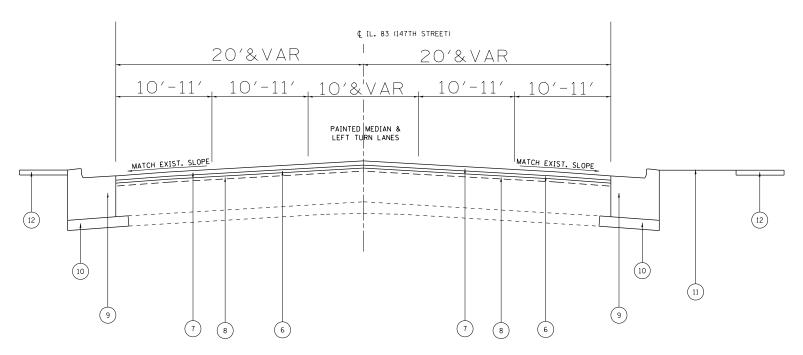


## **EXISTING TYPICAL CROSS SECTION** IL. ROUTE 83 (STA. 17+38 TO STA. 26+36)



PROPOSED TYPICAL CROSS SECTION IL. ROUTE 83 (STA. 17+38 TO STA. 26+36)

## LEGEND

- 1. EXISTING P.C.C PAVEMENT, ± 10"
- 2. EXISTING HMA SURFACE COURSE, ± 3 1/2"
- 3. EXISTING COMB. CONCRETE CURB
- 4. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- 5. PROPOSED HMA SURFACE REMOVAL (2 1/2")
- 6. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")
- 7. PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (1 3/4 ")
- 8. EXISTING HMA SURFACE OVERLAY AFTER MILLING, ± 1/2"
- 9. PROPOSED CURB & GUTTER B6.24 (SEE EXISTING & PROPOSED ROADWAY PLAN FOR EXACT LOCATIONS)
- 10. PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 11. PROPOSED TOPSOIL FURNISH PLACEMENT, 4"
  PROPOSED SODDING, SALT TOLERANT (SEE EXISTING & PROPOSED ROADWAY PLAN FOR EXACT LOCATIONS)
- 12. PROPOSED 5' PCC SIDEWALK (SEE EXISTING & PROPOSED ROADWAY PLAN FOR EXACT LOCATIONS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS								
MIXTURE TYPE	DESIGN AIR VOIDS @ NDES							
POLYMERIZED HMA SURFACE COURSE, MIX F, N9O, (IL-9.5 mm)	4% ⊚ 90 GYR							
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR							

## NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 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 USE OF RECYCLED SEE DISTRICT ONE SPECIAL PROVISIONS."

COUNTY TOTAL SHEETS NO.

COOK 38 7 CONTRACT NO.60T92

Г	FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -		IL. RTE. 83 (147TH ST.) AT WALLACE ST. TYPICAL SECTIONS				/447TH CT \ AT WALLACE CT			SECTION	cr
- [-	c:\pw_work\pwidot\guillaumefp\d0307142\PL	Pl13609-Design.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS					, , , , , , , , , , , , , , , , , , , ,		397	104TS-1(12)	
		PLOT SCALE = 100.0004 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								C	
		PLOT DATE = 12/21/2012 DATE -	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DI	T. NO. 1 ILLINOIS FED.	AID PRO