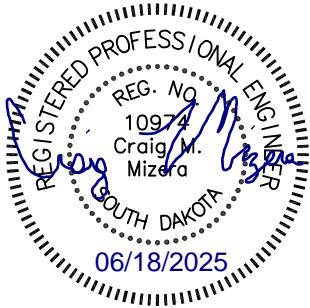
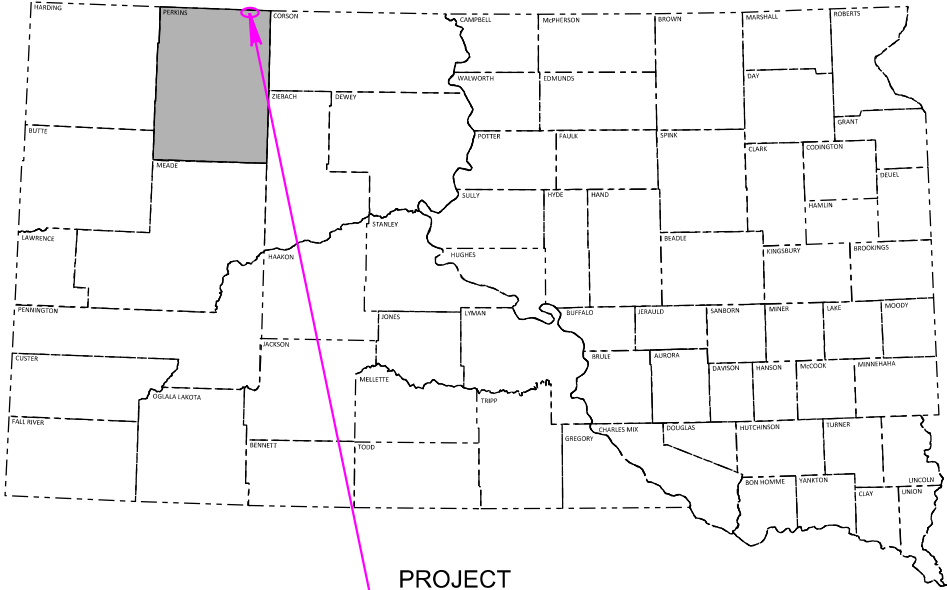


1:20
Plot Scale -
CBOBZIEN
Plotted From -



DESIGN DESIGNATION

ADT (2022)	400
ADT (2042)	560
DHV	60
D	50%
DHV T%	35%
AADT T%	28%
V	20 mph

STORM WATER PERMIT

Major Receiving
Body of Water: Tributary to Plum Creek (ND)
Area Disturbed: 1.86 Acres
Total Project Area: 2.12 Acres
Approx. Begin Lat,Long: 45.9430, -102.1579



STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

PROJECT P 6542(04)
1st Avenue E and 1st Street E
PERKINS COUNTY, SD AND ADAMS COUNTY, ND
GRADING, CURB AND GUTTER, PERMANENT SIGNING,
STORM SEWER, AND SURFACING
PCN 09V7

BEGIN P 6542(04)
BEGIN GRADING

1st Street East
Station 80+00.00
located 53.58 feet West and 109.94 feet South
of the Northwest Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

BEGIN GRADING

Storm Sewer Crossing
Station 200+00.00
Station 200+00.00 = Station 83+84.60
located 82.9 feet West and 13.45 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

BEGIN GRADING

2nd Street East
Station 43+00.00
located 173.8 feet West and 332.9 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

END GRADING

1st Avenue East
Station 104+00.00
located 80.5 feet West and 64.52 feet North
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

END GRADING

Storm Sewer Crossing
Station 207+20.49
located 79.3 feet East and 90.95 feet North
of the Northeast Corner of Section 20 -
Township 23 North - Range 16 East of
the B.H.M.

END P 6542(04)
END GRADING

1st Street East
Station 84+82.00
located 13.6 feet East and 29.57 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

END GRADING

2nd Street East
Station 45+00.00
located 23.1 feet East and 338.8 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

BEGIN GRADING

1st Avenue East
Station 99+00.00
located 93.8 feet West and 435.5 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

1st Street East Gross Length	482 Feet	0.091 Miles
1st Avenue East Gross Length	500 Feet	0.095 Miles
2nd Street East Gross Length	200 Feet	0.038 Miles
Total Net Length	1182 Feet	0.224 Miles

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6542(04)	1	135

Plotting Date: 06-18-2025

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
Section F:	Surfacing Plans
Section S:	Permanent Signing Plans
Section X:	Cross Sections
Section Z:	Pipe Sections

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

Revised 07/10/2025
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6542(04)	A2	A6

Section B - Grading

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	0.334	Mile
009E3250	Miscellaneous Staking	0.300	Mile
009E3301	Engineer Directed Surveying/Staking	174.0	Hour
110E0300	Remove Concrete Curb and/or Gutter	919	Ft
110E0400	Remove Drop Inlet	7	Each
110E0460	Remove Manhole	2	Each
110E0480	Remove Manhole Frame and Lid	2	Each
* 110E0520	Remove Sewer Pipe	298	Ft
110E0530	Remove Storm Sewer Pipe	750	Ft
110E1010	Remove Asphalt Concrete Pavement	4,185.0	SqYd
110E1100	Remove Concrete Pavement	36.4	SqYd
110E1130	Remove Concrete Driveway Pavement	162.0	SqYd
110E1140	Remove Concrete Sidewalk	219.0	SqYd
110E5800	Salvage Fence	202	Ft
120E0010	Unclassified Excavation	2,542	CuYd
120E2000	Undercutting	1,104	CuYd
120E6100	Water for Embankment	15.0	MGal
250E0020	Incidental Work, Grading	Lump Sum	LS
380E4010	6" PCC Fillet Section	155.9	SqYd
450E7666	66" Steel Pipe, Furnish	180	Ft
* 451E1004	4" PVC Sewer Pipe	146	Ft
451E5166	Bore and Jack 66" Pipe	180	Ft
* 451E6080	Adjust Water Valve Box	7	Each
* 451E6102	Water Main Lowering	5	Each
* 451E6105	Connect To Existing Water Main	10	Each
* 451E7005	Adjust Sewer Service	1	Each
* 451E7010	Reconnect Sewer Service	3	Each
* 451E7016	Connect to Existing Sewer Main	1	Each
451E7500	Locate Utilities	2	Each
462E0250	Cellular Grout	130.6	CuYd
600E0200	Type II Field Laboratory	1	Each
620E3000	Install Fence	71	Ft
650E0060	Type B66 Concrete Curb and Gutter	1,126	Ft
650E4660	Type P6 Concrete Gutter	192	Ft
650E6260	6" Concrete Valley Gutter	13.0	SqYd
670E1010	2' x 3' Type B Drop Inlet	12	Each
670E1030	5.5' x 3' Type B Drop Inlet	2	Each
670E1200	Type B Frame and Grate	16	Each
671E0550	Special Manhole	2	Each
671E1072	72" Manhole	4	Each
671E1096	96" Manhole	5	Each
671E1120	120" Manhole	1	Each

* - Denotes Non-Participating

Section B – Grading Continued

671E6007	Type A7 Manhole Frame and Lid	11	Each
671E7000	Reset Manhole Frame and Lid	2	Each
671E7010	Adjust Manhole	2	Each
998E0100	Railroad Protective Insurance	Lump Sum	LS

Section B - Grading - PCN 09V7 Storm Sewer Material - Alternate A - RCP

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
450E0112	15" RCP Class 2, Furnish	226	Ft
450E0120	15" RCP, Install	226	Ft
450E0122	18" RCP Class 2, Furnish	26	Ft
450E0130	18" RCP, Install	26	Ft
450E0182	36" RCP Class 2, Furnish	46	Ft
450E0190	36" RCP, Install	46	Ft
450E0202	48" RCP Class 2, Furnish	448	Ft
450E0210	48" RCP, Install	448	Ft
450E0222	60" RCP Class 2, Furnish	682	Ft
450E0230	60" RCP, Install	682	Ft
450E2044	60" RCP Flared End, Furnish	1	Each
450E2045	60" RCP Flared End, Install	1	Each

Section B - Grading - PCN 09V7 Storm Sewer Material - Alternate B - HDPE

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
450E5239	60" CMP Flared End, Furnish	1	Each
450E5240	60" CMP Flared End, Install	1	Each
450E7009	15" High Density Polyethylene Pipe, Furnish	226	Ft
450E7010	15" High Density Polyethylene Pipe, Install	226	Ft
450E7019	18" High Density Polyethylene Pipe, Furnish	26	Ft
450E7020	18" High Density Polyethylene Pipe, Install	26	Ft
450E7049	36" High Density Polyethylene Pipe, Furnish	46	Ft
450E7050	36" High Density Polyethylene Pipe, Install	46	Ft
450E7069	48" High Density Polyethylene Pipe, Furnish	158	Ft
450E7070	48" High Density Polyethylene Pipe, Install	158	Ft
450E7089	60" High Density Polyethylene Pipe, Furnish	974	Ft
450E7090	60" High Density Polyethylene Pipe, Install	974	Ft

Section C - Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
260E3500	Temporary Gravel Surfacing	175.0	Ton
634E0010	Flagging	175.0	Hour
634E0110	Traffic Control Signs	282.4	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	20	Each
634E1002	Detour and Restriction Signing	244.0	SqFt

Section D - Erosion and Sediment Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1690	Remove Sediment	5.0	CuYd
110E1693	Remove Erosion Control Wattle	300	Ft
110E1695	Remove Sediment Filter Bag	840	Ft
110E1700	Remove Silt Fence	630	Ft
120E6000	Water for Dust Control	55.0	MGal
120E6300	Water for Vegetation	152.0	MGal
230E0010	Placing Topsoil	222	CuYd
230E0020	Contractor Furnished Topsoil	41	CuYd
700E0210	Class B Riprap	41.0	Ton
730E0100	Cover Crop Seeding	2.0	Bu
730E0200	Type A Permanent Seed Mixture	50	Lb
730E0206	Type D Permanent Seed Mixture	100	Lb
731E0100	Fertilizing	532	Lb
732E0100	Mulching	3.0	Ton
732E0250	Fiber Mulching	527	Lb
734E0154	12" Diameter Erosion Control Wattle	1,214	Ft
734E0165	Remove and Reset Erosion Control Wattle	304	Ft
734E0180	Sediment Filter Bag	840	Ft
734E0604	High Flow Silt Fence	630	Ft
734E0610	Mucking Silt Fence	20	CuYd
734E0620	Repair Silt Fence	158	Ft
734E0845	Sediment Control at Inlet with Frame and Grate	29	Each
734E5010	Sweeping	20	Hour
831E0100	Type A Drainage Fabric	36	SqYd
900E1310	Concrete Washout Facility	1	Each
900E1320	Construction Entrance	2	Each

INDEX OF SHEETS

A2 and A3 Estimate of Quantities for Sections B, C, D, F, and S
A4 to A6 Environmental Commitments



Section F – Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3320	Checker	Lump Sum	LS
260E2010	Gravel Cushion	15.0	Ton
260E3010	Gravel Surfacing	670.2	Ton
380E3020	6" PCC Driveway Pavement	47.1	SqYd

Section F - Surfacing - PCN 09V7 Surfacing Material - Alternate A - Asphalt Concrete Composite

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
120E6200	Water for Granular Material	33.2	MGal
260E1010	Base Course	2,085.5	Ton
320E1200	Asphalt Concrete Composite	1,045.0	Ton
380E1000	6" Miscellaneous PCC Pavement	54.6	SqYd

Section F - Surfacing - PCN 09V7 Surfacing Material - Alternate B - Portland Cement Concrete

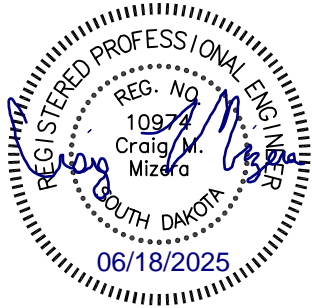
BID ITEM NUMBER	ITEM	QUANTITY	UNIT
120E6200	Water for Granular Material	33.2	MGal
260E2010	Gravel Cushion	2,096.9	Ton
380E0010	6" Nonreinforced PCC Pavement	3,131.8	SqYd
380E6000	Dowel Bar	4,682	Each

Section S - Permanent Signing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E7150	Remove Sign for Reset	4	Each
632E1320	2.0"x2.0" Perforated Tube Post	53.4	Ft
632E3500	Reset Sign	5	Each

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.



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 0.001 acres of wetlands becoming temporarily impacted. Refer to Section B – Grading Plans/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	260+00 to 260+50	0.00	0.00	0.00	0.001	0.001

Action Taken/Required:

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 7.21 D 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 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.

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 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 SDDANR using the following form:

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



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6542(04)	A5	A6

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.

The Contractor will also be responsible for reviewing, adding additional conditions to and completing any requirements to submit the Stormwater Construction NOI with North Dakota Department of Environmental Quality (ND DEQ) for stormwater coverage within the project bounds located on the North Dakota portion using the SWPPP sheets included in section D.

The form can be found at:
<
<https://deq.nd.gov/WQ/Forms.aspx>
or https://deq.nd.gov/WQ/2_NDPDES_Permits/7_Stormwater/StW.aspx

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

Storm Water Pollution Prevention Plan Continued

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> >

ND DEQ:
https://deq.nd.gov/WQ/2_NDPDES_Permits/7_Stormwater/StW.aspx

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 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

COMMITMENT H: WASTE DISPOSAL SITE CONTINUED

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.



**COMMITMENT I: HISTORIC PRESERVATION OFFICE CLEARANCES
CONTINUED**

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

A Section 4(f) property, railroad (historic property) was identified adjacent to the proposed work for the Project.

Station	Section 4(f) Property
201+00 to 203+00	ESS1 (Railroad)

Action Taken/Required:

The following measures are required to minimize harm to the above Section 4(f) property: (1) bore underneath the railroad, (2) avoid the area noted on B31 as avoidance area, and (3) avoid stockpiling and avoid construction impacts to the embankment of the railroad.

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
201+00 to 203+00	0	L/R	ESS1	Bore and Jack Underneath

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

