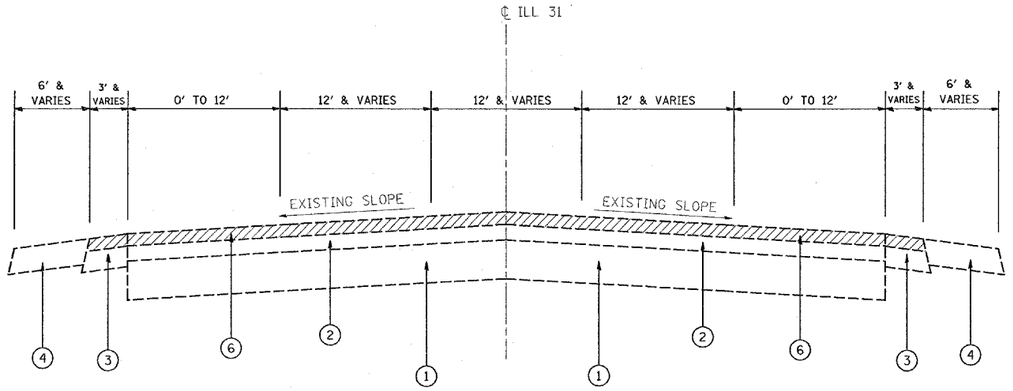
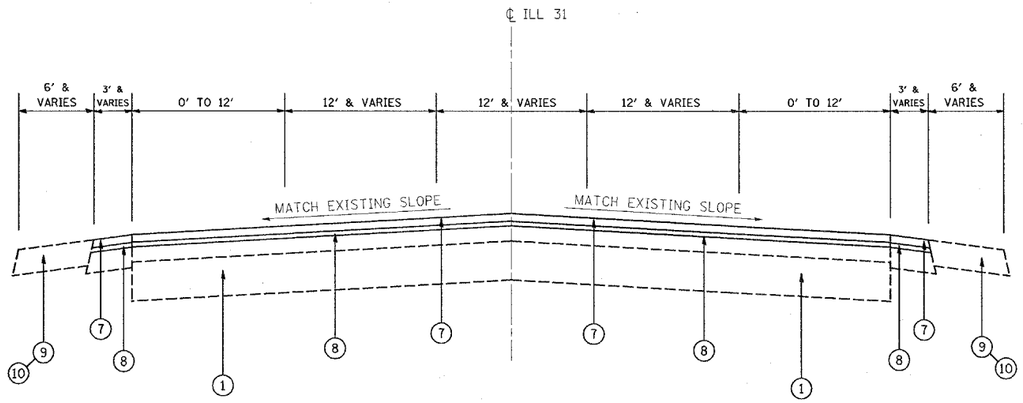


EXISTING TYPICAL SECTION
ILL RTE. 31

STATION:
26+22 TO 39+25
82+53 TO 105+65
213+84 TO 227+65
229+23 TO 277+80



PROPOSED TYPICAL SECTION
ILL RTE. 31

STATION:
26+22 TO 39+25
82+53 TO 105+65
213+84 TO 227+42
229+23 TO 277+80

LEGEND

REMOVAL

① EXISTING PCC BASE COURSE, 9"(±)

② EXISTING HOT-MIX ASPHALT SURFACE COURSE, 7 1/2"(±)

③ EXISTING HOT-MIX ASPHALT SHOULDER, 8"

✳ ④ EXISTING AGGREGATE SHOULDER, 6"

⑤ EXISTING CONCRETE CURB & GUTTER

⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/2 "

⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

⑧ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"

⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

⑩ PROPOSED GRADING AND SHAPING SHOULDERS

✳ EXISTING CURB & GUTTER AT:

STA. 26+22 TO 28+00 AND STA. 33+97 TO 39+25 RT.
STA. 33+72 TO 35+12 AND STA. 37+96 TO 39+25 LT.
STA. 263+52 TO 268+77 LT.
STA. 266+51 TO 268+13 AND STA. 276+72 TO 277+80 RT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY AND SHOULDERS	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 1¾"	SBS/SBR PG 70-22	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER, (MM) IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
PATCHES	CLASS D PATCHES, (BINDER IL-19.0 MM), 9"	PG 64-22 ✳	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (BINDER IL-19.0 MM)	PG 64-22 ✳	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

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

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		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/1/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 31 (IL 176 TO BULL VALLEY RD.)
EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. 4 OF 31 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112RS-4	MCHENRY	31	4
		CONTRACT NO. 62913		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		