



Department of Transportation  
Aberdeen Region Office  
West Highway 12  
PO Box 1767  
Aberdeen, South Dakota 57402-1767  
Phone: 605/626-2244  
FAX: 605/626-7875

May 19, 2017

**ADDENDUM NO. 1**

Re: **012-151, 281N-151 & 281S-151, PCN i4rd, i4re & i4rf**  
**Brown & Day Counties**  
**PCC Pavement Repair**

**TO WHOM IT MAY CONCERN:**

**PROPOSAL:** Please destroy the DOT-123 Contract Proposal and replace with the enclosed sheets dated 05/19/17.

**DOT-123 Contract Proposal:** The bid item Remove Pavement Markings Masking, 4" or Equivalent was removed and the quantity of 4" Temporary Pavement Marking Tape Type 1 was revised.

**PLANS:** Please destroy sheets 2 and 5 and replace with the enclosed sheets, dated 05/19/17.

**Sheet 2:** The Estimate of Quantities for all 3 projects was updated. The bid item Remove Pavement Markings Masking, 4" or Equivalent was removed and the quantity of 4" Temporary Pavement Marking Tape Type 1 was revised.

**Sheet 5:** The plan notes for COVER EXISTING PAVEMENT MARKINGS was revised.

**When sending in your sealed bid please state on the front of the envelope that Addendum No. 1 was received.**

Sincerely,

DEPARTMENT OF TRANSPORTATION

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Jeff Senst, P.E.  
Region Engineer

cc: **P. Dwight** J. Humphrey J. Steen File

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION  
CONTRACT PROPOSAL**

| CODE | PROJECT |       |     | MAINT<br>UNIT | CONTROL<br>REFERENCE | AFE | FUNCTION | BEGIN<br>MRM | END<br>MRM |
|------|---------|-------|-----|---------------|----------------------|-----|----------|--------------|------------|
|      | PRE     | ROUTE | AGR |               |                      |     |          |              |            |
| M    | 01      |       |     | 151           |                      |     | 14rf     | 2129         | 194.6      |
| M    | 84      | N     |     | 151           |                      |     | 14rf     | 2129         | 194.6      |
|      | M       | 281   | S   |               |                      |     | 14rf     | 2129         | 194.6      |

CITY AND/OR COUNTY: Brown & DayBUDGET SOURCE: FY 2017 Contract MaintenanceREGION MATERIALS CERTIFICATION REQUIRED: ☒ YES ☐ NOCERTIFIED INSPECTORS/TESTERS REQUIRED: ☒ YES ☐ NOTO BE INSTALLED ON CM&P: ☒ YES ☐ NOTYPE, PURPOSE AND LOCATION OF WORK: PCC Repair on US 28 in Aberdeen and US 12 near Webster**ESTIMATE OF QUANTITIES AND COST**

| BID ITEM<br>NUMBER | ITEM                                      | QUANTITY | UNIT | UNIT PRICE | AMOUNT   |
|--------------------|---|----------|------|------------|----------|
| 009E0010           | Mobilization                              | Lump Sum | LS   | Lump Sum   |          |
| 110E0300           | Remove Concrete Curb and/or Gutter        | 40       | Ft   |            |          |
| 110E1010           | Remove Asphalt Concrete Pavement          | 20       | SqYd |            |          |
| 120E0100           | Unclassified Excavation, Digouts          | 3        | CuYd |            |          |
| 260E2010           | Gravel Cushion                            | 5.7      | Ton  |            |          |
| 320E1200           | Asphalt Concrete Composite                | 3.4      | Ton  |            |          |
| 380E5030           | Nonreinforced PCC Pavement Repairs        | 302.3    | SqYd |            |          |
| 380E6000           | Dowel Bar                                 | 117      | Each |            |          |
| 380E6110           | Insert Steel Bar in PCC Pavement          | 148      | Each |            |          |
| 634E0100           | Flagging                                  | 35       | Hour | \$24.19    | \$846.65 |
| 634E0110           | Traffic Control Signs                     | 302.3    | SqYd |            |          |
| 634E0120           | Traffic Control, Miscellaneous            | Lump Sum | LS   | Lump Sum   |          |
| 634E0285           | Type 3 Barricade, 8' Double Sided         | 6        | Each |            |          |
| 634E0420           | Type C Advance Warning Arrow Board        | 3        | Each |            |          |
| 634E0600           | 4" Temporary Pavement Marking Tape Type I | 3860     | Ft   |            |          |
| 650E1385           | Type FL 68.5 Concrete Curb and Gutter     | 40       | Ft   |            |          |
| <b>TOTAL</b>       |   |          |      |            |          |

**CONTRACTOR'S PROPOSAL STATEMENT**

The undersigned does hereby agree to furnish the labor and/or material in the quantities, at the unit price, for the purpose, in the place and in accordance with attached provisions upon approval of this Proposal by the State Transportation Commission. This document becomes the Contract when signed by the Contractor and a Department of Transportation Representative. The Contractor agrees to provide services in compliance with the Americans with Disabilities Act of 1990. The Contractor agrees to provide a certificate of insurance prior to commencing work, for liability coverage for the duration of the work as per the current edition of the SDDOT Standard Specifications for Roads and Bridges.

SUBSTANTIAL COMPLETION DATE N/A

PROPOSED START DATE \_\_\_\_\_

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION  
CONTRACT PROPOSAL**

| CODE | PROJECT |       |     | MAINT<br>UNIT | CONTROL<br>REFERENCE | AFE  | FUNCTION | BEGIN<br>MRM | END<br>MRM |
|------|---------|-------|-----|---------------|----------------------|------|----------|--------------|------------|
|      | PRE     | ROUTE | AGR |               |                      |      |          |              |            |
| M    | 01      |       |     | 151           |                      | l4rf | 2129     | 194.6        | 341.7      |
| M    | 84      | N     |     | 151           |                      | l4rf | 2129     | 194.6        | 194.6      |
|      | M       | 281   | S   |               |                      | l4rf | 2129     | 194.6        | 194.6      |

FIELD WORK COMPLETION DATE October 20, 2017

SUBSCRIBED AND SWORN TO BEFORE ME THE

DAY OF \_\_\_\_\_, 20\_\_

SIGNATURE \_\_\_\_\_

PRINTED NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

STR. ADDRESS \_\_\_\_\_

CITY STATE ZIP \_\_\_\_\_

NOTARY - My Commission Expires \_\_\_\_\_ (Y E L) FEDERAL TAX ID NUMBER \_\_\_\_\_

**TO BE FILLED OUT BY STATE PERSONNEL:**

RECOMMENDED FOR APPROVAL:

CONSTRUCTION &amp; MAINTENANCE ENGINEER

DATE \_\_\_\_\_

REGION ENGINEER

DATE \_\_\_\_\_

DIRECTOR OF OPERATIONS

DATE \_\_\_\_\_

APPROVED FOR THE TRANSPORTATION COMMISSION

NAME \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

APPROVED as per Federal Highway Stewardship Provisions this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

PROJECT DEVELOPMENT ENGINEER

**Do not use for bidding  
purposes.**

Estimate of Quantities and Environmental Commitments

012-151 PCN I4rd

| BID ITEM NUMBER | ITEM                                      | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 009E0010        | Mobilization                              | Lump Sum | LS   |
| 110E1010        | Remove Asphalt Concrete Pavement          | 14.4     | SqYd |
| 120E0100        | Unclassified Excavation, Digouts          | 1        | CuYd |
| 260E2010        | Gravel Cushion                            | 1.9      | Ton  |
| 320E1200        | Asphalt Concrete Composite                | 2.4      | Ton  |
| 380E5030        | Nonreinforced PCC Pavement Repair         | 200.0    | SqYd |
| 380E6000        | Dowel Bar                                 | 72       | Each |
| 380E6110        | Insert Steel Bar in PCC Pavement          | 86       | Each |
| 634E0010        | Flagging                                  | 20.0     | Hour |
| 634E0110        | Traffic Control Signs                     | 105.5    | SqFt |
| 634E0120        | Traffic Control, Miscellaneous            | Lump Sum | LS   |
| 634E0285        | Type 3 Barricade, 8' Double Sided         | 2        | Each |
| 634E0420        | Type C Advance Warning Arrow Board        | 1        | Each |
| 634E0600        | 4" Temporary Pavement Marking Tape Type I | 1,760    | Ft   |

281N-151 PCN I4re

| BID ITEM NUMBER | ITEM                                      | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 009E0010        | Mobilization                              | Lump Sum | LS   |
| 110E0300        | Remove Concrete Curb and/or Gutter        | 40       | Ft   |
| 110E1010        | Remove Asphalt Concrete Pavement          | 1.3      | SqYd |
| 120E0100        | Unclassified Excavation, Digouts          | 1        | CuYd |
| 260E2010        | Gravel Cushion                            | 1.9      | Ton  |
| 320E1200        | Asphalt Concrete Composite                | 0.2      | Ton  |
| 380E5030        | Nonreinforced PCC Pavement Repair         | 72.0     | SqYd |
| 380E6000        | Dowel Bar                                 | 24       | Each |
| 380E6110        | Insert Steel Bar in PCC Pavement          | 34       | Each |
| 634E0010        | Flagging                                  | 10.0     | Hour |
| 634E0110        | Traffic Control Signs                     | 100.5    | SqFt |
| 634E0120        | Traffic Control, Miscellaneous            | Lump Sum | LS   |
| 634E0285        | Type 3 Barricade, 8' Double Sided         | 2        | Each |
| 634E0420        | Type C Advance Warning Arrow Board        | 1        | Each |
| 634E0600        | 4" Temporary Pavement Marking Tape Type I | 1,350    | Ft   |
| 650E1385        | Type FL68.5 Concrete Curb and Gutter      | 40       | Ft   |

281S-151 PCN I4rf

| BID ITEM NUMBER | ITEM                                      | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 009E0010        | Mobilization                              | Lump Sum | LS   |
| 110E1010        | Remove Asphalt Concrete Pavement          | 4.3      | SqYd |
| 120E0100        | Unclassified Excavation, Digouts          | 1        | CuYd |
| 260E2010        | Gravel Cushion                            | 1.9      | Ton  |
| 320E1200        | Asphalt Concrete Composite                | 0.8      | Ton  |
| 380E5030        | Nonreinforced PCC Pavement Repair         | 30.3     | SqYd |
| 380E6000        | Dowel Bar                                 | 21       | Each |
| 380E6110        | Insert Steel Bar in PCC Pavement          | 28       | Each |
| 634E0010        | Flagging                                  | 5.0      | Hour |
| 634E0110        | Traffic Control Signs                     | 100.5    | SqFt |
| 634E0120        | Traffic Control, Miscellaneous            | Lump Sum | LS   |
| 634E0285        | Type 3 Barricade, 8' Double Sided         | 2        | Each |
| 634E0420        | Type C Advance Warning Arrow Board        | 1        | Each |
| 634E0600        | 4" Temporary Pavement Marking Tape Type I | 750      | Ft   |

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications and 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 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 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 B4: BALD EAGLE

Bald eagles are known to occur in this area.

Action Taken/Required:

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

COMMITMENT 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.

| STATE OF<br>SOUTH<br>DAKOTA | PROJECT                       | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------------|-------------------------------|--------------|-----------------|
|                             | 012-151, 281 N-151, 281 S-151 | 2            | 16              |
| Revised 5-19-17 BMR         |                               |              |                 |

PLOTTED FROM - TRAB17886

| STATE OF<br>SOUTH<br>DAKOTA | PROJECT                          | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------------|----------------------------------|--------------|-----------------|
|                             | 012-151, 281 N-151,<br>281 S-151 | 5            | 16              |
| Revised 5-19-17 BMR         |                                  |              |                 |

SCOPE OF WORK

Work on this project includes, but is not limited to removal and replacement of nonreinforced PCC pavement.

SEQUENCE OF OPERATIONS

The following Sequence of Operations shall be adhered to. Any change must be approved in writing by the Engineer prior to the change being made.

1. Set Up Traffic Control
2. Complete PCC Pavement Repair.
3. Remove Traffic Control

Once repair work starts on one site, the Contractor shall be required to work continuously on the site. Contractor shall finish work at one site before moving to the next site. The lane closure shall only be in place while work is being completed.

While performing the work for the project, no repair areas will be allowed to be left open for more than 24 hours or over the weekend or holidays.

EXISTING PCC PAVEMENT

The existing PCC Pavement is nonreinforced. The joint spacing on the project is 20 feet. Transverse joints were sealed with low modulus silicone sealant.

DIMENSIONS OF EXISTING CONTRACTION JOINTS

All details and dimensions of the existing contraction joints contained in these plans are provided as information only. It is the Contractor's responsibility to inspect and verify the actual field conditions and necessary dimensions affecting the satisfactory completion of the work required for this project.

MAINTENANCE OF TRAFFIC

Removing, relocating, covering, salvaging and resetting of existing traffic control devices, including delineation, shall be the responsibility of the Contractor. Cost of this work shall be incidental to the various contract items unless otherwise specified in the plans. Delineators and signs damaged or lost shall be replaced by the Contractor at no cost to the State.

Indiscriminate driving and parking of vehicles within the right-of-way will not be permitted. Any damage to the vegetation, surfacing, embankment, delineators and existing signs resulting from such indiscriminate use shall be repaired and/or restored by the Contractor, at no expense to the State, and to the satisfaction of the Engineer.

Work activities during non-daylight hours are subject to prior approval.

The bottom of signs on portable or temporary supports shall not be less than seven feet above the pavement in urban areas and one foot above the pavement in rural areas. Portable sign supports may be used as long as the

duration is less than 3 days. If the duration is more than 3 days the signs shall be on fixed location, ground mounted, breakaway supports.

Traffic Control signs, as shown in the Itemized List for Traffic Control Signs, are estimates. Contractor's operation may require adjustments in quantities, either more or less. Payment will be for those signs actually ordered by the Engineer and used.

The Contractor shall use 42" cones as channelizing devices except for lane tapers which require reflectorized drums.

While work is being performed on the inside lanes for the PCCP Repair work, channelizing devices shall be installed along the edge line at a spacing of 500 ft to prohibit traffic from driving on the asphalt shoulder.

The taper length on project 012-151 shall be based upon 60 mph speed limit. When traffic is using the inside lane, 42" cones will be placed in turning lane and gore to prohibit traffic from driving in turning lane.

4" TEMPORARY PAVEMENT MARKING TAPE, TYPE I

Temporary pavement marking shall consist of 4" Temporary Pavement Marking Tape, Type I applied and maintained for all projects.

Temporary road markers may be used in place of the temporary pavement marking tape per the approval of the Engineer.

The temporary pavement marking tape shall be kept clean and visible at all times.

COVER EXISTING PAVEMENT MARKINGS

Centerline pavement markings shall be masked with black 4" Temporary Pavement Marking Tape, Type 1 within the transition areas. Payment for this work shall be incidental to the contract price per foot for 4" TEMPORARY PAVEMENT MARKING TAPE, TYPE 1.

| Project  | Length<br>(Ft) |
|----------|----------------|
| PCN i4rd | 200            |
| PCN i4re | 150            |
| PCN i4rf | 150            |

REMOVE CONCRETE PAVEMENT

Approximate locations of existing non-reinforced concrete pavement to be removed are provided in the PCC Repair Detail. Prior to removal the Contractor shall saw cut full depth at the limits of the removal area as directed by the Engineer. Existing concrete in the replacement areas shall be removed by the lift out method or by means that minimize damage to the sides of the remaining in place concrete. All removed concrete shall be removed from within the right of way by the end of the workday and disposed of at the Contractor's waste disposal site.

The Contractor shall notify the Engineer two working days prior to beginning work at each particular location so the Engineer may mark out removal limits. The Engineer shall mark exact dimensions prior to removal of concrete pavement. Payment will be made for quantity marked out and measured in the field. Variations from plans estimated quantities and/or locations will not be considered cause for re-negotiaion of the contract unit prices.

Care shall be exercised in the removal of concrete slab panels to avoid damage to adjacent pavement. Damage to adjacent pavement shall be repaired to the satisfaction of the Engineer at the Contractor's expense.

Removal of Concrete Pavement will be incidental to the various PCC Pavement Repair bid items. This payment will be full compensation for full and partial depth sawing, removal of all PCC Pavement, disposal of all removed material, and all equipment, labor, and incidentals necessary to satisfactorily complete work.

REMOVE CONCRETE CURB AND GUTTER

Approximate locations of existing concrete curb and gutter to be removed are provided in the Table of Concrete Repair and Removal. Prior to removal the Contractor shall saw cut full depth at the limits of the removal area as directed by the Engineer. Existing concrete in the replacement areas shall be removed by means that minimize damage to the sides of the remaining in place concrete pavement and sidewalk. All removed concrete shall be removed from within the right of way by the end of the workday and disposed of at the Contractor's waste disposal site.

After concrete removal has been accomplished, the Contractor shall shape, water and recompact the remaining granular material prior to placement of concrete. Any additional gravel cushion required to prepare the area shall be furnished and placed by the Contractor and shall be incidental to the contract unit price per foot for REMOVE CONCRETE CURB AND GUTTER.

Gravel cushion material shall be from a Contractor furnished source. Water content and compaction shall be to the satisfaction of the Engineer.

Costs for this work for full and partial depth sawing, removal of all curb and gutter, disposal of all removed material, and all equipment, labor, and incidentals necessary to satisfactorily complete work shall be incidental to the contract unit price per foot for REMOVE CONCRETE CURB AND/OR GUTTER.