



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

December 14, 2017

Addendum No. 1

RE: **DD00235**
Johnston County

To Whom It May Concern:

Reference is made to the above-mentioned project. The following changes/additions/deletions have been made:

1. Replace plan sheet 4 with the attached revised plan sheet R3825B_rdy_psh04rev_Clearing.pdf. This revision identifies two trees that are to remain.
2. Replace Page 24 and Page 25 with the attached Page 24, Page 24-A, Page 24-B, Page 24-C, Page 24-D, Page 24-E, Page 24-F and Page 25. This modifies the Corridor Clearing provision and adds a pay item for Temporary Stream Crossing.
3. Use the revised EBS file, DD00235.001. It is posted on the Bid Express site and on the Division 4 Letting website.
4. The day and time for submission of bids remains the same, which is prior to Tuesday, December 19, 2017 at 2:00 PM, but the public opening of bids will be delayed until 4:00 PM the same day.

This sheet and attachments shall be made a part of the plans and bid documents and shall be submitted with the bid. Bids submitted without the addenda and attachments will be considered non-responsive.

If there are any questions, please contact me at (252) 640-6416.

Sincerely,

J. Charles Cauley
Division Four Contracts and Proposals Engineer

JCC/
Attachment

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION FOUR OFFICE
POST OFFICE BOX 3165
WILSON, NC 27895

Telephone: (252) 640-6400
Fax: (252) 234-6174
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
509 WARD BOULEVARD
WILSON, NC 27895

8/17/99

JAMES B. HUNT
 DB 509 PG 31
 DB 3955 PG 971
 PB 76 PG 94

JAMES B HUNT AND
 ROBERT B HUNT
 DB 509 PG 31
 PB 76 PG 94

①
 KEVIN M AMIGH AND
 WIFE ELIZABETH B AMIGH
 DB 480 PG 432
 DB 1996 482
 PB 73 PG 276
 PB 53 PG 250

①
 KEVIN M AMIGH
 AND WIFE
 ELIZABETH B AMIGH
 DB 480 PG 432
 DB 1996 482
 PB 73 PG 276
 PB 53 PG 250

③
 ROBERT B HUNT AND
 WIFE MARGARET H HUNT
 DB 480 PG 418
 DB 848 PG 330
 PB 76 PG 150

②
 THE SHOPPES AT GLEN LAUREL
 DB 4835 PG 316
 PB 83 PG 369

NAD 83/2011

DO NOT DISTURB PINE TREES
 (PLACE TREE PROTECTION
 FENCING AROUND TREES)

MATCHLINE -L- STA. 23+00.00 SEE SHEET 5

CLEARING LIMITS
 METHOD III



REVISIONS

R:\2017\proj\Clearing_Plans\R3825b_rdy_psi\04.dgn
 8/17/99
 vjames@urscorp.com

GREEN TRANSPORT INC.

PROJECT SPECIAL PROVISIONS**ROADWAY****CORRIDOR CLEARING:**

The work covered by this section includes corridor clearing and debris removal of mainline roadway corridor and Y-line roadway corridors as required within the project limits along NC 42 in Johnston County. The Contractor shall be responsible for leaving a clear passable right of way upon completion of clearing operation.

The work shall include the furnishing of all equipment, tools, materials, transportation and labor necessary for the prosecution and completion of the work.

CLEARING

The clearing operation shall include the clearing of trees and brush of all sizes within the identified corridor limits. Contractor shall clear from the ground line to the sky (including hazard trees, limbs hanging in to the easement or right of way). Tree stumps shall be cut flush with the existing ground line to allow for truck access. Mulch will be allowed to stay on site but tree debris not in mulch form shall be removed from the right of way by the Contractor. Mulch should be spread in an even layer along right of way slopes behind ditch lines with no piles or wind-rows. Mulch should not be deeper than 4 inches. Mulch shall only be allowed in unmaintained areas.

The designated area for corridor clearing is shown in the plans and as directed by the Engineer.

The Contractor will be required to clear at mainline bridges and stream banks as directed by the Engineer. No mulch or debris shall be deposited into streams.

TEMPORARY STREAM CROSSING

The Contractor will not be allowed to place any personnel or equipment in streams. The Contractor will be allowed to cross required streams only once at the Engineer's approval. Stream crossings must be installed as per the Standard Drawing for Temporary Stream Crossing 1645.01 in the 2012 NCDOT Roadway Standard Drawings or the Contractor may opt to use wood mats for temporary stream crossings, with the approval of the Engineer. If wood mats are used, Contractor will use adequately sized mats with a layer of SECURED geotextile fabric to prevent soil from entering the stream. Temporary Stream Crossings will be paid for per crossing.

SAFETY

The Contractor shall comply with all applicable Federal, State and local laws, ordinances and regulations governing safety, health and sanitation, and shall provide all safeguards, safety devices and protective equipment, and shall take any other needed actions, on his own responsibility, that are reasonable necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

All Contractors' personnel shall wear a reflective vest or outer garment conforming to MUTCD at all times while on the project.

The Contractor shall take every means necessary to ensure that all trees are dropped away from the roadway and/or structures.

EQUIPMENT REQUIREMENTS

The Contractor shall furnish equipment of sufficient type, capacity, and quantity to safely and efficiently perform the corridor clearing work.

The safety of the public and the convenience of traffic shall be regarded as prime importance.

REMOVAL AND DISPOSAL OF DEBRIS

Removal and disposal of all tree debris shall be the responsibility of the Contractor. If the Contractor chooses to dispose of debris it shall be disposed of in a certified debris landfill.

Stockpiling of debris on the right-of-way shall not be permitted. All cost involved with the disposal of the cleared materials shall be included in the contract unit price.

SELECT HAND CLEARING

Select Hand Clearing will account for additional hand clearing work to be performed in all wetland areas and outside of the designated corridor limits as directed by the Engineer. This will account for a crew of three (3) laborers to perform the clearing work and all equipment necessary to complete hand clearing and remove or mulch debris. Any mechanized equipment used in these areas will be required to be on wood mats. No soil inversion will be allowed. If any soil inversion or ground disturbance occurs during the clearing operation, then the Contractor will be required to comply with the EROSION AND SEDIMENT CONTROL/STORMWATER CERTIFICATION PROVISION, including NPDES record keeping and any necessary Erosion Control measures. Payment for Select Hand Clearing will be made to the nearest half hour.

QUALITY, INSPECTION AND BASIS OF ACCEPTANCE

Work shall be completed in a neat, continuous, and uninterrupted manner as determined by the Engineer. Completed work shall be clean and free of all debris. All work shall be subject to inspection by the Engineer at any time. It will be the responsibility of the Contractor to keep the Engineer informed of his/her proposed work plan.

BASIS OF PAYMENT

The quantity of corridor clearing will be paid for at the Lump Sum price for "Corridor Clearing". Bid prices and payments will be full compensation for all work, including but not limited to supervision, labor, transportation, fuels, lubricants, repair parts, equipment, machinery, and tools, necessary for the prosecution and completion of the work. Payments will be made to the Contractor for work accomplished and accepted.

Payment for this item will be made for as follows:

Pay Item	Pay Unit
Corridor Clearing	Lump Sum
Select Hand Clearing	Hour
Temporary Stream Crossing	Each

EROSION AND SEDIMENT CONTROL/STORMWATER CERTIFICATION:

(1-16-07) (Rev 11-22-16)

105-16, 225-2, 16

SP1 G180

General

Schedule and conduct construction activities in a manner that will minimize soil erosion and the resulting sedimentation and turbidity of surface waters. Comply with the requirements herein regardless of whether or not a National Pollution discharge Elimination System (NPDES) permit for the work is required.

Establish a chain of responsibility for operations and subcontractors' operations to ensure that the *Erosion and Sediment Control/Stormwater Pollution Prevention Plan* is implemented and maintained over the life of the contract.

- (A) *Certified Supervisor* - Provide a certified Erosion and Sediment Control/Stormwater Supervisor to manage the Contractor and subcontractor operations, insure compliance with Federal, State and Local ordinances and regulations, and manage the Quality Control Program.
- (B) *Certified Foreman* - Provide a certified, trained foreman for each construction operation that increases the potential for soil erosion or the possible sedimentation and turbidity of surface waters.
- (C) *Certified Installer* - Provide a certified installer to install or direct the installation for erosion or sediment/stormwater control practices.
- (D) *Certified Designer* - Provide a certified designer for the design of the erosion and sediment control/stormwater component of reclamation plans and, if applicable, for the design of the project erosion and sediment control/stormwater plan.

Roles and Responsibilities

- (A) *Certified Erosion and Sediment Control/Stormwater Supervisor* - The Certified Supervisor shall be Level II and responsible for ensuring the erosion and sediment control/stormwater plan is adequately implemented and maintained on the project and for conducting the quality control program. The Certified Supervisor shall be on the project within 24 hours notice from initial exposure of an erodible surface to the project's final acceptance. Perform the following duties:
 - (1) **Manage Operations** - Coordinate and schedule the work of subcontractors so that erosion and sediment control/stormwater measures are fully executed for each operation and in a timely manner over the duration of the contract.
 - (a) Oversee the work of subcontractors so that appropriate erosion and sediment control/stormwater preventive measures are conformed to at each stage of the work.

- (b) Prepare the required National Pollutant Discharge Elimination System (NPDES) Inspection Record and submit to the Engineer.
 - (c) Attend all weekly or monthly construction meetings to discuss the findings of the NPDES inspection and other related issues.
 - (d) Implement the erosion and sediment control/stormwater site plans requested.
 - (e) Provide any needed erosion and sediment control/stormwater practices for the Contractor's temporary work not shown on the plans, such as, but not limited to work platforms, temporary construction, pumping operations, plant and storage yards, and cofferdams.
 - (f) Acquire applicable permits and comply with requirements for borrow pits, dewatering, and any temporary work conducted by the Contractor in jurisdictional areas.
 - (g) Conduct all erosion and sediment control/stormwater work in a timely and workmanlike manner.
 - (h) Fully perform and install erosion and sediment control/stormwater work prior to any suspension of the work.
 - (i) Coordinate with Department, Federal, State and Local Regulatory agencies on resolution of erosion and sediment control/stormwater issues due to the Contractor's operations.
 - (j) Ensure that proper cleanup occurs from vehicle tracking on paved surfaces or any location where sediment leaves the Right-of-Way.
 - (k) Have available a set of erosion and sediment control/stormwater plans that are initialed and include the installation date of Best Management Practices. These practices shall include temporary and permanent groundcover and be properly updated to reflect necessary plan and field changes for use and review by Department personnel as well as regulatory agencies.
- (2) Requirements set forth under the NPDES Permit - The Department's NPDES Stormwater permit (NCS000250) outlines certain objectives and management measures pertaining to construction activities. The permit references *NCG010000, General Permit to Discharge Stormwater* under the NPDES, and states that the Department shall incorporate the applicable requirements into its delegated Erosion and Sediment Control Program for construction activities disturbing one or more acres of land. The Department further incorporates these requirements on all contracted bridge and culvert work at jurisdictional waters, regardless of size. Some of the requirements are, but are not limited to:
- (a) Control project site waste to prevent contamination of surface or ground waters of the state, i.e. from equipment operation/maintenance, construction materials, concrete washout, chemicals, litter, fuels, lubricants, coolants, hydraulic fluids, any other petroleum products, and sanitary waste.
 - (b) Inspect erosion and sediment control/stormwater devices and stormwater discharge outfalls at least once every 7 calendar days and within 24 hours after a rainfall event of 0.5 inch that occurs within a 24 hour period. Additional monitoring may be required at the discretion of Division of

- Water Resources personnel if the receiving stream is 303(d) listed for turbidity and the project has had documented problems managing turbidity.
- (c) Maintain an onsite rain gauge or use the Department's Multi-Sensor Precipitation Estimate website to maintain a daily record of rainfall amounts and dates.
 - (d) Maintain erosion and sediment control/stormwater inspection records for review by Department and Regulatory personnel upon request.
 - (e) Implement approved reclamation plans on all borrow pits, waste sites and staging areas.
 - (f) Maintain a log of turbidity test results as outlined in the Department's Procedure for Monitoring Borrow Pit Discharge.
 - (g) Provide secondary containment for bulk storage of liquid materials.
 - (h) Provide training for employees concerning general erosion and sediment control/stormwater awareness, the Department's NPDES Stormwater Permit NCS000250 requirements, and the applicable requirements of the *General Permit, NCG010000*.
 - (i) Report violations of the NPDES permit to the Engineer immediately who will notify the Division of Water Quality Regional Office within 24 hours of becoming aware of the violation.
- (3) Quality Control Program - Maintain a quality control program to control erosion, prevent sedimentation and follow provisions/conditions of permits. The quality control program shall:
- (a) Follow permit requirements related to the Contractor and subcontractors' construction activities.
 - (b) Ensure that all operators and subcontractors on site have the proper erosion and sediment control/stormwater certification.
 - (c) Notify the Engineer when the required certified erosion and sediment control/stormwater personnel are not available on the job site when needed.
 - (d) Conduct the inspections required by the NPDES permit.
 - (e) Take corrective actions in the proper timeframe as required by the NPDES permit for problem areas identified during the NPDES inspections.
 - (f) Incorporate erosion control into the work in a timely manner and stabilize disturbed areas with mulch/seed or vegetative cover on a section-by-section basis.
 - (g) Use flocculants approved by state regulatory authorities where appropriate and where required for turbidity and sedimentation reduction.
 - (h) Ensure proper installation and maintenance of temporary erosion and sediment control devices.
 - (i) Remove temporary erosion or sediment control devices when they are no longer necessary as agreed upon by the Engineer.
 - (j) The Contractor's quality control and inspection procedures shall be subject to review by the Engineer. Maintain NPDES inspection records and make records available at all times for verification by the Engineer.

- (B) *Certified Foreman* - At least one Certified Foreman shall be onsite for each type of work listed herein during the respective construction activities to control erosion, prevent sedimentation and follow permit provisions:

- (1) Foreman in charge of grading activities
- (2) Foreman in charge of bridge or culvert construction over jurisdictional areas
- (3) Foreman in charge of utility activities

The Contractor may request to use the same person as the Level II Supervisor and Level II Foreman. This person shall be onsite whenever construction activities as described above are taking place. This request shall be approved by the Engineer prior to work beginning.

The Contractor may request to name a single Level II Foreman to oversee multiple construction activities on small bridge or culvert replacement projects. This request shall be approved by the Engineer prior to work beginning.

- (C) *Certified Installers* - Provide at least one onsite, Level I Certified Installer for each of the following erosion and sediment control/stormwater crew:

- (1) Seeding and Mulching
- (2) Temporary Seeding
- (3) Temporary Mulching
- (4) Sodding
- (5) Silt fence or other perimeter erosion/sediment control device installations
- (6) Erosion control blanket installation
- (7) Hydraulic tackifier installation
- (8) Turbidity curtain installation
- (9) Rock ditch check/sediment dam installation
- (10) Ditch liner/matting installation
- (11) Inlet protection
- (12) Riprap placement
- (13) Stormwater BMP installations (such as but not limited to level spreaders, retention/detention devices)
- (14) Pipe installations within jurisdictional areas

If a Level I *Certified Installer* is not onsite, the Contractor may substitute a Level II Foreman for a Level I Installer, provided the Level II Foreman is not tasked to another crew requiring Level II Foreman oversight.

- (D) *Certified Designer* - Include the certification number of the Level III-B Certified Designer on the erosion and sediment control/stormwater component of all reclamation plans and if applicable, the certification number of the Level III-A Certified Designer on the design of the project erosion and sediment control/stormwater plan.

Preconstruction Meeting

Furnish the names of the *Certified Erosion and Sediment Control/Stormwater Supervisor*, *Certified Foremen*, *Certified Installers* and *Certified Designer* and notify the Engineer of changes in certified personnel over the life of the contract within 2 days of change.

Ethical Responsibility

Any company performing work for the North Carolina Department of Transportation has the ethical responsibility to fully disclose any reprimand or dismissal of an employee resulting from improper testing or falsification of records.

Revocation or Suspension of Certification

Upon recommendation of the Chief Engineer to the certification entity, certification for *Supervisor*, *Certified Foremen*, *Certified Installers* and *Certified Designer* may be revoked or suspended with the issuance of an *Immediate Corrective Action (ICA)*, *Notice of Violation (NOV)*, or *Cease and Desist Order* for erosion and sediment control/stormwater related issues.

The Chief Engineer may recommend suspension or permanent revocation of certification due to the following:

- (A) Failure to adequately perform the duties as defined within this certification provision.
- (B) Issuance of an ICA, NOV, or Cease and Desist Order.
- (C) Failure to fully perform environmental commitments as detailed within the permit conditions and specifications.
- (D) Demonstration of erroneous documentation or reporting techniques.
- (E) Cheating or copying another candidate's work on an examination.
- (F) Intentional falsification of records.
- (G) Directing a subordinate under direct or indirect supervision to perform any of the above actions.
- (H) Dismissal from a company for any of the above reasons.
- (I) Suspension or revocation of one's certification by another entity.

Suspension or revocation of a certification will be sent by certified mail to the certificant and the Corporate Head of the company that employs the certificant.

A certificant has the right to appeal any adverse action which results in suspension or permanent revocation of certification by responding, in writing, to the Chief Engineer within 10 calendar days after receiving notice of the proposed adverse action.

Chief Engineer
1536 Mail Service Center
Raleigh, NC 27699-1536

Failure to appeal within 10 calendar days will result in the proposed adverse action becoming effective on the date specified on the certified notice. Failure to appeal within the time specified will result in a waiver of all future appeal rights regarding the adverse action taken. The certificant will not be allowed to perform duties associated with the certification during the appeal process.

The Chief Engineer will hear the appeal and make a decision within 7 days of hearing the appeal. Decision of the Chief Engineer will be final and will be made in writing to the certificant.

If a certification is temporarily suspended, the certificant shall pass any applicable written examination and any proficiency examination, at the conclusion of the specified suspension period, prior to having the certification reinstated.

Measurement and Payment

Certified Erosion and Sediment Control/Stormwater Supervisor, Certified Foremen, Certified Installers and Certified Designer will be incidental to the project for which no direct compensation will be made.

BURNING RESTRICTIONS:

(7-1-95)

200, 210, 215

SP2 R05

Open burning is not permitted on any portion of the right-of-way limits established for this project. Do not burn the clearing, grubbing or demolition debris designated for disposal and generated from the project at locations within the project limits, off the project limits or at any waste or borrow sites in this county. Dispose of the clearing, grubbing and demolition debris by means other than burning, according to state or local rules and regulations.

MATERIALS:

(2-21-12) (Rev. 11-22-16)

1000, 1002, 1005, 1016, 1018, 1024, 1050, 1074, 1078, 1080, 1081, 1086, 1084, 1087, 1092

SP10 R01

Revise the 2012 *Standard Specifications* as follows:

Page 10-1, Article 1000-1, DESCRIPTION, lines 9-10, replace the last sentence of the first paragraph with the following:

Type IL, IP, IS or IT blended cement may be used instead of Portland cement.