## 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 RADIUS IN ALL CASES RADIUS BEGIN OR END · . width · . · RADIUS POINT ENTRANCE DIRECTLY 15' (4.5 m) R (TYP) PRIVATE 20' (6.1 m) R (TYP) COMMERCIAL RADIUS POINT (SEE TABLE) ACROSS FROM POINT RADIUS POINT (TYP.) UNLESS OTHERWISE SHOWN BEGIN OR END 2'-0" (600 mm) -BEYOND RADIUS IN ALL CASES ENTRANCE DIRECTLY EDGE OF HMA RADIUS ACROSS FROM SHOULDER POINT RADIUS POINT (TYP.) EDGE OF HMA RESURFACING / 15′ (4.5 m) R. STRIPE / 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 $-2^{1}/_{4}^{\prime\prime}$ OR $2^{1}/_{2}^{\prime\prime}$ AGGREGATE SURFACE HMA STRIPE STRIPE SHOULDER COURSE TYPE B, 6" HMA SHOULDERS, 8" (200) AGGREGATE BASE INCIDENTAL HMA SURFACING COURSE, TYPE B, 6" SHALL BE THE SAME THICKNESS SEE GENERAL NOTE #4 AGGREGATE BASE COURSE, TYPE B INCIDENTAL HMA SURFACING SHALL BE THE SAME AS THE ADJACENT BITUMINOUS SEE GENERAL NOTE #4 THICKNESS AS THE ADJACENT HMA RESURFACING UNLESS RESURFACING (252 OR 280 LBS/SQ YD) OTHERWISE SHOWN IN THE PLANS (252 OR 280 LBS/SQ YD)

SEC1	ΓΙΟΝ	<u> A-A</u>
′′HMA	EXA	MPLE"

				RURAL E	NTRANCE	DESIGN S	TANDARD	<u> </u>	09)					
	NEW CONSTRUCTION & 3R with RECONSTRUCTION								3R w/out RECONSTRUCTION, 3P,					CM
	NONCOMMERCIAL								NONCOMMERCIAL					
	PR	FIELD W/ FARM PRIVATE & FIELD IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL			
DESIGN ELEMENT	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max
					1	1 LANE, 1 WAY					1	LANE, 1 W	'AY	
SURFACE WIDTH (FT)	12	16	24	24	30	14	16	24						
			2 LANE, 2 WAY					2	LANE, 2 W	'AY				
					24	30	35							
RADIUS (FT)	15	25	40	30		20	30	50						
SHOULDER WIDTH (FT)	2	2		2		1	3		resurface existing configuration; existing hma or pcc entrances					
SHOULDER SLOPE (%)	2	4	6	4		2	4	6	shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them					
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)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4						
SURFACE TYPE														
INCIDENTAL HMA		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1					
SURFACING (INCH)									_		-		gregate sh	
AGGREGATE SURFACE		6		6		8			if applicable use items: Preparation of Base & Aggregate Base					
COURSE, TYPE B (INCH)									Repair; see PPM 30-02					
PCC DRIVEWAY		6						6 or 8						
PAVEMENT (INCH)														

SECTION A-A

## 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.

	DISTRICT	5	DETAIL	NO.	40800050C
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COUNTY

MCLEAN

81 72

CONTRACT NO. 70768

FILE NAME =	USER NAME = shererjm	DESIGNED -	REVISED - 12/08/06 TJB			DDIVATE AND COMMEDCIAL ENTRANCES	F.A.P.	SECTION	
c:\pw_work\PWIDOT\SHERERJM\dØ109813\d57	0768-sht-details.dgn	DRAWN -	REVISED - 09/21/07 KAG	STATE OF ILLINOIS	,,	PRIVATE AND COMMERCIAL ENTRANCES NONCOMMERCIAL AND COMMERCIAL RURAL)	676	(9-1,9)RS	_
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED - 05/02/08 KJT	DEPARTMENT OF TRANSPORTATION	· ·			_	
	PLOT DATE = 2/24/2010	DATE -	REVISED -		SCALE: NA	SHEET NO. 2 OF 2 SHEETS STA. TO STA.	FED. ROAD DIST	T. NO. ILLINOIS	ısı