



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

May 3, 2013

Addendum No. 1

RE: Contract ID C203148

WBS # 50000.3.STR08T4F

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

Mecklenburg County (P-5208H)

Grier Road Grade Separation Over Norfolk Southern/NC Railroad From
Old Concord Road To South of Orr Road in Charlotte

May 21, 2013 Letting

To Whom It May Concern:

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

The following revisions have been made to the listed Roadway plan sheets:

- EC-1; corrected begin construction station
- EC-4 thru EC-9; some drainage pipes were relocated in some areas to agree with the Roadway plans
- RR1; revised Type of Work to include trackbed
- RR2; added Subsurface Drain Detail and note
- RR2-B; revised note for 6" asphalt underlayment for line -M- 2 in Typical #5
- RR2-H; revised to show outlet pipe locations
- RR4 thru RR9; clarify distance between centerlines of tracks

Please void the above noted sheets in your plans and staple the revised sheets thereto.

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

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: www.NCDOT.GOV

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

C203148

P-5208H
Mecklenburg

The following revision has been made to the cross-section plans:

On Sheet No. X-66 subsurface drains were added in one of the cross-section views to reflect the extension of the subsurface drain. Please void Sheet No. X-66 in your plans and staple the revised Sheet No. X-66 thereto.

The following revisions have been made to the proposal:

The Table of Contents has been revised to reflect the below noted provision being added. Please void of the Table of Contents in your proposal and staple the revised pages thereto.

On Page No. 57 the project special provision entitled "Cooperation Between Contractors" has been added. Please void Page No.57 in your proposal and staple the revised Page No. 57 thereto.

On Page No. 102 the Table of Contents was revised for the "Railroad Special Provisions For Roadbed" to reflect the addition of the below noted special provision. Please void Page No. 102 in your proposal and staple the revised Page No. 102 thereto.

On Page No. 111 the first paragraph under "Construction Methods" within the project special provision entitled "Subsurface Drainage" has been revised. Please void Page No. 111 in your proposal and staple the revised Page No. 111 thereto.

On Page No. 112 the project special provision entitled "Endwalls" has been added. Please void Page No. 112 in your proposal and staple the revised Page No. 112 thereto.

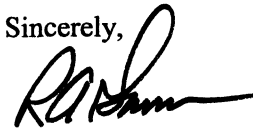
On the item sheets the following pay item quantities have been revised:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
056-2070000000-N-815	Subdrain Pipe Outlet	5 EA	6 EA
057-2077000000-E-815	6" Outlet Pipe	190 LF	228 LF
072-2484000000-E-SP	Subsurface Drain	2,330 LF	2,470 LF

The Contractor's bid must 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

C203148

P-5208H
Mecklenburg

cc: Mr. Ron Hancock, PE
Mr. Louis Mitchell, PE
Ms. D. M. Barbour, PE
Mr. J. V. Barbour, PE
Mr. Paul Worley, CPM
Mr. R.E. Davenport, PE
Mr. Barney Blackburn, PE
Ms. Lori Strickland

Mr. Ray Arnold, PE
Ms. Natalie Roskam, PE
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Marsha Sample
Ms. Penny Higgins
Ms. Jaci Kincaid
Project File (2)

Revised 5-3-13
Mecklenburg County

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EMPLOYMENT:

(11-15-11)(Rev. 1-17-12)

108, 102

SP1 G184

Revise the *2012 Standard Specifications* as follows:

Page 1-20, Subarticle 102-15(O), delete and replace with the following:

(O) Failure to restrict a former Department employee as prohibited by Article 108-5.

Page 1-65, Article 108-5 Character of Workmen, Methods, and Equipment, line 32, delete all of line 32, the first sentence of the second paragraph and the first word of the second sentence of the second paragraph.

STATE HIGHWAY ADMINISTRATOR TITLE CHANGE:

(9-18-12)

SP1 G185

Revise the *2012 Standard Specifications* as follows:

Replace all references to “State Highway Administrator” with “Chief Engineer”.

COOPERATION BETWEEN CONTRACTORS:

(7-1-95)

105-7

SP1 G133

The Contractor's attention is directed to Article 105-7 of the *2012 Standard Specifications*.

The Contractor's attention is directed to the fact that there is a future project P-5208A, C and G that includes railroad roadbed construction that will tie to the northwest end of this project.

The Contractor on this project shall cooperate with the Contractor working within or adjacent to the limits of this project to the extent that the work can be carried out to the best advantage of all concerned.

RAILROAD SPECIAL PROVISIONS FOR ROADBED

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Materials

Refer to Division 10 of the *Standard Specifications*.

Item	Section
Shoulder Drain Aggregate, No. 57 Stone	1005
6" HDPE AASHTO M294 TYPE S	1044-8
6" HDPE AASHTO M294 TYPE S Outlet Pipe	1044-8
Geotextile for Subsurface Drains, Type 1	1056
Portland Cement Concrete, Class AA	1000

Material for the subsurface drain pipe and fittings shall be 6" HDPE conforming to AASHTO M294 Type S. The 6" HDPE shall be perforated and the perforation size and spacing shall conform to ASTM C 444, Type 1.

Construction Methods

Place and compact the sub-ballast in accordance with the plans and place and compact the 6" asphalt underlayment (where applicable) as shown on the plans. After placing the asphalt underlayment (where applicable), install the subsurface drain/shoulder drain in accordance with the plans.

Excavate the trench to the width shown on the plans, and to the depth, line and grade established by the Engineer.

Place the geotextile in accordance with the detail in the plans. Do not leave fabric uncovered for more than 7 days. Install geotextile such that all splice joints are provided with a minimum overlap of 2 feet. Overlap the closure at the top of the trench at least 6 " and secure with mechanical ties. Where outlet pipe passes through the fabric, wrap a separate piece of fabric around the outlet pipe, flare against the side of the filled drain, and secure with anchor pins.

Anchor field splices of geotextile with anchor pins to ensure that required overlap is maintained.

Place 3" of the subdrain course aggregate as shown in the detail in the plans. Lay perforated pipe with the perforations down. Perform the remainder of the aggregate placement operations to prevent damage to the geotextile and pipe. Replace damaged sections of geotextile and pipe at no cost to the Department.

Outlet pipe shall meet the requirements of Article 1044-6 of the *Standard Specifications*. Use solvent cement to bond the SCH-80 pipe and fittings together. Obtain approval for all pipe fittings from the Engineer prior to delivery. Protect the open end of all outlet pipes with a galvanized rodent screen as shown in plans.

Install outlet fittings and outlet pipes every 500 ft or as otherwise directed by the Engineer. Establish positive drainage within 72 hours of beginning trenching for installation of a given section of aggregate subsurface drain/shoulder drain. Failure to comply with this requirement

may result in the Engineer restricting installation of additional sections of aggregate subsurface drain/shoulder drain until such time as the Contractor completes appropriate outlet installations.

Compact the aggregate to a degree acceptable to the Engineer by the use of a vibratory compactor before making the geotextile closure at the top of the trench.

Carefully place the #57 stone backfill material after the pipe has been laid and the geotextile is closed at the top, so that the pipe will not be disturbed by the backfilling operation. Compact the remainder of the backfill material (#57) stone to a degree acceptable to the Engineer by the use of a vibratory compactor.

Connect the outlet pipes to concrete pads at the outlet end of the subsurface drain. Construct the concrete pad in accordance with Section 825 of the *Standard Specifications* and give an ordinary surface finish. Use Class AA concrete.

Measurement and Payment

Subsurface Drain will be measured and paid as the actual number of linear feet that has been completed and accepted, measured to the nearest foot along the centerline of the completed subsurface drain pipe. No measurement will be made along the outlet pipe.

Such price and payment includes, but is not limited to, furnishing, hauling, and placing all subsurface drain pipe, fittings, aggregate, geotextile, and other materials; making all joint connections and all excavation and backfilling.

Subdrain Pipe Outlet and *6" Outlet Pipe* will be measured and paid for in accordance with Article 815-4 of the *Standard Specifications*.

Payment will be made under:

Pay Item	Pay Unit
Subsurface Drain	Linear Foot

ENDWALLS: (Special)

The work shall be performed in accordance with Section 838, "Endwalls", of the *Standard Specifications*, except that the contractor shall not use Class B concrete or masonry to construct endwalls located on the railroad right-of-way. All endwalls located on the railroad right-of-way, cast-in-place or precast, shall be constructed of Class AA concrete.