

|  |                |                |                   | TADLE 1         |            |         |                   |      |            |      |            |     |
|--|----------------|----------------|-------------------|-----------------|------------|---------|-------------------|------|------------|------|------------|-----|
|  |                |                |                   | TABLE 1         |            |         |                   |      |            |      |            |     |
|  |                |                | RU                | RAL ENTRANCE    | DESIGN     |         | *****             |      |            |      |            |     |
|  | NON-COMMERCIAL |                | NON-COMMERCIAL W/ |                 | COMMERCIAL |         |                   |      |            |      |            |     |
| ELEMENT                                    |                |                | LARGE FARM        | 1-WAY OPERATION |            |         | 2-WAY OPERATION   |      |            |      |            |     |
| WIDTH (W)                                  | 12′(3.6m) Min. | 24′(7.2m) Max. | 20′ (6.1m)Max.    | 30′ (9.0m)Max.  | 14′(4.3m)  | Min. 24 | 4′(7 <b>,</b> 2m) | Max. | 2'4'(7.2m) | Min. | 35′(10.7m) | Max |
| FLARE                                      | 1:1.5          |                |                   |                 |            |         |                   |      |            |      |            |     |
| MAX. GRADE (G)                             | 12%            |                | 12%               |                 | 10%        |         |                   |      |            |      |            |     |
| SURFACE TYPE                               |                |                |                   |                 |            |         |                   |      |            |      |            |     |
| INCIDENTAL<br>HOT MIX ASPHALT<br>SURFACING | 6′′            |                |                   | -               | 8′′        |         |                   |      |            |      |            |     |
| AGGREGATE<br>SURFACE<br>COURSE             | 6              | ,,,            | 8                 | 8"              |            |         | 8′′               |      |            |      |            |     |

<u>PLAN</u>

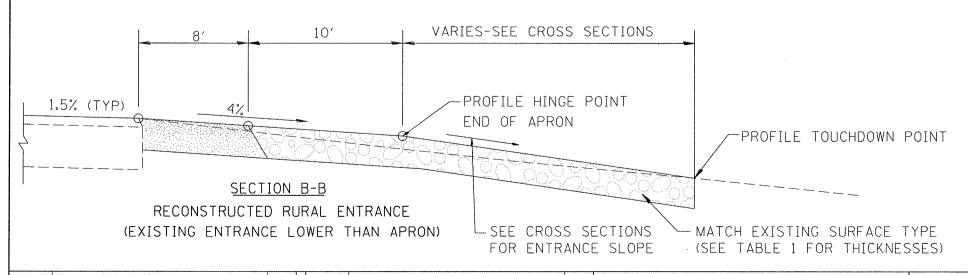
COMMERCIAL / FARM-RELATED ENTRANCE

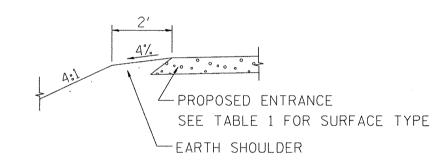
FOR ENTRANCE SLOPE

SECTION B-B

RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE HIGHER THAN APRON)

1.5% (TYP)





SHOULDER TREATMENT FOR RURAL ENTRANCES

## GENERAL NOTES

6′′

- 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.     | OTATE OF HARAGO              |               |                                   | RTE. SE             | ECTION COUNTY TOTAL SHEET NO. |
|--|--------|--------------------------------|----------|------------------------------|---------------|-----------------------------------|---------------------|-------------------------------|
| OL-OL-AL MEALER DESIGNER MOLES             | J.A.   |                                |          | STATE OF ILLINOIS            |               | RURAL ENTRANCES FOR "3R" PROJECTS | 407 55              | 5-3HB-1 McDONOUGH 103 54      |
| 01-17-03 ADJUST DESIGN, CHANGE ENTRANCE    | JATR   |                                |          | DEPARTMENT OF TRANSPORTATION | NOT TO SCALE  | SHT. 1 OF 2                       |                     | CONTRACT NO. 68A41            |
| US-15-US [RADIUS FOR FLARE                 | M.M.A. |                                | <u> </u> |                              | INUI TO SCALE | CADU 510. 406301-04               | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT     |

(SEE TABLE 1 FOR THICKNESSES)