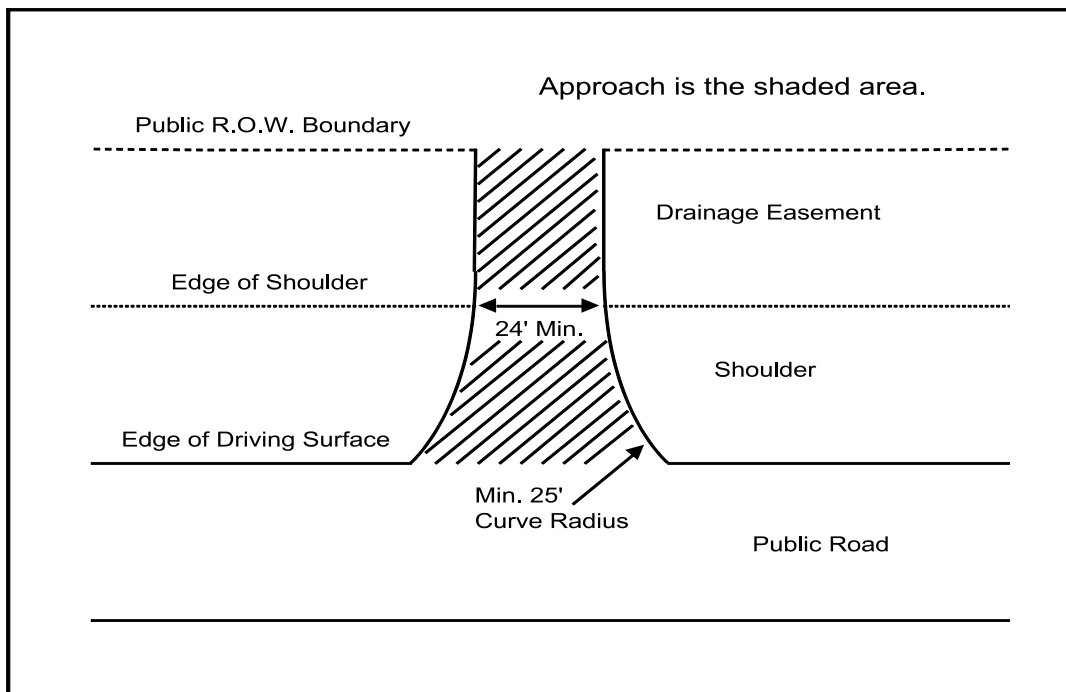


**CONSTRUCTION REQUIREMENTS FOR ACCESS APPROACHES  
TO CUSTER COUNTY PUBLIC ROADS**

If the road is a state and/or federal highway, additional permitting requirements may apply. Contact the SD Department of Transportation, phone 605-673-4948, for information.

Private roads and driveways are considered to extend as far as the edge of the driving surface of the public road (the through-traffic, or traveled lanes). The *approach* is that portion of the driveway that crosses the public right-of-way from the right-of-way boundary to the edge of the driving surface. The road's shoulder extends from the edge of the driving surface to the point where the inside slope of the adjacent drainage ditch begins (see diagram).

**Typical Approach Detail**



In general, approaches to public roads are to be located to best advantage in relation to sight distances, grade and curve profiles, and road alignment. As nearly as possible, approaches should be positioned at right angles to the intersecting road.

A maximum of one approach will be allowed for each lot, tract, and parcel of land or business establishment unless otherwise first approved by the Custer County Highway Superintendent

**Construction Requirements**

Approaches for private roads and driveways are required to be constructed with a minimum width of twenty-four feet (24') at the point where the approach intersects with the edge of the shoulder of the public road.

For a minimum distance of thirty feet (30') before a private road or driveway approach intersects with the edge of the driving surface of the road, a vertical gradient of zero percent (0%) plus or minus two percent (+/- 2%) is required.

The edges of a private road or driveway are required to be connected to the edge of the driving surface of the road with a curve radius of no less than twenty-five feet (25'). Approaches with lesser shoulder radii may be allowed with the prior approval of the Highway Superintendent.

The driving surface of an approach for a private road or driveway must be constructed with at least four inches (4") of gravel compacted to a uniform consistency.

### ***Drainage***

All private roads and driveways must be constructed so as not to impair existing roadway drainage systems and ditches. Drainage structures are required to be of a size, type and length to ensure proper drainage at the approach site.

The minimum size required for culverts is eighteen inches (18") in diameter. The minimum lengths required are thirty feet (30') or thirty-two feet (32'). Culverts must be constructed of concrete or galvanized material; however, double-walled plastic pipe may be used with the prior approval of the Highway Superintendent.

The required minimum bottom depth of ditches at all culvert inlets and outlets is two and one-half feet (2½') below the driving surface.

Approval of the Highway Superintendent is required prior to the installation of any drainage structure.

### ***Construction Recommendations for Private Access Roads and Driveways***

For areas of private access roads and driveways which do not lie within the approach, a minimum driving surface width of twelve feet (12') is recommended.

In slopes (the inside slope of an adjacent drainage ditch) of 4:1 or shallower for a minimum of six horizontal feet from the edge of the driving surface of the driveway are recommended.

Vertical grades should not exceed 12% and should in no case be so steep as to impede use by emergency vehicles.

Private access roads which exceed one thousand three hundred feet (1,300') in length should provide for intermediate turn-arounds in conformity with *Custer County Road Specifications (12/28/06)*

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A copy of *Custer County Road Specifications (12/28/06)* may be obtained at the Custer County Highway Department, John Culberson, Superintendent, 25365 U.S. Hwy. 385, Custer, SD 57730, Phone 605-673-5678, or the Custer County Planning Department, 420 Mt. Rushmore Rd., Custer, SD 57730, Phone 605-673-8174