



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

February 21, 2012

Notice To: Highway Contractors and Subcontractors

From: R.A. Garriss, PE, Contract Officer

A handwritten signature in black ink, appearing to read "R.A. Garriss", written over the printed name.

Subject: Highway Construction Wage Rate Survey

The N.C. Department of Transportation will be conducting a HIGHWAY construction wage rate survey of active and ongoing construction between **January 1, 2010 and December 31, 2011** in the state of **North Carolina**. This survey was developed in conjunction with industry stakeholders including representatives of Carolinas Associated General Contractors and Carolinas Asphalt Pavement Association.

Contractors and subcontractors who have performed alterations/repair of roads, streets, highways, runways, taxiways, alleys, trails, paths, parking areas, bridges, or other similar projects with federal, state, municipal, or private funds in the state of North Carolina with a project value greater than \$2000 are encouraged to participate in the survey. Contractors and subcontractors completing the survey will be requested to enter employee classifications and hourly salary rates for their peak month of employment during the specified time frame. This survey will be analyzed by a third party and furnished to both the N.C. Department of Transportation and the U.S. Department of Labor to establish prevailing wage rates for federally funded or assisted highway projects as required under the Davis-Bacon and related Acts.

The online survey must be completed by April 11, 2012 to be included in this data set.

An NCID is required to complete the online survey. If you do not have an NCID, please register at <https://ncid.nc.gov/>.

The wages being paid by your firm on any highway type construction may affect the prevailing wage scale for future federally funded or assisted highway construction projects in this state. If your firm has been engaged in the construction of highway construction during the above referenced dates, please complete an online survey. The online Highway Construction Wage Rate Survey will be available for submission from **February 27, 2012 through April 11, 2012:**

<https://connect.ncdot.gov/wage-survey/>

Please be assured that information provided will be kept confidential to the maximum extent possible under existing law. Thank you very much for your cooperation in this survey. If you have questions or need additional information, please contact wage-survey@ncdot.gov.

MAILING ADDRESS:
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1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: www.ncdot.org

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



STATE OF NORTH CAROLINA
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EUGENE A. CONTI, JR.
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January 24, 2012

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

From: R.A. Garris, P.E.
State Contract Officer

Subject: ***2006 Metric Standard Specifications for Roads and Structures and 2006 Metric Roadway Standard Drawings***

In 1999, the North Carolina Department of Transportation elected to return to the English measurement system when developing project plans as a result of the elimination of the FHWA metric requirement in the 1998 TEA 21 legislation. However, design efforts had already begun on approximately sixty projects utilizing the metric measurement system. Of those, some remained metric and were let under the 2002 Specifications and Standards, and some were re-engineered (converted) to English plans. Currently, there are fourteen projects that will be designed, let and constructed utilizing the 2006 Metric Specifications and Standards. See attached list for project information and tentative let dates.

The Metric Specifications Book is a mirror image of the 2006 (English) Specifications Book, except for the conversion to metric units and dimensions. The 2006 Metric Standard Drawings is a mirror image of the 2006 (English) Standard Drawings, except that Standards 840.25 and 700.01 have been updated to match Details 840D25 and 700D01. The Specifications and Standards are available in .pdf on the Contract Standards and Development Unit's Website at: <http://www.ncdot.org/doh/preconstruct/ps/contracts/default.html>

The 2006 Metric Specifications and Standards are being printed within the Department and are available for purchase. Due to the small number of metric projects to be let over the next several years, a limited number will be printed. Therefore we ask that you review the attached list of projects and not order immediately if projects of interest to you are further out in the future. This will allow us to manage the printing demands much more efficiently. The 2006 Metric Standard Specifications for Roads and Structures and the 2006 Metric Roadway Standard Drawings are \$25.00 each plus 6.75% North Carolina sales tax. To request a copy, please contact Rick Montanez at 919-707-6944, or place your order electronically at the following Website: <http://www.ncdot.org/business/order/puborder.html>

If you have any questions, I can be reached at (919) 707-6900.

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UPDATED January 24, 2012

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	MARCH 20, 2012
R-2554A	4	WAYNE	US 70 (GOLDSBORO BYPASS) FROM WEST OF NC 581 TO SR 1300 (SALEM CHURCH ROAD)	JUNE 19, 2012



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
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EUGENE A. CONTI, JR.
SECRETARY

December 20, 2011

NOTICE TO: All Prequalified Bidders

FROM: R. A. Garriss, P.E. 
State Contract Engineer

SUBJECT: Revision of the "Mechanically Stabilized Earth Retaining Walls" Project Special Provision

Beginning with the January 17, 2012 letting, the above subject Project Special Provision (PSP) is to be effective on State and Federal funded contracts with mechanically stabilized earth (MSE) retaining walls.

The MSE retaining walls provision has been completely revised for the 2012 *Standard Specifications for Roads and Structures*, traffic impact analysis, fine aggregate and other issues. The Department encourages you to read the PSP as there are numerous and extensive changes.

The most significant changes are associated with the use of fine aggregate instead of coarse aggregate for critical MSE retaining walls. The Department will now allow fine aggregate in the reinforced zone of some critical walls with the required fine aggregate sampling and testing and carbon steel corrosion rates. Attached for your convenience is a copy of this PSP.

If you have any questions about the MSE Retaining Walls PSP, contact Scott Hidden, P.E. or Njoroge Wainaina, P.E. of the Geotechnical Engineering Unit at 919-707-6850.

Attachment

MAILING ADDRESS:
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MECHANICALLY STABILIZED EARTH RETAINING WALLS

(1-17-12)

1.0 GENERAL

Construct mechanically stabilized earth (MSE) retaining walls consisting of steel or geogrid reinforcements in the reinforced zone connected to vertical facing elements. The facing elements may be precast concrete panels or segmental retaining wall (SRW) units unless required otherwise in the plans or the *NCDOT Policy for Mechanically Stabilized Earth Retaining Walls* prohibits the use of SRW units. At the Contractor's option, use coarse or fine aggregate in the reinforced zone of MSE retaining walls except do not use fine aggregate for walls subject to scour, walls that support or are adjacent to railroads or walls with design heights greater than 35 ft or internal acute corners less than 45°. Provide reinforced concrete coping as required. Design and construct MSE retaining walls based on actual elevations and wall dimensions in accordance with the contract and accepted submittals. Use a prequalified MSE Wall Installer to construct MSE retaining walls.

Define "MSE wall" as a mechanically stabilized earth retaining wall and "MSE Wall Vendor" as the vendor supplying the chosen MSE wall system. Define a "segmental retaining wall" as an MSE wall with SRW units and an "abutment wall" as an MSE wall with bridge foundations in the reinforced zone. Define "reinforcement" as steel or geogrid reinforcement and "aggregate" as coarse or fine aggregate. Define "panel" as a precast concrete panel and "coping" as precast or cast-in-place concrete coping.

Use an approved MSE wall system in accordance with the plans, NCDOT MSE wall policy and any NCDOT restrictions for the chosen system. Value engineering proposals for other MSE wall systems will not be considered. Do not use segmental retaining walls or MSE wall systems with an "approved for provisional use" status code for critical walls or MSE walls connected to critical walls. Critical walls are defined in the NCDOT MSE wall policy. The list of approved MSE wall systems and NCDOT MSE wall policy are available from:

www.ncdot.org/doh/preconstruct/highway/geotech/msewalls

2.0 MATERIALS

Refer to the *Standard Specifications*.

Item	Section
Aggregate	1014
Anchor Pins	1056-2
Curing Agents	1026
Geotextiles	1056
Joint Materials	1028
Portland Cement Concrete	1000
Precast Retaining Wall Coping	1077
Reinforcing Steel	1070
Retaining Wall Panels	1077
Segmental Retaining Wall Units	1040-4
Shoulder Drain Materials	816-2

Provide Type 2 geotextile for filtration and separation geotextiles. Use Class A concrete for cast-in-place coping, leveling concrete and pads.

Provide panels and SRW units produced by a manufacturer approved or licensed by the MSE Wall Vendor. Unless required otherwise in the contract, produce panels with a smooth flat final finish that meets Article 1077-11 of the *Standard Specifications*. Accurately locate and secure reinforcement connectors in panels and maintain required concrete cover. Produce panels within 1/4" of the panel dimensions shown in the accepted submittals.

Damaged panels or SRW units with excessive discoloration, chips or cracks as determined by the Engineer will be rejected. Do not damage reinforcement connection devices or mechanisms in handling or storing panels and SRW units.

Store steel materials on blocking at least 12" above the ground and protect it at all times from damage; and when placing in the work make sure it is free from dirt, dust, loose mill scale, loose rust, paint, oil or other foreign materials. Handle and store geogrids in accordance with Article 1056-2 of the *Standard Specifications*. Load, transport, unload and store MSE wall materials so materials are kept clean and free of damage.

A. Aggregate

Use standard size No. 57, 57M, 67 or 78M that meets Table 1005-1 of the *Standard Specifications* for coarse aggregate except do not use No. 57 or 57M stone in the reinforced zone of MSE walls with geogrid reinforcement. Use the following for fine aggregate:

1. Standard size No. 1S, 2S, 2MS or 4S that meets Table 1005-2 of the *Standard Specifications* or
2. Gradation that meets Class III, Type 3 select material in accordance with Article 1016-3 of the *Standard Specifications*.

Fine aggregate is exempt from mortar strength and siliceous particle content referenced in Subarticles 1014-1(E) and 1014-1(H) of the *Standard Specifications*. Provide fine aggregate that meets the following requirements:

FINE AGGREGATE REQUIREMENTS

Reinforcement or Connector Material	pH	Resistivity	Chlorides	Sulfates	Organics
Steel	5-10	$\geq 3,000 \Omega \cdot \text{cm}$	$\leq 100 \text{ ppm}$	$\leq 200 \text{ ppm}$	$\leq 1\%$
Geogrid	5-8	N/A*	N/A*	N/A*	$\leq 1\%$

* Resistivity, chlorides and sulfates are not applicable to geogrid.

Use fine aggregate from a source that meets the *Mechanically Stabilized Earth Wall Fine Aggregate Sampling and Testing Manual*. Perform organic content tests in

accordance with AASHTO T 267 instead of Subarticle 1014-1(D) of the *Standard Specifications*. Perform electrochemical tests in accordance with the following test procedures:

Property	Test Method
pH	AASHTO T 289
Resistivity	AASHTO T 288
Chlorides	AASHTO T 291
Sulfates	AASHTO T 290

B. Reinforcement

Provide steel or geogrid reinforcement supplied by the MSE Wall Vendor or a manufacturer approved or licensed by the vendor. Use approved reinforcement for the chosen MSE wall system. The list of approved reinforcement for each MSE wall system is available from the website shown elsewhere in this provision.

1. Steel Reinforcement

Provide Type 1 material certifications in accordance with Article 106-3 of the *Standard Specifications* for steel reinforcement. Use welded wire grid reinforcement (“mesh”, “mats” and “ladders”) that meet Article 1070-3 of the *Standard Specifications* and metallic strip reinforcement (“straps”) that meet ASTM A572 or A1011. Galvanize steel reinforcement in accordance with Section 1076 of the *Standard Specifications*.

2. Geogrid Reinforcement

Define “machine direction” (MD) for geogrids in accordance with ASTM D4439. Provide Type 1 material certifications for geogrid strengths in the MD in accordance with Article 1056-3 of the *Standard Specifications*. Test geogrids in accordance with ASTM D6637.

C. Bearing Pads

Use bearing pads that meet Section 3.6.1.a of the *FHWA Design and Construction of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes – Volume I* (Publication No. FHWA-NHI-10-024).

D. Miscellaneous Components

Miscellaneous components may include connectors (e.g., anchors, bars, clamps, pins, plates, ties, etc.), fasteners (e.g., bolts, nuts, washers, etc.) and any other MSE wall components not included above. Galvanize steel components in accordance with Section 1076 of the *Standard Specifications*. Provide approved miscellaneous components for the chosen MSE wall system. The list of approved miscellaneous components for each MSE wall system is available from the website shown elsewhere in this provision.

3.0 PRECONSTRUCTION REQUIREMENTS

A. MSE Wall Surveys

The Retaining Wall Plans show a plan view, typical sections, details, notes and an elevation or profile view (wall envelope) for each MSE wall. Before beginning MSE wall design, survey existing ground elevations shown in the plans and other elevations in the vicinity of MSE wall locations as needed. Based on these elevations, finished grades and actual MSE wall dimensions and details, submit revised wall envelopes for acceptance. Use accepted wall envelopes for design.

B. MSE Wall Designs

Submit 11 copies of working drawings and 3 copies of design calculations and a PDF copy of each for MSE wall designs at least 30 days before the preconstruction meeting. Do not begin MSE wall construction until a design submittal is accepted.

Use a prequalified MSE Wall Design Consultant to design MSE walls. Provide designs sealed by a Design Engineer approved as a Geotechnical Engineer (key person) for the MSE Wall Design Consultant.

Design MSE walls in accordance with the plans, *AASHTO LRFD Bridge Design Specifications* and any NCDOT restrictions for the chosen MSE wall system unless otherwise required. Design MSE walls for seismic if walls are located in seismic zone 2 in accordance with Figure 2-1 of the *Structure Design Manual*. Use a uniform reinforcement length throughout the wall height of at least $0.7H$ with H as defined for the embedment requirements in this provision or 6 ft, whichever is greater, unless shown otherwise in the plans. Extend the reinforced zone at least 6" beyond end of reinforcement. Do not locate drains, the reinforced zone or leveling pads outside right-of-way or easement limits.

Use the simplified method for determining maximum reinforcement loads and approved design parameters for the chosen MSE wall system or default values in accordance with the AASHTO LRFD specifications. Design steel components including reinforcement and connectors for the design life noted in the plans and aggregate type in the reinforced zone. Use corrosion loss rates for galvanizing in accordance with the AASHTO LRFD specifications for nonaggressive backfill and carbon steel corrosion rates in accordance with the following:

CARBON STEEL CORROSION RATES

Aggregate Type (in the reinforced zone)	Corrosion Loss Rate (after zinc depletion)
Coarse	0.47 mil/year
Fine (except abutment walls)	0.58 mil/year
Fine (abutment walls)	0.70 mil/year

For geogrid reinforcement and connectors, use approved geogrid properties for the

design life noted in the plans and aggregate type in the reinforced zone.

When noted in the plans, design MSE walls for a live load (traffic) surcharge of 250 lb/sf in accordance with Figure C11.5.5-3(b) of the AASHTO LRFD specifications. For steel beam guardrail with 8 ft posts or concrete barrier rail above MSE walls, analyze top 2 reinforcement layers for traffic impact loads in accordance with Section 7.2 of the FHWA MSE wall manual shown elsewhere in this provision except use the following for geogrid reinforcement rupture:

$$\phi T_{al} R_c \geq T_{max} + (T_I / RF_{CR})$$

Where,

- ϕ = resistance factor for tensile resistance in accordance with Section 7.2.1 of the FHWA MSE wall manual,
- T_{al} = long-term geogrid design strength approved for chosen MSE wall system,
- R_c = reinforcement coverage ratio = 1 for continuous geogrid reinforcement,
- T_{max} = factored static load in accordance with Section 7.2 of the FHWA MSE wall manual,
- T_I = factored impact load in accordance with Section 7.2 of the FHWA MSE wall manual, and
- RF_{CR} = creep reduction factor approved for chosen MSE wall system.

If existing or future obstructions such as foundations, guardrail, fence or handrail posts, moment slabs, pavements, pipes, inlets or utilities will interfere with reinforcement, maintain a clearance of at least 3" between obstructions and reinforcement unless otherwise approved. Locate reinforcement layers so all of reinforcement length is within 3" of corresponding connection elevations.

Use 6" thick cast-in-place unreinforced concrete leveling pads beneath panels and SRW units that are continuous at steps and extend at least 6" in front of and behind bottom row of panels or SRW units. Unless required otherwise in the plans, embed top of leveling pads in accordance with the following requirements:

EMBEDMENT REQUIREMENTS

Front Slope ¹ (H:V)	Minimum Embedment Depth ² (whichever is greater)	
6:1 or flatter (except abutment walls)	H/20	1 ft for H ≤ 10 ft
		2 ft for H > 10 ft
6:1 or flatter (abutment walls)	H/10	2 ft
> 6:1 to < 3:1	H/10	2 ft
3:1 to 2:1	H/7	2 ft

1. Front slope shown in the plans.
2. Define "H" as the maximum design height plus embedment per wall with the design height and embedment as shown in the plans.

When noted in the plans, locate a continuous aggregate shoulder drain along base of

reinforced zone behind aggregate. Provide wall drainage systems consisting of drains and outlet components in accordance with Standard Drawing No. 816.02 of the *Roadway Standard Drawings*.

For MSE walls with panels, place at least 2 bearing pads in each horizontal panel joint so the final horizontal joint opening is between 5/8" and 7/8". Additional bearing pads may be required for panels wider than 5 ft as determined by the Engineer. Cover joints at back of panels with filtration geotextiles at least 12" wide.

For segmental retaining walls, fill SRW unit core spaces with coarse aggregate and between and behind SRW units with coarse aggregate for a horizontal distance of at least 18".

Separation geotextiles are required between aggregate and overlying fill or pavement sections except when concrete pavement, full depth asphalt or cement treated base is placed directly on aggregate. Separation geotextiles may also be required between coarse aggregate and backfill or natural ground as determined by the Engineer.

Unless required otherwise in the plans, use reinforced concrete coping at top of walls. Extend coping at least 6" above where the grade intersects back of coping unless required otherwise in the plans. Use coping dimensions shown in the plans and cast-in-place concrete coping for segmental retaining walls and when noted in the plans. At the Contractor's option, connect cast-in-place concrete coping to panels and SRW units with dowels or extend coping down back of MSE walls. Also, connect cast-in-place leveling concrete for precast concrete coping to panels with dowels. When concrete barrier rail is required above MSE walls, use concrete barrier rail with moment slab as shown in the plans.

Submit working drawings and design calculations for acceptance in accordance with Article 105-2 of the *Standard Specifications*. Submit working drawings showing plan views, wall profiles with required resistances, typical sections with reinforcement and connection details, aggregate locations and types, geotextile locations and details of leveling pads, panels or SRW units, coping, bin walls, slip joints, etc. If necessary, include details on working drawings for concrete barrier rail with moment slab, geogrid splices if allowed for the chosen MSE wall system, reinforcement connected to end bent caps and obstructions extending through walls or interfering with reinforcement, leveling pads, barriers or moment slabs. Submit design calculations for each wall section with different surcharge loads, geometry or material parameters. At least one analysis is required for each wall section with different reinforcement lengths. When designing MSE walls with computer software other than MSEW, use MSEW version 3.0 with update 14.2 or later, manufactured by ADAMA Engineering, Inc. to verify the design. At least one MSEW analysis is required per 100 ft of wall length with at least one MSEW analysis for the wall section with the longest reinforcement length. Submit electronic MSEW input files and PDF output files with design calculations.

C. Preconstruction Meeting

Before starting MSE wall construction, hold a preconstruction meeting to discuss the construction and inspection of the MSE walls. Schedule this meeting after all MSE wall submittals have been accepted. The Resident or Bridge Maintenance Engineer, Bridge Construction Engineer, Geotechnical Operations Engineer, Contractor and MSE Wall Installer Superintendent will attend this preconstruction meeting.

4.0 CORROSION MONITORING

Corrosion monitoring is required for MSE walls with steel reinforcement. The Engineer will determine the number of monitoring locations and where to install the instrumentation. Contact the Materials and Tests (M&T) Unit before beginning wall construction. M&T will provide the corrosion monitoring instrumentation kits and if necessary, assistance with installation.

5.0 SITE ASSISTANCE

Unless otherwise approved, provide an MSE Wall Vendor representative to assist and guide the MSE Wall Installer on-site for at least 8 hours when the first panels or SRW units and reinforcement layer are placed. If problems are encountered during construction, the Engineer may require the vendor representative to return to the site for a time period determined by the Engineer.

6.0 CONSTRUCTION METHODS

Control drainage during construction in the vicinity of MSE walls. Direct run off away from MSE walls, aggregate and backfill. Contain and maintain aggregate and backfill and protect material from erosion.

Excavate as necessary for MSE walls in accordance with the accepted submittals. If applicable and at the Contractor's option, use temporary shoring for wall construction instead of temporary slopes to construct MSE walls. Define "temporary shoring for wall construction" as temporary shoring not shown in the plans or required by the Engineer including shoring for OSHA reasons or the Contractor's convenience.

Unless required otherwise in the plans, install foundations located in the reinforced zone before placing aggregate or reinforcement. Notify the Engineer when foundation excavation is complete. Do not place leveling pad concrete, aggregate or reinforcement until excavation dimensions and foundation material are approved.

Construct cast-in-place concrete leveling pads at elevations and with dimensions shown in the accepted submittals and in accordance with Section 420 of the *Standard Specifications*. Cure leveling pads at least 24 hours before placing panels or SRW units.

Erect and support panels and stack SRW units with no negative batter (wall face leaning forward) so the final wall position is as shown in the accepted submittals. Place SRW units with a maximum vertical joint width of 3/8".

Set panels with a vertical joint width of 3/4". Place bearing pads in horizontal panel joints

and cover all panel joints with filtration geotextiles as shown in the accepted submittals. Attach filtration geotextiles to back of panels with adhesives, tapes or other approved methods.

Stagger panels and SRW units to create a running bond by centering panels or SRW units over joints in the row below as shown in the accepted submittals. Construct MSE walls with the following tolerances:

- A. SRW units are level from front to back and between units when checked with a 3 ft long level,
- B. Final wall face is within 3/4" of horizontal and vertical alignment shown in the accepted submittals when measured along a 10 ft straightedge, and
- C. Final wall plumbness (batter) is within 0.5° of vertical unless otherwise approved.

Place reinforcement at locations and elevations shown in the accepted submittals and within 3" of corresponding connection elevations. Install reinforcement with the direction shown in the accepted submittals. Place reinforcement in slight tension free of kinks, folds, wrinkles or creases. Do not splice steel reinforcement. Geogrids may be spliced once per reinforcement length if shown in the accepted submittals. Use geogrid pieces at least 6 ft long. Contact the Engineer when unanticipated existing or future obstructions such as foundations, guardrail, fence or handrail posts, pavements, pipes, inlets or utilities will interfere with reinforcement. To avoid obstructions, deflect, skew or modify reinforcement as shown in the accepted submittals.

Place aggregate in the reinforced zone in 8" to 10" thick lifts. Compact fine aggregate in accordance with Subarticle 235-3(C) of the *Standard Specifications*. Use only hand operated compaction equipment to compact aggregate within 3 ft of panels or SRW units. At a distance greater than 3 ft, compact aggregate with at least 4 passes of an 8 ton to 10 ton vibratory roller in a direction parallel to the wall face. Smooth wheeled or rubber tired rollers are also acceptable for compacting aggregate. Do not use sheepsfoot, grid rollers or other types of compaction equipment with feet. Do not displace or damage reinforcement when placing and compacting aggregate. End dumping directly on geogrids is not permitted. Do not operate heavy equipment on reinforcement until it is covered with at least 8" of aggregate. Replace any damaged reinforcement to the satisfaction of the Engineer.

Backfill for MSE walls outside the reinforced zone in accordance with Article 410-8 of the *Standard Specifications*. If a drain is required, install wall drainage systems as shown in the accepted submittals and in accordance with Section 816 of the *Standard Specifications*.

Place and construct coping and leveling concrete as shown in the accepted submittals. Construct leveling concrete in accordance with Section 420 of the *Standard Specifications*. Construct cast-in-place concrete coping in accordance with Subarticle 452-3(C) of the *Standard Specifications*. When single faced precast concrete barrier is required in front of and against MSE walls, stop coping just above barrier so coping does not interfere with placing barrier up against wall faces.

When separation geotextiles are required, overlap adjacent geotextiles at least 18" and hold separation geotextiles in place with wire staples or anchor pins as needed. Seal joints above and behind MSE walls between coping and ditches or concrete slope protection with silicone sealant.

7.0 MEASUREMENT AND PAYMENT

MSE Retaining Walls will be measured and paid in square feet. MSE walls will be measured as the square feet of exposed wall face area with the height equal to the difference between top and bottom of wall elevations. Define "top of wall" as top of coping or top of panels or SRW units for MSE walls without coping. Define "bottom of wall" as shown in the plans and no measurement will be made for portions of MSE walls embedded below bottom of wall elevations.

The contract unit price for *MSE Retaining Walls* will be full compensation for providing designs, submittals, labor, tools, equipment and MSE wall materials, excavating, backfilling, hauling and removing excavated materials and supplying site assistance, leveling pads, panels, SRW units, reinforcement, aggregate, wall drainage systems, geotextiles, bearing pads, coping, miscellaneous components and any incidentals necessary to construct MSE walls. The contract unit price for *MSE Retaining Walls* will also be full compensation for reinforcement connected to and aggregate behind end bent caps in the reinforced zone, if required.

No separate payment will be made for temporary shoring for wall construction. Temporary shoring for wall construction will be incidental to the contract unit price for *MSE Retaining Walls*.

The contract unit price for *MSE Retaining Walls* does not include the cost for ditches, fences, handrails, barrier or guardrail associated with MSE walls as these items will be paid for elsewhere in the contract.

Where it is necessary to provide backfill material behind the reinforced zone from sources other than excavated areas or borrow sources used in connection with other work in the contract, payment for furnishing and hauling such backfill material will be paid as extra work in accordance with Article 104-7 of the *Standard Specifications*. Placing and compacting such backfill material is not considered extra work but is incidental to the work being performed.

Payment will be made under:

Pay Item
MSE Retaining Walls

Pay Unit
Square Foot



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EUGENE A. CONTI, JR.
SECRETARY

October 18, 2011

NOTICE TO: To all Prequalified Contractors

FROM: R.A. Garris, PE 
State Contract Officer

SUBJECT: *2012 Standard Specifications and 2012 Roadway Standard Drawings*

The subject publications will be effective with the January 2012 let and are currently available for purchase on the following website: <http://www.ncdot.gov/business/order/puborder.html>. If you have questions concerning ordering these publications, please contact Rick Montanez at (919) 707-6944.

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September 20, 2011

NOTICE TO: All Prequalified Bidders

FROM: R.A. Garriss, P.E. 
State Contract Engineer

SUBJECT: Revision of the "Disadvantaged Business Enterprise" and the
"Minority Business Enterprise and Women Business
Enterprise" Project Special Provisions

Beginning with the November 15, 2011 letting, the above subject project special provisions are to be effective on all Federal and State funded contracts.

Over the past year, the North Carolina Department of Transportation has been working with the contracting industry and the Federal Highway Administration on revisions to the "Disadvantaged Business Enterprise" special provision to make clarifications and enhancements. Likewise, these revisions are mirrored in the "Minority Business Enterprise and Women Business Enterprise" special provision. Attached for your convenience are copies of these provisions.

The Department encourages you to read the special provisions as there are changes to the way DBE or MBE and WBE participation is submitted with the bid and how they are considered toward the advertised goal. Please review the changes to the good faith effort requirements, the addition of the joint check and the replacement forms, how to count disadvantaged prime contractors toward the goal, the clarification of the use of leases in trucking, the addition of new forms such as the SAF (Subcontractor Approval Form) and Subcontractor Quote Comparison Sheet in good faith efforts, and the use of the DBE@ncdot.gov e-mail address for submittals.

It should be noted that with the changes to the special provisions, there will also be changes to the way that the DBE, MBE, and WBE firms are keyed in the Expedite bid system. At the time of bid, bidders shall submit all DBE or MBE and WBE participation that they anticipate to use during the life of the contract. Additional DBE or MBE and WBE participation submitted at the time of bid will be used toward the

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1501 MAIL SERVICE CENTER
RALEIGH NC 27669-1501

TELEPHONE: 919-707-6900
FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG

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

Department's overall race-neutral goals, may be used for MBE/WBE banking, and may later be used to replace a committed firm of the same category which is terminated for good cause.

Commitment to use the firm comes at the time that the bidder submits their Letter of Intent to use that firm on the project. When Letters of Intent are submitted, it must be for the same cost as what was submitted at time of bid. Letters of Intent for DBE goals will not commit participation greater than the advertised goal. Letters of Intent for MBE/WBE goals may exceed the goal to bank participation in accordance with the special provision but will not commit participation greater than the advertised goal.

If you have any questions on the special provision, you can contact Mr. Michael McKoy or Ms. Terry Canales, P.E. at 919-733-7174.

Attachments

DISADVANTAGED BUSINESS ENTERPRISE:**(10-16-07)(Rev 11-15-11)****SP1 G61****Description**

The purpose of this Special Provision is to carry out the U.S. Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts financed in whole or in part with Federal funds. This provision is guided by 49 CFR Part 26.

Definitions

Additional DBE Subcontractors - Any DBE submitted at the time of bid that will not be used to meet the DBE goal. No submittal of a Letter of Intent is required.

Committed DBE Subcontractor - Any DBE submitted at the time of bid that is being used to meet the DBE goal by submission of a Letter of Intent. Or any DBE used as a replacement for a previously committed DBE firm.

Contract Goal Requirement - The approved DBE participation at time of award, but not greater than the advertised contract goal.

DBE Goal - A portion of the total contract, expressed as a percentage, that is to be performed by committed DBE subcontractor(s).

Disadvantaged Business Enterprise (DBE) - A firm certified as a Disadvantaged Business Enterprise through the North Carolina Unified Certification Program.

Goal Confirmation Letter - Written documentation from the Department to the bidder confirming the Contractor's approved, committed DBE participation along with a listing of the committed DBE firms.

Manufacturer - A firm that operates or maintains a factory or establishment that produces on the premises, the materials or supplies obtained by the Contractor.

Regular Dealer - A firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of the contract are bought, kept in stock, and regularly sold to the public in the usual course of business. A regular dealer engages in, as its principal business and in its own name, the purchase and sale or lease of the products in question. A regular dealer in such bulk items as steel, cement, gravel, stone, and petroleum products need not keep such products in stock, if it owns and operates distribution equipment for the products. Brokers and packagers are not regarded as manufacturers or regular dealers within the meaning of this section.

North Carolina Unified Certification Program (NCUCP) - A program that provides comprehensive services and information to applicants for DBE certification, such that an applicant is required to apply only once for a DBE certification that will be honored by all

recipients of USDOT funds in the state and not limited to the Department of Transportation only. The Certification Program is in accordance with 49 CFR Part 26.

United States Department of Transportation (USDOT) - Federal agency responsible for issuing regulations (49 CFR Part 26) and official guidance for the DBE program.

Forms and Websites Referenced in this Provision

DBE Payment Tracking System - On-line system in which the Contractor enters the payments made to DBE subcontractors who have performed work on the project.
<https://apps.dot.state.nc.us/Vendor/PaymentTracking/>

DBE-IS Subcontractor Payment Information - Form for reporting the payments made to all DBE firms working on the project. This form is for paper bid projects only.
<http://www.ncdot.org/doh/forms/files/DBE-IS.xls>

RF-1 DBE Replacement Request Form - Form for replacing a committed DBE.
https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/RF-1.pdf

SAF Subcontract Approval Form - Form required for approval to sublet the contract.
http://www.ncdot.org/doh/operations/dp_chief_eng/constructionunit/saf.xls

JC-1 Joint Check Notification Form - Form and procedures for joint check notification. The form acts as a written joint check agreement among the parties providing full and prompt disclosure of the expected use of joint checks.
https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A//www.ncdot.gov/doh/forms/files/JC-1.pdf

Letter of Intent - Form signed by the Contractor and the DBE subcontractor, manufacturer or regular dealer that affirms that a portion of said contract is going to be performed by the signed DBE for the amount listed at the time of bid.
<http://www.ncdot.org/doh/preconstruct/ps/contracts/letterofintent.pdf>

Listing of DBE Subcontractors Form - Form for entering DBE subcontractors on a project that will meet this DBE goal. This form is for paper bids only.
<http://www.ncdot.gov/doh/preconstruct/ps/word/MISC2.doc>

Subcontractor Quote Comparison Sheet - Spreadsheet for showing all subcontractor quotes in the work areas where DBEs quoted on the project. This sheet is submitted with good faith effort packages.
http://www.ncdot.gov/business/ocs/goodfaith/excel/Ex_Subcontractor_Quote_Comparison.xls

DBE Goal

The following DBE goal for participation by Disadvantaged Business Enterprises is established for this contract:

Disadvantaged Business Enterprises [number to the nearest tenth] %

- (A) *If the DBE goal is more than zero*, the Contractor shall exercise all necessary and reasonable steps to ensure that DBEs participate in at least the percent of the contract as set forth above as the DBE goal.
- (B) *If the DBE goal is zero*, the Contractor shall make an effort to recruit and use DBEs during the performance of the contract. Any DBE participation obtained shall be reported to the Department.

Directory of Transportation Firms (Directory)

Real-time information is available about firms doing business with the Department and firms that are certified through NCUCP in the Directory of Transportation Firms. Only firms identified in the Directory as DBE certified shall be used to meet the DBE goal. The Directory can be found at the following link. <https://partner.ncdot.gov/VendorDirectory/default.html>

The listing of an individual firm in the directory shall not be construed as an endorsement of the firm's capability to perform certain work.

Listing of DBE Subcontractors

At the time of bid, bidders shall submit all DBE participation that they anticipate to use during the life of the contract. Only those identified to meet the DBE goal will be considered committed, even though the listing shall include both committed DBE subcontractors and additional DBE subcontractors. Additional DBE subcontractor participation submitted at the time of bid will be used toward the Department's overall race-neutral goal. Only those firms with current DBE certification at the time of bid opening will be acceptable for listing in the bidder's submittal of DBE participation. The Contractor shall indicate the following required information:

(A) Electronic Bids

Bidders shall submit a listing of DBE participation in the appropriate section of Expedite, the bidding software of Bid Express®.

- (1) Submit the names and addresses of DBE firms identified to participate in the contract. If the bidder uses the updated listing of DBE firms shown in Expedite, the bidder may use the dropdown menu to access the name and address of the DBE firm.

- (2) Submit the contract line numbers of work to be performed by each DBE firm. When no figures or firms are entered, the bidder will be considered to have no DBE participation.
- (3) The bidder shall be responsible for ensuring that the DBE is certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that DBE's participation will not count towards achieving the DBE goal.

(B) Paper Bids

Blank forms will not be deemed to represent zero participation. Bids submitted that do not have DBE participation indicated on the appropriate form will not be read publicly during the opening of bids. The Department will not consider these bids for award and the proposal will be rejected.

- (1) *If the DBE goal is more than zero,*
 - (a) Bidders, at the time the bid proposal is submitted, shall submit a listing of DBE participation, including the names and addresses on *Listing of DBE Subcontractors* contained elsewhere in the contract documents in order for the bid to be considered responsive. Bidders shall indicate the total dollar value of the DBE participation for the contract.
 - (b) If bidders have no DBE participation, they shall indicate this on the *Listing of DBE Subcontractors* by entering the word "None" or the number "0." This form shall be completed in its entirety.
 - (c) The bidder shall be responsible for ensuring that the DBE is certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that DBE's participation will not count towards achieving the DBE goal.
- (2) *If the DBE goal is zero,* bidders, at the time the bid proposal is submitted, shall enter the word "None"; or the number "0"; or if there is participation, add the value on the *Listing of DBE Subcontractors* contained elsewhere in the contract documents.

DBE Prime Contractor

When a certified DBE firm bids on a contract that contains a DBE goal, the DBE firm is responsible for meeting the goal or making good faith efforts to meet the goal, just like any other bidder. In most cases, a DBE bidder on a contract will meet the DBE goal by virtue of the work it performs on the contract with its own forces. However, all the work that is performed by the DBE bidder and any other DBE subcontractors will count toward the DBE goal. The DBE bidder shall list itself along with any DBE subcontractors, if any, in order to receive credit toward the DBE goal.

For example, if the DBE goal is 45% and the DBE bidder will only perform 40% of the contract work, the prime will list itself at 40%, and the additional 5% shall be obtained through additional DBE participation with DBE subcontractors or documented through a good faith effort.

DBE prime contractors shall also follow Sections A and B listed under *Listing of DBE Subcontractor* just as a non-DBE bidder would.

Written Documentation – Letter of Intent

The bidder shall submit written documentation for each DBE that will be used to meet the DBE goal of the contract, indicating the bidder's commitment to use the DBE in the contract. This documentation shall be submitted on the Department's form titled *Letter of Intent*.

The documentation shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids, unless the sixth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

If the bidder fails to submit the Letter of Intent from each committed DBE to be used toward the DBE goal, or if the form is incomplete (i.e. both signatures are not present), the DBE participation will not count toward meeting the DBE goal. If the lack of this participation drops the commitment below the DBE goal, the Contractor shall submit evidence of good faith efforts, completed in its entirety, to the State Contractor Utilization Engineer or DBE@ncdot.gov no later than 12:00 noon on the eighth calendar day following opening of bids, unless the eighth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

Submission of Good Faith Effort

If the bidder fails to meet or exceed the DBE goal the apparent lowest responsive bidder shall submit to the Department documentation of adequate good faith efforts made to reach the DBE goal.

A hard copy and an electronic copy of this information shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids unless the sixth day falls on an official state holiday. In that situation, it would be due in the office of the State Contractor Utilization Engineer the next official state business day. If the contractor cannot send the information electronically, then one complete set and 9 copies of this information shall be received under the same time constraints above.

Note: Where the information submitted includes repetitious solicitation letters, it will be acceptable to submit a representative letter along with a distribution list of the firms that were solicited. Documentation of DBE quotations shall be a part of the good faith effort submittal.

This documentation may include written subcontractor quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

Consideration of Good Faith Effort for Projects with DBE Goals More Than Zero

Adequate good faith efforts mean that the bidder took all necessary and reasonable steps to achieve the goal which, by their scope, intensity, and appropriateness, could reasonably be expected to obtain sufficient DBE participation. Adequate good faith efforts also mean that the bidder actively and aggressively sought DBE participation. Mere *pro forma* efforts are not considered good faith efforts.

The Department will consider the quality, quantity, and intensity of the different kinds of efforts a bidder has made. Listed below are examples of the types of actions a bidder will take in making a good faith effort to meet the goal and are not intended to be exclusive or exhaustive, nor is it intended to be a mandatory checklist.

- (A) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices through the use of the NCDOT Directory of Transportation Firms) the interest of all certified DBEs who have the capability to perform the work of the contract. The bidder must solicit this interest within at least 10 days prior to bid opening to allow the DBEs to respond to the solicitation. Solicitation shall provide the opportunity to DBEs within the Division and surrounding Divisions where the project is located. The bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
- (B) Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
- (C) Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (D) (1) Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

- (2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidding contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
- (E) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associates and political or social affiliations (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.
- (F) Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or bidder.
- (G) Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (H) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; Federal, State, and local minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs. Contact within 7 days from the bid opening the Business Development Manager in the Business Opportunity and Work Force Development Unit to give notification of the bidder's inability to get DBE quotes.
- (I) Any other evidence that the bidder submits which shows that the bidder has made reasonable good faith efforts to meet the DBE goal.

In addition, the Department may take into account the following:

- (1) Whether the bidder's documentation reflects a clear and realistic plan for achieving the DBE goal.
- (2) The bidders' past performance in meeting the DBE goals.
- (3) The performance of other bidders in meeting the DBE goal. For example, when the apparent successful bidder fails to meet the DBE goal, but others meet it, you may reasonably raise the question of whether, with additional reasonable efforts the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the DBE goal, but meets or exceeds the average DBE participation obtained by other bidders, the Department may view this,

in conjunction with other factors, as evidence of the apparent successful bidder having made a good faith effort.

If the Department does not award the contract to the apparent lowest responsive bidder, the Department reserves the right to award the contract to the next lowest responsive bidder that can satisfy to the Department that the DBE goal can be met or that an adequate good faith effort has been made to meet the DBE goal.

Non-Good Faith Appeal

The State Contractor Utilization Engineer will notify the contractor verbally and in writing of non-good faith. A contractor may appeal a determination of non-good faith made by the Goal Compliance Committee. If a contractor wishes to appeal the determination made by the Committee, they shall provide written notification to the State Contractual Services Engineer or at DBE@ncdot.gov. The appeal shall be made within 2 business days of notification of the determination of non-good faith.

Counting DBE Participation Toward Meeting DBE Goal

(A) Participation

The total dollar value of the participation by a committed DBE will be counted toward the contract goal requirement. The total dollar value of participation by a committed DBE will be based upon the value of work actually performed by the DBE and the actual payments to DBE firms by the Contractor.

(B) Joint Checks

Prior notification of joint check use shall be required when counting DBE participation for services or purchases that involves the use of a joint check. Notification shall be through submission of Form JC-1 (*Joint Check Notification Form*) and the use of joint checks shall be in accordance with the Department's Joint Check Procedures.

(C) Subcontracts (Non-Trucking)

A DBE may enter into subcontracts. Work that a DBE subcontracts to another DBE firm may be counted toward the contract goal requirement. Work that a DBE subcontracts to a non-DBE firm does not count toward the contract goal requirement. If a DBE contractor or subcontractor subcontracts a significantly greater portion of the work of the contract than would be expected on the basis of standard industry practices, it shall be presumed that the DBE is not performing a commercially useful function. The DBE may present evidence to rebut this presumption to the Department. The Department's decision on the rebuttal of this presumption is subject to review by the Federal Highway Administration but is not administratively appealable to USDOT.

(D) Joint Venture

When a DBE performs as a participant in a joint venture, the Contractor may count toward its contract goal requirement a portion of the total value of participation with the DBE in the joint venture, that portion of the total dollar value being a distinct clearly defined portion of work that the DBE performs with its forces.

(E) Suppliers

A contractor may count toward its DBE requirement 60 percent of its expenditures for materials and supplies required to complete the contract and obtained from a DBE regular dealer and 100 percent of such expenditures from a DBE manufacturer.

(F) Manufacturers and Regular Dealers

A contractor may count toward its DBE requirement the following expenditures to DBE firms that are not manufacturers or regular dealers:

- (1) The fees or commissions charged by a DBE firm for providing a *bona fide* service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a DOT-assisted contract, provided the fees or commissions are determined to be reasonable and not excessive as compared with fees and commissions customarily allowed for similar services.
- (2) With respect to materials or supplies purchased from a DBE, which is neither a manufacturer nor a regular dealer, count the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site (but not the cost of the materials and supplies themselves), provided the fees are determined to be reasonable and not excessive as compared with fees customarily allowed for similar services.

Commercially Useful Function

(A) DBE Utilization

The Contractor may count toward its contract goal requirement only expenditures to DBEs that perform a commercially useful function in the work of a contract. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE shall also be responsible with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a commercially useful function, the Department will

evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and any other relevant factors.

(B) DBE Utilization in Trucking

The following factors will be used to determine if a DBE trucking firm is performing a commercially useful function.

- (1) The DBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and there shall not be a contrived arrangement for the purpose of meeting DBE goals.**
- (2) The DBE shall itself own and operate at least one fully licensed, insured, and operational truck used on the contract.**
- (3) The DBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.**
- (4) The DBE may subcontract the work to another DBE firm, including an owner-operator who is certified as a DBE. The DBE who subcontracts work to another DBE receives credit for the total value of the transportation services the subcontracted DBE provides on the contract.**
- (5) The DBE may also subcontract the work to a non-DBE firm, including from an owner-operator. The DBE who subcontracts the work to a non-DBE is entitled to credit for the total value of transportation services provided by the non-DBE subcontractor not to exceed the value of transportation services provided by DBE-owned trucks on the contract. Additional participation by non-DBE subcontractors receives credit only for the fee or commission it receives as a result of the subcontract arrangement. The value of services performed under subcontract agreements between the DBE and the Contractor will not count towards the DBE contract requirement.**
- (6) A DBE may lease truck(s) from an established equipment leasing business open to the general public. The lease must indicate that the DBE has exclusive use of and control over the truck. This requirement does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. This type of lease may count toward the DBE's credit as long as the driver is under the DBE's payroll.**

- (7) Subcontracted/leased trucks shall display clearly on the dashboard the name of the DBE that they are subcontracted/leased to and their own company name if it is not identified on the truck itself. Magnetic door signs are not permitted.

DBE Replacement

When a Contractor has relied on a commitment to a DBE firm (or an approved substitute DBE firm) to meet all or part of a contract goal requirement, the contractor shall not terminate the DBE for convenience. This includes, but is not limited to, instances in which the Contractor seeks to perform the work of the terminated subcontractor with another DBE subcontractor, a non-DBE subcontractor, or with the Contractor's own forces or those of an affiliate. A DBE may only be terminated after receiving the Engineer's written approval based upon a finding of good cause for the termination.

All requests for replacement of a committed DBE firm shall be submitted to the Engineer for approval on Form RF-1 (*DBE Replacement Request*). If the Contractor fails to follow this procedure, the Contractor may be disqualified from further bidding for a period of up to 6 months.

The Contractor shall comply with the following for replacement of a committed DBE:

(A) Performance Related Replacement

When a committed DBE is terminated for good cause as stated above, an additional DBE that was submitted at the time of bid may be used to fulfill the DBE commitment. A good faith effort will only be required for removing a committed DBE if there were no additional DBEs submitted at the time of bid to cover the same amount of work as the DBE that was terminated.

If a replacement DBE is not found that can perform at least the same amount of work as the terminated DBE, the Contractor shall submit a good faith effort documenting the steps taken. Such documentation shall include, but not be limited to, the following:

- (1) Copies of written notification to DBEs that their interest is solicited in contracting the work defaulted by the previous DBE or in subcontracting other items of work in the contract.
- (2) Efforts to negotiate with DBEs for specific subbids including, at a minimum:
 - (a) The names, addresses, and telephone numbers of DBEs who were contacted.
 - (b) A description of the information provided to DBEs regarding the plans and specifications for portions of the work to be performed.
- (3) A list of reasons why DBE quotes were not accepted.

- (4) Efforts made to assist the DBEs contacted, if needed, in obtaining bonding or insurance required by the Contractor.

(B) Decertification Replacement

- (1) When a committed DBE is decertified by the Department after the SAF (*Subcontract Approval Form*) has been received by the Department, the Department will not require the Contractor to solicit replacement DBE participation equal to the remaining work to be performed by the decertified firm. The participation equal to the remaining work performed by the decertified firm will count toward the contract goal requirement.
- (2) When a committed DBE is decertified prior to the Department receiving the SAF (*Subcontract Approval Form*) for the named DBE firm, the Contractor shall take all necessary and reasonable steps to replace the DBE subcontractor with another DBE subcontractor to perform at least the same amount of work to meet the DBE goal requirement. If a DBE firm is not found to do the same amount of work, a good faith effort must be submitted to NCDOT (see A herein for required documentation).

Changes in the Work

When the Engineer makes changes that result in the reduction or elimination of work to be performed by a committed DBE, the Contractor will not be required to seek additional participation. When the Engineer makes changes that result in additional work to be performed by a DBE based upon the Contractor's commitment, the DBE shall participate in additional work to the same extent as the DBE participated in the original contract work.

When the Engineer makes changes that result in extra work, which has more than a minimal impact on the contract amount, the Contractor shall seek additional participation by DBEs unless otherwise approved by the Engineer.

When the Engineer makes changes that result in an alteration of plans or details of construction, and a portion or all of the work had been expected to be performed by a committed DBE, the Contractor shall seek participation by DBEs unless otherwise approved by the Engineer.

When the Contractor requests changes in the work that result in the reduction or elimination of work that the Contractor committed to be performed by a DBE, the Contractor shall seek additional participation by DBEs equal to the reduced DBE participation caused by the changes.

Reports and Documentation

A SAF (*Subcontract Approval Form*) shall be submitted for all work which is to be performed by a DBE subcontractor. The Department reserves the right to require copies of actual subcontract agreements involving DBE subcontractors.

When using transportation services to meet the contract commitment, the Contractor shall submit a proposed trucking plan in addition to the SAF. The plan shall be submitted prior to beginning construction on the project. The plan shall include the names of all trucking firms proposed for use, their certification type(s), the number of trucks owned by the firm, as well as the individual truck identification numbers, and the line item(s) being performed.

Within 30 calendar days of entering into an agreement with a DBE for materials, supplies or services, not otherwise documented by the SAF as specified above, the Contractor shall furnish the Engineer a copy of the agreement. The documentation shall also indicate the percentage (60% or 100%) of expenditures claimed for DBE credit.

Reporting Disadvantaged Business Enterprise Participation

The Contractor shall provide the Engineer with an accounting of payments made to all DBE firms, including material suppliers and contractors at all levels (prime, subcontractor, or second tier subcontractor). This accounting shall be furnished to the Engineer for any given month by the end of the following month. Failure to submit this information accordingly may result in the following action:

- (A) Withholding of money due in the next partial pay estimate; or
- (B) Removal of an approved contractor from the prequalified bidders' list or the removal of other entities from the approved subcontractors list.

While each contractor (prime, subcontractor, 2nd tier subcontractor) is responsible for accurate accounting of payments to DBEs, it shall be the prime contractor's responsibility to report all monthly and final payment information in the correct reporting manner.

Failure on the part of the Contractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from further bidding until the required information is submitted.

Failure on the part of any subcontractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from being approved for work on future DOT projects until the required information is submitted.

Contractors reporting transportation services provided by non-DBE lessees shall evaluate the value of services provided during the month of the reporting period only.

At any time, the Engineer can request written verification of subcontractor payments.

(A) Electronic Bids Reporting

The Contractor shall report the accounting of payments through the Department's DBE Payment Tracking System.

(B) Paper Bids Reporting

The Contractor shall report the accounting of payments on the Department's DBE-IS (*Subcontractor Payment Information*) with each invoice. Invoices will not be processed for payment until the DBE-IS is received.

Failure to Meet Contract Requirements

Failure to meet contract requirements in accordance with Subarticle 102-16(J) of the *2006 Standard Specifications* may be cause to disqualify the Contractor from further bidding for a specified length of time.

MINORITY BUSINESS ENTERPRISE AND WOMEN BUSINESS ENTERPRISE:

(10-16-07)(Rev 11-15-11)

SP1 G67

Description

The purpose of this Special Provision is to carry out the North Carolina Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts financed in whole or in part with State funds.

Definitions

Additional MBE/WBE Subcontractors - Any MBE/WBE submitted at the time of bid that will not be used to meet either the MBE or WBE goal. No submittal of a Letter of Intent is required, unless the additional participation is used for banking purposes.

Committed MBE/WBE Subcontractor - Any MBE/WBE submitted at the time of bid that is being used to meet either the MBE or WBE goal by submission of a Letter of Intent. Or any MBE or WBE used as a replacement for a previously committed MBE or WBE firm.

Contract Goals Requirement - The approved MBE and WBE participation at time of award, but not greater than the advertised contract goals for each.

Goal Confirmation Letter - Written documentation from the Department to the bidder confirming the Contractor's approved, committed MBE and WBE participation along with a listing of the committed MBE and WBE firms.

Manufacturer - A firm that operates or maintains a factory or establishment that produces on the premises, the materials or supplies obtained by the Contractor.

MBE Goal - A portion of the total contract, expressed as a percentage, that is to be performed by committed MBE subcontractor(s).

Minority Business Enterprise (MBE) - A firm certified as a Disadvantaged Minority-Owned Business Enterprise through the North Carolina Unified Certification Program.

Regular Dealer - A firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of the contract are bought, kept in stock, and regularly sold to the public in the usual course of business. A regular dealer engages in, as its principal business and in its own name, the purchase and sale or lease of the products in question. A regular dealer in such bulk items as steel, cement, gravel, stone, and petroleum products need not keep such products in stock, if it owns and operates distribution equipment for the products. Brokers and packagers are not regarded as manufacturers or regular dealers within the meaning of this section.

North Carolina Unified Certification Program (NCUCP) - A program that provides comprehensive services and information to applicants for MBE/WBE certification.

The MBE/WBE program follows the same regulations as the federal Disadvantaged Business Enterprise (DBE) program in accordance with 49 CFR Part 26.

United States Department of Transportation (USDOT) - Federal agency responsible for issuing regulations (49 CFR Part 26) and official guidance for the DBE program.

WBE Goal - A portion of the total contract, expressed as a percentage, that is to be performed by committed WBE subcontractor(s).

Women Business Enterprise (WBE) - A firm certified as a Disadvantaged Women-Owned Business Enterprise through the North Carolina Unified Certification Program.

Forms and Websites Referenced in this Provision

Payment Tracking System - On-line system in which the Contractor enters the payments made to MBE and WBE subcontractors who have performed work on the project.
<https://apps.dot.state.nc.us/Vendor/PaymentTracking/>

DBE-IS Subcontractor Payment Information - Form for reporting the payments made to all MBE/WBE firms working on the project. This form is for paper bid projects only.
<http://www.ncdot.org/doh/forms/files/DBE-IS.xls>

RF-1 MBE/WBE Replacement Request Form - Form for replacing a committed MBE or WBE.
https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A/www.ncdot.gov/doh/forms/files/RF-1.pdf

SAF Subcontract Approval Form - Form required for approval to sublet the contract.
http://www.ncdot.org/doh/operations/dp_chief_eng/constructionunit/saf.xls

JC-1 Joint Check Notification Form - Form and procedures for joint check notification. The form acts as a written joint check agreement among the parties providing full and prompt disclosure of the expected use of joint checks.
https://apps.dot.state.nc.us/_includes/download/external.html?pdf=http%3A/www.ncdot.gov/doh/forms/files/JC-1.pdf

Letter of Intent - Form signed by the Contractor and the MBE/WBE subcontractor, manufacturer or regular dealer that affirms that a portion of said contract is going to be performed by the signed MBE/WBE for the amount listed at the time of bid.
<http://www.ncdot.org/doh/preconstruct/ps/contracts/letterofintent.pdf>

Listing of MBE and WBE Subcontractors Form - Form for entering MBE/WBE subcontractors on a project that will meet this MBE and WBE goals. This form is for paper bids only.
<http://www.ncdot.gov/doh/preconstruct/ps/word/MISC3.doc>

Subcontractor Quote Comparison Sheet - Spreadsheet for showing all subcontractor quotes in the work areas where MBEs and WBEs quoted on the project. This sheet is submitted with good faith effort packages.

http://www.ncdot.gov/business/ocs/goodfaith/excel/Ex_Subcontractor_Quote_Comparison.xls

MBE and WBE Goal

The following goals for participation by Minority Business Enterprises and Women Business Enterprises are established for this contract:

(A) Minority Business Enterprises [number to the nearest tenth] %

- (1) *If the MBE goal is more than zero***, the Contractor shall exercise all necessary and reasonable steps to ensure that MBEs participate in at least the percent of the contract as set forth above as the MBE goal.
- (2) *If the MBE goal is zero***, the Contractor shall make an effort to recruit and use MBEs during the performance of the contract. Any MBE participation obtained shall be reported to the Department.

(B) Women Business Enterprises [number to the nearest tenth] %

- (1) *If the WBE goal is more than zero***, the Contractor shall exercise all necessary and reasonable steps to ensure that WBEs participate in at least the percent of the contract as set forth above as the WBE goal.
- (2) *If the WBE goal is zero***, the Contractor shall make an effort to recruit and use WBEs during the performance of the contract. Any WBE participation obtained shall be reported to the Department.

Directory of Transportation Firms (Directory)

Real-time information is available about firms doing business with the Department and firms that are certified through NCUCP in the Directory of Transportation Firms. Only firms identified in the Directory as MBE and WBE certified shall be used to meet the MBE and WBE goals respectively. The Directory can be found at the following link.
<https://partner.ncdot.gov/VendorDirectory/default.html>

The listing of an individual firm in the directory shall not be construed as an endorsement of the firm's capability to perform certain work.

Listing of MBE/WBE Subcontractors

At the time of bid, bidders shall submit all MBE and WBE participation that they anticipate to use during the life of the contract. Only those identified to meet the MBE goal and the WBE goal will be considered committed, even though the listing shall include both committed

MBE/WBE subcontractors and additional MBE/WBE subcontractors. Any additional MBE/WBE subcontractor participation above the goal for which letters of intent are received will follow the banking guidelines found elsewhere in this provision. All other additional MBE/WBE subcontractor participation submitted at the time of bid will be used toward the Department's overall race-neutral goals. Only those firms with current MBE and WBE certification at the time of bid opening will be acceptable for listing in the bidder's submittal of MBE and WBE participation. The Contractor shall indicate the following required information:

(A) Electronic Bids

Bidders shall submit a listing of MBE and WBE participation in the appropriate section of Expedite, the bidding software of Bid Express®.

- (1) Submit the names and addresses of MBE and WBE firms identified to participate in the contract. If the bidder uses the updated listing of MBE and WBE firms shown in Expedite, the bidder may use the dropdown menu to access the name and address of the firms.
- (2) Submit the contract line numbers of work to be performed by each MBE and WBE firm. When no figures or firms are entered, the bidder will be considered to have no MBE or WBE participation.
- (3) The bidder shall be responsible for ensuring that the MBE and WBE are certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that MBE's or WBE's participation will not count towards achieving either the MBE or WBE goal.

(B) Paper Bids

Blank forms will not be deemed to represent zero participation. Bids submitted that do not have MBE and WBE participation indicated on the appropriate form will not be read publicly during the opening of bids. The Department will not consider these bids for award and the proposal will be rejected.

- (1) *If either the MBE or WBE goal is more than zero,*
 - (a) Bidders, at the time the bid proposal is submitted, shall submit a listing of MBE/WBE participation, including the names and addresses on *Listing of MBE and WBE Subcontractors* contained elsewhere in the contract documents in order for the bid to be considered responsive. Bidders shall indicate the total dollar value of the MBE and WBE participation for the contract.
 - (b) If bidders have no MBE or WBE participation, they shall indicate this on the *Listing of MBE and WBE Subcontractors* by entering the word "None" or the number "0." This form shall be completed in its entirety.

- (c) The bidder shall be responsible for ensuring that the MBE/WBE is certified at the time of bid by checking the Directory of Transportation Firms. If the firm is not certified at the time of the bid-letting, that MBE's or WBE's participation will not count towards achieving the corresponding goal.
- (2) *If either the MBE or WBE goal is zero*, bidders, at the time the bid proposal is submitted, shall enter the word "None"; or the number "0"; or if there is participation, add the value on the *Listing of MBE and WBE Subcontractors* contained elsewhere in the contract documents.

MBE or WBE Prime Contractor

When a certified MBE or WBE firm bids on a contract that contains MBE and WBE goals, the firm is responsible for meeting the goals or making good faith efforts to meet the goals, just like any other bidder. In most cases, a MBE or WBE bidder on a contract will meet one of the goals by virtue of the work it performs on the contract with its own forces. However, all the work that is performed by the MBE or WBE bidder and any other similarly certified subcontractors will count toward the goal. The MBE or WBE bidder shall list itself along with any MBE or WBE subcontractors, if any, in order to receive credit toward the goals.

For example, on a proposed contract, the WBE goal is 10%, and the MBE goal is 8%. A WBE bidder puts in a bid where they will perform 40% of the contract work and have a WBE subcontractor which will perform another 5% of the work. Together the two WBE firms submit on the *Listing of MBE and WBE Subcontractors* a value of 45% of the contract which fulfills the WBE goal. The 8% MBE goal shall be obtained through MBE participation with MBE certified subcontractors or documented through a good faith effort. It should be noted that you cannot combine the two goals to meet an overall value. The two goals shall remain separate.

MBE/WBE prime contractors shall also follow Sections A and B listed under *Listing of MBE and WBE Subcontractor* just as a non-MBE/WBE bidder would.

Written Documentation – Letter of Intent

The bidder shall submit written documentation for each MBE/WBE that will be used to meet the MBE and WBE goals of the contract, indicating the bidder's commitment to use the MBE/WBE in the contract. This documentation shall be submitted on the Department's form titled *Letter of Intent*.

The documentation shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids, unless the sixth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

If the bidder fails to submit the Letter of Intent from each committed MBE and WBE to be used toward the MBE and WBE goals, or if the form is incomplete (i.e. both signatures are not present), the MBE/WBE participation will not count toward meeting the MBE/WBE goal. If the lack of this participation drops the commitment below either the MBE or WBE goal, the Contractor shall submit evidence of good faith efforts for the goal not met, completed in its entirety, to the State Contractor Utilization Engineer or DBE@ncdot.gov no later than 12:00 noon on the eighth calendar day following opening of bids, unless the eighth day falls on an official state holiday. In that situation, it is due in the office of the State Contractor Utilization Engineer no later than 12:00 noon on the next official state business day.

Submission of Good Faith Effort

If the bidder fails to meet or exceed either the MBE or the WBE goal the apparent lowest responsive bidder shall submit to the Department documentation of adequate good faith efforts made to reach that specific goal(s).

A hard copy and an electronic copy of this information shall be received in the office of the State Contractor Utilization Engineer or at DBE@ncdot.gov no later than 12:00 noon of the sixth calendar day following opening of bids unless the sixth day falls on an official state holiday. In that situation, it would be due in the office of the State Contractor Utilization Engineer the next official state business day. If the contractor cannot send the information electronically, then one complete set and 9 copies of this information shall be received under the same time constraints above.

Note: Where the information submitted includes repetitious solicitation letters, it will be acceptable to submit a representative letter along with a distribution list of the firms that were solicited. Documentation of MBE/WBE quotations shall be a part of the good faith effort submittal. This documentation may include written subcontractor quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

Consideration of Good Faith Effort for Projects with MBE/WBE Goals More Than Zero

Adequate good faith efforts mean that the bidder took all necessary and reasonable steps to achieve the goal which, by their scope, intensity, and appropriateness, could reasonably be expected to obtain sufficient MBE/WBE participation. Adequate good faith efforts also mean that the bidder actively and aggressively sought MBE/WBE participation. Mere *pro forma* efforts are not considered good faith efforts.

The Department will consider the quality, quantity, and intensity of the different kinds of efforts a bidder has made. Listed below are examples of the types of actions a bidder will take in making a good faith effort to meet the goals and are not intended to be exclusive or exhaustive, nor is it intended to be a mandatory checklist.

- (A) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices through the use of the NCDOT Directory of Transportation Firms) the interest of all certified MBEs/WBEs who have the capability to

perform the work of the contract. The bidder must solicit this interest within at least 10 days prior to bid opening to allow the MBEs/WBEs to respond to the solicitation. Solicitation shall provide the opportunity to MBEs/WBEs within the Division and surrounding Divisions where the project is located. The bidder must determine with certainty if the MBEs/WBEs are interested by taking appropriate steps to follow up initial solicitations.

- (B) Selecting portions of the work to be performed by MBEs/WBEs in order to increase the likelihood that the MBE and WBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MBE/WBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
- (C) Providing interested MBEs/WBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (D)
 - (1) Negotiating in good faith with interested MBEs/WBEs. It is the bidder's responsibility to make a portion of the work available to MBE/WBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available MBE/WBE subcontractors and suppliers, so as to facilitate MBE/WBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of MBEs/WBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for MBEs/WBEs to perform the work.
 - (2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including MBE/WBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using MBEs/WBEs is not in itself sufficient reason for a bidder's failure to meet the contract MBE or WBE goals, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Bidding contractors are not, however, required to accept higher quotes from MBEs/WBEs if the price difference is excessive or unreasonable.
- (E) Not rejecting MBEs/WBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The bidder's standing within its industry, membership in specific groups, organizations, or associates and political or social affiliations (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal.

- (F) Making efforts to assist interested MBEs/WBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or bidder.
- (G) Making efforts to assist interested MBEs/WBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (H) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; Federal, State, and local minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of MBEs/WBEs. Contact within 7 days from the bid opening the Business Development Manager in the Business Opportunity and Work Force Development Unit to give notification of the bidder's inability to get MBE or WBE quotes.
- (I) Any other evidence that the bidder submits which shows that the bidder has made reasonable good faith efforts to meet the MBE and WBE goal.

In addition, the Department may take into account the following:

- (1) Whether the bidder's documentation reflects a clear and realistic plan for achieving the MBE and WBE goals.
- (2) The bidders' past performance in meeting the MBE and WBE goals.
- (3) The performance of other bidders in meeting the MBE and WBE goals. For example, when the apparent successful bidder fails to meet the goals, but others meet it, you may reasonably raise the question of whether, with additional reasonable efforts the apparent successful bidder could have met the goals. If the apparent successful bidder fails to meet the MBE and WBE goals, but meets or exceeds the average MBE and WBE participation obtained by other bidders, the Department may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made a good faith effort.

If the Department does not award the contract to the apparent lowest responsive bidder, the Department reserves the right to award the contract to the next lowest responsive bidder that can satisfy to the Department that the MBE and WBE goals can be met or that an adequate good faith effort has been made to meet the MBE and WBE goals.

Non-Good Faith Appeal

The State Contractor Utilization Engineer will notify the contractor verbally and in writing of non-good faith. A contractor may appeal a determination of non-good faith made by the Goal Compliance Committee. If a contractor wishes to appeal the determination made by the Committee, they shall provide written notification to the State Contractual Services Engineer or at DBE@ncdot.gov. The appeal shall be made within 2 business days of notification of the determination of non-good faith.

Counting MBE/WBE Participation Toward Meeting MBE/WBE Goals

(A) Participation

The total dollar value of the participation by a committed MBE/WBE will be counted toward the contract goal requirements. The total dollar value of participation by a committed MBE/WBE will be based upon the value of work actually performed by the MBE/WBE and the actual payments to MBE/WBE firms by the Contractor.

(B) Joint Checks

Prior notification of joint check use shall be required when counting MBE/WBE participation for services or purchases that involves the use of a joint check. Notification shall be through submission of Form JC-1 (*Joint Check Notification Form*) and the use of joint checks shall be in accordance with the Department's Joint Check Procedures.

(C) Subcontracts (Non-Trucking)

A MBE/WBE may enter into subcontracts. Work that a MBE subcontracts to another MBE firm may be counted toward the MBE contract goal requirement. The same holds for work that a WBE subcontracts to another WBE firm. Work that a MBE subcontracts to a non-MBE firm does not count toward the MBE contract goal requirement. Again, the same holds true for the work that a WBE subcontracts to a non-WBE firm. If a MBE or WBE contractor or subcontractor subcontracts a significantly greater portion of the work of the contract than would be expected on the basis of standard industry practices, it shall be presumed that the MBE or WBE is not performing a commercially useful function. The MBE/WBE may present evidence to rebut this presumption to the Department. The Department's decision on the rebuttal of this presumption may be subject to review by the Office of Inspector General, NCDOT.

(D) Joint Venture

When a MBE or WBE performs as a participant in a joint venture, the Contractor may count toward its contract goal requirement a portion of the total value of participation with the MBE or WBE in the joint venture, that portion of the total dollar value being a distinct clearly defined portion of work that the MBE or WBE performs with its forces.

(E) Suppliers

A contractor may count toward its MBE or WBE requirement 60 percent of its expenditures for materials and supplies required to complete the contract and obtained from a MBE or WBE regular dealer and 100 percent of such expenditures from a MBE or WBE manufacturer.

(F) Manufacturers and Regular Dealers

A contractor may count toward its MBE or WBE requirement the following expenditures to MBE/WBE firms that are not manufacturers or regular dealers:

- (1) The fees or commissions charged by a MBE/WBE firm for providing a *bona fide* service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of a DOT-assisted contract, provided the fees or commissions are determined to be reasonable and not excessive as compared with fees and commissions customarily allowed for similar services.**
- (2) With respect to materials or supplies purchased from a MBE/WBE, which is neither a manufacturer nor a regular dealer, count the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site (but not the cost of the materials and supplies themselves), provided the fees are determined to be reasonable and not excessive as compared with fees customarily allowed for similar services.**

Commercially Useful Function

(A) MBE/WBE Utilization

The Contractor may count toward its contract goal requirement only expenditures to MBEs and WBEs that perform a commercially useful function in the work of a contract. A MBE/WBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the MBE/WBE shall also be responsible with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material and installing (where applicable) and paying for the material itself. To determine whether a MBE/WBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the MBE/WBE credit claimed for its performance of the work, and any other relevant factors.

(B) MBE/WBE Utilization in Trucking

The following factors will be used to determine if a MBE or WBE trucking firm is performing a commercially useful function.

- (1) The MBE/WBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and**

there shall not be a contrived arrangement for the purpose of meeting the MBE or WBE goal.

- (2) The MBE/WBE shall itself own and operate at least one fully licensed, insured, and operational truck used on the contract.
- (3) The MBE/WBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers it employs.
- (4) The MBE may subcontract the work to another MBE firm, including an owner-operator who is certified as a MBE. The same holds true that a WBE may subcontract the work to another WBE firm, including an owner-operator who is certified as a WBE. When this occurs, the MBE or WBE who subcontracts work receives credit for the total value of the transportation services the subcontracted MBE or WBE provides on the contract. It should be noted that every effort shall be made by MBE and WBE contractors to subcontract to the same certification (i.e., MBEs to MBEs and WBEs to WBEs), in order to fulfill the goal requirement. This, however, may not always be possible due to the limitation of firms in the area. If the MBE or WBE firm shows a good faith effort has been made to reach out to similarly certified transportation service providers and there is no interest or availability, and they can get assistance from other certified providers, the Engineer will not hold the prime liable for meeting the goal.
- (5) The MBE/WBE may also subcontract the work to a non-MBE/WBE firm, including from an owner-operator. The MBE/WBE who subcontracts the work to a non-MBE/WBE is entitled to credit for the total value of transportation services provided by the non-MBE/WBE subcontractor not to exceed the value of transportation services provided by MBE/WBE-owned trucks on the contract. Additional participation by non-MBE/WBE subcontractors receives credit only for the fee or commission it receives as a result of the subcontract arrangement. The value of services performed under subcontract agreements between the MBE/WBE and the Contractor will not count towards the MBE/WBE contract requirement.
- (6) A MBE/WBE may lease truck(s) from an established equipment leasing business open to the general public. The lease must indicate that the MBE/WBE has exclusive use of and control over the truck. This requirement does not preclude the leased truck from working for others during the term of the lease with the consent of the MBE/WBE, so long as the lease gives the MBE/WBE absolute priority for use of the leased truck. This type of lease may count toward the MBE/WBE's credit as long as the driver is under the MBE/WBE's payroll.

- (7) Subcontracted/leased trucks shall display clearly on the dashboard the name of the MBE/WBE that they are subcontracted/leased to and their own company name if it is not identified on the truck itself. Magnetic door signs are not permitted.

Banking MBE/WBE Credit

If the bid of the lowest responsive bidder exceeds \$500,000 and if the committed MBE/WBE participation submitted by Letter of Intent exceeds the algebraic sum of the MBE or WBE goal by \$1,000 or more, the excess will be placed on deposit by the Department for future use by the bidder. Separate accounts will be maintained for MBE and WBE participation and these may accumulate for a period not to exceed 24 months.

When the apparent lowest responsive bidder fails to submit sufficient participation by MBE firms to meet the contract goal, as part of the good faith effort, the Department will consider allowing the bidder to withdraw funds to meet the MBE goal as long as there are adequate funds available from the bidder's MBE bank account.

When the apparent lowest responsive bidder fails to submit sufficient participation by WBE firms to meet the contract goal, as part of the good faith effort, the Department will consider allowing the bidder to withdraw funds to meet the WBE goal as long as there are adequate funds available from the bidder's WBE bank account.

MBE/WBE Replacement

When a Contractor has relied on a commitment to a MBE or WBE firm (or an approved substitute MBE or WBE firm) to meet all or part of a contract goal requirement, the contractor shall not terminate the MBE/WBE for convenience. This includes, but is not limited to, instances in which the Contractor seeks to perform the work of the terminated subcontractor with another MBE/WBE subcontractor, a non-MBE/WBE subcontractor, or with the Contractor's own forces or those of an affiliate. A MBE/WBE may only be terminated after receiving the Engineer's written approval based upon a finding of good cause for the termination.

All requests for replacement of a committed MBE/WBE firm shall be submitted to the Engineer for approval on Form RF-1 (*Replacement Request*). If the Contractor fails to follow this procedure, the Contractor may be disqualified from further bidding for a period of up to 6 months.

The Contractor shall comply with the following for replacement of a committed MBE/WBE:

(A) Performance Related Replacement

When a committed MBE is terminated for good cause as stated above, an additional MBE that was submitted at the time of bid may be used to fulfill the MBE commitment. The same holds true if a committed WBE is terminated for good cause, an additional WBE that was submitted at the time of bid may be used to fulfill the WBE goal. A good faith effort will only be required for removing a committed MBE/WBE if there were no

additional MBEs/WBEs submitted at the time of bid to cover the same amount of work as the MBE/WBE that was terminated.

If a replacement MBE/WBE is not found that can perform at least the same amount of work as the terminated MBE/WBE, the Contractor shall submit a good faith effort documenting the steps taken. Such documentation shall include, but not be limited to, the following:

- (1) Copies of written notification to MBEs/WBEs that their interest is solicited in contracting the work defaulted by the previous MBE/WBE or in subcontracting other items of work in the contract.
- (2) Efforts to negotiate with MBEs/WBEs for specific subbids including, at a minimum:
 - (a) The names, addresses, and telephone numbers of MBEs/WBEs who were contacted.
 - (b) A description of the information provided to MBEs/WBEs regarding the plans and specifications for portions of the work to be performed.
- (3) A list of reasons why MBE/WBE quotes were not accepted.
- (4) Efforts made to assist the MBEs/WBEs contacted, if needed, in obtaining bonding or insurance required by the Contractor.

(B) Decertification Replacement

- (1) When a committed MBE/WBE is decertified by the Department after the SAF (*Subcontract Approval Form*) has been received by the Department, the Department will not require the Contractor to solicit replacement MBE/WBE participation equal to the remaining work to be performed by the decertified firm. The participation equal to the remaining work performed by the decertified firm will count toward the contract goal requirement.
- (2) When a committed MBE/WBE is decertified prior to the Department receiving the SAF (*Subcontract Approval Form*) for the named MBE/WBE firm, the Contractor shall take all necessary and reasonable steps to replace the MBE/WBE subcontractor with another similarly certified MBE/WBE subcontractor to perform at least the same amount of work to meet the MBE/WBE goal requirement. If a MBE/WBE firm is not found to do the same amount of work, a good faith effort must be submitted to NCDOT (see A herein for required documentation).

Changes in the Work

When the Engineer makes changes that result in the reduction or elimination of work to be performed by a committed MBE/WBE, the Contractor will not be required to seek additional participation. When the Engineer makes changes that result in additional work to be performed by a MBE/WBE based upon the Contractor's commitment, the MBE/WBE shall participate in additional work to the same extent as the MBE/WBE participated in the original contract work.

When the Engineer makes changes that result in extra work, which has more than a minimal impact on the contract amount, the Contractor shall seek additional participation by MBEs/WBEs unless otherwise approved by the Engineer.

When the Engineer makes changes that result in an alteration of plans or details of construction, and a portion or all of the work had been expected to be performed by a committed MBE/WBE, the Contractor shall seek participation by MBEs/WBEs unless otherwise approved by the Engineer.

When the Contractor requests changes in the work that result in the reduction or elimination of work that the Contractor committed to be performed by a MBE/WBE, the Contractor shall seek additional participation by MBEs/WBEs equal to the reduced MBE/WBE participation caused by the changes.

Reports and Documentation

A SAF (*Subcontract Approval Form*) shall be submitted for all work which is to be performed by a MBE/WBE subcontractor. The Department reserves the right to require copies of actual subcontract agreements involving MBE/WBE subcontractors.

When using transportation services to meet the contract commitment, the Contractor shall submit a proposed trucking plan in addition to the SAF. The plan shall be submitted prior to beginning construction on the project. The plan shall include the names of all trucking firms proposed for use, their certification type(s), the number of trucks owned by the firm, as well as the individual truck identification numbers, and the line item(s) being performed.

Within 30 calendar days of entering into an agreement with a MBE/WBE for materials, supplies or services, not otherwise documented by the SAF as specified above, the Contractor shall furnish the Engineer a copy of the agreement. The documentation shall also indicate the percentage (60% or 100%) of expenditures claimed for MBE/WBE credit.

Reporting Minority and Women Business Enterprise Participation

The Contractor shall provide the Engineer with an accounting of payments made to all MBE and WBE firms, including material suppliers and contractors at all levels (prime, subcontractor, or second tier subcontractor). This accounting shall be furnished to the Engineer for any given month by the end of the following month. Failure to submit this information accordingly may result in the following action:

- (A) Withholding of money due in the next partial pay estimate; or
- (B) Removal of an approved contractor from the prequalified bidders' list or the removal of other entities from the approved subcontractors list.

While each contractor (prime, subcontractor, 2nd tier subcontractor) is responsible for accurate accounting of payments to MBEs/WBEs, it shall be the prime contractor's responsibility to report all monthly and final payment information in the correct reporting manner.

Failure on the part of the Contractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from further bidding until the required information is submitted.

Failure on the part of any subcontractor to submit the required information in the time frame specified may result in the disqualification of that contractor and any affiliate companies from being approved for work on future DOT projects until the required information is submitted.

Contractors reporting transportation services provided by non-MBE/WBE lessees shall evaluate the value of services provided during the month of the reporting period only.

At any time, the Engineer can request written verification of subcontractor payments.

(A) Electronic Bids Reporting

The Contractor shall report the accounting of payments through the Department's Payment Tracking System.

(B) Paper Bids Reporting

The Contractor shall report the accounting of payments on the Department's DBE-IS (*Subcontractor Payment Information*) with each invoice. Invoices will not be processed for payment until the DBE-IS is received.

Failure to Meet Contract Requirements

Failure to meet contract requirements in accordance with Subarticle 102-16(J) of the *2006 Standard Specifications* may be cause to disqualify the Contractor from further bidding for a specified length of time.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

May 24, 2011

Notice To: All Prequalified Contractors

From: R.A. Garris, P.E. 
State Contract Officer

Subject: Directory of Transportation Firms

The NCDOT has updated its Transportation Directory to include additional items such as the SBE work codes, engineering disciplines, queries based on the physical address, and other reporting options. With the update, a new web address was created for the Directory. The old Directory address is still working, but we encourage the use of the new Directory for your outreach efforts. The new Directory address is <https://partner.ncdot.gov/VendorDirectory/default.html>.

If you have any problems or have questions regarding the Directory please contact Mr. Mickey Biedell at 919-733-7174.

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

TELEPHONE: 919-707-6900
FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG

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

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON APRIL 17, 2012. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<http://www.ncdot.gov/doh/preconstruct/ps/contracts/letting.html>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS MARCH 20, 2012.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	John W Rouse, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Richard W Hancock, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

Bid Letting Number L120417

RPN	Contract Id	WBS	County	Length	JobType
001	C202816	45155.3.1	ONSLOW	0.780 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
002	C202994	17BP.4.P.2	HALIFAX, NORTHAMPTON, NASH	0.000 MI	BRIDGE PRESERVATION.
003	C202989	17BP.5.H.1	WAKE	0.000 MI	BRIDGE PRESERVATION.
004	C202995	17BP.5.P.4	GRANVILLE, DURHAM	0.000 MI	BRIDGE PRESERVATION
005	C202813	38474.3.1	WAKE	0.294 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
006	C202992	47051.3.2	WAKE	0.220 MI	BRIDGE PRESERVATION.
007	C202946	45336.3.3	BLADEN	0.900 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND SIGNING.
008	C202993	17BP.9.P.1	FORSYTH	0.000 MI	BRIDGE PERSERVATION.
009	C202738	33731.3.1	DAVIDSON	0.155 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C202812	38395.3.1	FORSYTH	0.520 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
011	C202991	17BP.10.P.3	MECKLENBURG	0.000 MI	BRIDGE PERSERVATION.
012	C202776	33547.3.1	MECKLENBURG	0.109 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
013	C203001	10CR.10601.66 ET	MECKLENBURG	19.190 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
014	C203002	10CR.10601.71 ET	MECKLENBURG	27.650 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
015	C202811	33685.3.1	ALLEGHANY	0.134 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C202986	17BP.12.P.4	CLEVELAND, LINCOLN, GASTON	0.000 MI	BRIDGE PRESERVATION.
017	C202809	33412.3.1	BURKE	0.251 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
018	C202815	34832.3.1	BURKE	2.218 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.
019	C202997	17BP.14.P.5	GRAHAM, CHEROKEE	0.000 MI	BRIDGE PRESERVATION
020	C202998	17BP.14.P.8	GRAHAM	0.000 MI	BRIDGE PRESERVATION.
021	C202262	33630.3.1	TRANSYLVANIA	0.231 MI	GRADING, DRAINAGE, PAVING AND STRUCTURE.
022	C203043	14CR.10441.9 ETC	HAYWOOD, TRANSYLVANIA	12.700 MI	RESURFACING.
023	C203007	14CR.10561.7 ETC	MACON	14.390 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120417 001

CONTRACT ID : C202816 45155.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.780 MI

COUNTY : ONSLOW

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : DEC 12 2014

NC-24 (LEJEUNE BLVD) INTERCHANGE BETWEEN SR-1308 AND US-17 BYPASS.

ROADWAY ITEMS					
			84	CY	SUBDRAIN FINE AGGREGATE
			500	LF	6" PERFORATED SUBDRAIN PIPE
			1	EA	SUBDRAIN PIPE OUTLET
			6	LF	6" OUTLET PIPE
			1.5	CY	ENDWALLS
			0.8	CY	PIPE COLLARS
			1	CY	PIPE PLUGS
			30	CY	FLOWABLE FILL
			95	EA	MASONRY DRAINAGE STRUCTURES
			39.27	LF	MASONRY DRAINAGE STRUCTURES
			15	EA	FRAME WITH TWO GRATES, STD 840.16
			9	EA	FRAME WITH TWO GRATES, STD 840.20
			3	EA	FRAME WITH TWO GRATES, STD 840.22
			4	EA	FRAME WITH TWO GRATES, STD 840.24
			6	EA	FRAME WITH TWO GRATES, STD 840.29
			12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
			22	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			760	LF	**'-**'" CONCRETE CURB & GUTTER (2'-9")
			9,080	LF	2'-6" CONCRETE CURB & GUTTER
			354	LF	SHOULDER BERM GUTTER
			720	SY	4" CONCRETE SIDEWALK
			8	EA	CONCRETE CURB RAMP
			2,060	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1,148	LF	CONCRETE BARRIER, TYPE ***** (T2)
			463	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			16	EA	ADJUSTMENT OF DROP INLETS
			2	EA	ADJUSTMENT OF MANHOLES
			1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
			3	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
			3	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			5,537.5	LF	STEEL BM GUARDRAIL
			25	LF	STEEL BM GUARDRAIL, SHOP CURVED
			27	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			12	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			21	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			14	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
			3,096	LF	REMOVE EXISTING GUARDRAIL
			1,840	LF	WOVEN WIRE FENCE, 47" FABRIC
			110	EA	4" TIMBER FENCE POSTS, ***** LONG (5')
			50	EA	5" TIMBER FENCE POSTS, ***** LONG (5')
			1,200	LF	CHAIN LINK FENCE, 48" FABRIC
			101	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
6	EA	GENERIC MISCELLANEOUS ITEM REMOVABLE BOLLARDS			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+82.85)			
3,500	CY	UNDERCUT EXCAVATION			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
Lump Sum	LS	GRADING			
81,900	CY	BORROW EXCAVATION			
190	CY	DRAINAGE DITCH EXCAVATION			
150	CY	SELECT GRANULAR MATERIAL			
2,400	SY	GEOTEXTILE FOR SOIL STABILIZATION			
1,700	SF	TEMPORARY SHORING			
1,360	SY	ROCK PLATING			
100	TON	GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL			
1,073	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
3,380	SY	FOUNDATION CONDITIONING GEOTEXTILE			
308	LF	***" SIDE DRAIN PIPE (30")			
28	LF	***" SIDE DRAIN PIPE (36")			
1,600	LF	15" SIDE DRAIN PIPE			
352	LF	18" SIDE DRAIN PIPE			
160	LF	24" SIDE DRAIN PIPE			
16	EA	***" SIDE DRAIN PIPE ELBOWS (15")			
28	LF	15" RC PIPE CULVERTS, CLASS III			
112	LF	18" RC PIPE CULVERTS, CLASS III			
92	LF	24" RC PIPE CULVERTS, CLASS III			
2,084	LF	15" RC PIPE CULVERTS, CLASS IV			
588	LF	18" RC PIPE CULVERTS, CLASS IV			
448	LF	24" RC PIPE CULVERTS, CLASS IV			
1,004	LF	30" RC PIPE CULVERTS, CLASS IV			
1	EA	***" PIPE END SECTION (15")			
2	EA	***" PIPE END SECTION (18")			
1	EA	***" PIPE END SECTION (24")			
3,538	LF	PIPE REMOVAL			
10	EA	PIPE CLEAN-OUT			
300	CY	SHALLOW UNDERCUT			
600	TON	CLASS IV SUBGRADE STABILIZATION			
12,911	TON	AGGREGATE BASE COURSE			
500	TON	INCIDENTAL STONE BASE			
1,971	GAL	PRIME COAT			
6,960	SY	MILLING ASPHALT PAVEMENT, ****" DEPTH (3")			
15,360	SY	INCIDENTAL MILLING			
13,440	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
3,650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
8,860	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
4,420	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
14,230	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
2,300	TON	ASPHALT BINDER FOR PLANT MIX			
500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
112	CY	SUBDRAIN EXCAVATION			

			106	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			182,816	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	9,448	LF	PAINT PAVEMENT MARKING LINES (8")
1	EA	SINGLE GATES, *** HIGH, *** WIDE, ** OPENING (48", 12', 12')	1,744	LF	PAINT PAVEMENT MARKING LINES (24")
13	TON	RIP RAP, CLASS I	128	EA	PAINT PAVEMENT MARKING CHARACTER
60	TON	RIP RAP, CLASS B	316	EA	PAINT PAVEMENT MARKING SYMBOL
850	SY	GEOTEXTILE FOR DRAINAGE	795	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
2,933.7	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)	2,100	LF	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING LINES (4")
622.8	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	207	EA	PERMANENT RAISED PAVEMENT MARKERS
27	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)	597	EA	SNOWPLOWABLE PAVEMENT MARKERS
6	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	3	EA	80' HIGH MOUNT STANDARD
93	CY	OVERHEAD FOOTING	1	EA	100' HIGH MOUNT STANDARD
1,417	LB	SUPPORTS, BREAKAWAY STEEL BEAM	1	EA	PORTABLE DRIVE UNIT
2,056	LB	SUPPORTS, SIMPLE STEEL BEAM	24	CY	HIGH MOUNT FOUNDATIONS
1,434.7	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	24	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)
1	EA	SUPPORTS, BARRIER (LARGE)	6	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (11+04 -NBL-)	10	EA	STANDARD FOUNDATION ***** (TYPE R2)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (15+00 -L-)	1	EA	ELECTRIC SERVICE POLE **** (30' CLASS 4)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (15+00 -RPB-)	100	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (21+00 -LWB-)	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (480/240 VOLT)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (24+24 -NBL-)	360	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (32+15 -L-)	120	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
103	EA	SIGN ERECTION, TYPE E	45	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")
1	EA	SIGN ERECTION, TYPE F	160	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1,150	LF	** #8 W/G FEEDER CIRCUIT (2)
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	1,600	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5" C)
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	8	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	1	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)
1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD	9	CY	GENERIC LIGHTING ITEM CONCRETE DUCTBANK
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	200	LF	GENERIC LIGHTING ITEM DUCTBANK CONDUIT
51	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3,500	LF	GENERIC LIGHTING ITEM SINGLE ARM FEEDER CIRCUIT CONDUIT SYSTEM
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD	10	EA	GENERIC LIGHTING ITEM LED LUMINAIRE
4	EA	DISPOSAL OF SUPPORT, U-CHANNEL	10	EA	GENERIC LIGHTING ITEM ROADWAY LIGHT STANDARD
872	SF	WORK ZONE SIGNS (STATIONARY)	126	LF	6" WATER LINE
192	SF	WORK ZONE SIGNS (PORTABLE)	823	LF	8" WATER LINE
193	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	2,289	LF	12" WATER LINE
2	EA	FLASHING ARROW BOARD	4	EA	6" VALVE
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	15	EA	12" TAPPING VALVE
200	EA	DRUMS	3	EA	RELOCATE WATER METER
85	EA	CONES	2	EA	RECONNECT WATER METER
64	LF	BARRICADES (TYPE III)	6	EA	RELOCATE FIRE HYDRANT
320	DAY	FLAGGER	766	LF	ABANDON 8" UTILITY PIPE
4	EA	TEMPORARY CRASH CUSHIONS	1,797	LF	ABANDON 12" UTILITY PIPE
2	EA	TMA	3	EA	REMOVE WATER METER
1,590	LF	PORTABLE CONCRETE BARRIER	20,000	LF	TEMPORARY SILT FENCE
80	HR	LAW ENFORCEMENT	850	TON	STONE FOR EROSION CONTROL, CLASS A
658	EA	TEMPORARY RAISED PAVEMENT MARKERS	1,520	TON	STONE FOR EROSION CONTROL, CLASS B
24,660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	2,310	TON	SEDIMENT CONTROL STONE
22,241	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	28	ACR	TEMPORARY MULCHING
2,222	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	800	LB	SEED FOR TEMPORARY SEEDING
140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	3.25	TON	FERTILIZER FOR TEMPORARY SEEDING
436	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	1,000	LF	TEMPORARY SLOPE DRAINS
74	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	800	LF	SAFETY FENCE
			1,610	CY	SILT EXCAVATION

WALL ITEMS

5,850	SY	MATting FOR EROSION CONTROL	640	SF	GENERIC RETAINING WALL ITEM
50	SY	COIR FIBER MAT			MSE RETAINING WALLS (-RPB-)
165	SY	PERMANENT SOIL REINFORCEMENT MAT			

STRUCTURE ITEMS

7,700	LF	1/4" HARDWARE CLOTH	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
15	SY	FLOATING TURBIDITY CURTAIN			** AT STATION *****
240	CY	STILLING BASINS			(1,31+48.82-L-)
1	EA	SPECIAL STILLING BASINS	2	EA	PDA TESTING
4,500	LF	COIR FIBER WATTLE	10,426	SF	REINFORCED CONCRETE DECK SLAB
1,900	LB	POLYACRYLAMIDE (PAM)	11,272	SF	GROOVING BRIDGE FLOORS
1,280	LF	COIR FIBER BAFFLE	152.2	CY	CLASS A CONCRETE (BRIDGE)
4	EA	*** SKIMMER (1-1/2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *****
27	ACR	SEEDING & MULCHING			(31+48.82-L-)
15	ACR	MOWING	31,827	LB	REINFORCING STEEL (BRIDGE)
350	LB	SEED FOR REPAIR SEEDING	1,652	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1.25	TON	FERTILIZER FOR REPAIR SEEDING	1,433	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
675	LB	SEED FOR SUPPLEMENTAL SEEDING	1,162	LF	45" PRESTRESSED CONCRETE GIR- DERS
20	TON	FERTILIZER TOPDRESSING	1,560	LF	HP12X53 STEEL PILES
75	LF	IMPERVIOUS DIKE	1,400	LF	HP14X73 STEEL PILES
25	MHR	SPECIALIZED HAND MOWING	292.67	LF	CONCRETE BARRIER RAIL
100	EA	RESPONSE FOR EROSION CONTROL	31	SY	4" SLOPE PROTECTION
340	CY	CULVERT DIVERSION CHANNEL	Lump Sum	LS	ELASTOMERIC BEARINGS
4	ACR	REFORESTATION	5,600	SF	GENERIC RETAINING WALL ITEM
4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			MSE RETAINING WALLS (END BENTS)
3,210	LF	SIGNAL CABLE			
27	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
690	LF	MESSENGER CABLE (3/8")			
400	LF	PAVED TRENCHING (***** (1, 2")			
1,125	LF	UNPAVED TRENCHING (***** (1, 2")			
570	LF	DIRECTIONAL DRILL (***** (1, 2")			
14	EA	JUNCTION BOX (STANDARD SIZE)			
5	EA	JUNCTION BOX (OVER-SIZED, HEA-VY DUTY)			
3	EA	1" RISER WITH WEATHERHEAD			
3,035	LF	INDUCTIVE LOOP SAWCUT			
9,050	LF	LEAD-IN CABLE (***** (14-2)			
1	EA	SITE SURVEY			
5	EA	LUMINAIRE ARM FOR VIDEO SYSTEM			
5	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT			
5	EA	EXTERNAL LOOP EMULATOR PRO-CESSING UNIT			
2	EA	RELOCATE CAMERA SENSOR UNIT			
4	EA	METAL STRAIN SIGNAL POLE			
1	EA	METAL POLE WITH SINGLE MAST ARM			
2	EA	METAL POLE WITH DUAL MAST ARM			
7	EA	SOIL TEST			
54	CY	DRILLED PIER FOUNDATION			
3	EA	FOUNDATION WITH WING WALLS (TYPE 1)			
3	EA	MAST ARM WITH METAL POLE DE-SIGN			
4	EA	TYPE I POST WITH FOUNDATION			
2	EA	TYPE II PEDESTAL WITH FOUND-ATION			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
13	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CABINET BASE EXTENDER			
1	EA	METAL POLE FOUNDATION REMOVAL			
1	EA	METAL POLE REMOVAL			

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (17+83.00-Y2-)
115	TON	FOUNDATION CONDITIONING MATER-IAL, BOX CULVERT
277.2	CY	CLASS A CONCRETE (CULVERT)
51,417	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 002

CONTRACT ID : C202994 17BP.4.P.2

DIV OFFICE WILSON

LENGTH = 0.000 MI

COUNTY : HALIFAX, NORTHAMPTON, NASH

BRIDGE PRESERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRG# 222, 223, 12, 13, 11, 9, 139, 141, 64, 107, 49, 67, 88, 105, 41, 55, & 43 ON I-95 & VARIOUS NC & SR ROUTES.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,298	SY	INCIDENTAL MILLING
88	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
96	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
217	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX
400	SF	WORK ZONE SIGNS (STATIONARY)
532	SF	WORK ZONE SIGNS (PORTABLE)
10	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
320	EA	DRUMS
50	EA	CONES
24	LF	BARRICADES (TYPE III)
80	DAY	FLAGGER
3	EA	TMA
60	HR	LAW ENFORCEMENT
320	EA	SKINNY DRUM
14,160	LF	PAINT PAVEMENT MARKING LINES (4")
2,972	LF	PAINT PAVEMENT MARKING LINES (6")
8,840	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,972	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
60	EA	PERMANENT RAISED PAVEMENT MARKERS
69,687	SF	GROOVING BRIDGE FLOORS
180	LB	REINFORCING STEEL (BRIDGE)
8	CF	CONCRETE REPAIRS
134.5	CF	SHOTCRETE REPAIRS
709	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
350	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
3,350	SF	GENERIC STRUCTURE ITEM CLASS II CONCRETE DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
163,008	SF	GENERIC STRUCTURE ITEM PLACEMENT OF CRACK/DECK SEALER
31,834	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
8,612	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
8,612	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
8,612	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 003

CONTRACT ID : C202989 17BP.5.H.1

DIV OFFICE DURHAM

LENGTH = 0.000 MI

COUNTY : WAKE

BRIDGE PRESERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #7 ON BUFFALO RD, #169 & 170 ON US-64 BUS, #200 ON FAIRVIEW RD, AND #213 ON WADE AVE.FAIRVIEW RD, AND #213 ON W

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,992	SY	INCIDENTAL MILLING
222	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
37	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
132	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
25	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	GENERIC GUARDRAIL ITEM REMOVAL & REPLACEMENT OF STEEL GUARDRAIL
136	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
45	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
50	EA	DRUMS
30	EA	CONES
40	LF	BARRICADES (TYPE III)
60	DAY	FLAGGER
1	EA	TMA
640	HR	LAW ENFORCEMENT
50	EA	SKINNY DRUM
17,584	LF	PAINT PAVEMENT MARKING LINES (4")
33	EA	PERMANENT RAISED PAVEMENT MARKERS
215	LF	TEMPORARY SILT FENCE
5	TON	SEDIMENT CONTROL STONE
6	CY	SILT EXCAVATION
70	LF	1/4" HARDWARE CLOTH
31,535	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	POLLUTION CONTROL
63	CF	CONCRETE REPAIRS
1,100	CF	SHOTCRETE REPAIRS
38	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #200
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY SUPPORTS
285	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
47	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVERLAY
4,023	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
623	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY
3,400	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
4,023	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 004

CONTRACT ID : C202995 17BP.5.P.4

DIV OFFICE DURHAM

LENGTH = 0.000 MI

COUNTY : GRANVILLE, DURHAM

BRIDGE PRESERVATION

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRG# 195 SR-1675, 16 US-15, 35 US-158, 43 SR-1103, 44 NC-96, 45 NC-56, 50 SR-1127, 54 SR-1135, 57 SR-1192 & 193 SR-1671.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,190	SY	INCIDENTAL MILLING
482.9	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX
240	SF	WORK ZONE SIGNS (STATIONARY)
856	SF	WORK ZONE SIGNS (PORTABLE)
58	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
125	EA	DRUMS
50	EA	CONES
80	LF	BARRICADES (TYPE III)
40	DAY	FLAGGER
3	EA	TMA
320	HR	LAW ENFORCEMENT
125	EA	SKINNY DRUM
8	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
9	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
6	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
14,000	LF	PAINT PAVEMENT MARKING LINES (4")
16	EA	PAINT PAVEMENT MARKING CHARACTER
15	EA	PAINT PAVEMENT MARKING SYMBOL
14,000	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
57	EA	PERMANENT RAISED PAVEMENT MARKERS
66,953	SF	GROOVING BRIDGE FLOORS
6,400	LB	REINFORCING STEEL (BRIDGE)
67	CF	CONCRETE REPAIRS
267	CF	SHOTCRETE REPAIRS
227	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARING PLATES
371	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY VERY EARLY STRENGTH
3,432	LB	GENERIC STRUCTURE ITEM BEAM REPAIR
1,056	SF	GENERIC STRUCTURE ITEM CLASS II CONCRETE DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
9,503	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
8,333	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
8,333	SY	GENERIC STRUCTURE ITEM PLACE & FINISH LATEX MOD CONC OVERLAY VERY EARLY STRENGTH
8,333	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
41	EA	GENERIC STRUCTURE ITEM BEARING REPLACEMENT IN KIND

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L120417 005****CONTRACT ID : C202813 38474.3.1****DIV OFFICE DURHAM****LENGTH = 0.294 MI****COUNTY : WAKE****GRADING, DRAINAGE, PAVING, AND STRUCTURE.****DBE GOAL 11.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****BRIDGE OVER WHITE OAK CREEK AND APPROACHES ON SR-1600.**

ROADWAY ITEMS					
			1,853	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			2,540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	MOBILIZATION	840	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM BOARDWALK	16	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+02.50)	3,000	LF	TEMPORARY SILT FENCE
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	225	TON	STONE FOR EROSION CONTROL, CLASS A
300	CY	UNDERCUT EXCAVATION	400	TON	STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	GRADING	685	TON	SEDIMENT CONTROL STONE
21,400	CY	BORROW EXCAVATION	5	ACR	TEMPORARY MULCHING
820	CY	DRAINAGE DITCH EXCAVATION	200	LB	SEED FOR TEMPORARY SEEDING
300	CY	SELECT GRANULAR MATERIAL	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
400	SY	GEOTEXTILE FOR SOIL STABILIZATION	500	LF	TEMPORARY SLOPE DRAINS
22	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,100	LF	SAFETY FENCE
70	SY	FOUNDATION CONDITIONING GEOTEXTILE	710	CY	SILT EXCAVATION
24	LF	30" DRAINAGE PIPE	6,000	SY	MATTING FOR EROSION CONTROL
112	LF	**** RC PIPE CULVERTS, CLASS ***** (15", V)	20	SY	COIR FIBER MAT
68	LF	15" CS PIPE CULVERTS, 0.064" THICK	30	SY	PERMANENT SOIL REINFORCEMENT MAT
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	680	LF	1/4" HARDWARE CLOTH
46	LF	PIPE REMOVAL	175	SY	FLOATING TURBIDITY CURTAIN
1	EA	PIPE CLEAN-OUT	18	EA	SPECIAL STILLING BASINS
100	TON	INCIDENTAL STONE BASE	200	LF	WATTLE
1,170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	60	LB	POLYACRYLAMIDE (PAM)
970	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	255	LF	COIR FIBER BAFFLE
710	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	EA	** SKIMMER (1-1/2")
145	TON	ASPHALT BINDER FOR PLANT MIX	5	ACR	SEEDING & MULCHING
20	EA	RIGHT OF WAY MARKERS	3	ACR	MOWING
22.4	CY	SUBDRAIN EXCAVATION	50	LB	SEED FOR REPAIR SEEDING
16.8	CY	SUBDRAIN FINE AGGREGATE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LF	6" PERFORATED SUBDRAIN PIPE	150	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	SUBDRAIN PIPE OUTLET	4.25	TON	FERTILIZER TOPDRESSING
6	LF	6" OUTLET PIPE	10	MHR	SPECIALIZED HAND MOWING
4	EA	MASONRY DRAINAGE STRUCTURES	18	EA	RESPONSE FOR EROSION CONTROL
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	0.25	ACR	REFORESTATION
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2	ACR	GENERIC EROSION CONTROL ITEM COMPOST BLANKET
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	STRUCTURE ITEMS		
650	LF	2'-6" CONCRETE CURB & GUTTER	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+00.00-L-)
580	SY	4" CONCRETE SIDEWALK	168.5	LF	3'-6" DIA DRILLED PIERS IN SOIL
1,050	LF	STEEL BM GUARDRAIL	70	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
5	EA	ADDITIONAL GUARDRAIL POSTS	102	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	1	EA	SID INSPECTIONS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1	EA	CSL TESTING
500	LF	GENERIC FENCING ITEM SAFETY RAIL	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+00.00-L-)
310	TON	RIP RAP, CLASS II	12,502	SF	REINFORCED CONCRETE DECK SLAB
500	TON	RIP RAP, CLASS B	9,342	SF	GROOVING BRIDGE FLOORS
3,580	SY	GEOTEXTILE FOR DRAINAGE	160.8	CY	CLASS A CONCRETE (BRIDGE)
93	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+00.00-L-)
2	EA	SIGN ERECTION, TYPE D	41,378	LB	REINFORCING STEEL (BRIDGE)
2	EA	SIGN ERECTION, TYPE E	6,473	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	586.6	LF	45" PRESTRESSED CONCRETE GIR-DERS
487	SF	WORK ZONE SIGNS (STATIONARY)	786.59	LF	54" PRESTRESSED CONCRETE GIR-DERS
88	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	320	LF	HP12X53 STEEL PILES
104	LF	BARRICADES (TYPE III)			

539.44	LF	TWO BAR METAL RAIL
279.92	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
274.69	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 3'-0")
326.13	LF	1'-**"X ***** CONCRETE PARA- PET (1'-4" X 3'-0")
725	TON	RIP RAP CLASS II (2'-0" THICK)
810	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
318.63	LF	GENERIC STRUCTURE ITEM DOUBLE-FACED TWO-BAR METAL RAI L

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L120417 006****CONTRACT ID : C202992 47051.3.2****DIV OFFICE DURHAM****LENGTH = 0.220 MI****COUNTY : WAKE****BRIDGE PRESERVATION.****DBE GOAL 0.0% COMPLETION DATE : MAR 31 2013****BRIDGES #155 AND 156 ON US-64 AND #282 AND 284 ON I-440.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
144	SF	WORK ZONE SIGNS (STATIONARY)
612	SF	WORK ZONE SIGNS (PORTABLE)
22	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
140	EA	DRUMS
40	LF	BARRICADES (TYPE III)
6	EA	TMA
640	HR	LAW ENFORCEMENT
140	EA	SKINNY DRUM
8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)
6	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
1,293	LF	PAINT PAVEMENT MARKING LINES (4")
1,926	LF	PAINT PAVEMENT MARKING LINES (6")
8	EA	PAINT PAVEMENT MARKING CHARACTER
6	EA	PAINT PAVEMENT MARKING SYMBOL
1,293	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,926	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
44	EA	PERMANENT RAISED PAVEMENT MARKERS
65,968	SF	GROOVING BRIDGE FLOORS
90	LB	REINFORCING STEEL (BRIDGE)
27	CF	CONCRETE REPAIRS
23	CF	SHOTCRETE REPAIRS
131	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
330	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
7,856	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
7,856	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
7,856	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L120417 007****CONTRACT ID : C202946 45336.3.3****DIV OFFICE FAYETTEVILLE****LENGTH = 0.900 MI****COUNTY : BLADEN****GRADING, DRAINAGE, PAVING, SIGNALS, AND SIGNING.****DBE GOAL 12.0% COMPLETION DATE : APR 13 2013****NC-87 BYPASS AT THE TWO INTERSECTIONS WITH SR-1155 (CROMARTIE RD) AND NC-87 BUS/NC-41.**

ROADWAY ITEMS					
			64	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW BOARD
			2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
Lump Sum	LS	MOBILIZATION	300	EA	DRUMS
Lump Sum	LS	CONSTRUCTION SURVEYING	40	EA	CONES
Lump Sum	LS	GRADING	64	LF	BARRICADES (TYPE III)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	32	DAY	FLAGGER
5,000	SY	GEOTEXTILE FOR SOIL STABILIZATION	2	EA	TMA
110	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	20	HR	LAW ENFORCEMENT
340	SY	FOUNDATION CONDITIONING GEOTEXTILE	200	EA	TEMPORARY RAISED PAVEMENT MARKERS
440	LF	15" RC PIPE CULVERTS, CLASS III	22,367	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
12	LF	18" RC PIPE CULVERTS, CLASS III	3,929	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
12	LF	24" RC PIPE CULVERTS, CLASS III	5,998	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
28	LF	30" RC PIPE CULVERTS, CLASS III	30	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
520	LF	15" RC PIPE CULVERTS, CLASS IV	8,940	LF	PAINT PAVEMENT MARKING LINES (4")
8	LF	PIPE REMOVAL	3,200	LF	PAINT PAVEMENT MARKING LINES (8")
1,000	CY	SHALLOW UNDERCUT	30	EA	PAINT PAVEMENT MARKING SYMBOL
2,000	TON	CLASS IV SUBGRADE STABILIZATION	700	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
100	TON	INCIDENTAL STONE BASE	4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
3,350	SY	INCIDENTAL MILLING	609	EA	PERMANENT RAISED PAVEMENT MARKERS
4,875	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	6,910	LF	TEMPORARY SILT FENCE
3,400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	50	TON	STONE FOR EROSION CONTROL, CLASS A
5,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	95	TON	STONE FOR EROSION CONTROL, CLASS B
700	TON	ASPHALT BINDER FOR PLANT MIX	350	TON	SEDIMENT CONTROL STONE
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	11	ACR	TEMPORARY MULCHING
2	CY	PIPE COLLARS	450	LB	SEED FOR TEMPORARY SEEDING
15	EA	MASONRY DRAINAGE STRUCTURES	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
1	LF	MASONRY DRAINAGE STRUCTURES	155	CY	SILT EXCAVATION
7	EA	FRAME WITH TWO GRATES, STD 840.16	3,800	SY	MATTING FOR EROSION CONTROL
7	EA	FRAME WITH TWO GRATES, STD 840.22	160	SY	PERMANENT SOIL REINFORCEMENT MAT
4	EA	FRAME WITH COVER, STD 840.54	1,545	LF	1/4" HARDWARE CLOTH
6	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	735	LF	WATTLE
1	EA	GENERIC DRAINAGE ITEM CONCRETE FLUME	95	LB	POLYACRYLAMIDE (PAM)
4,700	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	12	ACR	SEEDING & MULCHING
2	EA	ADJUSTMENT OF DROP INLETS	9	ACR	MOWING
3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	150	LB	SEED FOR REPAIR SEEDING
337.5	LF	STEEL BM GUARDRAIL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
5	EA	ADDITIONAL GUARDRAIL POSTS	300	LB	SEED FOR SUPPLEMENTAL SEEDING
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	8.5	TON	FERTILIZER TOPDRESSING
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	10	MHR	SPECIALIZED HAND MOWING
626	LF	REMOVE EXISTING GUARDRAIL	13	EA	RESPONSE FOR EROSION CONTROL
245	TON	RIP RAP, CLASS B			
282	SY	GEOTEXTILE FOR DRAINAGE			
1,023	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
47	EA	SIGN ERECTION, TYPE E			
5	EA	SIGN ERECTION, TYPE F			
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)			
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)			
34	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
Lump Sum	LS	GENERIC SIGNING ITEM DISPOSAL OF FLASHER SYSTEM			
256	SF	WORK ZONE SIGNS (STATIONARY)			
288	SF	WORK ZONE SIGNS (PORTABLE)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 008

CONTRACT ID : C202993 17BP.9.P.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.000 MI

COUNTY : FORSYTH

BRIDGE PERSERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRGS #51 & 55 ON US-421, #53, 54, 78, 115, 297, & 302 ON US-52, #85 ON US-158, #185 ON 3RD ST, AND #265 ON SR-2264.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,327	SY	INCIDENTAL MILLING
174	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
36	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
14	TON	ASPHALT BINDER FOR PLANT MIX
350	SF	WORK ZONE SIGNS (STATIONARY)
275	SF	WORK ZONE SIGNS (PORTABLE)
90	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
4	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
200	EA	DRUMS
40	LF	BARRICADES (TYPE III)
1	EA	TMA
21	EA	SKINNY DRUM
15	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
15,150	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
25	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE ELEMENTS)
110	EA	PERMANENT RAISED PAVEMENT MARKERS
148,699	SF	GROOVING BRIDGE FLOORS
1,043	LB	REINFORCING STEEL (BRIDGE)
44	CY	LATEX MODIFIED CONC OVERLAY
909	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS	ELASTOMERIC BEARINGS
236	CF	CONCRETE REPAIRS
613	CF	SHOTCRETE REPAIRS
794	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	STRIP SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARING PLATES
Lump Sum	LS	GENERIC STRUCTURE ITEM DRAIN TROUGH SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM RESET ROCKER BEARING
Lump Sum	LS	GENERIC STRUCTURE ITEM SILICONE RUBBER EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
715	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY - VERY EARLY STRENGTH
16,095	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL REPAIRS
9	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIRS FOR EPOXY / ASPHALT OVERLAY
17,760	SF	GENERIC STRUCTURE ITEM PLACEMENT OF CRACK/DECK SEALER
25,807	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
17,535	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DE CK
16,626	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC - VERY EARLY STRENGTH
17,535	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120417 009

CONTRACT ID : C202738 33731.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.155 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 18 2013

BRIDGE OVER ABBOTT'S CREEK AND APPROACHES ON SR-1243 (CENTER ST).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+08.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
600	CY	UNDERCUT EXCAVATION
76.9	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
600	SY	FABRIC FOR SOIL STABILIZATION
560	SY	ROCK PLATING
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	SY	FOUNDATION CONDITIONING FABRIC
52	LF	15" SIDE DRAIN PIPE
32	LF	***** RC PIPE CULVERTS, CLASS ***** (15", V)
32	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
50	LF	PIPE REMOVAL
80	TON	AGGREGATE BASE COURSE
300	TON	INCIDENTAL STONE BASE
480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
590	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
66	TON	ASPHALT BINDER FOR PLANT MIX
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
5	EA	RIGHT OF WAY MARKERS
44.8	CY	SUBDRAIN EXCAVATION
33.6	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
320	LF	SHOULDER BERM GUTTER
200	SY	GENERIC PAVING ITEM 6" CONCRETE DRIVEWAYS
450	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III SHOP CURVED)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
748	LF	REMOVE EXISTING GUARDRAIL
2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE 48" SINGLE GATE
1	EA	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (48", 14", 14")
82	TON	RIP RAP, CLASS I
1	TON	RIP RAP, CLASS B
1,425	SY	FILTER FABRIC FOR DRAINAGE
100	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
5	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
493	SF	WORK ZONE SIGNS (STATIONARY)

139	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
136	LF	BARRICADES (TYPE III)
1,640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
715	LF	TEMPORARY SILT FENCE
270	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
345	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
450	CY	SILT EXCAVATION
5,000	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
2,355	SY	PERMANENT SOIL REINFORCEMENT MAT
210	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
145	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
1.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+08.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+08.00-L-)
84	LF	3'-6" DIA DRILLED PIERS IN SOIL
113	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
83.1	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+08.00-L-)
139.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+08.00-L-)
36,406	LB	REINFORCING STEEL (BRIDGE)
6,180	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
340	LF	HP12X53 STEEL PILES
600.5	LF	TWO BAR METAL RAIL
615.5	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-11")
530	TON	RIP RAP CLASS II (2'-0" THICK)
760	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,688.5	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

1 EA GENERIC STRUCTURE ITEM
CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120417 010

CONTRACT ID : C202812 38395.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.520 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 11.0% COMPLETION DATE : FEB 11 2015

BRIDGES #319 & 335 OVER SR-1620 ON US-52.

ROADWAY ITEMS

			10,400	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
			600	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (9")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+83.36)	4,300	SY	GENERIC PAVING ITEM MILLING ASPHALT PAVEMENT, VARIABLE DEPTH
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+15.48)	5	EA	RIGHT OF WAY MARKERS
Lump Sum	LS	GRADING	44.8	CY	SUBDRAIN EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	33.6	CY	SUBDRAIN FINE AGGREGATE
1,000	CY	UNDERCUT EXCAVATION	200	LF	6" PERFORATED SUBDRAIN PIPE
200	CY	DRAINAGE DITCH EXCAVATION	1	EA	SUBDRAIN PIPE OUTLET
1,830	LF	BERM DITCH CONSTRUCTION	6	LF	6" OUTLET PIPE
1,000	CY	SELECT GRANULAR MATERIAL	0.893	CY	PIPE COLLARS
2,200	SY	GEOTEXTILE FOR SOIL STABILIZATION	1.04	CY	PIPE PLUGS
355	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	47	CY	FLOWABLE FILL
1,060	SY	FOUNDATION CONDITIONING GEOTEXTILE	34	EA	MASONRY DRAINAGE STRUCTURES
68	LF	*** SIDE DRAIN PIPE (30")	33.627	LF	MASONRY DRAINAGE STRUCTURES
344	LF	*** SIDE DRAIN PIPE (36")	8	EA	FRAME WITH TWO GRATES, STD 840.20
128	LF	*** SIDE DRAIN PIPE (48")	22	EA	FRAME WITH TWO GRATES, STD 840.22
1,508	LF	15" SIDE DRAIN PIPE	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
168	LF	18" SIDE DRAIN PIPE	3	EA	FRAME WITH COVER, STD 840.54
388	LF	24" SIDE DRAIN PIPE	500	LF	2'-6" CONCRETE CURB & GUTTER
9	EA	*** SIDE DRAIN PIPE ELBOWS (15")	2,000	LF	SHOULDER BERM GUTTER
1	EA	*** SIDE DRAIN PIPE ELBOWS (18")	140	SY	4" CONCRETE PAVED DITCH
3	EA	*** SIDE DRAIN PIPE ELBOWS (24")	2	EA	ADJUSTMENT OF DROP INLETS
84	LF	15" RC PIPE CULVERTS, CLASS III	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
96	LF	24" RC PIPE CULVERTS, CLASS III	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE
68	LF	36" RC PIPE CULVERTS, CLASS III	2	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
76	LF	15" RC PIPE CULVERTS, CLASS IV	3,200	LF	STEEL BM GUARDRAIL
236	LF	18" RC PIPE CULVERTS, CLASS IV	30	EA	ADDITIONAL GUARDRAIL POSTS
369	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (24", 0.250")	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
159	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (24", 0.250")	8	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
698	LF	PIPE REMOVAL	6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	EA	PIPE CLEAN-OUT	6,345	LF	REMOVE EXISTING GUARDRAIL
1,000	CY	SHALLOW UNDERCUT	925	LF	TEMPORARY STEEL BM GUARDRAIL
1,500	TON	CLASS IV SUBGRADE STABILIZATION	3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
100	TON	INCIDENTAL STONE BASE	3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (W-BEAM)
660	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")	1,650	LF	DOUBLE FACED CABLE GUIDERAIL
500	SY	MILLING ASPHALT PAVEMENT, ***** TO ***** (0" TO 1-1/2")	4	EA	CABLE GUIDERAIL ANCHOR UNITS
300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	5,600	LF	WOVEN WIRE FENCE, 47" FABRIC
16,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	370	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
50	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	70	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
6,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	200	TON	RIP RAP, CLASS I
300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	200	TON	RIP RAP, CLASS B
5,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	2,110	SY	GEOTEXTILE FOR DRAINAGE
1,350	TON	ASPHALT BINDER FOR PLANT MIX	1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
			1,024	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			64	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			2	EA	SIGN ERECTION, TYPE E
			1	EA	SIGN ERECTION, TYPE F
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)

			36,864	LB	REINFORCING STEEL (BRIDGE)
			299,700	LS	APPROX LBS STRUCTURAL STEEL
			1,430	LF	HP12X53 STEEL PILES
			531.33	LF	CONCRETE BARRIER RAIL
			1,195	SY	4" SLOPE PROTECTION
		Lump Sum		LS	ELASTOMERIC BEARINGS
		Lump Sum		LS	EXPANSION JOINT SEALS
			955	SY	GENERIC STRUCTURE ITEM REINFORCED SOIL SLOPE
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
11	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
920	SF	WORK ZONE SIGNS (STATIONARY)			
670	SF	WORK ZONE SIGNS (PORTABLE)			
2	EA	FLASHING ARROW BOARD			
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
500	EA	DRUMS			
45	EA	CONES			
120	DAY	FLAGGER			
8	EA	TEMPORARY CRASH CUSHIONS			
8	EA	RESET TEMPORARY CRASH CUSHION			
2	EA	TMA			
8,778	LF	PORTABLE CONCRETE BARRIER			
11,710	LF	RESET PORTABLE CONCRETE BARRIER			
145	EA	TEMPORARY RAISED PAVEMENT MARKERS			
384	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)			
52,500	LF	PAINT PAVEMENT MARKING LINES (6")			
15,109	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)			
10	EA	PERMANENT RAISED PAVEMENT MARKERS			
66	EA	SNOWPLOWABLE PAVEMENT MARKERS			
545	LF	6" WATER LINE			
1	EA	6" VALVE			
1	EA	2" BLOW OFF			
1	EA	RELOCATE WATER METER			
8,400	LF	TEMPORARY SILT FENCE			
835	TON	STONE FOR EROSION CONTROL, CLASS A			
1,300	TON	STONE FOR EROSION CONTROL, CLASS B			
850	TON	SEDIMENT CONTROL STONE			
23.5	ACR	TEMPORARY MULCHING			
800	LB	SEED FOR TEMPORARY SEEDING			
4	TON	FERTILIZER FOR TEMPORARY SEEDING			
1,000	LF	TEMPORARY SLOPE DRAINS			
100	LF	SAFETY FENCE			
2,000	CY	SILT EXCAVATION			
18,500	SY	MATting FOR EROSION CONTROL			
50	SY	COIR FIBER MAT			
6,425	SY	PERMANENT SOIL REINFORCEMENT MAT			
1,665	LF	1/4" HARDWARE CLOTH			
2,000	LF	WATTLE			
670	LB	POLYACRYLAMIDE (PAM)			
540	LF	COIR FIBER BAFFLE			
5	EA	*** SKIMMER (1-1/2")			
24	ACR	SEEDING & MULCHING			
15	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
550	LB	SEED FOR SUPPLEMENTAL SEEDING			
16.5	TON	FERTILIZER TOPDRESSING			
25	MHR	SPECIALIZED HAND MOWING			
25	EA	RESPONSE FOR EROSION CONTROL			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (25+98.15-L-T)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+98.15-L-T)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+98.15-L-RT)
10,015	SF	REINFORCED CONCRETE DECK SLAB
12,187	SF	GROOVING BRIDGE FLOORS
369.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+98.15-L-T)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+98.15-L-RT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 011

CONTRACT ID : C202991 17BP.10.P.3

DIV OFFICE ALBEMARLE

LENGTH = 0.000 MI

COUNTY : MECKLENBURG

BRIDGE PERSERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : AUG 31 2013

BRIDGES #44, 48, 120, 136, 153, 202, 205, 245, 286, 312, 323, 349, 355, 356, 357, 358, 359, & 362 OVER I-77.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,128	SY	INCIDENTAL MILLING
89.1	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
6	TON	ASPHALT BINDER FOR PLANT MIX
62	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CONC CURB & GUTTER
200	SF	WORK ZONE SIGNS (STATIONARY)
350	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
4	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
120	EA	DRUMS
40	LF	BARRICADES (TYPE III)
120	DAY	FLAGGER
1	EA	TMA
10	EA	TUBULAR MARKERS (FIXED)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,340	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
1,130	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
25,150	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
380	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
310	EA	PERMANENT RAISED PAVEMENT MARKERS
207,807	SF	GROOVING BRIDGE FLOORS
250	LB	REINFORCING STEEL (BRIDGE)
121.8	CF	CONCRETE REPAIRS
103	CF	SHOTCRETE REPAIRS
524	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
884	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONC OVERLAY - VERY EARLY STRENGTH
81	SF	GENERIC STRUCTURE ITEM CLASS II CONCRETE DECK REPAIR FOR EPOXY OVERLAY
13,638	SF	GENERIC STRUCTURE ITEM PLACEMENT OF CRACK/DECK SEALER
81,475	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
25,323	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
25,323	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
25,323	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L120417 012****CONTRACT ID : C202776 33547.3.1****DIV OFFICE ALBEMARLE****LENGTH = 0.109 MI****COUNTY : MECKLENBURG****GRADING, DRAINAGE, PAVING, AND STRUCTURE.****DBE GOAL 10.0% COMPLETION DATE : MAR 30 2013****BRIDGE OVER GAR CREEK AND APPROACHES ON SR-2120 (MCCOY RD).****ROADWAY ITEMS**

			80	LF	BARRICADES (TYPE III)
			155	LF	16" WATER LINE
			155	LF	ABANDON 16" UTILITY PIPE
			1,200	LF	TEMPORARY SILT FENCE
Lump Sum	LS	MOBILIZATION	225	TON	STONE FOR EROSION CONTROL, CLASS A
Lump Sum	LS	CONSTRUCTION SURVEYING	60	TON	STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+17.00 -L-)	100	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	GRADING	1.5	ACR	TEMPORARY MULCHING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	100	LB	SEED FOR TEMPORARY SEEDING
500	CY	UNDERCUT EXCAVATION	1.25	TON	FERTILIZER FOR TEMPORARY SEED-ING
223	CY	DRAINAGE DITCH EXCAVATION	200	LF	TEMPORARY SLOPE DRAINS
2,500	CY	SELECT GRANULAR MATERIAL	100	LF	SAFETY FENCE
2,600	SY	GEOTEXTILE FOR SOIL STABILIZA-TION	130	CY	SILT EXCAVATION
18	TON	FOUNDATION CONDITIONING MATE-RIAL, MINOR STRUCTURES	3,700	SY	MATting FOR EROSION CONTROL
82	SY	FOUNDATION CONDITIONING GEO-TEXTILE	10	SY	COIR FIBER MAT
64	LF	15" CS PIPE CULVERTS, 0.064" THICK	435	LF	1/4" HARDWARE CLOTH
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	100	LF	COIR FIBER BAFFLE
175	CY	SHALLOW UNDERCUT	1	EA	*** SKIMMER (1-1/2")
350	TON	CLASS IV SUBGRADE STABILIZA-TION	3	ACR	SEEDING & MULCHING
100	TON	INCIDENTAL STONE BASE	3	ACR	MOWING
340	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 1-1/2")	50	LB	SEED FOR REPAIR SEEDING
270	SY	INCIDENTAL MILLING	0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	50	LB	SEED FOR SUPPLEMENTAL SEEDING
100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1	TON	FERTILIZER TOPDRESSING
220	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	10	MHR	SPECIALIZED HAND MOWING
25	TON	ASPHALT BINDER FOR PLANT MIX	18	EA	RESPONSE FOR EROSION CONTROL
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	42	LF	TRACER WIRE
56	CY	SUBDRAIN EXCAVATION	40	LF	DIRECTIONAL DRILL (***** (2, 2"))
42	CY	SUBDRAIN FINE AGGREGATE			
250	LF	6" PERFORATED SUBDRAIN PIPE			
1	EA	SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE			
2	EA	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH TWO GRATES, STD 840.24			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
10	LF	SHOULDER BERM GUTTER			
75	LF	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED STEEL BEAM GUARDRAIL			
5	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED ADDITIONAL GUARDRAIL POSTS			
4	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED ANCHOR UNITS, TYPE 350			
4	EA	GENERIC GUARDRAIL ITEM PAINTED GALVANIZED ANCHOR UNITS, TYPE III			
1,200	LF	WOVEN WIRE FENCE, 47" FABRIC			
60	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
60	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
500	LF	ADDITIONAL BARBED WIRE			
1,150	LF	GENERIC FENCING ITEM REMOVE & RESET ELECTRIC FENCE			
5	EA	GENERIC FENCING ITEM REMOVE & RESET METAL GATES			
10	TON	RIP RAP, CLASS B			
486	SY	GEOTEXTILE FOR DRAINAGE			
366	SF	WORK ZONE SIGNS (STATIONARY)			
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+17.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+17.00-L-)
1,700	SF	CONCRETE WEARING SURFACE
2,300	SF	GROOVING BRIDGE FLOORS
36	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+17.00-L-)
4,814	LB	REINFORCING STEEL (BRIDGE)
382	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
400	LF	HP14X73 STEEL PILES
96.5	LF	TWO BAR METAL RAIL
111.5	LF	1'-***X ***** CONCRETE PARA-PET (1'-2" x 2'-10")
35	TON	RIP RAP CLASS II (2'-0" THICK)
39	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
613.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
1,125	SF	GENERIC STRUCTURE ITEM 18" STEEL SHEET PILES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 013

CONTRACT ID : C203001 10CR.10601.66

DIV OFFICE ALBEMARLE

LENGTH = 19.190 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 30 2013

1 SECTION OF US-29, 2 SECTIONS OF NC-49, 2 SECTIONS OF NC-160 AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,000	CY	BORROW EXCAVATION
380	TON	INCIDENTAL STONE BASE
11.35	SMI	SHOULDER RECONSTRUCTION
420,151	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,750	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,650	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2-1/2")
2,950	SY	INCIDENTAL MILLING
8,182	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
47,109	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
3,276	TON	ASPHALT BINDER FOR PLANT MIX
11,915	TON	PATCHING EXISTING PAVEMENT
278	EA	RETROFIT EXISTING CURB RAMP
114	EA	ADJUSTMENT OF MANHOLES
77	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
74,010	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
230,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
875	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
7,725	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
18,546	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
3,264	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
114	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
436	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
151,500	LF	PAINT PAVEMENT MARKING LINES (4")
5,830	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
475	LF	TEMPORARY SILT FENCE
99	TON	STONE FOR EROSION CONTROL, CLASS B
99	TON	SEDIMENT CONTROL STONE
60	SY	MATTING FOR EROSION CONTROL
95	LF	WATTLE
5.5	LB	POLYACRYLAMIDE (PAM)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 014

CONTRACT ID : C203002 10CR.10601.71

DIV OFFICE ALBEMARLE

LENGTH = 27.650 MI

COUNTY : MECKLENBURG

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : JUN 30 2013

1 SECTION OF US-21 AND NC-73, AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,695	CY	BORROW EXCAVATION
750	TON	INCIDENTAL STONE BASE
7.4	SMI	SHOULDER CONSTRUCTION
36.35	SMI	SHOULDER RECONSTRUCTION
80,313	SY	MILLING ASPHALT PAVEMENT, *** ¹ DEPTH (1-1/2")
32,975	SY	MILLING ASPHALT PAVEMENT, *** ¹ TO ***** ¹ (0" TO 1-1/2")
500	SY	MILLING ASPHALT PAVEMENT, *** ¹ TO ***** ¹ (0" TO 2-1/2")
5,400	SY	INCIDENTAL MILLING
2,849	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,193	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
45,607	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
7,060	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
3,427	TON	ASPHALT BINDER FOR PLANT MIX
12,775	TON	PATCHING EXISTING PAVEMENT
110	EA	RETROFIT EXISTING CURB RAMP
435	SY	6" CONCRETE DRIVEWAY
3	EA	ADJUSTMENT OF CATCH BASINS
63	EA	ADJUSTMENT OF MANHOLES
35	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
233,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
286,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
3,735	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,553	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
131	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
217	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
53,750	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (16")
485	LF	PAINT PAVEMENT MARKING LINES (24")
14	EA	PAINT PAVEMENT MARKING CHARAC- TER
4,875	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2,545	LF	TEMPORARY SILT FENCE
318	TON	STONE FOR EROSION CONTROL, CLASS B
318	TON	SEDIMENT CONTROL STONE
210	SY	MATTING FOR EROSION CONTROL
430	LF	WATTLE
12	LB	POLYACRYLAMIDE (PAM)
12.5	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120417 015

CONTRACT ID : C202811 33685.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.134 MI

COUNTY : ALLEGHANY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 12 2013

BRIDGE #9 OVER PRATHERS CREEK ON US-221.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
1	EA	SEALING ABANDONED WELLS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+30.00)
50	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
4,200	CY	BORROW EXCAVATION
40	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
100	SY	GEOTEXTILE FOR SOIL STABILIZATION
78.2	SF	TEMPORARY SHORING
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
60	SY	FOUNDATION CONDITIONING GEOTEXTILE
128	LF	24" RC PIPE CULVERTS, CLASS III
32	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	***" CS PIPE ELBOWS, *****" THICK (15", 0.064")
58	LF	PIPE REMOVAL
100	CY	SHALLOW UNDERCUT
100	TON	CLASS IV SUBGRADE STABILIZATION
141	TON	AGGREGATE BASE COURSE
75	TON	INCIDENTAL STONE BASE
260	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
290	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
15	EA	RIGHT OF WAY MARKERS
36	CY	SUBDRAIN EXCAVATION
27	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	LF	6" OUTLET PIPE
1	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
40	LF	SHOULDER BERM GUTTER
287.5	LF	STEEL BM GUARDRAIL
3	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
687	LF	REMOVE EXISTING GUARDRAIL
200	LF	GENERIC FENCING ITEM 3 STRAND BARBED WIRE FENCE WITH POSTS (TEMPORARY)
140	TON	RIP RAP, CLASS B
1,135	SY	GEOTEXTILE FOR DRAINAGE
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
51	EA	DRUMS
32	LF	BARRICADES (TYPE III)
720	DAY	FLAGGER
1	EA	TEMPORARY CRASH CUSHIONS
1	EA	TMA
200	LF	PORTABLE CONCRETE BARRIER
12	EA	TEMPORARY RAISED PAVEMENT MARKERS
11,944	LF	PAINT PAVEMENT MARKING LINES (4")

10	EA	SNOWFLOWABLE PAVEMENT MARKERS
1,450	LF	TEMPORARY SILT FENCE
270	TON	STONE FOR EROSION CONTROL, CLASS A
250	TON	STONE FOR EROSION CONTROL, CLASS B
225	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
270	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
400	CY	SILT EXCAVATION
3,000	SY	MATTING FOR EROSION CONTROL
350	SY	COIR FIBER MAT
150	SY	PERMANENT SOIL REINFORCEMENT MAT
250	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
260	LF	WATTLE
100	LB	POLYACRYLAMIDE (PAM)
115	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
20	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+30.00-L-)
28	LF	3'-0" DIA DRILLED PIERS IN SOIL
26	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
18	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
48.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+30.00-L-)
14,144	LB	REINFORCING STEEL (BRIDGE)
1,419	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
385	LF	HP12X53 STEEL PILES
250.51	LF	VERTICAL CONCRETE BARRIER RAIL
65	TON	RIP RAP, CLASS ** (I)
387	TON	RIP RAP CLASS II (2'-0" THICK)
502	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
605	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
770	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**L120417 016****CONTRACT ID : C202986 17BP.12.P.4****DIV OFFICE SHELBY****LENGTH = 0.000 MI****COUNTY : CLEVELAND, LINCOLN, GASTON****BRIDGE PRESERVATION.****MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****BRG # 18, 76, & 35 ON NC-150, #79 & 80 ON US-74, #2 ON NC- 279, #56 ON NC-275, #107 ON SR-1135 & #133 ON ABERDEEN RD.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
1,891	SY	INCIDENTAL MILLING
143	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8	TON	ASPHALT BINDER FOR PLANT MIX
1,290	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
15	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
502	EA	DRUMS
44	EA	CONES
72	LF	BARRICADES (TYPE III)
2,760	HR	FLAGGER
1	EA	TMA
1,140	HR	LAW ENFORCEMENT
44	EA	SKINNY DRUM
23,608	LF	PAINT PAVEMENT MARKING LINES (4")
12	EA	PAINT PAVEMENT MARKING SYMBOL
82,413	SF	GROOVING BRIDGE FLOORS
71	CF	CONCRETE REPAIRS
507	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM
		STRUCTURAL STEEL REPAIR
412	CY	GENERIC STRUCTURE ITEM
		LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
10,320	SY	GENERIC STRUCTURE ITEM
		HYDRO-DEMOLITION OF BRIDGE DECK
10,320	SY	GENERIC STRUCTURE ITEM
		PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
10,320	SY	GENERIC STRUCTURE ITEM
		SCARIFYING BRIDGE DECK
16	EA	GENERIC STRUCTURE ITEM
		REPLACE BEARINGS, TYPE III
30	EA	GENERIC STRUCTURE ITEM
		REPLACE BEARINGS, TYPE SPECIAL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L120417 017****CONTRACT ID : C202809 33412.3.1****DIV OFFICE ASHEVILLE****LENGTH = 0.251 MI****COUNTY : BURKE****GRADING, DRAINAGE, PAVING, AND STRUCTURES.****DBE GOAL 8.0% COMPLETION DATE : MAR 13 2014****BRIDGES #175 AND 38 OVER WHITE OAK CREEK AND JACOBS FORK RIVER ON SR-1901.****ROADWAY ITEMS**

			90	LF	RESET WATER FILLED BARRIER
			61	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION	22,687	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (11+42.00-L-)	136	LF	PAINT PAVEMENT MARKING LINES (24")
			480	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (18+89.00-L-)	35	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
Lump Sum	LS	GRADING	2,000	LF	TEMPORARY SILT FENCE
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	360	TON	STONE FOR EROSION CONTROL, CLASS A
50	CY	UNDERCUT EXCAVATION	175	TON	STONE FOR EROSION CONTROL, CLASS B
12	CY	DRAINAGE DITCH EXCAVATION	450	TON	SEDIMENT CONTROL STONE
100	CY	SELECT GRANULAR MATERIAL	4	ACR	TEMPORARY MULCHING
220	SY	GEOTEXTILE FOR SOIL STABILIZATION	150	LB	SEED FOR TEMPORARY SEEDING
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
90	SY	FOUNDATION CONDITIONING GEOTEXTILE	200	LF	TEMPORARY SLOPE DRAINS
52	LF	15" DRAINAGE PIPE	500	LF	SAFETY FENCE
148	LF	18" DRAINAGE PIPE	480	CY	SILT EXCAVATION
48	LF	15" RC PIPE CULVERTS, CLASS IV	7,000	SY	MATting FOR EROSION CONTROL
76	LF	PIPE REMOVAL	20	SY	COIR FIBER MAT
50	CY	SHALLOW UNDERCUT	675	LF	1/4" HARDWARE CLOTH
100	TON	CLASS IV SUBGRADE STABILIZATION	12	EA	SPECIAL STILLING BASINS
50	TON	INCIDENTAL STONE BASE	300	LF	WATTLE
730	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	100	LB	POLYACRYLAMIDE (PAM)
630	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	135	LF	COIR FIBER BAFFLE
75	TON	ASPHALT BINDER FOR PLANT MIX	2	EA	** SKIMMER (1-1/2")
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	3	ACR	SEEDING & MULCHING
21	EA	RIGHT OF WAY MARKERS	3	ACR	MOWING
25	CY	SUBDRAIN EXCAVATION	50	LB	SEED FOR REPAIR SEEDING
20	CY	SUBDRAIN FINE AGGREGATE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LF	6" PERFORATED SUBDRAIN PIPE	100	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	SUBDRAIN PIPE OUTLET	2.5	TON	FERTILIZER TOPDRESSING
6	LF	6" OUTLET PIPE	10	MHR	SPECIALIZED HAND MOWING
4	EA	MASONRY DRAINAGE STRUCTURES	18	EA	RESPONSE FOR EROSION CONTROL
4	EA	FRAME WITH TWO GRATES, STD 840.29	0.2	ACR	REFORESTATION
220	LF	SHOULDER BERM GUTTER			
187.5	LF	STEEL BM GUARDRAIL	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+42.00-L-)
25	LF	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+89.00-L-)
5	EA	ADDITIONAL GUARDRAIL POSTS	64.42	LF	3'-0" DIA DRILLED PIERS IN SOIL
7	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)	45	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	22.15	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III	1	EA	SID INSPECTIONS
5	TON	RIP RAP, CLASS I	2	EA	SPT TESTING
1,570	SY	GEOTEXTILE FOR DRAINAGE	1	EA	CSL TESTING
4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (11+42.00-L-)
249	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+89.00-L-)
6	EA	SIGN ERECTION, TYPE D	102.2	CY	CLASS A CONCRETE (BRIDGE)
3	EA	SIGN ERECTION, TYPE E	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+42.00-L-)
14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+89.00-L-)
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD	28,070	LB	REINFORCING STEEL (BRIDGE)
632	SF	WORK ZONE SIGNS (STATIONARY)	2,981	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
96	SF	WORK ZONE SIGNS (PORTABLE)	545	LF	HP12X53 STEEL PILES
156	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
30	EA	DRUMS			
25	EA	CONES			
112	LF	BARRICADES (TYPE III)			
59	DAY	FLAGGER			
90	LF	WATER FILLED BARRIER			

STRUCTURE ITEMS

401.01	LF	VERTICAL CONCRETE BARRIER RAIL
759	TON	RIP RAP CLASS II (2'-0" THICK)
843	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
600	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
1,400	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120417 018

CONTRACT ID : C202815 34832.3.1

DIV OFFICE ASHEVILLE

LENGTH = 2.218 MI

COUNTY : BURKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : APR 30 2015

SR-1922/SR-1924 FROM SR-2026 TO NC-18 IN MORGANTON.

ROADWAY ITEMS					
			340	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
Lump Sum	LS	MOBILIZATION	29,600	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	22,250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	1,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1	EA	SEALING ABANDONED WELLS	12,400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
87,000	CY	UNCLASSIFIED EXCAVATION	950	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (76+15.21)	15,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,400	CY	UNDERCUT EXCAVATION	900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,537	CY	DRAINAGE DITCH EXCAVATION	2,675	TON	ASPHALT BINDER FOR PLANT MIX
17,250	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	80	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
7,600	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2,000	CY	SELECT GRANULAR MATERIAL	1,500	TON	ULTRA-THIN BONDED WEARING COURSE
14,600	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	42,300	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
2,500	SF	TEMPORARY SHORING	20,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
2,000	SY	ROCK PLATING	197	EA	RIGHT OF WAY MARKERS
100	TON	GENERIC GRADING ITEM EXCAVATION, HAULING, AND DISPOSAL OF CONTAMINATED SOIL	112	CY	SUBDRAIN EXCAVATION
1,620	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	84	CY	SUBDRAIN FINE AGGREGATE
6,170	SY	FOUNDATION CONDITIONING GEO- TEXTILE	500	LF	6" PERFORATED SUBDRAIN PIPE
24	LF	***" DRAINAGE PIPE (8")	1	EA	SUBDRAIN PIPE OUTLET
1,396	LF	15" DRAINAGE PIPE	6	LF	6" OUTLET PIPE
1,416	LF	18" DRAINAGE PIPE	2.5	CY	PIPE COLLARS
328	LF	24" DRAINAGE PIPE	1	CY	PIPE PLUGS
12	LF	30" DRAINAGE PIPE	12	CY	FLOWABLE FILL
100	LF	36" DRAINAGE PIPE	150	EA	MASONRY DRAINAGE STRUCTURES
336	LF	15" SIDE DRAIN PIPE	47.57	LF	MASONRY DRAINAGE STRUCTURES
32	LF	18" SIDE DRAIN PIPE	2	EA	FRAME WITH GRATE, STD 840.22
752	LF	15" RC PIPE CULVERTS, CLASS III	32	EA	FRAME WITH TWO GRATES, STD 840.16
1,396	LF	18" RC PIPE CULVERTS, CLASS III	9	EA	FRAME WITH TWO GRATES, STD 840.20
216	LF	24" RC PIPE CULVERTS, CLASS III	10	EA	FRAME WITH TWO GRATES, STD 840.22
632	LF	30" RC PIPE CULVERTS, CLASS III	19	EA	FRAME WITH TWO GRATES, STD 840.24
196	LF	36" RC PIPE CULVERTS, CLASS III	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
4,688	LF	15" RC PIPE CULVERTS, CLASS IV	26	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
848	LF	18" RC PIPE CULVERTS, CLASS IV	35	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
376	LF	24" RC PIPE CULVERTS, CLASS IV	7	EA	FRAME WITH COVER, STD 840.54
420	LF	15" CS PIPE CULVERTS, 0.064" THICK	1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
152	LF	18" CS PIPE CULVERTS, 0.064" THICK	3	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
20	LF	24" CS PIPE CULVERTS, 0.064" THICK	7	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
8	EA	***" CS PIPE ELBOWS, ***** THICK (15", 0.064")	4,300	LF	1'-6" CONCRETE CURB & GUTTER
2	EA	***" CS PIPE ELBOWS, ***** THICK (18", 0.064")	13,450	LF	2'-6" CONCRETE CURB & GUTTER
1	EA	***" CS PIPE ELBOWS, ***** THICK (24", 0.064")	2,470	LF	SHOULDER BERM GUTTER
72	LF	***" WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.5")	7,700	SY	4" CONCRETE SIDEWALK
4,450	LF	PIPE REMOVAL	59	EA	CONCRETE CURB RAMP
150	SY	6" SLOPE PROTECTION	825	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	FINE GRADING	1,925	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
4,000	CY	SHALLOW UNDERCUT	150	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
7,600	TON	CLASS IV SUBGRADE STABILIZA- TION	15	EA	ADJUSTMENT OF MANHOLES
300	TON	INCIDENTAL STONE BASE	15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,200	CY	SHOULDER BORROW	12,637.5	LF	STEEL BM GUARDRAIL

			3,660	EA	TEMPORARY RAISED PAVEMENT MARKERS
			140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			2,279	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
162.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	1,073	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
10	EA	ADDITIONAL GUARDRAIL POSTS	7	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	165	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2,115	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	6	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (IV)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	250,345	LF	PAINT PAVEMENT MARKING LINES (4")
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	571	LF	PAINT PAVEMENT MARKING LINES (8")
8,136	LF	REMOVE EXISTING GUARDRAIL	6,186	LF	PAINT PAVEMENT MARKING LINES (12")
16	EA	GENERIC GUARDRAIL ITEM EXTRA LENGTH GUARDRAIL POSTS (8' STEEL)	5,807	LF	PAINT PAVEMENT MARKING LINES (24")
7,420	LF	WOVEN WIRE FENCE, *** FABRIC (48")	60	EA	PAINT PAVEMENT MARKING CHARACTER
490	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	345	EA	PAINT PAVEMENT MARKING SYMBOL
90	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	64,643	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
780	LF	CHAIN LINK FENCE, *** FABRIC (60")	21,785	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
70	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (60")	3,153	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
10	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (60")	119,373	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,000	LF	ADDITIONAL BARBED WIRE	760	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
2,400	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")	22	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
1	EA	GENERIC FENCING ITEM DOUBLE GATES, 48" HIGH, 6" WIDE, 12' OPENING (TEMPORARY)	88	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
23	TON	RIP RAP, CLASS I	619	EA	SNOWBLOWABLE PAVEMENT MARKERS
1,010	TON	RIP RAP, CLASS B	3	EA	120' HIGH MOUNT STANDARD
6,525	SY	GEOTEXTILE FOR DRAINAGE	1	EA	PORTABLE DRIVE UNIT
15	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	24.6	CY	HIGH MOUNT FOUNDATIONS
2	CY	PLAIN CONCRETE SIGN FOUNDATIONS	24	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)
9,774	LB	SUPPORTS, BREAKAWAY STEEL BEAM	14	EA	LIGHT STANDARD, TYPE MTLT ***** (45' SA, 15' ARM)
3,723	LB	SUPPORTS, SIMPLE STEEL BEAM	10	EA	STANDARD FOUNDATION ***** (R1)
1,222	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	4	EA	STANDARD FOUNDATION ***** (R2)
2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	14	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW 250W HPS, FLAT GLASS, MC3)
68	EA	SIGN ERECTION, TYPE E	1	EA	ELECTRIC SERVICE POLE **** (30' CLASS 4)
11	EA	SIGN ERECTION, TYPE F	100	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	200	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
2	EA	SIGN ERECTION, MILEMARKERS	115	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	155	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (4")
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)	460	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (2")
9	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	55	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")
8	EA	DISPOSAL OF SUPPORT, STEEL BEAM	120	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")
6	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	380	LF	** #8 W/G FEEDER CIRCUIT (2)
82	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1,235	LF	** #4 W/G FEEDER CIRCUIT (2)
1,246	SF	WORK ZONE SIGNS (STATIONARY)	3,830	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")
1,228	SF	WORK ZONE SIGNS (PORTABLE)			
695	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
4	EA	FLASHING ARROW BOARD			
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
600	EA	DRUMS			
560	LF	BARRICADES (TYPE III)			
1,050	DAY	FLAGGER			
8	EA	TEMPORARY CRASH CUSHIONS			
6	EA	RESET TEMPORARY CRASH CUSHION			
2	EA	TMA			
7,380	LF	PORTABLE CONCRETE BARRIER			
9,110	LF	RESET PORTABLE CONCRETE BARRIER			
48	HR	LAW ENFORCEMENT			
200	EA	SKINNY DRUM			

3,165	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	43	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
16	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	17	EA	WOOD POLE
Lump Sum	LS	PORTABLE LIGHTING	50	EA	GUY ASSEMBLY
1,395	LF	2" WATER LINE	2	EA	1/2" RISER WITH WEATHERHEAD
1,009	LF	6" WATER LINE	4	EA	1" RISER WITH WEATHERHEAD
495	LF	8" WATER LINE	23	EA	2" RISER WITH WEATHERHEAD
982	LF	12" WATER LINE	6	EA	2" RISER WITH HEAT SHRINK TUBING
4	EA	2" VALVE	10,030	LF	INDUCTIVE LOOP SAWCUT
8	EA	6" VALVE	29,180	LF	LEAD-IN CABLE (*****) (14-2)
5	EA	8" VALVE	13,400	LF	COMMUNICATIONS CABLE (**FIBER) (12)
3	EA	12" VALVE	7	EA	INTERCONNECT CENTER
1	EA	6" TAPPING VALVE	7	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
1	EA	8" TAPPING VALVE	15	EA	DELINEATOR MARKER
2	EA	2" BLOW OFF	1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT
60	EA	RELOCATE WATER METER	1	EA	FURNISH FIBER-OPTIC POWER ME- TER
3	EA	RECONNECT WATER METER	1	EA	FURNISH OPTICAL LIGHT GENERA- TOR
11	EA	RELOCATE FIRE HYDRANT	1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
1,979	LF	8" SANITARY GRAVITY SEWER	1	EA	MODIFY RADIO INSTALLATION
60	EA	SANITARY SEWER CLEAN-OUT	16	EA	METAL POLE WITH SINGLE MAST ARM
9	EA	4' DIA UTILITY MANHOLE	4	EA	METAL POLE WITH DUAL MAST ARM
29	LF	UTILITY MANHOLE WALL, 4' DIA	20	EA	SOIL TEST
1	EA	REMOVE WATER METER	160	CY	DRILLED PIER FOUNDATION
3	EA	ABANDON UTILITY MANHOLE	20	EA	MAST ARM WITH METAL POLE DE- SIGN
1	EA	REMOVE UTILITY MANHOLE	18	EA	SIGN FOR SIGNALS
25,000	LF	TEMPORARY SILT FENCE	16	EA	TYPE II PEDESTAL WITH FOUND- ATION
1,850	TON	STONE FOR EROSION CONTROL, CLASS A	6	EA	SIGNAL CABINET FOUNDATION
7,210	TON	STONE FOR EROSION CONTROL, CLASS B	6	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
4,200	TON	SEDIMENT CONTROL STONE	45	EA	DETECTOR CARD (TYPE 2070L)
25	ACR	TEMPORARY MULCHING	6	EA	CABINET BASE EXTENDER
900	LB	SEED FOR TEMPORARY SEEDING	4	EA	GENERIC SIGNAL ITEM PROTECTIVE GREEN COATING FOR DOUBLE MAST ARM WITH METAL POLE
5.5	TON	FERTILIZER FOR TEMPORARY SEED- ING	16	EA	GENERIC SIGNAL ITEM PROTECTIVE GREEN COATING FOR SINGLE MAST ARM WITH METAL POLE
2,000	LF	TEMPORARY SLOPE DRAINS	16	EA	GENERIC SIGNAL ITEM PROTECTIVE GREEN COATING FOR TYPE II PEDESTAL WITH FOUNDA- TION
500	LF	SAFETY FENCE			
9,600	CY	SILT EXCAVATION			
50,000	SY	MATting FOR EROSION CONTROL			
300	SY	COIR FIBER MAT			
5,625	SY	PERMANENT SOIL REINFORCEMENT MAT			
10,000	LF	1/4" HARDWARE CLOTH			
1,350	LB	POLYACRYLAMIDE (PAM)			
2,020	LF	COIR FIBER BAFFLE			
23	EA	*** SKIMMER (1-1/2")			
25	ACR	SEEDING & MULCHING			
15	ACR	MOWING			
250	LB	SEED FOR REPAIR SEEDING			
0.75	TON	FERTILIZER FOR REPAIR SEEDING			
425	LB	SEED FOR SUPPLEMENTAL SEEDING			
12.75	TON	FERTILIZER TOPDRESSING			
40	MHR	SPECIALIZED HAND MOWING			
100	EA	RESPONSE FOR EROSION CONTROL			
10	CY	CONCRETE STEPS			
30	LF	HANDRAIL ON STEPS			
34	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)			
17,130	LF	SIGNAL CABLE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (76+15.21-L-)
84	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 76+15.21-L-)
10	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	3	EA	PDA TESTING
7	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (76+15.21-L-)
5,510	LF	MESSENGER CABLE (1/4")	16,152	SF	REINFORCED CONCRETE DECK SLAB
2,520	LF	MESSENGER CABLE (3/8")	13,057	SF	GROOVING BRIDGE FLOORS
4,810	LF	TRACER WIRE	322.1	CY	CLASS A CONCRETE (BRIDGE)
150	LF	PAVED TRENCHING (*****) (1, 2")	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (76+15.21-L-)
10	LF	PAVED TRENCHING (*****) (2, 2")	31,895	LB	REINFORCING STEEL (BRIDGE)
6,220	LF	UNPAVED TRENCHING (*****) (1, 2")	1,864	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
460	LF	UNPAVED TRENCHING (*****) (2, 2")	2,277.46	LF	54" PRESTRESSED CONCRETE GIR- DERS
70	LF	UNPAVED TRENCHING (*****) (4, 2")	2,835	LF	HP12X53 STEEL PILES
2,440	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN	63	EA	PILE REDRIVES
2,120	LF	DIRECTIONAL DRILL (*****) (1, 2")	449.29	LF	TWO BAR METAL RAIL
1,880	LF	DIRECTIONAL DRILL (*****) (2, 2")	464.64	LF	1'-***"X *****" CONCRETE PARA- PET (1'-5" X 2'-6")
49	EA	JUNCTION BOX (STANDARD SIZE)	785	SY	4" SLOPE PROTECTION

WALL ITEMS

964 SF MSE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	ELASTOMERIC BEARINGS
6,470	SF	GENERIC STRUCTURE ITEM
		ARCHITECTURAL CONCRETE SURFACE
		TREATMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 019

CONTRACT ID : C202997 17BP.14.P.5

DIV OFFICE SYLVA

LENGTH = 0.000 MI

COUNTY : GRAHAM, CHEROKEE

BRIDGE PRESERVATION

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #S 8 & 13 ON US-129 AND 14 ON US-19B.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2	CY	BORROW EXCAVATION
0.058	SMI	SHOULDER RECONSTRUCTION
4,404	SY	INCIDENTAL MILLING
30	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
80	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
7	TON	ASPHALT BINDER FOR PLANT MIX
12	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
215	LF	REMOVE & RESET EXISTING GUARD- RAIL
584	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
350	EA	DRUMS
50	EA	CONES
160	LF	BARRICADES (TYPE III)
1,120	DAY	FLAGGER
240	HR	LAW ENFORCEMENT
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
600	LF	PAINT PAVEMENT MARKING LINES (4")
4,198	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE BEADS)
200	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE BEADS)
14	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (HIGHLY REFLECTIVE BEADS)
29	EA	SNOWPLOWABLE PAVEMENT MARKERS
26,993	SF	GROOVING BRIDGE FLOORS
21.1	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	POLLUTION CONTROL
131.7	SY	CLASS III, SURFACE PREPARATION
60	TON	STONE FOR EROSION CONTROL, CLASS B
85	CF	CONCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #13
172.4	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY VERY EARLY STRENGTH
3,109.5	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
3,117.8	SY	GENERIC STRUCTURE ITEM PLACE & FINISH LATEX MOD CONC OVERLAY VERY EARLY STRENGTH
3,117.8	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
2	EA	GENERIC STRUCTURE ITEM SPAN JACKING GRAHAM COUNTY BRIDGE #8

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 020

CONTRACT ID : C202998 17BP.14.P.8

DIV OFFICE SYLVA

LENGTH = 0.000 MI

COUNTY : GRAHAM

BRIDGE PRESERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #9 ON NC-28.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
307	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1.5")
23	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1	TON	ASPHALT BINDER FOR PLANT MIX
463	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
45	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
30	EA	DRUMS
20	EA	CONES
128	LF	BARRICADES (TYPE III)
224	HR	FLAGGER
2	EA	TMA
5,200	LF	PAINT PAVEMENT MARKING LINES (4")
60	EA	SNOWPLOWABLE PAVEMENT MARKERS
288	SF	REINFORCED CONCRETE DECK SLAB
9,737	SF	GROOVING BRIDGE FLOORS
1,146	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM AUXILIARY BEAM
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #9
Lump Sum	LS	GENERIC STRUCTURE ITEM EXPANSION JOINT SEAL EJ2
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY STEEL COVER FOR EX- PANSION JOINT SEAL REPAIR
86	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
1,278	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
1,302	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
1,278	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
4	EA	GENERIC STRUCTURE ITEM ELASTOMERIC BEARINGS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L120417 021****CONTRACT ID : C202262 33630.3.1****DIV OFFICE SYLVA****LENGTH = 0.231 MI****COUNTY : TRANSYLVANIA****GRADING, DRAINAGE, PAVING AND STRUCTURE.****DBE GOAL 9.0% COMPLETION DATE : DEC 31 2013****BRIDGE OVER DAVIDSON RIVER AND APPROACHES ON SR-1504.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+07.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
90	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
700	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
120	SF	TEMPORARY SHORING
40	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
130	SY	FOUNDATION CONDITIONING GEO- TEXTILE
52	LF	15" DRAINAGE PIPE
112	LF	15" SIDE DRAIN PIPE
144	LF	15" RC PIPE CULVERTS, CLASS IV
60	LF	36" RC PIPE CULVERTS, CLASS IV
64	LF	PIPE REMOVAL
500	CY	SHALLOW UNDERCUT
475	TON	CLASS IV SUBGRADE STABILIZA- TION
390	TON	AGGREGATE BASE COURSE
300	TON	INCIDENTAL STONE BASE
292	GAL	PRIME COAT
860	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
610	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
1,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
130	TON	ASPHALT BINDER FOR PLANT MIX
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
90	CY	SUBDRAIN EXCAVATION
68	CY	SUBDRAIN FINE AGGREGATE
400	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
4	CY	ENDWALLS
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
90	LF	SHOULDER BERM GUTTER
125	LF	CONCRETE EXPRESSWAY GUTTER
175	LF	STEEL BM GUARDRAIL
75	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
50	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
55	TON	RIP RAP, CLASS B
1,515	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
160	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
6	EA	SIGN ERECTION, TYPE E
15	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
328	SF	WORK ZONE SIGNS (STATIONARY)
256	SF	WORK ZONE SIGNS (PORTABLE)
113	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
120	EA	DRUMS

30	EA	CONES
196	LF	BARRICADES (TYPE III)
1,620	HR	FLAGGER
2	EA	TMA
50	EA	SKINNY DRUM
53	EA	TEMPORARY RAISED PAVEMENT MARKERS
24,261	LF	PAINT PAVEMENT MARKING LINES (4")
754	LF	PAINT PAVEMENT MARKING LINES (8")
86	LF	PAINT PAVEMENT MARKING LINES (16")
116	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
14	EA	PAINT PAVEMENT MARKING SYMBOL
2,400	LF	TEMPORARY SILT FENCE
285	TON	STONE FOR EROSION CONTROL, CLASS A
120	TON	STONE FOR EROSION CONTROL, CLASS B
410	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
430	CY	SILT EXCAVATION
15,200	SY	MATTING FOR EROSION CONTROL
55	SY	COIR FIBER MAT
225	SY	PERMANENT SOIL REINFORCEMENT MAT
555	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
90	LF	WATTLE
40	LB	POLYACRYLAMIDE (PAM)
245	LF	COIR FIBER BAFFLE
6	EA	** SKIMMER (1-1/2")
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (20+07.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+07.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+73.31-L-)
51	LF	3'-6" DIA DRILLED PIERS IN SOIL
48	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
39	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (20+07.00-L-)

100.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+07.00-L-)
20,110	LB	REINFORCING STEEL (BRIDGE)
2,686	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
240	LF	HP12X53 STEEL PILES
219.3	LF	TWO BAR METAL RAIL
235.48	LF	1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-9 1/2")
199	TON	RIP RAP CLASS II (2'-0" THICK)
221	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,877.33	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120417 022

CONTRACT ID : C203043 14CR.10441.9

DIV OFFICE SYLVA

LENGTH = 12.700 MI

COUNTY : HAYWOOD, TRANSYLVANIA

RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : AUG 24 2012

US-276 FROM BRIDGE #54 IN TRANSYLVANIA COUNTY TO FOREST SERVICE ROAD #256 IN HAYWOOD COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
9,011	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
604	TON	ASPHALT BINDER FOR PLANT MIX
156,311	SY	GENERIC PAVING ITEM
		FOG SEAL
680,720	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID**L120417 023****CONTRACT ID : C203007 14CR.10561.7****DIV OFFICE SYLVA****LENGTH = 14.390 MI****COUNTY : MACON****MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.****MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 19 2012****US-64 FROM SR-1533 TO NC-106 AND 1 SECTION OF SECONDARY ROAD.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
25.8	SMI	SHOULDER RECONSTRUCTION
2,323	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
41,810	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
11,657	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
14,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,581	TON	ASPHALT BINDER FOR PLANT MIX
4,896	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
48	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
96	LF	BARRICADES (TYPE III)
160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
275,058	LF	PAINT PAVEMENT MARKING LINES (4")
50	LF	PAINT PAVEMENT MARKING LINES (24")
225,200	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
768	EA	SNOWPLOWABLE PAVEMENT MARKERS