



# Department of Transportation

## Office of Project Development

700 E Broadway Avenue

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

FAX: 605/773-6608

September 29, 2014

### ADDENDUM NO. 2

**RE: Item #4, October 1, 2014 Letting - P 0019(36)73, PCN 026D, Lake, Minnehaha County - Cold Milling Asphalt Concrete, Asphalt Concrete Surfacing & Resurfacing**

#### 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:** *Bidders must log in to retrieve the addendum bid item file that must be loaded into the SDEBS to incorporate the revisions listed here.*

**Quantity for Bid Item was changed:**

Bid Item 332E0010 "Cold Milling Asphalt Concrete" changed from 193,627 to 286,852 SqYd

**PLANS:** Please destroy sheets A1, and F2 and replace with the enclosed sheets, dated 9/29/14.

**Sheets A1 & F2:** Bid Item 332E0010 "Cold Milling Asphalt Concrete" changed from 193,626.7 to 286,852 SqYd

Sincerely,

Sam Weisgram  
Engineering Supervisor

SW/cj

CC: Craig Smith, Mitchell Region Engineer  
Travis Dressen, Sioux Falls Area Engineer

# ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P 0019(36)73	A1	A2

Revised: 29 Sept 14, LLR

## SPECIFICATIONS

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

### Section C – Traffic Control

Bid Item Number	Item	Quantity	Unit
110E7152	Remove Delineator for Reset	557	Each
632E2100	Reset Delineator	557	Each
634E0010	Flagging	800	Hour
634E0020	Pilot Car	400	Hour
634E0100	Traffic Control	3,736	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0630	Temporary Pavement Marking	66.3	Mile

### Section F – Surfacing

Bid Item Number	Item	Quantity	Unit
009E0010	Mobilization	Lump Sum	LS
120E0100	Unclassified Excavation, Digouts	927	CuYd
120E6200	Water for Granular Material	975.9	MGal
210E1005	Surface Preparation	9,697	Mile
250E0010	Incidental Work	Lump Sum	LS
260E1050	Base Course, Salvaged Asphalt Mix	9,081.8	Ton
260E1080	Base Course, Salvaged, State Furnished	17,163.2	Ton
260E3010	Gravel Surfacing	3,719.5	Ton
320E0005	PG 58-34 Asphalt Binder	3,409.2	Ton
320E1202	Class Q2R Hot Mixed Asphalt Concrete	73,791.1	Ton
320E1800	Asphalt Concrete Blade Laid	1,623.0	Ton
320E4000	Hydrated Lime	747.5	Ton
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	45.5	Mile
330E0010	MC-70 Asphalt for Prime	564.8	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	104.2	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	86.6	Ton
330E1000	Blotting Sand for Prime	811.5	Ton
330E2000	Sand for Flush Seal	1,278.1	Ton
332E0010	Cold Milling Asphalt Concrete	286,852	SqYd
462E0100	Class M6 Concrete	2.2	CuYd
600E0300	Type III Field Laboratory	1	Each
651E7000	Type 1 Detectable Warnings	22	SqFt
900E1980	Storage Unit	1	Each

### Section M – Pavement Marking

Bid Item Number	Item	Quantity	Unit
633E0040	Cold Applied Plastic Pavement Marking, Arrow	6	Each
633E1300	Pavement Marking Paint, White	810.0	Gal
633E1305	Pavement Marking Paint, Yellow	324.0	Gal
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	6	Each

## INDEX OF SHEETS

A1	Estimate of Quantities for Sections C, F and M
A2	Environmental Commitments

**SECTION F – ESTIMATE OF QUANTITIES**

Bid Item Number	Item	Quantity	Unit
009E0010	Mobilization	Lump Sum	LS
120E0100	Unclassified Excavation, Digouts	927	CuYd
120E6200	Water for Granular Material	975.9	MGal
210E1005	Surface Preparation	9.697	Mile
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651E7000	Type 1 Detectable Warnings	22	SqFt
900E1980	Storage Unit	1	Each

**SURFACING THICKNESS DIMENSIONS**

Plans tonnage will be applied though the thickness may vary from that shown on the plans.

At those locations where material must be placed to achieve a required elevation, plans tonnage may be varied to achieve the required elevation.

**TYPE III FIELD LABORATORY**

The lab shall be equipped with an internet connection such as DSL, cable modem, or other approved service. The internet connection shall be provided with a multi-port wireless router. The internet connection shall be a minimum speed of 512 Kb unless limited by job location and approved by the DOT. Prior to installing the wireless router the Contractor shall submit the wireless router's technical data to the Area Office to check for compatibility with the state's computer equipment. The internet connection is intended for state personnel usage only. The Contractor's personnel are prohibited from using the internet connection unless pre-approved by the Project Engineer.

The Contractor shall submit a copy of each monthly bill for calls charged to this phone at the end of each month. The Project Engineer will then audit the bills to ensure all calls are legitimate and then initiate a Construction Change Order (CCO) to reimburse the Contractor for the actual phone calls made, including local and long distance calls. Reimbursement will not be made for fees associated with the purchase, installation, disconnection, monthly line charges, and incidentals involved in the installation, maintenance, and disconnection of the phone (including attachments). These items shall be incidental to the contract unit price per each for "Type III Field Laboratory".

**SAWING IN EXISTING SURFACING**

Where new Portland Cement Concrete Pavement (PCCP) or new asphalt concrete is placed adjacent to existing asphalt concrete or PCCP, the existing pavement shall be sawed full depth to a true line with a vertical face. No separate payment shall be made for sawing.

**TYPE 1 DETECTABLE WARNINGS**

Detectable warnings shall be in compliance with the Americans with Disability Act regulations.

The detectable warnings shall be installed according to the manufacturer's installation instructions.

A concrete thickness equal to the adjacent concrete sidewalk thickness and 2 inches of granular cushion material shall be placed below the Type 1 Detectable Warnings. When concrete is placed below the detectable warnings then the concrete thickness shall be transitioned at the rate of 1" per foot to match the adjacent concrete sidewalk thickness.

The detectable warnings shall be a brick red color for application in concrete curb ramps. Cast iron plates may be a natural patina (weathered steel).

When Type 1 Detectable Warnings are specified, the Contractor shall furnish and install only one of the products listed in the Type 1 Detectable Warnings table.

Type 1 Detectable Warnings

Product	Manufacturer
Detectable Warning Plate Cast Iron Plate	Neenah Foundry Company Neenah, WI 800-558-5075 <a href="http://www.neenahfoundry.com/">http://www.neenahfoundry.com/</a>
Detectable Warning Plate Cast Iron Plate	Deeter Foundry Lincoln, NE 800-234-7466 <a href="http://www.deeter.com/">http://www.deeter.com/</a>
Detectable Warning Plate Cast Iron Plate	East Jordan Iron Works, Inc. 301 Spring Street East Jordan, MI 49727 800-626-4653 <a href="http://www.ejiw.com">http://www.ejiw.com</a>
CAST-DWD Cast Iron Plate	Key 3 Casting (Northern Foundry) 555 West 25 <sup>th</sup> Street Hibbing, MN 55746 218-263-8871 <a href="http://key3casting.com">http://key3casting.com</a>

**TABLE OF TYPE 1 DETECTABLE WARNINGS**

Station	L/R	Dimensions (L X W)	Quantity (SqFt)
1156+07.98	33.21' R	(10.7' X 2')	21.5

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P 0019(36)73	F2	F17

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**TABLE OF CLASS M6 CONCRETE FOR LANDING AREAS**

Station	L/R	Quantity (CuYd)
1156+07.98	33.21' R	2.2

**BASE COURSE, SALVAGED ASPHALT MIX**

The Base Course, Salvaged Asphalt Mix shall be obtained from the material produced on this project and may be used without further quality testing.

Base Course, Salvaged Asphalt Mix placed on the shoulders shall be compacted according to Section 260.3.B of the Pavement Specifications except that a pneumatic tired roller with an effective roller weight of at least 250 pounds per inch (4.5 kilograms per mm) of roller width will be required.

At the time of compaction, the material placed on the shoulders shall have approximately 4% moisture uniformly blended throughout the depth of material; the Engineer may adjust the percent moisture.

All other requirements for Base Course, Salvaged shall apply.

**BASE COURSE, SALVAGED, STATE FURNISHED**

Base Course, Salvaged, State Furnished estimated at 30,380 tons in Stockpile A and 14,175 tons in Stockpile B (44,555 tons total for informational purposes only) is available from the stockpiles located in the northeast corner of the Madison DOT shop site in the SE1/4 of Section 16, Township 106 North, Range 52 West of the 5<sup>th</sup> P.M, Lake County, South Dakota. This material may be used without further quality testing. The salvaged asphalt material in Stockpile A has been stockpiled since the summer of 2013 and shall be crushed so that the maximum particle size will not exceed 1-1/2 inches (37.5 mm) before the material can be used on the project. All costs for crushing the salvaged asphalt material shall be incidental to the contract unit price per ton for Base Course, Salvaged, State Furnished.

Base Course, Salvaged, State Furnished placed on the shoulders shall be compacted according to Section 260.3.B of the Specifications except that a pneumatic tired roller with an effective roller weight of at least 250 pounds per inch (4.5 kilograms per mm) of roller width will be required.

At the time of compaction, the material placed on the shoulders shall have approximately 4% moisture uniformly blended throughout the depth of material. The percent moisture may be adjusted by the Engineer.

The Base Course, Salvaged, State Furnished material is royalty free to the Contractor.

Furnish cost to the State for the Base Course, Salvaged, State Furnished material located in Stockpile A was \$10.00 per ton.

Furnish cost to the State for the Base Course, Salvaged, State Furnished material located in Stockpile B was \$7.00 per ton.

All other requirements for Base Course, Salvaged shall apply.