



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

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

PROJECTS NH-EM-TA 0100(107)411,
P 1440(00), & P 1432(00)
VETERANS PARKWAY
LINCOLN CO. / MINNEHAHA CO.

GRADING, STRUCTURES, CURB & GUTTER, STORM SEWER, PCC/AC PAVEMENT,
PAVEMENT MARKING, SIGNALS, LIGHTING, PERMANENT SIGNING

PCN 01VA, 08DJ, & 08DK
CIP 11118 & 11119

END NH-EM-TA 0100(107)411
VETERANS PARKWAY
Station 538+72.91
Approx. 17.64' east and 1,927.86' north of the
SW corner of Section 31 - Township 101 N
- Range 48 W of the 5th P.M.

P 1432(00)
PCN 08DK CIP 11119
57th Street
Station 55+70.00 to 70+09.62

NH-EM-TA 0100(107)411
PCN 01VA
69TH STREET / CO. ROAD 102
Station 901+00.95 to 912+69.05

NH-EM-TA 0100(107)411
PCN 01VA
SD HWY 11
Station 1136+69.40 to 1169+47.00

INDEX OF SECTIONS

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STATE OF SOUTH DAKOTA
PROJECT
NH-EM-TA 0100(107)411
P 1440(00) & P 1432(00)

SHEET
1

TOTAL SHEETS
711

FILE: ...\\Section A\\A01 (Title)
PLOT DATE: 09-08-2026

REV DATE: 09-08-2026
INITIAL: JHU

DESIGN DESIGNATION

	VETERANS PARKWAY (Sycamore Ave to 69th Street)	VETERANS PARKWAY (69th Street to 57th Street)	VETERANS PARKWAY (North of 57th Street)
AADT (2021)	0	0	14,100 (SD Hwy 11)
AADT (2045)	12,000	25,500	28,500
DHV	1,284	2,729	3,050
D	50%	50%	50%
DHV T%	3.8%	3.7%	3.2%
AADT T%	8.3%	8.2%	7.1%
V	60 mph	60 mph	60 mph

	69TH STREET (W of Veterans Parkway)	SD HWY 11 (Veterans to 69th St / CR 102)	SD HWY 11 (South of 69th Street / CR 102)	69TH ST / CO. RD 102 (NE of SD Hwy 11)	57TH STREET (W of Veterans Parkway)	57TH STREET (E of Veterans Parkway)
AADT (2021)	700	7,300	7,200	1,300	8,700	200
AADT (2045)	7,000	14,800	10,100	5,700	17,500	14,600
DHV	800	1,690	1,150	650	2,000	1,670
D	55%	60%	60%	60%	50%	50%
DHV T%	2.2%	3.4%	4.3%	2.0%	2.8%	3.5%
AADT T%	4.8%	7.5%	9.4%	4.5%	6.2%	7.8%
V	45 mph	45 mph	45 mph	40 mph	45 mph	45 mph

STORM WATER PERMIT

Major Stream: Big Sioux River

Area Disturbed: 76.28 Acres

Total Project Area: 88.84 Acres

Approx. Begin Lat/Long: 43.4809, -96.7071

Project

BEGIN NH-EM-TA 0100(107)411
VETERANS PARKWAY
Station 430+00.00
Approx. 178.64' east and 2,657.52' north of the
SW corner of Section 17 - Township 100 N
- Range 49 W of the 5th P.M.

Map

Map showing project location in Lincoln and Minnehaha counties, South Dakota. Includes street names (Veterans Parkway, 69th Street, 57th Street, 85th Street, Sycamore Ave, HWY 11) and section numbers (e.g., 7-8, 17-16, 25-30, 36-31, 31-32, 35-36, 7-8, 9-10, 13-18, 18-17, 17-16, 16-15, 13-18, 24-19, 19-20, 20-21, 21-22, 24-100-50, 19-100-49, 20-100-49, 21-100-49, 22-100-49, 13-100-50, 18-100-49, 17-100-49, 16-100-49, 15-100-49, 7-100-49, 8-100-49, 9-100-49, 36-101-49, 31-101-48, 30-101-48, 25-101-49). A north arrow is present.

Professional Engineer Seals

James H. Unruh, Registered Professional Engineer, South Dakota, Reg. No. 5524, dated 5-28-26.

Kenneth A. Ode, Registered Professional Engineer, South Dakota, Reg. No. 1504, dated 8/29/2025.

Lance R. McQueen, Registered Professional Engineer, South Dakota, Reg. No. 8324, dated 5-28-26.

Lance P. Rogers, Registered Professional Engineer, South Dakota, Reg. No. 14447, dated 08/29/2025.

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October 21, 2026

HDR

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(107)411 P 1441(00) & P 1432(00)	A1	A10

Section B – Grading

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
009E0010	Mobilization	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
009E3220	Reestablish Right-of-Way and Property Corner	115	-	-	115	Each
009E3225	Reestablish Public Land Survey System Corner	1	-	-	1	Each
009E3230	Grade Staking	17.766	0.943	1.239	19.948	Mile
009E3245	Final Cross Section Survey	3.017	0.473	0.250	3.740	Mile
009E3250	Miscellaneous Staking	3.369	0.473	0.250	4.092	Mile
009E3280	Slope Staking	3.017	0.473	0.250	3.740	Mile
009E3290	Structure Staking	6	-	-	6	Each
009E3301	Engineer Directed Surveying/Staking	40.0	20.0	5.0	65.0	Hour
009E4300	Construction Schedule, Category III	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
100E0020	Clear and Grub Tree	5	-	-	5	Each
100E0100	Clearing	Lump Sum	-	-	Lump Sum	LS
110E0300	Remove Concrete Curb and/or Gutter	3,428	-	1,703	5,131	Ft
110E0600	Remove Fence	3,306	-	-	3,306	Each
110E1010	Remove Asphalt Concrete Pavement	26,598.8	430.4	-	27,029.2	SqYd
110E1100	Remove Concrete Pavement	1,286.7	-	4,143.3	5,430.0	SqYd
110E1120	Remove Concrete Median Pavement	-	-	465.3	465.3	SqYd
110E1140	Remove Concrete Sidewalk	103.3	-	1,110.4	1,213.7	SqYd
110E7500	Remove Pipe for Reset	-	-	46	46	Ft
110E7510	Remove Pipe End Section for Reset	-	-	2	2	Each
120E0010	Unclassified Excavation	242,794	6,756	9,498	259,048	CuYd
120E0300	Borrow Unclassified Excavation	527,148	31,297	-	558,445	CuYd
120E1000	Muck Excavation	34,635	2,021	-	36,656	CuYd
120E2000	Undercutting	25,973	2,978	5,469	34,420	CuYd
120E6100	Water for Embankment	6,414.6	316.7	13.1	6,744.4	MGal
240E0010	Obliterate Old Road	16	-	-	16	Sta
250E0020	Incidental Work, Grading	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
260E6010	Granular Material	150.0	-	-	150.0	Ton
380E2564	4" Barrier Type Colored Median PCC Pavement	4,201.3	422.2	-	4,623.5	SqYd
380E2566	6" Barrier Type Colored Median PCC Pavement	1,055.8	272.3	-	1,328.1	SqYd
380E3520	6" PCC Approach Pavement	69.3	-	-	69.3	SqYd
380E4010	6" PCC Fillet Section	-	75.2	-	75.2	SqYd
450E0105	12" RCP Class 5, Furnish	-	54	-	54	Ft
450E0110	12" RCP, Install	-	54	-	54	Ft
450E0114	15" RCP Class 4, Furnish	-	88	-	88	Ft
450E0120	15" RCP, Install	-	88	-	88	Ft
450E0122	18" RCP Class 2, Furnish	10,116	1,176	20	11,312	Ft
450E0130	18" RCP, Install	10,116	1,176	20	11,312	Ft
450E0142	24" RCP Class 2, Furnish	2,990	114	4	3,108	Ft
450E0150	24" RCP, Install	2,990	114	4	3,108	Ft
450E0162	30" RCP Class 2, Furnish	88	-	-	88	Ft
450E0170	30" RCP, Install	88	-	-	88	Ft
450E0182	36" RCP Class 2, Furnish	802	224	-	1,026	Ft
450E0190	36" RCP, Install	802	224	-	1,026	Ft
450E0416	24" RCP Bend, Furnish	12	-	-	12	Each
450E0417	24" RCP Bend, Install	12	-	-	12	Each
450E2000	12" RCP Flared End, Furnish	-	2	-	2	Each
450E2001	12" RCP Flared End, Install	-	2	-	2	Each

FOR BIDDING PURPOSES ONLY

INDEX OF SHEETS

A1 to A5
A6 to A10

Est. of Quantities for Sections B, C, D, E, F, H, L, M, and S
Environmental Commitments

REV. DATE: 7-21-2026
INITIAL: JHU

Section B – Grading (continued)

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
450E2004	15" RCP Flared End, Furnish	-	4	-	4	Each
450E2005	15" RCP Flared End, Install	-	4	-	4	Each
450E2008	18" RCP Flared End, Furnish	18	5	-	23	Each
450E2009	18" RCP Flared End, Install	18	5	-	23	Each
450E2016	24" RCP Flared End, Furnish	9	2	-	11	Each
450E2017	24" RCP Flared End, Install	9	2	-	11	Each
450E2028	36" RCP Flared End, Furnish	9	2	-	11	Each
450E2029	36" RCP Flared End, Install	9	2	-	11	Each
450E3002	18" RCP Arch Class 2, Furnish	-	-	252	252	Ft
450E3010	18" RCP Arch, Install	-	-	252	252	Ft
450E3032	36" RCP Arch Class 2, Furnish	760	-	-	760	Ft
450E3040	36" RCP Arch, Install	760	-	-	760	Ft
450E3062	54" RCP Arch Class 2, Furnish	-	-	32	32	Ft
450E3070	54" RCP Arch, Install	-	-	32	32	Ft
450E3072	60" RCP Arch Class 2, Furnish	-	-	40	40	Ft
450E3080	60" RCP Arch, Install	-	-	40	40	Ft
450E4512	36" RCP Arch Flared End, Furnish	10	-	-	10	Each
450E4513	36" RCP Arch Flared End, Install	10	-	-	10	Each
450E7636	36" Steel Pipe, Furnish	246	-	-	246	Ft
450E9000	Reset Pipe	-	-	46	46	Each
450E9001	Reset Pipe End Section	-	-	2	2	Each
451E5136	Bore and Jack 36" Pipe	246	-	-	246	Ft
462E0100	Class M6 Concrete	293.5	35.0	21.1	349.6	CuYd
480E0100	Reinforcing Steel	56,560	6,381	4,040	66,981	Lb
600E0300	Type III Field Laboratory	1	-	-	1	Each
620E0020	Type 2 Right-of-Way Fence	269	-	-	269	Ft
620E1020	2 Post Panel	2	-	-	2	Each
650E0059	Modified Type B66 Concrete Curb and Gutter	2,343	3,205	-	5,548	Ft
650E0089	Modified Type B69 Concrete Curb and Gutter	55	-	1,672	1,727	Ft
650E0360	Type BL66 Concrete Curb and Gutter	-	3,040	1,668	4,708	Ft
650E1100	Type F610 Concrete Curb and Gutter	29,695	-	-	29,695	Ft
650E1400	Type FL610 Concrete Curb and Gutter	26,534	-	-	26,534	Ft
650E4659	Modified Type P6 Concrete Gutter	89	-	-	89	Ft
650E4700	Type P10 Concrete Gutter	232	-	-	232	Ft
650E6060	6" Concrete Valley Gutter	-	30	-	30	SqYd
650E6080	8" Concrete Valley Gutter	39	-	-	39	SqYd
651E0040	4" Concrete Sidewalk	-	217	-	217	SqFt
651E0060	6" Concrete Sidewalk	71,932	25,918	10,447	108,297	SqFt
651E0080	8" Concrete Sidewalk	272	-	-	272	SqFt
651E7000	Type 1 Detectable Warnings	352	45	-	397	SqFt
670E1200	Type B Frame and Grate	253	27	12	292	Each
670E5202	Special Frame and Grate	-	-	1	1	Each
670E5340	4' x 11' Precast Concrete Type S Drop Inlet Lid	-	2	-	2	Each
670E5400	Precast Drop Inlet Collar	168	11	8	187	Each
671E6007	Type A7 Manhole Frame and Lid	1	-	1	2	Each
700E0210	Class B Riprap	402.3	83.9	-	486.2	Ton
831E0110	Type B Drainage Fabric	652	117	-	769	SqYd
900E1150	Concrete Right of Way Marker	116	-	-	116	Each

FOR BIDDING PURPOSES ONLY

REV DATE: 8-17-2026
INITIAL: JHU

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(107)411 P 1441(00) & P 1432(00)	A2	A10

Section C – Traffic Control

Section D – Erosion & Sediment Control

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
260E3500	Temporary Gravel Surfacing	500.0	250.0	250.0	1,000.0	Ton
260E6010	Granular Material	3,000.0	500.0	100.0	3,600.0	Ton
320E6000	Temporary Asphalt	1,200.0	-	100.0	1,300.0	Ton
628E1110	Movable F Shape Concrete Barrier, End Section	4	-	-	4	Each
634E0010	Flagging	200.0	40.0	140.0	380.0	Hour
634E0110	Traffic Control Signs	1,192.8	121.5	498.3	1,812.6	SqFt
634E0120	Traffic Control Miscellaneous	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
634E0275	Type 3 Barricade	40	13	40	93	Each
634E0330	Temporary Raised Pavement Markers	11,000	-	-	11,000	Ft
634E0380	Tubular Marker	300	-	-	300	Each
634E0390	Replace Tubular Marker	55	-	-	55	Each
634E0420	Type C Advance Warning Arrow Board	2	-	2	4	Each
634E0525	Linear Delineation System Panel, Barrier Mounted	20	-	-	20	Each
634E0560	Remove Pavement Marking, 4" or Equivalent	17,000	-	11,000	28,000	Ft
634E0640	Temporary Pavement Marking	17,000	-	13,000	30,000	Ft
634E0702	Contractor Supplied Traffic Control Movable Concrete Barrier	20	-	-	20	Each
634E0705	Remove and Reset Traffic Control Movable Concrete Barrier	20	-	-	20	Each
634E1002	Detour and Restriction Signing	1,179.4	931.5	1,197.9	3,308.8	SqFt
634E1020	Temporary Business Signing	683.8	649.2	656.7	1,989.7	SqFt
634E1215	Contractor Furnished Portable Changeable Message Sign	2	2	2	6	Each
634E2000	Longitudinal Pedestrian Barricade	-	-	12	12	Ft
634E2015	Temporary Pedestrian Access Route	-	Lump Sum	-	Lump Sum	LS
635E7600	Maintenance of Traffic Signal(s)	40	-	-	40	Hour
900E1350	Temporary Surfacing	30,000.0	-	1,000.0	31,000.0	SqFt

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
110E1690	Remove Sediment	11.5	1.1	0.7	13.3	CuYd
110E1693	Remove Erosion Control Wattle	2,868	-	-	2,868	Ft
110E1695	Remove Sediment Filter Bag	5,077	466	415	5,958	Ft
110E1700	Remove Silt Fence	7,831	709	368	8,908	Ft
120E6300	Water for Vegetation	24,301.7	1,615.8	906.0	26,823.5	MGal
230E0010	Placing Topsoil	94,494	2,361	292	97,147	CuYd
730E0100	Cover Crop Seeding	125.0	25.0	-	150.0	Bu
730E0206	Type D Permanent Seed Mixture	2,739	156	94	2,989	Lb
730E0212	Type G Permanent Seed Mixture	2,175	129	81	2,385	Lb
731E0100	Fertilizing	8,359	551	309	9,219	Lb
732E0100	Mulching	207.5	10.8	5.8	224.1	Ton
732E0300	Bonded Fiber Matrix	9.6	0.4	0.4	10.4	Ton
734E0044	Soil Stabilizer	20.0	-	-	20.0	Acre
734E0154	12" Diameter Erosion Control Wattle	2,868	-	-	2,868	Ft
734E0165	Remove and Reset Erosion Control Wattle	718	-	-	718	Ft
734E0180	Sediment Filter Bag	5,077	466	415	5,958	Ft
734E0325	Surfacing Roughening	0.9	-	-	0.9	Acre
734E0602	Low Flow Silt Fence	29,646	2,336	1,412	33,394	Ft
734E0604	High Flow Silt Fence	1,680	500	60	2,240	Ft
734E0610	Mucking Silt Fence	2,209	197	102	2,508	CuYd
734E0620	Repair Silt Fence	7,831	709	368	8,908	Ft
734E0680	Flocculent Housing Unit	2	-	-	2	Each
734E0683	500K Gallon Treatment Flocculent Bag	2	-	-	2	Each
734E0845	Sediment Control at Inlet with Frame and Grate	168	11	8	187	Each
734E0847	Sediment Control at Type S Reinforced Concrete Drop Inlet	-	84	-	84	Ft
734E5000	Dewatering	80	40	-	120	Hour
734E5010	Sweeping	80	40	20	140	Hour
900E1310	Concrete Washout Facility	1	1	1	3	Each
900E1320	Construction Entrance	8	2	2	12	Each

REV DATE: 8-17-2026
INITIAL: JHU

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(107)411 P 1441(00) & P 1432(00)	A3	A10

Section E – Structures

12'x10' RCBC, 12'x5' RCBC (Precast), 12'x8' RCBC Repairs, JB #4, and JB #5						
Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
420E0200	Structure Excavation, Box Culvert	282	-	-	282	CuYd
421E0200	Box Culvert Undercut	933	-	-	933	CuYd
430E0700	Precast Concrete Headwall for Drain	2	-	-	2	Each
460E0120	Class A45 Concrete, Box Culvert	354.2	-	-	354.2	CuYd
460E0204	Anti-Graffiti Coating	16,619.0	-	-	16,619.0	SqFt
460E0210	Concrete Surface Preparation	1,078.3	-	-	1,078.3	SqYd
462E0100	Class M6 Concrete	17.6	-	-	17.6	CuYd
480E0100	Reinforcing Steel	69,936	-	-	69,936	Lb
560E0182	12'x5' Precast Concrete Box Culvert, Furnish	356.0	-	-	356.0	Ft
560E0183	12'x5' Precast Concrete Box Culvert, Install	356.0	-	-	356.0	Ft
560E1182	12'x5' Precast Concrete Box Culvert End Section, Furnish	2	-	-	2	Ea
560E1183	12'x5' Precast Concrete Box Culvert End Section, Install	2	-	-	2	Ea
621E0240	Special 4' Chain Link Fence	200	-	-	200	Ft
680E0040	4" Underdrain Pipe	1,795	-	-	1,795	Ft
680E2500	Porous Backfill	1,848.5	-	-	1,848.5	Ton
700E0210	Class B Riprap	28.0	-	-	28.0	Ton
831E0110	Type B Drainage Fabric	36	-	-	36	SqYd
831E0300	Reinforcement Fabric (MSE)	739	-	-	739	SqYd

Str. No. 42-134-014 (5-10x5 RCBC Veterans)						
Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
420E0200	Structure Excavation, Box Culvert	600	-	-	600	CuYd
421E0200	Box Culvert Undercut	1,241	-	-	1,241	CuYd
460E0120	Class A45 Concrete, Box Culvert	1,322.8	-	-	1,322.8	CuYd
480E0100	Reinforcing Steel	209,631	-	-	209,631	Lb
621E0240	Special 4' Chain Link Fence	133	-	-	133	Ft
700E0210	Class B Riprap	94.2	-	-	94.2	Ton
831E0110	Type B Drainage Fabric	105	-	-	105	SqYd
831E0300	Reinforcement Fabric (MSE)	1,853	-	-	1,853	SqYd

Str. No. 42-137-009 (4-10x5 RCBC Veterans)						
Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
420E0200	Structure Excavation, Box Culvert	292	-	-	292	CuYd
421E0200	Box Culvert Undercut	787	-	-	787	CuYd
460E0120	Class A45 Concrete, Box Culvert	678.2	-	-	678.2	CuYd
480E0100	Reinforcing Steel	102,119	-	-	102,119	Lb
621E0240	Special 4' Chain Link Fence	118	-	-	118	Ft
700E0210	Class B Riprap	77.7	-	-	77.7	Ton
831E0110	Type B Drainage Fabric	88	-	-	88	SqYd
831E0300	Reinforcement Fabric (MSE)	1,157	-	-	1,157	SqYd

Section E – Structures

Str. No. 42-139-004 (2-12x5 RCBC Veterans)						
Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
420E0200	Structure Excavation, Box Culvert	228	-	-	228	CuYd
421E0200	Box Culvert Undercut	548	-	-	548	CuYd
460E0120	Class A45 Concrete, Box Culvert	495.6	-	-	495.6	CuYd
480E0100	Reinforcing Steel	109,951	-	-	109,951	Lb
621E0240	Special 4' Chain Link Fence	78	-	-	78	Ft
700E0210	Class B Riprap	51.0	-	-	51.0	Ton
831E0110	Type B Drainage Fabric	60	-	-	60	SqYd

Str. No. 42-138-011 (5-10x5 RCBC SD 11)						
Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
420E0200	Structure Excavation, Box Culvert	329	-	-	329	CuYd
421E0200	Box Culvert Undercut	868	-	-	868	CuYd
460E0120	Class A45 Concrete, Box Culvert	728.8	-	-	728.8	CuYd
480E0100	Reinforcing Steel	114,165	-	-	114,165	Lb
621E0240	Special 4' Chain Link Fence	134	-	-	134	Ft
700E0210	Class B Riprap	94.2	-	-	94.2	Ton
831E0110	Type B Drainage Fabric	105	-	-	105	SqYd
831E0300	Reinforcement Fabric (MSE)	1279	-	-	1279	SqYd

Section F – Surfacing

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
120E6200	Water for Granular Material	923.3	221.1	38.5	1,182.9	MGal
260E1010	Base Course	14,133.0	16,585.0	213.0	30,931.0	Ton
260E2010	Gravel Cushion	58,439.7	440.0	2,851.0	61,730.7	Ton
260E3010	Gravel Surfacing	1,537.0	1,041.0	-	2,578.0	Ton
320E0008	PG 64-34 Asphalt Binder	111.8	222.4	-	334.2	Ton
320E1060	Class G Asphalt Concrete	1,995.6	3,972.1	-	5,967.7	Ton
320E1200	Asphalt Concrete Composite	3,066.7	-	-	3,066.7	Ton
320E3000	Compaction Sample	9	9	-	18.0	Each
320E4000	Hydrated Lime	20.0	39.7	-	59.7	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	6.8	6.1	-	12.9	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	1.3	2.5	-	3.8	Ton
330E2000	Sand for Flush Seal	24.0	47.7	-	71.7	Ton
380E0070	9" Nonreinforced PCC Pavement	-	-	6,502.5	6,502.5	SqYd
380E0090	10" Nonreinforced PCC Pavement	122,156.2	-	-	122,156.2	SqYd
380E1070	10" Miscellaneous PCC Pavement	941.4	-	-	941.4	SqYd
380E6000	Dowel Bar	74,759	-	3,980	78,739.0	Each
380E6110	Insert Steel Bar in PCC Pavement	1,477	-	60	1,537.0	Each
831E0200	Woven Separator Fabric	-	16,420	-	16,420.0	SqYd

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(107)411 P 1441(00) & P 1432(00)	A4	A10

Section L – Traffic Signals

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
110E1530	Remove Signal Pole Footing	4	-	-	4	Each
110E5110	Salvage Signal Equipment	Lump Sum	-	-	Lump Sum	LS
635E2000	Pedestal Signal Pole	2	-	-	2	Each
635E2155	Signal Pole with 55' Mast Arm and Luminaire Arm	1	-	-	1	Each
635E2165	Signal Pole with 65' Mast Arm and Luminaire Arm	1	-	-	1	Each
635E2170	Signal Pole with 70' Mast Arm and Luminaire Arm	1	-	-	1	Each
635E2175	Signal Pole with 75' Mast Arm and Luminaire Arm	4	-	-	4	Each
635E2185	Signal Pole with 85' Mast Arm and Luminaire Arm	1	-	-	1	Each
635E4030	3 Section Vehicle Signal Head	37	-	-	37	Each
635E4040	4 Section Vehicle Signal Head	4	-	-	4	Each
635E4080	3 Section Directional Vehicle Signal Head	18	-	-	18	Each
635E5020	2' Diameter Footing	12.0	-	-	12.0	Ft
635E5035	3.5' Diameter Footing	120.0	-	-	120.0	Ft
635E5310	Special Electrical Junction Box	64	16	2	82	Each
635E5430	Traffic Signal Controller	2	-	-	2	Each
635E5450	Side Mounted Cabinet	4	-	-	4	Each
635E5515	Battery Backup System for Traffic Signal	2	-	-	2	Each
635E5520	Video Detection System	2	-	-	2	Each
635E5560	Emergency Vehicle Preemption Unit	2	-	-	2	Each
635E5570	Optical Detector	8	-	-	8	Each
635E5880	Accessible Pedestrian Signal	16	-	-	16	Each
635E5910	Pedestrian Push Button Pole	16	-	-	16	Each
635E5922	Pedestrian Signal Head with Countdown Timer	16	-	-	16	Each
635E5930	Pedestrian Crossing Sign	16	-	-	16	Each
635E6500	* Furnish Signal Pole with Mast Arm	2	-	-	2	Each
635E8110	1" Rigid Conduit, Schedule 40	490	45	-	535	Ft
635E8120	2" Rigid Conduit, Schedule 40	295	75	-	370	Ft
635E8140	4" Rigid Conduit, Schedule 40	350	-	-	350	Ft
635E8230	3" Rigid Conduit, Schedule 80	3,425	780	-	4,205	Ft
635E8410	1/2" Innerduct, SDR 13.5	3,635	-	-	3,635	Ft
635E8415	1" Innerduct, SDR 13.5	33,750	4,110	1,140	39,000	Ft
635E8420	1.5" Innerduct, SDR 13.5	290	50	-	340	Ft
635E9016	1/C #6 AWG Copper Wire	240	-	-	240	Ft
635E9022	1/C #12 AWG Copper Wire	26,515	4,750	955	32,220	Ft
635E9302	2/C #14 AWG IMSA Copper Cable, K1	500	-	-	500	Ft
635E9303	3/C #14 AWG IMSA Copper Cable, K1	240	-	-	240	Ft
635E9305	5/C #14 AWG IMSA Copper Cable, K1	3,370	-	-	3,370	Ft
635E9307	7/C #14 AWG IMSA Copper Cable, K1	210	-	-	210	Ft
635E9312	12/C #14 AWG IMSA Copper Cable, K1	590	-	-	590	Ft
635E9325	25/C #14 AWG IMSA Copper Cable, K1	2,350	-	-	2,350	Ft
635E9800	Preemption Cable	6,120	-	-	6,120	Ft
635E9924	24 Strand Fiber Optic Cable	18,550	-	-	18,550	Ft
635E9950	Install Fiber Optic Cable	-	-	1,100	1,100	Ft
* - Denotes Non-Participating						

LIGHTING

LIGHTING						
Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
110E1540	Remove Luminaire Pole Footing	16	-	4	20	Each
110E5100	Salvage Luminaire Pole	16	-	4	20	Each
635E0040	Breakaway Base Luminaire Pole with Arm, 40' Mounting Height	6	-	-	6	Each
635E0050	Breakaway Base Luminaire Pole with Arm, 50' Mounting Height	76	-	-	76	Each
635E0140	Breakaway Base Luminaire Pole with Twin Arms, 40' Mounting Height	17	8	5	30	Each
635E0150	Breakaway Base Luminaire Pole with Twin Arms, 50' Mounting Height	3	-	-	3	Each
635E3585	Tunnel Luminaire, LED	38	-	-	38	Each
635E3700	Roadway Luminaire, LED with Photoelectric Cell	130	16	10	156	Each
635E5020	2' Diameter Footing	813.0	64.0	40.0	917.0	Ft
635E5310	Special Electrical Junction Box	31	2	-	33	Each
635E5400	Electrical Service Cabinet	8	-	-	8	Each
635E5420	Circuit Control Center	2	-	-	2	Each
635E6200	Miscellaneous, Electrical	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
635E7899	Locator Ball	-	1	-	1	Each
635E8008	0.75" Rigid Galvanized Steel Conduit	285	-	-	285	Ft
635E8120	2" Rigid Conduit, Schedule 40	28,485	1,750	725	30,960	Ft
635E8220	2" Rigid Conduit, Schedule 80	4,600	230	-	4,830	Ft
635E8830	2/2/2/4 Aluminum Wire	34,325	1,740	925	36,990	Ft
635E8900	3/C #0000 AWG Aluminum Wire	1,605	-	-	1,605	Ft
635E9014	1/C #4 AWG Copper Wire	2,170	-	-	2,170	Ft
635E9016	1/C #6 AWG Copper Wire	-	750	-	750	Ft
635E9020	1/C #10 AWG Copper Wire	1,065	-	-	1,065	Ft
635E9024	1/C #14 AWG Copper Wire	320	125	-	445	Ft
635E9720	12/2 UF-B Copper Pole and Bracket Cable	8,190	880	550	9,620	Ft

REV. DATE: 5-28-2026
INITIAL: JHU

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(107)411 P 1441(00) & P 1432(00)	A5	A10

Section M – Pavement Markings

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
633E0010	Cold Applied Plastic Pavement Marking, 4"	7,570	5,108	350	13,028	Ft
633E0019	Cold Applied Plastic Pavement Marking, 4" with Contrast Border	21,924	2,993	2,272	27,189	Ft
633E0020	Cold Applied Plastic Pavement Marking, 8"	747	-	-	747	Ft
633E0030	Cold Applied Plastic Pavement Marking, 24"	320	148	-	468	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	93	14	11	118	Each
633E0211	Preformed Thermoplastic Pavement Marking, 4" with Contrast Border	214	-	-	214	Ft
633E0225	Preformed Thermoplastic Pavement Marking, 24"	2,282	-	60	2,342	Ft
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	7,570	5,108	350	13,028	Ft
633E5004	Grooving for Cold Applied Plastic Pavement Marking, 4" with Contrast Border	21,924	2,993	2,272	27,189	Ft
633E5005	Grooving for Cold Applied Plastic Pavement Marking, 8"	747	-	-	747	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	320	148	-	468	Ft
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	93	14	11	118	Each

Section S – Permanent Signing

Bid Item Number	Item	Quantity				Unit
		PCN 01VA Veterans	PCN 08DJ 69th Street	PCN 08DK 57th Street	Total	
110E0100	Remove Concrete Footing(s)	Lump Sum	-	-	Lump Sum	LS
110E0135	Remove Delineator	13	-	-	13	Each
110E5020	Salvage Traffic Sign	55	1	6	62	Each
110E7150	Remove Sign for Reset	3	-	1	4	Each
632E1320	2.0"x2.0" Perforated Tube Post	494.5	93.4	31.8	619.7	Ft
632E2020	4"x4" White Delineator with 1.12 Lb/Ft Post	5	5	-	10	Each
632E2024	4"x8" White Delineator with 1.12 Lb/Ft Post	5	5	-	10	Each
632E2028	4" Tubular White Delineator with 1.12 Lb/Ft Post	12	-	-	12	Ft
632E2510	Type 2 Object Marker Back to Back	67	7	2	76	Each
632E2535	Type 4 Object Marker	8	4	-	12	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	258.9	30.0	10.0	298.9	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	272.5	28.3	-	300.8	SqFt
632E3500	Reset Sign	3	-	1	4	Each

ENVIRONMENTAL COMMITMENTS

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

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

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

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

COMMITMENT A: AQUATIC RESOURCES

COMMITMENT A1: WETLANDS

All efforts to avoid and minimize wetland impacts from the project have resulted in approximately 21.24 acres of wetlands (includes temporary and permanent) becoming impacted. Refer to Section D – Erosion Control Plans for location and boundaries of the impacted wetlands.

Table of Impacted Wetlands (Veterans Parkway)

Wetland No.	Station	Permanent Impact (Acres)	Temp. Impact (Acres)	Total Impact (Acres)
30	430+00 to 432+50 (L)	0.34	0.16	0.5
31	436+00 to 439+00 (L/R)	0.54	0.09	0.63
33	444+50 to 447+00 (L/R)	0.95	0.04	0.99
34a	448+00 to 449+00 (R)	-	0.01	0.01
35	457+50 to 460+50 (L/R)	0.63	0.11	0.74
36a	1142+00 to 1146+00 (L/R)	0.60	0.21	0.81
36b	1141+00 to 1142+00 (L/R)	0.17	0.05	0.22
36c	1138+50 to 1141+00 (L/R)	1.04	0.23	1.27

Wetland No.	Station	Permanent Impact (Acres)	Temp. Impact (Acres)	Total Impact (Acres)
36d	477+00 to 489+00 (L/R)	1.83	0.34	2.17
36e	477+00 to 483+00 (L)	0.12	0.06	0.18
37a	913+00 to 918+00 (R)	0.13	0.14	0.27
37b	911+00 to 912+00 (R)	-	0.01	0.01
38a	913+00 to 918+00 (L)	0.17	0.24	0.41
38b	911+00 to 912+50 (L/R)	0.04	0.04	0.08
38c	907+00 to 911+00 (L/R)	1.00	0.21	1.21
38d	1149+00 to 1151+00 (R)	0.12	0.03	0.15
38e	1151+00 to 1155+50 (L/R)	2.66	0.17	2.83
38f	1156+00 to 1163+00 (L/R)	0.29	0.06	0.35
38g	1163+50 to 1168+50 (L)	0.48	0.10	0.58
39a	1160+00 to 1164+00 (R)	0.11	0.06	0.17
39b	1164+00 to 1166+00 (R)	0.24	0.04	0.28
39c	1168+00 to 1170 (R)	0.03	0.05	0.08
41	497+50 to 499+00 (L)	0.14	0.12	0.26
42a	514+00 to 518+00 (R)	0.03	0.26	0.29
42b	68+00 to 69+00 (L)	0.04	0.04	0.08
42c	508+00 to 513+00 (R)	0.09	0.75	0.84
43a	504+00 to 519+00 (L/R)	1.78	2.14	3.92
43b	520+00 to 524+00 (L/R)	1.44	0.24	1.68
43c	522+50 to 523+50 (L)	-	0.04	0.04
44	525+50 to 526+00 (R)	0.04	-	0.04
45	528+00 to 529+00 (L)	0.01	-	0.01
46	533+00 to 535+00 (L)	0.12	0.02	0.14
Totals		15.18	6.06	21.24

Table of Impacted Wetlands (69th Street – West of Veterans Parkway)

Wetland No.	Station	Permanent Impact (Acres)	Temp. Impact (Acres)	Total Impact (Acres)
8-1b	1113+00 to 1115+00 (R)	-	0.06	0.06
8-1c	1113+50 to 1116+00 (L)	0.02	0.03	0.05
8-2	1121+00 to 1122+00 (L)	0.11	-	0.11
Totals		0.13	0.09	0.22

Action Taken/Required:

SDDOT will acquire credits from a wetland mitigation bank site or In-Lieu Fee program within the lower Big Sioux River Geographic Service Area 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.

COMMITMENT A2: STREAMS

All efforts to avoid and minimize stream impacts from the project have resulted in approximately 0.39 acre(s) of stream (includes temporary and permanent) becoming impacted. Refer to Section B – Grading Plans/the plans for location and boundaries of the impacted streams.

Table of Impacted Streams

Stream Name	Station	Permanent Impact (Acres)	Temporary Impact (Acres)	Total Impact (Acres)
Intermittent Stream 2	448+00 to 448+50 (L/R)	0.20	0.01	0.21
Intermittent Stream 3	1140+50 to 1141+00 (L/R) 484+50 to 485+00 (L/R)	0.17	0.01	0.18
Totals		0.37	0.02	0.39

Action Taken/Required:

SDDOT will acquire credits from a wetland mitigation bank site or In-Lieu Fee program within the lower Big Sioux River Geographic Service Area to mitigate permanent impacts.

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 B5: NORTHERN LONG-EARED AND TRI-COLORED BAT

This project is within the range of suitable habitat for the Northern Long-Eared Bat (NLEB) and/ or the Tri-Colored Bat (TCB) and project work will avoid conflicts with NLEB and/or TCB roosting habitat.

Action Taken/Required:

Project activities that include tree removal, structure work, and/or work within one-quarter mile of a known hibernacula or 150 feet of a known maternity roost tree, or suitable habitat should not occur within the location(s) listed below during the NLEB and/or TCB seasonal work restriction timeframe without approval from the SDDOT Environmental Office.

Station	NLEB Seasonal Work Restriction
434+00 (R)	April 15 to October 31
473+00 to 486+00 (L/R)	
492+00 (L/R)	
518+00 to 520+00 (L/R)	

Tree removal will occur between November 1st and April 14, outside the NLEB summer roosting season. For the purposes of this note, a tree is defined as a live, dying, or dead woody plant, with a trunk three inches or greater in diameter at a height of 4.5 feet about the ground surface, and with a minimum height of 13 feet.

The following avoidance, minimization, and mitigation measures are required:

General AMM 1. All operators, employees, and contractors working in areas of known or presumed bat habitat will be made aware of all environmental commitments as they relate to the northern long-eared bat.

Lighting AMM 1. Temporary lighting will be directed away from suitable habitat during the active season.

Lighting AMM 2. When installing new or replacing existing permanent lights, downward-facing, full cut-off lens lights (with same intensity or less for replacement lighting) will be used.

If project activities cannot be conducted outside of the seasonal restriction the Contractor will notify the Project Engineer and the Environmental Office (605-773-3309) to schedule a presence/absence survey.

If bats are observed roosting on trees or infrastructure within the project area prior to and/or during construction, the contractor will halt all on-site activities. The contractor will notify the Project Engineer and the Environmental Office (605-773- 3309 or 605-773-5679) of the observed bat presence.

COMMITMENT B6: MIGRATORY BIRDS WORK RESTRICTION

Migratory birds are known to use the project area for nesting, which primarily occurs from April 1st to July 15th.

Action Taken/Required:

The Contractor is responsible for contracting the services of a qualified biologist for conducting preconstruction migratory bird surveys in suitable areas that have not been mowed or cleared before April 1st to determine if there are current nests and to determine offsetting measures to compensate for impacts to migratory birds. Contractor will coordinate the survey findings with the Project Engineer. If any nests are found, appropriate minimization measures will need to be developed in cooperation with the Environmental Office.

Construction activities should not occur in the locations listed in the table below during the migratory bird work restriction without prior approval from the SDDOT Environmental Office to avoid conflicts with nesting migratory birds.

Station	Migratory Bird Restriction
434+00 (R) 446+00 to 448+00 (L/R) 456+00 to 462+00 (L/R) 473+00 to 488+00 (L/R) 492+00 to 519+00 (L/R) 492+00 to 519+00 (L/R)	April 1 to July 15

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.

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

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

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

Additional information and mapping of water sources impacted by Aquatic Invasive Species in South Dakota can be accessed at: < <https://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

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

Action Taken/Required:

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

COMMITMENT D2: SURFACE WATER DISCHARGE

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

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

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

COMMITMENT D2: SURFACE WATER DISCHARGE (CONTINUED)

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> >

COMMITMENT G: DEWATERING AND SEDIMENT COLLECTION

The purpose of a dewatering and sediment collection system is to collect turbid stormwater on the project, treat it with flocculants as needed, and capture the sediment that falls out of suspension before the water is discharged into “Waters of the US” or “Waters of the State”. Refer to Commitment D1: Surface Water Quality for stream classification.

Action Taken/Required:

The Contractor will meet the terms of the Temporary Discharge Permit and the Storm Water Permit for Construction Activities.

The Contractor will create a Pollution Prevention Plan (PPP) for dewatering and sediment collection if the Contractor chooses to discharge the water into “Waters of the US” or “Waters of the State”. Refer to the detail sheet OPTIONS FOR DEWATERING AND SEDIMENT COLLECTION in the plans. The PPP must be kept on-site and updated as site conditions change.

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor shall 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: HISTORICAL 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.

Description	Station	L / R
Borrow Pit No. 5 (69 th St)	462+00 to 471+00	R/L
Borrow Pit No. 8 (Jamison)	515+00	R

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 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 7.18 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 structure 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 Stations noted in the following table, the temporary crossing will need to be designed so it will not increase the Q₁₀₀ water surface elevation. The Contractor will submit the proposed temporary crossing geometric layout and structure size 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
448+00	Unnamed Tributary	1,418
480+00	Unnamed Tributary	1,420
1041+00 (Proposed SD11)	Unnamed Tributary	1,420

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 K3: CITY OF SIOUX FALLS SOUND LEVEL PERMIT

The City of Sioux Falls City ordinance requires amplified sound permits for sound variations over a certain decibel level.

Action Taken/Required:

The Contractor will apply for a sound level permit for construction activities within the boundary of the City of Sioux Falls when construction activities will produce amplified or elevated sound levels (e.g. pile driving). The Contractor will provide the approved permit to the Project Engineer prior to scheduling the preconstruction meeting.
<https://www.siouxfalls.gov/files/assets/public/v/1/parks-and-recreation/special-events/3y18008_sound_permit_app_20.pdf>

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

COMMITMENT M1: SECTION 4(f) PROPERTY

Table of Adjacent Section 4(f) Property

Station (57 th St)	Section 4(f) Property
70+00 to 71+00 R	Site 36LN0136 (Environmental Sensitive Site - ESS-1)

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.

A Section 4(f) Evaluation concluded there are no feasible and prudent alternatives to avoiding this Section 4(f) property located within the project:

Station	L/R	Section 4(f) Property
520 to 540	L	Harmodon Park Entrance Road and Trail

Action Taken/Required:

The Harmodon Park Entrance Road and trail will be closed temporarily to repair a pedestrian underpass box culvert. The Special Provision for Contract time includes a requirement prohibiting the closure of Harmodon Park Road and trail during the baseball/softball seasons to avoid peak-use disruption. During construction, access to Harmodon Park will be maintained via a signed detour directing users to the north entrance off 41st Street. Section C plans include the detour plans for the road and trail closures. The timeframe of the closures and the detours have been coordinated with the City of Sioux Falls.

The Contractor shall closely coordinate the construction schedule with the SDDOT Project Engineer and the City of Sioux Falls Parks and Recreation Department Parks Superintendent before and throughout construction activities to verify dates that would avoid peak-use disruptions.

SDDOT Project Engineer
Brad Tiede
605.367.5680
Bradley.Tiede@state.sd.us

City of Sioux Falls Parks Superintendent
Clint Metz
605.496.3413(Direct)
605.367.8222 (Parks and Recreation Department)
clint.metz@siouxfalls.gov

The staging and/or storage of construction equipment/materials shall not take place outside proposed construction limits within Harmodon Park.

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 O: SECTION 401 WATER QUALITY CERTIFICATION

The SDDOT has obtained a Clean Water Act Section 401 Water Quality Certification from the Environmental Protection Agency (EPA) regarding an US Army Corp of Engineers CWA Section 404 Permit for the actions associated with this project.

Action Taken/Required:

The Contractor will comply with all requirements contained in the Section 401 certification. A copy of the EPA CWA 401 Certification must be retained on-site.

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/Archaeological Sites

Station (57 th St)	L/R	Environmental Sensitive Site	Action
70+00 to 71+00	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:

ESS-1 has been clearly demarcated within the grading plans and should be avoided during construction.

The Contractor will notify the Project Engineer if additional temporary or permanent easement is necessary to construct the project. The Project Engineer will notify the Environmental Office as Section 106 Consultation must be completed prior to working in areas beyond temporary construction easements.

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) 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.

COMMITMENT T1: LINED SNAKE

Lined snakes were noted to have potential habitat in the study area and SDGFP recommended that visual surveys for lined snakes occur prior to work in lined snake habitat (e.g., dry grassland areas) from April to October.

Action Taken/Required:

The Contractor will notify the Project Engineer and SDDOT Environmental Office at a minimum of one week prior to completing the initial earth disturbing groundwork from Station 470+00 to 485+00. The SDDOT Environmental Office will arrange personnel that are qualified to handle State Endangered Species to conduct a visual survey for the presence of lined snakes and remove/relocate any lined snakes that are discovered during the survey. The survey is expected to take one day or less. If lined snake(s) are identified at any point during construction, the Contractor should contact the SDDOT Environmental Office to confirm the identification and document the relocation of the snake(s) to suitable habitat outside the project area.