



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

January 12, 2012

**Addendum No. 1**

RE: Contract ID C202806

WBS # 45438.3.15

F. A. # BRSTP-2254(2)

**Guilford County (BP-5300R)**

Deck Rehabilitation on Bridges #1, 136 and 470 On SR-2254 (Wendover Avenue), #287,  
217,259 and 274 On US-220 (Wendover Avenue)

**January 17, 2012 Letting**

To Whom It May Concern:

Reference is made to the proposal form furnished to you on the subject project.

The following revisions have been made to the Proposal:

On Page No. 22 the project special provision entitled "Note To Contractor" has been added.  
Please void Page No. 22 in your proposal and staple the revised Page No. 22 thereto.

New Page Nos. 70 thru 85 has been added to include the project special provisions entitled  
"Coordination With Norfolk Southern Railway" and "Special Provisions For Protection of  
Railway Interest". Please staple new Page Nos. 70 thru 85 after Page No. 69 in your proposal.

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

Sincerely,

R. A. Garris, PE  
Contract Officer

RAG/jag  
Attachment

cc: Mr. Jon Nance, PE  
Mr. Ron Hancock, PE  
Mr. J. M. Mills, PE  
Ms. D. M. Barbour, PE  
Mr. J. V. Barbour, PE  
Ms. Marsha Sample  
Project File (2)

Mr. R.E. Davenport, PE  
Ms. Natalie Roskam, PE  
Mr. G.R. Perfetti, PE  
Mr. Ronnie Higgins  
Mr. Larry Strickland  
Ms. Lori Strickland

**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.ORG](http://WWW.NCDOT.ORG)

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

**TABLE OF CONTENTS**

**COVER SHEET  
PROPOSAL SHEETS**

<b><u>PROJECT SPECIAL PROVISIONS</u></b> (WHITE SHEETS)	<i>PAGE No.</i>
Contract Time and Liquidated Damages.....	1
Intermediate Contract Time (s).....	1-2
Major Contract Items.....	2
Specialty Items.....	2
Fuel Price Adjustment.....	3
Schedule of Estimated Completion Progress.....	3
Revision to FHWA 1273 Concerning Personal Information on Payroll Submissions	4
Disadvantaged Business Enterprises.....	4-17
Progress Schedule.....	17-18
Liability Insurance.....	19
Certification for Federal-Aid Contracts.....	19-20
U. S. Department of Transportation Hotline.....	20
Subsurface Information.....	20
Contractor Claim Submittal Form.....	20
Twelve Month Guarantee.....	21
Legal Relations and Responsibility to Public.....	21
Gifts from Vendors and Contractors.....	22
Employment.....	22
Note To Contractor.....	22
Roadway.....	23-53
Project Special Provisions Structure.....	54-69
Coordination With Norfolk Southern Railway.....	70-71
Special Provisions For Protection Of Railway Interest .....	72-85

**STANDARD SPECIAL PROVISIONS** (YELLOW SHEETS)

Availability of Funds – Termination of Contracts.....	1
General Seed Specification for Seed Quality.....	2-4
Errata.....	5-8
Plant and Pest Quarantines.....	9
Award of Contract.....	10
Minority and Female Employment Requirements.....	11-13
Required Contract Provisions Federal-Aid Construction Contracts.....	14-22
On the Job Training.....	23-25
Wage Rates.....	26-28

**PROPOSAL ITEM SHEET AND SIGNATURE SHEET**

- Item Sheet (s)
- Signature Sheet (Bid Acceptance by Department)

**GIFTS FROM VENDORS AND CONTRACTORS:**

(12-15-09)

SP1 G152

By Executive Order 24, issued by Governor Perdue, and *N.C. G.S. § 133-32*, it is unlawful for any vendor or contractor (i.e. architect, bidder, contractor, construction manager, design professional, engineer, landlord, offeror, seller, subcontractor, supplier, or vendor), to make gifts or to give favors to any State employee of the Governor's Cabinet Agencies (i.e. Administration, Commerce, Correction, Crime Control and Public Safety, Cultural Resources, Environment and Natural Resources, Health and Human Services, Juvenile Justice and Delinquency Prevention, Revenue, Transportation, and the Office of the Governor). This prohibition covers those vendors and contractors who:

- (1) have a contract with a governmental agency; or
- (2) have performed under such a contract within the past year; or
- (3) anticipate bidding on such a contract in the future.

For additional information regarding the specific requirements and exemptions, vendors and contractors are encouraged to review Executive Order 24 and *G.S. § 133-32*.

Executive Order 24 also encouraged and invited other State Agencies to implement the requirements and prohibitions of the Executive Order to their agencies. Vendors and contractors should contact other State Agencies to determine if those agencies have adopted Executive Order 24.

**EMPLOYMENT:**

(11-15-11)

SP1 G184

Revise the *2006 Standard Specifications* as follows:

**Page 1-24, Subarticle 102-16(O)**, delete and replace with the following:

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

**Page 1-72, Article 108-5 CHARACTER OF WORKMEN, METHODS, AND EQUIPMENT**, delete the first sentence of the second paragraph and delete the first word of the second sentence of the second paragraph.

**NOTE TO CONTRACTOR:**

The Contractor's attention is directed to the project special provisions entitled "Coordination With Norfolk Southern Railway" and "Special Provisions For Protection Of Railway Interest" contained elsewhere in the contract. Depending on the Contractor's means and methods of performing the work of the contract these provisions may be required. If any of the Contractor's equipment or personnel will extend horizontally from the centerline outside the barrier rail of the bridge then the provisions mentioned above must be adhered to. If the Contractor's operation is fully contained within the barrier rails of the bridge then the Contractor would only need to contact the Railroads local representative to make them aware of the work and to invite them to the pre-construction conference.

## COORDINATION WITH NORFOLK SOUTHERN RAILWAY

The Contractor shall be responsible for coordinating with the Norfolk Southern Railway Corporation, hereafter referred to as "RAILROAD", for right-of-entry onto Railroad property or right-of-way. Coordination shall include but not be limited to the acquisition and handling of right-of-entry agreements. The Contractor shall be responsible for costs associated with all right-of-entry agreement fees.

The standard right-of-entry agreement for Norfolk Southern railroad may be obtained at the following link (Non-Environmental Rights-of-Entry within 50 Feet of a Railroad Track):

[http://realestate.nscorp.com/nscrealestate/RealEstate/Real\\_Estate\\_Services/Property\\_Access/?jsessionid=DLG1TnlLJwL5jzzDgB2dfK6NpvprGVLwSgJnGJgrJQvSyDNdh8G6!-1475876309](http://realestate.nscorp.com/nscrealestate/RealEstate/Real_Estate_Services/Property_Access/?jsessionid=DLG1TnlLJwL5jzzDgB2dfK6NpvprGVLwSgJnGJgrJQvSyDNdh8G6!-1475876309)

### **Preparation for Construction within the Existing Railroad Property or Right-of-Way**

The Contractor shall be required to use the following guidelines and other guidelines as required by the Railroad.

- *Norfolk Southern Corporation Special Provisions for Protection of Railway Interest*
- *Federal Aid Policy Guide 23 CFR 140I*
- *Federal Aid Policy Guide 23 CFR 646*
- *NCDOT Standard Specifications for Roads and Structures Section 107-9 (Excluding Paragraph 2)*
- *North Carolina Administrative Code Section T19A: 02B, 0150 through 0158*

### **Arrangements for Protection and Adjustments to Existing and Proposed Railroad Crossing Surface and Roadbeds:**

The Contractor shall make the necessary arrangements with the Railroad for any necessary railroad force account estimates which may include flagging, engineering, and plan review. Force account estimate should be forwarded to the office of the NCDOT State Structures Engineer. The Contractor shall not commence any work on the Railroad property or right-of-way until all agreements have been executed, insurance acquired and approved, and all construction plans for cleaning and painting have been approved by the Railroad Engineer. The Contractor shall make the necessary arrangements with the Railroad that are required to protect against property damage that may result in loss of service, expense, or loss of life. The Contractor shall be responsible for all damage to the Railroad resulting from their operations. The Railroad may issue a stop work order until all dangerous situations are remedied. The Contractor shall be responsible for providing Railroad Protective Liability Insurance for Bodily Injury Liability, Property Damage

Liability, and Physical Damage to Property.. Other insurance requirements, including those for all subcontractors, are detailed in the “*Special Provision for Protection of Railroad Interest*”. The Contractor shall be required to use the Standard NCDOT Cost Agreement and Insurance Special Provisions forms, which will be supplied by the NCDOT State Railroad Agent upon request. The Contractor shall submit executed agreements, force account estimate and plans to NCDOT’s State Structures Engineer prior to the commencement of work in the railroad property or right-of-way and prior to authorization for the Railroad to proceed with force account work

**Coordination with Norfolk Southern Corporation:**

The contractor shall acquire the right-of-entry agreement through the appropriate Local Norfolk Southern Railroad Division Engineer.

The Contractor shall coordinate with J. N. Carter, Jr., Chief Engineer, Bridges and Structures, Norfolk Southern Corporation, 1200 Peachtree Street, N.E., Atlanta, GA 30309-3579, (contact is Scott Overbey at telephone number 404-582-5588) to obtain plan approval. The Department will be responsible for payment of the Railroad Force Account work up to the indicated ICT; however, the Contractor shall reimburse the Department for Force Account Estimate overruns and other damages that exceed the ICT at the rate indicated.

The plan submittal to the Railroad shall include any working drawings for cleaning and painting girders. .All submittals to Railroad shall be made electronically using the pdf format for documents and drawings unless otherwise directed by the Railroad Engineer.

State Project: BP-5300R

Guilford County

**SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTEREST**

Under the terms of these provisions, the North Carolina Department of Transportation shall hereinafter be called "Department", and the Norfolk Southern Railway Company shall hereinafter be called "Railroad".

1. AUTHORITY OF RAILROAD ENGINEER AND DEPARTMENT ENGINEER:

The authorized representative of the Railroad, hereinafter referred to as Railroad Engineer, shall have final authority in all matters affecting the safe maintenance of Railroad traffic including the adequacy of the foundations and structures supporting the Railroad tracks.

The authorized representative of the North Carolina Department of Transportation, hereinafter referred to as the Department Engineer, shall have authority over all other matters as prescribed herein including Project Specifications, Special Provisions, and the plans.

2. NOTICE OF STARTING WORK:

A. The Contractor shall not commence any work on Railroad right of way until he has complied with the following conditions:

- (1) Give the Railroad written notice, with copy to the Department Engineer who is designated to be in charge of the work, at least ten (10) days in advance of the date he proposes to begin work on Railroad right of way to:

Office of Chief Engineer - Bridges & Structures  
Norfolk Southern Corporation  
1200 Peachtree Street NE  
Internal Box 142  
Atlanta, Georgia 30309

- (2) Obtain written approval from the Railroad of Railroad Protective Liability Insurance coverage as required by section 14 herein. The Railroad does not accept notation of Railroad protective insurance on a certificate of liability insurance form or Binders as Railroad must have the full original countersigned policy. The policy will be reviewed for compliance prior to written approval. Due to the number of projects system-wide, it typically takes a minimum of 30-45 days for Railroad to review.
- (3) Obtain Railroad's Flagging Services as required by section 7 herein.

- (4) Obtain written authorization from the Railroad to begin work on Railroad's right of way, such authorization to include an outline of specific conditions with which he must comply.
- (5) Furnish a schedule for all work within the Railroad right of way as required by section 7B1 herein.

B. The Railroad's written authorization to proceed with the work will include the names, addresses, and telephone numbers of the Railroad's representatives who are to be notified as hereinafter required. Where more than one representative is designated, the area of responsibility of each representative will be specified.

3. INTERFERENCE WITH RAILROAD OPERATIONS:

- A. The Contractor shall so arrange and conduct his work that there will be no interference with Railroad operations, including train, signal, telephone and telegraphic services, or damage to the property of the Railroad or to poles, wires, and other facilities of tenants on the right of way of the Railroad. Whenever work is liable to affect the operations or safety of trains, the method of doing such work shall first be submitted to the Railroad Engineer for approval, but such approval shall not relieve the Contractor from liability. Any work to be performed by the Contractor which requires flagging service or inspection service (watchman) shall be deferred by the Contractor until the flagging protection or inspection service required by the Railroad is available at the job site.
- B. Whenever work within Railroad's right of way is of such a nature that impediment to Railroad operations such as use of runaround tracks or necessity for reduced speed is unavoidable, the Contractor shall schedule and conduct his operations so that such impediment is reduced to the absolute minimum.
- C. Should conditions arising from, or in connection with the work, require that immediate and unusual provisions be made to protect operations and property of the Railroad, the Contractor shall make such provisions. If in the judgment of the Railroad Engineer, or in his absence, the Railroad's Division Engineer, such provision is insufficient, either may require or provide such provisions as he deems necessary. In any event, such unusual provisions shall be at the Contractor's expense and without cost to the Railroad or the Department.

4. TRACK CLEARANCES:

A. The minimum track clearances to be maintained by the Contractor during construction are as follows:

- (1) Horizontal clearance measured from centerline of track to falsework:

13'-0" on tangent track  
14'-0" on curved track

(2) Vertical clearance from top of rail to falsework: 22'-0"

B. However, before undertaking any work within Railroad's right of way, or before placing any obstruction over any track, the Contractor shall:

(1) Notify the Railroad Engineer at least 72 hours in advance of the work.

(2) Receive assurance from the Railroad Engineer that arrangements have been made for flagging service as may be necessary.

(3) Receive permission from the Railroad Engineer to proceed with the work.

(4) Ascertain that the Department Engineer has received copies of notice to the Railroad and of the Railroad's response thereto.

5. CONSTRUCTION PROCEDURES:

A. General:

Construction work and operations by the Contractor on Railroad's property shall be:

(1) Subject to the inspection and approval of the Railroad.

(2) In accord with the Railroad's written outline of specific conditions.

(3) In accord with the Railroad's general rules, regulations and requirements including those relating to safety, fall protection and personal protective equipment.

(4) In accord with these Special Provisions.

B. Work Plan:

A Work Plan detailing all aspects of the maintenance activities on and around railroad right-of-way must be submitted to the Railroad and approved in writing prior to entry to or any work beginning in the railroad right-of-way the Work Plan shall include a detailed construction schedule for the duration of the project clearly indicating the time periods for all work on and around the railroad right-of-way.

Provide a listing and location of the anticipated equipment to be used and ensure a contingency plan of action is in place should a primary piece of equipment malfunction. All work in the vicinity of railroad property that has the potential of affecting train operations must be submitted and approved by the Railroad prior to work being performed.

If a containment system is proposed over the track(s), the submittal must include a written installation and removal procedure and a plan showing the details of the system. This



submittal is to include any work platforms with design loads and supporting calculations signed and sealed by a North Carolina registered Professional Engineer. The design of the system shall also be in accordance with OSHA and all applicable environmental standards. The containment system must provide 22'- 0" vertical clearance measured from the top of rail to the lowest point of the containment structure within 6'- 0" from the centerline of track. If the existing vertical clearance is less than 22'- 0", no reduction in vertical clearance is permissible. The containment system shall not encroach upon the horizontal clearance envelope of fourteen feet (14'- 0"). As measured perpendicularly from the centerline of the nearest track. Any proposed variances to the clearance requirements must be provided in writing and will require railroad approval, which may be withheld for any reason.

C. Maintenance of Railroad Facilities:

- (1) The Contractor will be required to maintain all ditches and drainage structures free of silt or other obstructions which may result from his operations and provide and maintain any erosion control measures as required. The Contractor will promptly repair eroded areas within Railroad's right of way and repair any other damage to the property of the Railroad or its tenants.
- (2) All such maintenance and repair of damages due to the Contractor's operations shall be done at the Contractor's expense.

D. Storage of Materials and Equipment:

Materials and equipment shall not be stored where they will interfere with Railroad operations, nor on the right of way of the Railroad without first having obtained permission from the Railroad Engineer, and such permission will be with the understanding that the Railroad will not be liable for damage to such material and equipment from any cause and that the Railroad Engineer may move or require the Contractor to move, at the Contractor's expense, such material and equipment.

All grading or construction machinery that is left parked near the track unattended by a watchman shall be effectively immobilized so that it cannot be moved by unauthorized persons. The Contractor shall protect, defend, indemnify and save Railroad, and any associated, controlled or affiliated corporation, harmless from and against all loss, costs, expenses, claim or liability for loss of or damage to property or the loss of life or personal injury, arising out of or incident to the Contractor's failure to immobilize grading or construction machinery.

E. Cleanup:

Upon completion of the work, the Contractor shall remove from within the limits of the Railroad'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.

6. DAMAGES:

- A. The Contractor shall assume all liability for any and all damages to his work, employees, servants, equipment and materials caused by Railroad traffic.
- B. Any cost incurred by the Railroad for repairing damages to its property or to property of its tenants, caused by or resulting from the operations of the Contractor, shall be paid directly to the Railroad by the Contractor.

7. FLAGGING SERVICES:

A. Requirements:

Flagging services will not be provided until the Contractor's insurance has been reviewed and approved by the Railroad.

Under the terms of the agreement between the Department and 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 men or equipment are, or are likely to be, working on the Railroad's right of way, or across, over, adjacent to or under a track, or when such work has disturbed or is likely to disturb a Railroad structure, Railroad roadbed, or surface and alignment of any track to such extent that the movement of trains must be controlled by flagging.

Normally, the Railroad will assign one flagman to a project; but in some cases, more than one may be necessary, such as yard limits where three (3) flagmen may be required. However, if the Contractor works within distances that violate instructions given by the Railroad Engineer or performs work that has not been scheduled with the Railroad Engineer, a flagman or flagmen may be required full time until the project has been completed. Should such violations or unscheduled, unauthorized work by the Contractor result in full time flagging being required by the Railroad, the additional cost of such flagging above normal flagging cost shall be deducted from the final payment to the Contractor as provided in Article 109-9 of the Standard Specifications. Neither Department nor Railroad will be liable for damages resulting from unscheduled or unauthorized work.

B. Scheduling and Notification:

- (1) The Contractor's work requiring railroad flagging should be scheduled to limit the presence of a flagman at the site to a maximum of 50 hours per week. The Contractor shall receive Railroad approval of work schedules requiring a flagman presence in excess of 40 hours per week.
- (2) No later than the time that approval is initially requested to begin work on Railroad right of way, the Contractor shall furnish to the Department and Railroad a schedule

for all work required to complete the portion of the project within Railroad right of way and arrange for a job site meeting between the Contractor, Department, and Railroad. Flagman or flagmen may not be provided until the job site meeting has been conducted and the Contractor's work scheduled.

- (3) The Contractor will be required to give the Railroad Engineer at least 10 working days of advance written notice of intent to begin work within Railroad's right of way in accordance with this special provision. Once begun, when such work is then suspended at any time, or for any reason, the Contractor will be required to give the Railroad Engineer at least 3 working days of advance notice before resuming work on Railroad's right of way. Such notices shall include sufficient details of the proposed work to enable the Railroad Engineer to determine if flagging will be required. If such notice is in writing, the Contractor shall furnish the Department Engineer a copy; if notice is given verbally, it shall be confirmed in writing with a copy to the Department Engineer.
- (4) If flagging is required, no work shall be undertaken until the flagman, or flagmen, is present at the job site. It may take up to 30 days to obtain flagging initially from the Railroad. When flagging begins, the flagman is usually assigned by the Railroad to work at the project site on a continual basis until no longer needed and cannot be called for on a spot basis. If flagging becomes unnecessary and is suspended, it may take up to 30 days to again obtain from the Railroad. Due to labor agreements, it is necessary to give 5 working days notice before flagging service may be discontinued and responsibility for payment stopped.
- (5) If, after the flagman is assigned to the project site, emergencies arise which require the flagman's presence elsewhere, the Contractor shall delay work on Railroad right of way until such time as the flagman is again available. Any additional costs resulting from such delay shall be borne by the Contractor and not the Department or Railroad.

C. Payment:

- (1) The Department will be responsible for paying the Railroad directly for any and all costs of flagging which may be required to accomplish the construction. The Contractor shall reimburse the Railroad for any costs of the flagging which is required for work for the benefit of the Contractor.
- (2) The estimated cost of flagging service is the current rate per day based on a 10-hour work day. This cost includes the base pay for each flagman, overhead, and a per diem charge for travel expenses, meals and lodging. The charge by the Railroad will be the actual cost based on the rate of pay for the Railroad's employees who are available for flagging service at the time the service is required.
- (3) Work by a flagman in excess of 8 hours per day or 40 hours per week, but not more than 12 hours a day will result in overtime pay at 1½ times the appropriate rate.

Work by a flagman in excess of 12 hours per day will result in overtime pay at 2 times the appropriate rate. If work is performed on a holiday, the flagging rate is 2½ times the normal rate.

- (4) Railroad work involved in preparing and handling bills will also be charged to the Department. Charges to the Department by the Railroad shall be in accordance with applicable provisions of the Federal-Aid Policy Guide, Title 23 Subchapter B, Part 140I and Subchapter G, Part 646B issued by the Federal Highway Administration on December 9, 1991, including all current amendments. Flagging costs are subject to change. The above estimates of flagging costs are provided for information only and are not binding in any way.

D. Verification:

- (1) Railroad's flagman will electronically enter flagging time via Railroad's electronic billing system. Any complaints concerning flagman or flagmen must be resolved in a timely manner. If need for flagman or flagmen is questioned, please contact Railroad's System Engineer of Public Improvements at (404) 529-1641. All verbal complaints must be confirmed in writing by the Contractor within 5 working days with copy to the Department Engineer. Address all written correspondence to:

Office of Chief Engineer-Bridges & Structures  
Attn: System Engineer of Public Improvements  
Norfolk Southern Corporation  
1200 Peachtree St. NE  
Internal Box 142  
Atlanta, GA 30309

The Railroad flagman assigned to the project will be responsible for notifying the Department Engineer upon arrival at the job site on the first day (or as soon thereafter as possible) that flagging services begin and on the last day that he performs such services for each separate period that services are provided. The Department Engineer will document such notification and general flagging times for verification purposes in the project records. When requested, the Department Engineer will also sign the flagman's diary showing daily time spent and activity at the project site. Also if requested, the flagman will cooperate with the Department by submitting daily timesheets or signing the Department Engineer's diary showing daily time spent at the project site.

8. HAUL ACROSS RAILROADS:

- A. Where the plans show or imply that materials of any nature must be hauled across a Railroad, unless the plans clearly show that the Department has included arrangements for such haul in its agreement with the Railroad, the Contractor will be required to make all necessary arrangements with the Railroad regarding means of transporting such materials across the Railroad. The Contractor will be required to bear all costs incidental, including

flagging, to such crossings whether services are performed by his own forces or by Railroad personnel.

- B. No crossing may be established for use of the Contractor for transporting materials or equipment across the tracks of the Railroad unless specific authority for its installation, maintenance, necessary watching and flagging thereof and removal, all at the expense of the Contractor, is first obtained from the Railroad Engineer. The approval process for a temporary private crossing agreement executed between the Contractor and Railroad normally takes 90 days.

9. WORK FOR THE BENEFIT OF THE CONTRACTOR:

- A. All temporary or permanent changes in wire lines or other facilities which are considered necessary to the project are shown on the plans and included in the force account agreement between the Department and the Railroad; or will be covered by appropriate revisions to same which will be initiated and approved by the Department and/or Railroad.
- B. Should the Contractor desire any changes in addition to the above, then he shall make separate arrangements with the Railroad for same to be accomplished at the Contractor's expense.

10. COOPERATION AND DELAYS:

- A. It shall be the Contractor's responsibility to arrange a schedule with the Railroad for accomplishing stage construction involving work by the Railroad or tenants of the Railroad. In arranging his schedule he shall ascertain, from the Railroad, the lead time required for assembling crews and materials and shall make due allowance therefore. The Contractor shall cooperate with others in the construction of the project to the end that all work may be accomplished to the best advantage.
- B. No charge or claims of the Contractor against either the Department or Railroad will be allowed for hindrance or delay on account of railroad traffic, any work done by the Railroad or other delay incident to or necessary for safe maintenance of railroad traffic or for any delays due to compliance with these special provisions.
- C. The Contractor's attention is called to the fact that neither the Department nor Railroad assumes any responsibility for any work performed by others in connection with the construction of the project, and the Contractor shall have no claim whatsoever against the Department, or Railroad for any inconvenience, delay, or additional cost incurred by him on account of such operations by others.

11. TRAINMAN'S WALKWAYS:

Along the outer side of each exterior track of multiple operated tracks, and on each side of single operated track, an unobstructed continuous space suitable for trainman's use in walking along trains, extending to a line not less than 10' from centerline of track, shall be

maintained. Any temporary impediments to walkways and track drainage encroachments or obstructions allowed during work hours while Railroad's protective service is provided shall be removed before the close of each work day. If there is any excavation near the walkway, a handrail, with 10'-0" minimum clearance from centerline of track shall be placed.

12. GUIDELINES FOR PERSONNEL ON RAILROAD'S RIGHT OF WAY:

- A. All persons shall wear hard hats. Appropriate eye and hearing protection must be used. Working in shorts is prohibited. Shirts must cover shoulders, back and abdomen. Working in tennis or jogging shoes, sandals, boots with high heels, cowboy and other slip-on type boots is prohibited. Hard-sole, lace-up footwear, zippered boots or boots cinched up with straps which fit snugly about the ankle are adequate. Wearing Safety boots is strongly recommended. In the vicinity of at-grade crossings, it is strongly recommended to wear reflective vests.
- B. No one is allowed within 25' of the centerline of track without specific authorization from the flagman.
- C. All persons working near track while train is passing are to lookout for dragging bands, chains and protruding or shifted cargo.
- D. No one is allowed to cross tracks without specific authorization from the flagman.
- E. All welders and cutting torches working within 25' of track must stop when train is passing.
- F. No steel tape or chain will be allowed to cross or touch rails without permission.

13. GUIDELINES FOR EQUIPMENT ON RAILROAD'S RIGHT OF WAY:

- A. No crane or boom equipment will be allowed to set up to work or park within boom distance plus 15 ft. of centerline of track without specific permission from Railroad Engineer and flagman.
- B. No crane or boom equipment will be allowed to foul track or lift a load over the track without flag protection and track time.
- C. All employees will stay with their machines when crane or boom equipment is pointed toward track.
- D. All cranes and boom equipment under load will stop work while train is passing (including pile driving).
- E. Swinging loads must be secured to prevent movement while train is passing.

- F. No loads will be suspended above a moving train.
- G. No equipment will be allowed within 25' of centerline of track without specific authorization of the flagman.
- H. Trucks, tractors or any equipment will not touch ballast line without specific permission from railroad official and flagman.
- I. No equipment or load movement within 25' or above a standing train or railroad equipment without specific authorization of the flagman.
- J. All operating equipment within 25' of track must halt operations when a train is passing. All other operating equipment may be halted by the flagman if the flagman views the operation to be dangerous to the passing train.
- K. All equipment, loads and cables are prohibited from touching rails.
- L. While clearing and grubbing, no vegetation will be removed from Railroad embankment with heavy equipment without specific permission from the Railroad Engineer and flagman.
- M. No equipment or materials will be parked or stored on Railroad's property unless specific authorization is granted from the Railroad Engineer.
- N. All unattended equipment that is left parked on Railroad's property shall be effectively immobilized so that it cannot be moved by unauthorized persons.
- O. All cranes and boom equipment will be turned away from track after each work day or whenever unattended by an operator.

14. INSURANCE:

- A. In addition to any other forms of insurance or bonds required under the terms of the contract and specifications, the Prime Contractor will be required to provide coverage conforming to the requirements of the Federal-Aid Policy Guide outlined under Title 23 Subchapter G, Part 646A for all work to be performed on Railroad's right of way by carrying insurance of the following kinds and amounts:

- (1) **Commercial General Liability Insurance** having a combined single limit of not less than \$2,000,000 per occurrence for all loss, damage, cost and expense, including attorneys' fees, arising out of bodily injury liability and property damage liability during the policy period. Said policy shall include explosion, collapse, and underground hazard (XCU) coverage, shall be endorsed to name Railroad specified in section 14A2(c) below both as the certificate holder and as an additional insured, and shall include a severability of interests provision.

- (2) **Railroad Protective Liability Insurance** having a combined single limit of not less than \$2,000,000 each occurrence and \$6,000,000 in the aggregate applying separately to each annual period. If the project involves track over which passenger trains operate, the insurance limits required are not less than a combined single limit of \$5,000,000 each occurrence and \$10,000,000 in the aggregate applying separately to each annual period. Said policy shall provide coverage for all loss, damage or expense arising from bodily injury and property damage liability, and physical damage to property attributed to acts or omissions at the job site.

The standards for the Railroad Protective Liability Insurance are as follows:

- (a) The insurer must be rated A- or better by A.M. Best Company, Inc.
- (b) The policy must be written using one of the following combinations of Insurance Services Office (“ISO”) Railroad Protective Liability Insurance Form Numbers:
  - (1) CG 00 35 01 96 and CG 28 31 10 93; or
  - (2) CG 00 35 07 98 and CG 28 31 07 98; or
  - (3) CG 00 35 10 01; or
  - (4) CG 00 35 12 04

- (c) The named insured shall read:

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.

The Description and Designation shall read:

Description and Designation: Overlay of bridge deck on Bridge No. 259 on US 220 (Wendover Avenue) over Norfolk Southern Railway in Greensboro in Guilford County, North Carolina identified as State Project BP-5300R

- (e) The job location must appear on the Declarations and must include the city, state, and appropriate highway name/number.

NOTE: Do not include any references to milepost on the insurance policy.

- (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:

Broad Form Nuclear Exclusion – Form IL 00 21  
30-day Advance Notice of Non-renewal or cancellation  
60-day written notice to the Department prior to cancellation or change  
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 section 14A2 (h) above.

B. If any part of the work is sublet, similar insurance, and evidence thereof as specified in section 14A1 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 Railroad's right of way, 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 Railroad. In addition, certificates of insurance evidencing the Prime Contractor's and any subcontractors' Commercial General Liability Insurance shall be issued to the Department and Railroad at the addresses below, and one certified copy of the Prime Contractor and any Subcontractors policy is to be forwarded to the Department for its review and transmittal to the Railroad. All policies and certificates of insurance shall state that the insurance coverage will not be suspended, voided, canceled, or reduced in coverage or limits without (30) days advance written notice to the Department and Railroad. The Railroad will not permit any work on its right of way until it has reviewed and approved the evidence of insurance required herein.

**DEPARTMENT:**

NCDOT Rail Division  
Engineering & Safety Branch  
C/O State Railroad Agent  
1556 Mail Service Center  
Raleigh, NC 27699-1556

**RAILROAD:**

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

D. The insurance required herein shall in no way serve to limit the liability of Department or its Contractors under the terms of this agreement.

- E. The insurance amounts specified are minimum amounts and the Contractor may carry insurance in larger amounts if he so desires. As to "aggregate limits", if the insurer establishes loss reserves equal to or in excess of the aggregate limit specified in any of the required insurance policies, the Contractor shall immediately notify the Department and shall cease all operations until the aggregate limit is reinstated. If the insurer establishes loss reserves equal to or in excess of one/half of the aggregate limit, the Contractor shall arrange to restore the aggregate limit to at least the minimum amount stated in these requirements. Any insurance policies and certificates taken out and furnished due to these requirements shall be approved by the Department and Railroad as to form and amount prior to beginning work on Railroad's right of way.
- F. All insurance herein before specified shall be carried until the final inspection and acceptance of the project by the Department and Railroad, or acceptance of that portion of the project within Railroad's right of way. At this point, no work or any other activities by the Contractor shall take place in Railroad's right of way without written permission from both the Department and Railroad.

15. FAILURE TO COMPLY:

- A. In the event the Contractor violates or fails to comply with any of the requirements of these Special Provisions:
- (1) The Railroad Engineer may require that the Contractor vacate Railroad's property.
  - (2) The Department Engineer may withhold all monies due the Contractor on monthly statements.

Any such orders shall remain in effect until the Contractor has remedied the situation to the satisfaction of the Department Engineer and the Railroad Engineer.

16. PAYMENT FOR COST OF COMPLIANCE:

No separate payment will be made for any extra cost incurred on account of compliance with these special provisions. All such cost shall be included in the various prices bid to perform the work.

17. COMPLETION AND ACCEPTANCE:

Upon completion of the work, the Contractor shall remove from within the limits of the Railroad's right of way all machinery, equipment, surplus materials, rubbish or temporary buildings of the Contractor, and leave said right of way in a neat and orderly condition. After the final inspection has been made and work found to be completed in a satisfactory manner acceptable to the Department and Railroad, the Department will be notified of the Railroad's acceptance in writing by the Railroad's Chief Engineer or his authorized representative within ten (10) days or as soon thereafter as practicable.

C202806 (BP-5300R)

85

*New 1-12-12*  
Guilford County

**RAILROAD SITE DATA:**

Number of Trains per Day: 0 Freight, 28 Passenger

Speed: 65 mph