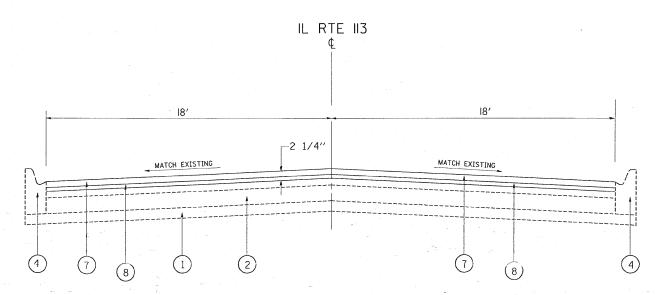


ILLINOIS ROUTE 113
EXISTING TYPICAL SECTION
LOCATION 1
STA. 12+55 TO STA. 17+24



ILLINOIS ROUTE 113
PROPOSED TYPICAL SECTION
LOCATION 1
STA. 12+55 TO STA. 17+24

LEGEND

- 1) EXISTING AGGREGATE SUB-BASE
- 2 EXISTING BASE COURSE, ±9"
- (3) EXISTING HOT-MIX ASPHALT OVERLAY, ±3"
- (4) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.24
- (5) EXISTING AGGREGATE SHOULDER
- (6) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2 "
- 8 PROPOSED POLYMERIZED HOT-MIX ASPHALT LEVELING BINDER, (MM), IL-4.75, N50, 3/4"
- 9 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (10) PROPOSED GRADING AND SHAPING SHOULDERS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 1 1/2 "	PG 64-22	4% @ 70 GYR
NOADWAT	POLYMERIZED LEVELING BINDER, (MM) IL-4.75, N50,3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
DATOUEC	CLASS D PATCHES, (BINDER IL-19.0 MM), 9"	PG 64-22 *	4% @ 70 GYR
PATCHES	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

NOTE:

PAVEMENT PATCHING SHALL BE DONE PRIOR TO ROADWAY MILLING. SEE DISTRICT DETAIL BD-22.

FILE NAME =	USER NAME = smrthkl	DESIGNED -	REVISED ~	Γ
-c:\pw_work\PWIDOT\SMITHKL\dØ138047\D106	804-sht-plan.dgn	DRAWN -	REVISED -	
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	
	PLOT DATE = 4/21/2009	DATE -	REVISED -	

ST	ATE O	F ILLINOIS	
DEPARTME	NT OF	TRANSPORTAT	rion

IL. RTE. 113 (IL	RTE 53	T0	RIVER	ST. &	N. 0	F HORSE	CREEK	T0	GRANT	ST.)	
		PRO	OPOSED	TYPI	CAL S	ECTIONS					
	OUEET		25	CUEE	TC	CT.		T.A.	071		

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
2320/	43RS-1	WILL	21	4			
		CONTRACT	r no. 6	2688			
ILLINOIS FED. AID PROJECT							