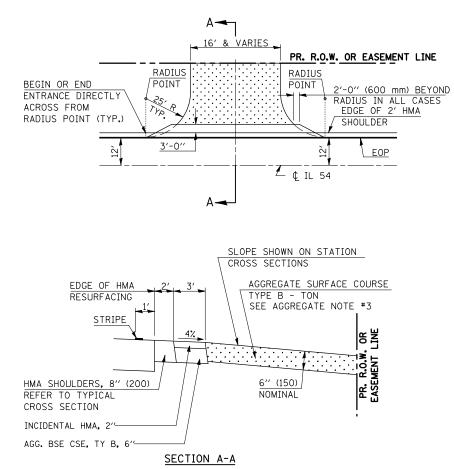
IL 54 ENTRANCES



	RURAL	ENTRANC	E DESIGN	STANDARI	DS (PPM 40)-09)				
		NEW	CONSTRU	ICTION & 3	R with REC	ONSTRUC				
	NONCOMMERCIAL									
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS		COMMERCIAL				
DESIGN ELEMENT	min.	des.	max.	min.	max.	min.	des.	max.		
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY				
						14	16	24		
						2 LANE, 2 WAY				
						24	30	35		
RADIUS (FT)	15	25	40	30		20	30	50		
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)	1:4	1:4	1:10	1:4	1:6	1:4	1:6	1:10		
SURFACE TYPE										
INCIDENTAL HMA		2		2		3 or 4				
SURFACING (INCH)										
AGGREGATE SURFACE		6		6		8				
COURSE, TYPE B (INCH)										
PCC DRIVEWAY		6						6 or 8		
PAVEMENT (INCH)										

FIELD ENTRANCE DETAILS

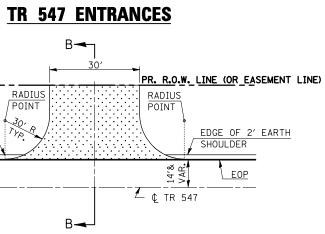
BEGIN OR END ENTRANCE DIRECTLY ACROSS FROM RADIUS POINT (TYP.) 14'& VAR.

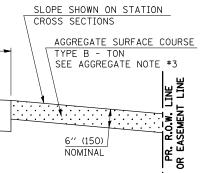
EDGE OF AGG PAV'T SURFACE

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.

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -						F.A.P.	SECTION		TOTAL SHEET
c:\pw_work\PWIDOT\KEYSRB\d0101441\D5705	92-sht-details.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	FIELD ENTRANCES (NONCOMMERCIAL RURAL)				71	121R	MCLEAN	87 40
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT NO. 70592
	PLOT DATE = 10/16/2009	DATE -	REVISED -		SCALE: NA	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD D	DIST. NO. ILLINOIS FED.	AID PROJECT	





SECTION B-B

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