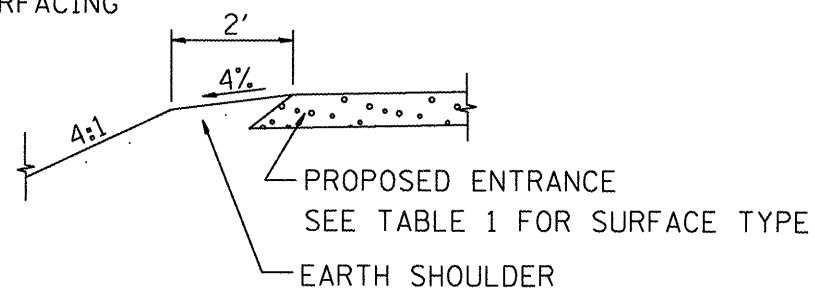
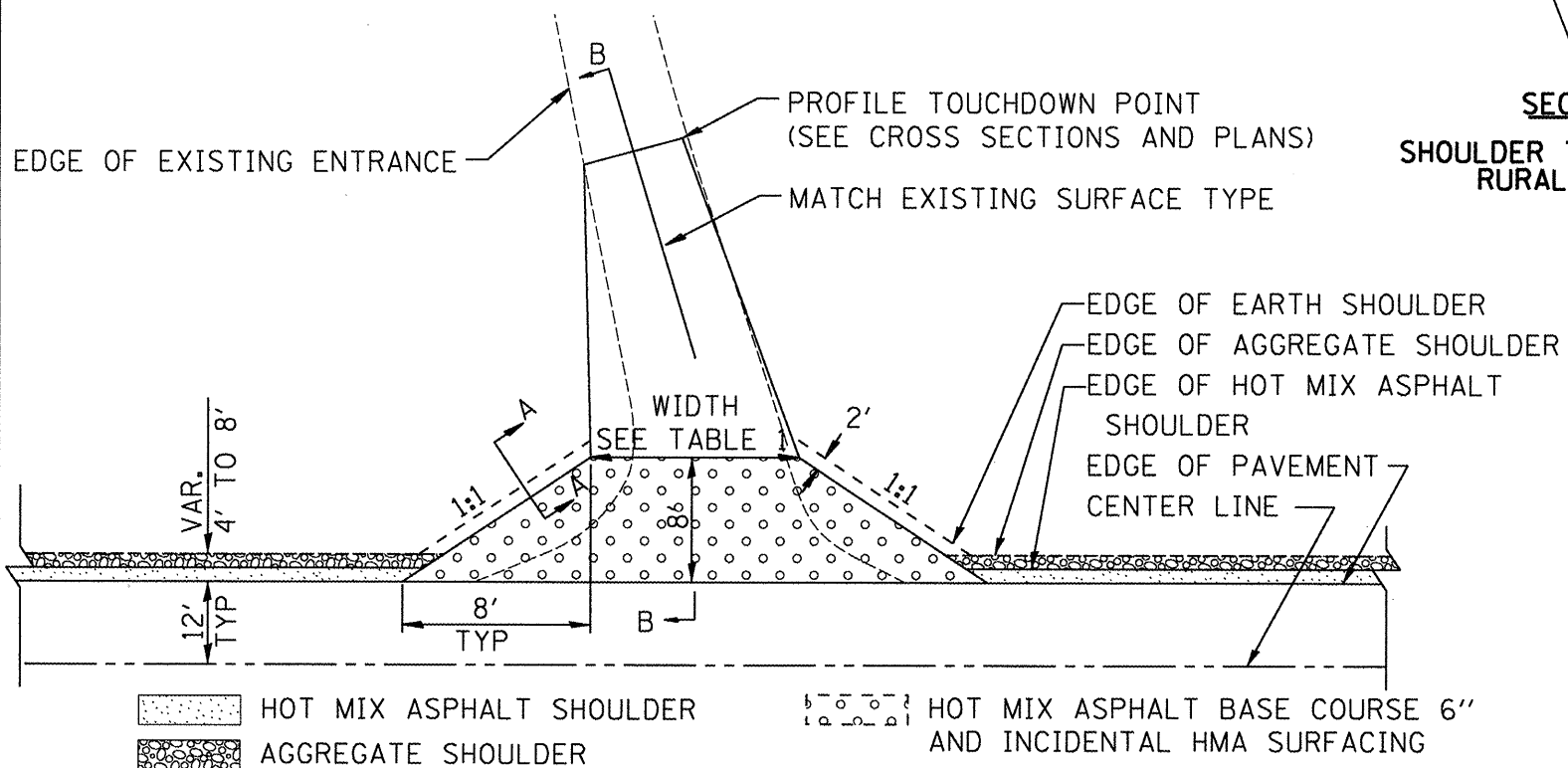


**PLAN**  
**COMMERCIAL / FARM-RELATED ENTRANCE**



**SECTION A-A**  
**SHOULDER TREATMENT FOR RURAL ENTRANCES**



**PLAN**  
**PRIVATE ENTRANCE**

| TABLE 1   |                |                |   |               |                 |                 |                                 |
|---|----------------|----------------|---|---------------|-----------------|-----------------|---------------------------------|
| RURAL ENTRANCE DESIGN   |                |                |   |               |                 |                 |                                 |
| ELEMENT   | NON-COMMERCIAL |                | NON-COMMERCIAL W/<br>LARGE FARM EQUIPMENT |               | COMMERCIAL      |                 |                                 |
|   |                |                |   |               | 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'(7.2m) Max.  | 24'(7.2m) Min., 35'(10.7m) Max. |
| FLARE   | 1:1            |                |   |               |                 |                 |                                 |
| MAX. GRADE (G)  | 12%            |                | 12%                                       |               | 10%             |                 |                                 |
| SURFACE TYPE  |                |                |   |               |                 |                 |                                 |
| HMA BASE COURSE 6 1/2" AND INCIDENTAL HOT MIX ASPHALT SURFACING | 8"             |                | —   |               | 8"              |                 |                                 |
| AGGREGATE SURFACE COURSE, TYPE B                                | 6"             |                | 8"  |               | 8"              |                 |                                 |
| PCC DRIVEWAY PAVEMENT   | 6"             |                | —   |               | 7"              |                 |                                 |

**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 (millimeters) unless otherwise noted.