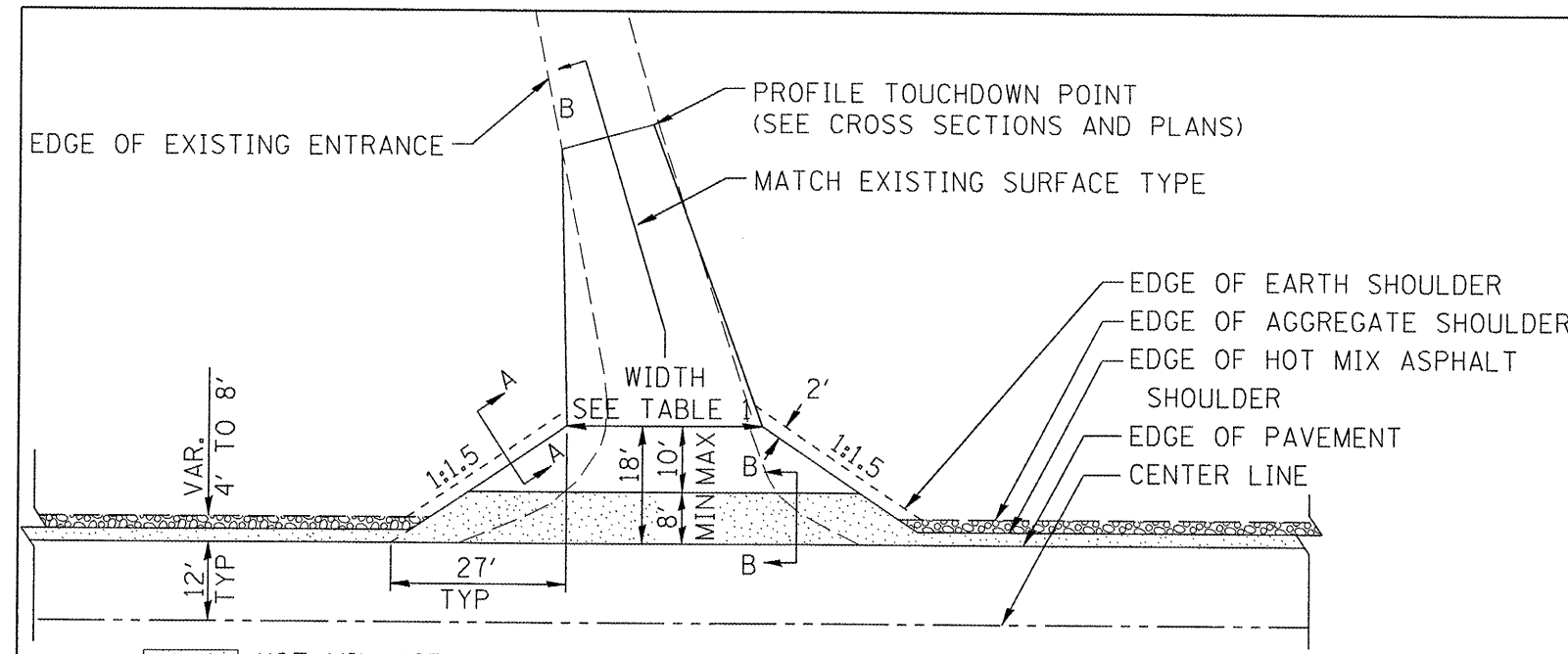


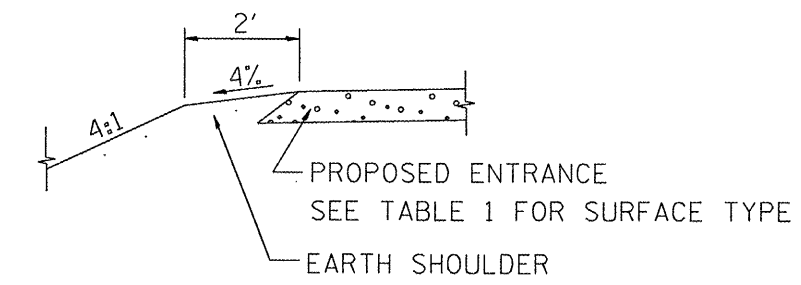
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	37BR-1	MCDONOUGH/ FULTON	138	82
STA. 557+20.00		TO STA. 589+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TABLE 1 RURAL ENTRANCE DESIGN					
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT	COMMERCIAL	
	12'(3.6m) Min.	24'(7.2m) Max.	20'(6.1m)Max.	30'(9.0m)Max.	
WIDTH (W)	12'(3.6m) Min.	24'(7.2m) Max.	20'(6.1m)Max.	30'(9.0m)Max.	14'(4.3m) Min., 24'(7.2m) Max., 24'(7.2m) Min., 35'(10.7m) 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"		8"
PCC DRIVEWAY PAVEMENT	6"		—		7"



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

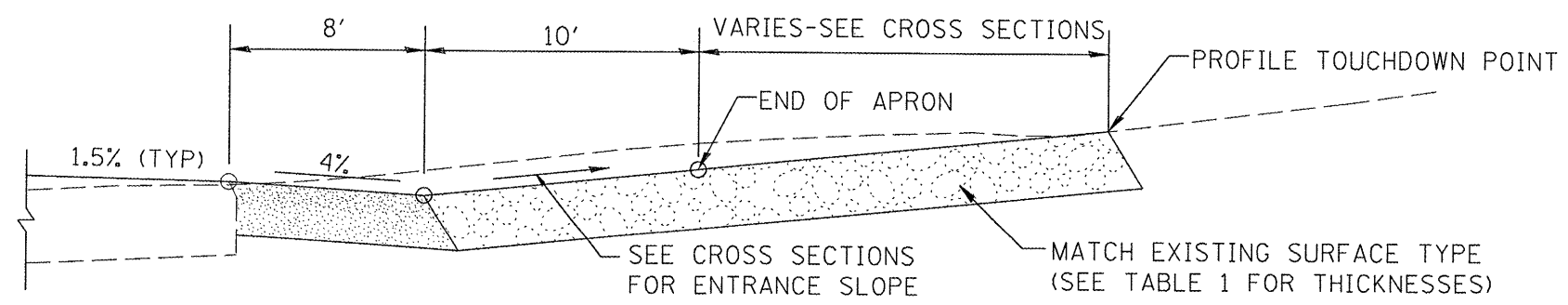
PLAN
COMMERCIAL / FARM-RELATED ENTRANCE



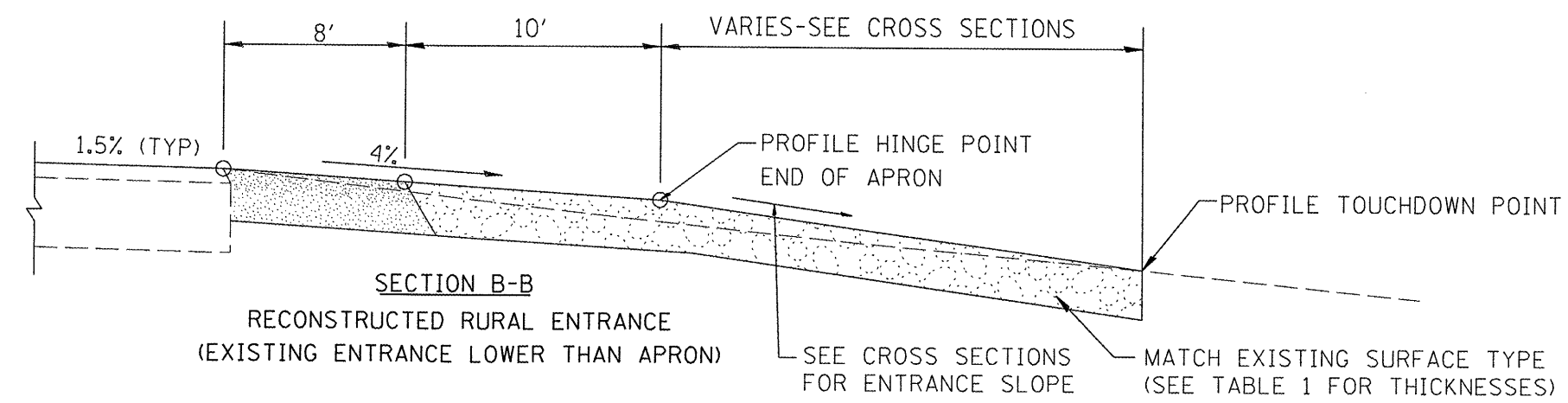
SECTION A-A
SHOULDER TREATMENT FOR RURAL ENTRANCES

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.



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



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

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