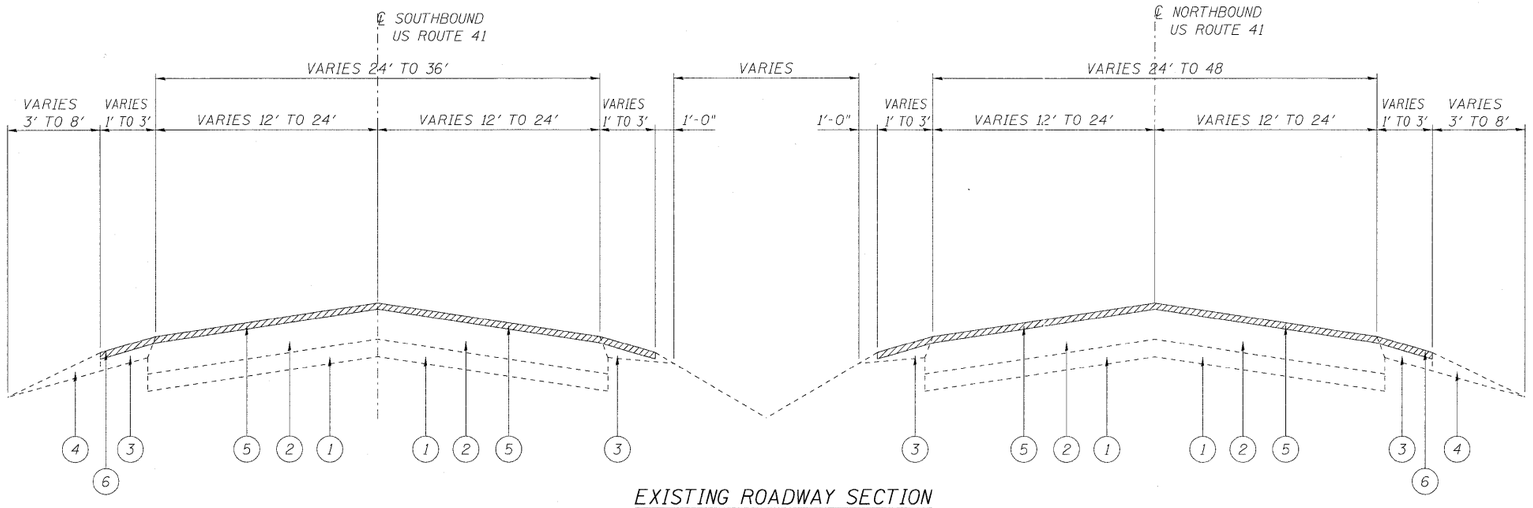
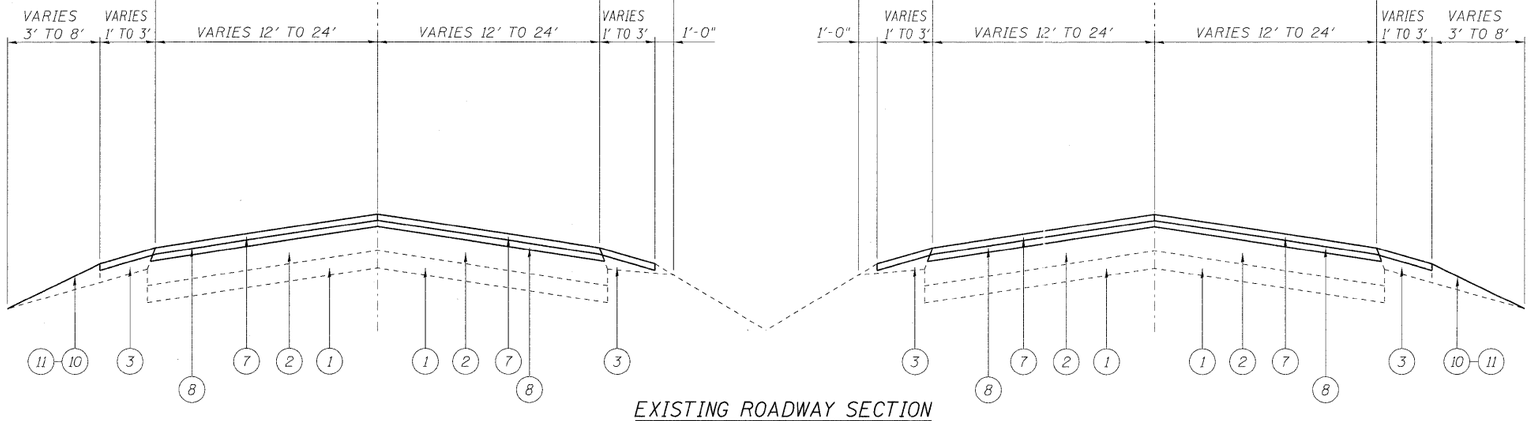


EXISTING ROADWAY SECTION

STA. 421+00 TO STA. 462+00
STA. 496+20 TO STA. 580+00



EXISTING ROADWAY SECTION

STA. 421+00 TO STA. 462+00
STA. 496+20 TO STA. 580+00

LEGEND

1. EXISTING PCC PAVEMENT
2. EXISTING HMA SURFACE OVERLAY AFTER MILLING
3. EXISTING BITUMINOUS SHOULDERS
4. EXISTING AGGREGATE SHOULDER
4A. EXISTING COMBINATION CONCRETE CURB AND GUTTER
5. PROPOSED HMA SURFACE REMOVAL, 2½"
6. PROPOSED HMA SURFACE REMOVAL, 1½"
7. PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80
8. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) N50, ¾"
9. PROPOSED COMBINATION CONCRETE CURB AND GUTTER
10. PROPOSED AGGREGATE WEDGE SHOULDER
11. PROPOSED GRADING AND SHAPING SHOULDERS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC/PG	DESIGN AIR VOIDS
PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80	SBS PG 76 28/-22	4% @ 80 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*	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL 19 mm)	PG 64-22*	4% @ 70 GYR

NOTE:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 135 LBS/SQYD/IN AND LEVELING BINDER IS 112 LSB/SQYD/IN.
   *WHEN RAP EXCEEDS 20%.
2. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING
3. WHEN SHOULDER WIDENS GREATER THAN 4', SURFACE REMOVAL AND REPLACEMENT WILL COVER WIDTH OF SHOULDER

LOMCO, INC.
CONSULTING ENGINEERS
1560 WALL ST, SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100

DESIGNED	- MJY	
DRAWN	- ST	REVISED -
CHECKED	- MJY	REVISED -
DATE	- 04/22/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 41
TYPICAL SECTIONS

SCALE: NONE | SHEET NO. 4 OF 25 SHEETS | STA. 421+00 TO STA. 580+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	(124 & 125) X-RS-5	LAKE	25	4
	C-91-059-09	CONTRACT NO. 60F28		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		