



Department of Transportation

Mitchell Region Office

PO Box 1206
Mitchell, SD 57301-7206 605/995-8129
FAX: 605/995-8135

May 31, 2012

TO: Interested Bidders

ADDENDUM 2

RE: IM 0293(00)78, Minnehaha County – PCN 03QL
PCC Pavement Replacement on 26th St near intersection with I29

This letter supplements the May 30, 2012 letter sent to you from this office.

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

PROPOSAL

Insert the Special Provision for Nonstabilized Open Graded Gravel Cushion.

PLANS

No Change.

Proposal and Plans (and Addenda, when applicable) can be accessed at the following link:

http://www.sddot.com/pe/projdev/bidlet_lettings_regional.asp. It is the Contractor's responsibility to obtain any addenda pertaining to this contract prior to submitting a bid. Addenda, if and when applicable to this contract, will be posted on this website with the contract.

Due to the letting being Friday, and it is already Wednesday, Addendum 2 will not be mailed in the regular mail but will only be accessible through the region letting website (see previous paragraph). Please acknowledge receipt of Addendums 1 & 2 by printing: "Received Addendums 1 & 2" on your bid envelope.

Very truly yours,

DEPARTMENT OF TRANSPORTATION

Craig Smith, Region Engineer

Monte D. Rice, Region Design Engineer

cc: Humphrey – Construction and Maintenance
Hansen – Civil Rights
Reiss – Planning & Programs
Smith/Carlson/Aalberg/Neumeister/Border/Vandam – Sioux Falls Area
Weisz – Materials
Behm – Project Development
Kaus – Data Inventory
S. Ausen – City of Sioux Falls

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
NONSTABILIZED OPEN GRADED GRAVEL CUSHION**

**PROJECT IM 0293(00)78, PCN 03QL
MINNEHAHA COUNTY**

MAY 30, 2012

I. DESCRIPTION

This work consists of furnishing and placing a course of nonstabilized open graded gravel cushion on a prepared granular base to provide adequate pavement drainage and a stable working platform for the placement of subsequent surfacing layers.

II. MATERIALS

The nonstabilized open graded gravel cushion shall conform to the following gradation requirements:

Sieve - in (mm)	Percent Passing (by weight)	
	Min.	Max.
3/4 (19 mm)	100	
3/8 (9.5 mm)	45	65
#4 (4.75 mm)	15	40
#40 (425 µm)	0	6
#200 (75 µm)	0.0	5.0

The aggregate shall be virgin ledge rock. Recycled material will not be accepted.

III. CONSTRUCTION REQUIREMENTS

The nonstabilized open graded gravel cushion shall be placed on top of gravel cushion without the contamination of the nonstabilized open graded gravel cushion material.

The underlying gravel cushion material shall be constructed according to Section 260 and shall be free from rutting, dirt, mud, and other contaminants. The underlying gravel cushion material shall be trimmed to the correct grade and slope by a machine designed for automatic trimming utilizing string lines, as specified in section 380. The

underlying gravel cushion shall be moistened prior to placing the nonstabilized open graded gravel cushion material.

The nonstabilized open graded gravel cushion shall not be placed when weather or surface conditions are such that the material cannot be properly handled, finished, and consolidated. The underlying gravel cushion shall be reasonably free of standing water and excess loose material at the time the nonstabilized open graded gravel cushion is placed.

The PCC pavement shall be placed within 30 calendar days of placement of the nonstabilized open graded gravel cushion material. In no case shall the nonstabilized open graded gravel cushion be left unprotected through the winter. The nonstabilized open graded gravel cushion shall not be placed upon a frozen surface.

The nonstabilized open graded gravel cushion shall be placed with an approved paver with automatic grade controls by means of a string line according to Section 380. Compaction shall be accomplished with a double drummed steel faced roller operating in the static mode only until a firm unyielding surface is obtained. Positive drainage shall be provided for the nonstabilized open graded gravel cushion at all times.

Trimming of the nonstabilized open graded gravel cushion will not be required when the nonstabilized open graded gravel cushion is placed with an approved paver. If trimming is required it shall be with an automatic machine controlled by a string line according to Section 380. The trimming may be performed after placement and compaction of the nonstabilized open graded gravel cushion. Trimming of the nonstabilized open graded gravel cushion with a blade will not be allowed.

The placement and compaction of the nonstabilized open graded gravel cushion shall be performed in a manner that allows the material to properly tie into the edge drains. The plans contain notes and details for the edge drains and nonstabilized open graded gravel cushion.

Traffic will not be allowed on the nonstabilized open graded gravel cushion after it has been trimmed and prior to placement of the PCC pavement.

IV. METHOD OF MEASUREMENT

The nonstabilized open graded gravel cushion will be measured to the nearest 0.1 ton (0.1 metric ton).

V. BASIS OF PAYMENT

The nonstabilized open graded gravel cushion will be paid for at the contract unit price per ton (metric ton) furnished in place to the specified depth. Payment shall include furnishing, hauling, placing, compacting, trimming, shaping, and all incidental work and materials required.

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