

SOUTH DAKOTA ROUTE VARIATIONS

ROUTE VARIATION NUMBER	STATE	COUNTY	REASON
0166-01	SD	Harding	Route variation to minimize constructability and safety concerns with current County Road 988 crossing.
0167-01	SD	Jones	Route variation to minimize constructability and safety concerns with current Interstate 90, Hwy 16 and State Railroad crossings.
0172-01	SD	Tripp	Route variation to minimize landowner impacts and reduce crossing of varying terrain features.
0178-01	SD	Tripp	Route variation to minimize constructability and safety concerns with current Interstate 90, Hwy 16 and State Railroad crossings.
0179-01	SD	Harding	Route variation to avoid endangered species.
0181-01	SD	Haakon	Route variation to remove unnecessary points of inflection in the route and reduce the route length.
0187-01	SD	Haakon	Route variation per landowner request and to avoid crossing a pond.
0188-01	SD	Haakon	Route variation per landowner request to minimize construction impacts to a pond.
0190-01	SD	Harding	Route variation to avoid paleontological features.
0192-01	SD	Harding	Route variation to minimize multiple crossing of a waterline.
0195-01	SD	Tripp	Route variation per landowner requests to avoid a row of trees and minimize landowner impacts.
0196-01	SD	Haakon	Route variation to minimize crossing length of Hwy 73 and constructability concerns.
0199-01	SD	Perkins	Route variation to minimize multiple creek crossings.
0199-02	SD	Meade	Route variation to minimize multiple creek crossings and avoid paralleling drainage feature.
0199-03	SD	Haakon	Route variation to avoid paralleling drainage feature.
0199-05	SD	Haakon	Route variation to minimize creek crossings and adjust for better constructability of creek crossing.
0199-06	SD	Haakon	Route variation to avoid drainage feature and eliminate construction impacts to the levee.
0199-08	SD	Lyman	Route variation to avoid drainage features.
0199-09	SD	Tripp	Route variation to minimize multiple creek crossings.
0200-01	SD	Haakon	Route variation to minimize creek crossings, adjust for better constructability of creek crossing and minimize construction impacts to a pond.
0212-01	SD	Harding	Route variation to accommodate HDD design for the Little Missouri River.
0214-01	SD	Meade	Route variation to avoid a well and levee.
0214-02	SD	Tripp	Route variation to avoid a well and impacts to a fence.
0215-01	SD	Harding	Route variation to avoid varying terrain features.
0215-02	SD	Meade	Route variation to avoid paralleling a creek.
0215-03	SD	Haakon	Route variation to avoid sudden terrain change.
0215-04	SD	Tripp	Route variation to avoid road crossing within a wetland area.
0216-01	SD	Lyman	Route variation to minimize side slope construction.
0216-02	SD	Tripp	Route variation to minimize side slope construction.
0220-01	SD	Haakon	Route variation to accommodate HDD design for the Bad River.
0224-01	SD	Meade	Route variation to minimize multiple creek crossings.
0239-01	SD	Haakon	Route variation to avoid sudden terrain change.
0252-01	SD	Meade	Route variation to avoid ridge lines, varying terrain and sudden terrain changes.
0252-02	SD	Meade	Route variation to avoid ridge lines, varying terrain and sudden terrain changes.
0252-03	SD	Haakon	Route variation to accommodate HDD design for the Cheyenne River.
0256-01	SD	Haakon	Route variation to remove unnecessary points of inflection in the route and reduce the route length.
0256-02	SD	Haakon	Route variation to accommodate a road crossing.
0256-03	SD	Jones	Route variation to minimize the route length.
0257-01	SD	Perkins	Route variation to avoid construction foot print impacts paralleling a road.
0257-02	SD	Meade	Route variation to avoid route and construction foot print impacts paralleling a road.
0258-01	SD	Harding	Route variation to avoid crossing a pond.
0260-01	SD	Haakon	Route variation to accommodate waterline crossings.
0260-02	SD	Haakon	Route variation to accommodate waterline crossings.
0260-03	SD	Haakon	Route variation to avoid construction foot print on waterline.
0260-04	SD	Haakon	Route variation to avoid crossing waterlines.
0262-01	SD	Haakon	Route variation to increase separation of route and pond spillway due to constructability and avoid potential future concerns.
0269-01	SD	Harding	Route variation to avoid cultural site.
0270-01	SD	Meade	Route variation to avoid construction foot print impacts to cattle guard and fence.
0272-01	SD	Haakon	Route variation to minimize side slope construction and varying terrain.
0279-01	SD	Jones	Route variation to remove unnecessary points of inflection in the route and reduce the route length.
0280-01	SD	Harding	Route variation to avoid varying terrain and sudden terrain changes.
0281-01	SD	Harding	Route variation to avoid side slope construction.
0282-01	SD	Harding	Route variation to minimize drainage crossings and avoid paralleling a drainage.

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0285-01	SD	Haakon	Route variation to accommodate road and creek crossings.
0286-01	SD	Haakon	Route variation to remove unnecessary points of inflection in the route, reduce the route length and better valve location.
0287-01	SD	Lyman	Route variation to accommodate road crossing and better valve location.
0289-01	SD	Haakon	Route variation to accommodate pump station design.
0289-02	SD	Jones	Route variation to accommodate pump station design.
0291-01	SD	Harding	Route variation to avoid paralleling and minimize multiple creek crossings.
0292-01	SD	Harding	Route variation to avoid paralleling a creek.
0293-01	SD	Jones	Route variation to avoid construction impacts to a pond and levee. Also, minimize varying terrain features.
0294-01	SD	Tripp	Route variation to avoid a well and construction foot print impacts to a fence surrounding a historical site.
0295-01	SD	Tripp	Route variation to avoid a drainage crossing and accommodate a road crossing.
0296-01	SD	Butte / Perkins	Route variation to avoid terrain feature.
0310-01	SD	Jones	Route variation to avoid paralleling a drainage and increase separation at a washout at a creek crossing.
0311-01	SD	Perkins	Route variation to avoid a cultural site and accommodate a creek crossing.
0314-01	SD	Tripp	Route variation to avoid side slope construction and sudden terrain changes.
0372-01	SD	Haakon	Route variation to accommodate valve placement.
0381-01	SD	Harding	Route variation to avoid crossing a pond.
0382-01	SD	Harding	Route variation to minimize construction foot print on adjacent landowner property.
0384-01	SD	Meade	Route variation to avoid impacts to adjacent property.
0383-01	SD	Jones	Route variation to accommodate waterline crossing.
0385-01	SD	Haakon	Route variation to minimize multiple crossing of a waterline.
0395-01	SD	Harding	Route variation to accommodate pump station design.
0395-02	SD	Harding	Route variation to accommodate pump station design.
0395-03	SD	Meade	Route variation to accommodate pump station design.
0395-04	SD	Haakon	Route variation to accommodate pump station design.
0395-05	SD	Jones	Route variation to accommodate pump station design.
0395-06	SD	Tripp	Route variation to accommodate pump station design.
0395-07	SD	Tripp	Route variation to accommodate pump station design.
0413-01	SD	Harding	Route variation to avoid washouts and sudden terrain changes.
0442-01	SD	Jones	Route variation to accommodate waterline crossing.
0443-01	SD	Lyman	Route variation to avoid paralleling a creek.
0443-02	SD	Jones	Route variation to avoid paralleling a creek.
0443-04	SD	Haakon	Route variation to avoid waterbody crossing.
0443-05	SD	Jones	Route variation to avoid paralleling a creek.
0455-01	SD	Haakon	Route variation to increase parallel separation of route and waterline.
0455-02	SD	Haakon	Route variation to increase parallel separation of route and waterline.
0456-01	SD	Harding	Route variation to avoid an oil well.
0465-01	SD	Harding	Route variation to avoid pond/wetland features.
0470-01	SD	Harding	Route variation to avoid creek crossing.
0470-02	SD	Haakon	Route variation to minimize multiple creek crossings.
0470-03	SD	Jones	Route variation to minimize multiple creek crossings.
0470-04	SD	Perkins	Route variation to avoid paralleling a creek.
0470-05	SD	Perkins	Route variation to avoid paralleling a creek.
0470-06	SD	Meade	Route variation to accommodate creek crossing.
0470-07	SD	Meade	Route variation to avoid a pond.
0470-09	SD	Perkins	Route variation to avoid ravine.
0470-10	SD	Perkins	Route variation to avoid paralleling a creek
0478-01	SD	Meade	Route variation to accommodate road crossing.
0491-01	SD	Meade	Route variation to avoid drainage.
0497-01	SD	Haakon	Route variation to accommodate road crossing.
0512-01	SD	Meade	Route variation to avoid any well impacts.
0512-02	SD	Meade	Route variation to avoid any well impacts.
0512-03	SD	Tripp	Route variation to avoid any well impacts.
0512-04	SD	Tripp	Route variation to avoid any well impacts.
0514-01	SD	Butte	Route variation to avoid cultural site.
0515-01	SD	Harding	Route variation to avoid cultural site.
0527-01	SD	Harding	Route variation to avoid cultural site.
0527-02	SD	Perkins	Route variation to avoid cultural site.
0528-01	SD	Tripp	Route variation to avoid swampy low lying area near a pond.
0543-01	SD	various	Route variation to accommodate HDD designs.