



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

May 6, 2011

**Addendum No. 1**

RE: Contract ID C202332

WBS # 35609.3.1

**Yancey County (R-2519A)**

US-19 East From SR-1336 (Jack's Creek Road) To SR-1186 (Old US-19)

**May 17, 2011 Letting**

To Whom It May Concern:

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

The following revisions have been made to the plans:

Sheet 1-A has been revised to show the addition of "Sheet 2-AW, Detail of 5 Strand Barbed Wire Fence" Please void Sheet 1-A in your plans and staple the revised Sheet 1-A thereto.

New Sheet No. 2-AW has been added to include a detail for "5 Strand Barbed Wire Fence With Posts". Please staple new Sheet No. 2-AW after Sheet No. 2-AV in your plans.

Sheet No. 3 (1 and 2 of 3) has been revised to reflect the below noted pay item additions and quantity changes. Please void Sheet No. 3 (1 and 2 of 3) in your plans and staple the revised Sheet No. 3 (1 and 2 of 3) thereto.

Sheet No. 3-Y of the drainage summary has been revised to add some contingency quantities of pipe collars and pipe plugs. Please void Sheet No. 3-Y in your plans and staple the revised Sheet No. 3-Y thereto.

Sheet No. 3-AC has been revised to show a contingency quantity for "Undercut Excavation". Please void Sheet No. 3-AC in your plans and staple the revised Sheet No. 3-AC thereto.

The following revisions have been made to the Proposal:

On Page No. 5 the project special provision entitled "Specialty Items" has been revised to include the below mentioned fencing items in the list of specialty items. Please void Page No. 5 in your proposal and staple the revised Page No. 5 thereto.

**MAILING ADDRESS:**

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

TELEPHONE: 919-250-4128  
FAX: 919-250-4119

WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**LOCATION:**

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

On Page Nos. 34 and 36 a paragraph has been added to the project special provisions entitled "Demolition of Buildings and Appurtenances" and "Building and Underground Storage Tank Removal" Please void Page Nos. 34 thru 38 in your proposal and staple the revised Page Nos. 34 thru 38 thereto.

New Page Nos. 135A , 135B and 135C have been added to include the project special provision entitled "Field Office". Please staple New Page Nos. 135A, 135B and 135C in your proposal after Page No. 135.

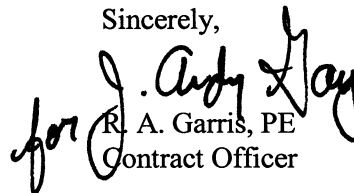
On Page Numbers 5, 6, 13, 17 and 18 of the new item sheets the following pay items have been added or pay item quantities revised.

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
75-1693000000-M-645	Asphalt Plant Mix, Pavement Repair	1,902 MTN	6,000 MTN
84-2253000000-M-840	Pipe Collars	12 M3	36 M3
85-2264000000-M-840	Pipe Plugs	2.01 M3	10 M3
86-2275000000-M-SP	Flowable Fill	55 M3	100 M3
207-6024000000-M-1622	Temporary Slope Drains	2,000 M	4,000 M
208-6027000000-N-1622	Inlet Protection At Temporary Slope Drains	100 EA	300 EA
308-0000700000-N-SP	Field Office	<b>NEW ITEM</b>	<b>LUMP SUM</b>
309-0036000000-M-225	Undercut Excavation	<b>NEW ITEM</b>	<b>5,000 M3</b>
310-1330000000-M-607	Incidental Milling	<b>NEW ITEM</b>	<b>12,000 M2</b>
311-3557000000-M-866	Additional Barbed Wire	<b>NEW ITEM</b>	<b>100 M</b>
312-3559000000-M-866	5 Strand Barbed Wire Fence With Posts	<b>NEW ITEM</b>	<b>300 M</b>

The Contractor's bid must include the new pay items and be based on these revised pay item quantities. 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. Jon Nance, PE  
Mr. Ron Hancock, PE  
Mr. J J Swain, Jr., PE  
Ms. D M. Barbour, PE  
Mr. Art McMillan, PE  
Mr. J V Barbour, PE  
Ms. Lori Strickland  
Project File (2)

Mr. R.E. Davenport, PE  
Ms. Natalie Roskam, PE  
Mr. Ronnie Higgins  
Mr. Larry Strickland  
Ms. Marsha Sample  
Ms. Penny Higgins  
Ms. Jaci Kincaid

**SPECIALTY ITEMS:**

(7-1-95)

M1 G37

Items listed below will be the specialty items for this contract (See Article 108-6 of the 2006 Metric Standard Specifications).

Line #	Description
113 thru 124	Guardrail
125 thru 133 and 311 thru 312	Fencing
140 thru 147	Signing
167 thru 171 & 176 thru 178	Long-Life Pavement Markings
180	Permanent Pavement Markers
181 thru 199	Utility Construction
200 thru 231 & 234 thru 236	Erosion Control
232 thru 233	Reforestation
237 thru 266	Signals

**FUEL PRICE ADJUSTMENT:**

(11-15-05) (Rev 1-20-09)

M1 G43

Revise the *Metric Standard Specifications* as follows:

**Page 1-78 Subarticle 109-8, add the following:**

The base index price for **DIESEL #2 FUEL** is \$ 0.8206 per liter.

Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

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

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	L/CM	1.44
Borrow Excavation	L/CM	1.44
Aggregate Base Course	L/MTN	2.30
Asphalt Concrete Base Course, Type ____	L/MTN	12.10
Asphalt Concrete Intermediate Course, Type ____	L/MTN	12.10
Asphalt Concrete Surface Course, Type ____	L/MTN	12.10
Open-Graded Asphalt Friction Course	L/MTN	12.10
Sand Asphalt Surface Course, Type ____	L/MTN	12.10
Aggregate for Cement Treated Base Course	L/MTN	2.30
Portland Cement for Cement Treated Base Course	L/MTN	2.30
____ mm Portland Cement Concrete Pavement	L/SM	1.11
Concrete Shoulders Adjacent to ____ mm Pavement	L/SM	1.11

**PROJECT SPECIAL PROVISIONS****ROADWAY****CLEARING AND GRUBBING – METHOD II:**

(9-17-02) (Rev 3-18-08)

M2 R01

Perform clearing on this project to the limits established by Method “II” shown on Standard No. 200.02 of the *2006 Metric Roadway Standard Drawings*.

Revise the *2006 Metric Standard Specifications* as follows:

**Page 2-2, Article 200-3, Clearing, add the following as the 6th paragraph:**

At bridge sites, clear the entire width of the right of way beginning at a station 1 m back of the beginning extremity of the structure and ending at a station 1 m beyond the ending extremity of the structure.

**DEMOLITION OF BUILDINGS AND APPURTENANCES:**

(1-1-02) (Rev. 9-19-06)

M2 R10

**The Contractor’s attention is directed to the fact that he shall be responsible for removing all buildings, sheds, signs, walls, fences and any other rubble or surface debris within the right of way and/or construction limits whether listed in this special provision or not. Payment at the contract lump sum price for “Clearing and Grubbing” will be full compensation for this work.**

Demolish the buildings and appurtenances listed below in accordance with Section 210 of the *2006 Metric Standard Specifications* and the following provisions:

Prior to demolishing any building, comply with the notification requirements of *Title 40 Code of Federal Regulations*, Part 61, Subpart M, which are applicable to asbestos. Give notification to the North Carolina Department of Health and Human Services, Division of Public Health, Health Hazards Control Unit and/or the appropriate county agency when enforcement of the Federal Regulation is performed by the county (Buncombe, Forsyth, Mecklenburg only). Submit a copy of the notification to the Engineer prior to the building demolition.

The Department has performed asbestos assessments and abatement for building items identified below. Copies of this report may be obtained through the Division Right-of-Way Agent. When asbestos is discovered after the opening of bids for the project, the Engineer may have the abatement performed by others or the cost of asbestos removal and disposal will be paid for in accordance with Article 104-7 of the *2006 Metric Standard Specifications*. When directed to perform removal and disposal of asbestos do so in accordance with the requirements of *Title 40 Code of Federal Regulations, NCGS 130A-444-452 and 10A NCAC 41C 0600*.

Comply with all Federal, State and local regulations when performing building demolition and/or asbestos removal and disposal. Any fines resulting from violations of any regulation are the sole responsibility of the Contractor and the Contractor agrees to indemnify and hold harmless the Department against any assessment of such fines.

Prior to removal of any Underground Storage Tank (UST), comply with the notification requirements of the *Title 40 Code of Federal Regulations*, Part 280.71(a). Give notification to the appropriate regional office of the North Carolina Department of Environment, and Natural Resources, Division of Waste Management, UST Section. Submit a copy of the notification to the Engineer prior to the removal of the underground storage tank.

Permanently close UST systems by removal and dispose of in compliance with the regulations set forth in *Title 40, Code of Federal Regulations*, Part 280.71 and *North Carolina Administrative Code Title 15A*, Chapter 2, Subchapter 2N and any applicable local regulations. Assess Underground Storage Tank sites at closure for the presence of contamination as required in *North Carolina Administrative Code Title 15A*, Chapter 2, Subchapter 2N, Section .0803 and as directed by the appropriate Regional Office of the Division of Waste Management. Remove and dispose of UST systems and contents in a safe manner in conformance with requirements of *American Petroleum Institute Bulletin 1604*, Removal and Disposal of Used Underground Petroleum Storage Tanks, Chapters 3 through 6. (Note: As an exception to these requirements, the filling of the tank with water as a means of expelling vapors from the tank as described in section 4.2.6.1 of *American Petroleum Institute Bulletin 1604*, will not be allowed). Where underground storage tanks are indicated below, there will be no direct payment for the closure or assessment, as payment at the contract lump sum price for *Clearing and Grubbing* will be full compensation for all costs of such closure or assessment. When the contract does not indicate the presence of storage tanks and storage tanks are discovered after the opening of bids for the project, the cost of closure, assessment and/or removal will be paid for in accordance with Article 104-7 of the *2006 Metric Standard Specifications*.

Disposition of any contaminated material associated with underground storage tanks will be made as provided in Article 107-26 of the *2006 Metric Standard Specifications*.

Demolition of Buildings and Appurtenances

Parcel #037 – Left of Survey Station 251+05, Survey Line –L-  
Approximately 60 square feet Frame Shed

Demolition of Buildings and Appurtenances

Parcel #052 – Right of Survey Station 258+27, Survey Line –L-  
One Story Frame Shed approximately 750 square feet

Demolition of Buildings and Appurtenances

Parcel #085 – Left of Survey Station 272+30, Survey Line –L-  
Frame Shed approximately 100 square feet

Demolition of Buildings and Appurtenances

Parcel #085 – Left of Survey Station 272+40, Survey Line –L-  
Frame Shed approximately 100 square feet

Demolition of Buildings and Appurtenances

Parcel #083 – Left of Survey Station 272+70, Survey Line –L-  
One Story Frame Building approximately 250 square feet

## Demolition of Buildings and Appurtenances

Parcel #103 – Left of Survey Station 279+60, Survey Line –L-  
One Story Frame Garage approximately 600 square feet

## Demolition of Buildings and Appurtenances

Parcel #106 – Right of Survey Station 280+32, Survey Line –L-  
One Story Frame and Concrete Shed approximately 100 square feet

## Demolition of Buildings and Appurtenances

Parcel #109 – Right of Survey Station 281+83, Survey Line –L-  
One Story Frame Building / Business approximately 850 square feet

## Demolition of Buildings and Appurtenances

Parcel #117 – Right of Survey Station 11+15, Survey Line –Y-18-  
One Story Block Building, approximately 75 square feet

## Demolition of Buildings and Appurtenances

Parcel #118 – Right of Survey Station 289+26, Survey Line –L-  
Open Steel and Frame Shed, approximately 1,500 square feet

## Demolition of Buildings and Appurtenances

Parcel #187 – Right of Survey Station 314+20, Survey Line –L-  
Frame Storage Shed approximately 300 square feet

## Demolition of Buildings and Appurtenances

Parcel #193 – Left of Survey Station 317+45, Survey Line –L-  
One Story Block and Frame Building, approximately 1,200 square feet

## Demolition of Buildings and Appurtenances

Parcel #214 – Left of Survey Station 334+00, Survey Line –L-  
One Story Frame Dwelling, approximately 1,000 square feet

## Demolition of Buildings and Appurtenances

Parcel #214 – Left of Survey Station 334+10, Survey Line –L-  
One Story Frame Shed approximately 60 square feet

**BUILDING AND UNDERGROUND STORAGE TANK REMOVAL:**

(1-1-02) (Rev.6-21-05)

M2 R15

**The Contractor's attention is directed to the fact that he shall be responsible for removing all buildings, sheds, signs, walls, fences and any other rubble or surface debris within the right of way and/or construction limits whether listed in this special provision or not. Payment at the contract lump sum price for "Clearing and Grubbing" will be full compensation for this work.**

**Building Removal**

Remove the buildings and appurtenances listed below in accordance with Section 215 of the *2006 Metric Standard Specifications* and the following:

Prior to removal of any building, comply with the notification requirements of *Title 40 Code of Federal Regulations*, Part 61, Subpart M, which are applicable to asbestos. Give notification to the North Carolina Department of Health and Human Services, Division of Public Health Epidemiology Branch and/or the appropriate county agency when the county performs enforcement of the Federal Regulation. Submit a copy of the notification to the Engineer prior to the building removal.

The Department has performed asbestos assessments and abatement for building items identified below. Copies of this report may be obtained through the Division Right-of-Way Agent. When asbestos is discovered after the opening of bids for the project, the Engineer may have the abatement performed by others or the cost of asbestos removal and disposal will be paid for in accordance with Article 104-7 of the *2006 Metric Standard Specifications*. When directed to perform removal and disposal of asbestos, do so in accordance with the requirements of *Title 40 Code of Federal Regulations*; comply with all Federal, State and local regulations when performing building removal and/or asbestos removal and disposal. Any fines resulting from violations of any regulation are the sole responsibility of the Contractor and the Contractor agrees to indemnify and hold harmless the Department against any assessment of such fines.

When a building has had or will have asbestos removed and the Contractor elects to remove the building such that it becomes a public area, the Contractor is responsible for any additional costs incurred including final air monitoring.

**Underground Storage Tank Removal**

Known Underground Storage Tanks (UST's) will be removed by the Department prior to the opening of bids. When UST's are discovered after the opening of bids for the project, the Engineer may have the work performed by others or the cost of assessment, closure, and/or removal will be paid for in accordance with Article 104-7 of the *2006 Standard Specifications*.

When directed to remove UST'S, prior to their removal, comply with the notification requirements of the *Title 40 Code of Federal Regulations*, Part 280.71(a). Give notification to the appropriate regional office of the North Carolina Department of Environment and Natural Resources, Division of Waste Management, UST Section. Submit a copy of the notification to the Engineer prior to the removal of the underground storage tank.

Permanently close UST systems by removal and disposal in compliance with the regulations set forth in *Title 40, Code of Federal Regulations*, Part 280.71 and *North Carolina Administrative Code (NCAC) Title 15A, Chapter 2, Subchapter 2N* and any applicable local regulations. Assess Underground Storage Tank sites at closure for the presence of contamination as required in *NCAC Title 15A, Chapter 2, Subchapter 2N, Section .0803* and as directed by the appropriate Regional Office of the Division of Waste Management. Remove and dispose of UST systems and contents in a safe manner in conformance with requirements of *American Petroleum Institute Bulletin 1604, Removal and Disposal of Used Underground Petroleum Storage Tanks, Chapters 3 through 6*. (Note: As an exception to these requirements, the filling of the tank with water as a means of expelling vapors from the tank as described in Section 4.2.6.1 of *American*

*Petroleum Institute Bulletin 1604*, will not be allowed. Comply with all Federal, State and local regulations when performing UST removal and contaminated material disposal. Any fines resulting from violations of any regulation are the sole responsibility of the Contractor and the Contractor agrees to indemnify and hold harmless the Department against any assessment of such fines.

Disposal of any contaminated material associated with underground storage tanks will be made as provided in Article 107-26 of the *2006 Metric Standard Specifications*.

Building Removal
Parcel #001 – Left of Survey Station 227+60, Survey Line –L-
1 Story House Trailer, approximately 1,120 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #004 – Left of Survey Station 228+00, Survey Line –L-
1 Story Frame Dwelling, approximately 2,000 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #013 – Right of Survey Station 10+75, Survey Line –Y-2-
1 Story Frame Barn, approximately 2,200 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #017A – Right of Survey Station 236+70, Survey Line –L-
1 Story Metal Business, approximately 5,000 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #022 – Left of Survey Station 11+60, Survey Line –Y-5-
2 Metal Storage Sheds, approximately 1,474 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #029 – Right of Survey Station 246+80, Survey Line –L-
1 Story Frame Shed, approximately 100 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #032 – Right of Survey Station 10+55, Survey Line –Y-6-
Frame Shed, approximately 275 square feet, partially outside right of way and/or construction limits
Building Removal
Parcel #089 – Right of Survey Station, 274+80, Survey Line –L-
1 Story Brick Dwelling approximately 4,000 square feet, partially outside right of way and/or construction limits



**FIELD OFFICE (Lump Sum):**

(6-1-07)

SPI 8-1

**Description**

This work consists of furnishing, erecting, equipping, and maintaining a field office for the exclusive use of Department Engineers and Inspectors at a location on the project approved by the Engineer. Provide a field office that complies with the current ADA Design and Accessibility Standards, the National Electric Code, local, state, and federal regulations, and the following requirements.

**Procedures**

The field office and equipment will remain the property of the Contractor upon completion of the contract. The field office shall be separated from buildings and trailers used by the Contractor and shall be erected and functional as an initial operation. Failure to have the field office functional when work first begins on the project will result in withholding payment of the Contractor's monthly progress estimate. The field office shall be operational throughout the duration of the project and shall be removed upon completion and final acceptance of the project.

Provide a field office that is weatherproof, tightly floored and roofed, constructed with an air space above the ceiling for ventilation, supported above the ground, has a width of at least 10 feet, and the floor-to-ceiling height that is at least 7 feet 6 inches. Provide inside walls and a ceiling constructed of plywood, masonite, gypsum board, or other suitable materials. Have the exterior walls, ceiling, and floor insulated.

Provide a field office with at least 500 square feet of floor space and that is equipped with the following:

**Number****Item**

- |   |  |
|---|--|
| 1 | Double-pedestal desk (approximately 60 by 34 inches, at least 2,000 square inches).  |
| 1 | Plan and drafting table (approximately 30 by 96 inches) with adjustable stool.       |
| 1 | Computer table at least 48 by 30 by 29 inches.                                       |
| 1 | Plan rack for 24 by 36 inch drawings with 6 plan clamps.                             |
| 1 | Printing calculator.   |
| 2 | 2-drawer fire protection file, 15 inch drawer width, minimum UL rating of Class 350. |
| 6 | Office chairs with at least two chairs having casters.                               |
| 2 | Wastebaskets.  |
| 1 | Pencil sharpener.  |
| 1 | Copy machine (8 inch x 11 inch copies)   |
| 1 | Telephone.   |
| 1 | Fax Machine.   |
| 1 | Answering machine.   |

**Windows and Doors**

Provide a field office with at least three windows with blinds, each having an area of at least 540 square inches, capable of being easily opened and secured from the inside and having at least two exterior passage doors. Provide doors at least 30 inches in width and 78 inches in height. Provide screens for windows and doors. Equip exterior passage doors with locks, and furnish at least two keys to the Engineer.

**Steps**

Provide accessibility in compliance with the current ADA Design and Accessibility Standards, and the State Building Code and maintain them free from obstructions.

**Storage Facility For Nuclear Gage**

Furnish the field office with an outside storage facility for the Department's nuclear gage. The storage facility shall not be located within 10 feet of any other structure including the field office.

**Lighting, Heating, and Air Conditioning**

The field office shall have satisfactory lighting, electrical outlets, heating equipment, an exhaust fan, and an air conditioner connected to an operational power source. Provide at least one of the light fixtures that is a fluorescent light situated over the plan and drafting table. Furnish electrical current and fuel for heating equipment.

**Fire Extinguishers**

Furnish and maintain one fire extinguisher for each required exterior passage door. Fire extinguisher may be chemical or dry powder. UL Classification 10-B:C (minimum), suitable for Type A:B:C: fires. Mount and maintain fire extinguishers in accordance with OSHA Safety and Health Standards.

**Toilets**

Provide a toilet conforming to the requirements of the state and local boards of health or other bodies or courts having jurisdiction in the area. When separate facilities for men and women are not available, place a sign with the words "Rest Room" (with letters at least 1 inch in height) over the doorway, and provide an adequate positive locking system on the inside of the doorway. Maintain responsibility for the water and sewer connections or the installation and connection of a water well and septic tank and drain field. These facilities shall conform to all local and state permits.

**Utilities**

Except for telephone service, make necessary utility connections, maintain utilities, pay utility service fees and bills, and handle final disconnection of utilities. Furnish a telephone in each field office and permit the work necessary to install it.

**Storage Facility for Test Equipment**

Provide the field office with a storage facility, separate from the office for storage of test equipment, other than the nuclear gage. Provide a facility that has at least 64 square feet of floor space, is weatherproof, tightly floored and roofed, and has a tamper resistant key operated lock.

**Miscellaneous Items**

The field office shall also include the following:

1. A certification that the office is free of asbestos and other hazardous materials.
2. A broom, dust pan, mop and bucket, and general cleaning supplies.
3. Provide and maintain an all weather parking area for six vehicles, including graveled access to the paved surface.

**Measurement and Payment**

Payment at the contract lump sum bid price for *Field Office* will be full compensation for all work covered by this provision including but not limited to furnishing, erecting, maintaining, and removing the field office as outlined in this provision.

Installation and service fees for the telephone will be paid for by the Department.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Field Office	Lump Sum