

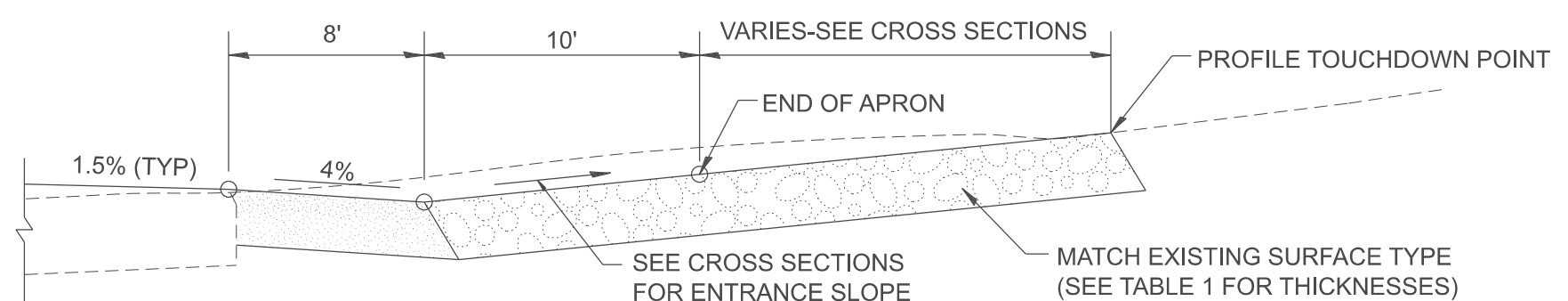
TABLE 1								
RURAL ENTRANCE DESIGN								
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL			
					1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' Min.	24' Max.	20' Min.	30' Max.	14' Min.	24' Max.	24' Min.	35' Max.
FLARE	1:1.5							
MAX. GRADE (G)	12%		12%		10%			

SURFACE TYPE			
INCIDENTAL HOT MIX ASPHALT SURFACING	6"	—	8"
AGGREGATE SURFACE COURSE	6"	8"	—
PCC DRIVEWAY PAVEMENT	6"	—	7"

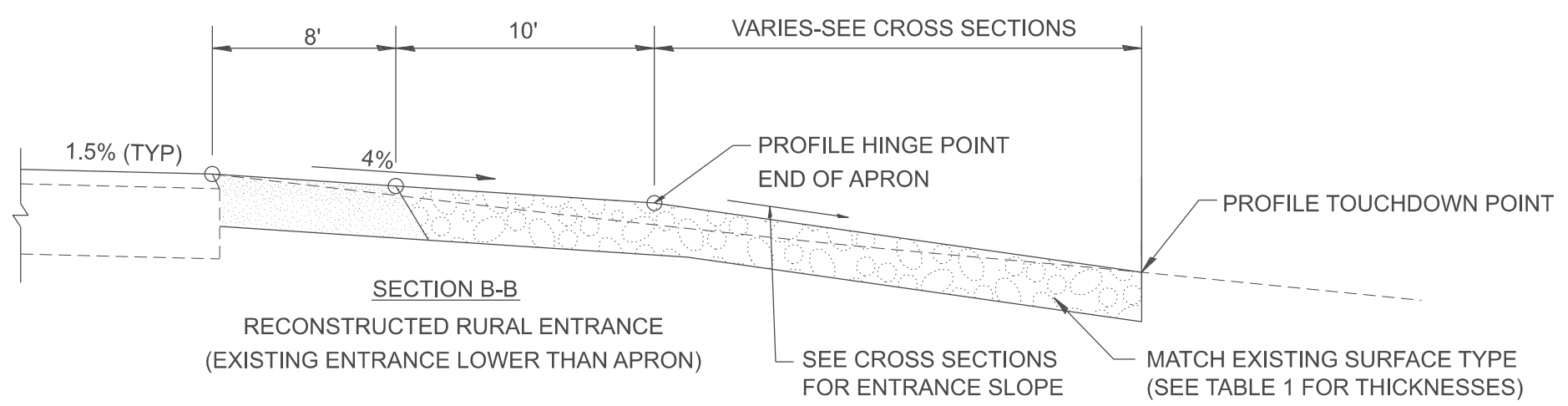
HOT MIX ASPHALT SHOULDER, 8"  
 AGGREGATE SHOULDER, TYPE B, 6"

**PLAN**

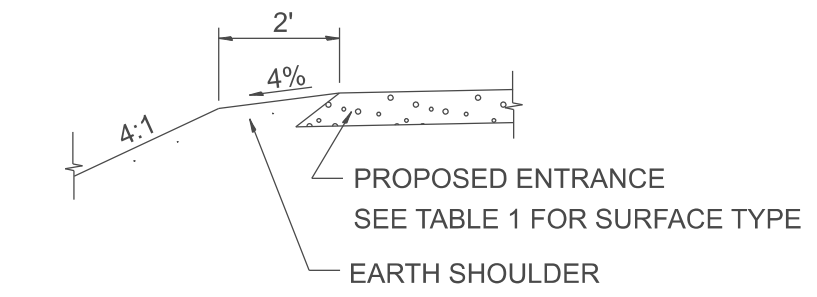
COMMERCIAL / FARM-RELATED ENTRANCE



SECTION B-B  
RECONSTRUCTED RURAL ENTRANCE  
(EXISTING ENTRANCE HIGHER THAN APRON)



SECTION B-B  
RECONSTRUCTED RURAL ENTRANCE  
(EXISTING ENTRANCE LOWER THAN APRON)



SECTION A-A  
SHOULDER TREATMENT FOR RURAL ENTRANCES

GENERAL NOTES

- ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.
- A MINIMUM 8' PAVED SHOULDER SHALL BE CONSTRUCTED BETWEEN LOCATIONS WHERE THE RURAL ENTRANCE IS LESS THAN 50' FROM AN ADJACENT SIDEROAD, ENTRANCE OR MAILBOX TURNOUT.
- A TAPER RATE OF 5:1 IS DESIRABLE WHEN TRANSITING FROM THE RURAL ENTRANCE WIDTH SHOWN IN TABLE 1, TO THE EXISTING ENTRANCE WIDTH.

All dimensions are in inches unless otherwise noted.

MODEL: D4-406301-01  
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USER NAME = thomas.cox	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 11/11/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCES FOR "3R" PROJECTS**

SCALE: NOT TO SCALE SHEET 0001 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 406301		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				