



# Department of Transportation

## Office of Project Development

700 E Broadway Avenue

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

FAX: 605/773-6608

May 29, 2014

### ADDENDUM NO. 1

**RE: Item #6, June 4, 2014 Letting - P 000S(00)08, PCN 04AY, Lyman County  
- Grading for Berm Construction & Slide Repair, Riprap, Culvert  
Extension, Erosion Control and Sidewalk Reconstruction**

#### 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: PEN AND INK CHANGE:** change the completion date from August 21, 2015 to December 18, 2015 on both the NOTICE TO CONTRACTORS and the PROPOSAL.

Please remove the Special Provisions checklist and replace with attached Special Provisions checklist revised 5/27/14.

Please remove the "Special Provision for Contract Time", dated 5/9/14 and replace with the "Special Provision for Contract Time.", dated 5/27/14.

Please add the Special Provision for "Subletting of Contract" dated 5/27/14 after the new "Special Provision for Contract Time", dated 5/27/14.

**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.*

**Bid Items were added:**

Bid Item 900E1320 "Construction Entrance"

**PLANS:** Please destroy sheets 2 and 8, and replace with the enclosed sheets, dated 5/27/14. Sheets 11a and 40a were added.

**Sheet 2:** Bid Item 900E1320 "Construction Entrance" was added.

**Sheet 8**: STOCKPILING OF MATERIAL and DAMAGE TO SHORELINE DRIVE notes were added.

**Sheet 11a**: Sheet was added.

**Sheet 40a**: Sheet was added.

Sincerely,

Sam Weisgram  
Engineering Supervisor

SW/cj

CC: Craig Smith, Mitchell Region Engineer  
Tammy Williams, Mitchell Area Engineer

REV. 5/27/14

SPECIAL PROVISIONS

PROJECT NUMBER(S): P 000S(00)08 PCN: 04AY

TYPE OF WORK: GRADING FOR BERM CONSTRUCTION & SLIDE REPAIR, RIPRAP,  
CULVERT EXTENSION, EROSION CONTROL AND SIDEWALK  
RECONSTRUCTION

COUNTY: LYMAN

The following clauses have been prepared subsequent to the Standard Specifications for Roads and Bridges and refer only to the above described improvement, for which the following Proposal is made. In case of any discrepancy or conflict between said specifications and these Special Provisions, the latter are to govern.

The Contractor's attention is directed to the need for securing from the Department of Environment & Natural Resources, Foss Building, Pierre, South Dakota, permission to remove water from public sources (lakes, rivers, streams, etc.). The Contractor should make his request as early as possible after receiving his contract, and insofar as possible at least 30 days prior to the date that the water is to be used.

Mark Anderson is the official in charge of the Pierre Career Center for Lyman County.

**THE FOLLOWING ITEMS ARE INCLUDED IN THIS PROPOSAL FORM:**

**Special Provision for Contract Time, dated 5/27/14.**

**Special Provision Regarding Section 404 of the Clean water Act, dated 5/7/14.**

**Permit # NWO-1990-70001-PIE**

**Special Provision for Contractor Staking, dated 5/9/14.**

**Agreement to Sell Materials (Edward Geddes & Deette Geddes and Daniel Konz & Mike Jacobson)**

**List of Utilities.**

Special Provision for Contractor Administered Preconstruction Meeting, dated 4/18/13.

Special Provision for Electronic Bidding Requirements, dated 12/18/13.

Special Provision for Fuel Cost Adjustment, dated 7/13/06.

Special Provision for Differing Site Conditions, dated 12/19/13.

Special Provision for Suspension of Work, dated 2/13/04

Standard Title VI Assurance, dated 7/14/08.

Special Provision For Implementation of Clean Air Act & Federal Water Pollution Control Act, dated 9/1/97.

Special Provision Regarding Minimum Wage on State Funded Projects, dated 4/30/13.

Wage and Hour Division US Department of Labor Washington DC.

- US Dept. of Labor Decision Number SD100010, dated 8/30/13.

Supplemental Specification for Errata, dated 3/3/10.

Supplemental Specification to Standard Specifications for Roads and Bridges, dated 3/3/10.  
Special Provision for Price Schedule for Miscellaneous Items, dated 9/26/13.

Special Provision Regarding Storm Water Discharge, dated 5/3/13.  
General Permit for Storm Water Discharges Associated with Construction  
Activities, dated 2/1/10. <http://denr.sd.gov/des/sw/IPermits/ConstructionGeneralPermit2010.pdf>

\* \* \* \*

**STATE OF SOUTH DAKOTA  
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION  
FOR  
CONTRACT TIME**

**PROJECT 000S(00)08; PCN 04AY  
LYMAN COUNTY**

**MAY 27, 2014**

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The Contractor will complete all work on the project by the December 18, 2015 overall completion date.

**Interim Completion Date Requirement**

The Contractor will not begin work from Sta. 45+00 to Sta. 58+00 prior to October 6, 2014.

The Contractor will complete all work, including final permanent erosion control measures, from Sta. 45+00 to Sta. 58+00 on the project by the December 19, 2014 interim completion date.

If the Contractor does not complete the work by the required interim completion date, the Department will assess liquidated damages in the amount of \$500 per working day until the work is complete. The Department will charge working days in accordance with Section 8.6 B.

**Failure to Complete on Time**

The Contractor will complete all work on the project prior to overall completion date or the overall completion date as amended by formally approved time extensions. If the Contractor does not complete all work by the overall completion date or the overall completion date as amended by formally approved time extensions, the Department will assess liquidated damages in accordance with Section 8.7. The Department will assess liquidated damages for each working day the work (project) is late until the Contractor completes all contract work.

In the event the Contractor does not complete the work (project) on time, the Department will charge working days in accordance with Section 8.6 B except that 8.6 B.7 will not apply.

## **Expected Adverse Weather Days**

The Department has provided Attachment 1 for information purposes only as a guide to bidders. This table depicts the typical number of adverse weather days expected for any given month, based on historical records. The Department will consider this project a grading project in Zone 2.

The Department will consider expected adverse weather days cumulative in nature over the total time available for contract completion. When considering a time extension for the overall completion date, the Engineer will compare the total number of expected adverse weather days against the total number of actual adverse weather days for the entire period during which the work was to be completed.

\* \* \* \* \*

# ATTACHMENT 1

Figure A - Expected Adverse Weather Days for South Dakota

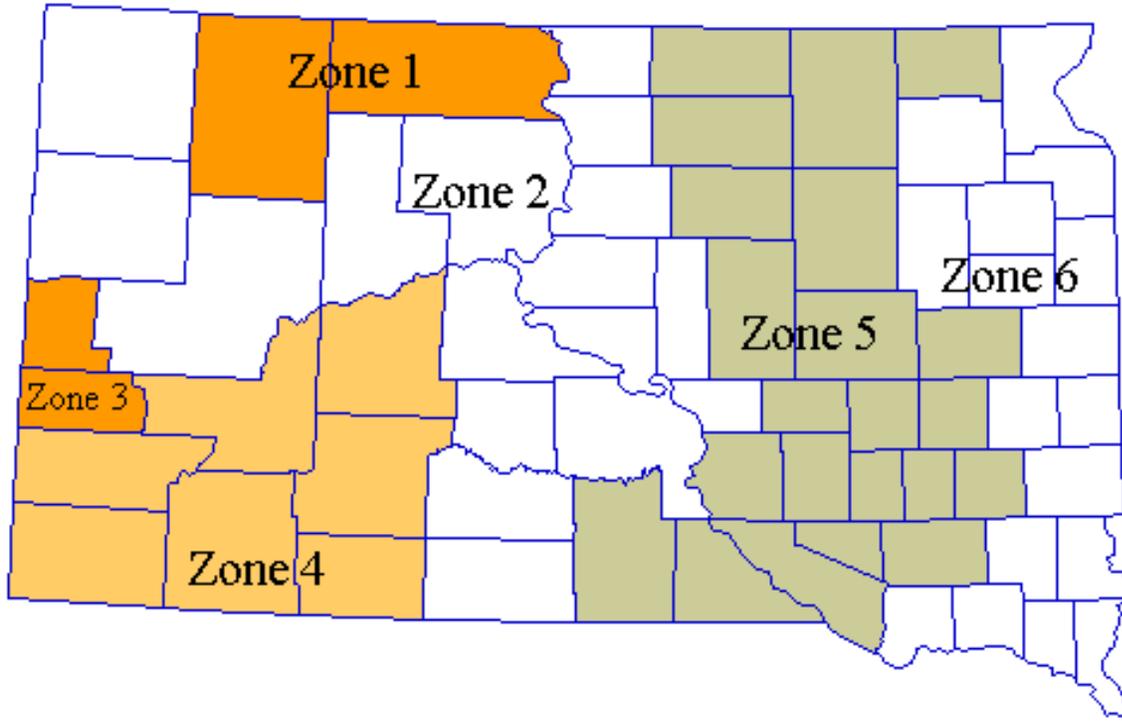


Table 1 - Expected Adverse Weather Days for South Dakota

	Grading Projects						Surfacing and Structural Projects					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Jan	18	18	16	16	22	24	18	18	15	16	21	23
Feb	19	18	12	14	19	21	19	18	12	14	19	21
Mar	12	10	9	8	11	13	12	10	9	8	10	12
Apr	6	5	8	5	6	6	5	4	6	4	4	4
May	6	6	8	6	6	6	5	5	6	4	4	5
Jun	7	6	7	6	7	8	5	5	5	4	5	6
Jul	5	5	6	5	6	7	4	4	5	3	4	5
Aug	4	4	5	4	5	6	3	3	4	3	4	4
Sep	3	3	4	3	4	5	2	2	3	2	3	4
Oct	4	3	5	3	4	4	3	3	4	2	3	3
Nov	11	9	8	7	10	12	11	9	8	7	10	11
Dec	21	19	15	14	20	22	21	19	15	14	20	22

NOTE: Includes Holidays and Weekends.

**STATE OF SOUTH DAKOTA  
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION  
FOR  
SUBLETTING OF CONTRACT**

**PROJECT P 000S(00)08; PCN 04AY  
LYMAN COUNTY**

**MAY 27, 2014**

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**Delete Section 8.1 of the Standard Specifications for Roads and Bridges and replace with the following:**

**8.1 SUBLETTING OF CONTRACT** - The Contractor shall not sublet, sell, transfer, assign, or dispose of the contract or contracts or any portion of them, without written consent of the Engineer. Each request to sublet shall be submitted on the form provided by the Engineer. The Contractor shall submit a request to sublet for any contracting firms a subcontractor proposes to use as a lower tier subcontractor. The Contractor shall obtain approval of each subcontractor before the start of the work performed by the subcontractor.

The Contractor will be permitted to sublet up to 70 percent of the contract amount, based on the contract unit prices, but shall perform work amounting to not less than 30 percent of the total contract amount with his own organization.

The Department will consider the Contractor's own organization to include only workers employed and paid directly by the Contractor, equipment owned or rented by the Contractor, and materials purchased by the Contractor for its use in performing Contract work. This does not include employees, equipment, or materials purchased by or incorporated into work of any subcontractor, assignee, or agent of the Contractor.

The Department will not consider as subcontracting the following; 1) any material produced outside the project limits including but not limited to the production of sand, gravel, crushed stone, batched concrete aggregates, ready mix concrete, off-site fabricated structural steel, other off-site fabricated items, and any materials delivered by established and recognized commercial plants; or 2) delivery of these materials to the work site from an off-site location in vehicles owned or operated by such plants or by recognized independent or commercial hauling companies. Project limits is defined as being within a 1/2 mile radius of the project proper.

Any items designated in the contract as "specialty items" may be performed by subcontract and the cost of designated specialty items performed by subcontract will be deducted from the total contract amount before computing the amount of work required to be performed by the Contractor's own organization.

The Contractor shall give assurance to the Engineer that all pertinent provisions of the prime contract including minimum wage for labor shall apply to the work sublet. Subcontract, or transfer of contract, shall not relieve the Contractor of his responsibilities and liability under the contract and bonds.

\* \* \* \* \*

REV 5/27/14 pm

# ESTIMATE OF QUANTITIES

The Estimate of Quantities below shows the items that are included to complete the work from Station 47+00 to 58+00. This is the area along Game, Fish & Parks Campground. These quantities are also included in the main Estimate of Quantities to the Left.

Bid Item Number	Item	Quantity	Unit
009E0010	Mobilization	Lump Sum	LS
009E3210	Construction Staking	1,100	Mile
009E3250	Miscellaneous Staking	1,100	Mile
009E3300	Three Man Survey Crew	40.0	Hour
100E0100	Clearing	Lump Sum	LS
110E1140	Remove Concrete Sidewalk	2,517.9	SqYd
110E1690	Remove Sediment	19.3	CuYd
110E1693	Remove Erosion Control Wattle	8,390	Ft
110E1700	Remove Silt Fence	1,703	Ft
110E5451	Salvage Riprap	3,230.0	Ton
110E7510	Remove Pipe End Section for Resel	1	Each
120E0010	Unclassified Excavation	28,660	CuYd
120E0300	Borrow Unclassified Excavation	52,540	CuYd
120E6100	Water for Embankment	812.0	MGal
230E0010	Placing Topsoil	3,500	CuYd
230E0020	Placing Contractor Furnished Topsoil	2,123	CuYd
250E0020	Incidental Work, Grading	Lump Sum	LS
450E0202	48" RCP Class 2, Furnish	52	Ft
450E0210	48" RCP, Install	52	Ft
450E4759	18" CMP 16 Gauge, Furnish	348	Ft
450E4760	18" CMP, Install	348	Ft
450E4769	24" CMP 16 Gauge, Furnish	82	Ft
450E4770	24" CMP, Install	82	Ft
450E4809	48" CMP 16 Gauge, Furnish	84	Ft
450E4810	48" CMP, Install	84	Ft
450E5010	18" CMP Elbow, Furnish	8	Each
450E5011	18" CMP Elbow, Install	8	Each
450E5015	24" CMP Elbow, Furnish	2	Each
450E5016	24" CMP Elbow, Install	2	Each
450E5035	48" CMP Elbow, Furnish	2	Each
450E5036	48" CMP Elbow, Install	2	Each
450E9001	Reset Pipe End Section	1	Each
600E0200	Type II Field Laboratory	1	Each
634E0010	Flagging	120	Hour
634E0100	Traffic Control	544	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
651E0140	4" Reinforced Concrete Sidewalk	22,716	SqFt
700E0210	Class B Riprap	20,673.0	Ton
700E2010	Place Riprap	3,230.0	Ton
730E0100	Cover Crop Seeding	40.0	Bu
730E0200	Type A Permanent Seed Mixture	259	Lb
731E0200	Fertilizing	8.02	Ton
732E0100	Mulching	48.8	Ton
734E0044	Soil Stabilizer	2.6	Acre
734E0151	9" Diameter Erosion Control Wattle	8,390	Ft
734E0165	Remove and Reset Erosion Control Wattle	2,098	Ft
734E0325	Surface Roughening	2.6	Acre
734E0602	Low Flow Silt Fence	6,810	Ft
734E0610	Mucking Silt Fence	473	CuYd
734E0630	Floating Silt Curtain	5,905	Ft
831E0110	Type B Drainage Fabric	27,383	SqYd
831E1000	Slope Face Stabilization Fabric	19,514	SqYd
900E1320	Construction Entrance	2	Each

Bid Item Number	Item	Quantity	Unit
110E1700	Remove Silt Fence	300	Ft
110E5451	Salvage Riprap	2,080.0	Ton
120E0010	Unclassified Excavation	5,945	CuYd
120E0300	Borrow Unclassified Excavation	10,510	CuYd
120E6100	Water for Embankment	165.0	MGal
230E0010	Placing Topsoil	360	CuYd
230E0020	Placing Contractor Furnished Topsoil	56	CuYd
634E0010	Flagging	30	Hour
700E0210	Class B Riprap	2,859.0	Ton
700E2010	Place Riprap	2,080.0	Ton
730E0200	Type A Permanent Seed Mixture	14	Lb
731E0200	Fertilizing	0.60	Ton
732E0100	Mulching	1.6	Ton
734E0602	Low Flow Silt Fence	1,200	Ft
734E0610	Mucking Silt Fence	83	CuYd
734E0630	Floating Silt Curtain	1,170	Ft
831E0110	Type B Drainage Fabric	5,027	SqYd

## SPECIFICATIONS

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

**UTILITIES**

The Contractor shall be aware that the existing utilities shown in the plans were surveyed prior to the design of this project and might have been relocated or replaced by a new utility facility prior to construction of this project, might be relocated or replaced by a new utility facility during the construction of this project, or might not require adjustment and may remain in its current location. The Contractor shall contact each utility owner and confirm the status of all existing and new utility facilities. The utility contact information is provided elsewhere in the plans or bidding documents.

It is noted that there is buried fiber optic line within the project boundaries. The Contractor will need to coordinate with Midstate Communications to accomplish work in areas of the fiber optic cable.

**CLEARING**

Before clearing activities begin, the Contractor shall contact the Engineer to determine the limits of clearing for the project. If the trees or shrubs that are supposed to remain within the limits of work are damaged or destroyed by the Contractor, the Contractor shall replace them with the same size and type at the Contractor's expense.

**TYPE II FIELD LABORATORY**

Substitution of a cellular telephone for the hard-wired touch-tone telephone is not allowed, as state personnel need the ability to download information over direct phone lines. The phone is intended for state personnel usage only. Contractor personnel are prohibited from using this phone 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 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 II Field Laboratory".

**GRADING OPERATIONS**

Water for Embankment is estimated at the rate of 10 gallons of water per cubic yard of Embankment minus Waste.

The estimated cubic yards of excavation and/or embankment required to construct outlet ditches, ditch blocks, and approaches are included in the earthwork balance notes on the profile sheets.

If significant changes to the cross sections are necessary during construction, the Engineer shall contact the Designer for the proposed change.

**SHRINKAGE FACTOR:** Embankment +35%

**TABLE OF EXCAVATION QUANTITIES BY BALANCES**

Station to	Station	Excavation (CuYd)	* Borrow Unclass. Exc. (CuYd)	Total Excavation (CuYd)	** Dead Haul (CuYdSta)
0+00	47+00	22215	39530	61745	830130
47+00	58+00	5945	10010	15955	135135
Totals:		28160	49540	77700	0

\* The quantities for these items are in the Estimate of Quantities under their respective bid items.

\*\* The quantities for these items are for information only.

**TABLE OF UNCLASSIFIED EXCAVATION**

Excavation	28160
Topsoil	500
Total	28660

**PROCEDURES FOR DETERMINING UNCLASSIFIED EXCAVATION QUANTITY**

When plan quantities are used for payment, the Unclassified Excavation quantity shall be used for final payment. If final cross sections are taken in the field, add all of the items in the Table of Unclassified Excavation using the following procedures:

The Unstable Material Excavation quantity is included in the Excavation quantity listed in the Table of Unclassified Excavation. When finaling a project, the Unstable Material Excavation quantity shall be added to the Excavation quantity to compute the Unclassified Excavation quantity.

The Topsoil quantity in the Table of Unclassified Excavation is an estimate. When finaling a project, the total quantity of field measured Topsoil shall be used in place of the estimated Topsoil quantity. The quantity of Topsoil from the cuts will be paid for twice as Unclassified Excavation, as it will be in both the Excavation and Topsoil quantities. This will be full compensation for Excavation, which includes necessary undercutting to provide space for placement of topsoil.

The Excavation quantities from individual balances and the Table of Unclassified Excavation have been reduced by the volume of in place surfacing that will be removed.

**TABLE OF BORROW UNCLASSIFIED EXCAVATION**

Borrow Unclassified Excavation	(CuYd)	49,540
Topsoil in Borrow Pit		3,000
Total:		52,540

**DEAD HAUL**

Included in the Table of Excavation Quantities by Balances is Dead Haul. This is not a pay item and is for informational purposes only. The mass haul diagram is available at the Mitchell Region and Mitchell Area offices for use in figuring this haul.

Dead Haul: Estimated quantity (CuYdSta) for moving borrow excavation material from the borrow site to the centerline mainline station listed in the Table of Borrow Pits.

**TABLE OF BORROW PITS**

Site	Station	L/R	Dead Haul Distance (Sta)	Borrow Exc. (CuYd)	Dead Haul (CuYdSta)
1	30+00	L	21	39,530	830,130
1	54+50	L	13.5	10,010	135,135

Stations in the above table are not pit locations, but stations where the borrow is interjected into the earthwork balance for haul calculations.

The quantities listed in the above table for Dead Haul are for information only. The Dead Haul quantities are also included in the Table of Excavation Quantities by Balances.

The quantities listed in the above table for Borrow Excavation are also included in the Table of Excavation Quantities by Balances.

**STOCKPILING OF MATERIAL**

Stockpiling of material and/or staging of equipment shall be done in a manner as to avoid overloading slopes, slide areas, and cut banks. The area at Station 33+00+/- has been preapproved as a stockpile site. All other areas between Mickelson Drive and the top of the cut bank that the contractor would like to utilize for stockpiling of material will require approval by the Engineer.

**DAMAGE OF SHORELINE DRIVE**

The Contractor shall take care not to damage Shoreline Drive and shall make attempts to use driving and haul patterns to minimize damage to the asphalt concrete roadway and shoulders.

**CONSTRUCTION ENTRANCE**

The Contractor shall install a Construction Entrance at locations where there is a potential for mud tracking and sediment flow from the construction site and work area onto a paved public roadway.

It is the Contractor's option to use the SDDOT Construction Entrance (See SDDOT Construction Entrance notes and details), a product from the list provided in these notes, or other products or processes as approved by the Engineer during construction.

If the Contractor elects to use one of the products listed in the table, then the Contractor shall install the construction entrance product in accordance with the manufacturer's installation instructions or as directed by the Engineer.

The Contractor shall maintain the construction entrance such that mud tracking and sediment flow will not enter the roadway or adjacent drainage areas. The construction entrance shall be routinely inspected and the Contractor shall repair or replace material as deemed necessary by the Engineer.

All costs for furnishing, installing, maintaining, and removal of the construction entrance including equipment, labor, materials, and incidentals shall be included in the contract unit price per each for "Construction Entrance".

The following table is a list of known construction entrance products available for use:

<u>Product</u>	<u>Manufacturer</u>
Grizzly Rumble Grate (10' width and 24' length required)	Trackout Control, LLC Tempe, AZ Phone: 1-800-761-0056 <a href="http://www.trackoutcontrol.com">www.trackoutcontrol.com</a>
Rumble Grid (12' width and 24' length including combination of grids and ramps required)	Pro-Tec Equipment, Inc. Charlotte, MI Phone: 1-800-292-1225 <a href="http://www.pro-tecequipment.com">www.pro-tecequipment.com</a>

**SDDOT CONSTRUCTION ENTRANCE**

If the SDDOT Construction Entrance is utilized, then the Contractor shall install the SDDOT Construction Entrance in accordance with these notes and the detail drawings.

Pit run material shall be obtained from a granular source and shall conform to the following gradation:

<u>Sieve Size</u>	<u>Percent Passing</u>
6"	100%
#4	0-60%
#200	0-20%

The pit run material shall be compacted to the satisfaction of the Engineer.

The aggregate for the granular material shall conform to the following gradation requirements:

<u>Sieve Size</u>	<u>Percent Passing</u>
3"	100%
2 1/2"	90-100%
1 1/2"	25-60%
3/4"	0-10%
1/2"	0-5%

The granular material shall be placed in 6" maximum lifts.

It is anticipated that the granular material will need to be periodically removed and replaced as it becomes inundated with mud and sediment.

The MSE geotextile shall conform to Section 831 of the Specifications. The MSE geotextile shall be on the Approved Products List for this material or will be certified by the supplier to meet this specification prior to installation.

The MSE geotextile should be kept as taut as possible prior to placing.

Equipment shall not be allowed on the MSE geotextile until the first lift of granular material is in place.

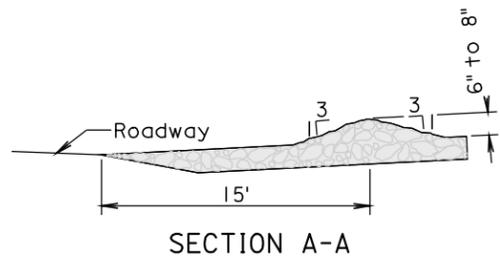
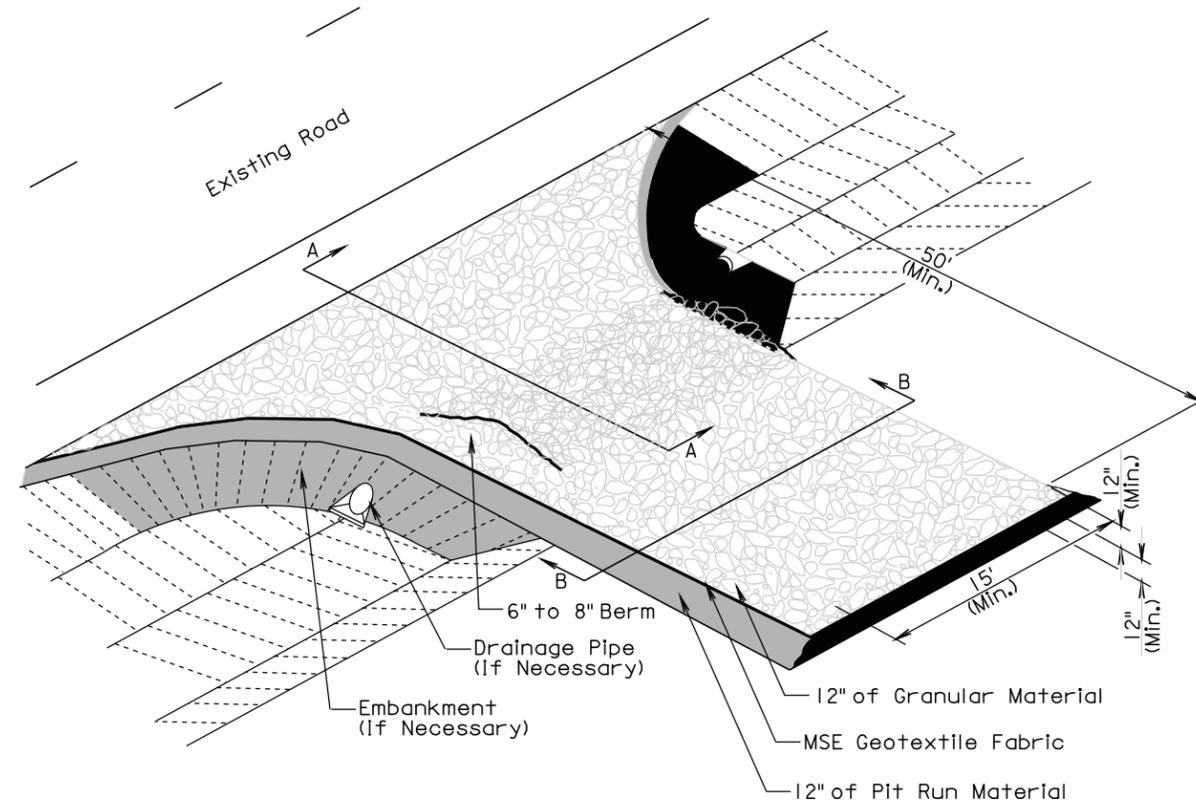
All seams in the MSE geotextile shall be overlapped at least 2' and shingled.

# CONSTRUCTION ENTRANCE

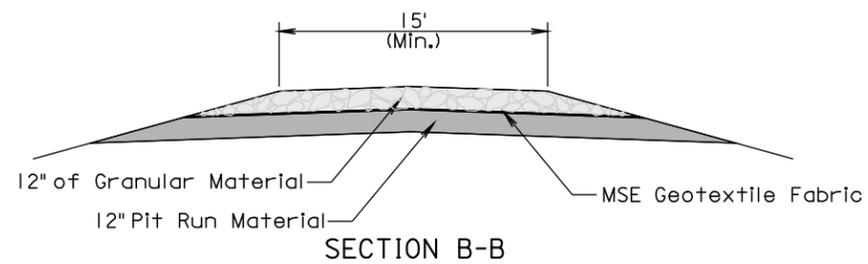
REV 5/27/14 pm

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 000S(00)08	40a	110

Plotting Date: 22-DEC-2010



SECTION A-A



SECTION B-B

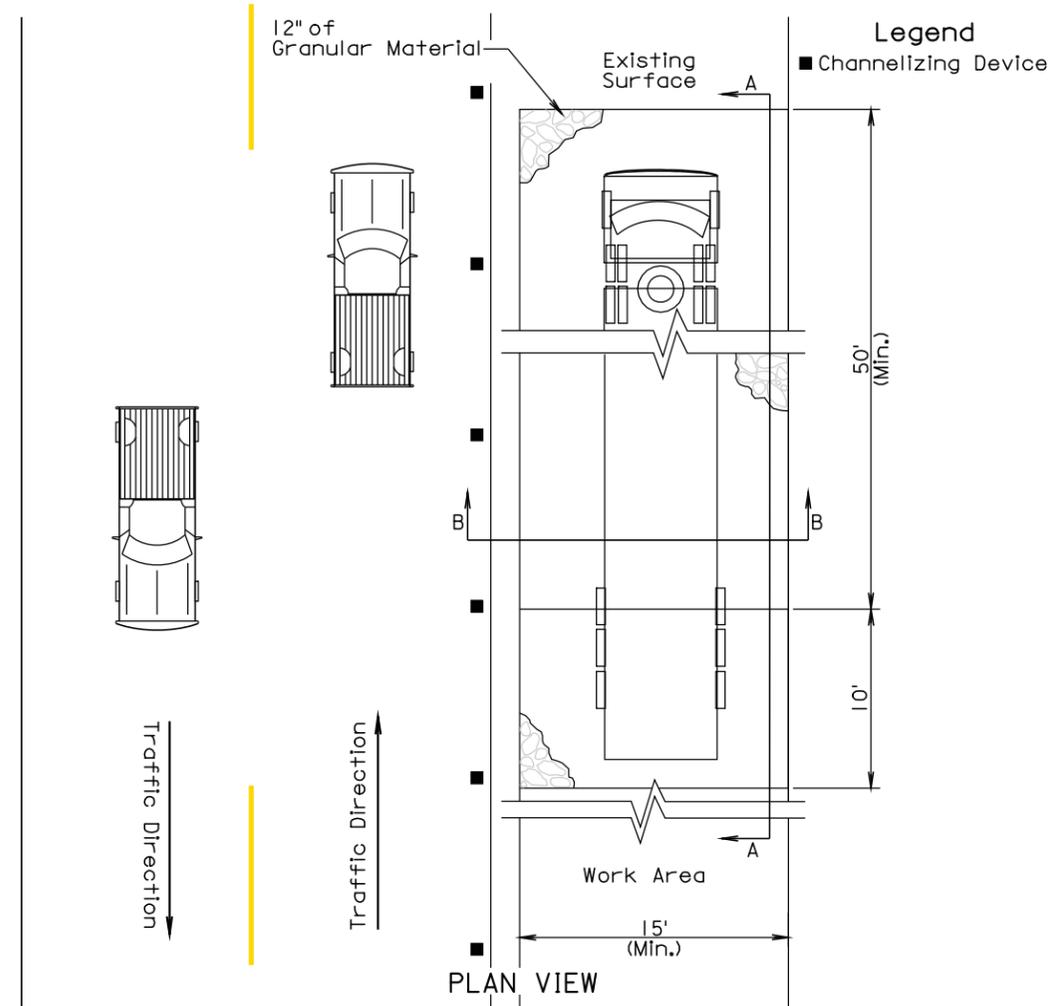
**GENERAL NOTES:**

If the grade of the entrance slopes down to the roadway, a berm of extra rock shall be used to prevent sediment or mud from being deposited on the roadway. See SECTION A-A.

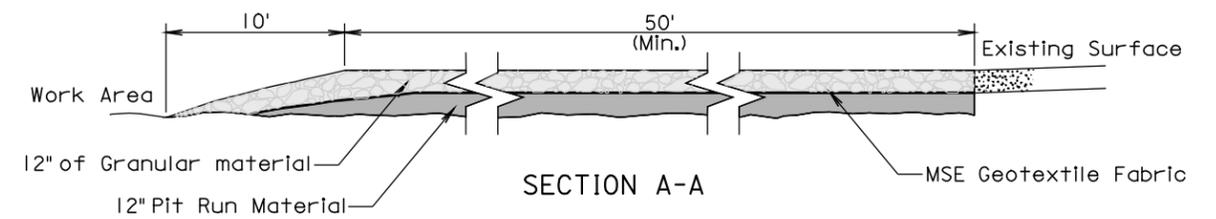
If a drainage pipe is necessary the size and type shall be determined by the Contractor to meet field conditions. All cost shall be incidental to the various bid items.

If embankment is necessary it shall be pit run material.

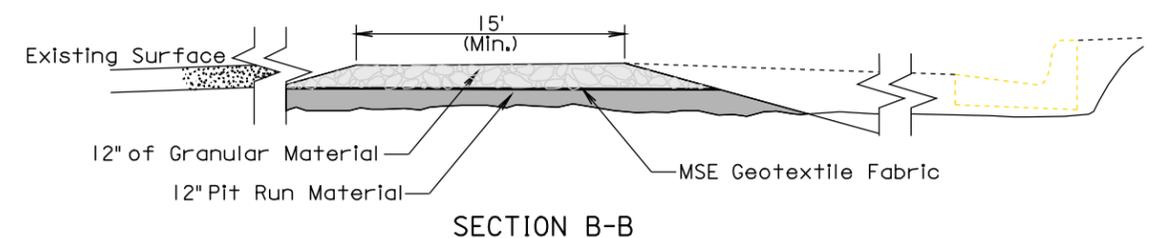
## TRANSVERSE TO ROADWAY



PLAN VIEW



SECTION A-A



SECTION B-B

## PARALLEL TO ROADWAY

PLOT SCALE - 200,000000:1,000000

PLOTTED FROM - TRPB17200

FILE - U:\RD\MISC\DESIGN\TOPIC\SC\BMP\CONSTRUCTION ENTRANCE\STABILIZEDCONENT - STABILIZEDCONENT