

| | TABLE 1 | | | | | | | | | | | | | |
|--|----------------|--------------|------|--|-----------------|--------------------|-----------|-----------------|-----------------|-----------|------|------------|-----|--|
| | | | | RU | IRAL ENTRANCE | DESIGN | | | | | | | | |
| ELEMENT | NON-COMMERCIAL | | | NON-COMME | COMMERCIAL | | | | | | | | | |
| | | | | LARGE FARM | 1-WAY OPERATION | | | | 2-WAY OPERATION | | | | | |
| WIDTH (W) | 12′(3.6m) Mir | n. 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% | | 1 | 10% | | | | | | | | | |
| SURFACE TYPE | | | | | | | | | | | | | | |
| INCIDENTAL HOT MIX ASPHALT SURFACING | 6" | | | Magazania and American and Amer | 8" | | | | | | | | | |
| AGGREGATE SURFACE COURSE | | 6" | | 8 | 8" | | | | | | | | | |
| PCC DRIVEWAY PAVEMENT | | 6" | | | 7" | | | | | | | | | |

COMMERCIAL / FARM-RELATED ENTRANCE 8' 10' VARIES-SEE CROSS SECTIONS PROFILE TOUCHDOWN POINT END OF APRON SEE CROSS SECTIONS FOR ENTRANCE SLOPE SECTION B-B COMMERCIAL / FARM-RELATED ENTRANCE WATCH EXISTING SURFACE TYPE (SEE TABLE 1 FOR THICKNESSES)

RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE HIGHER THAN APRON)

8'

10'

VARIES-SEE CROSS SECTIONS

PROFILE HINGE POINT
END OF APRON

PROFILE TOUCHDOWN POINT

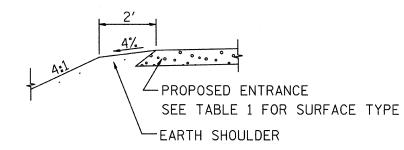
SECTION B-B

RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE LOWER THAN APRON)

SEE CROSS SECTIONS

MATCH EXISTING SURFACE TYPE

FOR ENTRANCE SLOPE



SECTION A-A
SHOULDER TREATMENT FOR RURAL ENTRANCES

GENERAL NOTES

- 1. ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.
- 2. 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.
- 3. 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 (millimeters) unless otherwise noted.

| 01-01-97 | RENUM. C-103.06, NEW REVISION BOX | T.P. | 10-16-06 REVISED TO 2007 SPEC. | M.A. | | | | F.A. S | SECTION | COUNTY | TOTAL SHEET SHEETS NO. |
|----------|-----------------------------------|--------|--------------------------------|----------|------------------------------|--------------|-----------------------------------|---------------------|---------------------|----------|---------------------------|
| 07-01-97 | REVISE DESIGNER NOTES | J.A. | | | STATE OF ILLINOIS | | RURAL ENTRANCES FOR "3R" PROJECTS | 206 04-0 | 0094-02-RS | MERCER | 18 14 |
| 01-17-03 | ADJUST DESIGN, CHANGE ENTRANCE | JATR | | | DEPARTMENT OF TRANSPORTATION | NOT TO SCALE | SHT. 1 OF 2 | | | CONTRACT | Γ NO. |
| 09-15-05 | RADIUS FOR FLARE | M.M.A. | | <u> </u> | | NOT TO SCALE | CADD STD. 406301-D4 | FED. ROAD DIST. NO. | . ILLINOIS FED. AID | PROJECT | |

(SEE TABLE 1 FOR THICKNESSES)