FILE NAME =

USER NAME = shererjm

LOT SCALE = 40.0000 '/ IN

PLOT DATE = 10/13/2009

c:\pw_work\PWIDOT\SHERERJM\dms86674\D570388-sht-details.dgn

DESIGNED

CHECKED

DRAWN

DATE

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 BEGIN OR END · wipth RADIUS IN ALL CASES 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 ## C MAINLINE ROUTE TYPICAL APPLICATION TYPICAL APPLICATION SLOPE SHOWN ON STATION CROSS SECTIONS <u>10.0′</u> (3.0 m) AGGREGATE SURFACE COURSE WIDTH OF EDGE OF HMA EDGE OF HMA TYPE B - TON (6" OR 8") 10'-0" PROP RESURFACING $-2\frac{1}{4}$ " OR $2\frac{1}{2}$ " 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) SECTION A-A

SECTION A-A "HMA EXAMPLE"

				RURAL E	NTRANCE	DESIGN S	TANDARD	S (PPM 40-	09)					
	NEW CONSTRUCTION & 3R with RECONSTRUCTION								3R w/out RECONSTRUCTION, 3P, SMART & CM					
	NONCOMMERÇIAL							NONCOMMERCIAL						
	PR	IVATE & FII	ELD	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 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	I					
RADIUS (FT)	15	25	40	30		20	30	50						
SHOULDER WIDTH (FT)	2	2		2		1	3		recurfac	e evictina a	onfiguration	evietina l	nma or pcc	antrance
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	 shall have "butt joints" constructed; existing aggregate or earth 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														
NCIDENTAL HMA		2		2		3 or 4			taper from	hma resur	facing thick	ness (2 1/2	2", 2 1/4" or	1 1/2") to
SURFACING (INCH)									taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02					
AGGREGATE SURFACE		6		6		8								
COURSE, TYPE B (INCH)														
PCC DRIVEWAY		6						6 or 8						
PAVEMENT (INCH)														

REVISED - 12/08/06 TJB

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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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09/21/07 KAG	
05/02/08 KJT	DEPA

STATE OF ILLINOIS ARTMENT OF TRANSPORTATION

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

SCALE: NA

F.A.S. RTE.	SECTION						COUNTY	TOTAL SHEETS	SHE
1517			12VE	3R-1		PIATT	168	7	
							CONTRACT	NO. 7	'038
FFD, RO	DAD	DIST.	NO.	ILLINOIS	FED.	AID	PROJECT		