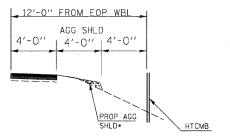


EXISTING TYPICAL SECTION

RT. 23 INTERCHANGE RAMPS

*EXIST. HMA THICKNESSES VARY ON RAMPS-SEE PVT CORES *THE PROPOSED AGG SHLD QUANTITY IS
ANTICIPATED TO BE SMALL SINCE THERE
WILL BE A GRADE REDUCTION



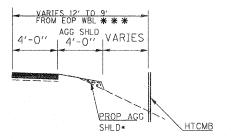
THIS DETAIL MUST BE ADHERED TO TO COMPLY WITH BDE REQUIREMENTS FOR HTCMB

DETAIL A (SEE PROP TYP SECT NO 1)

***STATION TO STATION
W.B. 853+37TO STA. 431+77.08

4" POLYMERIZED HMA
BINDER COURSE, IL-19.0, N90
45 LBS/YD NEEDED FOR CROWN —
CORRECTION

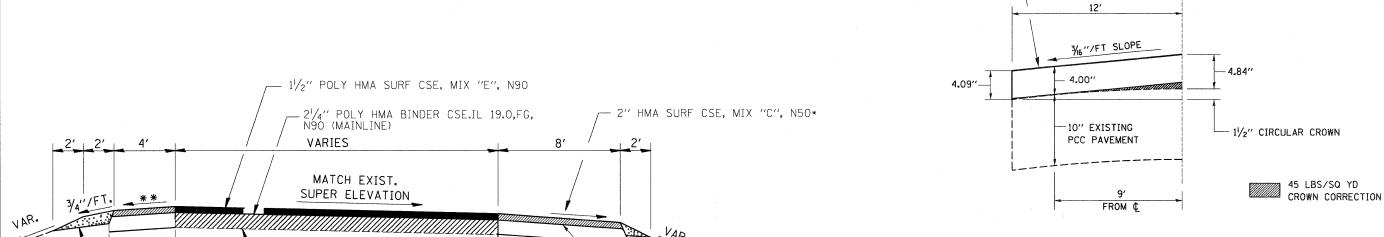
* THE PROPOSED AGG SHLD QUANTITY IS ANTICIPATED TO BE SMALL SINCE THERE WILL BE NO GRADE RAISE OR A GRADE REDUCTION



THIS DETAIL MUST BE ADHERED TO TO COMPLY WITH BDE REQUIREMENTS FOR HTCMB

DETAIL B
(SEE PROP TYP SECT NO 2)

***STATION TO STATION
431+77 TO 540+41-12'
540+41 TO 555+41-VARIES 12' TO 9'
555+41 TO 589+00-9'



CROWN CORRECTION DETAIL

PROPOSED TYPICAL SECTION

-3¾" HMA SURFACE REMOVAL (MAINLINE)

AGG. SHLD. TY. B

RT. 23 INTERCHANGE RAMPS

* FOR BOTH 4' SHOULDER & 8' SHOULDER

* * MATCH EXISTING

MIXTURES TABLE										
	POLY HMA	POLY HMA	POLY HMA	HMA SURF	HMA SHLDS	HMA SHLDS				
	SURFACE	BINDER	LEVELING BINDER	(10' SHLD TOP 2")	10", 7 1/2", 8 1/2" BINDER	6′′				
PG GRADE	SBS PG-70-22	SBS PG-70-22	SBS PG-70-22	PG 64-22	SBS PG-70-22	PG-64-22				
DESIGN AIR VOIDS	4.0% @ N90	4.0% @N90	4.0% @N50	4.0% @N50	4.0% @ N90	2.0% @ N30				
MIXTURE COMPOSITION	IL 9.5	IL 19.0 FG	IL-4.75	IL 9.5	IL 19.0	IL 19.0L				
FRICTION AGGREGATE	MIXTURE E			MIXTURE C						
DENSITY TEST METHOD	PFP CORES	PFP CORES	PFP CORES	CORRELATION	cores*	SATISFACTION OF ENGINEER				

*MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

FILE NAME =	USER NAME = \$USER\$	DESIGNED	REVISED -		EXISTING AND PROPOSED	F.A.I. SECTION COUNTY SHEET
\$FILEL\$		DRAWN	REVISED -	STATE OF ILLINOIS	TYPICAL SECTIONS	FAI 80(50-2, 4)RS-5 & (50-3)RS-6 LASALLE 109 9
	PLOT SCALE = \$SCALE\$	CHECKED	REVISED -	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 66A48
·	PLOT DATE = \$DATE\$	DATE	REVISED -		SCALE: SHEET OF SHEETS STA TO STA	ILLINOIS FED. AID PROJECT

2" HMA SURFACE REMOVAL (*SHOULDERS)