



Department of Transportation

Rapid City Region Office

2300 Eglin Street

P.O. Box 1970

Rapid City, SD 57709-1970

Phone: 605/394-2244

FAX: 605/394-1904

April 26, 2021

ADDENDUM NO. 1

RE: May 4, 2021 Rapid City Region Office Informal Letting
090E-451 Lawrence & Meade County, PCN i6fk
Curb & Gutter and Erosion Repair on I90 E

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:

- No change.

PLANS:

- Replace sheet 4 with the attached. Added "ShoreFlex" as an approved product for Articulated Concrete Mattress.

Sincerely,

John Rehorst
Region Design Engineer

FERTILIZING

A commercial fertilizer with a minimum guaranteed analysis of 13-13-13, 18-46-0, 11-52-0, or an approved alternate fertilizer sold for use as a lawn starter fertilizer will be applied to all areas designated for permanent seeding. The application rate of fertilizer will be 3 pounds per 1,000 square feet.

PERMANENT SEEDING

The areas to be seeded consist of all newly graded areas within the project limits except for the top of roadways and temporary easements under cultivation.

Type F Permanent Seed Mixture will consist of the following:

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
Western Wheatgrass	Arriba, Flintlock, Rodan, Rosana, Walsh	21
Green Needlegrass	Lodorm, AC Mallard Ecovar	12
Sideoats Grama	Butte, Pierre	9
Blue Grama	Bad River	6
Oats or Spring Wheat: April through May; Winter Wheat: August through November		30
Total:		78

FIBER MULCHING

Fiber mulch will be applied in a separate operation following permanent seeding.

An additional 2% by weight of tackifier will be added to the fiber mulch product selected from the approved product list. If the product selected has guar gum tackifier included, then the additional 2% of tackifier will be guar gum. If the product selected has synthetic tackifier included, then the additional 2% of tackifier will be synthetic.

Fiber mulch will be applied at the rate of 2,000 pounds per acre.

The Contractor will allow the fiber mulch to cure a minimum of 18 hours prior to watering or any storm event to ensure proper cohesion between the soil and fiber particles.

All costs for the additional tackifier added to the fiber mulch including labor, equipment, and materials will be incidental to the contract unit price per pound for "iber Mulching.

The fiber mulch provided will be from the approved product list. The approved product list for fiber mulch may be viewed at the following internet site:

<http://apps.sd.gov/HC60ApprovedProducts/main.aspx>

EROSION CONTROL BLANKET

At Exit 30 EB On Ramp erosion control blanket will be placed adjacent to the concrete pavement of the EB On Ramp as directed by the Engineer.

At Exit 32 EB On Ramp erosion control blanket will be placed adjacent to the concrete pavement of the EB I-90 lane as directed by the Engineer.

ARTICULATED CONCRETE MATTRESS

Articulated concrete mattress will be installed at locations noted in the table and at locations determined by the Engineer during construction.

Installation of the articulated concrete mattress will be in accordance with the manufacturer's installation instructions.

All costs for furnishing and installing the articulated concrete mattress including hauling, materials, equipment, labor, necessary excavation, and incidentals necessary will be paid for at the contract unit price per square yard for Articulated Concrete Mattress.

The articulated concrete mattress will be as shown below or an approved equal:

<u>Product</u>	<u>Manufacturer</u>
Standard Flexamat	Flexamat Permanent Site Solutions Cincinnati, Ohio Phone: (513) 772-6690 www.flexamat.com

<u>Product</u>	<u>Manufacturer</u>
ShoreFlex	ShoreFlex Denham Springs, Louisiana Phone: (800) 575-7293 www.shoreflex.com