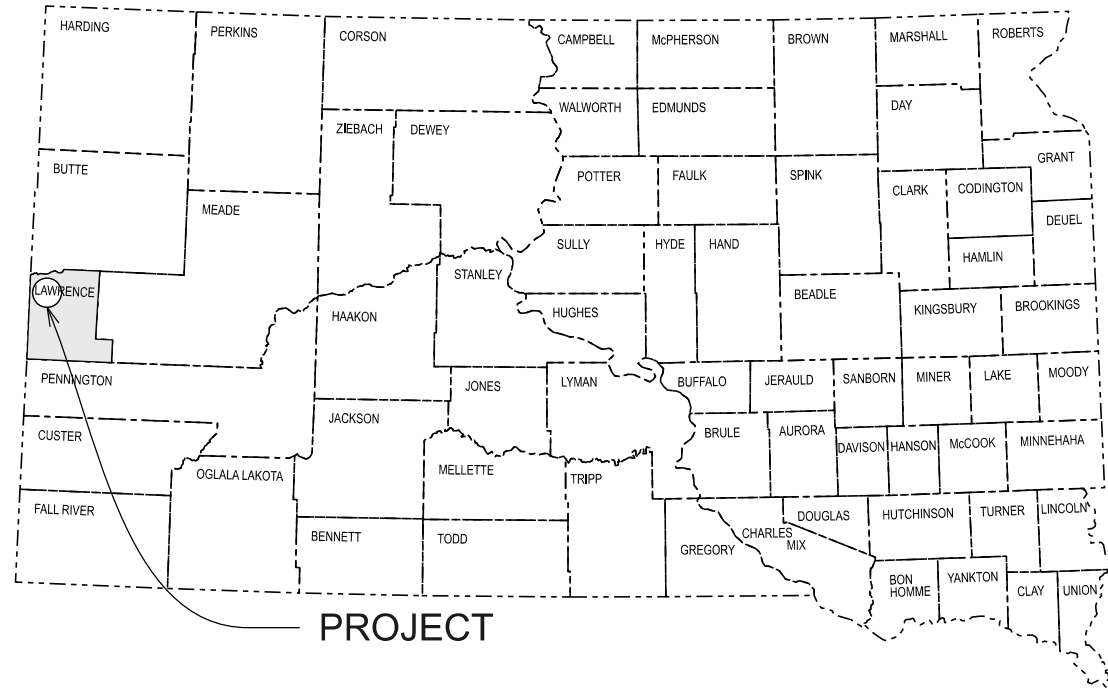


STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
PROJECT PH 0014(257)10
US HIGHWAY 14 EL & 14 WL
LAWRENCE COUNTY
INTERSECTION MODIFICATION AND LIGHTING
PCN 08LL

INDEX OF SECTIONS:

- Section A: Estimate of Quantities and Environmental Commitments
- Section B: Grading Plans
- Section C: Traffic Control Plans
- Section D: Erosion and Sediment Control Plans
- Section F: Surfacing Plans
- Section L: Signal and Lighting Plans
- Section M: Pavement Marking Plans
- Section S: Permanent Signing Plans
- Section X: Cross Sections
- Section Z: Pipe Sections



PROJECT

US 14 EL DESIGN DESIGNATION

ADT (2024)	4290
ADT (2044)	7829
DHV	1247
D	50%
T DHV	2.2%
T ADT	4.9%
V	45 MPH

US 14 WL DESIGN DESIGNATION

ADT (2024)	4290
ADT (2044)	7829
DHV	1247
D	50%
T DHV	2.2%
T ADT	4.9%
V	45 MPH

US 85 N DESIGN DESIGNATION

ADT (2024)	4845
ADT (2044)	7020
DHV	924
D	50%
T DHV	3.4%
T ADT	7.5%
V	45 MPH

US 85 S DESIGN DESIGNATION

ADT (2024)	4845
ADT (2044)	7020
DHV	924
D	50%
T DHV	3.4%
T ADT	7.5%
V	45 MPH

I-90 EB Ramp DESIGN DESIGNATION

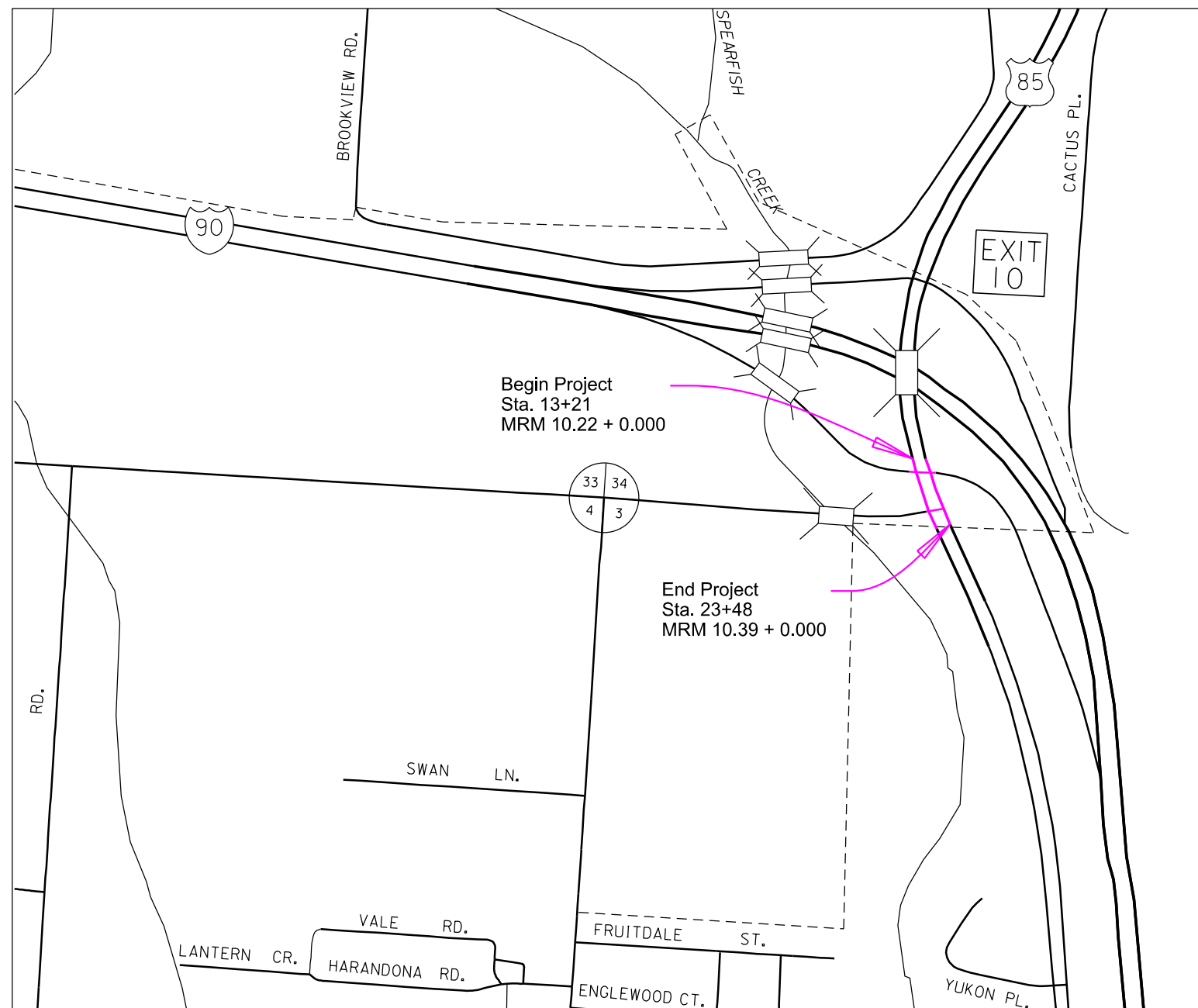
ADT (2024)	1291
ADT (2044)	2027
DHV	0
D	99%
T DHV	4.6%
T ADT	10.0%
V	45 MPH

I-90 WB Ramp DESIGN DESIGNATION

ADT (2024)	3431
ADT (2044)	5387
DHV	0
D	99%
T DHV	4.6%
T ADT	10%
V	45 MPH

STORM WATER PERMIT

Major Receiving Body of Water: Spearfish Creek
Area Disturbed: 1.8 Acres
Total Project Area: 2.7 Acres
Approx. Begin Lat,Long: 44.5184, -103.8638



1

May 6, 2026

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS



SECTION B – GRADING

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	0.660	Mile
009E3245	Final Cross Section Survey	0.330	Mile
009E3250	Miscellaneous Staking	0.330	Mile
009E3280	Slope Staking	0.330	Mile
009E3301	Engineer Directed Surveying/Staking	40.0	Hour
009E4200	Construction Schedule, Category II	Lump Sum	LS
110E0300	Remove Concrete Curb and/or Gutter	242	Ft
110E0400	Remove Drop Inlet	1	Each
110E1010	Remove Asphalt Concrete Pavement	3,184.0	SqYd
110E1100	Remove Concrete Pavement	206.4	SqYd
110E1120	Remove Concrete Median Pavement	137.1	SqYd
110E7500	Remove Pipe for Reset	8	Ft
110E7510	Remove Pipe End Section for Reset	1	Each
120E0010	Unclassified Excavation	7,539	CuYd
120E2000	Undercutting	5,090	CuYd
120E6100	Water for Embankment	75.0	MGal
230E0010	Placing Topsoil	500	CuYd
250E0020	Incidental Work, Grading	Lump Sum	LS
380E2554	4" Barrier Type Median PCC Pavement	988.4	SqYd
421E0100	Pipe Culvert Undercut	38	CuYd
450E0122	18" RCP Class 2, Furnish	16	Ft
450E0130	18" RCP, Install	16	Ft
450E3012	24" RCP Arch Class 2, Furnish	158	Ft
450E3020	24" RCP Arch, Install	158	Ft
450E4504	24" RCP Arch Flared End, Furnish	1	Each
450E4505	24" RCP Arch Flared End, Install	1	Each
450E9000	Reset Pipe	8	Ft
450E9001	Reset Pipe End Section	1	Each
462E0100	Class M6 Concrete	4.0	CuYd
600E0200	Type II Field Laboratory	1	Each
650E1090	Type F69 Concrete Curb and Gutter	1,343	Ft
670E1010	2' x 3' Type B Drop Inlet	1	Each
670E3300	Type E Frame and Grate	1	Each
700E0310	Class C Riprap	10.0	Ton
831E0110	Type B Drainage Fabric	7	SqYd
900E1080	Orange Plastic Safety Fence	1,085	Ft

SECTION C – TRAFFIC CONTROL

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0010	Flagging	200.0	Hour
634E0110	Traffic Control Signs	307.2	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	6	Each
634E0310	Temporary Flexible Vertical Markers (Tabs)	3,180	Ft
634E0420	Type C Advance Warning Arrow Board	2	Each
634E1215	Contractor Furnished Portable Changeable Message Sign	2	Each

SECTION D – EROSION AND SEDIMENT CONTROL

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1693	Remove Erosion Control Wattle	500	Ft
110E1700	Remove Silt Fence	15	Ft
730E0210	Type F Permanent Seed Mixture	20	Lb
731E0100	Fertilizing	1,157	Lb
732E0250	Fiber Mulching	1,543	Lb
734E0154	12" Diameter Erosion Control Wattle	500	Ft
734E0604	High Flow Silt Fence	82	Ft
734E0610	Mucking Silt Fence	17	CuYd
734E0620	Repair Silt Fence	15	Ft
734E0845	Sediment Control at Inlet with Frame and Grate	1	Each
734E5010	Sweeping	40	Hour
900E1310	Concrete Washout Facility	1	Each

SECTION F – SURFACING

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3320	Checker	Lump Sum	LS
260E2010	Gravel Cushion	1,147.3	Ton
380E0070	9" Nonreinforced PCC Pavement	4,254.9	SqYd
380E6000	Dowel Bar	1,770	Each
380E6110	Insert Steel Bar in PCC Pavement	863	Each

SECTION L – SIGNAL AND LIGHTING

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1540	Remove Luminaire Pole Footing	5	Each
635E0150	Breakaway Base Luminaire Pole with Twin Arms, 50' Mounting Height	1	Each
635E2000	Pedestal Signal Pole	2	Each
635E2140	Signal Pole with 40' Mast Arm and Luminaire Arm	1	Each
635E2145	Signal Pole with 45' Mast Arm and Luminaire Arm	1	Each
635E2155	Signal Pole with 55' Mast Arm and Luminaire Arm	1	Each
635E3700	Roadway Luminaire, LED with Photoelectric Cell	16	Each
635E4010	1 Section Vehicle Signal Head	4	Each
635E4030	3 Section Vehicle Signal Head	10	Each
635E4040	4 Section Vehicle Signal Head	2	Each
635E4080	3 Section Directional Vehicle Signal Head	2	Each
635E5020	2' Diameter Footing	60.0	Ft
635E5030	3' Diameter Footing	40.0	Ft
635E5301	Type 1 Electrical Junction Box	6	Each
635E5302	Type 2 Electrical Junction Box	4	Each
635E5313	Type 3A Electrical Junction box	1	Each
635E5405	Electrical Service Cabinet with Secondary Disconnect	1	Each
635E5430	Traffic Signal Controller	1	Each
635E5515	Battery Backup System for Traffic Signal	1	Each
635E5520	Video Detection System	1	Each
635E5560	Emergency Vehicle Preemption Unit	1	Each
635E5570	Optical Detector	3	Each
635E7500	Remove and Reset Luminaire Pole	5	Each
635E8120	2" Rigid Conduit, Schedule 40	1,730	Ft
635E8130	3" Rigid Conduit, Schedule 40	185	Ft
635E8220	2" Rigid Conduit, Schedule 80	260	Ft
635E8230	3" Rigid Conduit, Schedule 80	505	Ft
635E9011	1/C #1 AWG Copper Wire	2,125	Ft
635E9016	1/C #6 AWG Copper Wire	2,305	Ft
635E9018	1/C #8 AWG Copper Wire	3,115	Ft
635E9020	1/C #10 AWG Copper Wire	165	Ft
635E9504	4/C #14 AWG Copper Tray Cable, K2	1,610	Ft
635E9505	5/C #14 AWG Copper Tray Cable, K2	445	Ft
635E9515	15/C #14 AWG Copper Tray Cable, K2	615	Ft
635E9519	19/C #14 AWG Copper Tray Cable, K2	40	Ft
635E9600	#16 AWG Copper Twisted Shielded Pair	3,350	Ft
635E9710	2/C #10 AWG Copper Pole and Bracket Cable	1,120	Ft

SECTION M – PAVEMENT MARKING

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E0210	Preformed Thermoplastic Pavement Marking, 4"	5,320	Ft
633E0215	Preformed Thermoplastic Pavement Marking, 8"	1,580	Ft
633E0225	Preformed Thermoplastic Pavement Marking, 24"	260	Ft
633E0230	Preformed Thermoplastic Pavement Marking, Area	40	SqFt
633E0235	Preformed Thermoplastic Pavement Marking, Arrow	9	Each
633E0240	Preformed Thermoplastic Pavement Marking, Combination Arrow	1	Each
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	2,500	Ft
633E5005	Grooving for Cold Applied Plastic Pavement Marking, 8"	1,580	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	260	Ft
633E5020	Grooving for Cold Applied Plastic Pavement Marking, Area	40	SqFt
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	8	Each
633E5030	Grooving for Cold Applied Plastic Pavement Marking, Combination Arrow	1	Each
633E5050	Surface Preparation for Pavement Marking	2,820	Ft
633E5052	Surface Preparation for Pavement Marking	1	Each
634E0560	Remove Pavement Marking, 4" or Equivalent	50	Ft
634E0575	Remove Pavement Marking, Area	30.0	SqFt

SECTION S – PERMANENT SIGNING

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0130	Remove Traffic Sign	20	Each
110E0135	Remove Delineator	31	Each
110E7150	Remove Sign for Reset	1	Each
632E1340	2.5"x2.5" Perforated Tube Post	433.6	Ft
632E2008	4" Tubular Amber Delineator with 1.12 Lb/Ft Post	8	Each
632E2020	4"x4" White Delineator with 1.12 Lb/Ft Post	3	Each
632E2028	4" Tubular White Delineator with 1.12 Lb/Ft Post	20	Each
632E2510	Type 2 Object Marker Back to Back	3	Each
632E2520	Type 2 Object Marker	5	Each
632E2530	Type 3 Object Marker	1	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	396.2	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	116.9	SqFt
632E3500	Reset Sign	1	Each

ENVIRONMENTAL COMMITMENTS

The SDDOT is committed to protecting the environment and uses Environmental Commitments as a communication tool for the Engineer and Contractor to ensure that attention is given to avoid, minimize, and/or mitigate an environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency with permitting authority can delay a project if identified environmental impacts have not been adequately addressed. Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer. During construction, the Project Engineer will verify that the Contractor has met Environmental Commitment requirements. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office.

Additional guidance on SDDOT's Environmental Commitments can be accessed through the Environmental Procedures Manual found at: <https://dot.sd.gov/doing-business/environmental/about-environmental/>

For questions regarding change orders in the field that may have an effect on an Environmental Commitment, the Project Engineer will contact the Environmental Engineer at 605-773-3180 or 605-773-4336 to determine whether an environmental analysis and/or resource agency coordination is necessary.

Once construction is complete, the Project Engineer will review all environmental commitments for the project and document their completion.

COMMITMENT B: FEDERALLY THREATENED, ENDANGERED, AND PROTECTED SPECIES

COMMITMENT B2: WHOOPING CRANE

The Whooping Crane is a spring and fall migratory bird in South Dakota that is about 5 feet tall and typically stops on wetlands, rivers, and agricultural lands along their migration route. An adult Whooping Crane is white with a red crown and a long, dark, pointed bill. Immature Whooping Cranes are cinnamon brown. While in flight, their long necks are kept straight, and their long dark legs trail behind. Adult Whooping Cranes' black wing tips are visible during flight.

Action Taken/Required:

Harassment or other measures to cause the Whooping Crane to leave the site is a violation of the Endangered Species Act. If a Whooping Crane is sighted roosting in the vicinity of the project, borrow pits, or staging areas associated with the project, cease construction activities in the affected area until the Whooping Crane departs and immediately contact the Project Engineer. The Project Engineer will contact the Environmental Office so that the sighting can be reported to USFWS.

COMMITMENT C: WATER SOURCE

If a Contractor needs access to state waters for extraction, the Contractor must obtain a water right, through the application of a Temporary Permit to Use Public Waters before work begins.

The Contractor will not withdraw water with equipment previously used outside the State of South Dakota or previously used in aquatic invasive species (AIS) positive waters within South Dakota without prior approval from the SDDOT Environmental Office. To prevent and control the introduction and spread of invasive species into the project vicinity, all equipment will be power washed with hot water (≥ 140 °F) and completely dried for a minimum of 7 days prior to subsequent use. South Dakota administrative rule 41:10:04:02 forbids the possession and transport of AIS; therefore, all attached dirt, mud, debris and vegetation must be removed and all compartments and tanks capable of holding standing water must be drained. This includes, but is not limited to, all equipment, pumps, lines, hoses and holding tanks.

Action Taken/Required:

The Contractor will obtain the necessary permits from the regulatory agencies such as the South Dakota Department of Agriculture and Natural Resources (SDDANR) and the United States Army Corps of Engineers (USACE) prior to water extraction activities.

Temporary permit to use public waters for highway construction purposes application can be found on the SDDANR website: <https://danr.sd.gov/OfficeOfWater/WaterRights/PermitForms/default.aspx>

Additional information and mapping of water sources impacted by Aquatic Invasive Species in South Dakota can be accessed at: <https://sdeastwanted.sd.gov/maps/default.aspx>

South Dakota Administrative Rule 41:10:04 Aquatic Invasive Species: <https://sdslegislature.gov/rules/DisplayRule.aspx?Rule=41:10:04>

COMMITMENT D: WATER QUALITY STANDARDS

COMMITMENT D1: SURFACE WATER QUALITY

Spearfish Creek is classified as a coldwater permanent fishery with a total suspended solids standard of less than 30 mg/L 30-day average, less than 53 mg/L daily maximum.

This project may be in the vicinity of multiple streams and wetlands. These waters are considered waters of the state and are protected under Administrative Rules of South Dakota (ARSD) Chapter 74:51. Special construction measures may have to be taken to ensure that this water body is not impacted.

Action Taken/Required:

The Contractor is advised that the South Dakota Surface Water Quality Standards, administered by the South Dakota Department of Agriculture and Natural Resources (DANR), apply to this project. Special construction measures will be taken to ensure the above standard(s) of the surface waters are maintained and protected.

COMMITMENT D2: SURFACE WATER DISCHARGE

The DANR General Permit for Temporary Discharge Activities is required for temporary dewatering and discharges to waters of the state. The effluent limit for total suspended solids will be 90 mg/L 30-day average. The effluent limit applies to discharges to all waters of the state except discharges to waters classified as coldwater permanent fish life propagation waters according to the ARSD 74:51:01:45. For discharges to waters of the state classified as coldwater permanent fish life propagation waters, the effluent limit for total suspended solids will be 53 mg/L daily maximum.

The permittee has the option of completing effluent testing or implementing a pollution prevention plan for compliance with this permit. If the permittee develops a pollution prevention plan instead of total suspended solids sampling, the plan must be developed and implemented prior to discontinuing total suspended solids sampling. Refer to Section 4.0 of the permit. If any pollutants are suspected of being discharged, a sample must be taken for those parameters listed in Section 3.4 of the permit.

Refer to Commitment D1: Surface Water Quality for stream classification.

Action Taken/Required:

If construction dewatering is required and this project is not required to be covered under a General Permit for Stormwater Discharges Associated with Construction Activities, the Contractor will obtain the General Permit for Temporary Discharge Activities from the DANR Water Quality Program, 605-773-3351.

<
https://danr.sd.gov/OfficeOfWater/SurfaceWaterQuality/docs/DANR_TemporaryDischargeNOI2018Fillable.pdf >

If construction dewatering is required and this project is currently covered under a General Permit for Stormwater Discharges Associated with Construction Activities, the contractor will need to submit the dewatering information to the Project Engineer using the following SDDOT Dewatering Info CDX form:

<<https://dot.sd.gov/doing-business/environmental/forms/>>

The Contractor will provide a copy of the approved permit or the submitted dewatering information to the Project Engineer prior to proceeding with any dewatering activities. The approved permit or submitted dewatering information must be kept on-site and as part of the project records.

Effluent monitoring, as a result of dewatering activities, will be summarized for each month and recorded on a separate Discharge Monitoring Report (DMR) and submitted to DANR monthly. Additional information can be found at:

<
<https://danr.sd.gov/OfficeOfWater/SurfaceWaterQuality/swdpermitting/Ereporting.aspx> >

COMMITMENT E: STORM WATER

Construction activities constitute 1 acre or more of earth disturbance and/or work in a waterway.

Action Taken/Required:

The DANR General Permit for Stormwater Discharges Associated with Construction Activities is required for construction activity disturbing one or more acres of earth and work in a waterway. The SDDOT is the owner of this permit and will submit the NOI to DANR 15 days prior to project start in order to obtain coverage under the General Permit. Work can begin once the DANR letter of approval is received.

The Contractor must adhere to the “Special Provision Regarding Storm Water Discharges to Waters of the State.”

The Contractor will complete the DANR Contractor Authorization Form prior to the pre-construction meeting. The form certifies under penalty of law that the Contractor understands and will comply with the terms and conditions of the permit for this project. Work may not begin on this project until this form is signed and submitted to DANR.

The form can be found at:

<
https://danr.sd.gov/OfficeOfWater/SurfaceWaterQuality/docs/DANR_CGPAPpendixCCA2023Fillable.pdf >

The Contractor is advised that permit coverage may also be required for off-site activities, such as borrow and staging areas, which are the responsibility of the Contractor.

Storm Water Pollution Prevention Plan

The Storm Water Pollution Prevention Plan (SWPPP) will be developed prior to the submittal of the NOI and will be implemented for all construction activities for compliance with the permit. The SWPPP must be kept on-site and updated as site conditions change. Erosion control measures and best management practices will be implemented in accordance with the SWPPP.

The DOT 298 Form will be used for site inspections and to document changes to the SWPPP. A copy of the completed inspection form will be filed with the SWPPP documents and retained for a minimum of three years.

The inspection will include disturbed areas of the construction site that have not been finally stabilized, areas used for storage materials, structural control measures, and locations where vehicles enter or exit the site. These areas will be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the SWPPP will be observed to ensure that they are operating correctly, and sediment is not tracked off the site.

Information on storm water permits and SWPPPs are available on the following websites:

SDDOT: < <https://dot.sd.gov/doing-business/environmental/stormwater> >

DANR:<
<https://danr.sd.gov/OfficeOfWater/SurfaceWaterQuality/stormwater/default.aspx> >

EPA: < <https://www.epa.gov/npdes> >

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor will furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the Public ROW.

The waste disposal site(s) will be managed and reclaimed in accordance with the following from the General Permit for Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Agriculture and Natural Resources.

The waste disposal site(s) will not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Environmental Office and the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements will apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials will be buried in a trench separate from wood debris. The final cover over the construction and/or demolition debris will consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the Public ROW will be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor will control the access to waste disposal sites not within the Public ROW with fences, gates, and placement of a sign or signs at the entrance to the site stating, “No Dumping Allowed”.
2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period not to exceed the duration of the project. Prior to project completion, the waste will be removed from view of the ROW or buried, and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.

Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) will be incidental to the various contract items.

COMMITMENT I: HISTORIC PRESERVATION OFFICE CLEARANCES

The SDDOT has obtained concurrence with the State Historic Preservation Office (SHPO or THPO) for all work included within the project limits and all department designated sources and designated option material sources, stockpile sites, storage areas, and waste sites provided within the plans.

Action Taken/Required:

All earth disturbing activities not designated within the plans require a cultural resource review prior to scheduling the pre-construction meeting. This work includes but is not limited to: Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas.

The Contractor will arrange and pay for a record search and when necessary, a cultural resource survey. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review if the site was previously surveyed; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor will provide ARC with the following: a topographical map or aerial view in which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor will submit the cultural resources survey report to SDDOT Environmental Office, 700 East Broadway Avenue, Pierre, SD 57501-2586. SDDOT will submit the information to the appropriate SHPO/THPO. Allow **30 Days** from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

In the event of an inadvertent discovery of human remains, funerary objects, or if evidence of cultural resources is identified during project construction activities, then such activities within 150 feet of the inadvertent discovery will immediately cease and the Project Engineer will be immediately notified. The Project Engineer will contact the SDDOT Environmental Office, who will contact the appropriate SHPO/THPO within 48 hours of the discovery to determine an appropriate course of action.

SHPO review does not relieve the Contractor of the responsibility for obtaining any additional permits and clearances for Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas that affect wetlands, threatened and endangered species, or waterways. The Contractor will not utilize a site known or suspected of having contaminated soil or water. The Contractor will provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

COMMITMENT Q: ARCHAEOLOGICAL COORDINATION

As a result of a Cultural Resources Survey, properties have been identified within and/or adjacent to the project rights-of-way.

The following properties have been identified that require avoidance of construction activities:

Table of Historic Properties

Station	Offset (Ft.)	L/R	Environmental Sensitive Site	Action
14+50 – 24+00	300' – 50'	R	ESS 1	Avoid – Orange Safety Fence

The locations and boundaries of the site(s) for avoidance are shown in the plans.

All costs associated with furnishing and installing the orange safety fence will be incidental to the contract unit price per foot for “Orange Plastic Safety Fence”.

Action Taken/Required:

If evidence for cultural resources is uncovered during project construction activities, then such activities within 150 feet of the inadvertent discovery will immediately cease and the Project Engineer will be immediately notified. The Project Engineer will contact the SDDOT Environmental Office, who will consult with the Archaeological Research Center (ARC), the SHPO, and FHWA to determine the appropriate course of action.

All artifacts, features, or other items of interest uncovered by project construction activities will not be displaced unless the landowner and the SHPO consent to it.

Prior to the pre-construction meeting, the Contractor will contact the ARC (Phone: 605-394-1936) to coordinate the installation schedule of orange plastic safety fence around the perimeter of the sensitive site(s) listed in the Table of Historic/Archeological Sites to ensure proper location, quality, and visibility of the orange safety fence. The exact location of the safety fence will be determined later in the field by the ARC representative.

The Contractor will give written notice to the Engineer seven (7) days prior to the commencement of earth disturbing activities near listed sites identified in the Table of Historic/Archeological Site so the Engineer may notify ARC of the day work will start and schedule the installation of orange safety fence. ARC is to be present during earth disturbing activities to monitor the removal of topsoil, ensure avoidance of the fenced sites, and identify any culturally sensitive sites that may be uncovered.

Work within the vicinity of the site(s) will not begin until the safety fence is installed. All costs associated with furnishing and installing the orange safety fence will be incidental to the contract unit price per foot for “Orange Plastic Safety Fence”. These identified sites cannot be used for material sources, storage areas, waste sites, and/or any other project related activities outside the plan work limits.

COMMITMENT S: FIRE PREVENTION IN THE BLACK HILLS AREA

This project is located within the Black Hills Forest Fire Protection Boundary.

Action Taken/Required:

The Contractor will adhere to the “Special Provision for Fire Plan”.