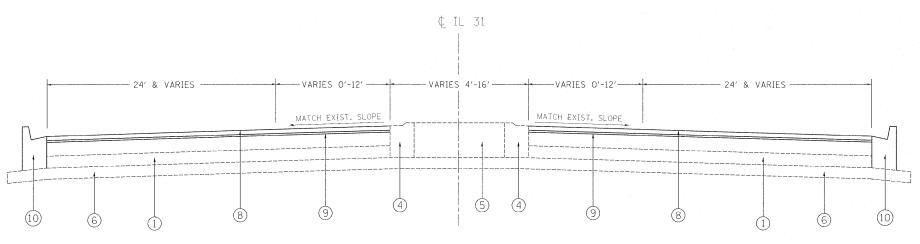


EXISTING TYPICAL SECTION IL 31 STATION: 354+00 TO 372+82 391+29 TO 420+18



PROPOSED TYPICAL SECTION
IL 31
STATION:
354+00 TO 372+82
391+29 TO 420+18

LEGEND

- (1) EXIST. HOT-MIX ASPHALT BASE COURSE, 8"(±)
- ② EXIST. HOT-MIX ASPHALT SURFACE (BEFORE MILLING), 7"(±)
- (3) EXIST. CONCRETE CURB AND GUTTER TYPE B-6.24
- (4) EXIST. CONCRETE CURB AND GUTTER TYPE M-2.12
- (5) EXIST. STABILIZED MEDIAN 12"(±)
- (6) EXIST. SUBBASE GRANULAR MATERIAL 4"(±)
- 7 PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- 8 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- 9 PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- (10) PROP. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER)

NOTES:

- 1. SEE ROADWAY AND PAVEMENT MARKING PLAN SHEETS FOR LOCATIONS OF LEFT TURN LANES AND PAINTED MEDIANS.
- 2. MILLING OF THE ROADWAY SHALL BE DONE PRIOR TO PAVEMENT PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AIR VOIDS (%)
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5MM), 1 1/2"	4% ⊚ 70 GYR
ROADWAY	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5MM), 1 3/4"	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	4% @ 50 GYR
PATCHES	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR

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

THE "AC TYPE" FOR ALL POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22 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.

Ì	FILE NAME =	USER NAME = baskinmi -	DESIGNED - M. BASKIN	REVISED -		IL 31 (McHENRY COUNTY LINE - STROM DRIVE)		F _ STROM DRIVE)	F.A.U.	SECTION	COUNTY	TOTAL SHEET	SHEET
	c:\pw_work\pwidot\baskinmi\d0270384\D146	611-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	. "	EXISTING AND PROPOSED	· · · · · · · · · · · · · · · · · · ·	3887	S-RS-5	KANE	33	6
ı		PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED ~	DEPARTMENT OF TRANSPORTATION					CONTRAC	ONTRACT NO. 60P12		
- 1		PLOT DATE = 10/25/2011	DATE -	REVISED -		SCALE: N/A	SHEET NO. 6 OF 33 SHEETS	STA, 354+00 TO STA, 598+71	FED. ROAD DIS	ST. NO. 1 ILLINOIS FED.	AID PROJECT		