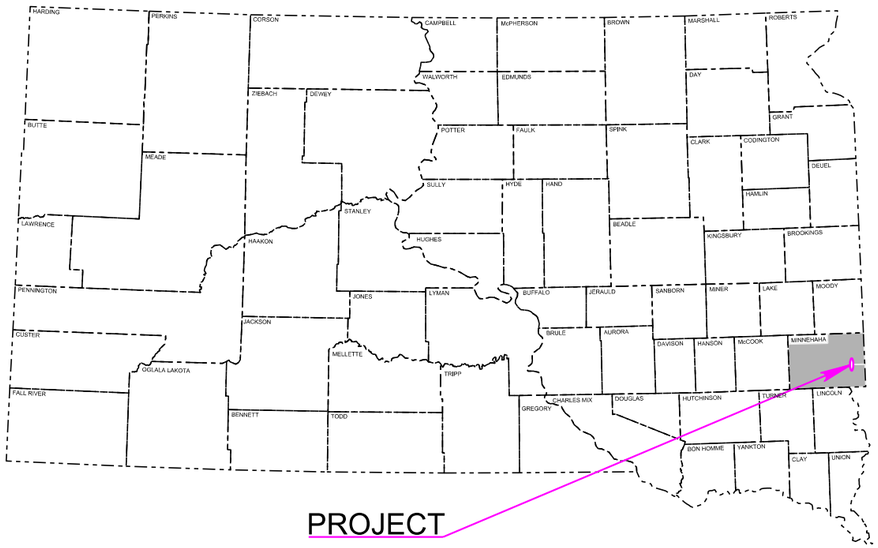


STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

PROJECT P-PT 0011(145)83
SD HIGHWAY 11
MINNEHAHA COUNTY

GRADING, STRUCTURES, ASPHALT CONCRETE SURFACING,
GUARDRAIL, PAVEMENT MARKING, & PERMANENT SIGNING

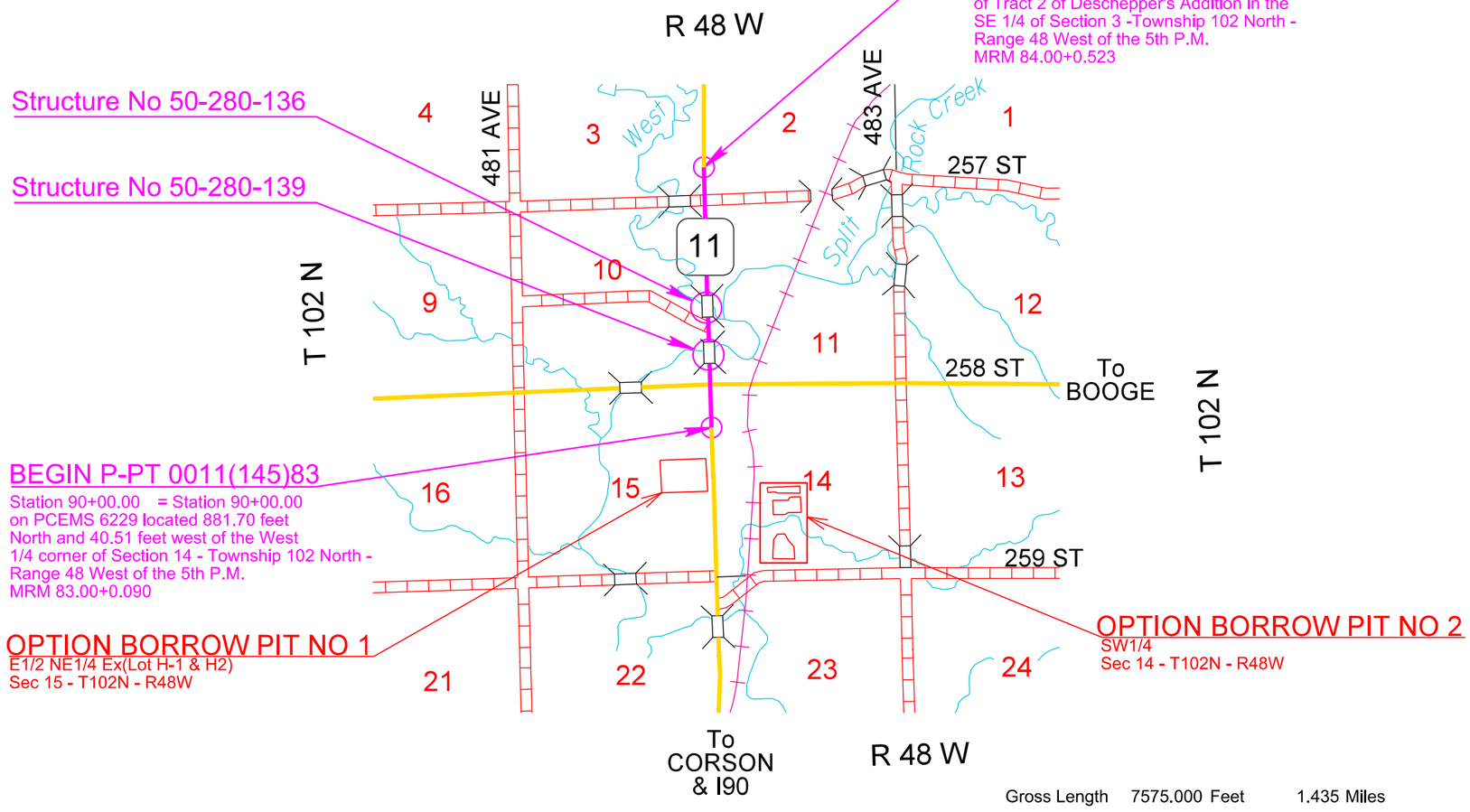
PCN 05V6

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0011(145)83	1	251

Plotting Date: 07/14/2025

INDEX OF SECTIONS

END P-PT 0011(145)83
Station 165+75.00 = Station 165+75.00
on PCEMS 6229 located 577.08 feet South
and 648.35 feet east of the Northeast corner
of Tract 2 of Deschepper's Addition in the
SE 1/4 of Section 3 -Township 102 North -
Range 48 West of the 5th P.M.
MRM 84.00+0.523



BEGIN P-PT 0011(145)83
Station 90+00.00 = Station 90+00.00
on PCEMS 6229 located 881.70 feet
North and 40.51 feet west of the West
1/4 corner of Section 14 - Township 102 North -
Range 48 West of the 5th P.M.
MRM 83.00+0.090

OPTION BORROW PIT NO 1
E1/2 NE1/4 Ex(Lot H-1 & H2)
Sec 15 - T102N - R48W

OPTION BORROW PIT NO 2
SW1/4
Sec 14 - T102N - R48W

DESIGN DESIGNATION

AADT (2023)	3797
AADT (2043)	5882
DHV	747
D	51.0 %
DHV T%	4.6 %
AADT T%	10.2 %
V	65 mph

STORM WATER PERMIT

Major Receiving Body of Water:	Split Rock Creek
Area Disturbed:	35 Acres
Total Project Area:	61 Acres
Approx. Begin Lat,Long:	43.6418, -96.5718

Gross Length	7575.000 Feet	1.435 Miles
Length of Exceptions	0.000 Feet	0.000 Miles
Net Length	7575.000 Feet	1.435 Miles

1

December 10, 2025

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0011(145)83	A1	A5

Plotting Date: 10/31/2025

Revised MMM 10-31-2025

Section B – Grading

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3220	Reestablish Right-of-Way and Property Corner	66	Each
009E3225	Reestablish Public Land Survey System Corner	5	Each
009E3230	Grade Staking	2.272	Mile
009E3245	Final Cross Section Survey	2.097	Mile
009E3250	Miscellaneous Staking	2.097	Mile
009E3280	Slope Staking	2.097	Mile
009E3290	Structure Staking	2	Each
009E3301	Engineer Directed Surveying/Staking	40.0	Hour
009E4200	Construction Schedule, Category II	Lump Sum	LS
100E0100	Clearing	Lump Sum	LS
110E0600	Remove Fence	17,697	Ft
110E0730	Remove Beam Guardrail	1,332.0	Ft
110E1010	Remove Asphalt Concrete Pavement	5,202.0	SqYd
120E0010	Unclassified Excavation	108,851	CuYd
120E0500	Option Borrow Excavation	522,313	CuYd
120E2000	Undercutting	5,440	CuYd
120E6100	Water for Embankment	5,569.4	MGal
250E0020	Incidental Work, Grading	Lump Sum	LS
270E0110	Salvage and Stockpile Granular Material	23,865.3	Ton
450E0122	18" RCP Class 2, Furnish	72	Ft
450E0130	18" RCP, Install	72	Ft
450E2008	18" RCP Flared End, Furnish	4	Each
450E2009	18" RCP Flared End, Install	4	Each
450E4759	18" CMP 16 Gauge, Furnish	1,408	Ft
450E4760	18" CMP, Install	1,408	Ft
450E4769	24" CMP 16 Gauge, Furnish	276	Ft
450E4770	24" CMP, Install	276	Ft
450E4778	30" CMP 14 Gauge, Furnish	346	Ft
450E4779	30" CMP 16 Gauge, Furnish	302	Ft
450E4780	30" CMP, Install	648	Ft
450E4789	36" CMP 16 Gauge, Furnish	158	Ft
450E4790	36" CMP, Install	158	Ft
450E5406	18" CMP Safety End, Furnish	20	Each
450E5407	18" CMP Safety End, Install	20	Each
450E5410	24" CMP Safety End, Furnish	4	Each
450E5411	24" CMP Safety End, Install	4	Each
450E5414	30" CMP Safety End, Furnish	8	Each
450E5417	30" CMP Safety End, Install	8	Each
450E5420	36" CMP Safety End, Furnish	4	Each
450E5423	36" CMP Safety End, Install	4	Each
462E0100	Class M6 Concrete	5.6	CuYd
480E0100	Reinforcing Steel	800	Lb

Section B – Grading, Continued

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
600E0300	Type III Field Laboratory	1	Each
620E0020	Type 2 Right-of-Way Fence	640	Ft
620E0030	Type 3 Right-of-Way Fence	16,544	Ft
620E0510	Type 1 Temporary Fence	14,100	Ft
620E1020	2 Post Panel	84	Each
620E1030	3 Post Panel	21	Each
630E0500	Type 1 MGS	400.0	Ft
630E1500	Type 1 Guardrail Transition	8	Each
630E2017	MGS MASH Flared End Terminal	8	Each
670E0200	Type A Frame and Grate	4	Each
670E5400	Precast Drop Inlet Collar	4	Each
700E0210	Class B Riprap	659.3	Ton
720E1010	PVC Coated Bank and Channel Protection Gabion	15.0	CuYd
734E0900	Temporary Diversion Channel for Fish Passage	2	Each
831E0110	Type B Drainage Fabric	1,037	SqYd
900E0010	Refurbish Single Mailbox	4	Each

Section C – Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0010	Flagging	300.0	Hour
634E0110	Traffic Control Signs	290.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	16	Each
634E0630	Temporary Pavement Marking	23.0	Mile
634E0700	Traffic Control Movable Concrete Barrier	82	Each
634E0750	Temporary Concrete Barrier End Protection	8	Each
634E0760	Temporary Concrete Barrier End Protection Module Set or Repair Kit	1	Each
634E1002	Detour and Restriction Signing	1,024.0	SqFt
634E1215	Contractor Furnished Portable Changeable Message Sign	5	Each

INDEX OF SHEETS

Section D – Erosion and Sediment Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1690	Remove Sediment	2.3	CuYd
110E1693	Remove Erosion Control Wattle	250	Ft
110E1700	Remove Silt Fence	2,254	Ft
230E0010	Placing Topsoil	42,736	CuYd
730E0100	Cover Crop Seeding	60.0	Bu
730E0202	Type B Permanent Seed Mixture	460	Lb
731E0200	Fertilizing	12.80	Ton
732E0100	Mulching	115.2	Ton
734E0103	Type 3 Erosion Control Blanket	31,912	SqYd
734E0154	12" Diameter Erosion Control Wattle	1,000	Ft
734E0165	Remove and Reset Erosion Control Wattle	250	Ft
734E0325	Surface Roughening	6.4	Acre
734E0602	Low Flow Silt Fence	8,375	Ft
734E0604	High Flow Silt Fence	642	Ft
734E0610	Mucking Silt Fence	626	CuYd
734E0620	Repair Silt Fence	2,254	Ft
734E0630	Floating Silt Curtain	1,150	Ft
900E1320	Construction Entrance	2	Each

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0011(145)83	A2	A5

Plotting Date: 08/27/2025 Revised: 08-27-2025 MMM

Section E – Structure
Structure No. 50-280-139

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3310	Bridge Elevation Survey	Lump Sum	LS
009E5000	Concrete Penetrating Sealer	1,513.0	SqYd
120E7000	Select Granular Backfill	27.0	Ton
250E0030	Incidental Work, Structure	Lump Sum	LS
410E0020	Structural Steel	Lump Sum	LS
410E2600	Membrane Sealant Expansion Joint	83.8	Ft
411E0100	Bridge Painting	Lump Sum	LS
420E0100	Structure Excavation, Bridge	488	CuYd
430E0200	Bridge End Embankment	1,482	CuYd
430E0300	Granular Bridge End Backfill	101.1	CuYd
430E0510	Approach Slab Underdrain Excavation	8.0	CuYd
430E0700	Precast Concrete Headwall for Drain	4	Each
460E0030	Class A45 Concrete, Bridge Deck	463.4	CuYd
460E0050	Class A45 Concrete, Bridge	288.3	CuYd
460E0150	Concrete Approach Slab for Bridge	190.6	SqYd
460E0160	Concrete Approach Sleeper Slab for Bridge	41.9	SqYd
460E0500	Deck Drain, Girder Bridge	2	Each
480E0100	Reinforcing Steel	43,610	Lb
480E0200	Epoxy Coated Reinforcing Steel	2,888	Lb
480E0300	Stainless Reinforcing Steel	102,866	Lb
510E0300	Preboring Pile	120	Ft
510E3130	HP 12 Pile Tip Reinforcement	84	Each
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	165	Ft
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	2,475	Ft
680E0040	4" Underdrain Pipe	155	Ft
680E2500	Porous Backfill	15.0	Ton
700E0210	Class B Riprap	5,593.5	Ton
700E1100	Overburden Excavation for Riprap	3,190	CuYd
831E0110	Type B Drainage Fabric	6,446	SqYd
831E1030	Perforated Geocell	936	SqFt

Section E – Structure
Structure No. 50-280-136

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3310	Bridge Elevation Survey	Lump Sum	LS
009E5000	Concrete Penetrating Sealer	823.0	SqYd
120E7000	Select Granular Backfill	25.4	Ton
250E0030	Incidental Work, Structure	Lump Sum	LS
410E0020	Structural Steel	Lump Sum	LS
410E2600	Membrane Sealant Expansion Joint	83.8	Ft
411E0100	Bridge Painting	Lump Sum	LS
420E0100	Structure Excavation, Bridge	601	CuYd
430E0200	Bridge End Embankment	840	CuYd
430E0300	Granular Bridge End Backfill	84.9	CuYd
430E0510	Approach Slab Underdrain Excavation	8.0	CuYd
430E0700	Precast Concrete Headwall for Drain	4	Each
460E0030	Class A45 Concrete, Bridge Deck	253.3	CuYd
460E0050	Class A45 Concrete, Bridge	233.6	CuYd
460E0150	Concrete Approach Slab for Bridge	190.6	SqYd
460E0160	Concrete Approach Sleeper Slab for Bridge	41.9	SqYd
460E0382	Install Dowel in Rock	52.5	Ft
480E0100	Reinforcing Steel	37,461	Lb
480E0200	Epoxy Coated Reinforcing Steel	2,722	Lb
480E0300	Stainless Reinforcing Steel	63,287	Lb
510E0300	Preboring Pile	140	Ft
510E3130	HP 12 Pile Tip Reinforcement	14	Each
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	90	Ft
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	540	Ft
680E0040	4" Underdrain Pipe	155	Ft
680E2500	Porous Backfill	15.0	Ton
700E0210	Class B Riprap	5,202.6	Ton
700E1100	Overburden Excavation for Riprap	4,058	CuYd
831E0110	Type B Drainage Fabric	5,922	SqYd
831E1030	Perforated Geocell	880	SqFt

Section F – Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3320	Checker	Lump Sum	LS
120E6200	Water for Granular Material	567.8	MGal
260E1010	Base Course	23,453.0	Ton
260E1030	Base Course, Salvaged	23,865.3	Ton
320E0032	PG 58H-34 Asphalt Binder	792.8	Ton
320E1060	Class G Asphalt Concrete	13,768.4	Ton
320E4000	Hydrated Lime	137.0	Ton
320E7008	Grind 8" Rumble Strip or Stripe in Asphalt Concrete	0.8	Mile
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	2.8	Mile
320E7028	Grind Centerline Rumble Stripe in Asphalt Concrete	1.3	Mile
320E7030	Grind Sinusoidal Centerline Rumble Stripe in Asphalt Concrete	0.4	Mile
330E0010	MC-70 Asphalt for Prime	64.8	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	29.3	Ton
330E1000	Blotting Sand for Prime	134.5	Ton
900E1980	Storage Unit	1	Each

Section M – Pavement Marking

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E1200	High Build Waterborne Pavement Marking Paint, White	71	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	56	Gal

Section S - Permanent Signing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0130	Remove Traffic Sign	8	Each
110E7150	Remove Sign for Reset	12	Each
110E7152	Remove Delineator for Reset	30	Each
632E1320	2.0"x2.0" Perforated Tube Post	222.3	Ft
632E1340	2.5"x2.5" Perforated Tube Post	27.0	Ft
632E2100	Reset Delineator	30	Each
632E2220	Guardrail Delineator	30	Each
632E2520	Type 2 Object Marker	4	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	24.0	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	32.4	SqFt
632E3500	Reset Sign	12	Each

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 10-1-25 Version, Required Provisions, and Special Provisions as included in the Proposal. The Standard Specifications for Roads and Bridges are available for download and viewing at https://dot.sd.gov/doing-business/contractors/standard-specifications.

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0011(145)83	A3	A5

Plotting Date: 07/16/2025 Revised: 7-16-2025 MMM

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/media/documents/EnvironmentalProceduresManual.pdf >

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 A2: STREAMS

All efforts to avoid and minimize stream impacts from the project have resulted in approximately 1.325 acres of stream (includes temporary and permanent) becoming impacted. Refer to Section B – Grading Plans for location and boundaries of the impacted streams.

Table of Impacted Streams

Stream Name	Station	Perm. Impact Left (Acres)	Perm. Impact Right (Acres)	Temp. Impact Left (Acres)	Temp. Impact Right (Acres)	Total Impact (Acres)
West Pipestone Creek	128+42.67-130+28.67	0.028	0.002	0.132	0.131	0.293
Split Rock Creek	115+02 - 118+15	0.086	0.063	0.442	0.441	1.032

Action Taken/Required:

It has been determined that project impacts do not require mitigation. Temporary impacts identified in the Table of Impacted Streams will not be mitigated as the finished ground under the bridge will be shaped to match the upstream channel and flood plain and the existing low water channel will be maintained as near as practical to the existing location as designated in Section B – Grading Plans.

The Contractor will complete excavation after temporary diversion is in place, if required, with minimal standing water to create the profile of slope protection specified in plans. Once the instream work is completed, the removed material will be placed on top of the riprap to match the natural ground, proposed groundline, or specified shape and elevations shown in plans. When overburden extends into the streambed it will form the channel bottom and profile as specified in plans. The finished ground under the bridge will be shaped to match the upstream and downstream channel and flood plain.

The Contractor will notify the Project Engineer if additional easement is needed to complete work adjacent to any stream. The Project Engineer will obtain an appropriate course of action from the Environmental Office before proceeding with construction activities that affect any streams beyond the work limits and easements shown in the plans.

COMMITMENT B: FEDERALLY THREATENED, ENDANGERED, AND PROTECTED SPECIES

COMMITMENT B1: CONSTRUCTION PRACTICES FOR STREAMS INHABITED BY THE TOPEKA SHINER

The SDDOT Environmental Office has identified the following as Topeka Shiner streams.

Table of Topeka Shiner Streams

Station	Stream Name	Ordinary High-Water Elevation
128+42.67-130+28.67	West Pipestone Creek	1327.3
115+02 - 118+15	Split Rock Creek	1328.3

Action Taken/Required:

The Contractor will adhere to the "Special Provision for Construction Practices in Streams Inhabited by the Topeka Shiner".

Stream turbidity will be monitored during all stages of the project. Turbidity measurements are to be taken in conjunction with normal storm water inspections but can also be taken at the Project Engineer's discretion during construction activities that may result in increased turbidity (e.g., placing riprap or installing a coffer dam).

Prior to the pre-construction meeting the Contractor will produce and provide the SDDOT Environmental Office a comprehensive Construction Plan that includes all products, materials, and methods of installation and removal for temporary water barriers, cofferdams, and diversion channels including de-watering, handling, storage, and disposal of excavated material and pumped effluent throughout all phases of construction, including post-construction stabilization. Work will not proceed on any of the streams identified in the Table of Topeka Shiner Streams without approval of the Construction Plan by the SDDOT Environmental Office. Upon plan approval, the Construction Plan will be amended to the SWPPP.

COMMITMENT C: WATER SOURCE

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.

The Contractor will not withdraw water directly from streams of the James, Big Sioux, and Vermillion watersheds without prior approval from the SDDOT Environmental Office.

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 (DANR) and the United States Army Corps of Engineers (USACE) prior to water extraction activities.

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

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

COMMITMENT D: WATER QUALITY STANDARDS

COMMITMENT D1: SURFACE WATER QUALITY

Split Rock Creek is classified as a warm water semi-permanent fishery with a total suspended solids standard of less than 90 mg/L 30-day average, less than 158 mg/L daily maximum.

West Pipestone Creek is classified as a warm water marginal fishery with a total suspended solids standard of less than 150 mg/L 30-day average, less than 263 mg/L daily maximum.

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.

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0011(145)83	A4	A5

Plotting Date: 07/16/2025 Revised: 7-16-2025 MMM

COMMITMENT D2: SURFACE WATER DISCHARGE

The DANR General Permit for Temporary Discharge 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 cold-water permanent fish life propagation waters according to the ARSD 74:51:01:45. For discharges to waters of the state classified as cold water 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 Surface Water 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 SDDANR using the following form:

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

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 Certification 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_CGPAppendixCCA2018Fillable.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.

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0011(145)83	A5	A5

Plotting Date: 07/16/2025 Revised: 7-16-2025 MMM

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/THPO 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 M: SECTION 4(f)/6(f) RESOURCES

COMMITMENT M1: SECTION 4(f) PROPERTY

Table of Adjacent Section 4(f) Property

Station	Section 4(f) Property
Adjacent to Borrow Pit #2	ESS 1 (Railroad Grade)
164+00 R	ESS 2 (House)

Action Taken/Required:

The following measures are required to minimize harm to the above Section 4(f) property:

The Contractor is not permitted to stage equipment or materials within the boundaries of the properties listed above. The Contractor will notify the Project Engineer if additional easement is needed to complete the work adjacent to any Section 4(f) property. The Project Engineer will obtain an appropriate course of action from the Environmental Office before proceeding with construction activities that affect any Section 4(f) property.

COMMITMENT N: SECTION 404 PERMIT

The SDDOT has obtained a Section 404 Permit from the USACE for the permanent actions associated with this project.

Action Taken/Required:

The Contractor will comply with all requirements contained in the Section 404 Permit.

The Contractor will also be responsible for obtaining a Section 404 Permit for any dredge, excavation, or fill activities associated with material sources, storage areas, waste sites, and Contractor work sites outside the plan work limits that affect wetlands, floodplains, or waters of the United States.