



Rapid City Region Design Office

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March 19, 2024

ADDENDUM NO. 2

RE: March 28, 2024 Rapid City Region Office Informal Letting
034-451, Meade County, PCN i7en
Pipe Repair on Hwy 34 east of Sturgis

TO WHOM IT MAY CONCERN:

The following addenda to the plans shall be inserted and made part of your proposal for the referenced project.

PROPOSAL:

- Replace DOT-123 with attached new DOT-123.

PLANS:

- Replace Sheets 2, 6 and 7 with the attached. The pipe located at 0+35 will be filled with Controlled Density Fill and the ends will be covered with topsoil. This culvert has collapsed and can't be lined.

Sincerely,

John Rehorst
Region Design Engineer

ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
110E0510	Remove Pipe End Section	6	Each
110E1693	Remove Erosion Control Wattle	100	Ft
230E0020	Contractor Furnished Topsoil	20	CuYd
450E5219	30" CMP Flared End, Furnish	4	Each
450E5220	30" CMP Flared End, Install	4	Each
450E8910	Cleanout for Culvert Treatment	2	Each
450E9526	30" Cured in Place Pipe	164	Ft
464E0100	Controlled Density Fill	10.0	CuYd
634E0010	Flagging	100.0	Hour
634E0110	Traffic Control Signs	137.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
734E0010	Erosion Control	Lump Sum	LS
734E0154	12" Diameter Erosion Control Wattle	100	Ft

SPECIFICATIONS

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

COMMITMENT B: FEDERALLY THREATENED, ENDANGERED, AND PROTECTED SPECIES

COMMITMENT B2: WHOOPING CRANE

The Whooping Crane is a spring and fall migratory bird in South Dakota that is about 5 feet tall and typically stops on wetlands, rivers, and agricultural lands along their migration route. An adult Whooping Crane is white with a red crown and a long, dark, pointed bill. Immature Whooping Cranes are cinnamon brown. While in flight, their long necks are kept straight and their long dark legs trail behind. Adult Whooping Cranes' black wing tips are visible during flight.

Action Taken/Required:

Harassment or other measures to cause the Whooping Crane to leave the site is a violation of the Endangered Species Act. If a Whooping Crane is sighted roosting in the vicinity of the project, borrow pits, or staging areas associated with the project, cease construction activities in the affected area until the Whooping Crane departs and immediately contact the Project Engineer. The Project Engineer will contact the Environmental Office so that the sighting can be reported to USFWS.

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 E: STORM WATER

Construction activities constitute less than 1 acre of disturbance.

Action Taken/Required:

At a minimum and regardless of project size, appropriate erosion and sediment control measures must be installed to control the discharge of pollutants from the construction site.

COORDINATION WITH OTHER PROJECTS

The pipe repair project NH-P 0041(169), PCN 06UR is scheduled for the construction season of 2024. The location of this project is SD34 from MRM 57.0+0.476 to 75.12+0.568. The Contractor on this project will coordinate with the Contractor on the pipe repair project, so that work activities do not conflict. The Contractor for the project is Simon Contractors, Inc., 605-394-3300. All costs associated with this coordination will be incidental to the various bid items on the project.

CORRUGATED METAL PIPE

Metal pipe end sections connected will be aluminum-coated (Type 2) in accordance with AASHTO M36 as specified in the Table of Pipe Quantities. All costs associated for gauge, coating, and connections will be incidental to the corresponding CMP End Section contract items.

CLEANOUT FOR CULVERT TREATEMENT

Cleanout of pipe culvert will be done in advance of the culvert linings.

Material in the existing pipe culverts will be cleaned out by water flushing or other approved methods. The west and middle pipes are partially to completely plugged with flowable fill. The flowable fill will need to be removed by some other method than water flushing. The Contractor will perform an onsite inspection prior to preparation of the bid to determine the cost associated with removal of the flowable fill. The middle pipe has flowable fill visible at the outlet end. Not all flowable fill will require removal in the middle pipe and removal will be as needed to maintain the circumference of the opening as it exists at the outlet of the pipe.

Material removed from the pipe culvert will become property of the Contractor for disposal.

The Contractor will implement appropriate sediment control measures prior to water flushing to prevent discharges from the project boundaries.

The pipe culvert will be cleaned to the satisfaction of the Engineer.

All costs to dewater, clean pipe, and dispose of removed materials will be incidental to the contract unit price per each for “Cleanout for Culvert Treatment”.

CURED-IN-PLACE PIPE (CIPP)

This work consists of rehabilitating existing drainage culverts by furnishing and installing Glass Reinforced thermosetting Plastic (GRP) Cured-in-Place Pipe (CIPP) liners using Ultraviolet (UV) cure methods. See Special Provision for specifications related to this work.

CONTROLLED DENSITY FILL FOR PIPE

Controlled density fill will be in conformance with Section 464 of the Specifications.

The controlled density fill will be placed in the west culvert and extend to the ends of the pipe.

TABLE OF PIPE QUANTITIES

Station	Remove Pipe End Section	Corrugated Metal #Circular Flared End 30"	Controlled Density Fill	CIPP Liner 30"	Cleanout for Culvert Treatment
	Each	Each	CuYd	Ft	Each
0+35	2		10		
0+42	2	2		82	1
0+48	2	2		82	1
TOTAL:	6	4	10	164	2

(#) Aluminum Coated (Type 2) in accordance with AASHTO M36. See notes for additional information.

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	034-451	Non	2/11

Revised 3/25/2024 NJF

Remove CMP Flared Ends
at the following locations:
0+36 L & R
0+42 L & R
0+48 L & R

0+36
Retain 30" CMP

0+36
Install Controlled Density Fill
in Existing 30" CMP (10 CuYd)

0+42
Install 30"-82' CIPP Liner
& 30" CMP Flared Ends L & R

0+48
Install 30"-82' CIPP Liner
& 30" CMP Flared Ends L & R



PROJECT	SECTION	SHEET
034-451	Non	6/11

Plotting Date: 03/25/2024 Revised 3/25/2024 NJF



Sec. 4 - T6N - R9E



Sec. 9 - T6N - R9E

