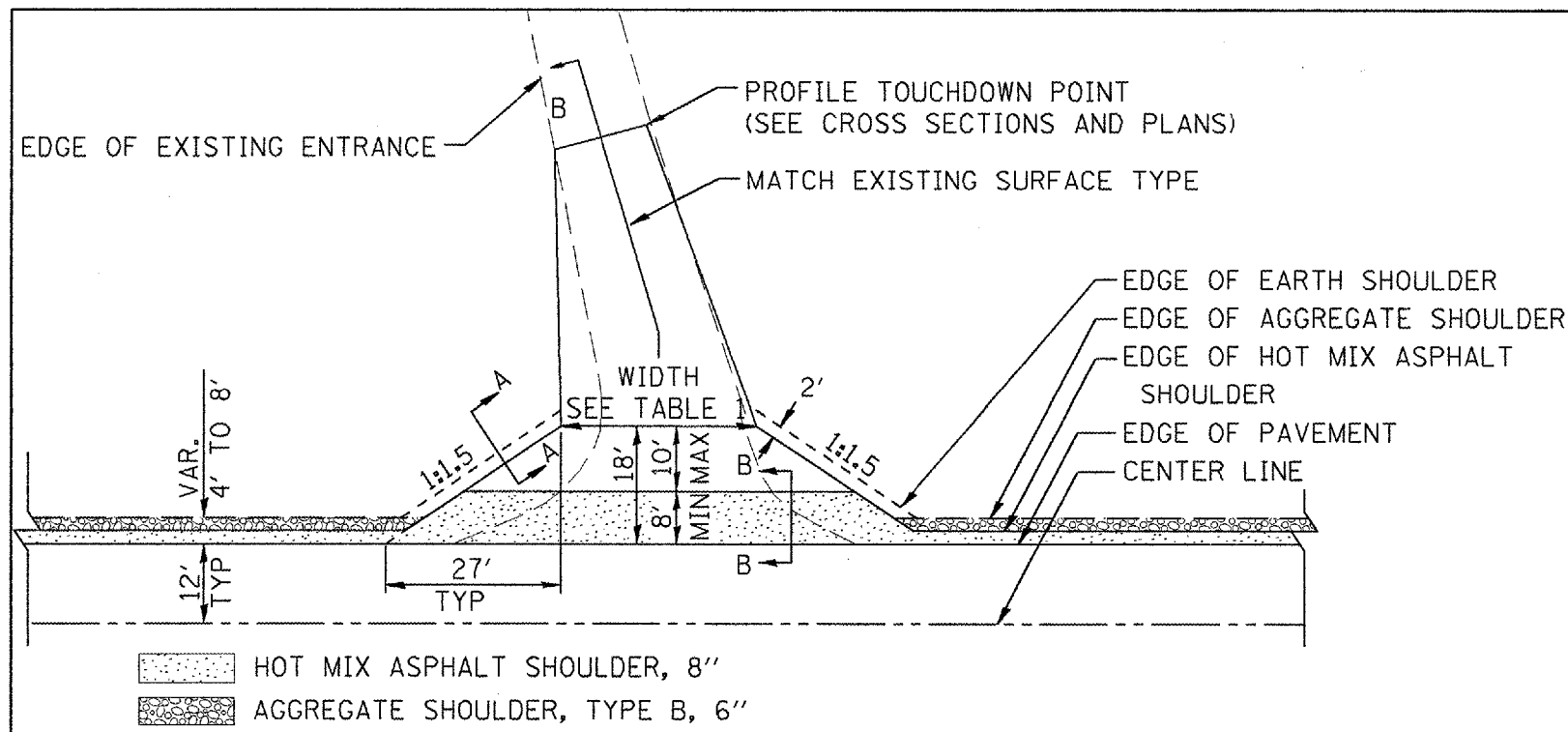
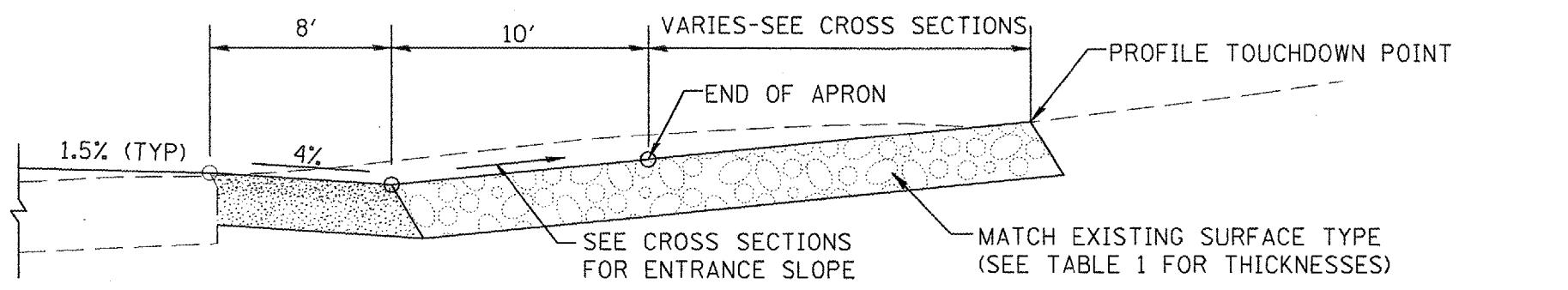


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(108B)BR, BR-1	McDonough	80	71
STA. 63+00		TO STA. 74+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

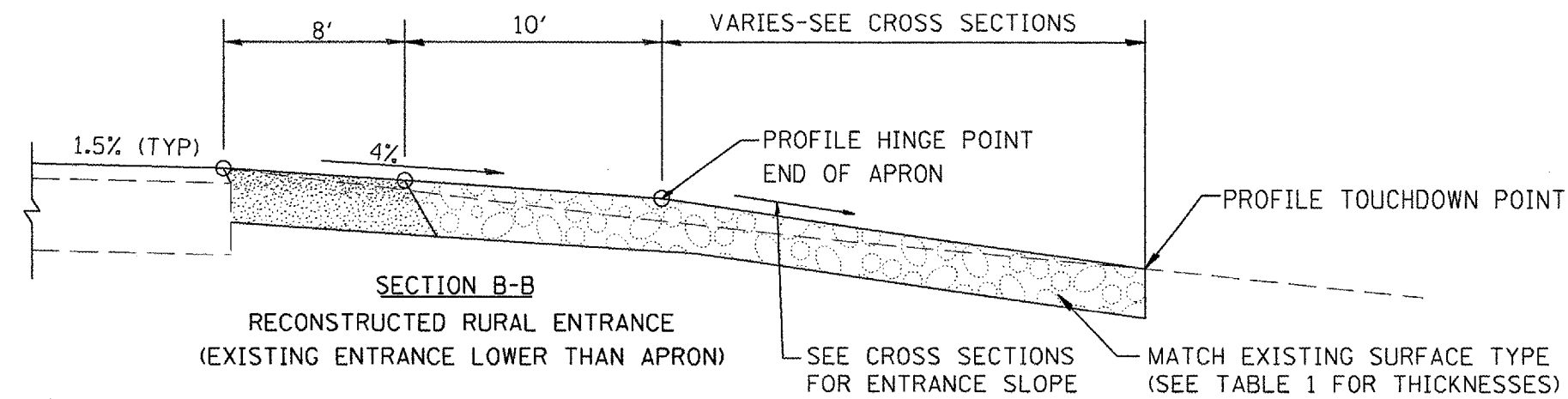
TABLE 1					
RURAL ENTRANCE DESIGN					
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT	COMMERCIAL	
				1-WAY OPERATION	2-WAY OPERATION
WIDTH (W)	12'(3.6m) Min.	24'(7.2m) Max.	20' (6.1m)Max.	14'(4.3m) Min.	24'(7.2m) Max.
FLARE	1:1.5				35'(10.7m) Max.
MAX. GRADE (G)	12%		12%		10%
SURFACE TYPE					
INCIDENTAL HOT MIX ASPHALT SURFACING	6"		—		8"
AGGREGATE SURFACE COURSE	6"		8"		8"
PCC DRIVEWAY PAVEMENT	6"		—		7"



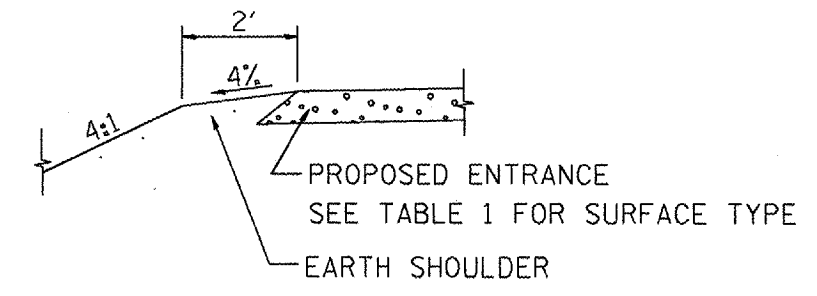
**PLAN**  
COMMERCIAL / FARM-RELATED ENTRANCE



**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.

DATE	REVISIONS	BY
1-1-97	RENUM. C-103.06, NEW REVISION BOX	T.P.
7-1-97	REVISE DESIGNER NOTES	J.A.
1-17-03	ADJUST DESIGN, CHANGE ENTRANCE RADIUS FOR FLARE	J.A.T.R.
9-15-05	RADIUS FOR FLARE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**  
RURAL ENTRANCES FOR "3R" PROJECTS  
SHEET 1 OF 2  
CADD STD NO. 406301-D4  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY: T. PICKERING  
DATE