## PROJECTS WITH RECONSTRUCTION HMA OR PCC ENTRANCE AGGREGATE ENTRANCE (3R IMPROVEMENTS) WIDTH (SEE TABLE) EXIST. R.O.W. LINE EXIST. R.O.W. LINE 2'-0" (600 mm) BEYOND BEGIN OR END \_·.·wipth RADIUS IN ALL CASES POINT ENTRANCE DIRECTLY RADIUS 15' (4.5 m) R (TYP) PRIVATE POINT (SEE TABLE) ACROSS FROM 20' (6.1 m) R (TYP) COMMERCIAL RADIUS POINT (TYP.) UNLESS OTHERWISE SHOWN BEGIN OR END 2'-0" (600 mm) BEYOND RADIUS ENTRANCE DIRECTLY EDGE OF HMA IN ALL CASES RADIUS ACROSS FROM SHOULDER POINT RADIUS POINT (TYP.) EDGE OF HMA RESURFACING <u>/ 15′ (</u>4.5 m) R. STRIPE STRIPE STRIPE WIDTH OF PROPOSED (TYP.) UNLESS BITUMINOUS SHOULDER OTHERWISE SHOWN **∠** ¢ MAINLINE ROUTE **≜** ¢ MAINLINE ROUTE TYPICAL APPLICATION TYPICAL APPLICATION SLOPE SHOWN ON STATION CROSS SECTIONS 10.0' (3.0 m) AGGREGATE SURFACE COURSE WIDTH OF EDGE OF HMA EDGE OF HMA TYPE B - TON (6" OR 8") 10'-0" PROP RESURFACING -21/4" OR 21/2" HMA AGGREGATE SURFACE STRIPE STRIPE SHOULDER COURSE TYPE B, 6"

SECTION A-A "HMA EXAMPLE"

INCIDENTAL HMA SURFACING SHALL BE THE SAME

SCALE: NA

THICKNESS AS THE ADJACENT HMA RESURFACING UNLESS

OTHERWISE SHOWN IN THE PLANS (252 OR 280 LBS/SQ YD)

HMA SHOULDERS, 8" (200)

SEE GENERAL NOTE #4

AGGREGATE BASE COURSE, TYPE B

				RURAL E	ENTRANCE	DESIGN S	TANDARD	S (PPM 40-	-09)					
	NEW CONSTRUCTION & 3R with RECON				ONSTRUCTION			3R w/out RECONSTRUCTION, 3P, SMART & CM						
NONCOMMI			NCOMMER	CIAL					NOI	COMMER	CIAL			
	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
						1	LANE, 1 W	'AY				11	1 LANE, 1 WAY	
SURFACE WIDTH (FT)	12	16	24	24	30	14	16	24						
						2 LANE, 2 WAY					2	LANE, 2 W	4Y	
						24	30	35						
RADIUS (FT)	15	25	40	30		20	30	50						
SHOULDER WIDTH (FT)	2	2		2		1	3		recurfac	e evietina a	onfiguration	· evietina h	ma or noc e	ntrance
SHOULDER SLOPE (%)	2	4	6	4		2	4	6		_	its" construc	•	•	
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10	entrances shall have the continuation of aggregate shoulders					
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4	placed behind them					
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)									-		nts" and to n	•	-	•
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)														

INCIDENTAL HMA SURFACING

SECTION A-A

SHALL BE THE SAME THICKNESS

RESURFACING (252 OR 280 LBS/SQ YD)

AS THE ADJACENT BITUMINOUS

## 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 mm) 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 12" (300 mm) 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.

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	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED	-	05/02/08 KJT
	PLOT DATE = 10/21/2009	DATE -	REVISED	_	

AGGREGATE BASE

COURSE, TYPE B, 6"

SEE GENERAL NOTE #4

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL) SHEET NO. 2 OF 2 SHEETS STA.

STRIPE

SECTION COUNTY 326 (137BR)BR CHAMPAIGN 75 62 CONTRACT NO. FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT