

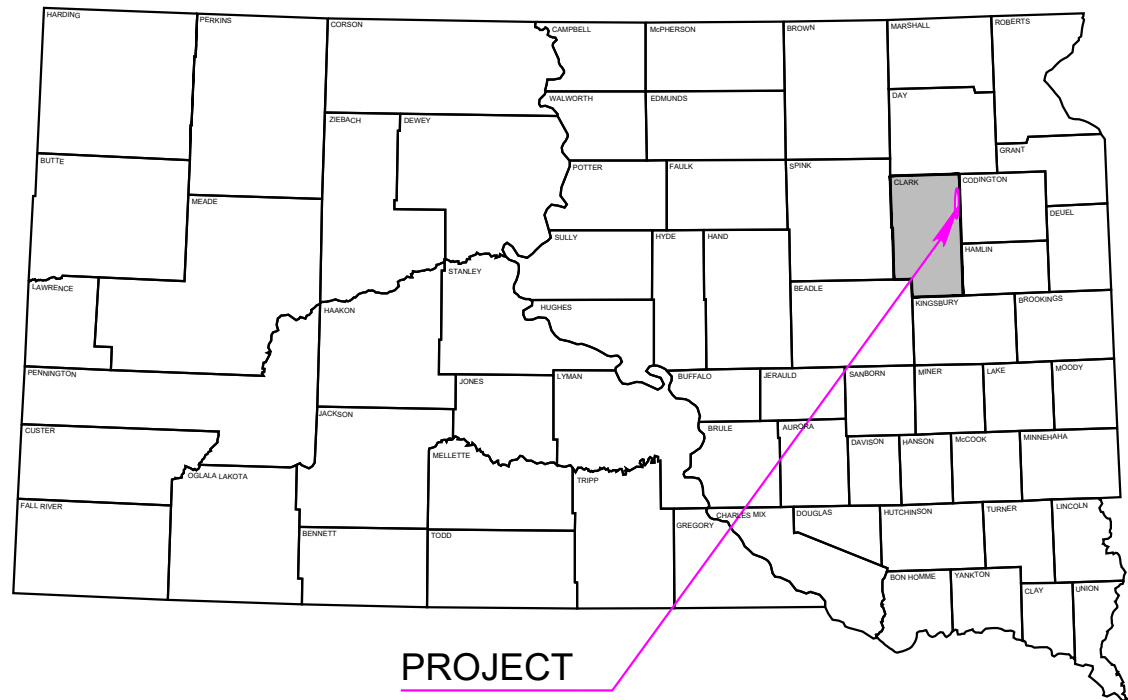
STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

FOR BIDDING PURPOSES ONLY

PLANS FOR PROPOSED
PROJECT P-PT 0025(89)149
S.D. HIGHWAY 25
CLARK COUNTY
GRADING, INTERIM SURFACING
PCN 069D

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 M: Pavement Marking Plans
- Section S: Permanent Signing Plans
- Section X: Cross Sections
- Section Z: Pipe Sections



Consultant Contact
Waylon Blasius, PE
Banner Associates, Inc.
605-692-6342

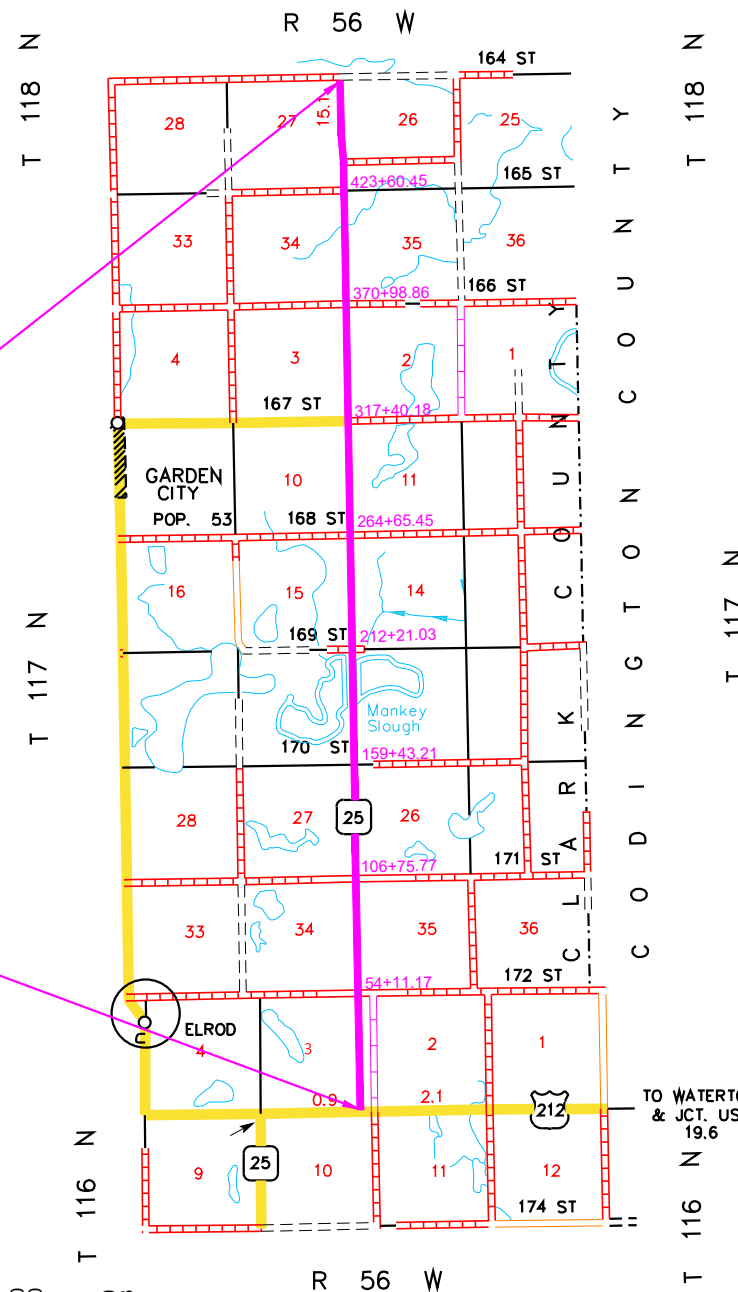
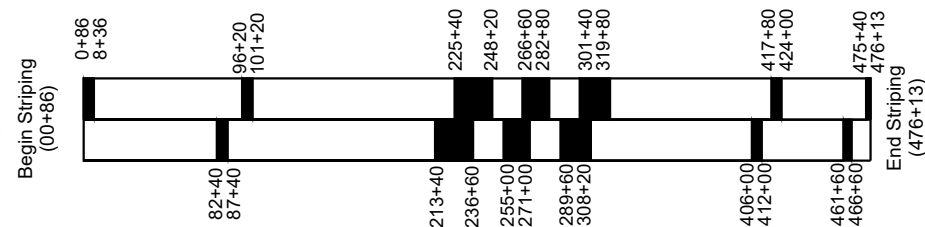
END P-PT 0025(89)149
Station 476+13 = Station 210+92.60 on F 465(1)
Located at northeast corner of Section 27 -
Township 118 North - Range 56 West of the 5th PM
MRM 158.00+0.834

DESIGN DESIGNATION	
AADT (2022)	457
AADT (2042)	667
DHV	74
D	50.0%
DHV T%	9.6%
AADT T%	21.0%
V	70 mph

STORM WATER PERMIT
Major Receiving
Body of Water: Mankey Slough
Area Disturbed: 127 Acres
Total Project Area: 224 Acres
Approx. Begin Lat,Long: N44.8768, W97.5346

This striping diagram is for informational purposes only. Actual striping for passing/no passing zones should be determined by field verified procedures.

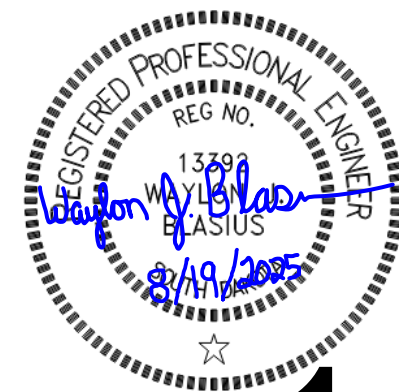
- ☐ Passing
- ☒ No Passing



Gross Length 47527.10 Feet 9.001 Miles

Length of Exceptions 0.00 Feet 0.000 Miles January 21, 2026

Net Length 47527.10 Feet 9.001 Miles



1

Section B – Grading

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3220	Reestablish Right-of-Way and Property Corner	88	Each
009E3225	Reestablish Public Land Survey System Corner	18	Each
009E3230	Grade Staking	9.001	Mile
009E3245	Final Cross Section Survey	9.001	Mile
009E3250	Miscellaneous Staking	9.001	Mile
009E3280	Slope Staking	9.001	Mile
009E3301	Engineer Directed Surveying/Staking	40.0	Hour
009E4300	Construction Schedule, Category III	Lump Sum	LS
100E0100	Clearing	Lump Sum	LS
110E0600	Remove Fence	5,739	Ft
110E1050	Remove Asphalt Concrete Approach Pavement	1,433.0	SqYd
110E5451	Salvage Riprap	7,440.0	Ton
120E0010	Unclassified Excavation	535,133	CuYd
120E0600	Contractor Furnished Borrow Excavation	148,229	CuYd
120E0900	Contaminated Material Excavation	100	CuYd
120E1000	Muck Excavation	25,635	CuYd
120E2000	Undercutting	132,722	CuYd
120E6100	Water for Embankment	5,240.0	MGal
250E0020	Incidental Work, Grading	Lump Sum	LS
260E6010	Granular Material	200.0	Ton
* 270E0022	Salvage Asphalt Mix Material	9,300.0	Ton
270E0040	Salvage and Stockpile Asphalt Mix and Granular Base Material	145,583.1	Ton
* 270E0040	Salvage and Stockpile Asphalt Mix and Granular Base Material	250.0	Ton
* 270E0210	Haul and Stockpile Granular Material	250.0	Ton
* 270E0230	Haul and Stockpile Asphalt Mix Material	9,300.0	Ton
421E0100	Pipe Culvert Undercut	788	CuYd
450E0143	24" RCP Class 3, Furnish	1,310	Ft
450E0144	24" RCP Class 4, Furnish	72	Ft
450E0150	24" RCP, Install	1,382	Ft
450E0163	30" RCP Class 3, Furnish	736	Ft
450E0164	30" RCP Class 4, Furnish	64	Ft
450E0170	30" RCP, Install	800	Ft
450E0182	36" RCP Class 2, Furnish	264	Ft
450E0190	36" RCP, Install	264	Ft
450E0192	42" RCP Class 2, Furnish	78	Ft
450E0200	42" RCP, Install	78	Ft
450E0202	48" RCP Class 2, Furnish	160	Ft
450E0210	48" RCP, Install	160	Ft
450E0212	54" RCP Class 2, Furnish	122	Ft
450E0214	54" RCP Class 4, Furnish	120	Ft
450E0220	54" RCP, Install	242	Ft

Section B – Grading (Continued)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
450E2028	36" RCP Flared End, Furnish	6	Each
450E2029	36" RCP Flared End, Install	6	Each
450E2032	42" RCP Flared End, Furnish	2	Each
450E2033	42" RCP Flared End, Install	2	Each
450E2036	48" RCP Flared End, Furnish	4	Each
450E2037	48" RCP Flared End, Install	4	Each
450E2040	54" RCP Flared End, Furnish	4	Each
450E2041	54" RCP Flared End, Install	4	Each
450E2200	24" RCP Sloped End, Furnish	28	Each
450E2201	24" RCP Sloped End, Install	28	Each
450E2204	30" RCP Sloped End, Furnish	18	Each
450E2205	30" RCP Sloped End, Install	18	Each
450E2308	24" RCP Safety End, Furnish	6	Each
450E2311	24" RCP Safety End, Install	6	Each
450E3023	30" RCP Arch Class 3, Furnish	62	Ft
450E3030	30" RCP Arch, Install	62	Ft
450E3032	36" RCP Arch Class 2, Furnish	340	Ft
450E3034	36" RCP Arch Class 4, Furnish	88	Ft
450E3040	36" RCP Arch, Install	428	Ft
450E3042	42" RCP Arch Class 2, Furnish	100	Ft
450E3050	42" RCP Arch, Install	100	Ft
450E3052	48" RCP Arch Class 2, Furnish	156	Ft
450E3060	48" RCP Arch, Install	156	Ft
450E3072	60" RCP Arch Class 2, Furnish	78	Ft
450E3080	60" RCP Arch, Install	78	Ft
450E4512	36" RCP Arch Flared End, Furnish	8	Each
450E4513	36" RCP Arch Flared End, Install	8	Each
450E4516	42" RCP Arch Flared End, Furnish	2	Each
450E4517	42" RCP Arch Flared End, Install	2	Each
450E4520	48" RCP Arch Flared End, Furnish	4	Each
450E4521	48" RCP Arch Flared End, Install	4	Each
450E4528	60" RCP Arch Flared End, Furnish	2	Each
450E4529	60" RCP Arch Flared End, Install	2	Each
450E4604	30" RCP Arch Sloped End, Furnish	2	Each
450E4605	30" RCP Arch Sloped End, Install	2	Each
450E4606	36" RCP Arch Sloped End, Furnish	2	Each
450E4607	36" RCP Arch Sloped End, Install	2	Each
450E4759	18" CMP 16 Gauge, Furnish	1,346	Ft
450E4760	18" CMP, Install	1,346	Ft
450E4769	24" CMP 16 Gauge, Furnish	410	Ft
450E4770	24" CMP, Install	410	Ft
450E4779	30" CMP 16 Gauge, Furnish	54	Ft
450E4780	30" CMP, Install	54	Ft

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0025(89)149	A1	A5

REVISED 12-16-2025 EJK

Section B – Grading (Continued)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
450E5406	18" CMP Safety End, Furnish	34	Each
450E5407	18" CMP Safety End, Install	34	Each
450E5410	24" CMP Safety End, Furnish	12	Each
450E5411	24" CMP Safety End, Install	12	Each
450E5414	30" CMP Safety End, Furnish	2	Each
450E5417	30" CMP Safety End, Install	2	Each
451E7300	Repair Drain Tile	500	Ft
464E0100	Controlled Density Fill	26.8	CuYd
600E0300	Type III Field Laboratory	1	Each
620E0020	Type 2 Right-of-Way Fence	3,159	Ft
620E0030	Type 3 Right-of-Way Fence	2,591	Ft
620E0515	Type 1A Temporary Fence	500	Ft
620E0530	Type 3 Temporary Fence	2,591	Ft
620E1020	2 Post Panel	18	Each
620E1030	3 Post Panel	11	Each
700E0110	Class A Riprap	3,690.0	Ton
700E2010	Place Riprap	7,440.0	Ton
720E1010	PVC Coated Bank and Channel Protection Gabion	66.0	CuYd
831E0110	Type B Drainage Fabric	11,194	SqYd
900E0010	Refurbish Single Mailbox	2	Each
900E1150	Right of Way Marker	82	Each

* - Denotes Non-Participating



INDEX OF SHEETS

A1 to A2	Estimate of Quantities for Sections B, C, D, F, M, and S
A3 to A5	Environmental Commitments

Section C – Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E1200	High Build Waterborne Pavement Marking Paint, White	675	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	236	Gal
634E0010	Flagging	200.0	Hour
634E0020	Pilot Car	50.0	Hour
634E0110	Traffic Control Signs	1,265.2	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	48	Each
634E1002	Detour and Restriction Signing	1,506.4	SqFt

Section F – Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3320	Checker	Lump Sum	LS
120E6200	Water for Granular Material	1,742.2	MGal
205E0010	Dust Control Chloride	50,688	Lb
260E1030	Base Course, Salvaged	144,683.1	Ton
260E3500	Temporary Gravel Surfacing	900.0	Ton
320E1200	Asphalt Concrete Composite	6,500.0	Ton
330E0010	MC-70 Asphalt for Prime	134.5	Ton
330E0300	SS-1h or CSS-1h Asphalt for Fog Seal	32.9	Ton
330E1000	Blotting Sand for Prime	660.1	Ton
330E3000	Sand for Fog Seal	10.0	Ton
360E0020	AE150S Asphalt for Surface Treatment	226.2	Ton
360E1050	Type 3 Cover Aggregate	3,049.7	Ton

Section D – Erosion Control

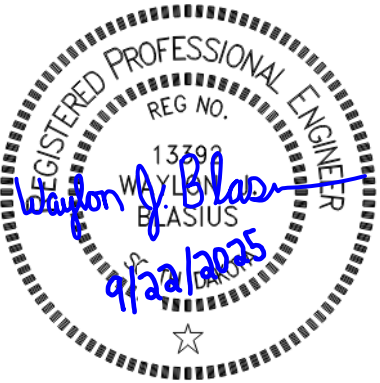
BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1690	Remove Sediment	7.5	CuYd
110E1700	Remove Silt Fence	3,142	Ft
230E0010	Placing Topsoil	55,337	CuYd
730E0100	Cover Crop Seeding	50.0	Bu
730E0212	Type G Permanent Seed Mixture	2,439	Lb
731E0200	Fertilizing	70.40	Ton
732E0100	Mulching	250.0	Ton
734E0103	Type 3 Erosion Control Blanket	3,815	SqYd
734E0154	12" Diameter Erosion Control Wattle	3,250	Ft
734E0165	Remove and Reset Erosion Control Wattle	813	Ft
734E0325	Surface Roughening	4.1	Acre
734E0510	Shaping for Erosion Control Blanket	2,146	Ft
734E0602	Low Flow Silt Fence	8,328	Ft
734E0604	High Flow Silt Fence	3,922	Ft
734E0610	Mucking Silt Fence	873	CuYd
734E0620	Repair Silt Fence	3,142	Ft
734E0630	Floating Silt Curtain	9,350	Ft
734E0635	Remove and Reset Floating Silt Curtain	2,338	Ft
900E1320	Construction Entrance	2	Each

Section M – Pavement Marking

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E1200	High Build Waterborne Pavement Marking Paint, White	501	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	138	Gal

Section S – Permanent Signing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0130	Remove Traffic Sign	85	Each
110E7150	Remove Sign for Reset	7	Each
632E1320	2.0"x2.0" Perforated Tube Post	865.0	Ft
632E1340	2.5"x2.5" Perforated Tube Post	48.0	Ft
632E2022	4"x4" White Delineator Back to Back with 1.12 Lb/Ft Post	10	Each
632E2028	4" Tubular White Delineator with 1.12 Lb/Ft Post	16	Each
632E2510	Type 2 Object Marker Back to Back	107	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	295.2	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	178.5	SqFt
632E3500	Reset Sign	7	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/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 49.46 acres of wetlands (includes temporary and permanent) becoming impacted.

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)
PCN 069D						
WL 1a	0+00 to 0+00	0.000	0.000	0.000	0.000	0.000
WL 2b	0+90 to 7+80	0.100	0.000	0.633	0.000	0.733
WL 3c	0+90 to 7+90	0.000	0.430	0.000	0.376	0.806
WL 2	10+50 to 16+30	0.150	0.000	0.243	0.000	0.393
WL 3	13+10 to 16+00	0.000	0.030	0.000	0.067	0.097
WL 04a	18+40 to 28+30	0.000	0.546	0.000	0.228	0.774
WL 04b	18+40 to 27+40	0.450	0.000	0.290	0.000	0.740

WL 04c	18+40 to 28+60	0.039	0.000	0.103	0.000	0.142
WL 05a	36+60 to 40+30	0.000	0.094	0.000	0.000	0.094
WL 05b	40+30 to 45+30	0.000	0.349	0.000	0.399	0.748
WL 05c	45+30 to 50+40	0.000	0.257	0.000	0.000	0.257
WL 05d	38+60 to 44+30	0.526	0.000	0.190	0.000	0.716
WL 05e	44+30 to 50+60	0.328	0.000	0.000	0.000	0.328
WL 06a	50+80 to 54+30	0.000	0.155	0.000	0.090	0.245
WL 06b	50+80 to 54+30	0.112	0.000	0.017	0.000	0.129
WL 06c	54+90 to 56+70	0.061	0.000	<0.001	0.000	0.061
WL 07a	55+50 to 56+60	0.000	0.050	0.000	0.000	0.050
WL 07b	56+90 to 62+70	0.000	0.365	0.000	0.228	0.593
WL 07c	56+60 to 70+00	0.000	0.163	0.000	0.000	0.163
WL 07d	58+80 to 62+10	0.095	0.000	0.008	0.000	0.103
WL 08a	78+80 to 82+90	0.000	0.322	0.000	0.114	0.436
WL 08b	79+10 to 78+42	0.430	0.000	0.635	0.000	1.065
WL 9	84+50 to 87+80	0.000	0.227	0.000	0.000	0.227
WL 10a	102+40 to 105+70	0.000	0.033	0.000	0.105	0.138
WL 10b	103+10 to 104+10	0.008	0.000	0.037	0.000	0.045
WL 11a	107+10 to 113+00	0.000	0.293	0.000	0.123	0.416
WL 11b	107+10 to 113+00	0.353	0.000	0.177	0.000	0.530
WL 12	113+10 to 117+80	0.228	0.000	0.000	0.000	0.228
WL 13a	113+00 to 121+30	0.000	0.228	0.000	0.152	0.380
WL 13b	119+40 to 120+80	0.006	0.000	0.062	0.000	0.068
WL 14a	128+70 to 133+50	0.178	0.000	0.154	0.000	0.332
WL 14b	134+30 to 147+50	0.468	0.000	0.004	0.000	0.472
WL 14c	147+50 to 159+40	0.625	0.000	0.786	0.000	1.411
WL 14d	160+00 to 166+70	0.282	0.000	0.000	0.000	0.282

WL 14e	123+30 to 146+00	0.000	0.853	0.000	0.003	0.856
WL 14f	146+00 to 164+10	0.000	0.729	0.000	0.936	1.665
WL 15a	167+50 to 175+60	0.000	0.404	0.000	0.036	0.440
WL 15b	167+60 to 175+00	0.287	0.000	0.000	0.000	0.287
WL 16	179+30 to 186+20	0.000	0.277	0.000	0.181	0.458
WL 17a	186+50 to 212+00	0.000	4.486	0.000	5.943	10.429
WL 17b	180+00 to 212+30	4.819	0.000	4.342	0.000	9.161
WL 18	226+50 to 228+30	0.000	0.000	0.021	0.000	0.021
WL 19a	281+60 to 290+90	0.373	0.000	0.350	0.000	0.723
WL 19b	282+70 to 291+10	0.000	0.318	0.000	0.495	0.813
WL 19c	291+60 to 223+30	0.000	0.070	0.000	0.000	0.070
WL 20a	314+30 to 317+40	0.000	0.283	0.000	0.395	0.678
WL 20b	317+80 to 329+60	0.000	1.019	0.000	0.801	1.820
WL 20c	317+80 to 329+30	1.156	0.000	0.739	0.000	1.895
WL 20d	329+30 to 334+00	0.146	0.000	0.000	0.000	0.146
WL 21	343+30 to 347+30	0.000	0.000	0.000	0.000	0.000
WL 22	347+00 to 348+70	0.000	0.000	0.023	0.000	0.023
WL 23a	406+80 to 408+20	0.000	0.067	0.000	0.103	0.170
WL 23b	406+70 to 409+00	0.048	0.000	0.146	0.000	0.194
WL 24a	420+90 to 424+00	0.000	0.113	0.000	0.000	0.113
WL 24b	424+70 to 425+30	0.000	0.005	0.000	0.000	0.005
WL 24c	424+30 to 425+70	0.024	0.000	0.061	0.000	0.085
WL 24d	421+70 to 423+70	0.000	0.000	0.016	0.000	0.016
WL 25a	436+90 to 470+30	0.000	1.173	0.000	2.247	3.420
WL 25b	440+50 to 463+40	1.166	0.000	1.355	0.000	2.521
WL 25c	463+50 to 466+60	0.004	0.000	0.248	0.000	0.252

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P-PT 0025(89)149	A4	A5

COMMITMENT A1: WETLANDS (Continued)

Action Taken/Required:

SDDOT will acquire 25.175 FCU from the Ducks Unlimited In-Lieu Fee 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 the Specifications.

COMMITMENT B: FEDERALLY THREATENED, ENDANGERED, AND PROTECTED SPECIES

COMMITMENT B4: BALD EAGLE

Bald eagles are known to occur in this area.

Action Taken/Required:

If a nest is observed within one mile of the project site, notify the Project Engineer immediately so that he/she can consult with the Environmental Office for an appropriate course of action.

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](https://sdlegislature.gov/rules/DisplayRule.aspx?Rule=41:10:04) >

COMMITMENT D: WATER QUALITY STANDARDS

COMMITMENT D1: SURFACE WATER QUALITY

This project is 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.

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 form:

<<https://dot.sd.gov/media/documents/SDDOTDewateringInfoCDX.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.

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 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
145+00 – 148+00	Railroad Grade (39CK2003)

Action Taken/Required:

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

The contractor will notify the Project Engineer if additional temporary or permanent easement is necessary to construct the project. Temporary occupancy and permanent incorporation of, and restriction of access to, the Section 4(f) property must be avoided unless there are no feasible or prudent alternatives to use of the land and the action includes all possible planning to minimize harm to the property. The Project Engineer will notify the Environmental Office as Section 4(f) use must be approved by the Federal Highway Administration.

COMMITMENT Q: ARCHAEOLOGICAL COORDINATION

As a result of a Cultural Resources Survey, historic properties have been identified 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
145+00 – 148+00	150	L/R	Railroad Grade (39CK2003)	Do Not Disturb

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.