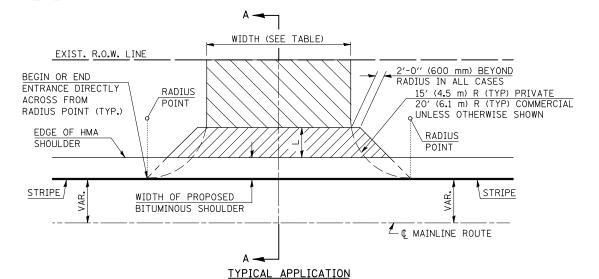
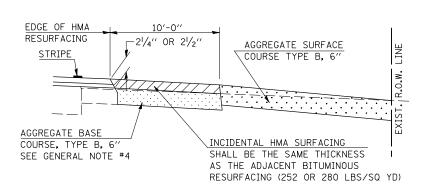
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE (3R IMPROVEMENTS) EXIST. R.O.W. LINE RADIUS · · · wipth · · · RADIUS POINT POINT (SEE TABLE) BEGIN OR END 2'-0" (600 mm) -BEYOND RADIUS IN ALL CASES ENTRANCE DIRECTLY ACROSS FROM RADIUS POINT (TYP.) EDGE OF HMA RESURFACING / 15′ (4.5 m) R. STRIPE STRIPE (TYP.) UNLESS OTHERWISE SHOWN ♣ ¢ MAINLINE ROUTE



HMA OR PCC ENTRANCE



TYPICAL APPLICATION

SLOPE SHOWN ON STATION CROSS SECTIONS 10.0' (3.0 m) AGGREGATE SURFACE COURSE WIDTH OF EDGE OF HMA TYPE B - TON (6" OR 8") PROP HMA STRIPE SHOULDER HMA SHOULDERS, 8" (200) AGGREGATE BASE COURSE, TYPE B INCIDENTAL HMA SURFACING SHALL BE THE SAME SEE GENERAL NOTE #4 THICKNESS AS THE ADJACENT HMA RESURFACING UNLESS OTHERWISE SHOWN IN THE PLANS (252 OR 280 LBS/SQ YD)

SCALE: NA

SECTION A-A

SECTION A-A "HMA EXAMPLE"

				RURAL E	ENTRANCE	DESIGN S	TANDARDS	S (PPM 40-	-09)					
	NEW CONSTRUCTION & 3R with RECONSTRUCTION									3R w/out RECONSTRUCTION, 3P, SMART & CM				
		NONCOMMERCIAL								NONCOMMERCIAL				
	PR	<u>ĮVATE & FII</u>	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 W	AY				1 LANE, 1 WAY		
SURFACE WIDTH (FT)	12	16	24	24	30	14	16	24						
						2	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		recurfac	e evietina a	onfiguration	o evietina h	ma or noo e	ontrance
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		•	ve the conti	-		
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4				hind them	.9994	
SURFACE TYPE														
NCIDENTAL HMA		2		2		3 or 4			taper from	n hma resui	rfacing thick	ness (2 1/2	". 2 1/4" or	1 1/2") to
SURFACING (INCH)									1 -		nts" and to r	•	-	•
AGGREGATE SURFACE		6		6		8			if applicable use items: Preparation of Base & Aggregate Base					
COURSE, TYPE B (INCH)											•	PPM 30-02		,
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 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

FILE	NAME	=
\$FILE	EL\$	

USER NAME = \$USER\$	DESIGNED	-	REVISED	-	12/08/06 TJB
	DRAWN	-	REVISED	-	09/21/07 KAG
PLOT SCALE = \$SCALE\$	CHECKED	-	REVISED	-	05/02/08 KJT
PLOT DATE = \$DATE\$	DATE	-	REVISED	-	

STATE	0F	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

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F.A.P. RTE.			SEC	TION			COUNTY	TOTAL SHEETS	SHE
709			(113R)RS-1			CHAMPAIGN	65	58
							CONTRAC	T NO.	7011
FED. RO	DAD	DIST.	NO.	ILLINOIS	FED.	AID	PROJECT		