# STATE OF NORTH CAROLINA **DEPARTMENT OF TRANSPORTATION**



### **DIVISION 12**

# **CONTRACT PROPOSAL**

### SMALL BUSINESS ENTERPRISE

DATE AND TIME OF BID OPENING: DIVISION ENGINEER'S OFFICE AT 1710 EAST MARION STREET AT 10:00 A.M. ON TUESDAY MARCH 25, 2014

WBS ELEMENT NO.:12SP.20024.4, 12SP.20184.4, 12SP.20234.4, 12SP.20364.4,

12SP.20494.4, 12SP.20554.4

COUNTY: ALEXANDER, CATAWBA, CLEVELAND, GASTON, IREDELL AND

LINCOLN COUNTIES

**ROUTE NO.: VARIOUS** 

**LOCATION: DIVISION 12** 

TYPE OF WORK: TRAFFIC CONTROL

NAME OF BIDDER

ADDRESS OF BIDDER

### **RETURN BIDS TO:**

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS, DIVISION 12 ATTN: R.D. Chandler, PE P. O. Box 47

Shelby, NC 28151-0047

### PROPOSAL FOR THE CONSTRUCTION OF

# CONTRACT No. 12SP.20024.4, 12SP.20184.4, 12SP.20234.4, 12SP.20364.4, 12SP.20494.4, 12SP.20554.4 IN ALEXANDER, CATAWBA, CLEVELAND, GASTON, IREDELL AND LINCOLN COUNTIES, NORTH CAROLINA

Date	20
DEPARTMENT OF TRANSPOR	RTATION,
RALEIGH, NORTH CARO	LINA

The Bidder has carefully examined the location of the proposed work to be known as WBS. 12SP.20024.4, 12SP.20184.4, 12SP.20184.4, 12SP.20364.4, 12SP.20494.4, 12SP.20554.4; has carefully examined the plans and specifications, which are acknowledged to be part of the proposal, the special provisions, the proposal, the form of contract, and the forms of contract payment bond and contract performance bond; and thoroughly understands the stipulations, requirements and provisions. The undersigned bidder agrees to bound upon his execution of the bid and subsequent award to him by the Department of Transportation in accordance with this proposal to provide the necessary contract payment bond and contract performance bond within fourteen days after the written notice of award is received by him. The undersigned Bidder further agrees to provide all necessary machinery, tools, labor, and other means of construction; and to do all the work and to furnish all materials, except as otherwise noted, necessary to perform and complete the said contract in accordance with the 2012 Standard Specifications for Roads and Structures by the dates(s) specified in the Project Special Provisions and in accordance with the requirements of the Engineer, and at the unit or lump sum prices, as the case may be, for the various items given on the sheets contained herein.

The Bidder shall provide and furnish all the materials, machinery, implements, appliances and tools, and perform the work and required labor to construct and complete State Highway WBS. 12SP.20024.4, 12SP.20184.4, 12SP.20234.4, 12SP.20494.4, 12SP.20554.4 in Alexander, Catawba, Cleveland, Gaston, Iredell and Lincoln Counties, for the unit or lump sum prices, as the case may be, bid by the Bidder in his bid and according to the proposal, plans, and specifications prepared by said Department, which proposal, plans, and specifications show the details covering this project, and hereby become a part of this contract.

The published volume entitled *North Carolina Department of Transportation, Raleigh, Standard Specifications for Roads and Structures, January 2012* with all amendments and supplements thereto, is by reference incorporated into and made a part of this contract; that, except as herein modified, all the construction and work included in this contract is to be done in accordance with the specifications contained in said volume, and amendments and supplements thereto, under the direction of the Engineer.

If the proposal is accepted and the award is made, the contract is valid only when signed either by the Contract Officer or such other person as may be designated by the Secretary to sign for the Department of Transportation. The conditions and provisions herein cannot be changed except over the signature of the said Contract Officer or Division Engineer.

The quantities shown in the itemized proposal for the project are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the quantity of any item or portion of the work as may be deemed necessary or expedient.

An increase or decrease in the quantity of an item will not be regarded as sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided for the contract.

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**THIS CONTRACT ID** 12SP.20024.4, 12SP.20184.4, 12SP.20234.4, 12SP.20364.4, 12SP.20494.4, 12SP.20554.4 FOR TRAFFIC CONTROL IN ALEXANDER, CATAWBA, CLEVELAND, GASTON, IREDELL AND LINCOLN COUNTIES.

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SIGNATURE SHEET (BID ACCEPTANCE BY DEPARTMENT)

### **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, except that bids may be prepared by electronic means as described elsewhere in the proposal. Failure to comply with any requirement shall cause the bid to be considered irregular and shall 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 and signature of individual or representative submitting bid and position or title.
  - c. Name, signature, and position or title of witness.
  - d. Federal Identification Number (or Social Security Number of Individual)
  - e. Contractor's License Number (if Applicable)
- **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. 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 12 OFFICE LOCATED AT 1710 EAST MARION STREET, SHELBY, NC 28150 BY 10:00 AM ON TUESDAY, MARCH 25, 2014
- 12. The sealed bid must display the following statement on the front of the sealed envelope:

QUOTATION FOR WBS ELEMENT 12SP.20024.4, 12SP.20184.4, 12SP.20234.4, 12SP.20364.4, 12SP.20494.4, 12SP.20554.4

DESCRIPTION TRAFFIC CONTROL IN ALEXANDER, CATAWBA, CLEVELAND, GASTON, IREDELL AND LINCOLN COUNTIES

TO BE OPENED AT 10:00 A.M., ON TUESDAYMARCH 25, 2014.

13. If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS, DIVISION 12 ATTN: R.D. CHANDLER, PE P. O. BOX 47 SHELBY, NC 28151-0047

### **PROJECT SPECIAL PROVISIONS**

### **GENERAL**

This contract is a Small Business Contract to provide Traffic Control Services along various routes in Division 12. (Alexander, Catawba, Cleveland, Gaston, Iredell & Lincoln County). Services shall be provided for the **Bituminous Department**.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the North Carolina Department of Transportation Standard Specifications for Roads and Structures 2012, the North Carolina Department of Transportation Roadway Standards Drawings 2012, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD). The Contractor shall keep himself fully informed of all Federal, State and local laws, ordinances, and regulations, and shall comply with the provisions of Section 107 of the Standard Specifications.

### SMALL BUSINESS ENTERPRISE PROGRAM

Bids are being solicited for this project under the provisions of the NCDOT's Small Business Enterprise Program.

Your firm does not have to be formally identified as a minority, woman or disabled business to qualify for this Program, but you must have had an annual gross income of \$1.5 million or less (exclusive of materials) for the previous calendar year.

Under the provisions of this Program, a NC General Contractor's License is not required nor are Contract Payment and Contract Performance Bonds required. No bonds are required on projects up to \$500,000 as permitted by G.S. 136-28.10

To register as a Small Business Enterprise please contact Contract Service's at website <a href="https://apps.dot.state.nc.us/vendor/directory/">https://apps.dot.state.nc.us/vendor/directory/</a>, or at the Offices of Contract Services at 919-733-7174, Or toll free: 1-877-650-0130.

### **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 7, 2014**.

The completion date for this contract is **April 7, 2015**.

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 acceptable completion of the observation periods that

extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **Three Hundred Fifty Dollars** (\$ 350.00) per calendar day.

### **NO SPECIALTY ITEMS:**

(7-1-95) 108-6 SPI G34

None of the items included in this contract will be specialty items (see Article 108-6 of the 2012 Standard Specifications).

### **LOCATING EXISTING UNDERGROUND UTILITIES:**

(3-20-12) 105 SPI G115

Revise the 2012 Standard Specifications as follows:

### Page 1-43, Article 105-8, line 28, after the first sentence, add the following:

Identify excavation locations by means of pre-marking with white paint, flags, or stakes or provide a specific written description of the location in the locate request.

### **RESOURCE CONSERVATION:**

(5-21-13) 104-13 SPI G118

In accordance with North Carolina Executive Order 156, NCGS 130A-309.14(2), and NCGS 136-28.8, it is the policy of the Department to aid in the reduction of materials that become a part of our solid waste stream, to divert materials from landfills, and to find ways to recycle and reuse materials for the benefit of the Citizens of North Carolina.

Initiate, develop and use products and construction methods that incorporate the use of recycled or solid waste products in accordance with Article 104-13 of the 2012 Standard Specifications. Report the quantities of reused or recycled materials either incorporated in the project or diverted from landfills on the Project Construction Reuse and Recycling Reporting Form.

A location-based tool for finding local recycling facilities and the Project Construction Reuse and Recycling Reporting Form are available at:

http://connect.ncdot.gov/resources/Environmental/Pages/North-Carolina-Recycling-Locations.aspx

(4-16-13) 106 SPI G120

Revise the 2012 Standard Specifications as follows:

Page 1-49, Subarticle 106-1(B) Domestic Steel, lines 2-7, replace the first paragraph with the following:

All steel and iron products that are permanently incorporated into this project shall be produced in the United States except minimal amounts of foreign steel and iron products may be used provided the combined material cost of the items involved does not exceed 0.1% of the total amount bid for the entire project or \$2,500, whichever is greater. If invoices showing the cost of the material are not provided, the amount of the bid item involving the foreign material will be used for calculations. This minimal amount of foreign produced steel and iron products permitted for use is not applicable to high strength fasteners. Domestically produced high strength fasteners are required.

### **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.

### **GIFTS FROM VENDORS AND CONTRACTORS:**

(12-15-09) 107-1 SPI G152

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

- (A) Have a contract with a governmental agency; or
- (B) Have performed under such a contract within the past year; or
- (C) 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 *N.C.G.S.* § 133-32.

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

**EMPLOYMENT:** 

(11-15-11) (Rev. 1-17-12) 108, 102 SPI 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) SPI G185

Revise the 2012 Standard Specifications as follows:

Replace all references to "State Highway Administrator" with "Chief Engineer".

### **WORKERS' COMPENSATION INSURANCE**

The contractor shall defend, indemnify and hold harmless the North Carolina Department of Transportation, its officers and employees from any claim, demand, suit, liability, judgment and expense (including attorney's fees and other costs of litigation) arising out of or relating to injury, disease, or death of persons or damage to or loss of property resulting from or in connection with the negligent performance of this contract by the contractor, its agents, employees, and subcontractors or any one for whom the contractor may be responsible. The obligations, indemnities and liabilities assumed by the contractor under this paragraph shall not extend to any liability caused by the negligence of the Department of Transportation or its employees. The contractor's liability shall not be limited by any provisions or limits of insurance set forth in this contract.

The contractor shall indemnify and hold harmless the Department of Transportation from any claim, demand, suit, liability, judgment, and expense involving damage or loss to the contractor's equipment (including vandalism, theft, fire and acts of God) arising out of or relating to work performed under this agreement. The obligations, indemnities and liabilities assumed by the

contractor under this paragraph shall not extend to any liability caused by the negligence of the Department of Transportation or its employees. The contractor's liability shall not be limited by any provisions or limits of insurance set forth in this contract.

The contractor further agrees to indemnify the Department of Transportation for any damages to the roadway, highway signs, highway equipment and other property owned or in possession of the Department of Transportation, brought about by reason of the negligent operation of the leased equipment. The contractor further agrees to indemnify and save harmless the Department of Transportation, its officers and employees from any claims or amounts recovered by any of the contractor's employees under the Worker's Compensation Act.

Pursuant to N.C.G.S. § 97-19, all contractors of the Department of Transportation are, prior to beginning services, required to show proof of coverage issued by a workers' compensation insurance carrier, or a certificate of compliance issued by the Department of Insurance for self-insured subcontractors stating that it has complied with N.C.G.S. § 97-93 irrespective of whether subcontractors have regularly in service fewer than three employees in the same business within the State of North Carolina, and subcontractors shall be hereinafter liable under the Workers' Compensation Act for payment of compensation and other benefits to its employees for any injury or death due to an accident arising out of and in the course of performance of the work insured by the subcontractor.

Proof of Insurance shall be furnished to the Engineer prior to beginning work.

### **PAYMENT**

Payment will be made at the contract unit price. Prices and payment will be full compensation for all work covered.

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

All work items necessary to complete the work other than listed on the "Bid Form" will be considered incidental in nature and no further compensation will be made. Any work performed in an unsatisfactory manner could be a basis for cancellation of the contract.

Invoices should be sent to:

North Carolina Department of Transportation James E. Tallent, Bituminous Supervisor PO Box 47 Shelby, NC 28151-0047

Attn: Freida Gold

Invoices may also be delivered to the Shelby Bituminous Office at 2312 Kings Road Ext., Shelby, NC. 28152. All invoices must show the contract number on the invoice and any other subsequent paperwork as required as part of this contract.

### CONSUMER PRICE INDEX (PRICE ADJUSTMENTS)

The compensation payable to the contractor shall be fixed for the first twelve months of this contract. However, upon an application by the contractor, sixty (60) days prior to the end of each contract period, the renewed contract may be increased to reflect the increase in the Consumer Price Index (CPI-U U.S. City Average, All items 1982-84=100 - CUUR0000SA0) <a href="http://data.bls.gov/cgi-bin/surveymost?r4">http://data.bls.gov/cgi-bin/surveymost?r4</a> for the previous twelve (12) month period as published by the US Bureau of Labor Statistics. If the amount of the requested increase is more than ten (10) percent, the Department of Transportation reserves the right to cancel this contract.

In the example below, the CPI will be determined from an October to October period.

2003 2004	J 181.7 185.2	F 183.1 186.2	M 184.2 187.4	A 183.8 188.0	M 183.5 189.1	J 183.7 189.7	J 183.9 189.4	A 184.6 189.5	S 185.2 189.9	O 185.0 190.9	N 184.5	D 184.3
	CPI for Less C Equa	PI for p	oreviou						190.9 185.0 5.90			
	Divided		ous peri	od CPI				185.0	021			
	Equals Result multiplied by 100							.031 .031 X 100				
		ls perc	•						3.10	100		

All line items in this contract would be increased by the calculated percentage if approved for renewal.

### **PROJECT SPECIAL PROVISIONS**

### **ROADWAY**

### TRAFFIC CONTROL SERVICES

The Contractor shall provide Traffic Control Services in accordance with these specifications and as directed by the Engineer. The Engineer will identify the location where the Contractor will provide Traffic Control. The Engineer or his duly authorized representative will monitor the Contractor's operations on a periodic basis to assure compliance with proper traffic control procedures.

The Contractor shall furnish a crew consisting of one supervisor and three flagmen, a truck and a trailer. The truck shall be equipped with approved flashing amber light bar not less than 20 inches long. The truck shall be suitable for transporting the contractor's personnel and towing the loaded trailer. The trailer shall be of sufficient size to transport the necessary signs, cones and other traffic control devices deemed by the Engineer to be necessary to provide the required traffic control operation.

The Contractor shall furnish all signs, cones, barrels, barricades and stop/slow paddles required for the traffic control operation. In addition, the Contractor will furnish four (4) two-way radios for the use in controlling traffic. The Contractor shall maintain the radios and have them available on the job at all times. All Contractors' personnel must wear an OSHA approved reflective vest or outer garment at all times while on the project.

The Contractor's traffic control crew shall report to the appropriate job site with truck and trailer at the time specified by the Engineer. The Contractor shall maintain the traffic control operation in a continuous and uninterrupted manner until instructed by the Departments representative to remove the traffic control devices. When instructed by the Departments representative, the Contractor shall remove the traffic control devices and load the devices on his trailer. If traffic control is required at another location on the project or at another job site the Contractor shall transport the traffic control devices and re-establish traffic control at the new location as directed by the Departments representative. At the end of the workday, the Contractor shall load the traffic control devices on his trailer. If the Department requires traffic control services on the next workday, the Contractor shall store his trailer in a secure location.

Department personnel shall provide direction as to the location, layout and the method of traffic control required. Temporary lane closures shall be in accordance with the North Carolina Department of Transportation Highway Design Branch Roadway Standard Drawing Number 1101.02.

Temporary shoulder closures shall be in accordance with the North Carolina Department of Transportation Highway Design Branch Roadway Standard Drawing Number 1101.04.

Flaggers stationed at each end of the work zone shall control traffic movements through

lane closures on roads with two-way traffic. In situations where sight distance is limited, the Contractor will provide two-way radios so the flagmen can communicate with each other. Flagmen shall be competent personnel, adequately trained in flagging procedures. Flagmen shall utilize proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles. The Contractor's supervisor shall provide relief for the primary flagmen periodically during the workday.

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation. The Contractor shall take any other needed actions 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.

Failure by the Contractor or its personnel to comply with any of the provisions of this contract or instructions given by the Engineer or his duly authorized representative with regard to the traffic control operation or the safety of job site personnel or the public shall result in suspension of work and may result in termination of the contract.

Compensation for providing traffic control will be made at the contract unit price, per hour, for "Traffic Control Services". Such payment will be full compensation for all work covered by this section including, but not limited to, furnishing a crew consisting of one supervisor and three flagmen, a suitable truck and a trailer, signs, cones, barrels, barricades and stop/slow paddles required for the traffic control operation to and from the job site, installing, maintaining, relocating and removing all traffic control devices as directed by the Engineer and conducting the traffic control operation in a manner that will be safe for both the traveling public, the contractor and department personnel on the job site. Time will be started when the traffic control crew arrives on the job site. Time will stopped when the traffic control crew leaves from the job site.

The Engineer or his duly authorized representative will maintain a time sheet. The Department's representative and the Contractor's supervisor shall review and agree on the recorded time on a daily basis. The hours worked shall be recorded to the nearest ¼ hour.

1000, 1005, 1024, 1050, 1056, 1074, 1078, 1080, 1081, 1086, 1084, 1087, 1092

SP10 R01

Revise the 2012 Standard Specifications as follows:

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

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

### Page 10-1, Article 1000-1, DESCRIPTION, line 14, add the following:

Use materials which do not produce a mottled appearance through rusting or other staining of the finished concrete surface.

Page 10-1, Article 1000-2, MATERIALS, line 16, add the following to the table of item references:

ItemSectionType IL Blended Cement1024-1

Page 10-5, Table 1000-1, REQUIREMENTS FOR CONCRETE, replace with the following:

			REQ	TA UIREME	BLE 1000 NTS FOR		CRETE					
	ė.	Maxin		er-Cement		Cons	sistency . Slump	<b>Cement Content</b>				
Class of	Min. Comp. Strength at 28 days	Air-Entrained Concrete Concrete  Rounded Angular Rounded Angular Rounded Angular Rounded Angular Rounded Round		Vibrated Non-		rated	Non- V	Non- Vibrated				
	∑ o E	Rounded Aggregate	Angular Aggre- gate	Rounded Aggregate	Angular Aggre- gate	Vil	Vii.	Min.	Max.	Min.	Max.	
Units	psi		- J		Ü	inch	inch	lb/cy	lb/cy	lb/cy	lb/cy	
AA	4,500	0.381	0.426	-	-	3.5	-	639	715	-	-	
AA Slip Form	4,500	0.381	0.426	-	-	1.5	-	639	715	-	-	
Drilled Pier	4,500	-	-	0.450	0.450	-	5-7 dry 7-9 wet	-	-	640	800	
A	3,000	0.488	0.532	0.550	0.594	3.5	4	564	-	602	-	
В	2,500	0.488	0.567	0.559	0.630	2.5	4	508	-	545	-	
B Slip Formed	2,500	0.488	0.567	-	-	1.5	-	508	-	-	-	
Sand Light- weight	4,500	-	0.420	-	-	4	-	715	-	-	-	
Latex Modified	3,000 7 day	0.400	0.400	-	-	6	-	658	-	-	-	
Flowable Fill excavatable	150 max. at 56 days	as needed	as needed	as needed	as needed	-	Flow- able	-	-	40	100	
Flowable Fill non-excavatable	125	as needed	as needed	as needed	as needed	-	Flow- able	-	-	100	as needed	
Pavement	4,500 design, field 650 flexural, design only	0.559	0.559	-	-	1.5 slip form 3.0 hand place	-	526	-	-	-	
Precast	See Table 1077-1	as needed	as needed	-	-	6	as needed	as needed	as needed	as needed	as needed	
Prestress	per contract	See Table 1078-1	See Table 1078-1	-	-	8	-	564	as needed	-	-	

Page 10-23, Table 1005-1, AGGREGATE GRADATION-COARSE AGGREGATE, replace with the following:

	Light- weight	ABC (M)	ABC	9	14M	78M	67	6M	57M	57	2	467M	4	Std. Size#		
<ul><li>A. Se</li><li>B. Se</li><li>C. Fo</li></ul>	1	ı	1	ı	ı	ı	ı	ı	ı	ı	ı	100	100	2"		
<ul> <li>A. See Subarticle 1005-4(A).</li> <li>B. See Subarticle 1005-4(B).</li> <li>C. For Lightweight Aggregate used in Structural Concrete, see Subarticle 1014-2(E)(6).</li> </ul>	ı	100	100	ı	ı	ı	ı	ı	100	100	100	95- 100	90-	1 1/2"		
icle 1005 icle 1005 reight Ag	1	75- 100	75- 97	1	ı	1	100	100	95- 100	95- 100	90-	1	20- 55	1"		AGG
5-4(A). 5-4(B). ggregate	1		ı	1	ı	100	90- 100	90-	ı	ı	20- 55	35- 70	0-15	3/4"	P	REG/
used in	100	45- 79	55- 80	1	ı	98- 100	ı	20- 55	25- 45	25- 60	0-10	1	ı	1/2"	ercen	ATE (
Structur	80-	1	ı	100	100	75- 100	20- 55	0-20	1	1	0-5	0-30	0-5	3/8"	Percentage of Total by Weight Passing	T
al Conc	5- 40	20- 40	35- 55	85- 100	35- 70	20- 45	0-10	0-8	0-10	0-10		0-5	ı	#4	f Tota	TABLE 1005-1 DATION - CO
rete, see	0-20	1	ı	10- 40	5-20	0-15	0-5	1	0-5	0-5			ı	#8	l by V	E 1005
Subartio	1	0- 25	25- 45	1	ı	ı	ı	ı	ı	ı	1	1	ı	#10	Veight	5-1 OARS
cle 1014	0-10		ı	0-10	0-8	ı	ı	ı	ı	ı	1	1	ı	#16	t Passi	SE AC
-2(E)(6)	1	1	14- 30	ı	ı	ı	ı	ı	ı	ı	,	,	ı	#40	ing	GRE
•	0-2.5	0- 12 <sup>B</sup>	4- 12 <sup>B</sup>	A	A	A	A	<b>&gt;</b>	A	>	A	A	A	#200		TABLE 1005-1 AGGREGATE GRADATION - COARSE AGGREGATE
	AST	Maintenance Stabilization	Aggregate Base Course, Aggregate Stabilization	AST	Asphalt Plant Mix, AST, Weep Hole Drains, Str. Concrete	Asphalt Plant Mix, AST, Str. Conc, Weep Hole Drains	AST, Str. Concrete, Asphalt Plant Mix	AST	AST, Concrete Pavement	AST, Str. Concrete, Shoulder Drain, Sediment Control Stone	AST, Sediment Control Stone	Asphalt Plant Mix	Asphalt Plant Mix	Remarks		<b>(</b> 3)

Page 10-46, Article 1024-1, PORTLAND CEMENT, line 33, add the following as the ninth paragraph:

Use Type IL blended cement that meets AASHTO M 240, except that the limestone content is limited to between 5 and 12% by weight and the constituents shall be interground. Class F fly ash can replace a portion of Type IL blended cement and shall be replaced as outlined in Subarticle 1000-4(I) for Portland cement. For mixes that contain cement with alkali content

between 0.6% and 1.0% and for mixes that contain a reactive aggregate documented by the Department, use a pozzolan in the amount shown in Table 1024-1.

Page 10-65, Article 1050-1, GENERAL, line 41, replace the first sentence with the following: All fencing material and accessories shall meet Section 106.

**Page 10-73, Article 1056-1 DESCRIPTION, lines 7-8**, delete the first sentence of the second paragraph and replace with the following:

Use geotextile fabrics that are on the NCDOT Approved Products List.

Page 10-73, Article 1056-2 HANDLING AND STORING, line 17, replace "mechanically stabilized earth (MSE) wall faces" with "temporary wall faces".

**Page 10-74, TABLE 1056-1 GEOTEXTILE REQUIREMENTS**, replace table with the following:

			BLE 1056-1 LE REQUIR	EMENTS		
D 4			irement (MA			
Property	Type 1	Type 2	Type 3 <sup>B</sup>	Type 4	Type 5 <sup>C</sup>	Test
Typical Application	Shoulder Drains	Under Rip Rap	Temporary Silt Fence	Soil Stabilization	Temporary Walls	Method
Elongation (MD & CD)	≥ 50%	≥ 50%	≤ 25%	< 50%	< 50%	ASTM D4632
Grab Strength (MD & CD)			100 lb		-	ASTM D4632
Tear Strength (MD & CD)	Table 1 <sup>D</sup> , Class 3	Table 1 <sup>D</sup> , Class 1	-	Table 1 <sup>D</sup> , Class 3	-	ASTM D4533
Puncture Strength			-		-	ASTM D6241
Ultimate Tensile Strength (MD & CD)	-	-	-	-	2,400 lb/ft (unless required otherwise in the contract)	ASTM D4595
Permittivity	Tabl	o oD			0.20 sec <sup>-1</sup>	ASTM D4491
Apparent Opening Size	15% t	e 2 <sup><b>D</b></sup> , o 50% u Soil	Table 7 <sup>D</sup>	Table 5 <sup>D</sup>	No. 30 <sup>E</sup>	ASTM D4751
UV Stability (Retained Strength)		No. 200 <sup>E</sup>			70%	ASTM D4355

- **A.** MARV does not apply to elongation
- **B.** Minimum roll width of 36" required
- C. Minimum roll width of 13 ft required
- D. AASHTO M 288
- E. US Sieve No. per AASHTO M 92

Page 10-115, Subarticle 1074-7(B), Gray Iron Castings, lines 10-11, replace with the first two sentences with the following:

Supply gray iron castings meeting all facets of AASHTO M 306 excluding proof load. Proof load testing will only be required for new casting designs during the design process, and conformance to M306 loading (40,000 lbs.) will be required only when noted on the design documents.

**Page 10-126, Table 1078-1, REQUIREMENTS FOR CONCRETE,** replace with the following:

TABLE 1 REQUIREMENTS F		
Property	28 Day Design Compressive Strength 6,000 psi or less	28 Day Design Compressive Strength greater than 6,000 psi
Maximum Water/Cementitious Material Ratio	0.45	0.40
Maximum Slump without HRWR	3.5"	3.5"
Maximum Slump with HRWR	8"	8"
Air Content (upon discharge into forms)	5 + 2%	5 + 2%

**Page 10-151, Article 1080-4 Inspection and Sampling, lines 18-22,** replace (B), (C) and (D) with the following:

- (B) At least 3 panels prepared as specified in 5.5.10 of AASHTO M 300, Bullet Hole Immersion Test.
- (C) At least 3 panels of 4"x6"x1/4" for the Elcometer Adhesion Pull Off Test, ASTM D4541.
- (D) A certified test report from an approved independent testing laboratory for the Salt Fog Resistance Test, Cyclic Weathering Resistance Test, and Bullet Hole Immersion Test as specified in AASHTO M 300.
- (E) A certified test report from an approved independent testing laboratory that the product has been tested for slip coefficient and meets AASHTO M253, Class B.

**Page 10-161, Subarticle 1081-1(A) Classifications, lines 29-33,** delete first 3 sentences of the description for Type 2 and replace with the following:

**Type 2 -** A low-modulus, general-purpose adhesive used in epoxy mortar repairs. It may be used to patch spalled, cracked or broken concrete where vibration, shock or expansion and contraction are expected.

**Page 10-162, Subarticle 1081-1(A) Classifications, lines 4-7,** delete the second and third sentences of the description for Type 3A. **Lines 16-22,** delete Types 6A, 6B and 6C.

Page 10-162, Subarticle 1081-1(B) Requirements, lines 26-30, replace the second paragraph with the following:

For epoxy resin systems used for embedding dowel bars, threaded rods, rebar, anchor bolts and other fixtures in hardened concrete, the manufacturer shall submit test results showing that the bonding system will obtain 125% of the specified required yield strength of the fixture. Furnish certification that, for the particular bolt grade, diameter and embedment depth required, the

anchor system will not fail by adhesive failure and that there is no movement of the anchor bolt. For certification and anchorage, use 3,000 psi as the minimum Portland cement concrete compressive strength used in this test. Use adhesives that meet Section 1081.

List the properties of the adhesive on the container and include density, minimum and maximum temperature application, setting time, shelf life, pot life, shear strength and compressive strength.

Page 10-163, Table 1081-1 Properties of Mixed Epoxy Resin Systems, replace table with the following:

	Properties	Table 1081-1 of Mixed Epoxy	Table 1081-1 Properties of Mixed Epoxy Resin Systems	Systems			
Property	Type 1	Type 2	Туре 3	Туре 3A	Туре 4A	Туре 4В	Type 5
Viscosity-Poises at 77°F ± 2°F	Gel	10-30	25-75	Gel	40-150	40-150	1-6
Spindle No.	ı	ω	4	1	4	4	2
Speed (RPM)	1	20	20	1	10	10	50
Pot Life (Minutes)	20-50	30-60	20-50	5-50	40-80	40-80	20-60
Minimum Tensile Strength at 7 days (psi)	1,500	2,000	4,000	4,000	1,500	1,500	4,000
Tensile Elongation at 7 days (%)	30 min.	30 min.	2-5	2-5	5-15	5-15	2-5
Min. Compressive Strength of 2". mortar cubes at 24 hours	3,000 (Neat)	4,000-	6,000-	6,000 (Neat)	3,000	3,000	6,000
Min. Compressive Strength of 2" mortar cubes at 7 days	5,000 (Neat)	ı	ı	ı	,	5,000	ı
Maximum Water Absorption (%)	1.5	1.0	1.0	1.5	1.0	1.0	1.0
Min. Bond Strength Slant Shear Test at 14 days (psi)	1,500	1,500	2,000	2,000	1,500	1,500	1,500

Page 10-164, Subarticle 1081-1(E) Prequalification, lines 31-33, replace the second sentence of the first paragraph with the following:

Manufacturers choosing to supply material for Department jobs must submit an application through the Value Management Unit with the following information for each type and brand name:

Page 10-164, Subarticle 1081-1(E)(3), line 37, replace this subarticle with the following:

(3) Type of the material in accordance with Articles 1081-1 and 1081-4,

**Page 10-165, Subarticle 1081-1(E)(6), line 1,** in the first sentence of the first paragraph replace "AASHTO M 237" with "the specifications".

Page 10-165, Subarticle 1081-1(E) Prequalification, line 9-10, delete the second sentence of the last paragraph.

**Page 10-165, Subarticle 1081-1(F) Acceptance, line 14,** in the first sentence of the first paragraph replace "Type 1" with "Type 3".

Page 10-169, Subarticle 1081-3(G) Anchor Bolt Adhesives, delete this subarticle.

Page 10-170, Article 1081-3 Hot Bitumen, line 9, add the following at the end of Section 1081:

### 1081-4 EPOXY RESIN ADHESIVE FOR BONDING TRAFFIC MARKINGS

### (A) General

This section covers epoxy resin adhesive for bonding traffic markers to pavement surfaces.

### (B) Classification

The types of epoxies and their uses are as shown below:

**Type I** – Rapid Setting, High Viscosity, Epoxy Adhesive. This type of adhesive provides rapid adherence to traffic markers to the surface of pavement.

**Type II** – Standard Setting, High Viscosity, Epoxy Adhesive. This type of adhesive is recommended for adherence of traffic markers to pavement surfaces when rapid set is not required.

**Type III** – Rapid Setting, Low Viscosity, Water Resistant, Epoxy Adhesive. This type of rapid setting adhesive, due to its low viscosity, is appropriate only for use with embedded traffic markers.

**Type IV** – Standard Set Epoxy for Blade Deflecting-Type Plowable Markers.

### (C) Requirements

Epoxies shall conform to the requirements set forth in AASHTO M 237.

### (D) Prequalification

Refer to Subarticle 1081-1(E).

### (E) Acceptance

Refer to Subarticle 1081-1(F).

Page 10-173, Article 1084-2 STEEL SHEET PILES, lines 37-38, replace first paragraph with the following:

Steel sheet piles detailed for permanent applications shall be hot rolled and meet ASTM A572 or ASTM A690 unless otherwise required by the plans. Steel sheet piles shall be coated as required by the plans. Galvanized sheet piles shall be coated in accordance with Section 1076. Metallized sheet piles shall be metallized in accordance to the Project Special Provision "Thermal Sprayed Coatings (Metallization)" with an 8 mil, 99.9% aluminum alloy coating and a 0.5 mil seal coating. Any portion of the metallized sheet piling encased in concrete shall receive a barrier coat. The barrier coat shall be an approved waterborne coating with a low-viscosity which readily absorbs into the pores of the aluminum thermal sprayed coating. The waterborne coating shall be applied at a spreading rate that results in a theoretical 1.5 mil dry film thickness. The manufacturer shall issue a letter of certification that the resin chemistry of the waterborne coating is compatible with the 99.9% aluminum thermal sprayed alloy and suitable for tidal water applications.

Page 10-174, Subarticle 1086-1(B)(1) Epoxy, lines 18-24, replace this subarticle with the following:

The epoxy shall meet Article 1081-4.

The 2 types of epoxy adhesive which may be used are Type I, Rapid Setting, and Type II, Standard Setting. Use Type II when the pavement temperature is above 60°F or per the manufacturer's recommendations whichever is more stringent. Use Type I when the pavement temperature is between 50°F and 60°F or per the manufacturer's recommendations whichever is more stringent. Epoxy adhesive Type I, Cold Set, may be used to attach temporary pavement markers to the pavement surface when the pavement temperature is between 32°F and 50°F or per the manufacturer's recommendations whichever is more stringent.

Page 10-175, Subarticle 1086-2(E) Epoxy Adhesives, line 27, replace "Section 1081" with "Article 1081-4".

Page 10-177, Subarticle 1086-3(E) Epoxy Adhesives, line 22, replace "Section 1081" with "Article 1081-4".

Page 10-179, Subarticle 1087-4(A) Composition, lines 39-41, replace the third paragraph with the following:

All intermixed and drop-on glass beads shall not contain more than 75 ppm arsenic or 200 ppm lead.

Page 10-180, Subarticle 1087-4(B) Physical Characteristics, line 8, replace the second paragraph with the following:

All intermixed and drop-on glass beads shall comply with NCGS § 136-30.2 and 23 USC § 109(r).

Page 10-181, Subarticle 1087-7(A) Intermixed and Drop-on Glass Beads, line 24, add the following after the first paragraph:

Use X-ray Fluorescence for the normal sampling procedure for intermixed and drop-on beads, without crushing, to check for any levels of arsenic and lead. If any arsenic or lead is detected, the sample shall be crushed and repeat the test using X-ray Fluorescence. If the X-ray Fluorescence test shows more than a LOD of 5 ppm, test the beads using United States Environmental Protection Agency Method 6010B, 6010C or 3052 for no more than 75 ppm arsenic or 200 ppm lead.

Page 10-204, Subarticle 1092-2(A) Performance and Test Requirements, replace Table 1092-3 Minimum Coefficient of Retroreflection for NC Grade A with the following:

MINIMU		IENT ( ndelas	OF RE		REFL		ON FOR NC GR eter)	RADE A
Observation Angle, degrees	Entrance Angle, degrees	White	Yellow	Green	Red	Blue	Fluorescent Yellow Green	Fluorescent Yellow
0.2	-4.0	525	395	52	95	30	420	315
0.2	30.0	215	162	22	43	10	170	130
0.5	-4.0	310	230	31	56	18	245	185
0.5	30.0	135	100	14	27	6	110	81
1.0	-4.0	120	60	8	16	3.6	64	48
1.0	30.0	45	34	4.5	9	2	36	27

### **STANDARD SPECIAL PROVISION**

### <u>AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS</u>

(5-20-08)

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

Z-2

(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. 1-21-14) 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 3**

Page 3-1, after line 15, Article 300-2 Materials, replace "1032-9(F)" with "1032-6(F)".

### **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 8**

Page 8-23, line 10, Article 838-2 Materials, replace "Portland Cement Concrete, Class B" with "Portland Cement Concrete, Class A".

### **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 15-4, Subarticle 1505-3(F) Backfilling, line 26,** replace "Subarticle 235-4(C)" with "Subarticle 235-3(C)".

**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".

### PLANT AND PEST QUARANTINES

### (Imported Fire Ant, Gypsy Moth, Witchweed, And Other Noxious Weeds)

(3-18-03) (Rev. 10-15-13)

Z-04a

### Within Quarantined Area

This project may be within a county regulated for plant and/or pests. If the project or any part of the Contractor's operations is located within a quarantined area, thoroughly clean all equipment prior to moving out of the quarantined area. Comply with federal/state regulations by obtaining a certificate or limited permit for any regulated article moving from the quarantined area.

### **Originating in a Quarantined County**

Obtain a certificate or limited permit issued by the N.C. Department of Agriculture/United States Department of Agriculture. Have the certificate or limited permit accompany the article when it arrives at the project site.

### Contact

Contact the N.C. Department of Agriculture/United States Department of Agriculture at 1-800-206-9333, 919-733-6932, or <a href="http://www.ncagr.gov/plantind/">http://www.ncagr.gov/plantind/</a> to determine those specific project sites located in the quarantined area or for any regulated article used on this project originating in a quarantined county.

### **Regulated Articles Include**

- 1. Soil, sand, gravel, compost, peat, humus, muck, and decomposed manure, separately or with other articles. This includes movement of articles listed above that may be associated with cut/waste, ditch pulling, and shoulder cutting.
- 2. Plants with roots including grass sod.
- 3. Plant crowns and roots.
- 4. Bulbs, corms, rhizomes, and tubers of ornamental plants.
- 5. Hay, straw, fodder, and plant litter of any kind.
- 6. Clearing and grubbing debris.
- 7. Used agricultural cultivating and harvesting equipment.
- 8. Used earth-moving equipment.
- 9. Any other products, articles, or means of conveyance, of any character, if determined by an inspector to present a hazard of spreading imported fire ant, gypsy moth, witchweed or other noxious weeds.

### **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. 5-21-13) 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.ncbowd.com/section/on-the-job-training.

### **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.

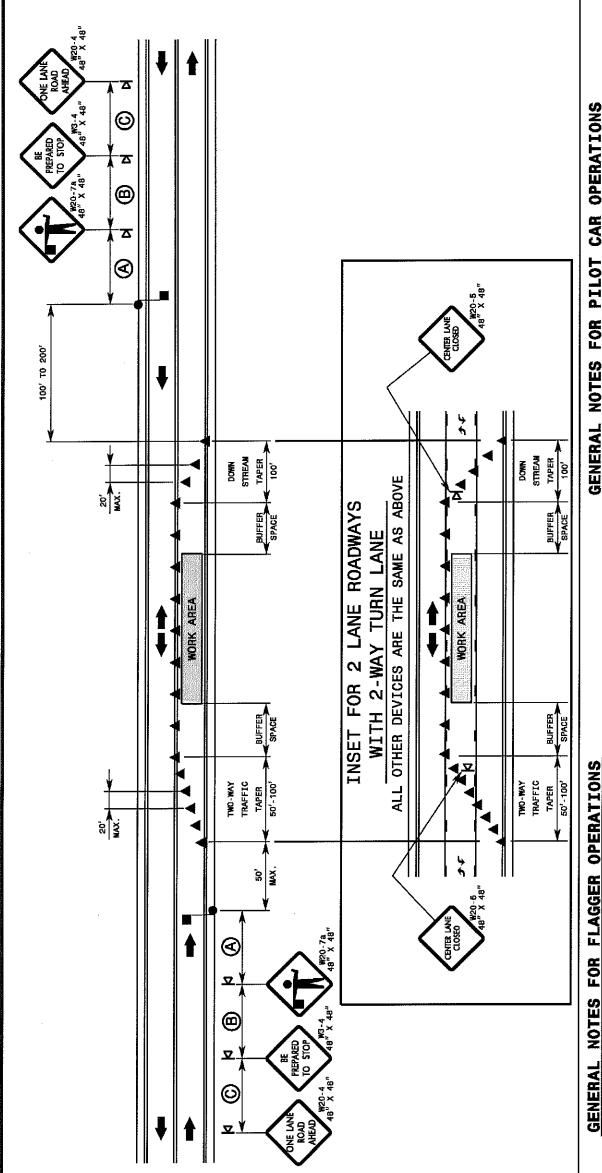
### **Measurement and Payment**

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

S-WAY ROADWAY-1 LANE CLOSED **YAAAO9M** 

**CTORNKER JNA1** ENGLISH STANDARD DRAWING

RALEIGH, N.C. DIVISION OF HIGHWAYS NORTH CAROLINA OF TRANSPORTATION STATE OF <u> 15</u>



# GENERAL NOTES FOR PILOT CAR OPERATIONS

IF ROADWAY WIDTH IS LESS THAN 22 FEET (EOP TO EOP), CONES MAY NOT BE REQUIRED ALONG WORK AREA, AND AT THE DISCRETION OF THE ENGINEER, CONES MAY BE OMITTED ALONG THE WORK AREA IF USING A PILOT CAR. 1- USE PILOT CARS WHEN DIRECTED BY THE ENGINEER

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- CONES ARE ALWAYS REQUIRED IN THE UPSTREAM AND DOWNSTREAM TAPERS. က်
- MOUNT SIGN G20-4 "PILOT CAR FOLLOW ME" AT A CONSPICUOUS POSITION ON THE REAR OF THE PILOT VEHICLE. 4-
- DO NOT INSTALL MORE THAN ONE (1) MILE OF LANE GLOSURE, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE. Ġ
  - ADVISE RESIDENTS AND BUSINESSES WITHIN THE LANE CLOSURE LIMITS ABOUT METHODS OF SAFE EGRESS AND INGRESS FROM DRIVEWAYS DURING FLAGGING AND PILOT CAR OPERATIONS ė

DIRECTION OF TRAFFIC FLOW LEGEND PORTABLE SIGN ● FLAGGER CONE ᇫ▮

FOR FLAGGER CONTROL, REQUIREMENTS, AND PROCEDURES AT INTERSECTIONS AFFECTED BY THE LANE CLOSURE. INTERSECTIONS WITH FLAGGER AHEAD SIGNS (W2O-7a) ADVANCE OF THE FLAGGER. FOR SIGNALIZED THE FLASH MODE AND RECOMMEND THE USE OF LAW REFER TO 2009 MUTCD, CHAPTER 6, တ်

ED IN LIEU OF CONES. REFER TO ROADWAY STANDARD REQUIREMENTS.

DIRECTION FOR MORE THAN 5 MINUTES AT A TIME.

AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES

E TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE

TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE

OR SIGN SPACING

FER SPACE SUCH THAT STOPPING SIGHT DISTANCE IS TO STD. 1101.11 SHEET 2).

EXTEND LANE CLOSURES AT THE BUF! PROVIDED TO THE FLAGGER (REFER "

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DO NOT STOP TRAFFIC IN ANY ONE

ė 7φ

PLACE CONES THRU THE WORK AREA THE POSTED SPEED LIMIT.

NOT EXCEED A 1 MILE LANE CLOSURE LENGTH UNLESS OTHERWISE SHOWN IN THE TMP OR DIRECTED BY THE ENGINEER.

ENGLISH STANDARD DRAWING FOR

# TEMPORARY LANE CLOSURES

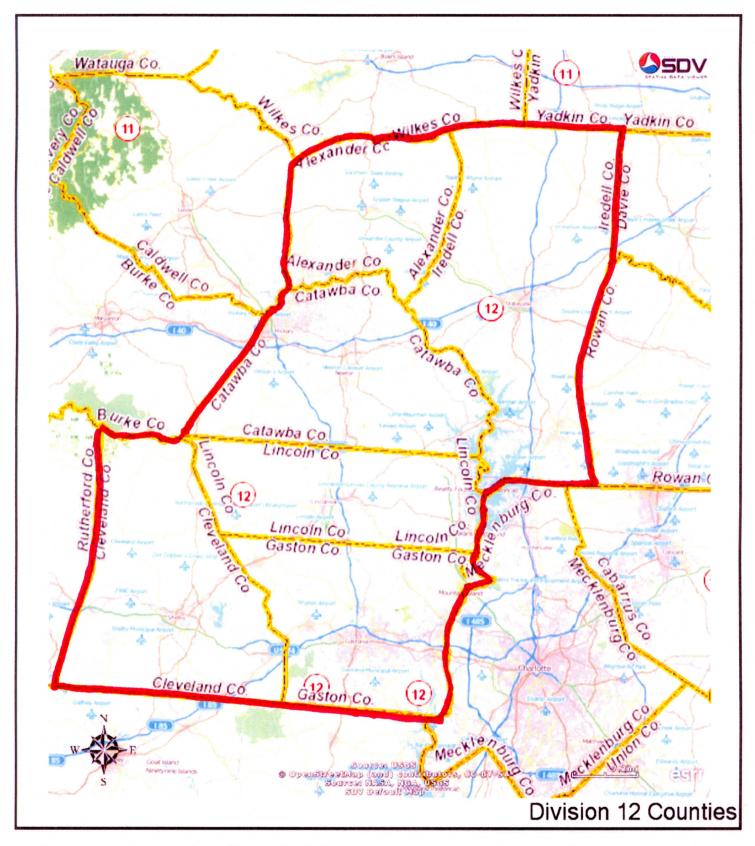
2-LANE, 2-WAY ROADWAY-1 LANE CLOSED

1-12 STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

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Alexander, Catawba, Cleveland, Gaston, Iredell & Lincoln

LISTING OF	MBE	/WBE SU	UBCONTRACTORS	She	eet of
Firm Name and Address	Circle One	Item No.	Item Description	* Agreed upon Unit Price	** Dollar Volume of Item
Name	MBE				
Address	WBE				
Name	MBE				
Address	WBE				
Name					
Name	MBE				
Address	WBE				
Name	MDE				
	MBE				
Address	WBE				
Name					
	MBE				
Address	WBE				
Name	MBE				
Address	WBE				
Name	MBE				
Address	WBE				

<sup>\*</sup> The Dollar Volume shown in this column shall be the Actual Price Agreed Upon by the Prime Contractor and the MBE/WBE subcontractor, and these prices will be used to determine the percentage of the MBE/WBE participation in the contract.

<sup>\*\*</sup> Dollar Volume of MBE/WBE Subcontractor Percentage of Total Contract Bid Price:

 $<sup>{\</sup>it If firm is a Material Supplier Only, show Dollar Volume as 60\% of Agreed Upon Amount from Letter of Intent.}$ 

If firm is a Manufacturer, show Dollar Volume as 100% of Agreed Upon Amount from Letter of Intent.

LISTING OF	MBE	/WBE SU	UBCONTRACTORS	She	eet of
Firm Name and Address	Circle One	Item No.	Item Description	* Agreed upon Unit Price	** Dollar Volume of Item
Name	MBE				
Address	WBE				
Name	MBE				
Address	WBE				
Name	MBE				
Address	WBE				
Name					
Tune	MBE				
Address	WBE				
Name	MBE				
Address	WBE				
Name	MBE				
Address	WBE				

\*\* Dollar Volume of MBE/WBE Subcontractor Percentage of Total Contract Bid Price:

If firm is a Material Supplier Only, show Dollar Volume as 60% of Agreed Upon Amount from Letter of Intent. If firm is a Manufacturer, show Dollar Volume as 100% of Agreed Upon Amount from Letter of Intent.

<sup>\*</sup> The Dollar Volume shown in this column shall be the Actual Price Agreed Upon by the Prime Contractor and the MBE/WBE subcontractor, and these prices will be used to determine the percentage of the MBE/WBE participation in the contract.

Contract No.	
County	

# 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.

		Full name of	f Corpor	ation
		Address as	Prequali	fied
Attest _			Ву _	President/Vice President/Assistant Vice President
	Secretary/Assistant Secretary Select appropriate title			President/Vice President/Assistant Vice President Select appropriate title
	Print or type Signer's name		_	Print or type Signer's name
				CORPORATE SEAL
	AFFIDA	VIT MUS'	<b>T BE</b> 1	NOTARIZED
Subscribe	d and sworn to before me th	is the		
day	v of	20		
				NOTARY SEAL
	Signature of Notary Public			
of		County		
State of _				
My Comn	nission Expires:			

Day	4-19-11
Kev.	4-19-11

Contract No.	
County	

My Commission Expires:\_\_\_\_

# 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.

Full Name of	f Partnership
Address as I	Decayal Fied
Address as r	requaimed
]	Ву
Signature of Witness	Signature of Partner
Print or type Signer's name	Print or type Signer's name
Subscribed and sworn to before me this the	NOTARY SEAL
day of 20	
Signature of Notary Public	_
ofCounty	
State of	

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# 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.

Full Name	of Firm
Address as Pr	requalified
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
ubscribed and sworn to before me this the	NOTARY SEAL
day of 20	
Signature of Notary Public	
fCounty	
tate of	
My Commission Expires:	

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Contract No.	
County	

(1)

# 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)		NI CI ' 177 1			
(2)					
		Name of Contractor			
		Address as Prequalified			
	Signature of Witness or Attest	Ву		Signature of Contractor	
	Print or type Signer's name	<del></del>		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	<del></del>		Print or type Signer's name	
	If Corporation, affix Corporate Seal	and			
(4)		Name of Contractor (for 3 Joint Ver	otura onku)		
			nure only)		
		Address as Prequalified			
	Signature of Witness or Attest	Ву		Signature of Contractor	
	Print or type Signer's name			Print or type Signer's name	
	If Corporation, affix Corporate Seal				
'ARY SEA		NOTARY SEAL			NOTARY SE
davit must be notarized for Line (2) scribed and sworn to before me this		Affidavit must be notarized for Lin	* "	Affidavit must be notarized for	
	and sworn to before me this 20	Subscribed and sworn to before meday of		Subscribed and sworn to befoday of	
ature of N	Notary Public	Signature of Notary Public		Signature of Notary Public	
	County	of State of	County	of State of	County
of	· · · · · · · · · · · · · · · · · · ·				
ommissi	ion Expires:	My Commission Expires:		My Commission Expires:	

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Contract No	
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County	

# 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.

Name of Contractor		
		Individual name
Trading and doing business as		Full name of Firm
	Address as Pred	qualified
Signature of Witness		Signature of Contractor, Individually
Print or type Signer's name		Print or type Signer's name
AFFIDA	VIT MUST F	BE NOTARIZED
Subscribed and sworn to before me th	nis the	NOTARY SEAL
day of	20	
Signature of Notary Public		
of	_County	
State of		
My Commission Expires:		

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County	

My Commission Expires:\_\_\_\_\_

# 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 **NOTARY SEAL** \_\_\_\_ day of \_\_\_\_\_ 20\_\_. Signature of Notary Public of \_\_\_\_\_County

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### **DEBARMENT CERTIFICATION**

### Conditions for certification:

- 1. The prequalified bidder shall provide immediate written notice to the Municipality if at any time the bidder learns that his certification was erroneous when he submitted his debarment certification or explanation filed with the Municipality, 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 Municipality project representative.
- 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 Municipal contracts, unless authorized by the Municipality.
- 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 Municipality, 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 Municipality 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.

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### **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.

# North Carolina Department of Transportation BID FORM

**WBS:** 12SP.20024.4, 12SP.20184.4, 12SP.20234.4, 12SP.20364.4, 12SP.20494.4, 12SP.20554.4

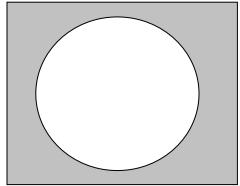
**Description:** Provide truck, trailer and labor to perform Traffic Control. **County:** Alexander, Catawba, Cleveland, Gaston, Iredell & Lincoln

NOTE: CONTRACT QUANTITIES ARE APPROXIMATE AND USED FOR DETERMINING THE LOWEST RESPONSIBLE BIDDER

ONLY. NO MINIMUM OR MAXIMUM AMOUNT OF WORK IS GUARANTEED UNDER THIS CONTRACT.

ITEM	SECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT BID
1	SP	TRAFFIC CONTROL SERVICES	1,600	HRS		

TOTAL BID FOR	PROJECT:		
CONTRACTOR			
ADDRESS			
Federal Identification Number	Contractors L	icense Number	
Authorized Agent	Title		
Signature		Date	
Witness	Title		
Signature		Date	
THIS SECTION TO BE COM This bid has been reviewed in acc Structures 2012. Reviewed by	·	e Standard Specifications for	r Roads and
Accepted by NCDOT		Division Engineer	(date)
	Corporate Seal		



October 2001 bidform.doc