
(11) PROP. POLYMERIZED LEVELING BINDER, (MM), IL-4.75, N50, 3/4 ″
(12) PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N70, 1½″
(13) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
(14) PROP. MEDIAN REMOVAL PARTIAL DEPTH, 2 1/4″



PROPOSED TYPICAL SECTION
IL ROUTE 47

** STA. 74+85 TO STA. 142+25
** STA. 149+13 TO STA. 186+08
* STA. 186+08 TO STA. 287+67.90
* STA. 293+75 TO STA. 332+02



SAFETY EDGE DETAIL

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N70 (IL 9.5 mm)	4% @ 70 GYR
POLYMERIZED LEVELING BINDER, (MM), IL-4.75, N50	4% @ 50 GYR
CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 115 LBS/SQYD/IN.

″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 OF RAP″ SEE DISTRICT ONE SPECIAL PROVISIONS.″

NOTE:
CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

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	PLOT DATE = 10/27/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL ROUTE 47 (s/o IL 176 – SOUTH UNION RD.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	105X-RS-3	McHENRY	25	4
		CONTRACT NO. 60N40		
		ILLINOIS FED. AID PROJECT		