



Department of Transportation

Office of Project Development

700 E Broadway Avenue

Pierre, South Dakota 57501-2586 605/773-3268

FAX: 605/773-6608

May 15, 2014

ADDENDUM NO. 1

RE: Item #9, May 21, 2014 Letting - P 6427(04), PCN 02DL, Corson County - Grading and Gravel Surfacing

TO WHOM IT MAY CONCERN:

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

SPECIAL PROVISIONS: NO CHANGE

BID ITEM FILE: **Quantities for Bid Items were changed:**

Bid Item 450E4759 "18" CMP 16 Gauge, Furnish" changed from 434 to 372 Ft
Bid Item 450E4760 "18" CMP, Install" changed from 434 to 372 Ft
Bid Item 450E4769 "24" CMP 16 Gauge, Furnish" changed from 282 to 344 Ft
Bid Item 450E4770 "24" CMP, Install" changed from 282 to 344 Ft
Bid Item 450E5406 "18" CMP Safety End, Furnish" changed from 16 to 12 Each
Bid Item 450E5407 "18" CMP Safety End, Install" changed from 16 to 12 Each
Bid Item 450E5410 "24" CMP Safety End, Furnish" changed from 2 to 4 Each
Bid Item 450E5411 "24" CMP Safety End, Install" changed from 2 to 4 Each

PLANS: Please destroy sheets 2 and 13, and replace with the enclosed sheet, dated 5/12/14.

Sheet 2: **Quantities for Bid Items were changed:**

Bid Item 450E4759 "18" CMP 16 Gauge, Furnish" changed from 434 to 372 Ft
Bid Item 450E4760 "18" CMP, Install" changed from 434 to 372 Ft
Bid Item 450E4769 "24" CMP 16 Gauge, Furnish" changed from 282 to 344 Ft
Bid Item 450E4770 "24" CMP, Install" changed from 282 to 344 Ft
Bid Item 450E5406 "18" CMP Safety End, Furnish" changed from 16 to 12 Each
Bid Item 450E5407 "18" CMP Safety End, Install" changed from 16 to 12 Each
Bid Item 450E5410 "24" CMP Safety End, Furnish" changed from 2 to 4 Each
Bid Item 450E5411 "24" CMP Safety End, Install" changed from 2 to 4 Each

Sheet 13: TABLE OF PIPE QUANTITIES was revised.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: John Forman, Pierre Region Engineer
John Villbrandt, Mobridge Area Engineer

Estimate of Quantities

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	2.205	Mile
009E3245	Final Cross Section Survey	2.205	Mile
009E3250	Miscellaneous Staking	2.205	Mile
009E3280	Slope Staking	2.205	Mile
009E3300	Three Man Survey Crew	40	Hour
100E0100	Clearing	Lump Sum	LS
110E1690	Remove Sediment	3	CuYd
110E1693	Remove Erosion Control Wattle	300	Ft
110E1700	Remove Silt Fence	876	Ft
120E0010	Unclassified Excavation	102,133	CuYd
120E2000	Undercutting	10,090	CuYd
120E6100	Water for Embankment	1,292.8	MGal
120E6200	Water for Granular Material	95.1	Mgal
230E0010	Placing Topsoil	12,153	CuYd
240E0010	Obliterate Old Road	5	Sta
250E0020	Incidental Work, Grading	Lump Sum	LS
260E3010	Gravel Surfacing	12,775.7	Ton
260E3030	Gravel Surfacing, Salvaged	3,068.8	Ton
270E0110	Salvage and Stockpile Granular Material	3,069.4	Ton
450E4759	18" CMP 16 Gauge, Furnish	372	Ft
450E4760	18" CMP, Install	372	Ft
450E4769	24" CMP 16 Gauge, Furnish	344	Ft
450E4770	24" CMP, Install	344	Ft
450E4779	30" CMP 16 Gauge, Furnish	90	Ft
450E4780	30" CMP, Install	90	Ft
450E4789	36" CMP 16 Gauge, Furnish	60	Ft
450E4790	36" CMP, Install	60	Ft
450E4809	48" CMP 16 Gauge, Furnish	146	Ft
450E4810	48" CMP, Install	146	Ft
450E5310	24" CMP Sloped End, Furnish	6	Each
450E5311	24" CMP Sloped End, Install	6	Each
450E5314	30" CMP Sloped End, Furnish	2	Each
450E5315	30" CMP Sloped End, Install	2	Each
450E5317	36" CMP Sloped End with Bars, Furnish	2	Each
450E5319	36" CMP Sloped End, Install	2	Each
450E5326	48" CMP Sloped End, Furnish	2	Each
450E5327	48" CMP Sloped End, Install	2	Each
450E5406	18" CMP Safety End, Furnish	12	Each
450E5407	18" CMP Safety End, Install	12	Each
450E5410	24" CMP Safety End, Furnish	4	Each
450E5411	24" CMP Safety End, Install	4	Each
450E5539	36" CMP Arch 16 Gauge, Furnish	60	FT
450E5540	36" CMP Arch, Install	60	FT
450E5914	36" CMP Arch Sloped End, Furnish	2	Each
450E5915	36" CMP Arch Sloped End, Install	2	Each
600E0200	Type II Field Laboratory	1	Each
620E0220	Modified Type 2 Right-of -Way Fence	22,040	Ft
620E0515	Type 1A Temporary Fence	23,487	Ft
620E1020	2 Post Panel	107	Each
620E1030	3 Post Panel	18	Each
632E1320	2.0" X 2.0" Perforated Tube Post	174	Ft
632E2520	Type 2 Object Marker	30	Each
632E3205	Flat Aluminum Sign, Nonremov. Copy Super/Very High Intens.	116.7	SqFt

634E0100	Traffic Control	1,561	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
720E1015	Bank and Channel Protection Gabion	43.5	CuYd
730E0210	Type F Permanent Seed Mixture	1,383	Lb
731E0200	Fertilizing	39,900	Ton
732E0100	Mulching	131.4	Ton
734E0102	Type 2 Erosion Control Blanket	10,374	SqYd
734E0160	20" Diameter Erosion Control Wattle	1,202	Ft
734E0510	Shaping for Erosion Control Blanket	5,820	Ft
734E0604	High Flow Silt Fence	3,576	Ft
734E0610	Mucking Silt Fence	243	CuYd
734E0620	Repair Silt Fence	875	Ft
831E0110	Type B Drainage Fabric	136	SqYd

SPECIFICATIONS

Standard Specifications for Roads & Bridges, 2004 Edition and Required Provisions, Supplemental Specifications and/or Special Provisions as included in the Proposal.

ENVIRONMENTAL COMMITMENTS

An Environmental Commitment is a measure that SDDOT commits to implement in order to avoid, minimize, and/or mitigate a real or potential environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency mentioned below with permitting authority can influence a project if perceived 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. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office. The environmental commitments associated with this project are as follows:

COMMITMENT A: WETLANDS

Approximately 0.01 acres of wetlands will be impacted by the project. These unavoidable impacts to wetlands are less than 0.1 acres and the Statewide Finding for South Dakota Federal-aid-Highway Projects will apply.

Wetland No.	Type	Station	Impact Left (Acres)	Impact Right (Acres)	Temporary Impact (Acres)	Total Impact (Acres)
1	PEMC	165+00	0	0.01	0	0.01

Action Taken/Required:

Replacement of the 0.01 acres of wetlands will be completed through another wetland mitigation opportunity in a manner which considers FHWA'S program-wide goal of 'net gain' of wetlands through enhancement, creation, and preservation.

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

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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 pit, or staging site associated with the project, cease construction activities in the affected area until the Whooping Crane departs and 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 shall not withdraw water with equipment previously used outside the State of South Dakota without prior approval from the SDDOT Environmental Office. Thoroughly wash all construction equipment before entering South Dakota to reduce the risk of invasive species introduction into the project vicinity.

Action Taken/Required:

The Contractor shall obtain the necessary permits from the regulatory agencies such as the Department of Environment and Natural Resources (DENR) and the United States Army Corps of Engineers (COE) prior to executing water extraction activities.

COMMITMENT D: WATER QUALITY STANDARDS

COMMITMENT D1: SURFACE WATER QUALITY

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

Action Taken/Required:

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

COMMITMENT D2: SURFACE WATER DISCHARGE

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

Action Taken/Required:

If construction dewatering is required, the Contractor shall obtain a Temporary Discharge Permit from the DENR and provide a copy to the Project Engineer. Contact the DENR Surface Water Program at 605-773-3351 to apply for a permit.

TABLE OF PIPE QUANTITIES

STATE OF
SOUTH
DAKOTA

PROJECT

P 6427(04)

SHEET

13

TOTAL
SHEETS

65

Revised: 5/12/14

Station		Offset (L/R)		Corrugated Metal																									
				Circular						Arch		Sloped Ends						Safety Ends											
				18" 16 ga.	24" 16 ga.	30" 16 ga.	36" 16 ga.	48" 16 ga.	60" 16 ga.	36" 16 ga.		24"		30"	36" with Bars	36" Arch	48"		18"	24"									
Ft	Ft	Ft	Ft	Ft	Ft	Ft		Each		Each	Each	Each	Each		Each	Each													
146+42	R	62														2													
159+39	L	66														2													
164+00	CL				60							2																	
191+00	CL		64									2																	
204+00	CL		84									2																	
209+38	CL					146								2															
216+35	L	56													2														
219+27	R		70														2												
221+16	R	76													2														
223+20	CL			90							2																		
226+55	L	48													2														
226+55	R		62														2												
230+11	R	64													2														
234+00	CL		64									2																	
0+30	CL (173+50 L)								60					2															
Subtotal:		372	344	90	60	146	0		60			6		2	2	2	2	12	4										