



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

August 13, 2013

Addendum No. 1

RE: Contract ID C203129

WBS # 52500.3.STR01T4

F. A. # FRA-FR-HSR-0006-10-01-00

Alamance County (P-5205)

Haw River From NS/NCRR MP-23.4 West Of SR-1719 Crossing To
MP-H-25.5 At NC-49 Underpass

August 20, 2013 Letting

To Whom It May Concern:

You are hereby notified that the track work phasing sheets associated with the grading on this project have been posted to the web. This information will not be mailed out as a part of this addendum nor is this track work a part of this contract.

Reference is made to the plans and proposal form furnished to you on this project.

The following revisions have been made to the proposal form:

On Page No. 1 the completion date was revised within the project special provisions entitled "Contract Time and Liquidated Damages" and "Intermediate Contract Time Number 1 and Liquidated Damages". Please void Page No. 1 in your proposal and staple the revised Page No. 1 thereto.

On Page Nos. 2 and 3 and New Page No. 3A, Intermediate Contract Times Number 2, 3 and 4 have been modified to add "Incentive/Disincentive" language. Please void Page Nos. 2 and 3 in your proposal and staple the revised Page Nos. 2 and 3 and New Page No. 3A thereto.

New Page No. 3B has been added to contain the project special provisions entitled "Intermediate Contract Time Number 5 and Liquidated Damages" and "Permanent Vegetation Establishment" previously contained on Page No. 3. Also on New Page No. 3B the project special provision entitled "Delay In Right Of Entry" has been added. Please staple New Page No. 3B after new Page No. 3A in your proposal.

On Page No. 7 the project special provision entitled "Schedule Of Estimated Completion Progress" has been revised. Please void Page No. 7 in your proposal and staple the revised Page No. 7 thereto.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-707-8900
FAX: 919-250-4119

WEBSITE: www.ncdot.gov

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

C203129

P-5205
Alamance

On Page No. 30 a revision was made in the second paragraph of Section (A)(2)(d) of the "Railroad Insurance: Special Provisions For Protection Of Railway Interests". Please void Page No. 30 in your proposal and staple the revised Page No. 30 thereto.

On Page No. 37 a new paragraph has been added and the last paragraph has been modified in the section entitled "Contractor Furnished Two Way Radios". Please void Page No. 37 in your proposal and staple the revised Page No. 37 thereto.

New Page No. 53A has been added to include the project special provision entitled "Note To Contractor". Please staple New Page No. 53A after Page No. 53 in your proposal.

On Page No. 105 a revision was made to the Table describing the limits of excavation to add some missing information. Please void Page No. 105 in your proposal and staple the revised Page No. 105 thereto.

The Table of Contents has been revised as appropriate to reflect the above noted changes. Please void the Table of Contents in your proposal and staple the revised Table of Contents thereto.

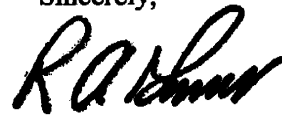
On the item sheets the following pay item has been added:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
153-0000400000-N-801	Construction Surveying	NEW ITEM	Lump Sum
154-1044000000-E-501	Lime Treated Soil (Slurry Method)	NEW ITEM	1,000 SY

The Contractor's bid must include these added pay items. The contract will be prepared accordingly.

The Expedite File has been updated to reflect these revisions. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely,



R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. Ron Hancock, PE
Mr. Mike Mills, PE
Ms. D. M. Barbour, PE
Mr. J. V. Barbour, PE
Mr. Paul Worley, CPM
Mr. R.E. Davenport, PE
Ms. Lori Strickland
Project File (2)

Mr. Ray Arnold, PE
Ms. Natalie Roskam, PE
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Marsha Sample
Ms. Penny Higgins
Ms. Jaci Kincaid

Revised 8-13-13

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PROJECT SPECIAL PROVISIONS

GENERAL

CONTRACT TIME AND LIQUIDATED DAMAGES:

(8-15-00) (Rev. 12-18-07)

108

SP1 G07 A

The date of availability for this contract is **September 30, 2013**, except that work in jurisdictional waters and wetlands shall not begin until a meeting between the DOT, Regulatory Agencies, and the Contractor is held as stipulated in the permits contained elsewhere in this proposal. This delay in availability has been considered in determining the contract time for this project.

The completion date for this contract is **May 15, 2016**.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **Two Hundred Dollars (\$200.00)** per calendar day. These liquidated damages will not be cumulative with any liquidated damages which may become chargeable under Intermediate Contract Time Number 1.

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:

(7-1-95) (Rev. 2-21-12)

108

SP1 G13 A

Except for that work required under the Project Special Provisions entitled *Planting, Reforestation* and/or *Permanent Vegetation Establishment*, included elsewhere in this proposal, the Contractor will be required to complete all work included in this contract and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **September 30, 2013**.

The completion date for this intermediate contract time is **November 16, 2015**.

The liquidated damages for this intermediate contract time are **Eight Hundred Dollars (\$800.00)** per calendar day.

Upon apparent completion of all the work required to be completed by this intermediate date, a final inspection will be held in accordance with Article 105-17 and upon acceptance, the Department will assume responsibility for the maintenance of all work except *Planting, Reforestation* and/or *Permanent Vegetation Establishment*. The Contractor will be responsible for and shall make corrections of all damages to the completed roadway caused by his planting operations, whether occurring prior to or after placing traffic through the project.

Revised 8-13-13

INTERMEDIATE CONTRACT TIME NUMBER 2 AND INCENTIVE PAYMENT AND DISINCENTIVE:

The Contractor shall complete all required work shown in the plans, that is not in conflict with the existing operational track, including installation and maintenance of erosion control, seeding and mulching, clearing and grubbing, installation of or moving utilities, undercutting, installation of ditches and pipe necessary for positive drainage, placement and compaction of rail bed, access roads, placement and compaction of sub ballast, and fences and gates in accordance with plans and details. The station limits for this intermediate contract time are as follows:

- ML- Station 1140+00 to 1150+00, all work both sides of track.
- ML- Station 1202+00 to -TEMP- 1218+75, left side of existing track.
- ML- Station 1241+00 to 1248+00, all work both sides of track.

The date of availability for this intermediate contract time is the date the Contractor elects to begin this work.

The completion date for this intermediate contract time is **June 2, 2014**.

It is mutually agreed that time is of the essence in completing **the work as stated above**. It is further mutually agreed a delay in completing this work will result in damage due to increased engineering and inspection costs to the Department of Transportation, great hardship to the general public, public inconvenience, obstruction of traffic, interference with business, and increased cost of maintaining traffic.

By reason of the necessity of expeditious completion of the work **as stated above**, it is mutually agreed, the Contractor shall receive an incentive payment of **One Thousand Five Hundred Dollars (\$1,500.00)** per calendar day for each day prior to **June 2, 2014** that this work is completed. Incentive payment shall be limited to a maximum of **Thirty Thousand Dollars (\$30,000.00)**. No incentive payment shall be allowed for any calendar day after **June 2, 2014** that this work remains incomplete. This **June 2, 2014** date shall be utilized in determining incentive payments and it shall not be revised for any reason whatsoever. Incentive payment determined to be due the Contractor, shall be paid by the Department within forty-five (45) calendar days after completion of all work. No incentive payment shall be allowed if the contract is terminated under the provisions of Article 108-13 of the *2012 Standard Specifications*.

Disincentive of **One Thousand Five Hundred Dollars (\$1,500.00)** per calendar day shall be assessed the Contractor for each day beyond the completion date the work is not completed.

The Engineer shall withhold the disincentives as they accrue from the amount of monies due on work performed in the contract. The withholding of the disincentives shall be in addition to the normal percentage retained as noted in Article 109-4 of the *2012 Standard Specifications*.

Revised 8-13-13

INTERMEDIATE CONTRACT TIME NUMBER 3 AND INCENTIVE PAYMENT AND DISINCENTIVE:

The Contractor shall complete all required work shown in the plans, that is not in conflict with the existing operational track, including installation and maintenance of erosion control, seeding and mulching, clearing and grubbing, installation of or moving utilities, undercutting, installation of ditches and pipe necessary for positive drainage, placement and compaction of rail bed, access roads, placement and compaction of sub ballast, and fences and gates in accordance with plans and details. The station limits for this intermediate contract time are as follows:

-ML- Station 1150+00 to 1207+00, all work both sides of track.

The date of availability for this intermediate contract time is the date the Contractor elects to begin this work.

The completion date for this intermediate contract time is **August 1, 2014**.

It is mutually agreed that time is of the essence in completing **the work as stated above**. It is further mutually agreed a delay in completing this work will result in damage due to increased engineering and inspection costs to the Department of Transportation, great hardship to the general public, public inconvenience, obstruction of traffic, interference with business, and increased cost of maintaining traffic.

By reason of the necessity of expeditious completion of the work **as stated above**, it is mutually agreed, the Contractor shall receive an incentive payment of **One Thousand Five Hundred Dollars (\$1,500.00)** per calendar day for each day prior to **August 1, 2014** that this work is completed. Incentive payment shall be limited to a maximum of **Forty-Five Thousand Dollars (\$45,000.00)**. No incentive payment shall be allowed for any calendar day after **August 1, 2014** that this work remains incomplete. This **August 1, 2014** date shall be utilized in determining incentive payments and it shall not be revised for any reason whatsoever. Incentive payment determined to be due the Contractor, shall be paid by the Department within forty-five (45) calendar days after completion of all work. No incentive payment shall be allowed if the contract is terminated under the provisions of Article 108-13 of the *2012 Standard Specifications*.

Disincentive of **One Thousand Five Hundred Dollars (\$1,500.00)** per calendar day shall be assessed the Contractor for each day beyond the completion date the work is not completed.

The Engineer shall withhold the disincentives as they accrue from the amount of monies due on work performed in the contract. The withholding of the disincentives shall be in addition to the normal percentage retained as noted in Article 109-4 of the *2012 Standard Specifications*.

C203129 (P-5205)

3A

Alamance County

Revised/New 8-13-13

INTERMEDIATE CONTRACT TIME NUMBER 4 AND INCENTIVE PAYMENT AND DISINCENTIVE:

The Contractor shall complete all required work shown in the plans, that is not in conflict with the operational track, including installation and maintenance of erosion control, seeding and mulching, clearing & grubbing, installation of or moving utilities, undercutting, installation of ditches and pipe necessary for positive drainage, grading and compaction of rail bed, access roads and signal pad, placement and compaction of sub ballast, and gates in accordance with plans and details. The station limits for this intermediate contract time are as follows:

-Siding- Station 1150+00 to 1241+00, all work both sides of track.

The date of availability for this intermediate contract time is the date the Contractor elects to begin this work.

The completion date for this intermediate contract time is **April 15, 2015**.

It is mutually agreed that time is of the essence in completing **the work as stated above**. It is further mutually agreed a delay in completing this work will result in damage due to increased engineering and inspection costs to the Department of Transportation, great hardship to the general public, public inconvenience, obstruction of traffic, interference with business, and increased cost of maintaining traffic.

By reason of the necessity of expeditious completion of the work **as stated above**, it is mutually agreed, the Contractor shall receive an incentive payment of **Three Thousand Dollars (\$3,000.00)** per calendar day for each day prior to **April 15, 2015** that this work is completed. Incentive payment shall be limited to a maximum of **Seventy-Five Thousand Dollars (\$75,000.00)**. No incentive payment shall be allowed for any calendar day after **April 15, 2015** that this work remains incomplete. This **April 15, 2015** date shall be utilized in determining incentive payments and it shall not be revised for any reason whatsoever. Incentive payment determined to be due the Contractor, shall be paid by the Department within forty-five (45) calendar days after completion of all work. No incentive payment shall be allowed if the contract is terminated under the provisions of Article 108-13 of the *2012 Standard Specifications*.

Disincentive of **Three Thousand Dollars (\$3,000.00)** per calendar day shall be assessed the Contractor for each day beyond the completion date the work is not completed.

The Engineer shall withhold the disincentives as they accrue from the amount of monies due on work performed in the contract. The withholding of the disincentives shall be in addition to the normal percentage retained as noted in Article 109-4 of the *2012 Standard Specifications*.

C203129 (P-5205)

3B

Alamance County
Revised / New 8-13-13

INTERMEDIATE CONTRACT TIME NUMBER 5 AND LIQUIDATED DAMAGES:

(2-20-07) (Rev. 6-18-13)

108

SPI G14 H

The Contractor shall complete the work required of **Steps 4 - 6** as shown on Sheet **TMP- 1C** and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is the date the Contractor elects to begin the work.

The completion date for this intermediate contract time is the date which is **sixty (60)** consecutive calendar days after and including the date the Contractor begins this work.

The liquidated damages are **Five Thousand Dollars (\$ 5,000.00)** per calendar day.

PERMANENT VEGETATION ESTABLISHMENT:

(2-16-12)

104

SPI G16

Establish a permanent stand of the vegetation mixture shown in the contract. During the period between initial vegetation planting and final project acceptance, perform all work necessary to establish 80% coverage of permanent vegetation within the project limits, as well as, in borrow and waste pits. This work shall include erosion control device maintenance and installation, repair seeding and mulching, supplemental seeding and mulching, mowing, and fertilizer topdressing, as directed. All work shall be performed in accordance with the applicable section of the *2012 Standard Specifications*.

Once the Engineer has determined that 80% coverage of permanent vegetation has been established, the Contractor will be notified to remove the remaining erosion control devices that are no longer needed. The Contractor will be responsible for, and shall correct any areas disturbed by operations performed in permanent vegetation establishment and the removal of temporary erosion control measures, whether occurring prior to or after placing traffic on the project.

Payment for *Response for Erosion Control, Seeding and Mulching, Repair Seeding, Supplemental Seeding, Mowing, Fertilizer Topdressing, Silt Excavation, and Stone for Erosion Control* will be made at contract unit prices for the affected items. Work required that is not represented by contract line items will be paid in accordance with Articles 104-7 or 104-3 of the *2012 Standard Specifications*. No additional compensation will be made for maintenance and removal of temporary erosion control items.

DELAY IN RIGHT OF ENTRY:

(7-1-95)

108

SPI G22 A

The Contractor will not be allowed right of entry to the parcels listed below before March 1, 2014 unless otherwise permitted by the Engineer.

<u>Parcel No.</u>	<u>Property Owner</u>
15	Payne Oil Company, Inc.

C203129 (P-5205)

7

Alamance County

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The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type _____	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Sand Asphalt Surface Course, Type _____	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
___" Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to ___" Pavement	Gal/SY	0.245

SCHEDULE OF ESTIMATED COMPLETION PROGRESS:

(7-15-08) (Rev. 5-21-13)

108-2

SPI G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability of Funds Termination of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

	<u>Fiscal Year</u>	<u>Progress (% of Dollar Value)</u>
2014	(7/01/13 - 6/30/14)	48% of Total Amount Bid
2015	(7/01/14 - 6/30/15)	43% of Total Amount Bid
2016	(7/01/15- 6/30/16)	9% of Total Amount Bid

The Contractor shall also furnish his own progress schedule in accordance with Article 108-2 of the *2012 Standard Specifications*. Any acceleration of the progress as shown by the Contractor's progress schedule over the progress as shown above shall be subject to the approval of the Engineer.

DISADVANTAGED BUSINESS ENTERPRISE FOR RAILROAD PIEDMONT IMPROVEMENT PLAN (PIP):

(12-18-12) (Rev. 5-21-13)

102-15(J)

SPI G64

Description

The purpose of this Special Provision is to promote the solicitation and use of disadvantaged minority and woman-owned businesses in the rail PIP projects let by the Department of Transportation.

Norfolk Southern Railway Company
Three Commercial Place
Norfolk, Virginia 23510-2191
Attn: Risk Management

- (d) The description of operations must appear on the Declarations, must match the project description in this agreement, and must include the appropriate Department project and contract identification numbers.

Construction of new railroad roadbed for a passing siding and mainline relocation, utility relocation and roadway improvements from west Pomeroy Street to the NC 49 underpass, adjacent to the tracks owned by North Carolina Railroad Company and operated by Norfolk Southern Railway, in Alamance County, North Carolina, identified as State TIP P-5205 and Federal Project FRA FR 0006 10 01 00.

- (e) The job location must appear on the Declarations and must include the city, state, and appropriate highway name/number.
- (f) The name and address of the prime contractor must appear on the Declarations.
- (g) The name and address of the Department must be identified on the Declarations as the "Involved Governmental Authority or Other Contracting Party."
- (h) Other endorsements/forms that will be accepted are:
- (1) Broad Form Nuclear Exclusion – Form IL 00 21
 - (2) 30-day Advance Notice of Non-renewal or cancellation
 - (3) 60-day written notice be given the Department prior to cancellation or change
 - (4) Quick Reference or Index Form CL/IL 240
- (i) Endorsements/forms that are NOT acceptable are:
- (1) Any Pollution Exclusion Endorsement except CG 28 31
 - (2) Any Punitive or Exemplary Damages Exclusion
 - (3) Known injury or Damage Exclusion form CG 00 59
 - (4) Any Common Policy Conditions form
 - (5) Any other endorsement/form not specifically authorized in item no. 2.h above.

(B) If any part of the work is sublet, similar insurance, and evidence thereof as specified in A.1 above, shall be provided by or on behalf of the subcontractor to cover its operations on Railroad's right of way. As an alternative, the Prime Contractor may provide insurance for the subcontractor by means of separate and individual policies.

(C) Prior to entry on Company's corridor, the original and one duplicate copy of the Railroad Protective Liability Insurance Policy shall be submitted by the Prime Contractor to the Department at the address below for its review and transmittal to the Company and Railroad. In addition, certificates of insurance evidencing the Prime Contractor's and any subcontractors' Commercial General Liability Insurance shall be issued to the Department, Company and Railroad at the addresses below, and one certified copy of the

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Upon completion of the work, the Contractor shall remove from within the limits of the Company's right of way, all machinery, equipment, surplus materials, falsework, rubbish or temporary buildings of the Contractor, and leave said right of way in a neat condition satisfactory to the Chief Engineer of the Railroad or his authorized representative and satisfactory to the Company's authorized representative. Cleanup also includes removal, replacement or cleaning of soiled or contaminated ballast in the construction area.

DAMAGES

The contractor shall assume all liability for any and all damages to his work, employees, servants, equipment and materials caused by railroad traffic.

Any cost incurred by the Company of Railroad for repairing damages to its corridor or to property of its tenants, caused by or resulting from the operations of the Contractor, shall be paid directly to the Company or Railroad by the Contractor.

CONTRACTOR FURNISHED TWO WAY RADIOS

The Contractor shall furnish a minimum of 3 push to talk, two way radios that operate on a frequency unique to the project and separate from NSR frequencies. The operational frequency should not be the same as the frequency on adjacent jobs unless directed by the Railroad Engineer. The radios will be used for communication between the RWIC/flagman or the Railroad's designated contact and the Contractor's Superintendent or designated contact on the job for safety. The Contractor will need to maintain at least 3 working radios at all time during the project. Project conditions and the contractors work may require the need for more than 3 radios on the project. It shall be the Contractors responsibility to furnish the number of radios required by NSR and NCDOT to maintain safety on the project. Failure on the part of the contractor to have working radios on site, can result in suspension of the work until the requirements of provision is met. There will be no direct payment for the cost of furnishing the radios. The cost will be included in other items of work in the contract.

Contractor shall provide radios capable of transmitting and receiving clearly, from any location within project limits. Relaying messages from one radio operation to another will not be an acceptable method. Any upgrades or additional equipment necessary to provide clear transmissions between two single radios, including signal repeaters will be considered incidental to the provision of radios and will not be subject to additional compensation.

The Contractor will need to submit information about the radios prior to use for approval by the Railroad.

The contractor shall have no claims whatsoever against the Railroad or the Department for any delays or additional cost incurred as a result of failure to have the required number of working radios on site each day or as a result of insufficient radio communication.

FLAGGING SERVICES

All work to be performed by the Contractor within the Railroad Right of Way shall require a flagman be present. Any work to be performed by the contractor requiring flagging service shall be deferred by the contractor until the flagging protection required by the railroad is available at the job site. It will take approximately 30 days from the date the railroad receives notification of award from the NCDOT to provide flagging protection for this project.

(A) When Required

Under the terms of the agreement between the Department and the Railroad, the Railroad has sole authority to determine the need for flagging required to protect its operations. In general, the requirements of such services will be whenever the Contractor's personnel

NOTE TO CONTRACTOR:

1. The waste area shown on Sheet S-2 shall be cleared but not grubbed or stripped of topsoil. Existing stumps are to remain and no new stumps are allowed to be placed in the waste area. Waste material shall be placed and tracked in to be stable; however, no specific lift depth or compaction is required. The designated waste area is of sufficient size to place all waste material from the project.
2. Remove the below listed improvements in accordance with Section 210 of the *Standard Specifications*. All other buildings and improvements will be removed under separate contract.

Name	Parcel ID	Sheet	Extent of Impacts
Richard and Judy Holmes	146430	6	Do Not Disturb a shed, nor any other existing improvement in the corridor.
Richard and Judy Holmes	146440	6	Do Not Disturb a small shed, which is within the rail corridor. There is an existing woven wire fence, in the corridor, that is not shown on the plans. The Contractor is, to remove this existing fence that is within the rail corridor, to the extent that is required by the Project. Beware of dogs.
Jose Bravo and Virginia Mendez	146441	6	Contractor is to remove existing fence within the rail corridor, and NOT to construct any new fence.
Marshall Smith	146442	6	Contractor is to remove existing fence within the rail corridor, only after verification with NCR. NCR plans to have a third party contractor construct a new 4' chain link fence outside of the corridor, before the existing fence is removed. Beware of dogs.
Humbertina Hernandez	146446	6	Fence, and dog house, to be removed by 8/12/13 by property owner; Contractor is to remove existing fence if not removed by owner by start of project. Contractor not to construct any new fence.
Charles and Fran Wagstaff	146675	6, 7	Do Not Disturb Deck. Contractor is to remove existing fence within the rail corridor, and the workshop and the buried electrical serving the workshop. No fence to be constructed by the Contractor.
Richard Webster	146677	7	Contractor is to remove existing fence and shed.
Dora Watkins	146683	7	Contractor is to remove all existing sheds, coops, and the fencing at the back of the property within the corridor.
William Shoffner	146686	7	Do Not Disturb Shed. Shed is outside construction limits and is to remain at property owner's request.
John and Frances Layton	146694	7	Contractor is to remove shed. Property owner has already moved fence shown on plans beyond construction limits.

and methods of placement for this disposal. The limits where this requirement applies are:

Begin Station	End Station	Left Limit	Right Limit
1140+80	1166+00	20' Left of Centerline Existing -ML-	20' Right of Centerline Existing -ML-
1166+00	1202+00	20' Left of Centerline Existing -ML-	20' Right of Centerline Existing -ML-
1202+00	1217+00	20' Left of Centerline Existing -ML-	20' Right of Centerline Existing -ML-
1245+00	1248+46	20' Left of Centerline Existing -ML-	20' Right of Centerline Existing -ML-

FLOWABLE FILL:

(9-17-02) (Rev 1-17-12)

300, 340, 450, 1000, 1530, 1540, 1550

SP3 R30

Description

This work consists of all work necessary to place flowable fill in accordance with these provisions, the plans, and as directed.

Materials

Refer to Division 10 of the *2012 Standard Specifications*.

Item

Flowable Fill

Section

1000-6

Construction Methods

Discharge flowable fill material directly from the truck into the space to be filled, or by other approved methods. The mix may be placed full depth or in lifts as site conditions dictate. The Contractor shall provide a method to plug the ends of the existing pipe in order to contain the flowable fill.

Measurement and Payment

At locations where flowable fill is called for on the plans and a pay item for flowable fill is included in the contract, *Flowable Fill* will be measured in cubic yards and paid as the actual number of cubic yards that have been satisfactorily placed and accepted. Such price and payment will be full compensation for all work covered by this provision including, but not limited to, the mix design, furnishing, hauling, placing and containing the flowable fill.