

(Excerpt of Ordinance #2000-01, Article 8, Sections 803 and 804)

Section 803. Section Line Road Standards.

- A) Section line roads shall be treated as ~~arterial~~ rural collector roads for design purposes. Design Criteria for section line roads shall be in accordance with the South Dakota Department of Transportation ~~Secondary Local~~ Local Roads Plan (~~Revised 1997~~) (2011). The ADT for section line roads shall be determined by the Highway Superintendent.
- B) Access from individual lots within a subdivision onto an arterial road shall be prohibited. Frontage roads are not encouraged but may be considered when special circumstances warrant.
- C) Driveway spacing and sight distance requirements shall be in accordance with County ordinance and SDDOT standards.
- D) Minimum width of the driving surface shall be 24 feet, plus two-foot shoulders. The inslope of the road shall be a minimum depth of 3 feet with a maximum slope of 4:1, ditch bottoms of 10 feet wide, and minimum backslopes will vary. The minimum clear zone shall be 10 feet wide.
- E) Gravel roads shall have an initial three-inch lift of gravel spread over the driving surface. If this lift is compacted, a second three-inch lift may be immediately spread over the driving surface. If the initial lift is allowed to self-compact, a second three-inch lift of gravel shall be spread over the driving surface within one year of the first lift. Asphalt, Portland cement concrete surfaces, and granular surfaces shall be constructed in accordance with specifications of the South Dakota Department of Transportation (SDDOT) and as approved by the Highway Superintendent.
- F) Culverts under roadways or driveways shall be R.C.P. or C.M.P. Culverts 24” and less in diameter shall have sloped end sections if placed across main roads and shall have safety ends if placed across an approach. Larger culverts will not require end sections if the ends of the culvert are extended beyond the safety clear zone. ~~The safety zone shall be determined by use of tables in the South Dakota Department of Transportation Secondary Road Plan.~~
- G) The size of culverts shall be determined by a drainage study for the entire drainage basin. The minimum culvert diameter shall be 18 inches. The minimum culvert size for individual driveways shall be 18”.
- H) Seeding of ditches and other erosion protection measures shall be employed after grading is completed to minimize erosion.
- I) Mailbox turnouts may be required if mailboxes are placed off a section line road with a drivable shoulder of less than 8 feet in width.

Exception: If a parcel of land is to be developed or improved for an individual residence then an alternate road design for access to such parcel may be considered by the Hughes County Commission. (The intent of this exception is for a single-family residence only. If this parcel or adjacent parcels are further developed and/or subdivided for residential use, all applicable zoning ordinances, subdivision ordinances and road standards adopted by Hughes County shall be in effect).

Source: Ord. No. 2003-8, 2003; Ord. No. 2009-12, 2009.

Section 804. Subdivision Road Standards.

- A) Design Criteria for subdivision roads shall be in accordance with the South Dakota Department of Transportation ~~Secondary Local~~ Local Roads Plan (~~Revised 1997~~) (2011).
- B) Access from individual lots within a subdivision onto an arterial road shall be prohibited. Frontage roads are not encouraged but may be considered when special circumstances warrant.
- C) Driveway spacing and sight distance requirements shall be in accordance with SDDOT standards, and the location of all entrances to public roads shall be approved by the Highway Superintendent.

- D) Minimum width of the driving surface shall be 20 feet, plus two-foot shoulders. The minimum slopes shall be 3:1 (4:1 minimum recommended) and the minimum clear zone shall be 10 feet wide. The minimum cross slope grade shall be 1.5%
- E) Gravel roads shall have an initial three-inch lift of gravel spread over the driving surface. This lift shall be compacted. A second three-inch lift of gravel shall be spread over the driving surface. This second lift may be placed immediately but must be placed within one year of the first lift. Asphalt, Portland cement concrete surfaces, and granular surfaces shall be constructed in accordance with specifications of the SDDOT. Asphalt surfaces shall, at a minimum, be a 6-inch granular base course with a asphalt surface treatment (chip-seal). An alternative to the surface treatment would be a 2 inch layer of asphalt concrete over a 6-inch base. If Portland cement is desired, a minimum layer of 7-inch thickness is required over a minimum 6-inch base.
- F) Culverts under roadways or driveways shall be R.C.P. or C.M.P. Culverts 24” and less in diameter shall have sloped end sections if placed across main roads and shall have safety ends if placed across an approach. Larger culverts will not require end sections if the ends of the culvert are extended beyond the safety clear zone. The safety clear zone shall be a minimum of 10 feet, ~~or as determined by use of tables in the South Dakota Department of Transportation Secondary Road Plan.~~
- G) The size of culverts shall be determined by a drainage study for the entire drainage basin. The minimum culvert diameter shall be 18 inches. The minimum culvert size for individual driveways shall be 18”.
- H) Seeding of ditches and other erosion protection measures shall be employed after grading is completed to minimize erosion.
- I) Streets with curb and gutter shall meet the requirements of the South Dakota Department of Transportation ~~Secondary~~ Local Roads Plan and Road Design Manual.
- J) Mailbox turnouts may be required if mailboxes are placed on a road with a drivable shoulder of less than 8 feet in width.

Exception: If a parcel of land is to be developed or improved for an individual residence then an alternate road design for access to such parcel may be considered by the Hughes County Commission. (The intent of this exception is for a single-family residence only. If this parcel or adjacent parcels are further developed and/or subdivided for residential use, all applicable zoning ordinances, subdivision ordinances and road standards adopted by Hughes County shall be in effect).

Source: Ord. No. 2003-8, 2003; Ord. No. 2009-12, 2009.