DEPARTMENT OF TRANSPORTATION

Planning & Engineering
Office of Project Development
700 East Broadway Avenue
Pierre, South Dakota 57501-2586
O: 605.773.3275
dot.sd.gov

September 11, 2026

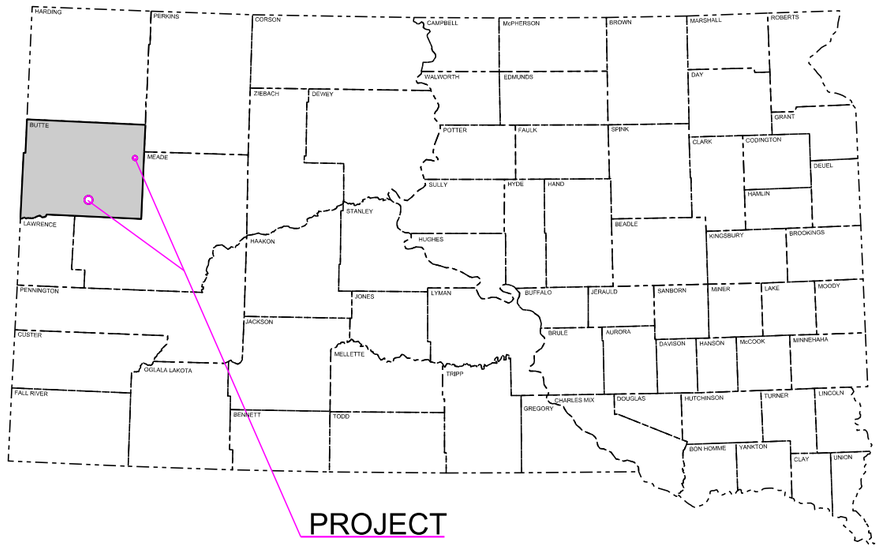
To Whom it May Concern,

Beginning with the 10/7/2026 letting, the SDDOT will be using the new Electronic Standard Specifications for Roads and Bridges, 10-7-26 Version. The Standard Specifications for Roads and Bridges is available for download and viewing at https://dot.sd.gov/doing-business/contractors/standard-specifications . A printed version of the Standard Specifications for Roads and Bridges will not be provided.

A revised Buy America specification is in effect beginning with the 10/7/26 letting, which aligns with the expiration of the Federal Manufactured Products General Waiver. Contractors should be aware that new provisions for manufactured products, along with updates to material classifications, documentation requirements, and compliance procedures, are included in Section 6.9 of the Standard Specifications (10/07/2026 version). All contractors and suppliers are strongly encouraged to review the updated specification in full. Contractors are encouraged to attend the Buy America Informational Webinar being put on by the SDDOT and AGC. Information on the webinar can be found at:
https://dot.sd.gov/doing-business/contractors/webinars/

FHWA has updated the FHWA-1273 commonly known as the “Pink Sheets”. The new FHWA-1273 will be incorporated into all contracts awarded after 10/7/26. Additional information regarding the updated FHWA-1273 can be found at:
https://www.fhwa.dot.gov/construction/cqit/form1273.cfm

Sincerely,
SDDOT – Bid Letting Office



Str No 10-324-337

DESIGN DESIGNATION

AADT (2023)	494
AADT (2043)	709
DHV	113
D	50%
DHV T%	11.4%
AADT T%	25.1%
V	70 mph

STORM WATER PERMIT

Major Receiving
Body of Water: Belle Fourche River
Area Disturbed: 4 Acres
Total Project Area: 8 Acres
Approx. Begin Lat,Long: 44.7223, 103.3987

Str No 10-357-312

DESIGN DESIGNATION

AADT (2023)	494
AADT (2043)	709
DHV	113
D	50%
DHV T%	11.4%
AADT T%	25.1%
V	70 mph

STORM WATER PERMIT

Major Receiving
Body of Water: Belle Fourche River
Area Disturbed: 10 Acres
Total Project Area: 13 Acres
Approx. Begin Lat,Long: 44.7588, 103.3310

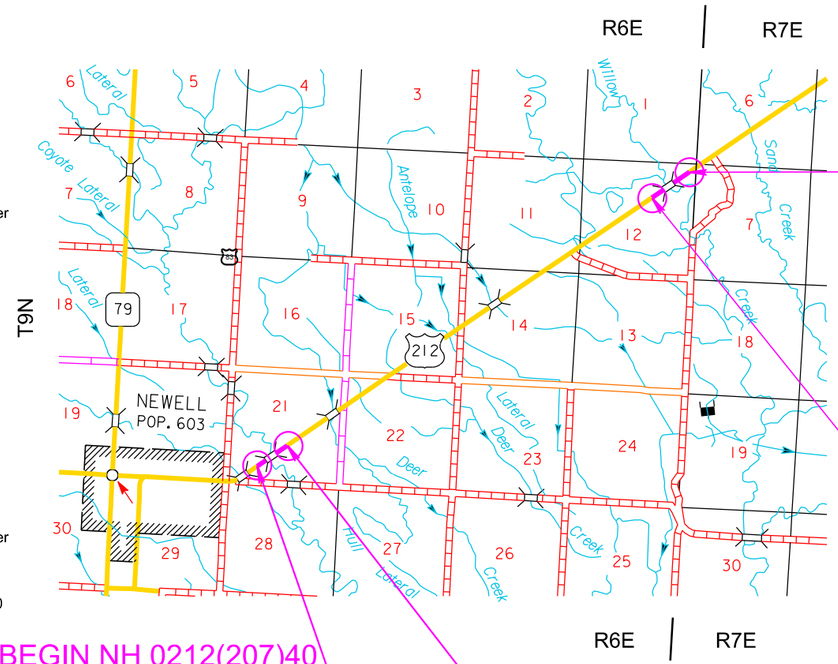
Str No 10-496-208

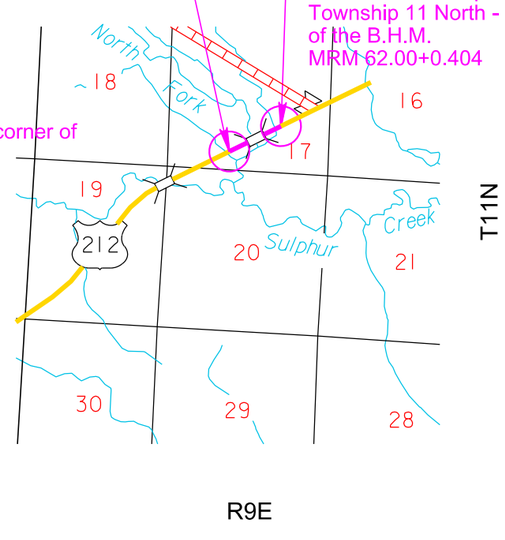
DESIGN DESIGNATION

AADT (2023)	494
AADT (2043)	709
DHV	113
D	50%
DHV T%	11.4%
AADT T%	25.1%
V	70 mph

STORM WATER PERMIT

Major Receiving
Body of Water: Cherry Creek
Area Disturbed: 6 Acres
Total Project Area: 9 Acres
Approx. Begin Lat,Long: 44.9108, 103.0518





STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED

PROJECT NH 0212(207)40
U.S. HIGHWAY 212
BUTTE COUNTY

STRUCTURES, APPROACH GRADING
& AC SURFACING

PCN 06JD

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	1	235

Plotting Date: 08/15/2025

INDEX OF SECTIONS

BEGIN GRADING
Str No 10-496-208
Station b 1210+00.00 = Station 1201+24.87
on project NH 0212(89)39 located
633.76 feet North and 2284.31 feet
East of the Southwest corner of Section 17 -
Township 11 North - Range 9 East of the B.H.M.
MRM 62.00+0.064

END NH 0212(207)40
END GRADING
Str No 10-496-208
Station b 1228+00.00 = Station 1230+00.59
on project NH 0212(89)39 located
910.26 feet South and 1485.83 feet
West of the east quarter corner of Section 17 -
Township 11 North - Range 9 East
of the B.H.M.
MRM 62.00+0.404

END GRADING
Str No 10-357-312
Station a 319+00.00 = Station 315+00.36 on
project NH 0212(89)39 located
120.90 feet South and 60.11 feet East of the Northeast corner of
Section 12 -Township 9 North - Range 6 East
of the B.H.M.
MRM 44.00+1.195

BEGIN GRADING
Str No 10-357-312
Station a 295+00.00 = Station 296+00 on
project NH 0212(89)39 located
1033.50 feet North and 838.75 feet
East of the interior quarter corner of Section 12 -
Township 9 North - Range 6 East
of the B.H.M.
MRM 44.00+0.740

BEGIN NH 0212(207)40
BEGIN GRADING
Str No 10-324-337
Station 72+04.03 = Station 67+38.6 on
project NH 0212(89)39 located
859.29 feet North and 1728.88 feet
East of the Southwest corner of Section 21 -
Township 9 North - Range 6 East
of the B.H.M.
MRM 40.32+0.233

END GRADING
Str No 10-324-337
Station 79+00.00 = Station 98+80.3 on
project NH 0212(89)39 located
1267.72 feet South and 466.75 feet
West of the interior quarter corner of Section 21 -
Township 9 North - Range 6 East of the B.H.M.
MRM 40.32+0.365

Gross Length	4896 Feet	0.927 Miles
Length of Exceptions	0 Feet	0 Miles
Net Length	4896 Feet	0.927 Miles

9

October 21, 2026

Plot Scale - 1:200
Plotted From - TRPR17190
File - U:\rdplr\butte06JD\TitleA.dgn

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	A1	A6

Plotting Date: 09/18/2026 Rev 09/18/2026 RU

Section B - Grading

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
004E0030	Maintenance of Traffic Diversion(s)	Lump Sum	LS
004E0050	Remove Traffic Diversion(s)	Lump Sum	LS
009E0010	Mobilization	Lump Sum	LS
009E3220	Reestablish Right-of-Way and Property Corner	41	Each
009E3230	Grade Staking	2.405	Mile
009E3245	Final Cross Section Survey	2.405	Mile
009E3250	Miscellaneous Staking	2.405	Mile
009E3280	Slope Staking	2.405	Mile
009E3290	Structure Staking	3	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	9,233	Ft
110E0730	Remove Beam Guardrail	2,076.0	Ft
110E1010	Remove Asphalt Concrete Pavement	17,095.9	SqYd
120E0010	Unclassified Excavation	48,147	CuYd
120E0500	Option Borrow Excavation	124,694	CuYd
120E0600	Contractor Furnished Borrow Excavation	11,942	CuYd
120E1000	Muck Excavation	449	CuYd
120E2000	Undercutting	15,153	CuYd
120E6100	Water for Embankment	2,027.0	MGal
250E0020	Incidental Work, Grading	Lump Sum	LS
270E0110	Salvage and Stockpile Granular Material	16,297.6	Ton
430E0700	Precast Concrete Headwall for Drain	4	Each
450E0122	18" RCP Class 2, Furnish	106	Ft
450E0130	18" RCP, Install	106	Ft
450E0242	72" RCP Class 2, Furnish	38	Ft
450E0250	72" RCP, Install	38	Ft
450E0452	72" RCP Bend, Furnish	1	Each
450E0453	72" RCP Bend, Install	1	Each
450E2052	72" RCP Flared End, Furnish	2	Each
450E2053	72" RCP Flared End, Install	2	Each
450E2304	18" RCP Safety End, Furnish	1	Each
450E2307	18" RCP Safety End, Install	1	Each
450E4758	18" CMP 14 Gauge, Furnish	138	Ft
450E4760	18" CMP, Install	138	Ft
450E5010	18" CMP Elbow, Furnish	2	Each
450E5011	18" CMP Elbow, Install	2	Each
450E5211	18" CMP Flared End, Furnish	3	Each
450E5212	18" CMP Flared End, Install	3	Each
450E5406	18" CMP Safety End, Furnish	3	Each
450E5407	18" CMP Safety End, Install	3	Each
450E8009	18" RCP to CMP Transition, Furnish	1	Each

Section B – Grading (Cont.)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
450E8010	18" Pipe Transition, Install	1	Each
455E0010	Cleanout for Culvert Treatment	1	Each
455E1072	72" Pipe Lining	118	Ft
600E0200	Type II Field Laboratory	1	Each
620E0020	Type 2 Right-of-Way Fence	1,692	Ft
620E0030	Type 3 Right-of-Way Fence	7,019	Ft
620E0520	Type 2 Temporary Fence	8,722	Ft
620E1020	2 Post Panel	57	Each
620E1030	3 Post Panel	3	Each
630E0500	Type 1 MGS	256.3	Ft
630E1010	Straight Class A W Beam Guardrail with Wood Posts	50.0	Ft
630E1025	Curved Class A W Beam Guardrail with CRT Posts	25.0	Ft
630E1500	Type 1 Guardrail Transition	7	Each
630E2017	MGS MASH Flared End Terminal	7	Each
630E2035	W Beam Guardrail Special Anchor Assembly	1	Each
670E0200	Type A Frame and Grate	4	Each
670E1010	2' x 3' Type B Drop Inlet	4	Each
670E5400	Precast Drop Inlet Collar	4	Each
680E0204	4" Perforated PVC Drain Pipe with Sleeve	90	Ft
680E0224	4" PVC Outlet Pipe	40	Ft
680E2500	Porous Backfill	26.0	Ton
720E1010	PVC Coated Bank and Channel Protection Gabion	4.5	CuYd
831E0110	Type B Drainage Fabric	731	SqYd
831E0400	Impermeable Plastic Membrane	50	SqYd

Section C - Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
205E0010	Dust Control Chloride	23,920	Lb
634E0010	Flagging	500.0	Hour
634E0110	Traffic Control Signs	1,424.6	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	18	Each
634E0560	Remove Pavement Marking, 4" or Equivalent	1,000	Ft
634E0640	Temporary Pavement Marking	19,000	Ft

INDEX OF SHEETS

Section D - Erosion and Sediment Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1690	Remove Sediment	7.8	CuYd
110E1693	Remove Erosion Control Wattle	850	Ft
110E1695	Remove Sediment Filter Bag	48	Ft
110E1700	Remove Silt Fence	1,357	Ft
230E0010	Placing Topsoil	19,558	CuYd
730E0100	Cover Crop Seeding	15.0	Bu
730E0210	Type F Permanent Seed Mixture	750	Lb
731E0200	Fertilizing	14.40	Ton
732E0100	Mulching	48.1	Ton
732E0300	Bonded Fiber Matrix	8.9	Ton
734E0103	Type 3 Erosion Control Blanket	1,113	SqYd
734E0154	12" Diameter Erosion Control Wattle	3,400	Ft
734E0165	Remove and Reset Erosion Control Wattle	850	Ft
734E0180	Sediment Filter Bag	48	Ft
734E0325	Surface Roughening	8.4	Acre
734E0510	Shaping for Erosion Control Blanket	300	Ft
734E0602	Low Flow Silt Fence	5,275	Ft
734E0604	High Flow Silt Fence	154	Ft
734E0610	Mucking Silt Fence	377	CuYd
734E0620	Repair Silt Fence	1,357	Ft
734E0630	Floating Silt Curtain	1,550	Ft
734E0635	Remove and Reset Floating Silt Curtain	388	Ft
734E0845	Sediment Control at Inlet with Frame and Grate	2	Each
734E5010	Sweeping	20	Hour
900E1320	Construction Entrance	3	Each

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	A2	A6

Plotting Date: 09/09/2026 Rev 09/09/2026 RU

Section E – Structure

Structure No. 10-324-337

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
250E0030	Incidental Work, Structure	Lump Sum	LS
420E0200	Structure Excavation, Box Culvert	219	CuYd
421E0200	Box Culvert Undercut	623	CuYd
460E0120	Class A45 Concrete, Box Culvert	532.8	CuYd
480E0100	Reinforcing Steel	108,514	Lb
700E0210	Class B Riprap	306.3	Ton
831E0110	Type B Drainage Fabric	314	SqYd
831E0300	Reinforcement Fabric (MSE)	909	SqYd

Structure No. 10-357-312

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3310	Bridge Elevation Survey	Lump Sum	LS
120E7000	Select Granular Backfill	24.1	Ton
250E0030	Incidental Work, Structure	Lump Sum	LS
410E0030	Structural Steel, Miscellaneous	Lump Sum	LS
410E2600	Membrane Sealant Expansion Joint	75.8	Ft
420E0100	Structure Excavation, Bridge	2,200	CuYd
430E0200	Bridge End Embankment	1,500	CuYd
430E0300	Granular Bridge End Backfill	80.6	CuYd
430E0510	Approach Slab Underdrain Excavation	3.0	CuYd
430E0700	Precast Concrete Headwall for Drain	4	Each
460E0030	Class A45 Concrete, Bridge Deck	369.6	CuYd
460E0050	Class A45 Concrete, Bridge	182.1	CuYd
460E0150	Concrete Approach Slab for Bridge	189.4	SqYd
460E0160	Concrete Approach Sleeper Slab for Bridge	37.9	SqYd
460E0230	Concrete Penetrating Sealer	1,031.4	SqYd
460E0500	Deck Drain, Girder Bridge	15	Each
465E0100	Class A45 Concrete, Drilled Shaft	145.7	CuYd
465E0200	Drilled Shaft Excavation	142.3	CuYd
465E0400	Crosshole Sonic Log (CSL) Test	2	Each
465E1074	74" Permanent Casing	50.0	Ft
480E0100	Reinforcing Steel	59,680	Lb
480E0200	Epoxy Coated Reinforcing Steel	3,173	Lb
480E0300	Stainless Reinforcing Steel	80,147	Lb
480E0514	No. 14 Rebar Splice	80	Each
510E0300	Preboring Pile	140	Ft
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	110	Ft
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	600	Ft
560E8045	45" Minnesota Shape Prestressed Concrete Beam	1,275	Ft
680E0040	4" Underdrain Pipe	117	Ft
680E2500	Porous Backfill	5.6	Ton
700E0210	Class B Riprap	2,234.0	Ton
700E1100	Overburden Excavation for Riprap	1,720	CuYd
734E0090	Perforated Geocell	688	SqFt
831E0110	Type B Drainage Fabric	2,736	SqYd

Structure No. 10-496-208

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3310	Bridge Elevation Survey	Lump Sum	LS
120E7000	Select Granular Backfill	84.3	Ton
250E0030	Incidental Work, Structure	Lump Sum	LS
410E0030	Structural Steel, Miscellaneous	Lump Sum	LS
410E2600	Membrane Sealant Expansion Joint	75.8	Ft
420E0100	Structure Excavation, Bridge	550	CuYd
430E0200	Bridge End Embankment	840	CuYd
430E0300	Granular Bridge End Backfill	77.8	CuYd
430E0510	Approach Slab Underdrain Excavation	3.0	CuYd
430E0700	Precast Concrete Headwall for Drain	4	Each
460E0030	Class A45 Concrete, Bridge Deck	247.6	CuYd
460E0050	Class A45 Concrete, Bridge	101.5	CuYd
460E0150	Concrete Approach Slab for Bridge	172.4	SqYd
460E0160	Concrete Approach Sleeper Slab for Bridge	37.9	SqYd
460E0230	Concrete Penetrating Sealer	704.0	SqYd
460E0500	Deck Drain, Girder Bridge	2	Each
465E0100	Class A45 Concrete, Drilled Shaft	77.5	CuYd
465E0200	Drilled Shaft Excavation	74.2	CuYd
465E1044	44" Permanent Casing	104.0	Ft
480E0100	Reinforcing Steel	53,746	Lb
480E0200	Epoxy Coated Reinforcing Steel	2,744	Lb
480E0300	Stainless Reinforcing Steel	46,107	Lb
480E0514	No. 14 Rebar Splice	72	Each
510E0300	Preboring Pile	120	Ft
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	120	Ft
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	550	Ft
560E8036	36" Minnesota Shape Prestressed Concrete Beam	869	Ft
680E0040	4" Underdrain Pipe	112	Ft
680E2500	Porous Backfill	5.6	Ton
700E0210	Class B Riprap	2,258.4	Ton
700E1100	Overburden Excavation for Riprap	2,550	CuYd
734E0090	Perforated Geocell	684	SqFt
831E0110	Type B Drainage Fabric	2,730	SqYd

Section F - Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3320	Checker	Lump Sum	LS
120E6200	Water for Granular Material	210.0	MGal
260E1010	Base Course	1,913.3	Ton
260E1030	Base Course, Salvaged	15,599.6	Ton
320E1200	Asphalt Concrete Composite	6,447.7	Ton
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	0.8	Mile

Section M - Pavement Marking

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E1220	High Build Waterborne Pavement Marking Paint, 4" White	9,800	Ft
633E1222	High Build Waterborne Pavement Marking Paint, 4" Yellow	3,090	Ft
633E5100	Grooving for Durable Pavement Marking, 4"	12,890	Ft

Section S - Permanent Signing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0130	Remove Traffic Sign	7	Each
110E7150	Remove Sign for Reset	3	Each
632E1320	2.0"x2.0" Perforated Tube Post	78.7	Ft
632E2022	4"x4" White Delineator Back to Back with 1.12 Lb/Ft Post	14	Each
632E2220	Guardrail Delineator	32	Each
632E2510	Type 2 Object Marker Back to Back	12	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	15.2	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	16.8	SqFt
632E3500	Reset Sign	3	Each

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	A3	A6

Plotting Date: 11/18/2025

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 A: AQUATIC RESOURCES

COMMITMENT A1: WETLANDS

All efforts to avoid and minimize wetland impacts from the project have resulted in approximately 0.70 acres of wetlands (includes temporary and permanent) becoming impacted. Refer to Section B – Grading Plans for location and boundaries of the impacted wetlands.

Table of Impacted Wetlands

Wetland No.	Station	Perm. Impact Left (Acres)	Perm. Impact Right (Acres)	Temp. Impact Left (Acres)	Temp. Impact Right (Acres)	Total Impact (Acres)
1	76+20 L/R	0.120	0.00	0.075	0.109	0.304
2	303+43 L/R	0.083	0.00	0.00	0.107	0.19
3	1217+00 L/R	0.054	0.024	0.124	0.00	0.202

Action Taken/Required:

SDDOT will acquire 0.82 credits from the SDDOT BCB1 wetland mitigation bank site program to mitigate permanent impacts.

Temporary impacts identified in the Table of Impacted Wetlands will not be mitigated as original contours and elevations will be re-established as designated in Section B – Grading Plans. Prior to initiating temporary work in wetlands, the Contractor will submit a plan to the Project Engineer in accordance with Section 7.18 of the Specifications.

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

COMMITMENT A2: STREAMS

All efforts to avoid and minimize stream impacts from the project have resulted in approximately 0.37 acres of streams (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)
Dry Creek	76+20 L/R	0.038	0.00	0.025	0.034	0.097
Willow Creek	303+43 L/R	0.070	0.00	0.00	0.119	0.189
Sulphur Creek	1217+00 L/R	0.024	0.016	0.039	0.00	0.079

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. See Overburden Excavation for Riprap note within structure sheets.

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 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.

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	A4	A6

Plotting Date: 11/18/2025

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 (DANR) 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://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

Willow Creek and Sulphur Creek are classified as warm water, marginal fisheries with a total suspended solids standard of less than 150 mg/L 30-day average, less than 263 mg/L daily maximum.

Willow Creek and Sulphur Creek are classified as fish and wildlife propagation, recreation, irrigation, and stock watering waters. Because of these beneficial uses, special construction measures may have to be taken to ensure that this water body is not impacted.

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 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 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 >

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	A5	A6

Plotting Date: 07/14/2025

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) 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.

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(207)40	A6	A6

Plotting Date: 07/14/2025

COMMITMENT J: CONSTRUCTION PRACTICES FOR TEMPORARY WORKS IN WATERWAYS OF THE U.S.

The Contractor is advised that special construction measures must be taken to ensure that the waterways of the U.S. are not impacted.

Action Taken/Required:

Excavation will not occur below the ordinary high-water elevation in waterways outside of caissons, cribs, cofferdams, steel piling, or sheeting. The natural streambed will not be disturbed unless specified by the plans and under the observation of the Project Engineer. Refer to the Table of U.S. Waterways to Protect for ordinary high-water elevations. Any structure work over or within the waterway will be constructed according to Section 7.21 C of the Specifications.

All dredged or excavated materials will be placed at a site above the ordinary high-water elevation in a confined area (not classified as a wetland) that is a minimum of 50 feet away from concentrated flows of storm water, drainage courses, and inlets to prevent return of such material to the waterway.

The construction of temporary work platforms, crossings, or berms below the ordinary high-water elevation will be allowed if all material placed below the ordinary high-water elevation consists of Class B or larger riprap.

All temporary caissons, cribs, cofferdams, steel piling, sheeting, work platforms, crossings, and berms will be removed with minimal disturbance to the streambed. Proper construction practices will be used to minimize increases in suspended solids and turbidity in the waterway.

Bridge berms, wing dams, traffic diversions, channel reconstruction, stream diversions, grading, etc. will be constructed in close conformity with the plans to ensure that the hydraulic capacity of the waterway is not changed.

Temporary waterway crossings required for the Contractor's construction operations will be constructed with an adequate drainage structure size and minimum fill height to reduce the potential for upstream flooding. The Contractor will be responsible for sizing the temporary drainage structures for these crossings.

All temporary works in waterways of the US are required to be covered in the Corp of Engineers 404 Permit. At the time of the preconstruction meeting, the Contractor will submit documentation for all temporary works for the purpose of complying with the 404 Permit requirements in accordance with Section 423.3 A of the Specifications.

If an on-site construction crossing is used at Sta. 76+20 R, 303+43 R, and 1217+00 L the temporary crossings will need to be designed so they will not increase the Q_{100} water surface elevation. The Contractor will submit the proposed temporary crossings geometric layout and structure size at Sta. 76+20 R, 303+43 R, and 1217+00 L to the Project Engineer during the preconstruction meeting. This information will be forwarded to the SDDOT Hydraulics Office and Environmental Office for review. Construction of the temporary crossing is not allowed until approval of the proposal is obtained from the SDDOT Hydraulics Office and Environmental Office.

Table of U.S. Waterways to Protect

Station	Waterway	Ordinary High-Water Elevation
76+20 L/R	Dry Creek	2779.9'
303+43 L/R	Willow Creek	2774.6'
1217+00 L/R	Sulphur Creek	2736.2'

Stream channel excavation within "Waters of the US" is subject to USACE regulatory jurisdiction. Stream channel excavation cannot exceed the permitted quantities and/or surface area. The 404 Permit is included in the Special Provisions.

The Contractor will take all precautions necessary to prevent any incidental discharges associated with the excavation and hauling of material from the stream channel. This pertains to any excavation operations such as, foundation, pier, or abutment excavation, channel cleanout, excavation for riprap protection, and removal of any temporary fill associated with construction activities.

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.

COMMITMENT Q: ARCHAEOLOGICAL COORDINATION

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

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

Table of Historic Properties

Station	Offset (Ft.)	L/R	Environmental Sensitive Site	Action
71+00	N/A	R	ESS-1	Do Not Disturb

The locations and boundaries of the site(s) for avoidance are shown in Section B - Grading Plans.

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), 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.