

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION



DIVISION 10 BRIDGE MAINTENANCE

CONTRACT PROPOSAL

SMALL BUSINESS ENTERPRISE

WBS ELEMENT: 10B.106011, etc. COUNTY: Anson, Cabarrus, Mecklenburg, Stanly and Union

TYPE OF WORK & LOCATION: Pressure Washing Steel Beams & Bearing Plates on various bridges throughout Division 10.

BID OPENING: April 3, 2013@ 10:00AM

DATE OF AVAILABILITY: April 29, 2013

COMPLETION DATE: September 30, 2013

NOTICE:

ALL BIDDERS SHALL

COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA.

NAME OF BIDDER

N.C. CONTRACTOR'S LICENSE NUMBER

ADDRESS OF BIDDER

*****DO NOT SEPARATE THE BID SHEET FROM THE PROPOSAL!*****

RETURN BIDS TO:

Mr. Kevin Bridges, PE
NC Department of Transportation
716 West Main Street
Albemarle, NC 28001

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INSTRUCTIONS TO BIDDERS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE PREPARING AND SUBMITTING YOUR BID.

All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement shall cause the bid to be considered irregular and may be grounds for rejection of the bid.

1. The bid sheet furnished by NCDOT with the proposal shall be used and shall not be altered in any manner. **DO NOT SEPARATE THE BID SHEET FROM THE PROPOSAL!**
2. All entries on the bid sheet, including signatures, shall be written in ink.
3. The Bidder shall submit a unit price for every item on the bid form. The unit prices for the various contract items shall be written in figures. *****Unit Prices shall be rounded off by the bidder to contain no more than FOUR decimal places.*****
4. An amount bid shall be entered on the bid sheet for every item. The amount bid for each item shall be determined by multiplying each unit bid by the quantity for that item, and shall be written in figures in the "Amount Bid" column of the sheet.
5. The total amount bid shall be written in figures in the proper place on the bid sheet. The total amount shall be determined by adding the amounts bid for each item.
6. Changes in any entry shall be made by marking through the entry in ink and making the correct entry adjacent thereto in ink. A representative of the Bidder shall initial the change in ink.
7. The bid shall be properly executed. All bids shall show the following information:
 - a. Name of individual, firm, corporation, partnership, or joint venture submitting bid.
 - b. Name of individual or representative submitting bid and position or title.
 - c. Name, signature, and position or title of witness.
 - d. Federal Identification Number
 - e. Contractor's License Number
8. Bids submitted by corporations shall bear the seal of the corporation.
9. The bid shall not contain any unauthorized additions, deletions, or conditional bids.
10. The bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
11. A bid bond or deposit is not required when submitting a bid for this project.
12. **THE PROPOSAL WITH THE BID SHEET STILL ATTACHED SHALL BE PLACED IN A SEALED ENVELOPE AND SHALL HAVE BEEN DELIVERED TO AND RECEIVED IN THE DIVISION 10 BRIDGE MAINTENANCE ENGINEER'S OFFICE AT 716 WEST MAIN STREET, ALBEMARLE, NC 28001 BY 10:00 A.M. ON Wednesday, April 3rd, 2013.**
13. If delivered by mail, the sealed envelope shall be addressed as follows:

**Mr. Kevin Bridges, PE
NC Department of Transportation
716 West Main Street
Albemarle, NC 28001**

14. The sealed bid must display the following statement on the bottom left-hand corner of the sealed envelope:
**QUOTATION FOR WORK ORDER NUMBER WBS# 10B.106011 etc. TO BE OPENED
Wednesday, April 3rd, 2013 AT 10:00 A.M.**

The award of the contract, if it is awarded, will be made to the lowest responsible Bidder in accordance with Section 102 (excluding 102-2 and 102-10) of the 2012 Standard Specifications for Roads and Structures. The lowest responsible Bidder will be notified that his bid has been accepted and that he has been awarded the contract. NCDOT reserves the right to reject all bids.

SMALL BUSINESS ENTERPRISE PURCHASE ORDER CONTRACT

STANDARD PROVISIONS

BIDDING REQUIREMENTS FOR SMALL BUSINESS ENTERPRISE (SBE) CONTRACTS

Any firm seeking to bid on this project must be certified as a Small Business Enterprise (SBE) with the Contractual Services Unit as of the date of bid opening, or their bid will automatically be disqualified. Certified firms eligible to bid are listed in the SBE Directory available at the following website address:

<https://apps.dot.state.nc.us/vendor/directory>

Applications for the SBE Program may be obtained from any Division or District Office, the Contractual Services Unit, Operations, or the following website address:

<http://www.ncdot.org/business/ocs/sbe/pdf/AppSelfCert.pdf>

Any bid received on this project from a firm not maintaining a current certification with NCDOT as a Small Business Enterprise shall automatically be rejected.

AUTHORITY OF THE ENGINEER

The Engineer for this project shall be the Division Engineer, Division 10, Division of Highways, North Carolina Department of Transportation, acting directly or through his duly authorized representatives.

The Engineer will decide all questions which may arise as to the quality and acceptability of work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the contract; and all questions as to the acceptable fulfillment of the contract on the part of the Contractor. His decision shall be final and he shall have executive authority to enforce and make effective such decisions and orders as the Contractor fails to carry out promptly.

The Contractor will be required to obtain written approval from the Engineer for any subcontract work performed on this project prior to the subcontracted work being performed in accordance with Article 108-6 of the NCDOT Standard Specifications for Roads and Structures.

MATERIALS AND TESTING

The Engineer reserves the right to perform all sampling and testing in accordance with Section 106 of the Standard Specifications and the Department's "Materials and Tests Manual." However the Engineer may reduce the frequency of sampling and testing where he deems it appropriate for the project under construction.

All steel products which are permanently incorporated into this project shall be domestically produced. The Contractor shall furnish a notarized certification certifying that steel products conform to this requirement.

The Contractor shall furnish the applicable certifications and documentation for all materials as required by the Standard Specifications. Material which is not properly certified will not be accepted.

Delivery tickets for all material paid by weight, shall be furnished in accordance with Section 106-7 of the Standard Specifications and shall include the following information:

1. NCDOT Work Order Number
2. Date
3. Time issued
4. Type of material
5. Gross weight
6. Tare weight
7. Net weight of material
8. Plant location
9. Truck number
10. Contractor's name
11. Public weighmaster's stamp or number
12. Public weighmaster's signature or initials in ink
13. Job mix formula number

BASIS OF PAYMENT

The Contractor may submit a request for partial payment on a monthly basis, or other interval as approved by the Engineer. Compensation for all pay items shall be in accordance with the Standard Specifications. The amount of partial payments will be based on the work accomplished and accepted as the last day of the approved pay period.

Requests for payment can be made on the form furnished to the Contractor by the Department of Transportation. The form shall be completely and legibly filled out with all appropriate information supplied and shall be signed by an authorized representative of the Contractor.

If the request for payment is made by Contractor's Invoice, the Invoice shall be submitted to:

Mr. Kevin Bridges, P.E.
NC Department of Transportation
716 West Main Street
Albemarle, NC 28001

All invoice items and unit costs shall correspond to contract pay items. In the event of error or discrepancy in items or unit costs, the Department may return the invoice to the contractor for correction.

CLAIMS FOR ADDITIONAL COMPENSATION OR EXTENSION OF TIME

The Contractor's attention is directed to the fact that Article 104-5 pertaining to revised contract unit prices will not apply to this contract.

Please be advised that General Statute 136-29 of the Road and Highway Laws of North Carolina provides that a contractor who has not received the amount he claims he is due under the contract may submit a written verified claim to the State Highway Administrator within sixty (60) days after receipt

of the final statement. The mailing address for the State Highway Administrator is: N. C. Department of Transportation, 1536 Mail Service Center, Raleigh, NC 27699-1536.

SUPERVISION BY CONTRACTOR

At all times during the life of the project the Contractor shall provide one permanent employee who shall have the authority and capability for overall responsibility of the project and who shall be personally available at the work site within 24 hours notice. Such employee shall be fully authorized to conduct all business with the subcontractors, to negotiate and execute all supplemental agreements, and to execute the orders or directions of the Engineer.

At all times that work is actually being performed, the Contractor shall have present on the project one competent individual who is authorized to act in a supervisory capacity over all work on the project, including work subcontracted. The individual who has been so authorized shall be experienced in the type of work being performed and shall be fully capable of managing, directing, and coordinating the work; of reading and thoroughly understanding the contract, and plans; and receiving and carrying out directions from the Engineer or his authorized representatives. He shall be an employee of the Contractor unless otherwise approved by the Engineer.

The Contractor may, at his option, designate one employee to meet the requirements of both positions. However, whenever the designated employee is absent from the work site, an authorized individual qualified to act in a supervisory capacity on the project shall be present.

NOTIFICATION OF OPERATIONS

The Contractor shall notify the Engineer 48 hours in advance of beginning work on this project. The Contractor shall give the Engineer sufficient notice of all operations for any sampling, inspection or acceptance testing required.

SUBLETTING OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign or otherwise dispose of this contract or any portion thereof; or his right, title, or interest therein; without written consent of the Engineer. Subletting of this contract or any portion of the contract shall conform to the requirements of Article of 108-6 of the Standard Specifications.

DEFAULT OF CONTRACT

The Department of Transportation shall have the right to declare a default of contract for breach by the Contractor of any material term or condition of the contract. Default of contract shall be in accordance with the terms, conditions, and procedures of Article 108-9 of the Standard Specifications.

EXTENSION OF CONTRACT TIME

Failure on the part of the Contractor to furnish bonds or certifications, or to satisfy preliminary requirements necessary to issue the purchase order will not constitute grounds for extension of the contract time. If the Contractor has fulfilled all preliminary requirements for the issuance of a purchase order, and the purchase order authorization is not available by the date of availability, the Contractor shall be granted an extension equal to the number of calendar days the purchase order authorization is delayed after the date of availability.

GIFTS FROM VENDORS AND CONTRACTORS

(12-15-09)

RG 152

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.

OUTSOURCING OUTSIDE THE USA

(9-21-04) (Rev. 5-16-06)

SP1 G150

All work on consultant contracts, services contracts, and construction contracts shall be performed in the United States of America. No work shall be outsourced outside of the United States of America.

Outsourcing for the purpose of this provision is defined as the practice of subcontracting labor, work, services, staffing, or personnel to entities located outside of the United States.

The North Carolina Secretary of Transportation shall approve exceptions to this provision in writing.

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”.

EROSION, SILTATION, AND POLLUTION CONTROL

The Contractor shall exercise every reasonable precaution and take all necessary measures throughout the life of the project to prevent erosion, siltation, and pollution in accordance with Section 107-13 of the Standard Specifications. Silt fence and erosion control measures shall be installed in accordance with the plans for this project, Section 1605 of the Standard Specifications, and in locations directed by the Engineer or his representative.

SAFETY AND ACCIDENT PROTECTION

In accordance with Article 107-22 of the Standard Specifications, 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 reasonably 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.

FINAL INVOICE

After the project has been completed and accepted, the Contractor shall submit his invoice for final payment to the following address:

Mr. Kevin Bridges, P.E.
NC Department of Transportation
716 West Main Street
Albemarle, NC 28001

Contractor shall include all documents required in Section 109-10 of the January 2012 Standard Specifications For Roads and Structures with the invoice requesting final payment:

PURCHASE ORDER CONTRACT **SPECIAL PROVISIONS**

SCOPE OF WORK

The Contractor shall provide pressure washing of steel beams ends (6 ft. from the ends of each beam at either end – per each span length) at the connection with a pier or abutment; this will include all types of bearing plate assemblies that connect the beams to a pier or abutment. The work locations will be overpass bridges maintained by NCDOT on or over an interstate, primary or secondary route in the following counties: Mecklenburg, Cabarrus, Union, Stanly, and Anson Counties (overpass bridges over I-77, I-277, I-85, I-485, and along US 29, US 52, US 74, US 601, NC 3, NC 49, NC 109, NC 145, and selected secondary routes. This contract excludes bridge spans over waterways and railways - but does include the other spans of the same bridge. A list of these overpass bridges is included in this contract, see APPENDIX A. THERE ARE APPROXIMATELY 153 BRIDGES TO BE PRESSURE WASHED , THE CONTRACTOR WILL BE PAID FOR EACH BRIDGE.

MAPS OF THESE BRIDGES ARE IN APPENDIX B WHICH IS AVAILABLE TO THE CONTRACTOR IN A SEPARATE PACKAGE.

The Contractor shall maintain traffic in accordance with NCDOT “Roadway Standard Drawings” STD# 1101.02 sheet 1 of 15 through sheet 15 of 15. **There will be no direct payment for Traffic Control or Mobilization in this contract.**

The contractor shall be responsible for fulfilling all requirements of the NCDOT Standard Specifications for Roads and Structures dated July 2012, except as otherwise specified herein.

TERMS OF CONTRACT

The contractor shall submit a bid for a calendar year , although the actual work in any year will be limited to the five month period from April 29th, to September 30th. At the option of the Department, this contract may be extended for two additional calendar years. The unit bid prices may be increased by as much as three (3) percent for each extension. No changes in terms, conditions, etc. of this contract will be made when an extension to the contract is implemented. The Engineer will notify the contractor in writing if the contract may be extended. The contractor must notify the Engineer in writing within fifteen calendar days of his/her acceptance or rejection of this offer. Failure on the part of the contractor to reply will be considered as a rejection of the contract extension. **Due to restrictions set forth by G.S. 136-28.10 at no time shall the total expenditures exceed Five Hundred Thousand Dollars (\$500,000.00) per any calendar year project.**

CONTRACT TIME AND LIQUIDATED DAMAGES:

(7-1-95) (Rev. 12-18-07)

108

SP1 G10 A

The date of availability for this contract is **April 29th, 2013**

The completion date for this contract is **September 30th, 2013.**

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract.

The liquidated damages for this contract are **Two Hundred & Fifty Dollars (\$250.00)** per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:

The Contractor shall complete the required work of installing, maintaining and removing the traffic control devices for lane closures and restoring traffic to its normal pattern. The Contractor shall not close or narrow a lane of traffic during the following time restrictions:

DAY AND TIME RESTRICTIONS

**Monday thru Friday
6:00 a.m. to 9:00 a.m.
4:00 p.m. to 6:00 p.m.**

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of 4:00 p.m. December 31st and 9:00 a.m. January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until 9:00 a.m. the following Tuesday.
3. For **Easter**, between the hours of 4:00 p.m. Thursday and 9:00 a.m. Monday.
4. For **Memorial Day**, between the hours of 4:00 p.m. Friday and 9:00 a.m. Tuesday.
5. For **Independence Day**, between the hours of 4:00 p.m. the day before Independence Day and 9:00 a.m. the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of 4:00 p.m. the Thursday before Independence Day and 9:00 a.m. the Tuesday after Independence Day.

6. For **Labor Day**, between the hours of 4:00 p.m. Friday and 9:00 a.m. Tuesday.
7. For **Thanksgiving Day**, between the hours of 4:00 p.m. Tuesday and 9:00 a.m. Monday.
8. For **Christmas**, between the hours of 4:00 p.m. the Friday before the week of Christmas Day and 9:00 a.m. the following Tuesday after the week of Christmas Day.
9. Contractor may ask that these restrictions be modified for certain bridge locations, if it is the opinion of the **NCDOT Bridge Engineer** time restrictions may be adjusted.

Liquidated Damages for Intermediate Contract # 1 are Seven Hundred & Fifty Dollars (\$750.00) per hour or any portion thereof.

INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:

The Contractor shall complete the required work of installing, maintaining and removing the traffic control devices for lane closures and restoring traffic to its normal pattern. The Contractor shall not close or narrow a lane of traffic during the following time restrictions: All traffic control items are incidental to various other items in this contract; this includes but is not limited to lighting. **Bridges to be washed at night are identified in Appendix A, or as otherwise directed by the Engineer.**

DAY AND TIME RESTRICTIONS

**Monday thru Friday
6:00 a.m. to 8:00 p.m.**

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of 6:00 a.m. December 31st and 8:00 p.m. January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until 8:00 a.m. the following Tuesday.
3. For **Easter**, between the hours of 6:00 a.m. Thursday and 8:00 p.m. Monday.
4. For **Memorial Day**, between the hours of 6:00 a.m. Friday and 8:00 p.m. Tuesday.
5. For **Independence Day**, between the hours of 6:00 a.m. the day before Independence Day and 8:00 p.m. the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of 6:00 a.m. the Thursday before Independence Day and 8:00 p.m. the Tuesday after Independence Day.
6. For **Labor Day**, between the hours of 6:00 a.m. Friday and 8:00 p.m. Tuesday.
7. For **Thanksgiving Day**, between the hours of 6:00 a.m. Tuesday and 8:00 p.m. Monday.
8. For **Christmas**, between the hours of 6:00 a.m. the Friday before the week of Christmas Day and 8:00 p.m. the following Tuesday after the week of Christmas Day.
9. Contractor may ask that these restrictions be modified for certain bridge locations, if it is the opinion of the **NCDOT Bridge Engineer** time restrictions may be adjusted.

Liquidated Damages for Intermediate Contract # 2 are Seven Hundred & Fifty Dollars (\$750.00) per hour or any portion thereof.

NIGHT OPERATIONS

The Contractor will be required to conduct a portion of his operations during night hours. For the purposes of this contract, night hours are defined in ICT# 2 above.

Before the Contractor elects to perform any work during night hours, he shall submit, in writing, to the Engineer, a full and complete plan for traffic control and construction lighting which shall be approved prior to beginning construction and verification of any permits required from local town or county permits required for night work.

All traffic control devices shall meet the requirements for night use as set forth in the North Carolina Department of Transportation Standard Specifications for Roads and Structures, North Carolina Department of Transportation Roadway Standard Drawings, and the current Manual of Uniform Traffic Control Devices (MUTCD).

Before construction begins on this contract, NCDOT Bridge Maintenance Engineer will provide the Contractor with a list of Bridges that will require operations to be performed using a Night Operation.

Night work shall be performed during the time specified in ICT # 2 above.

NOTE: There is no Direct Payment for traffic control for night or day time operations in this contract.

PROSECUTION OF WORK

(7-1-95) (Rev. 8-21-12)

108

SP1 G15R

The Contractor will be required to prosecute the work in a continuous and uninterrupted manner from the time he begins the work until completion and final acceptance of the project. The Contractor will not be permitted to suspend his operations except for reasons beyond his control or except where the Engineer has authorized a suspension of the Contractor's operations in writing.

In the event that the Contractor's operations are suspended in violation of the above provisions, the sum of **\$250.00** will be charged the Contractor for each and every calendar day that such suspension takes place. The said amount is hereby agreed upon as liquidated damages due to extra engineering and maintenance costs and due to increased public hazard resulting from a suspension of the work. Liquidated damages chargeable due to suspension of the work will be additional to any liquidated damages that may become chargeable due to failure to complete the work on time.

UTILITY CONFLICTS

It shall be the responsibility of the Contractor to contact all affected utility owners and determine the precise locations of all utilities prior to beginning construction. Utility owners shall be contacted a minimum of 48 hours prior to the commencement of operations. Special care shall be used in working around or near existing utilities, protecting them when necessary to provide uninterrupted service. In the event that any utility service is interrupted, the Contractor shall notify the utility owner immediately and shall cooperate with the owner, or his representative, in the restoration of service in the shortest time possible. Existing fire hydrants shall be kept accessible to fire departments at all times.

The Contractor shall adhere to all applicable regulations and follow accepted safety procedures when working in the vicinity of utilities in order to insure the safety of construction personnel and the public. Utilities damaged by the Contractor due to his negligence will be repaired at the Contractor's expense.

TRAFFIC CONTROL:

(01-17-12) (Rev. 4-16-13)(Div.Rev.3-13-13)

RWZ-1

Maintain traffic in accordance with Divisions 10, 11 and 12 of the *2012 Standard Specifications* and the following provisions:

Install Work Zone Advance Warning Signs in accordance with Standard Drawing No. 1101.01 of the *2012 Roadway Standard Drawings* prior to beginning any other work. Use a lane closure or slow moving operation to complete the work, as necessary, unless otherwise indicated (refer to Standard Drawing No. 1101.02, 1101.11, 1110.01, 1110.02 and 1130.01 of the *2012 Roadway Standard Drawings*). Use a moving operation only if the minimum speed maintained at all times is 3 mph with no stops that narrow or close a lane of travel. If the moving operation is progressing slower than 3 mph at any time, install a lane closure. Maintain the existing traffic pattern at all times, except in the immediate work zone where lane closures are allowed as determined by the Engineer.

Refer to attached details and Standard Drawing No. 1101.01, 1101.02, 1101.03, 1101.04, 1101.05, 1101.11, 1110.01, 1110.02, 1115.01, 1130.01, 1135.01, 1145.01, 1150.01, 1165.01, 1170.01 and 1180.01 of the *2012 Roadway Standard Drawings* when closing a lane of travel in a stationary work zone such as pavement patching resurfacing, or pavement marking removal. Properly ballasted cones may be used instead of drums for lane closures during daylight hours. However, drums are required for the upstream taper portion of lane closures in all applications. The stationary work zone shall be a maximum of 3 miles in length at any given time unless otherwise directed by the Engineer. A pilot vehicle operation may be used in conjunction with flaggers and the appropriate pilot vehicle warning signing as directed by the Engineer. During periods of construction inactivity, return the traffic pattern to the existing alignment and remove or cover any work zone signs. When covering work zone signs, use an opaque material that prevents reading of the sign at night by a driver using high beam headlights. Use material, which does not damage the sign sheeting. Replace any obliterated markings as required by other sections of the *2012 Standard Specifications* and the Engineer.

When personnel and/or equipment are working on the shoulder adjacent to an undivided facility and within 5 feet of an open travel lane, close the nearest open travel lane using Standard Drawing No. 1101.02 of the *2012 Roadway Standard Drawings* unless the work area is protected by barrier or guardrail. When personnel and/or equipment are working on the shoulder, adjacent to a divided facility and within 10 feet of an open travel lane, close the nearest open travel lane using Standard Drawing No. 1101.02 of the *2012 Roadway Standard Drawings* unless the work area is protected by barrier or guardrail. When personnel and/or equipment are working within a lane of travel of an undivided or divided facility, close the lane according to the traffic control plans, *2012 Roadway Standard Drawings* or as directed by the Engineer. Conduct the work so that all personnel and/or equipment remain within the closed travel lane. Do not work simultaneously, on both sides of an open travel way, within the same location, on a two-lane, two-way road. Do not perform work involving heavy equipment within 15 feet of the edge of travel way when work is being performed behind a lane closure on the opposite side of the travel way. Perform work only when weather and visibility conditions allow safe operations as directed by the Engineer.

Do not exceed a difference of 2 inches in elevation between open lanes of traffic for nominal lifts of 1.5 inches. Install advance warning UNEVEN LANES signs (W8-11 at 48" X 48") 500 feet in advance and a minimum of once every half mile throughout the uneven area.

Backfill at a 6:1 slope up to the edge and elevation of existing pavement in areas adjacent to an open travel lane that has an edge of pavement drop-off as follows:

(A) Drop-off that exceeds 2 inches on roadways with posted speed limits of 45 mph or greater.

(B) Drop-off that exceeds 3 inches on roadways with posted speed limit less than 45 mph.

Backfill the unacceptable drop-off with suitable compacted material, as approved by the Engineer, at no expense to the Department. This work is not considered part of shoulder reconstruction.

When utilizing a slow-moving operation for such items as pavement marking placement, pavement marker installation and pesticide spraying, the slow moving operation caravan shall consist, as a minimum, of the vehicles and devices shown on the Moving Operation Caravan Details as shown on Standard Drawing No. 1101.02, sheets 11, 12 and 13 of the *2012 Roadway Standard Drawings*. Traffic cones may be used when necessary to provide additional protection of wet pavement markings. Ballast all traffic cones so they will not be blown over by traffic.

Failure to comply with the following requirements will result in a suspension of all other operations:

1. Before working on ANY MAP, the Contractor shall submit a written construction sequence for traffic control and construction lighting for ALL MAPS to the Engineer at the first pre-construction meeting and the sequence must be approved before closing a lane of traffic. The Contractor and Engineer will coordinate with the Traffic Management Unit at 919-773-2800 or Traffic Services for additional traffic control guidance, as necessary.
2. Coordinate the installation of items required by the contract documents and resurfacing operations such that these operations are completed in the order as agreed upon with the Engineer at the first pre-construction meeting. Refer to the Provisions, Typicals and Details unless otherwise directed by the Engineer.
3. Once the Contractor has started work at a location, the Contractor should prosecute the work in a continuous and uninterrupted manner from the time he begins the work until completion and final acceptance unless determined otherwise by the Engineer.
4. Obtain written approval of the Engineer before working in more than one location or setting up additional lane closures.
5. Mainline pavement shall not be left milled, unmarked or uneven at the end of a paving season.
6. Contractor shall mill and pave lanes in an order such that water shall not accumulate.

Notify the Engineer 48 hours before milling or resurfacing will interfere with the existing Signal Loops. Loops may need to be placed in milled surface before resurfacing occurs. Coordinate all signal loop operations with the Engineer.

Notify the Engineer 15 consecutive calendar days before resurfacing a bridge or its approaches. Patch and make repairs to the existing asphalt wearing surface on the bridge surface and its approaches before resurfacing occurs. Coordinate all operations on the bridge and its approaches with the Engineer.

Notify the Engineer 48 hours before resurfacing the areas of existing pavement that require patching. Patch these areas before resurfacing occurs. Allow full depth asphalt patching to cool to the point of supporting traffic without displacement or rutting before reopening closed lane. Coordinate the resurfacing operations of the patched areas with the Engineer.

During a resurfacing only operation, bring all newly resurfaced lanes to the same elevation within 72 hours for nominal lifts of 1.5 inches or less of asphalt course and by the end of each work day for nominal lifts of greater than 1.5 inches of asphalt course.

For partial or wheel track milling operations on two-way, two-lane facilities, mill and pave back by the end of each work day. For partial or wheel track milling operations on multi-lane facilities, the lane being milled may be left closed and paved back within 72 hours.

The following options are available during Resurfacing and milling operations on two-way, two-lane facilities when the entire roadway or entire lane is to be milled:

- (A) Mill a single lane and pave back by the end of each work day.
- (B) Mill the entire width of roadway and pave back within 72 hours.

The following options are available during Resurfacing and milling operations on multi-lane facilities when all lanes or a single lane in one direction are to be milled:

- (A) Mill a single lane and pave back by the end of each work day.
- (B) Mill the entire width of pavement for all lanes to be milled in any direction daily and pave back within 72 hours.

When resurfacing facilities with ramps, resurface the ramp and gore area of the ramp as agreed upon with the Engineer. Place the transverse joint on the ramp at the terminal point of the gore unless the ramp is being resurfaced beyond this limit.

Slope the pavement at the beginning and ending of the daily milling operation as directed by the Engineer. Sweep and remove all milled material from the roadway as soon as the daily milling operation is completed. Continue milling operations until the particular section of roadway being milled is complete. Remove any existing pavement adjacent to the milled area that has been damaged and replace with patch material as directed by the Engineer.

Maintain vehicular access in accordance with Article 1101-14 of the *2012 Standard Specifications* using suitable backfill material approved by the Engineer.

Operate equipment and conduct operations in the same direction as the flow of traffic. Do not cross medians with equipment, except at properly designated interchanges.

Review and record the existing pavement markings and markers prior to resurfacing. Use the record of existing pavement markings and markers in accordance with the *2012 Roadway Standard Drawings* to re-establish the proposed pavement markings and markers unless otherwise directed by the Engineer.

Provide appropriate lighting in accordance with Section 1413 of the *2012 Standard Specifications*.

Remove existing pavement markers in preparation for paving. Repair any pavement damage due to existing pavement marker removal prior to the end of the work day. Dispose of existing pavement markers as directed by the Engineer. No direct payment will be made for this work, as it will be incidental to the paving operation.

Payment will be made for the traffic control items that have been included in the contract. No direct payment will be made for providing other traffic control as required herein, as the cost of same will be considered incidental to the work being paid for under those various traffic control items that have been included. Where the Contractor maintains traffic as required herein but no specific pay items have been included in the contract, all associated costs will be considered incidental to the work being paid for under the various items in the contract.

WORK ZONE SIGNING:

(01-17-12)

RWZ-3

Description

Install and maintain signing in accordance with Divisions 11 and 12 of the *2012 Standard Specifications*, the *2012 Roadway Standard Drawings* and the following provisions:

Furnish, install, maintain and remove advance warning work zone signs and any required lane closure signing.

All work zone signs may be portable.

Construction Methods

(A) General

Install all warning work zone signs before beginning work on a particular map. If signs are installed three days prior to the beginning of work on a particular map, cover the signs until the work begins. Install each work zone warning sign separately and not on the same post or stand with any other sign except where an advisory speed plate or directional arrow is used.

(B) Advance Warning Work Zone Signs

Install advance warning work zone signs in accordance with Standard Drawing No. 1101.01, 1101.02 and 1110.01 of the *2012 Roadway Standard Drawings* prior to beginning of work and remove upon final completion of the project. If there is a period of construction inactivity longer than two weeks, remove or cover advance warning work zone signs. Uncover advance warning work zone signs no more than 3 days before work resumes. All other operations could be suspended upon failure to comply with the above requirements. Such suspended operations would not be resumed until the above requirements are fulfilled.

(C) Lane Closure Work Zone Signs

Install any required lane closure signing needed during the life of the project in accordance with the Standard Drawing No. 1101.02, 1101.11 and 1110.02 of the *2012 Roadway Standard Drawings*.

Measurement and Payment

Payment will be made for the work zone signing items that have been included in the contract. No direct payment will be made for providing other work zone signing as required herein, as the cost of same will be considered incidental to the work being paid for under those various work zone signing items that have been included. Where the Contractor provides work zone signing as required herein but no specific pay items have been included in the contract, all associated costs will be considered incidental to the work being paid for under the various items in the contract.

TRAFFIC CONTROL

The Contractor shall maintain traffic in accordance with Division 11 of the 2012 Standard Specifications for Roads and Structures. The Contractor shall furnish, install, maintain, relocate and remove any signs, barricades, drums, cones, flashing arrow boards, truck mounted impact attenuators, etc. in order to comply with the 2012 Specifications.

When closing a lane on a 2-lane, 2-way roadway the Contractor shall install temporary lane closures in accordance with Standard 1101.02 sheet 1 and 2 of 15 of the Highway Design Branch Roadway Standard Drawings. When closing a lane on a multi-lane roadway the Contractor shall install temporary lane closures in accordance with Standard 1101.02 sheets 3, 4, 5, 6, and 7 of 15 of the Highway Design Branch Roadway Standard Drawings.

Payment will be made for the traffic control items that have been included in the contract. Where the Contractor maintains traffic as required herein but no specific pay items have been included in the contract, all associated costs will be considered incidental to the work being paid for under the various items in the contract.

Traffic Control shall be considered incidental to the Pressure Washing Existing Bridges item in this Contract and not paid for as a specific line item.
(There will be **NO PAY** for Traffic Control items in this contract)

POSTED WEIGHT LIMITS

The Contractor's attention is directed to the fact that some Primary and Secondary Roads and bridges may be posted with weight limits less than the legal limit and the Contractor will not be allowed to exceed the posted weight limits in transporting materials and/or equipment to the projects, unless otherwise indicated below. The Contractor should make a thorough examination of all proposed haul routes and be prepared to discuss them at the Preconstruction Conference.

DRIVEWAYS AND PRIVATE PROPERTY

The Contractor shall maintain access to driveways for all residents and property owners throughout the life of the project.

The Contractor shall not perform work for private citizens or agencies in conjunction with this project or within the project limits of this contract. Any driveway paved by a Contractor which ties into a

NCDOT system road being paved by the Contractor must be paved either prior to the road paving project or after its completion.

SITE INVESTIGATION AND REPRESENTATION

The contractor acknowledges that he has satisfied himself as to the nature of the work, and general and local conditions; particularly those bearing on transportation, availability of labor, and State Regulations for safety required for the prosecution of the work and all matters which can in any way affect the work or cost thereof under this contract. Any failure by the Contractor to acquaint himself with all the available information concerning these conditions will not relieve him from the responsibility for estimating properly the difficulty or cost of successfully performing the work.

MOBILIZATION

Mobilization shall be considered incidental in this contract and the cost of which should be calculated for the amount paid to clean each bridge location.

PRESSURE WASHING STEEL COMPONENTS

Description

This work consists of furnishing all equipment and personnel required to apply high pressure water (1,200 – 2,000 psi) from a controlled nozzle on all accessible surface areas of a steel beam from within 6 ft. of the beam ends at either end of the beam, and all bearing assembly connections at the beam with a pier or abutment. Perform this work in accordance with this Special Provision and the applicable parts of the Standard Specifications.

Materials

Use materials that meet the requirements for the respective items in the Standard Specifications with the following exceptions:

- A. Use Tap or Public Utility Water Supply that has not been diluted with post cleaning additives.
- B. Use heavy woven fabric tarp or thick mil plastic sheeting to collect all paint flakes that

are removed through pressure washing of the steel member areas. The tarp or sheeting must be folded at the end of the work at that site (each day). The tarp or sheeting collected must be transported to an approved NCDOT maintenance facility. NCDOT will be responsible for containing the lead contaminate and arranging permanent storage.

Equipment

Prior to beginning any work, obtain approval for all equipment to be used for pressure washing and traffic control.

Crash attenuator truck will be required for all work within or adjacent to a travel lane(s).

A water tank mounted to the bed of a truck or hauling trailer with at least a 4 h.p. motor pump, and two independent spraying wands. The nozzle of each wand should be able to dispense at least 1,200 psi of water, at the same time.

A vertical man lift devise capable of extending at least 20 ft. with sufficient accommodations to support a total lifting weight of 350 lbs. minimum. Rails must be provided on the lift to remove the necessity for fall protection, or else the proper gear must be in use and approved by the Engineer before any contract work begins.

Contractor must furnish employees with all necessary personnel protective equipment for the scope of work outlined, including eye and face shields, construction hard hat that meets or exceeds ANSI Z-89.1-2003, Type 1 Class E & G hard hat safety standards, and ANSI 207-2006 orange standard approved day/nighttime visibility public safety vest.

Finishing

The surface area of the beam ends and connection assemblies (as defined in the scope of work) should be free of calcium chloride film deposit (or agents with similar properties) paint flaking, grease, grime, trash, timber drift, or other debris that would be able to be removed with only direct pressure from a 1,200 psi or greater water supply.

Limitations of Operations

All lane and shoulder closures must be established and maintained according to the North Carolina Department of Transportation Roadway Standards Drawings, current edition, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD).

If working at night, provide approved lighting.

No lanes of traffic shall be allow to be closed if continual rainfall/sleet/snow is present at the site or has a better than 60% changes of occurring within a 12 hour period. This is intended to avoid the potential safety hazard to motorists and workmen, resulting in braking in wet weather conditions.

Method of Measurement

The quantity of pressure washing accomplished shall be measured for payment by the actual number of bridges cleaned as described in the scope of work.

Basis of Payment

The pay item "Pressure Washing Steel" will be paid for at the contract unit price bid per each bridge, providing all steel beam ends (out 6ft.) are washed, including bearing connections, which price will be full compensation for furnishing all labor, materials, tools, equipment and incidentals required to complete the work in accordance with this Special Provision and applicable parts of the Standard Specifications.

Non-Exclusive Contract

The North Carolina Department of Transportation may as it deems in the best interest of the state and NCDOT, may execute more than one contract, based on this proposal. The contractor(s) understands

and agrees by signature Purchase Order Contract Bid Form, that this agreement does not constitute an exclusive contract.

STANDARD SPECIAL PROVISION
AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS

(5-20-08)

Z-2

General Statute 143C-6-11. (h) Highway Appropriation is hereby incorporated verbatim in this contract as follows:

(h) Amounts Encumbered. – Transportation project appropriations may be encumbered in the amount of allotments made to the Department of Transportation by the Director for the estimated payments for transportation project contract work to be performed in the appropriation fiscal year. The allotments shall be multiyear allotments and shall be based on estimated revenues and shall be subject to the maximum contract authority contained in *General Statute 143C-6-11(c)*. Payment for transportation project work performed pursuant to contract in any fiscal year other than the current fiscal year is subject to appropriations by the General Assembly. Transportation project contracts shall contain a schedule of estimated completion progress, and any acceleration of this progress shall be subject to the approval of the Department of Transportation provided funds are available. The State reserves the right to terminate or suspend any transportation project contract, and any transportation project contract shall be so terminated or suspended if funds will not be available for payment of the work to be performed during that fiscal year pursuant to the contract. In the event of termination of any contract, the contractor shall be given a written notice of termination at least 60 days before completion of scheduled work for which funds are available. In the event of termination, the contractor shall be paid for the work already performed in accordance with the contract specifications.

Payment will be made on any contract terminated pursuant to the special provision in accordance with Subarticle 108-13(E) of the *2012 Standard Specifications*.

ERRATA

(1-17-12) (Rev. 9-18-12)

Z-4

Revise the *2012 Standard Specifications* as follows:

Division 2

Page 2-7, line 31, Article 215-2 Construction Methods, replace “Article 107-26” with “Article 107-25”.

Page 2-17, Article 226-3, Measurement and Payment, line 2, delete “pipe culverts,”.

Page 2-20, Subarticle 230-4(B), Contractor Furnished Sources, change references as follows:
Line 1, replace “(4) Buffer Zone” with “(c) Buffer Zone”; **Line 12**, replace “(5) Evaluation for Potential Wetlands and Endangered Species” with “(d) Evaluation for Potential Wetlands and Endangered Species”; and **Line 33**, replace “(6) Approval” with “(4) Approval”.

Division 4

Page 4-77, line 27, Subarticle 452-3(C) Concrete Coping, replace “sheet pile” with “reinforcement”.

Division 6

Page 6-7, line 31, Article 609-3 Field Verification of Mixture and Job Mix Formula Adjustments, replace “30” with “45”.

Page 6-10, line 42, Subarticle 609-6(C)(2), replace “Subarticle 609-6(E)” with “Subarticle 609-6(D)”.

Page 6-11, Table 609-1 Control Limits, replace “Max. Spec. Limit” for the Target Source of $P_{0.075}/P_{be}$ Ratio with “1.0”.

Page 6-40, Article 650-2 Materials, replace “Subarticle 1012-1(F)” with “Subarticle 1012-1(E)”

Division 10

Page 10-74, Table 1056-1 Geotextile Requirements, replace “50%” for the UV Stability (Retained Strength) of Type 5 geotextiles with “70%”.

Division 12

Page 12-7, Table 1205-3, add “FOR THERMOPLASTIC” to the end of the title.

Page 12-8, Subarticle 1205-5(B), line 13, replace “Table 1205-2” with “Table 1205-4”.

Page 12-8, Table 1205-4 and 1205-5, replace “THERMOPLASTIC” in the title of these tables with “POLYUREA”.

Page 12-9, Subarticle 1205-6(B), line 21, replace “Table 1205-4” with “Table 1205-6”.

Page 12-11, Subarticle 1205-8(C), line 25, replace “Table 1205-5” with “Table 1205-7”.

Division 15

Page 15-6, Subarticle 1510-3(B), after line 21, replace the allowable leakage formula with the following: $W = LD\sqrt{P} \div 148,000$

Page 15-6, Subarticle 1510-3(B), line 32, delete “may be performed concurrently or” and replace with “shall be performed”.

Page 15-17, Subarticle 1540-3(E), line 27, delete “Type 1”.

Division 17

Page 17-26, line 42, Subarticle 1731-3(D) Termination and Splicing within Interconnect Center, delete this subarticle.

Revise the *2012 Roadway Standard Drawings* as follows:

1633.01 Sheet 1 of 1, English Standard Drawing for Matting Installation, replace “1633.01” with “1631.01”.

MINIMUM WAGES

(7-21-09)

Z-5

FEDERAL: The Fair Labor Standards Act provides that with certain exceptions every employer shall pay wages at the rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

STATE: The North Carolina Minimum Wage Act provides that every employer shall pay to each of his employees, wages at a rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all skilled labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all intermediate labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all unskilled labor on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

This determination of the intent of the application of this act to the contract on this project is the responsibility of the Contractor.

The Contractor shall have no claim against the Department of Transportation for any changes in the minimum wage laws, Federal or State. It is the responsibility of the Contractor to keep fully informed of all Federal and State Laws affecting his contract.

ON-THE-JOB TRAINING

(10-16-07) (Rev. 7-21-09)

Z-10

Description

The North Carolina Department of Transportation will administer a custom version of the Federal On-the-Job Training (OJT) Program, commonly referred to as the Alternate OJT Program. All contractors (existing and newcomers) will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level. Instead, these requirements will be applicable on an annual basis for each contractor administered by the OJT Program Manager.

On the Job Training shall meet the requirements of 23 CFR 230.107 (b), 23 USC – Section 140, this provision and the On-the-Job Training Program Manual.

The Alternate OJT Program will allow a contractor to train employees on Federal, State and privately funded projects located in North Carolina. However, priority shall be given to training employees on NCDOT Federal-Aid funded projects.

Minorities and Women

Developing, training and upgrading of minorities and women toward journeyman level status is a primary objective of this special training provision. Accordingly, the Contractor shall make every effort to enroll minority and women as trainees to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

Assigning Training Goals

The Department, through the OJT Program Manager, will assign training goals for a calendar year based on the contractors' past three years' activity and the contractors' anticipated upcoming year's activity with the Department. At the beginning of each year, all contractors eligible will be contacted by the Department to determine the number of trainees that will be assigned for the upcoming calendar year. At that time the Contractor shall enter into an agreement with the Department to provide a self-imposed on-the-job training program for the calendar year. This agreement will include a specific number of annual training goals agreed to by both parties. The number of training assignments may range from 1 to 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their annual goal for the year. A sample agreement is available at www.ncdot.org/business/ocs/ojt/.

Training Classifications

The Contractor shall provide on-the-job training aimed at developing full journeyman level workers in the construction craft/operator positions. Preference shall be given to providing training in the following skilled work classifications:

Equipment Operators	Office Engineers
Truck Drivers	Estimators
Carpenters	Iron / Reinforcing Steel Workers
Concrete Finishers	Mechanics
Pipe Layers	Welders

The Department has established common training classifications and their respective training requirements that may be used by the contractors. However, the classifications established are not all-inclusive. Where the training is oriented toward construction applications, training will be allowed in lower-level management positions such as office engineers and estimators. Contractors shall submit new classifications for specific job functions that their employees are performing. The Department will review and recommend for acceptance to FHWA the new classifications proposed by contractors, if applicable. New classifications shall meet the following requirements:

Proposed training classifications are reasonable and realistic based on the job skill classification needs, and

The number of training hours specified in the training classification is consistent with common practices and provides enough time for the trainee to obtain journeyman level status.

The Contractor may allow trainees to be trained by a subcontractor provided that the Contractor retains primary responsibility for meeting the training and this provision is made applicable to the subcontract. However, only the Contractor will receive credit towards the annual goal for the trainee.

Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman level status or in which they have been employed as a journeyman.

Records and Reports

The Contractor shall maintain enrollment, monthly and completion reports documenting company compliance under these contract documents. These documents and any other information as requested shall be submitted to the OJT Program Manager.

Upon completion and graduation of the program, the Contractor shall provide each trainee with a certification Certificate showing the type and length of training satisfactorily completed.

Trainee Interviews

All trainees enrolled in the program will receive an initial and Trainee/Post graduate interview conducted by the OJT program staff.

Trainee Wages

Contractors shall compensate trainees on a graduating pay scale based upon a percentage of the prevailing minimum journeyman wages (Davis-Bacon Act). Minimum pay shall be as follows:

60 percent	of the journeyman wage for the first half of the training period
75 percent	of the journeyman wage for the third quarter of the training period
90 percent	of the journeyman wage for the last quarter of the training period

In no instance shall a trainee be paid less than the local minimum wage. The Contractor shall adhere to the minimum hourly wage rate that will satisfy both the NC Department of Labor (NCDOL) and the Department.

Achieving or Failing to Meet Training Goals

The Contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and who receives training for at least 50 percent of the specific program requirement. Trainees will be allowed to be transferred between projects if required by the Contractor's scheduled workload to meet training goals.

If a contractor fails to attain their training assignments for the calendar year, they may be taken off the NCDOT's Bidders List.

Measurement and Payment

No compensation will be made for providing required training in accordance with these contract documents.

Contract No. _____
County _____

Rev. 4-19-11

**EXECUTION OF BID
NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION**

CORPORATION

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Full name of Corporation

Address as Prequalified

Attest _____
Secretary/Assistant Secretary
Select appropriate title

By _____
President/Vice President/Assistant Vice President
Select appropriate title

Print or type Signer's name

Print or type Signer's name

CORPORATE SEAL

AFFIDAVIT MUST BE NOTARIZED

Subscribed and sworn to before me this the
_____ day of _____ 20__.

Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

NOTARY SEAL

**EXECUTION OF BID
NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION**

PARTNERSHIP

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

_____ Full Name of Partnership

_____ Address as Prequalified

_____ By _____
Signature of Witness Signature of Partner

_____ Print or type Signer's name

_____ Print or type Signer's name

AFFIDAVIT MUST BE NOTARIZED

Subscribed and sworn to before me this the _____ day of _____ 20__.

NOTARY SEAL

_____ Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

**EXECUTION OF BID
NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION
LIMITED LIABILITY COMPANY**

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Full Name of Firm

Address as Prequalified

Signature of Witness

Signature of Member/Manager/Authorized Agent
Select appropriate title

Print or type Signer's name

Print or type Signer's Name

AFFIDAVIT MUST BE NOTARIZED

Subscribed and sworn to before me this the
____ day of _____ 20__.

NOTARY SEAL

Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

**EXECUTION OF BID
NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION**

JOINT VENTURE (2) or (3)

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Instructions: **2 Joint Venturers** Fill in lines (1), (2) and (3) and execute. **3 Joint Venturers** Fill in lines (1), (2), (3) and (4) and execute. On Line (1), fill in the name of the Joint Venture Company. On Line (2), fill in the name of one of the joint venturers and execute below in the appropriate manner. On Line (3), print or type the name of the other joint venturer and execute below in the appropriate manner. On Line (4), fill in the name of the third joint venturer, if applicable and execute below in the appropriate manner.

(1) _____
Name of Joint Venture

(2) _____
Name of Contractor

Address as Prequalified

_____ Signature of Witness or Attest	By	_____ Signature of Contractor
_____ Print or type Signer's name		_____ Print or type Signer's name

If Corporation, affix Corporate Seal and

(3) _____
Name of Contractor

Address as Prequalified

_____ Signature of Witness or Attest	By	_____ Signature of Contractor
_____ Print or type Signer's name		_____ Print or type Signer's name

If Corporation, affix Corporate Seal and

(4) _____
Name of Contractor (for 3 Joint Venture only)

Address as Prequalified

_____ Signature of Witness or Attest	By	_____ Signature of Contractor
_____ Print or type Signer's name		_____ Print or type Signer's name

If Corporation, affix Corporate Seal

NOTARY SEAL
Affidavit must be notarized for Line (2)
Subscribed and sworn to before me this
_____ day of _____ 20__

Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

NOTARY SEAL
Affidavit must be notarized for Line (3)
Subscribed and sworn to before me this
_____ day of _____ 20__

Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

NOTARY SEAL
Affidavit must be notarized for Line (4)
Subscribed and sworn to before me this
_____ day of _____ 20__

Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

**EXECUTION OF BID
NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION
INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME**

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Name of Contractor _____
Individual name

Trading and doing business as _____
Full name of Firm

Address as Prequalified

Signature of Witness

Signature of Contractor, Individually

Print or type Signer's name

Print or type Signer's name

AFFIDAVIT MUST BE NOTARIZED

Subscribed and sworn to before me this the _____ day of _____ 20__.

NOTARY SEAL

Signature of Notary Public
of _____ County
State of _____
My Commission Expires: _____

Contract No. _____
County _____

Rev. 4-19-11

EXECUTION OF BID
NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION
INDIVIDUAL DOING BUSINESS IN HIS OWN NAME

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the bidder has not been convicted of violating *N.C.G.S. § 133-24* within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

SIGNATURE OF CONTRACTOR

Name of Contractor _____
Print or type Individual name

Address as Prequalified

Signature of Contractor, Individually

Print or type Signer's Name

Signature of Witness

Print or type Signer's name

AFFIDAVIT MUST BE NOTARIZED

Subscribed and sworn to before me this the
_____ day of _____ 20__.

NOTARY SEAL

Signature of Notary Public

of _____ County

State of _____

My Commission Expires: _____

DEBARMENT CERTIFICATION

Conditions for certification:

1. The prequalified bidder shall provide immediate written notice to the Department if at any time the bidder learns that his certification was erroneous when he submitted his debarment certification or explanation filed with the Department, or has become erroneous because of changed circumstances.
2. The terms *covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded*, as used in this provision, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. A copy of the Federal Rules requiring this certification and detailing the definitions and coverages may be obtained from the Contract Officer of the Department.
3. The prequalified bidder agrees by submitting this form, that he will not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in NCDOT contracts, unless authorized by the Department.
4. For Federal Aid projects, the prequalified bidder further agrees that by submitting this form he will include the Federal-Aid Provision titled *Required Contract Provisions Federal-Aid Construction Contract (Form FHWA PR 1273)* provided by the Department, without subsequent modification, in all lower tier covered transactions.
5. The prequalified bidder may rely upon a certification of a participant in a lower tier covered transaction that he is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless he knows that the certification is erroneous. The bidder may decide the method and frequency by which he will determine the eligibility of his subcontractors.
6. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this provision. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
7. Except as authorized in paragraph 6 herein, the Department may terminate any contract if the bidder knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available by the Federal Government.

DEBARMENT CERTIFICATION

The prequalified bidder certifies to the best of his knowledge and belief, that he and his principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records; making false statements; or receiving stolen property;
- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph b. of this certification; and
- d. Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- e. Will submit a revised Debarment Certification immediately if his status changes and will show in his bid proposal an explanation for the change in status.

If the prequalified bidder cannot certify that he is not debarred, he shall provide an explanation with this submittal. An explanation will not necessarily result in denial of participation in a contract.

Failure to submit a non-collusion affidavit and debarment certification will result in the prequalified bidder's bid being considered non-responsive.

Check here if an explanation is attached to this certification

See Notes beneath each selected bridge roster from Appendix A for clarification on the allowance for Day or Night Time Work Restrictions

Appendix A

MECKLENBURG COUNTY OVERPASS BRIDGES

Bridges Over I-77 in Mecklenburg				
Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0364	Griffith St.	I-77	5 OF PPC GIRDERS (4 SPANS)	16 FT. 00 IN.
59-0019	Catawba Rd.	I-77	12 OF W27 (SPANS 1 & 3) 69" PLATE GIRDERS (SPAN 2)	15 FT. 11 IN.
59-0362	Westmore Lane	I-77	5 OF W27 (SPAN 1 & 3) 61" PLATE GIRDERS (SPAN 2)	16 FT. 02 IN.
59-0358	NC 73 (Sam Furr Rd)	I-77 NBL	11 OF W36X135 & W30X99 (3 SPANS)	17 FT. 01 IN.
59-0359	NC 73 (Sam Furr Rd)	I-77 SBL	11 OF W36X160 & W36X135 (3 SPANS)	17 FT. 06 IN.
59-0357	Stumpton Road	I-77	5 OF W24 (SPAN 1) & 51" PLATE GIRDERS (SPANS 2-4)	16 FT. 02 IN.
59-0356	Gilead Rd.	I-77	5 OF W27 (SPAN 1&5) & 51" PLATE GIRDERS (SPANS 2-4)	15 FT. 11 IN.
59-0355	Mount Holly Hunterville Road	I-77	6 OF 33" BEAMS (4 SPANS)	16 FT. 05 IN.
59-0353	Hambright Road	I-77	5 OF 30" BEAMS (4 SPANS)	16 FT. 03 IN.
59-0350	Alexanderana Road	I-77	5 OF 74.8" PLATES GIRDERS (4 SPANS)	16 FT. 08 IN.
59-0349	Reames Road/Vance Road	I-77	13 OF 37" PLATE GRIDERS (5 SPANS)	16 FT. 04 IN.
59-0334	Lakeview Over I-77	I-77	5 OF 24" PLATE GRIDERS (4 SPANS)	16 FT. 02 IN.
59-0323	US 21 (Sunset Rd.)	I-77	14 OF 24" BEAMS & 54" PG (4 SPANS)	16 FT. 07 IN.
59-0312	Cindy Lane	I-77	6 OF 30" BEAMS & 60" PG (4 SPANS)	15 FT. 11 IN.
59-0153	La Salle Street	I-77	10 OF 36" BEAMS (4 SPANS)	16 FT. 01 IN.
59-0286	Oaklawn Ave	I-77 & Irwin Creek	9 OF 36" BEAMS & 50" PLATE GIRDERS (2 SPANS OVER I-77 ONLY)	15 FT. 11 IN.
59-0338	NC 16	I-77 NBL	5 OF 36" BEAMS (3 SPANS)	21 FT. 07 IN.
59-0341	NC 16	I-77 SBL	6 OF 36" BEAMS (3 SPANS)	20 FT. 06 IN.
59-0342	NC 16	I-77 SB	12+ OF 36" BEAMS (4 SPANS)	20 FT. 07 IN.
59-0345	NC 16	I-77 Ramp, Irwin Ck, City St.	7 OF 36" BEAMS (2 SPANS OVER RAMP AND CITY STREET ONLY)	18 Ft. 11 In. I-77 Ramp
59-0245	W. Fifth Street	I-77	10 OF 33" BEAMS (4 SPANS)	16 FT. 03 IN.
59-0126	Clarkson Street	I-77	9 OF 36" BEAMS & 54" PG (5 SPANS)	18 FT. 02 IN.
59-0205	Remount Road	I-77	10 OF 33" BEAMS (4 SPANS)	16 FT. 03 IN.
59-0202	Clanton Road	I-77	10 OF 33" BEAMS (4 SPANS)	16 FT. 00 IN.
59-0193	Pressley Road	I-77	4 OF 36" BEAMS (4 SPANS)	15 FT. 08 IN.
59-0120	NC 49	I-77	12 OF W36 BEAMS (4 SPANS)	15 FT. 10 IN.
59-0085	Woodlawn Road	I-77	12 OF W36X135	16 Ft. 00 In. SBL
59-0150	Tyvola Road	I-77 & US-21	26 OF 35" PLATE GIRDERS (2 SPANS)	17 FT. 08 IN.
59-0136	Nations Ford Road	I-77 & US-21	8 OF 33" BEAMS (4 SPANS)	16 FT. 05 IN.

All Traffic Control on I-77 (see above) shall be done during Night Time Operations ONLY

MECKLENBURG COUNTY OVERPASS BRIDGES

Bridges Over John Belk

Bridge	Road Name	Intersected	Beams	Vert CI Over	Vert CI Under
59-0404	NC-27	I-277 & US 74 EB	11 OF 50" PG (5 SPANS)	18 FT. 07 IN.	15 FT. 10 IN.
59-0489	Independence Blvd/ South Blvd	I-277 & US-74	15 OF 48" PG (3 SPANS)		17 FT. 06 IN.
59-0515	Church Street	I-277	6 OF 58" PG (4 SPANS)		17 FT. 00 IN.
59-0516	Tryon Street	I-277	8 OF 36" BEAMS		20 FT. 00 IN.
59-0517	College Street	I-277	6 OF 36" PLATE GIRDERS		16 FT. 10 IN.

All Traffic Control on I-277 (see above) shall be done during Night Time Operations ONLY

Bridges Over Brookshire Blvd

Bridge	Road Name	Intersected	Beams	Vert CI Over	Vert CI Under
59-0317	Davidson St.	I-277	11 OF 30 BEAMS (4 SPANS)		15 FT. 04 IN.
59-0318	Brevard St.	I-277	7 OF 36" BEAMS (4 SPANS)		15 FT. 02 IN.
59-0335	Hamilton St.	I-277 & NC 16	5 Lines of Various Size(8 Spans)		16 FT. 05 IN.

All Traffic Control on I-277 (see above) shall be done during Night Time Operations ONLY

Bridges Over I-485

Bridge	Road Name	Intersected	Beams	Vert CI Under
59-0942	US 29	I-485	11 OF 66" PLATE GIRDERS (2 SPANS)	16 FT. 09 IN.
59-0714	Pavillion Blvd	I-485	7 OF 36" TO 67"PLATE GIRDERS (4 SPANS)	16 FT 11 IN.
59-0938	NC 49 NB	I-485	7 OF 36" TO 67"PLATE GIRDERS (4 SPANS)	16 FT. 11 IN.
59-0676	NC 49 SB	I-485	8 OF 51 PLATE GIRDERS (4 SPANS)	18 FT. 07 IN.
59-0841	Caldwell Road	I-485	5 OF 64" PLATE GIRDERS (2 SPANS)	17 FT 00 IN.
59-0840	Rocky River Rd.	I-485	6 OF 60" PLATE GIRDERS (2 SPANS)	16 FT. 10 IN.
59-0824	Plaza Rd. Ext.	I-485	6 OF 54" PLATE GIRDERS (2 SPANS)	17 FT. 06 IN.
59-0921	Harrisburg Rd.	I-485	8 OF 84" PLATE GIRDERS (2 SPANS)	17 FT. 04 IN.
59-0852	NC 24/27	I-485	9 OF 65" PLATE GRIDERS (2 SPANS)	24 FT. 02 IN.
59-0850	Truelight Church Rd.	I-485	4 OF 60" PLATE GIRDERS (2 SPANS)	16 FT. 08 IN.
59-0847	NC 51	I-485	9 OF 71" PLATE GIRDERS (2 SPANS)	16 FT. 09 IN.
59-0846	Bartlett Rd.	I-485	4 OF 78" PLATE GIRDERS (2 SPANS)	16 FT. 09 IN.
59-0845	NC 218	I-485	8 OF 55" PLATE GIRDERS (2 SPANS)	16 FT. 10 IN.
59-0925	Lawyers Rd.	I-485	8 OF 55" PLATE GIRDERS (2 SPANS)	16FT. 04 IN.
59-0814	Idlewild Road	I-485	8 OF 60" PLATE GIRDERS (2 SPANS)	17 FT. 01IN.
59-0988	Stallings Road	I-485	4 OF 59" PLATE GIRDERS (4 SPANS)	17 FT. 04 IN.
59-0746	US 74	I-485	14 OF 45" PLATE GIRDERS (3 SPANS)	17 FT. 01 IN.
59-0747	US-74 NB Ramp	I-485	6 OF 44" (PLATE GIRDERS 3 SPANS)	17 FT. 09 IN.
59-0681	Pleasant Plains	I-485	5 OF 56" PLATE GIRDERS (2 SPANS)	17 FT. 04 IN.
59-0715	Weddington Rd.	I-485	4 OF 54" PLATE GIRDERS (2 SPANS)	17 FT. 07 IN.
59-0740	McKee Road	I-485	4 OF W36" & 50" PLATE GIRDERS (4 SPANS)	17 FT. 08 IN.
59-0680	NC 16	I-485	12 OF 60" (PLATE GIRDERS 2 SPANS)	17 FT. 06 IN.
59-0682	Ballantyne Commons	I-485	4 OF 52" PLATE GIRDERS (4 SPANS)	20 FT. 04 IN.
59-0667	Rea Road	I-485	10 OF 51" PLATE GIRDERS (2 SPANS)	17 FT. 01 IN.

Bridges Over I-485

Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0644	Elm Lane	I-485	4 OF 49" PLATE GIRDERS (2 SPANS)	17 FT. 05 IN.
59-0677	Johnston Rd Ext	I-485	15 OF 51" PLATE GIRDERS (2 SPANS)	17 FT. 05 IN.
59-0651	Carmel Road	I-485	5 OF 54" PLATE GIRDERS (2 SPANS)	16 FT. 10 IN. Outer Loop
59-0653	Park Road	I-485	6 OF 42" PLATE GIRDERS (2 SPANS)	17 FT. 03 IN.
59-0559	South Blvd.	I-485	11 OF 33" TO 48" PLATE GIRDERS (4 SPANS)	16 FT. 09 IN. Inner
59-0602	Nation Ford Road	I-485	7 OF W30" & 52" PLATE GIRDERS (4 SPANS)	16 FT. 07 IN.
59-0806	NC 49	I-485	10 OF 62" PLATE GIRDERS (2 SPANS)	17 FT. 05 IN.
59-0809	Arrowood Rd.	I-485	7 OF 62" PLATE GIRDERS (2 SPANS)	17 FT. 02 IN.
59-0821	Sandy Porter Rd.	I-485	4 OF 55" PLATE GIRDERS (4 SPANS)	17 FT. 01 IN.
59-0822	NC 160	I-485	10 OF 56" PLATE GIRDERS (2 SPANS)	17 FT. 06 IN.
59-0823	Dixie River Rd.	I-485	4 OF 53" PLATE GIRDERS (2 SPANS)	17 FT. 10 IN.
59-0824	Garrison Rd.	I-485	6 OF 54" PLATE GIRDERS (2 SPANS)	17 FT. 06 IN.
59-0825	Dixie River Rd.	I-485	4 OF 63" PLATE GIRDERS (2 SPANS)	18 FT. 04 IN.
59-0826	Walkers Ferry Rd.	I-485	4 OF 63" PLATE GIRDERS (2 SPANS)	21 FT. 02 IN.
59-0944	Wildlife Rd.	I-485	5 OF 62" PLATE GIRDERS (2 SPANS)	17 FT. 03 IN.
59-0945	Moores Chapel Rd.	I-485	5 OF 44" PLATE GIRDERS (2 SPANS)	17 FT. 04 IN.
59-0948	Gum Branch Rd.	I-485	5 OF 57" PLATE GIRDERS (2 SPANS)	17 FT. 06 IN.
59-0959	Beatties Ford Rd.	I-485	5 OF 59" PLATE GIRDERS (2 SPANS)	17 FT. 06 IN.
59-0962	W. T. Harris Blvd.	I-485	10 OF 62" PLATES GIRDERS (2 SPANS)	17 FT. 06 IN.
59-1002	North Lake Century Pky	I-485	7 OF 62" PLATE GIRDERS (2 SPANS)	17 FT. 04 IN.

All Traffic Control on I-485 (see above) can be done during Day Time Operations EXCEPT those listed above between Bridge 59-0746 (at US 74) and Bridge 59-0806 (at NC 49) that will require Night Time Closures ONLY

Bridges Over I-85 in Mecklenburg

Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0028	Moores Chapel Rd.	I-85	4 OF 36" PPC GIRDERS (SPAN 1 & 4) & 54" PPC GIRDERS (SPAN 3 & 4)	16 FT. 05 IN.
59-0067	Sam Wilson Rd.	I-85	7 OF 36" PPC GIRDERS (SPAN 1 & 4) & 54" PPC GIRDERS (SPAN 3 & 4)	16 FT. 11 IN.
59-0137	Billy Graham Prkwy	I-85	13 OF 66" PLATE GIRDERS (2 SPANS)	17 FT. 09 IN.
59-0169	Tuckaseegee Rd.	I-85	8 OF W30 & 61" PLATE GIRDERS (2 SPANS)	19 FT. 09 IN.
59-0093	Freedom Drive	I-85	25 OF PLATE GIRDERS (2 SPANS)	16 FT. 05 IN.
59-0192	Glenwood Drive	I-85	9 OF W36 X 99 (SPANS 1 & 4) 9 OF W36X160 (SPANS 2 & 3)	17 FT. 07 IN.
59-0216	Rozzelles Ferry Rd.	I-85	5 OF PPC GIRDERS & W30 & 51" PLATE GIRDERS	17 FT. 00 IN.
59-0354	NC 16	I-85	21 OF W36 (2 SPANS)	17 FT. 04 IN.
59-0223	Beatties Ford Rd.	I-85	10 OF W30 & W36 (4 SPANS)	15 FT. 08 IN.
59-0167	Old Statesville Rd.	I-85	11 OF 49" PLATE GIRDERS (4 SPANS)	16 FT. 09 IN.
59-0249	Graham Street N	I-85	12 OF W36 & 46" PLATE GIRDERS (2 SPANS)	15 FT. 08 IN.
59-0285	Sugar Creek Rd. W	I-85	11 OF 44" & 70" HAUNCHED PLATE GIRDERS (2 SPANS)	16 FT. 06 IN.
59-0811	City Blvd	I-85	9 OF 67" PLATE GIRDERS (2 Spans)	18 FT. 02 IN.
59-0294	W. T. Harris Blvd.	I-85	17 OF 50" PLATE GIRDERS (2 SPANS) & W27,W30, & W36 (2 SPANS)	16 FT. 08 IN.
59-0304	Mallard Creek Rd. W	I-85	11 OF 53" PLATE GIRDERS (2 SPANS)	16 FT. 06 IN.
59-0311	Mallard Creek Rd.	I-85	4 OF W36 OF VARIOUS SIZES (4 SPANS)	16 FT. 00 IN.

All Traffic Control on I-85 in Mecklenburg (see above) shall be done during Night Time Operations ONLY

Bridges Over I-85 in Cabarrus County

Bridge	Road Name	Intersected	Beams	Vert Cl Under
12-0348	Burton Smith Blvd	I-85	11 LINES OF 60" PLATE GIRDERS (2 SPANS)	15FT-10 IN.
12-0051	Poplar Tent Rd.	I-85	5 OF W33" & W36" (4 SPANS)	17FT-03 IN.
12-0084	George Liles Parkway	I-85	5 OF W36" (4 SPANS)	16FT-09 IN.
12-0063	NC 73	I-85	8 OF W36" & 52" PLATE GIRDERS (4 SPANS)	16FT-09 IN.
12-0107	Winecoff Sh. Rd.	I-85	5 OF W36" (4 SPANS)	17FT-02 IN.
12-0039	US 29 A	I-85	10 OF W30" & W36" (6 SPANS)	16FT-05 IN.
12-0122	Ridge St.	I-85	5 OF W30" & W33" (6 SPANS)	17FT-01 IN.
12-0089	US 29 SB	I-85	6 OF W33" (6 SPANS)	16FT-11 IN.
12-0087	US 29 NB	I-85	6 OF W33" (6 SPANS)	17FT-09 IN.
12-0040	NC 3	I-85	5 OF W30" & W36" (4 SPANS)	16FT-06 IN.
12-0133	Dale Earnhardt Blvd	I-85	10 OF 36" & 54" PPC GIRDERS (4 SPANS)	16FT-06 IN.
12-0139	Centergrove Rd.	I-85	5 OF W33" (4 SPANS)	16FT-08 IN.
12-0144	Brantley Rd.	I-85	5 OF W36" (4 SPANS)	16FT-06 IN.
12-0147	Lane St.	I-85	6 OF W30" & W36" (4 SPANS)	15FT-10 IN.

All Traffic Control on I-85 in Cabarrus (see above) shall be done during Night Time Operations ONLY

MECKLENBURG COUNTY / UNION COUNTY / ANSON COUNTY OVERPASS BRIDGES

Bridges Over US 74 in Mecklenburg

Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0459	US 521 NB	US 74	5 OF W36X99 (SPAN 1 & 3) & 60" PLATE GIRDERS (SPAN 2)	18 FT. 00 IN.
59-0460	US 521 SB	US 74	5 OF W36X99 (SPAN 1 & 3) & 58" PLATE GIRDERS (SPAN 2)	16 FT. 09 IN.
59-0122	Freedom Drive	US 74	10 OF 50" PLATE GIRDERS (3 SPANS)	15 FT. 11 IN.
59-0173	NC 27	US 74	4 OF 48" PLATE GIRDERS (3 SPANS)	17 FT. 08 IN.
59-0163	NC 27	US 74	8 OF 36" & 48" PLATE GIRDERS (4 SPANS)	16 FT. 08 IN.
59-0619	Briar Creek Rd.	US 74	8 OF BEAMS AND PLATE GIRDERS (6 SPANS)	16 FT. 03 IN.
59-0808	Hawthorne Dr.	US 74	7 OF 58" PLATE GIRDERS (2 SPANS)	17 FT. 07 IN.
59-0182	Eastway Drive	US 74	14 OF 88" PLATE GIRDERS (4 SPANS)	17 FT. 03 IN.
59-0668	NC 51 NB	US 74	6 OF 45" PPC GIRDERS (4 SPANS)	16 FT. 06 IN.
59-0669	NC 51 SB	US 74	5 OF 45" PPC GIRDERS (4 SPANS)	18 FT. 03 IN.
59-0748	US 74	US 74 Ramp	12 OF 82" PLATE GIRDERS (1 SPAN)	18 FT. 02 IN.

All Traffic Control on US 74 (see above) can be done during Day Time Operations

Bridges Over Pierson Drive in Mecklenburg

Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0981	US 74 WB	Pierson Drive	14 OF 54" PPC GIRDERS (1 SPAN)	20 FT. 1 IN.
59-0982	US 74 EB	Pierson Drive	15 OF 54" PPC GIRDERS (1 SPAN)	15 FT. 3 IN.

All Traffic Control on Pierson Dr. (see above) can be done during Day Time Operations

Bridges Over US 74 in Union County

Bridge	Road Name	Intersected	Beams	Vert Cl Under
89-0034	Concord Ave.	US 74	4 OF W30" & W36" (4 Spans)	15 FT.09 IN.
89-0038	US 601	US 74	5 LN RCDG, 4 LN I- BM, 9 OF W36" (4 Spans)	14 FT. 09 IN.

All Traffic Control on US 74 (see above) shall be done during Night Time Operations ONLY

Bridges Over US 74 in Anson County

Bridge	Road Name	Intersected	Beams	Vert Cl Under
03-0072	Grover Bennett Rd.	US 74	5 OF 30" BEAMS & 70" PLATE GIRDERS (3 SPANS)	19 FT. 02 IN.
03-0028	Mineral Springs Church Road	US 74	5 OF 36" BEAMS & 45" PPC GIRDERS (4 Spans)	15 FT. 00 IN.

All Traffic Control on US 74 (see above) can be done during Day Time Operations

Bridges Over NC 49 in Mecklenburg

Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0511	E W T Harris Blvd	NC-49	6 OF W33X118, 6 OF W27X84, 6 OF W33X141 (4 Spans)	16 Ft. 03 In.
59-0512	E W T Harris Blvd	NC-49	6 OF W33X118, 6 OF W27X84, 6 OF W33X141 (4 Spans)	18 Ft. 04 In.

All Traffic Control on NC 49 (see above) can be done during Day Time Operations

MECKLENBURG COUNTY OVERPASS BRIDGES

Bridges Overpasses in Mecklenburg

Bridge	Road Name	Intersected	Beams	Vert Cl Under
59-0024	Josh Birmingham Pkwy	US-521	4 OF 50" PLATE GIRDERS (2 SPANS)	18 FT. 07 IN.
59-0037	Josh Birmingham Pkwy	US 521	5 OF 60" PLATE GIRDERS (2 SPANS)	19 FT. 00 IN.
59-0464	Harlee Ave.	Josh Birmingham	6 OF 50" PLATE GIRDERS (2 SPANS)	16 FT. 08 IN.
59-0176	US 21	Mt. Holly-Huntersville Rd.	4 OF W36X150 (3 SPANS)	14 FT. 02 IN.
59-0463	Old Dowd Road	SR-1490	6 OF W27" & 55" PLATE GIRDERS (4 SPANS)	16 FT. 08 IN.
59-0451	US 74 WB	5 th Street	4 OF 33" BEAMS (3 SPANS)	22 FT. 08 IN.
59-0342	NC 16 SB	Andrill St. & Creek	VARIOUS BEAM # AND SIZES (1 SPAN OVER ANDRILL ST. ONLY)	20 FT. 07 IN.
59-0348	Beatties Ford Rd.	NC 16 & RR	8 OF 36" BEAMS (2 SPANS OVER NC 16 ONLY)	16 FT. 07 IN.
59-0539	Old Concord Rd.	NC 24	6 OF 36" & 54" PPC GIRDERS (4 SPANS)	16 FT. 08 IN.
59-0983	US 74	NC 24/27	4 OF 108" PLATE GIRDERS (1 SPAN)	16 FT. 09 IN.

All Traffic Control for the routes shown above can be done during Day Time Operations

CABARRUS COUNTY OVERPASS BRIDGES

Cabarrus County Bridges

Bridge	Route	Road Name	ADT	Intersection	Beams	V Clearance
12-0092	US 601		24,000	NC 49	9 OF W36" & 40" Plate Girder (3 Spans)	17' 1"
12-0127	NC 73		9,500	NC 49	4 OF RC Deck Girders (3 Spans)	14' 2"
12-0014	US 29 NB		N/A	Landfill Rd. & Rocky River	3 OF 30" BEAMS & 4 RC GIRDERS (2 SPANS OVER LANDFILL RD. ONLY)	13' 7"

Cabarrus County Bridges

Bridge	Route	Road Name	ADT	Intersection	Beams	V Clearance
12-0019	US 29 SB		N/A	Landfill Rd. & Rocky River	4 OF 18" DECK GIRDERS (2 SPANS OVER RD. ONLY)	13' 7"
12-0023	NC 3		19,000	Burrage Road	6 OF W33" & W36" (3 Spans)	16' 5"
12-0109	1706	East First Street	2,300	US 29	5 OF W33" (4 Spans)	14' 6"
12-0303		Ridge Ave.	6,500	SR 2000	6 OF W24" (4 Spans)	15' 8"

All Traffic Control for the routes shown above can be done during Day Time Operations

STANLY COUNTY OVERPASS BRIDGES

Stanly County Bridges

Bridge	Road Name	Intersection	Beams	V Clearance
83-0049	NC 24/27	US 52	12 OF W36" & 45" Plate Girders (3 Spans)	17' 00"
83-0031	US 52 Bus	Abandoned RR	5 OF 30" BEAMS (3 SPANS)	Not over 24'

All Traffic Control for the routes shown above can be done during Day Time Operations

ANSON COUNTY OVERPASS BRIDGES

Anson Bridges

BRIDGE	ROAD NAME	INTERSECTED	BEAMS	V CLEARNCE
03-0046	Gatewood Station Road	SCL RR Abandoned	4 lines 30" I'S at 7' 0" Centers	ABANDONED R/R BRIDGE
03-0005	US 52	Depot St. & Southern Ave.	5 lns I- bms @ 6' 3, Sp1 & 7 W30x108, (7 Spans)	15' 0"
03-0010	NC 145	9 CL RR	14 1/2 RC Slab (5 Spans)	ABANDONED RAIL
03-0064	US 74	Abandoned RR	11 lines of W36" I-Beams @ Various Centers (4 Spans)	ABANDONED

All Traffic Control for the routes shown above can be done during Day Time Operations

**SUBSTITUTE FORM W-9
VENDOR REGISTRATION FORM
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION**

Pursuant to Internal Revenue Service (IRS) Regulations, vendors must furnish their Taxpayer Identification Number (TIN) to the State. If this number is not provided, you may be subject to a 20% withholding on each payment. To avoid this 20% withholding and to insure that accurate tax information is reported to the Internal Revenue Service and the State, please use this form to provide the requested information exactly as it appears on file with the IRS.

**INDIVIDUAL AND SOLE PROPRIETOR: ENTER NAME AS SHOWN ON SOCIAL SECURITY CARD
CORPORATION OR PARTNERSHIP : ENTER YOUR LEGAL BUSINESS NAME**

NAME: _____

MAILING ADDRESS: STREET/PO BOX: _____

CITY, STATE, ZIP: _____

DBA / TRADE NAME (IF APPLICABLE): _____

BUSINESS DESIGNATION:

<input type="checkbox"/> INDIVIDUAL (use Social Security No.)	<input type="checkbox"/> SOLE PROPRIETER (use SS No. or Fed ID No.)
<input type="checkbox"/> CORPORATION (use Federal ID No.)	<input type="checkbox"/> PARTNERSHIP (use Federal ID No.)
<input type="checkbox"/> ESTATE/TRUST (use Federal ID no.)	<input type="checkbox"/> STATE OR LOCAL GOVT. (use Federal ID no.)
<input type="checkbox"/> OTHER / SPECIFY _____	

SOCIAL SECURITY NO. _____ - _____ - _____ (Social Security #)

OR

FED.EMPLOYER IDENTIFICATION NO. _____ - _____ - _____ (Employer Identification #)

COMPLETE THIS SECTION IF PAYMENTS ARE MADE TO AN ADDRESS OTHER THAN THE ONE LISTED ABOVE:

REMIT TO ADDRESS: STREET / PO BOX: _____
CITY, STATE, ZIP: _____

Participation in this section is voluntary. You are not required to complete this section to become a registered vendor. The information below will in no way affect the vendor registration process and its sole purpose is to collect statistical data on those vendors doing business with NCDOT. If you choose to participate, circle the answer that best fits your firm's group definition.

What is your firm's ethnicity? (Prefer Not To Answer, African American, Native American, Caucasian American, Asian American, Hispanic American, Asian-Indian American, Other: _____)

What is your firm's gender? (Prefer Not to Answer, Male, Female) **Disabled-Owned Business?** (Prefer Not to Answer, Yes, No)

IRS Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the IRS that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. person (including a U.S. resident alien).
The IRS does not require your consent to any provision of this document other than the certifications required to avoid backup withholding. For complete certification instructions please see IRS FORM W-9 at <http://www.irs.gov/pub/irs-pdf/fw9.pdf> .

NAME (Print or Type)

TITLE (Print or Type)

SIGNATURE

DATE

PHONE NUMBER

North Carolina Department of Transportation
PURCHASE ORDER CONTRACT BID FORM
WBS Element: 10B.106011, etc.
Pressure Washing Bridges
Mecklenburg, Cabarrus, Union, Stanly, and Anson Counties

ITEM	SECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT BID
1	SP	PRESSURE WASHING EXISTING BRIDGES	153	EA		

TOTAL BID FOR PROJECT: _____

CONTRACTOR _____

ADDRESS _____

Federal Identification Number _____

Contractors License Number _____

Authorized Agent _____

Title _____

Signature _____

Date _____

Witness _____

Title _____

Signature _____ Date _____

