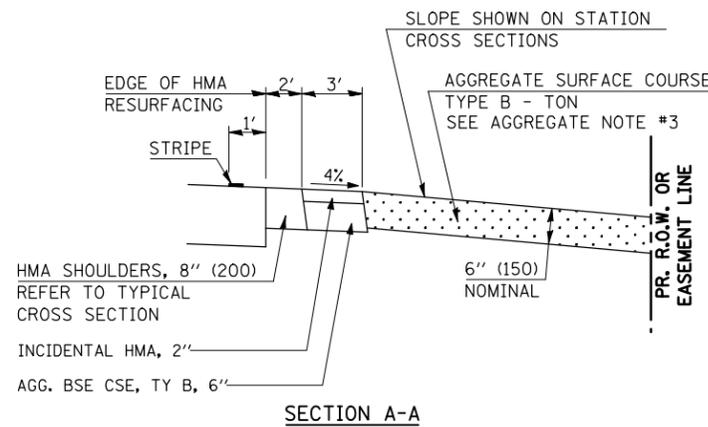
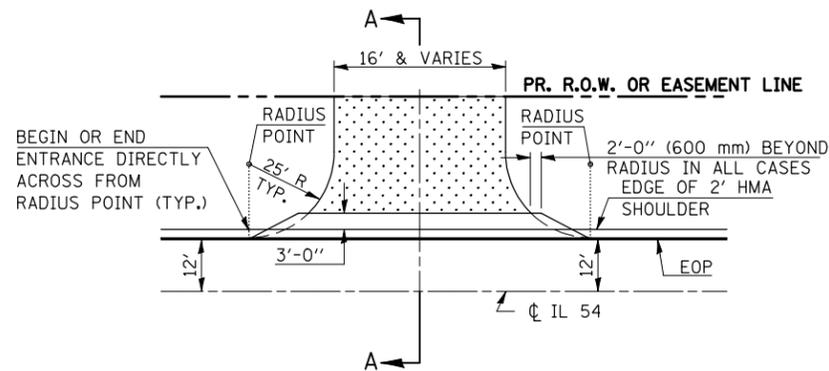
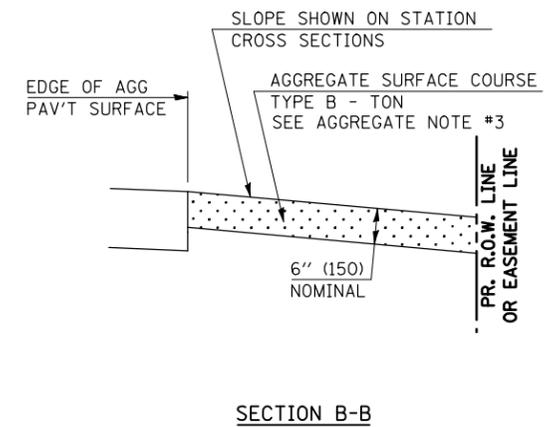
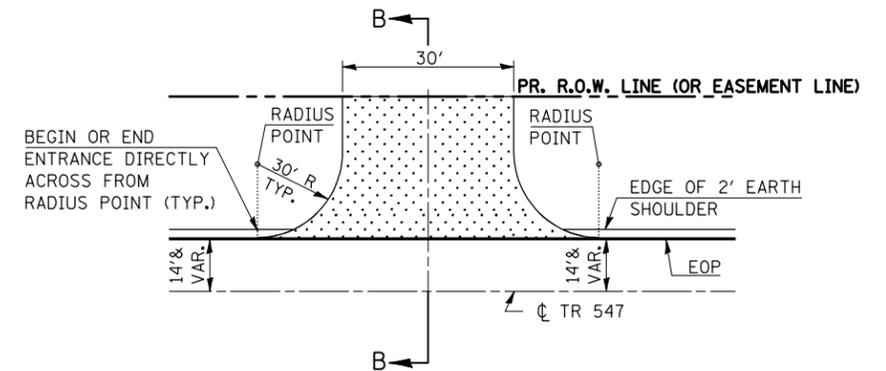


# FIELD ENTRANCE DETAILS

## IL 54 ENTRANCES



## TR 547 ENTRANCES



RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)								
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION							
	NONCOMMERCIAL						COMMERCIAL	
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS				
	min.	des.	max.	min.	max.	min.	des.	max.
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY		
						14	16	24
RADIUS (FT)	15	25	40	30		2 LANE, 2 WAY		
						24	30	35
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
<b>SURFACE TYPE</b>								
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4		
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8		
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8

### 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) 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.

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