

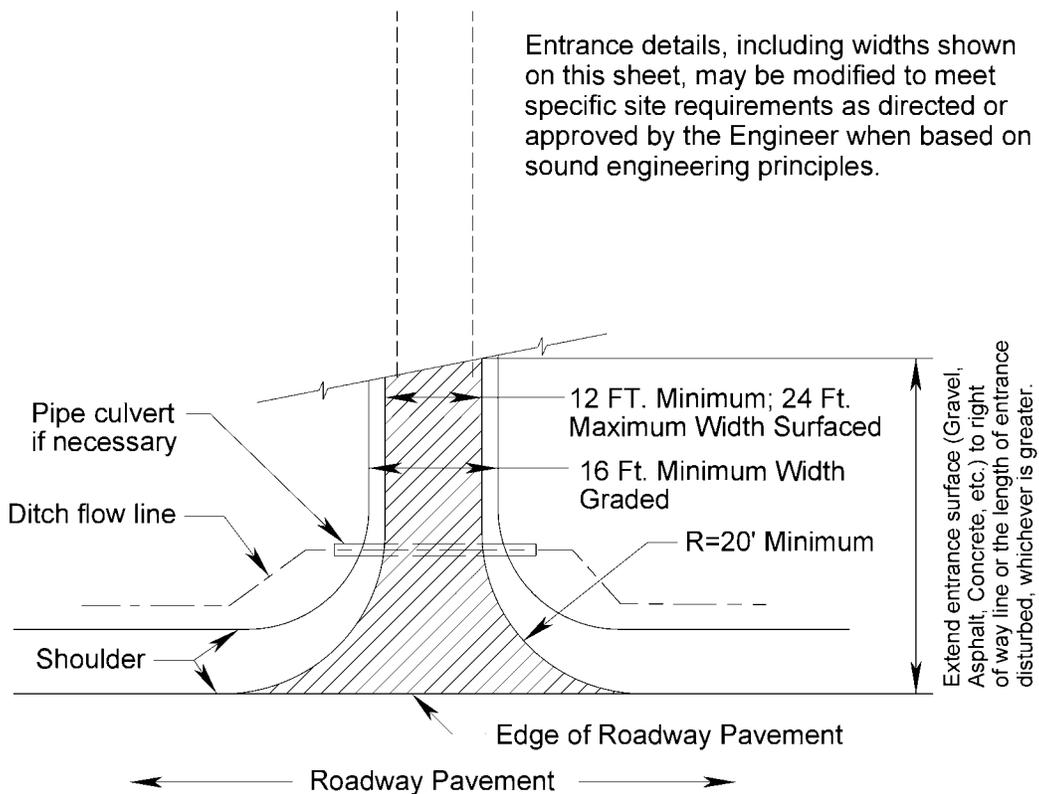
2. Ditch section private entrances

All private entrances shall be designed to serve one or two individual lots on a local subdivision street. All private entrances should be designed and constructed as shown in figure 9. Entrance radius should be 20' except in high density areas where a 12' radius can be allowed. All entrance pipe culverts will be sized to accommodate the run off expected from a 10-year frequency storm.

All entrance grades shall start back of the shoulder line. If drainage is necessary, the ditch line may be moved back to provide cover for pipe. Entrances shall be at least 12 ft. wide and shall be tied into the roadway smoothly. The driveway entrance surface shall extend from the edge of the roadway to the right of way line. Entrance surface can be crusher run aggregate or paved.

3. Driveway entrance grades

In the interest of assuring an adequate, convenient, and safe access to public roads, VDOT recommends the grades along driveways not exceed 10%.



**FIGURE 9 – PRIVATE ENTRANCE DETAIL**