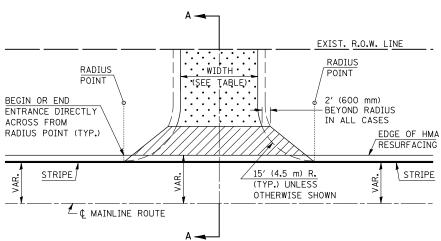
* 8RS-4&(9,10)RS-3

PROJECTS WITH RECONSTRUCTION

(3R IMPROVEMENTS)

AGGREGATE ENTRANCE



TYPICAL APPLICATION

10'-0''

-21/4" OR 21/2"

RESURFACING

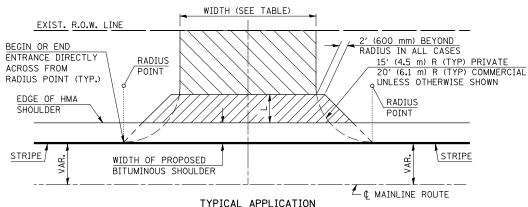
STRIPE

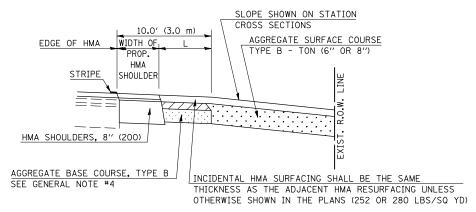
AGGREGATE BASE

COURSE, TYPE B, 6"

SEE GENERAL NOTE #4

HMA OR PCC ENTRANCE





INCIDENTAL HMA SURFACING SHALL BE THE SAME THICKNESS AS THE ADJACENT BITUMINOUS RESURFACING (252 OR 280 LBS/SQ YD)

TYPE B, 6"

 \rightarrow

AGGREGATE SURFACE COURSE

SECTION A-A

SECTION A-A "HMA EXAMPLE"

		NEW	CONSTRU	CTION & 3	R with REC	ONSTRUC	TION		-09) 3R w/out RECONSTRUCTION, 3P, SMART & CM					
NONCOMMERCIAL							NONCOMMERCIAL							
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS		COMMERCIAL			PRIVATE & FIELD			COMMERCIAL		
DESIGN ELEMENT	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.
i	12	16	24	24	30	1 LANE, 1 WAY						11	LANE, 1 W	AY
SURFACE WIDTH (FT)						14	16	24						
						2 LANE, 2 WAY					2 LANE, 2 WAY			
						24	30	35						
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them					
SHOULDER WIDTH (FT)	2	2		2		1	3							
SHOULDER SLOPE (%)	2	4	6	4		2	4	6						
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10						
SIDE SLOPE (FT)	4:1	6:1	10:1	4:1	6:1	4:1	6:1	10:1						
SURFACE TYPE														
INCIDENTAL HMA		2		2		3 or 4			taper from	n hma resui	facing thick	ness (2 1/2"	, 2 1/4" or	1 1/2") to
SURFACING (INCH)									1/2" for "butt joints" and to minimize aggregate shoulder					
AGGREGATE SURFACE		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02					
COURSE, TYPE B (INCH)														
PCC DRIVEWAY		6						6 or 8						
PAVEMENT (INCH)														

GENERAL NOTES

- 1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
- 2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
- 3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
- 4. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES, THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
- 5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' (0.3 m) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
- 6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
- 7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

ATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
08-06	RENUMBERED/COMBINED C-1.24		TEETHOIS DELANTIMENT OF THANSFORTATION
	& C-1.33 WITH ADDITIONS OF		DOTYATE AND COMMEDCIAL
	S.M.A.R.T. & 3P & 3R IMPROV.		PRIVATE AND COMMERCIAL
			ENTRANCEC
			ENTRANCES
			(NONCOMMERCIAL AND COMMERCIAL RURAL)
			(NONCOMMERCIAL AND COMMERCIAL RURAL)
			DISTRICT 5 DETAIL NO. 40800050C
			DISTRICT S DETAIL NO. 40000030G