



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. Garris, PE, Contract Officer

A handwritten signature in black ink, appearing to read "R.A. Garris".

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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CENTURY CENTER COMPLEX
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RALEIGH NC



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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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. Garris, 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	Pay Unit
MSE Retaining Walls	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. Garris, 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

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NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1501 MAIL SERVICE CENTER
RALEIGH NC 27689-1501

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 MAR 20, 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 FEB 21, 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 L120320

RPN	Contract Id	WBS	County	Length	JobType
001	C202999	33730.3.1	CURRITUCK	0.109 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C203000	33813.3.1	TYRRELL	0.434 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C202914	34430.3.3	CAMDEN	4.823 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.
004	C202728	33692.3.1	BEAUFORT	0.350 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C202975	2C.054047	LENOIR	4.800 MI	WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION.
006	C202974	2C.054058	LENOIR	5.380 MI	RESURFACING.
007	C202982	2CR.10691 ETC.	PAMLICO	12.101 MI	WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.
008	C202984	2CR.10741	PITT	2.700 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
009	C202987	2CR.20521.7	JONES	12.210 MI	RESURFACING.
010	C202988	2CR.20401.7	GREENE	11.491 MI	RESURFACING.
011	C202983	2CR.20541.6	LENOIR	15.430 MI	MILLING & RESURFACING.
012	C202786	34552.3.2	JOHNSTON	1.552 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.
013	C202996	5CR.10921.37	WAKE	11.260 MI	WIDENING, GRADING, MILLING, RESURFACING, & SHOULDER RECONST.
014	C202976	17BP.6.P.2	BLADEN, ROBESON, CUMBERLAND	0.000 MI	BRIDGE PRESERVATION.
015	C202732	33757.3.1	HARNETT	0.223 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C202945	45462.3.1	COLUMBUS	8.500 MI	MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.
017	C202966	17BP.7.P.3	ROCKINGHAM, CASWELL	0.000 MI	BRIDGE PRESERVATION
018	C202973	17BP.8.P.1	HOKE, RICHMOND, MOORE, MONTGOMERY	0.000 MI	BRIDGE PRESERVATION
019	C202969	8.101911 ETC.	CHATHAM	27.453 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
020	C202970	8.207611 ETC.	RANDOLPH	61.678 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
021	C202965	17BP.9.P.2	DAVIDSON, ROWAN, DAVIE	0.690 MI	BRIDGE PERSERVATION.
022	C202784	33631.3.1	UNION	0.165 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
023	C202985	10CR.10901.29 ET	UNION	24.040 MI	MILLING, WIDENING, RESURFACING AND SHOULDER CONST & RECONST.
024	C202964	17BP.11.H.2	ASHE, WATAUGA, AVERY	0.000 MI	BRIDGE PRESERVATION.
025	C202968	17BP.11.P.1	YADKIN, SURRY	0.000 MI	BRIDGE PRESERVATION.
026	C202782	33272.3.1	CALDWELL	0.130 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
027	C202971	17BP.14.P.3	POLK, HENDERSON	0.000 MI	BRIDGE PRESERVATION.
028	C202972	17BP.14.P.4	SWAIN, HAYWOOD	0.000 MI	BRIDGE PRESERVATION.
029	C201166	33097.3.2	JACKSON	0.254 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
030	C202785	40461.3.1	TRANSYLVANIA	0.057 MI	GRADING, DRAINAGE, PAVING AND CULVERT.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 001

CONTRACT ID : C202999 33730.3.1

DIV OFFICE EDENTON

LENGTH = 0.109 MI

COUNTY : CURRITUCK

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAY 13 2013

BRIDGE OVER TULLS CREEK AND APPROACHES ON SR-1232.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+49.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
500	CY	UNDERCUT EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
2,150	TON	ROCK EMBANKMENTS
1,980	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENTS
190	SY	GENERIC GRADING ITEM ROCK PLATING
5	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEO- TEXTILE
40	LF	15" RC PIPE CULVERTS, CLASS IV
1	EA	PIPE CLEAN-OUT
380	TON	#57 STONE
210	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
240	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
1	EA	MODIFIED CONCRETE FLUME
337.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
5	TON	RIP RAP, CLASS B
465	SY	GEOTEXTILE FOR DRAINAGE
6	EA	DISPOSAL OF SIGN SYSTEM, WOOD
270	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
4,600	LF	PAINT PAVEMENT MARKING LINES (4")
1,255	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
25	TON	STONE FOR EROSION CONTROL, CLASS B
85	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
475	LF	SAFETY FENCE
30	CY	SILT EXCAVATION
1,500	SY	MATTING FOR EROSION CONTROL
370	LF	1/4" HARDWARE CLOTH
150	SY	FLOATING TURBIDITY CURTAIN
10	LF	COIR FIBER BAFFLE
1.5	ACR	SEEDING & MULCHING

1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+49.00-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+49.00-L-)
50.6	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+49.00-L-)
8,542	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
500	LF	12" PRESTRESSED CONCRETE PILES
600	LF	16" PRESTRESSED CONCRETE PILES
12	EA	PILE REDRIVES
239.75	LF	VERTICAL CONCRETE BARRIER RAIL
126	TON	RIP RAP, CLASS ** CLASS I (2'-0" THICK)
141	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,315.88	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 002

CONTRACT ID : C203000 33813.3.1

DIV OFFICE EDENTON

LENGTH = 0.434 MI

COUNTY : TYRRELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : MAY 29 2014

BRIDGE #6 OVER NORTHWEST FORK AND APPROACHES ON NC-94.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+90)
1,375	CY	UNDERCUT EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
Lump Sum	LS	GRADING
4,010	CY	BORROW EXCAVATION
2,900	CY	SELECT GRANULAR MATERIAL, CLASS III
1,300	SY	GEOTEXTILE FOR SOIL STABILIZATION
1,500	SF	TEMPORARY SHORING
77	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
210	SY	FOUNDATION CONDITIONING GEOTEXTILE
44	LF	15" DRAINAGE PIPE
60	LF	15" RC PIPE CULVERTS, CLASS III
2	TON	AGGREGATE BASE COURSE
1,620	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
750	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
125	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
112	CY	SUBDRAIN EXCAVATION
84	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
1.4	CY	ENDWALLS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
2	EA	*** SLUICE GATE (15")
40	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
275	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
5	TON	RIP RAP, CLASS B
465	SY	GEOTEXTILE FOR DRAINAGE
284	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
45	EA	DRUMS
60	DAY	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	RESET TEMPORARY CRASH CUSHION
525	LF	PORTABLE CONCRETE BARRIER
200	LF	RESET PORTABLE CONCRETE BARRIER
365	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
166	EA	TEMPORARY RAISED PAVEMENT MARKERS
25,140	LF	PAINT PAVEMENT MARKING LINES (4")
2,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,940	LF	6" WATER LINE
2	EA	6" VALVE

1,900	LF	ABANDON 6" UTILITY PIPE
1,200	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
125	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
5,595	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
60	TON	STONE FOR EROSION CONTROL, CLASS B
135	TON	SEDIMENT CONTROL STONE
3.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4,300	LF	SAFETY FENCE
500	CY	SILT EXCAVATION
1,515	SY	MATTING FOR EROSION CONTROL
770	SY	COIR FIBER MAT
560	LF	1/4" HARDWARE CLOTH
500	SY	FLOATING TURBIDITY CURTAIN
75	LF	COIR FIBER WATTLE
220	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
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.52	ACR	WETLAND REFORESTATION
0.52	ACR	GENERIC EROSION CONTROL ITEM DISKING
0.52	ACR	GENERIC EROSION CONTROL ITEM RIPPING

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+90.00-L-)
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (26+90.00-L-)
115.5	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+90.00-L-)
22,717	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
930	LF	HP12X53 STEEL PILES
12	EA	PIPE PILE PLATES
54	EA	PILE REDRIVES
720.5	LF	TWO BAR METAL RAIL
735.5	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-7 1/2")
231	TON	RIP RAP CLASS II (2'-0" THICK)
257	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
4,402.5	LF	3'-0" X 1'-9" PRESTRESSED CONCRETE SLABS
2,670	LF	GENERIC STRUCTURE ITEM HP 14 X 73 METALLIZED STEEL PILES
1,080	LF	GENERIC STRUCTURE ITEM PP 24 X 0.50 METALLIZED STEEL PILES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 003

CONTRACT ID : C202914 34430.3.3

DIV OFFICE EDENTON

LENGTH = 4.823 KM

COUNTY : CAMDEN

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : MAY 01 2015

US-158 FROM SOUTH OF SR-1139 TO EAST OF NC-34 IN BELCROSS.

ROADWAY ITEMS					
			1,000	MTN	INCIDENTAL STONE BASE
			2,250	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			26,500	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			440	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			23,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			1,720	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			22,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			2,561	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			1,320	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			490	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
			9,650	M3	SUBDRAIN EXCAVATION
			32,000	M2	FILTER FABRIC FOR SUBSURFACE DRAINS
			4,850	M3	SUBDRAIN COARSE AGGREGATE
			11,648	M	150MM PERFORATED SUBDRAIN PIPE
			78	EA	SUBDRAIN PIPE OUTLETS
			156	M	150MM OUTLET PIPE (SUBDRAINS)
			4	M3	ENDWALLS
			2	M3	PIPE COLLARS
			1	M3	PIPE PLUGS
			192	EA	MASONRY DRAINAGE STRUCTURES
			10	M	MASONRY DRAINAGE STRUCTURES
			39	EA	FRAME WITH TWO GRATES, STD 840.16
			1	EA	FRAME WITH TWO GRATES, STD 840.24
			33	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			48	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			71	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
			30	M	*** X ***MM CONCRETE CURB (200MM X 400MM)
			1,400	M	*** X ***MM CONCRETE CURB (200MM X 450MM)
			9,160	M	750MM CONCRETE CURB & GUTTER
			580	M2	100MM CONCRETE SIDEWALK
			650	M2	150MM CONCRETE DRIVEWAY
			1,200	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			29	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
			552.45	M	STEEL BM GUARDRAIL
			7	M	STEEL BM GUARDRAIL, SHOP CURVED
			1	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			10	EA	ADDITIONAL GUARDRAIL POSTS
			10	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			42	M	REMOVE EXISTING GUARDRAIL
			87.63	M	TEMPORARY STEEL BM GUARDRAIL
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			230	M	CHAIN LINK FENCE RESET
			23	M	GENERIC FENCING ITEM WOOD FENCE RESET
			185	MTN	RIP RAP, CLASS I
			125	MTN	RIP RAP, CLASS B
			5,250	M2	FILTER FABRIC FOR DRAINAGE
			1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			610	M	SUPPORTS, WOOD
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)			
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING			
14,500	M3	UNCLASSIFIED EXCAVATION			
13,293	M3	UNDERCUT EXCAVATION			
21,900	M3	SHALLOW UNDERCUT			
75,000	MTN	CLASS IV SUBGRADE STABILIZATION			
86,000	M3	BORROW EXCAVATION			
6	EA	EMBANKMENT SETTLEMENT GAUGES			
2,400	M3	DRAINAGE DITCH EXCAVATION			
10,600	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			
9,014	M3	SELECT GRANULAR MATERIAL, CLASS III			
350	M2	FABRIC FOR SOIL STABILIZATION			
84	M2	TEMPORARY SHORING			
11,284	M3	GENERIC GRADING ITEM FOAMED CONCRETE			
7,505	M2	GENERIC GRADING ITEM EMBANKMENT STABILIZATION FABRIC			
72,400	M2	GENERIC GRADING ITEM FABRIC FOR SUBGRADE STABILIZATION			
17,488	M2	GENERIC GRADING ITEM WELDED WIRE FABRIC FOR FOAMED CONCRETE			
100	MTN	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL			
60	M	GENERIC GRADING ITEM TEMPORARY SHEETING			
19,118	M	GENERIC GRADING ITEM TREATED TIMBER PILES (FOAMED CONCRETE EMBANKMENT)			
5	EA	GENERIC GRADING ITEM CONTAMINATED WATER STORAGE VESSEL DAILY RENTAL			
8	EA	GENERIC GRADING ITEM PDA ASSISTANCE (FOAMED CONCRETE EMBANKMENT)			
8	EA	GENERIC GRADING ITEM PDA TESTING (FOAMED CONCRETE EMBANKMENT)			
2,340	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
5,120	M2	FOUNDATION CONDITIONING FABRIC			
18	M	*** X ***MM CAA STRUCTURAL PLATE PIPE ARCH, ***** THICK (1524MM X 1168MM , 2.77MM)			
24	M	GENERIC PIPE ITEM 375MM DI PIPE			
9.6	M	GENERIC PIPE ITEM 1500MM RC PIPE CULVERTS, CLASS III			
14.4	M	GENERIC PIPE ITEM 300MM SIDE DRAIN PIPE			
78.4	M	GENERIC PIPE ITEM 375MM SIDE DRAIN PIPE			
7.2	M	GENERIC PIPE ITEM 450MM SIDE DRAIN PIPE			
14.4	M	GENERIC PIPE ITEM 600MM SIDE DRAIN PIPE			
3	EA	GENERIC PIPE ITEM 375MM X 375MM X 375MM RC PIPE TEES, CLASS III			
2	EA	GENERIC PIPE ITEM 450MM X 450MM X 375MM RC PIPE TEES, CLASS III			
1	EA	GENERIC PIPE ITEM 600MM X 600MM X 375MM RC PIPE TEES, CLASS III			
1,500	M	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
1,170	MTN	AGGREGATE BASE COURSE			

			13	M	TRENCHLESS INSTALLATION OF 75MM NOT IN SOIL
			115	M	TRENCHLESS INSTALLATION OF 250MM IN SOIL
7	EA	SIGN ERECTION, TYPE D	13	M	TRENCHLESS INSTALLATION OF 250MM NOT IN SOIL
52	EA	SIGN ERECTION, TYPE E	265	M	TRENCHLESS INSTALLATION OF 300MM IN SOIL
21	EA	SIGN ERECTION, TYPE F	30	M	TRENCHLESS INSTALLATION OF 300MM NOT IN SOIL
75	EA	DISPOSAL OF SIGN SYSTEM, WOOD	15,000	M	TEMPORARY SILT FENCE
57	M2	WORK ZONE SIGNS (STATIONARY)	4,070	MTN	STONE FOR EROSION CONTROL, CLASS A
39	M2	WORK ZONE SIGNS (PORTABLE)	7,780	MTN	STONE FOR EROSION CONTROL, CLASS B
13	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	6,080	MTN	SEDIMENT CONTROL STONE
2	EA	FLASHING ARROW PANELS, TYPE C	50	HA	TEMPORARY MULCHING
60	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)	825	KG	SEED FOR TEMPORARY SEEDING
482	EA	DRUMS	6.75	MTN	FERTILIZER FOR TEMPORARY SEEDING
482	EA	CONES	1,000	M	TEMPORARY SLOPE DRAINS
30	M	BARRICADES (TYPE III)	50	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
540	MD	FLAGGER	300	M	SAFETY FENCE
8	EA	TEMPORARY CRASH CUSHIONS	10,800	M3	SILT EXCAVATION
4	EA	RESET TEMPORARY CRASH CUSHIONS	12,900	M2	MATTING FOR EROSION CONTROL
2	EA	TMA	200	M2	COIR FIBER MAT
1,280	M	PORTABLE CONCRETE BARRIER	4,200	M	6.4MM HARDWARE CLOTH
530	M	PORTABLE CONCRETE BARRIER (ANCHORED)	160	M	***MM TEMPORARY PIPE (450MM)
16	HR	LAW ENFORCEMENT	50	M2	FLOATING TURBIDITY CURTAIN
297	EA	TEMPORARY RAISED PAVEMENT MARKERS	275	M3	STILLING BASINS
2,135	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	100	M	WATTLE
15,813	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	50	KG	POLYACRYLAMIDE (PAM)
500	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	2,000	M	COIR FIBER BAFFLE
80	M	THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM)	16	EA	***MM SKIMMER (38MM)
362	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	30	HA	SEEDING & MULCHING
23	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	30	HA	MOWING
219	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1,550	KG	SEED FOR REPAIR SEEDING
305	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	5.25	MTN	FERTILIZER FOR REPAIR SEEDING
17,672	M	PAINT PAVEMENT MARKING LINES (100MM)	1,300	KG	SEED FOR SUPPLEMENTAL SEEDING
95	M	PAINT PAVEMENT MARKING LINES (200MM)	77	MTN	FERTILIZER TOPDRESSING
100	M	PAINT PAVEMENT MARKING LINES (300MM)	460	M	IMPERVIOUS DIKE
30	M	PAINT PAVEMENT MARKING LINES (400MM)	20	MHR	SPECIALIZED HAND MOWING
246	M	PAINT PAVEMENT MARKING LINES (600MM)	75	EA	RESPONSE FOR EROSION CONTROL
4	EA	PAINT PAVEMENT MARKING CHARACTER	5	HA	REFORESTATION
29	EA	PAINT PAVEMENT MARKING SYMBOL	8,000	M3	GENERIC EROSION CONTROL ITEM BORROW PIT DEWATERING BASIN
3,061	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	3	M3	CONCRETE STEPS
18	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)	2	EA	PEDESTRIAN SIGNAL HEAD (***MM, ** SECTION)
11	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	2,268	M	SIGNAL CABLE
989	EA	PERMANENT RAISED PAVEMENT MARKERS	16	EA	VEHICLE SIGNAL HEAD (300MM, 1 SECTION)
95	M	50MM WATER LINE	30	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
153	M	150MM WATER LINE	9	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
228	M	200MM WATER LINE	9	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
716	M	250MM WATER LINE	516	M	MESSENGER CABLE (9.52MM)
1,036	M	300MM WATER LINE	628	M	UNPAVED TRENCHING (*****) (1, 50MM)
1	EA	50MM VALVE	32	M	UNPAVED TRENCHING (*****) (2, 50MM)
2	EA	150MM VALVE	138	M	DIRECTIONAL DRILL (*****) (2, 50MM)
1	EA	200MM VALVE	177	M	DIRECTIONAL DRILL (*****) (3, 50MM)
4	EA	250MM VALVE	16	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	300MM VALVE	10	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
54	EA	RELOCATE WATER METER	14	EA	WOOD POLE
1	EA	RECONNECT WATER METER	26	EA	GUY ASSEMBLY
10	EA	RELOCATE FIRE HYDRANT	3	EA	25MM RISER WITH WEATHERHEAD
19	M	***MM FORCE MAIN SEWER (40MM)	11	EA	50MM RISER WITH WEATHERHEAD
286	M	***MM FORCE MAIN SEWER (75MM)	1,459	M	INDUCTIVE LOOP SAWCUT
30	M	50MM FORCE MAIN SEWER	3,848	M	LEAD-IN CABLE (***** (14-2)
29	M	100MM FORCE MAIN SEWER	6	EA	METAL POLE WITH SINGLE MAST ARM
112	M	ABANDON ***MM UTILITY PIPE (50MM)	2	EA	METAL POLE WITH DUAL MAST ARM
101	M	ABANDON 150MM UTILITY PIPE	8	EA	SOIL TEST
188	M	ABANDON 200MM UTILITY PIPE	43	M3	DRILLED PIER FOUNDATION
667	M	ABANDON 250MM UTILITY PIPE	7	EA	MAST ARM WITH METAL POLE DESIGN
899	M	ABANDON 300MM UTILITY PIPE	6	EA	SIGN FOR SIGNALS
112	M	TRENCHLESS INSTALLATION OF 75MM IN SOIL	3	EA	SIGNAL CABINET FOUNDATION
			3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			16	EA	DETECTOR CARD (TYPE 2070L)

- 3 EA CABINET BASE EXTENDER
- 1 EA BEACON CONTROLLER ASSEMBLY & CABINET (*****)
(F1)
- 10 EA GENERIC SIGNAL ITEM
OPTICAL PREEMPTION DETECTOR
- 3 EA GENERIC SIGNAL ITEM
OPTICAL PREEMPTION PHASE SE-
LECTOR

***** BEGIN SCHEDULE AA *****
***** (2 ALTERNATES) *****

- 2,931.6 M GENERIC PIPE ITEM
375MM RC PIPE CULVERTS, CLASS
III
- 1,353.6 M GENERIC PIPE ITEM
450MM RC PIPE CULVERTS, CLASS
III
- 740.4 M GENERIC PIPE ITEM
600MM RC PIPE CULVERTS, CLASS
III
- 224.4 M GENERIC PIPE ITEM
750MM RC PIPE CULVERTS, CLASS
III
- 65.2 M GENERIC PIPE ITEM
900MM RC PIPE CULVERTS, CLASS
III
- *** OR ***
- 376.8 M ***** HDPE PIPE CULVERTS
(375MM)
- 240 M ***** HDPE PIPE CULVERTS
(450MM)
- 118.8 M ***** HDPE PIPE CULVERTS
(600MM)
- 63.6 M ***** HDPE PIPE CULVERTS
(750MM)
- 25.2 M ***** HDPE PIPE CULVERTS
(900MM)
- 2,554.8 M GENERIC PIPE ITEM
375MM RC PIPE CULVERTS, CLASS
III
- 1,113.6 M GENERIC PIPE ITEM
450MM RC PIPE CULVERTS, CLASS
III
- 621.6 M GENERIC PIPE ITEM
600MM RC PIPE CULVERTS, CLASS
III
- 160.8 M GENERIC PIPE ITEM
750MM RC PIPE CULVERTS, CLASS
III
- 40 M GENERIC PIPE ITEM
900MM RC PIPE CULVERTS, CLASS
III

*** END SCHEDULE AA ***

CULVERT ITEMS

- 4 EA PDA TESTING
- 4 EA PDA ASSISTANCE
- Lump Sum LS CULVERT EXCAVATION, STA *****
(55+81.000-L-)
- Lump Sum LS CULVERT EXCAVATION, STA *****
(73+49.000-L-)
- Lump Sum LS CULVERT EXCAVATION, STA *****
(89+00.500-L-)
- 161 MTN FOUNDATION CONDITIONING MATER-
IAL, BOX CULVERT
- 263.7 M3 CLASS A CONCRETE (CULVERT)
- 25,770 KG EPOXY COATED REINFORCING STEEL
(CULVERT)
- 2,098 M TREATED TIMBER PILES
- 50 EA PILE REDRIVES
- Lump Sum LS GENERIC CULVERT ITEM
ALUMINUM BOX CULVERT
- 519 MTN GENERIC CULVERT ITEM
CULVERT BACKFILL
- 106 MTN GENERIC CULVERT ITEM
FOUNDATION MATERIAL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 004

CONTRACT ID : C202728 33692.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.350 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : APR 12 2014

BRIDGE OVER THE NORFOLK SOUTHERN RAILWAY AND APPROACHES ON NC-33.

ROADWAY ITEMS

			5,988	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			123	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION *****	133,500	LF	PAINT PAVEMENT MARKING LINES (4")
		(16+92.27)			
Lump Sum	LS	GRADING	680	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
	1	ACR SUPPLEMENTARY CLEARING & GRUB-BING			(HIGHLY REFLECTIVE ELEMENTS)
	1,300	CY UNDERCUT EXCAVATION	1,723	EA	PERMANENT RAISED PAVEMENT MARKERS
	180	CY DRAINAGE DITCH EXCAVATION	150	LF	2" WATER LINE
	300	CY SELECT GRANULAR MATERIAL	10	LF	4" WATER LINE
	400	SY FABRIC FOR SOIL STABILIZATION	505	LF	6" WATER LINE
	7,050	SY GENERIC GRADING ITEM REINFORCED SOIL SLOPE	1,840	LF	8" WATER LINE
	70	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	410	LF	10" WATER LINE
	200	SY FOUNDATION CONDITIONING FABRIC	1	EA	2" VALVE
	140	LF 15" DRAINAGE PIPE	5	EA	6" VALVE
	96	LF 18" DRAINAGE PIPE	7	EA	8" VALVE
	4	EA *** DRAINAGE PIPE ELBOWS (15")	4	EA	RELOCATE WATER METER
	280	LF 15" RC PIPE CULVERTS, CLASS IV	5	EA	RECONNECT WATER METER
	68	LF 15" CS PIPE CULVERTS, 0.064" THICK	2	EA	FIRE HYDRANT
	2	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	460	LF	2" FORCE MAIN SEWER
	32	LF PIPE REMOVAL	1,800	LF	ABANDON 6" UTILITY PIPE
	415	TON AGGREGATE BASE COURSE	240	LF	ABANDON 8" UTILITY PIPE
	1,000	TON INCIDENTAL STONE BASE	190	LF	ABANDON 10" UTILITY PIPE
	2,860	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	3	EA	REMOVE WATER METER
	1,140	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2	EA	REMOVE FIRE HYDRANT
	1,270	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	125	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
	6,350	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1	EA	GENERIC UTILITY ITEM RECONNECT EXISTING SEWER SERVICE
	685	TON ASPHALT BINDER FOR PLANT MIX	5	EA	GENERIC UTILITY ITEM SEWER VALVE ASSEMBLY
	500	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	5,900	LF	TEMPORARY SILT FENCE
	22.4	CY SUBDRAIN EXCAVATION	520	TON	STONE FOR EROSION CONTROL, CLASS A
	16.8	CY SUBDRAIN FINE AGGREGATE	530	TON	STONE FOR EROSION CONTROL, CLASS B
	100	LF 6" PERFORATED SUBDRAIN PIPE	395	TON	SEDIMENT CONTROL STONE
	1	EA SUBDRAIN PIPE OUTLETS	7.5	ACR	TEMPORARY MULCHING
	6	LF 6" OUTLET PIPE (SUBDRAINS)	250	LB	SEED FOR TEMPORARY SEEDING
	11	EA MASONRY DRAINAGE STRUCTURES	2	TON	FERTILIZER FOR TEMPORARY SEEDING
	1	EA FRAME WITH TWO GRATES, STD 840.24	1,000	LF	TEMPORARY SLOPE DRAINS
	10	EA FRAME WITH TWO GRATES, STD 840.29	20	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	220	LF 2'-6" CONCRETE CURB & GUTTER	970	CY	SILT EXCAVATION
	2,015	LF SHOULDER BERM GUTTER	9,650	SY	MATTING FOR EROSION CONTROL
	240	LF CONCRETE EXPRESSWAY GUTTER	30	SY	COIR FIBER MAT
	50	SY 6" CONCRETE DRIVEWAY	7,050	SY	PERMANENT SOIL REINFORCEMENT MAT
	1,975	LF STEEL BM GUARDRAIL	870	LF	1/4" HARDWARE CLOTH
	5	EA ADDITIONAL GUARDRAIL POSTS	800	LF	WATTLE
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350	220	LB	POLYACRYLAMIDE (PAM)
	4	EA GUARDRAIL ANCHOR UNITS, TYPE B-77	305	LF	COIR FIBER BAFFLE
	2,218	LF REMOVE EXISTING GUARDRAIL	3	EA	*** SKIMMER (1-1/2")
	6	TON RIP RAP, CLASS B	6	ACR	SEEDING & MULCHING
	950	SY FILTER FABRIC FOR DRAINAGE	6	ACR	MOWING
	3	SF CONTRACTOR FURNISHED, TYPE *** SIGN (7)	100	LB	SEED FOR REPAIR SEEDING
	20	LF SUPPORTS, 3-LB STEEL U-CHANNEL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
	359	SF WORK ZONE SIGNS (STATIONARY)	200	LB	SEED FOR SUPPLEMENTAL SEEDING
	94	SF WORK ZONE SIGNS (BARRICADE MOUNTED)	5.5	TON	FERTILIZER TOPDRESSING
	80	EA DRUMS	25	MHR	SPECIALIZED HAND MOWING
	80	LF BARRICADES (TYPE III)	18	EA	RESPONSE FOR EROSION CONTROL
	5,733	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			

STRUCTURE ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+92.27-L-)

1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+92.27-L-)
5,909	SF	REINFORCED CONCRETE DECK SLAB
6,198	SF	GROOVING BRIDGE FLOORS
80	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+92.27-L-)
11,236	LB	REINFORCING STEEL (BRIDGE)
288,000	LS	APPROX LBS STRUCTURAL STEEL
840	LF	HP14X73 STEEL PILES
12	EA	PILE REDRIVES
375.27	LF	CONCRETE BARRIER RAIL
1,165	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 005

CONTRACT ID : C202975 2C.054047

DIV OFFICE GREENVILLE

LENGTH = 4.800 MI

COUNTY : LENOIR

WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : JUN 30 2012

1 SECTION OF SR-1091.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
800	CY	BORROW EXCAVATION
10	TON	INCIDENTAL STONE BASE
9.6	SMI	SHOULDER RECONSTRUCTION
4,066	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,811	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
5,773	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,037	TON	ASPHALT BINDER FOR PLANT MIX
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
6	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 006

CONTRACT ID : C202974 2C.054058

DIV OFFICE GREENVILLE

LENGTH = 5.380 MI

COUNTY : LENOIR

RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : AUG 01 2012

1 SECTION OF SR-1141.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
250	SY	INCIDENTAL MILLING
10,987	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
6,337	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
955	TON	ASPHALT BINDER FOR PLANT MIX
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 007

CONTRACT ID : C202982 2CR.10691

DIV OFFICE GREENVILLE

LENGTH = 12.101 MI

COUNTY : PAMLICO

WIDENING, RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 4.0% COMPLETION DATE : NOV 15 2012

NC-306 FROM SOUTH OF INTERSECTION WITH NC-55 TO ENTRANCE OF FERRY TERMINAL.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
580	CY	BORROW EXCAVATION
228	TON	INCIDENTAL STONE BASE
23.2	SMI	SHOULDER RECONSTRUCTION
13,454	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
32,750	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
18,372	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,266	TON	ASPHALT BINDER FOR PLANT MIX
20	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
130,196	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
82,310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
852	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
211,512	LF	PAINT PAVEMENT MARKING LINES (4")
688	LF	PAINT PAVEMENT MARKING LINES (24")
6	EA	PAINT PAVEMENT MARKING SYMBOL
712	EA	SNOWPLOWABLE PAVEMENT MARKERS
6	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 008

CONTRACT ID : C202984 2CR.10741

DIV OFFICE GREENVILLE

LENGTH = 2.700 MI

COUNTY : PITT

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : NOV 15 2012

NC-102 FROM NC-11 TO NC-903.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
80	CY	BORROW EXCAVATION
50	TON	INCIDENTAL STONE BASE
5	SMI	SHOULDER RECONSTRUCTION
8,683	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
2,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
6,485	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
4,279	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
698	TON	ASPHALT BINDER FOR PLANT MIX
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
29,124	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
16,615	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
144	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
21	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
44,948	LF	PAINT PAVEMENT MARKING LINES (4")
288	LF	PAINT PAVEMENT MARKING LINES (8")
144	LF	PAINT PAVEMENT MARKING LINES (24")
21	EA	PAINT PAVEMENT MARKING SYMBOL
231	EA	SNOWPLOWABLE PAVEMENT MARKERS
6	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 009

CONTRACT ID : C202987 2CR.20521.7

DIV OFFICE GREENVILLE

LENGTH = 12.210 MI

COUNTY : JONES

RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 01 2012

1 SECTION OF SR-1002.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
15,279	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,024	TON	ASPHALT BINDER FOR PLANT MIX
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 010

CONTRACT ID : C202988 2CR.20401.7

DIV OFFICE GREENVILLE

LENGTH = 11.491 MI

COUNTY : GREENE

RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 01 2012

4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
500	SY	INCIDENTAL MILLING
13,794	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
924	TON	ASPHALT BINDER FOR PLANT MIX
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 011

CONTRACT ID : C202983 2CR.20541.6

DIV OFFICE GREENVILLE

LENGTH = 15.430 MI

COUNTY : LENOIR

MILLING & RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 01 2012

6 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
25,990	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
22,544	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,459	TON	ASPHALT BINDER FOR PLANT MIX
75	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	EA	ADJUSTMENT OF MANHOLES
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
300	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 012

CONTRACT ID : C202786 34552.3.2

DIV OFFICE WILSON

LENGTH = 1.552 MI

COUNTY : JOHNSTON

WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 11.0% COMPLETION DATE : MAR 28 2014

NC-42 FROM US-70 AT CLAYTON TO EAST OF SR-1902.

ROADWAY ITEMS				
			0.52	LF MASONRY DRAINAGE STRUCTURES
			7	EA FRAME WITH TWO GRATES, STD 840.16
			3	EA FRAME WITH TWO GRATES, STD 840.24
			7	EA FRAME WITH TWO GRATES, STD 840.29
			5	EA CONCRETE TRANSITIONAL SECTION FOR DROP INLET
			700	LF ***_*** CONCRETE CURB & GUTTER (2'-9")
			8,550	LF 1'-6" CONCRETE CURB & GUTTER
			560	LF SHOULDER BERM GUTTER
			25	SY 4" CONCRETE PAVED DITCH
			1,060	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1,187.5	LF STEEL BM GUARDRAIL
			10	EA ADDITIONAL GUARDRAIL POSTS
			4	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
			927	LF REMOVE EXISTING GUARDRAIL
			550	TON RIP RAP, CLASS I
			250	TON RIP RAP, CLASS II
			120	TON RIP RAP, CLASS B
			3,140	SY GEOTEXTILE FOR DRAINAGE
			1,244	LF SUPPORTS, 3-LB STEEL U-CHANNEL
			4	EA SIGN ERECTION, TYPE D
			49	EA SIGN ERECTION, TYPE E
			10	EA SIGN ERECTION, TYPE F
			1	EA SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (E)
			26	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			1	EA DISPOSAL OF SUPPORT, U-CHANNEL
			270	SF WORK ZONE SIGNS (STATIONARY)
			336	SF WORK ZONE SIGNS (PORTABLE)
			80	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			3	EA FLASHING ARROW BOARD
			90	DAY PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
			300	EA DRUMS
			50	EA CONES
			192	LF BARRICADES (TYPE III)
			1,440	HR FLAGGER
			8	EA TEMPORARY CRASH CUSHIONS
			2	EA TMA
			400	LF PORTABLE CONCRETE BARRIER
			500	LF PORTABLE CONCRETE BARRIER (ANCHORED)
			52	LF WATER FILLED BARRIER
			52	LF RESET WATER FILLED BARRIER
			339	EA TEMPORARY RAISED PAVEMENT MARKERS
			22,313	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			13,207	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			1,099	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			250	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			215	LF THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
			722	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			22	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			84	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			89,636	LF PAINT PAVEMENT MARKING LINES (4")
			1,970	LF PAINT PAVEMENT MARKING LINES (8")
			430	LF PAINT PAVEMENT MARKING LINES (16")
Lump Sum	LS	MOBILIZATION		
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING		
31,900	CY	UNCLASSIFIED EXCAVATION		
1,650	CY	UNDERCUT EXCAVATION		
18,000	CY	BORROW EXCAVATION		
640	CY	DRAINAGE DITCH EXCAVATION		
500	LF	BERM DITCH CONSTRUCTION		
11,500	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		
10	HR	PROOF ROLLING		
1,500	CY	SELECT GRANULAR MATERIAL		
2,100	SY	GEOTEXTILE FOR SOIL STABILIZA- TION		
1,500	SF	TEMPORARY SHORING		
470	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES		
2,010	SY	FOUNDATION CONDITIONING GEO- TEXTILE		
492	LF	15" DRAINAGE PIPE		
276	LF	18" DRAINAGE PIPE		
332	LF	24" DRAINAGE PIPE		
104	LF	30" DRAINAGE PIPE		
48	LF	42" DRAINAGE PIPE		
5	EA	*** DRAINAGE PIPE ELBOWS (15")		
1	EA	*** DRAINAGE PIPE ELBOWS (18")		
36	LF	18" SIDE DRAIN PIPE		
756	LF	*** RC PIPE CULVERTS, CLASS ***** (15", V)		
144	LF	*** RC PIPE CULVERTS, CLASS ***** (30", V)		
132	LF	*** RC PIPE CULVERTS, CLASS ***** (60", V)		
120	LF	*** RC PIPE CULVERTS, CLASS ***** (66", V)		
48	LF	18" RC PIPE CULVERTS, CLASS III		
224	LF	18" RC PIPE CULVERTS, CLASS IV		
794	LF	PIPE REMOVAL		
Lump Sum	LS	FINE GRADING		
500	TON	STABILIZER AGGREGATE		
1,000	TON	INCIDENTAL STONE BASE		
750	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
13,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C		
360	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
12,530	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		
780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
11,280	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C		
1,940	TON	ASPHALT BINDER FOR PLANT MIX		
421	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
41	EA	RIGHT OF WAY MARKERS		
8	EA	CONTROL OF ACCESS MARKERS		
67.2	CY	SUBDRAIN EXCAVATION		
33.6	CY	SUBDRAIN FINE AGGREGATE		
200	LF	6" PERFORATED SUBDRAIN PIPE		
1	EA	SUBDRAIN PIPE OUTLET		
6	LF	6" OUTLET PIPE		
4.5	CY	ENDWALLS		
11.9	CY	REINFORCED ENDWALLS		
2,225	CY	PIPE COLLARS		
3	CY	FLOWABLE FILL		
18	EA	MASONRY DRAINAGE STRUCTURES		

830	LF	PAINT PAVEMENT MARKING LINES (24")
18	EA	PAINT PAVEMENT MARKING CHARAC- TER
27	EA	PAINT PAVEMENT MARKING SYMBOL
19,042	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
532	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
310	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
23	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
722	EA	PERMANENT RAISED PAVEMENT MARKERS
45	LF	6" WATER LINE
890	LF	12" WATER LINE
1	EA	8" VALVE
1	EA	12" VALVE
1	EA	2" AIR RELEASE VALVE
5	EA	RELOCATE WATER METER
6	EA	RELOCATE FIRE HYDRANT
920	LF	8" FORCE MAIN SEWER
40	LF	10" FORCE MAIN SEWER
4,915	LF	TEMPORARY SILT FENCE
1,165	TON	STONE FOR EROSION CONTROL, CLASS A
800	TON	STONE FOR EROSION CONTROL, CLASS B
440	TON	SEDIMENT CONTROL STONE
40	ACR	TEMPORARY MULCHING
1,300	LB	SEED FOR TEMPORARY SEEDING
6.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
945	LF	TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
5,770	CY	SILT EXCAVATION
29,250	SY	MATTING FOR EROSION CONTROL
180	SY	COIR FIBER MAT
4,830	SY	PERMANENT SOIL REINFORCEMENT MAT
875	LF	1/4" HARDWARE CLOTH
3,780	LF	COIR FIBER WATTLE
1,420	LB	POLYACRYLAMIDE (PAM)
1,730	LF	COIR FIBER BAFFLE
17	EA	*** SKIMMER (1-1/2")
36	ACR	SEEDING & MULCHING
20	ACR	MOWING
450	LB	SEED FOR REPAIR SEEDING
1.25	TON	FERTILIZER FOR REPAIR SEEDING
800	LB	SEED FOR SUPPLEMENTAL SEEDING
23.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
75	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
6,942	LF	SIGNAL CABLE
56	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
8	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
2	EA	LOUVER
3,010	LF	MESSENGER CABLE (3/8")
2,270	LF	UNPAVED TRENCHING (***** (1, 2")
2,460	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
23	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	WOOD POLE
22	EA	GUY ASSEMBLY
2	EA	1" RISER WITH WEATHERHEAD
5	EA	2" RISER WITH WEATHERHEAD
6,482	LF	INDUCTIVE LOOP SAWCUT
15,717	LF	LEAD-IN CABLE (***** (14-2)
12	EA	METAL STRAIN SIGNAL POLE
12	EA	SOIL TEST
84	CY	DRILLED PIER FOUNDATION
20	EA	SIGN FOR SIGNALS
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
12	EA	DETECTOR CARD (TYPE 2070L)
2	EA	CABINET BASE EXTENDER

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 013

CONTRACT ID : C202996

5CR.10921.37

DIV OFFICE DURHAM

LENGTH = 11.260 MI

COUNTY : WAKE

WIDENING, GRADING, MILLING, RESURFACING, & SHOULDER RECONST.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : DEC 01 2012

US-1 FROM CHATHAM COUNTY LINE TO SR-1009 (TRYON RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM GRADING FOR RAMP WIDENING
50	CY	UNDERCUT EXCAVATION
295	CY	BORROW EXCAVATION
53.3	SMI	GENERIC GRADING ITEM SHOULDER GRADING
1,255	TON	AGGREGATE BASE COURSE
628	TON	INCIDENTAL STONE BASE
411,688	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
352	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5-1/2")
311	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
169	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
41,903	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,493	TON	ASPHALT BINDER FOR PLANT MIX
500	TON	PATCHING EXISTING PAVEMENT
115,316	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
123,792	SY	GENERIC PAVING ITEM FOG SEAL
1	EA	ADJUSTMENT OF MANHOLES
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
2,000	HR	LAW ENFORCEMENT
246,532	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
31,994	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
8,912	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
61	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,267	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3,690	LF	TEMPORARY SILT FENCE
6,360	SY	MATTING FOR EROSION CONTROL
8,430	LF	WATTLE
587	LB	POLYACRYLAMIDE (PAM)
31.67	ACR	SEEDING & MULCHING
1,958	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 014

CONTRACT ID : C202976 17BP.6.P.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.000 MI

COUNTY : BLADEN, ROBESON, CUMBERLAND

BRIDGE PRESERVATION.

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

BRG# 4 ON NC-130, 13 ON SR-1207, 70 & 72 ON US-74, 96 ON SR- 1155, 106 & 107 ON I-95, 17 ON US-701, AND 147 ON SR-1832.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	CY	BORROW EXCAVATION
0.019	SMI	SHOULDER RECONSTRUCTION
60	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
179	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4	TON	ASPHALT BINDER FOR PLANT MIX
100	LF	REMOVE & RESET EXISTING GUARD- RAIL
384	SF	WORK ZONE SIGNS (STATIONARY)
580	SF	WORK ZONE SIGNS (PORTABLE)
167	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
5	EA	PORTABLE CHANGEABLE MESSAGE SIGN
500	EA	DRUMS
176	LF	BARRICADES (TYPE III)
1,408	HR	FLAGGER
2	EA	TMA
192	HR	LAW ENFORCEMENT
14,801	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
200	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
59	EA	PERMANENT RAISED PAVEMENT MARKERS
48,541	SF	GROOVING BRIDGE FLOORS
3.4	CY	CLASS A CONCRETE (BRIDGE)
221	LB	REINFORCING STEEL (BRIDGE)
98	CF	CONCRETE REPAIRS
774	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
167.9	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY
83.1	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
2,370	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
63,487	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
5,581.2	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
3,618.8	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY
1,962.4	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
8,247.3	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
16	EA	GENERIC STRUCTURE ITEM SPAN JACKING, BLADEN CO BRIDGE #17
2	EA	GENERIC STRUCTURE ITEM SPAN JACKING, ROBESON CO BRIDGE#72
3	EA	GENERIC STRUCTURE ITEM SPAN JACKING, ROBESON CO BRIDGE#96

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 015

CONTRACT ID : C202732 33757.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.223 MI

COUNTY : HARNETT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER BARBEQUE CREEK AND APPROACHES ON SR-1213.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+20.00-L-)
Lump Sum	LS	GRADING
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING
	300	CY UNDERCUT EXCAVATION
	300	CY SELECT GRANULAR MATERIAL
	400	SY FABRIC FOR SOIL STABILIZATION
	10	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	20	SY FOUNDATION CONDITIONING FABRIC
	10	LF 15" DRAINAGE PIPE
	24	LF 15" RC PIPE CULVERTS, CLASS IV
	600	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
	420	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	55	TON ASPHALT BINDER FOR PLANT MIX
	45	CY SUBDRAIN EXCAVATION
	34	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
	100	LF SHOULDER BERM GUTTER
	75	LF STEEL BM GUARDRAIL
	5	EA ADDITIONAL GUARDRAIL POSTS
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350
	375	SY FILTER FABRIC FOR DRAINAGE
	1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	329	SF WORK ZONE SIGNS (STATIONARY)
	57	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
	80	LF BARRICADES (TYPE III)
	9,400	LF PAINT PAVEMENT MARKING LINES (4")
	15	EA PERMANENT RAISED PAVEMENT MARKERS
	2,350	LF TEMPORARY SILT FENCE
	160	TON STONE FOR EROSION CONTROL, CLASS A
	50	TON STONE FOR EROSION CONTROL, CLASS B
	60	TON SEDIMENT CONTROL STONE
	1	ACR TEMPORARY MULCHING
	100	LB SEED FOR TEMPORARY SEEDING
	1.25	TON FERTILIZER FOR TEMPORARY SEEDING
	100	LF TEMPORARY SLOPE DRAINS
	4	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	400	LF SAFETY FENCE
	120	CY SILT EXCAVATION
	2,100	SY MATTING FOR EROSION CONTROL
	510	SY COIR FIBER MAT
	250	SY PERMANENT SOIL REINFORCEMENT MAT
	150	LF 1/4" HARDWARE CLOTH
	75	SY FLOATING TURBIDITY CURTAIN
	170	LF WATTLE
	120	LF COIR FIBER WATTLE
	25	LB POLYACRYLAMIDE (PAM)
	55	LF COIR FIBER BAFFLE
	1	EA *** SKIMMER (1-1/2")
	3	ACR SEEDING & MULCHING

0.5	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
30	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+20.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+20.00-L-)
	42.9	CY CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+20.00-L-)
	7,295	LB REINFORCING STEEL (BRIDGE)
	350	LF HP12X53 STEEL PILES
	240	LF HP14X73 GALVANIZED STEEL PILES
	18	EA STEEL PILE POINTS
	7	EA PILE REDRIVES
	355.25	LF VERTICAL CONCRETE BARRIER RAIL
	300	TON RIP RAP CLASS II (2'-0" THICK)
	333	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
	1,776.25	LF 3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 016

CONTRACT ID : C202945 45462.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 8.500 MI

COUNTY : COLUMBUS

MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.

DBE GOAL 10.0% COMPLETION DATE : NOV 16 2012

US-74 FROM US-76 TO US-74 BUS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,200	CY	BORROW EXCAVATION
34	SMI	SHOULDER RECONSTRUCTION
2,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
5,700	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
11,500	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
533	SY	INCIDENTAL MILLING
5,083	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
9,797	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
38,379	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
673	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
3,142	TON	ASPHALT BINDER FOR PLANT MIX
255	TON	PATCHING EXISTING PAVEMENT
180,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
234,950	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
29,520	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
8,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
3,800	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,850	EA	PERMANENT RAISED PAVEMENT MARKERS
2,550	LF	TEMPORARY SILT FENCE
100	TON	SEDIMENT CONTROL STONE
300	CY	SILT EXCAVATION
680	SY	MATTING FOR EROSION CONTROL
1,320	LF	1/4" HARDWARE CLOTH
1,224	LF	WATTLE
51	LB	POLYACRYLAMIDE (PAM)
42	ACR	SEEDING & MULCHING
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL AND REPLACEMENT OF BRIDGE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 017

CONTRACT ID : C202966 17BP.7.P.3

DIV OFFICE GREENSBORO

LENGTH = 0.000 MI

COUNTY : ROCKINGHAM, CASWELL

BRIDGE PRESERVATION

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

BRIDGES # 11, 15, 59 & 61 ON US-29, 152 ON US-29 BUS AND 63 ON NC-62.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,694	SY	INCIDENTAL MILLING
93	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
46	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
9	TON	ASPHALT BINDER FOR PLANT MIX
72	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
3	EA	FLASHING ARROW BOARD
1	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
35	EA	DRUMS
280	DAY	FLAGGER
1	EA	TEMPORARY CRASH CUSHIONS
7	EA	RESET TEMPORARY CRASH CUSHION
1	EA	TMA
1,040	LF	PORTABLE CONCRETE BARRIER
7,080	LF	RESET PORTABLE CONCRETE BAR- RIER
1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
313	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
6,526	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
38	EA	PERMANENT RAISED PAVEMENT MARKERS
32,054	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	POLLUTION CONTROL
238	CY	LATEX MODIFIED CONC OVERLAY
2,818	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
239	CF	CONCRETE REPAIRS
374	CF	SHOTCRETE REPAIRS
2,900	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 AND PAINTING EXISTING BEARING PLATES
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACE BEARINGS
50	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY VERY EARLY STRENGTH
92	SF	GENERIC STRUCTURE ITEM CLASS II CONCRETE DECK REPAIRS FOR EPOXY OVERLAY
41,967	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
3,994	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
1,176	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING OF LATEX MOD CONC OVERLAY VERY EARLY STRENGTH
3,994	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 018

CONTRACT ID : C202973 17BP.8.P.1

DIV OFFICE ABERDEEN

LENGTH = 0.000 MI

COUNTY : HOKE, RICHMOND, MOORE, MONTGOMERY

BRIDGE PRESERVATION

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : JUL 31 2014

BRG# 11 SR-1124, 25, 35 & 36 US-220, 5 NC-705, 72 NC-22, 76 SR-1419, 6 NC-731, 237 SR-1187 & 3 US-401.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
224	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW BOARD
24	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
25	EA	DRUMS
23	EA	CONES
320	HR	FLAGGER
1	EA	TMA
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #460003
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #610006
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #610237
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #620005
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #620072
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #620076
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #760011
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #760025
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #760035
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #760036
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
Lump Sum	LS	GENERIC STRUCTURE ITEM SPAN JACKING BRIDGE #620072

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 019

CONTRACT ID : C202969 8.101911

DIV OFFICE ABERDEEN

LENGTH = 27.453 MI

COUNTY : CHATHAM

MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 01 2012

SILER CITY DMV LOT & 15 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
874	CY	BORROW EXCAVATION
80	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
795	TON	INCIDENTAL STONE BASE
15.9	SMI	SHOULDER RECONSTRUCTION
1,370	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(8")
320	SY	MILLING ASPHALT PAVEMENT, ****
		TO *****
		(0" TO 1-1/2")
2,410	SY	INCIDENTAL MILLING
2,625	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0C
1,535	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE I19.0C
5,365	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
2,970	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
220	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
697	TON	ASPHALT BINDER FOR PLANT MIX
1,730	TON	PATCHING EXISTING PAVEMENT
3,806	SY	ASPHALT SURFACE TREATMENT, MAT
		COAT, #6 STONE
225,664	SY	ASPHALT SURFACE TREATMENT,
		SPLIT SEAL
50	TON	GENERIC PAVING ITEM
		ASPHALT CONC SURFACE COURSE,
		TYPE S4.75A (LEVELING COURSE)
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
86,566	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
68,500	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
3	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
829,346	LF	PAINT PAVEMENT MARKING LINES
		(4")
585	EA	PERMANENT RAISED PAVEMENT
		MARKERS
800	LF	TEMPORARY SILT FENCE
100	LF	WATTLE
7.95	ACR	SEEDING & MULCHING
100	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 020

CONTRACT ID : C202970 8.207611

DIV OFFICE ABERDEEN

LENGTH = 61.678 MI

COUNTY : RANDOLPH

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 01 2012

32 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,642	CY	BORROW EXCAVATION
3,828	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
3,283	TON	INCIDENTAL STONE BASE
66.59	SMI	SHOULDER RECONSTRUCTION
188,035	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(1-1/2")
5,715	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(8")
8,680	SY	INCIDENTAL MILLING
10,975	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0C
6,415	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE I19.0C
17,865	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
19,290	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
3,036	TON	ASPHALT BINDER FOR PLANT MIX
2,540	TON	PATCHING EXISTING PAVEMENT
8,209	SY	ASPHALT SURFACE TREATMENT,
		SLURRY SEAL
323,503	SY	ASPHALT SURFACE TREATMENT,
		SPLIT SEAL
530	TON	GENERIC PAVING ITEM
		ASPHALT CONC SURFACE COURSE,
		TYPE S4.75A (LEVELING COURSE)
3,168	SY	GENERIC PAVING ITEM
		FOG SEAL
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
356,303	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
240,563	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
1,434,727	LF	PAINT PAVEMENT MARKING LINES
		(4")
2,517	EA	PERMANENT RAISED PAVEMENT
		MARKERS
350	LF	WATTLE
24.03	ACR	SEEDING & MULCHING
350	LB	SEED FOR REPAIR SEEDING
3.5	TON	FERTILIZER FOR REPAIR SEEDING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 021

CONTRACT ID : C202965 17BP.9.P.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.690 MI

COUNTY : DAVIDSON, ROWAN, DAVIE

BRIDGE PERSERVATION.

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

BRIDGES #29, 32, 85, AND 86 ON I-40, #136 ON SR-1508 OVER US-52, AND #94 ON SR-2664 OVER I-85/US-601.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
230	SY	INCIDENTAL MILLING
36	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2	TON	ASPHALT BINDER FOR PLANT MIX
80	SF	WORK ZONE SIGNS (STATIONARY)
224	SF	WORK ZONE SIGNS (PORTABLE)
3	EA	FLASHING ARROW BOARD
1	EA	PORTABLE CHANGEABLE MESSAGE SIGN
40	EA	DRUMS
120	DAY	FLAGGER
1	EA	TMA
400	HR	LAW ENFORCEMENT
42	EA	SKINNY DRUM
8,595	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
180	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
81,102	SF	GROOVING BRIDGE FLOORS
48	CF	SHOTCRETE REPAIRS
553	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM DRAIN TROUGH SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
450	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
300	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIRS FOR EPOXY OVERLAY
29,694	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
10,784	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
10,784	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRE NGTH
10,784	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
200	EA	GENERIC STRUCTURE ITEM BOLT REMOVAL AND REPLACEMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 022

CONTRACT ID : C202784 33631.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.165 MI

COUNTY : UNION

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : MAY 13 2013

BRIDGE #219 OVER BLYTHE CREEK AND APPROACHES ON SR-1008.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (27+60-L-)			
	1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		
	350	CY	UNDERCUT EXCAVATION		
Lump Sum	LS	GRADING			
6,400	CY	BORROW EXCAVATION			
15	CY	DRAINAGE DITCH EXCAVATION			
250	CY	SELECT GRANULAR MATERIAL, CLASS III			
600	SY	GEOTEXTILE FOR SOIL STABILIZATION			
17	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES			
54	SY	FOUNDATION CONDITIONING GEOTEXTILE			
140	LF	15" DRAINAGE PIPE			
8	EA	**" DRAINAGE PIPE ELBOWS (15")			
20	LF	18" SIDE DRAIN PIPE			
100	CY	SHALLOW UNDERCUT			
200	TON	CLASS IV SUBGRADE STABILIZATION			
75	TON	INCIDENTAL STONE BASE			
120	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")			
680	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
280	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
280	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
63	TON	ASPHALT BINDER FOR PLANT MIX			
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
56	CY	SUBDRAIN EXCAVATION			
42	CY	SUBDRAIN FINE AGGREGATE			
250	LF	6" PERFORATED SUBDRAIN PIPE			
1	EA	SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE			
4	EA	MASONRY DRAINAGE STRUCTURES			
4	EA	FRAME WITH TWO GRATES, STD 840.29			
250	LF	SHOULDER BERM GUTTER			
250	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
4	TON	RIP RAP, CLASS B			
740	SY	GEOTEXTILE FOR DRAINAGE			
336	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
80	LF	BARRICADES (TYPE III)			
1,080	LF	TEMPORARY SILT FENCE			
225	TON	STONE FOR EROSION CONTROL, CLASS A			
125	TON	STONE FOR EROSION CONTROL, CLASS B			
200	TON	SEDIMENT CONTROL STONE			
3	ACR	TEMPORARY MULCHING			
150	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING			
460	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
570	CY	SILT EXCAVATION			
4,000	SY	MATTING FOR EROSION CONTROL			
40	SY	COIR FIBER MAT			

315	SY	PERMANENT SOIL REINFORCEMENT MAT			
305	LF	1/4" HARDWARE CLOTH			
4	EA	SPECIAL STILLING BASINS			
310	LF	WATTLE			
80	LB	POLYACRYLAMIDE (PAM)			
270	LF	COIR FIBER BAFFLE			
4	EA	**" SKIMMER (1-1/2")			
4.5	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			
2.25	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 ***** (27+60.00-L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (27+60.00-L-)			
41.2	LF	3'-0" DIA DRILLED PIERS IN SOIL			
27	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL			
17.1	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER			
1	EA	SID INSPECTIONS			
1	EA	CSL TESTING			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (27+60.00-L-)			
4,243	SF	REINFORCED CONCRETE DECK SLAB			
3,970	SF	GROOVING BRIDGE FLOORS			
80.8	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+60.00-L-)			
15,338	LB	REINFORCING STEEL (BRIDGE)			
1,457	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
500.42	LF	45" PRESTRESSED CONCRETE GIRDERS			
235	LF	HP12X53 STEEL PILES			
255.19	LF	CONCRETE BARRIER RAIL			
630	TON	RIP RAP CLASS II (2'-0" THICK)			
700	SY	GEOTEXTILE FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	FOAM JOINT SEALS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 023

CONTRACT ID : C202985

10CR.10901.29

DIV OFFICE ALBEMARLE

LENGTH = 24.040 MI

COUNTY : UNION

MILLING, WIDENING, RESURFACING AND SHOULDER CONST & RECONST.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 21 2013

1 SECTION OF US-74 WBL, 1 SECTION OF NC-205 & 9 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,270	CY	BORROW EXCAVATION
1,334	TON	INCIDENTAL STONE BASE
5.3	SMI	SHOULDER CONSTRUCTION
36.98	SMI	SHOULDER RECONSTRUCTION
57,800	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
6,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
1,115	SY	INCIDENTAL MILLING
1,625	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,055	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
20,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,823	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
11,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
3,206	TON	ASPHALT BINDER FOR PLANT MIX
6,795	TON	PATCHING EXISTING PAVEMENT
650	TON	GENERIC PAVING ITEM STABILIZER AGGREGATE
552	SY	6" CONCRETE DRIVEWAY
7	EA	ADJUSTMENT OF MANHOLES
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
215,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
219,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
75	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
73	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
239,740	LF	PAINT PAVEMENT MARKING LINES (4")
360	LF	PAINT PAVEMENT MARKING LINES (8")
410	LF	PAINT PAVEMENT MARKING LINES (24")
300	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES 4", 240 MILS (RUMBLE STRIPS)
1,918	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1,470	LF	TEMPORARY SILT FENCE
430	TON	STONE FOR EROSION CONTROL, CLASS B
215	TON	SEDIMENT CONTROL STONE
1,490	LF	WATTLE
4	LB	POLYACRYLAMIDE (PAM)
2.4	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 024

CONTRACT ID : C202964 17BP.11.H.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.000 MI

COUNTY : ASHE, WATAUGA, AVERY

BRIDGE PRESERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : NOV 15 2012

BRIDGES #30 & ON NC-16, 26 ON US-19, 305 ON SR-1202 AND 304 ON SR-1202.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,445	SY	INCIDENTAL MILLING
218	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
370	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
37	TON	ASPHALT BINDER FOR PLANT MIX
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
40	LF	REMOVE EXISTING GUARDRAIL
398	SF	WORK ZONE SIGNS (STATIONARY)
64	SF	WORK ZONE SIGNS (PORTABLE)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
20	EA	CONES
72	LF	BARRICADES (TYPE III)
80	DAY	FLAGGER
20	EA	SKINNY DRUM
4,500	LF	PAINT PAVEMENT MARKING LINES (4")
9,000	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)
30	EA	SNOWPLOWABLE PAVEMENT MARKERS (HIGHLY REFLECTIVE ELEMENTS)
7,085	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)
28,213	SF	GROOVING BRIDGE FLOORS
9	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	POLLUTION CONTROL
520	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #304
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #305
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARING PLATES
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF BRIDGE STRUCTURE BRIDGE #304
132	CY	GENERIC STRUCTURE ITEM LATEX MOD CONCRETE OVERLAY VERY EARLY STRENGTH
2,872	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
2,872	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONCRETE OVERLAY VERY EARLY STRENGTH
2,872	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
4	EA	GENERIC STRUCTURE ITEM BEARING REPLACEMENT IN KIND
1	EA	GENERIC STRUCTURE ITEM SPAN JACKING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 025

CONTRACT ID : C202968 17BP.11.P.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.000 MI

COUNTY : YADKIN, SURRY

BRIDGE PRESERVATION.

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

BRIDGE #6 ON I-77 AND #62, 74, 84, 170 & 196 OVER I-77.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
251	SF	WORK ZONE SIGNS (STATIONARY)
392	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
7	EA	FLASHING ARROW BOARD
12	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
550	EA	DRUMS
64	LF	BARRICADES (TYPE III)
160	HR	FLAGGER
3	EA	TMA
40	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #850006
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #850170
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #850196
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #980062
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #980074
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #980084
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 026

CONTRACT ID : C202782 33272.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.130 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : MAY 13 2013

BRIDGE OVER JOHN'S RIVER AND APPROACHES ON SR-1356.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,350	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+29.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
220	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
200	SY	GEOTEXTILE FOR SOIL STABILIZATION
200	TON	SELECT MATERIAL, CLASS ***** (II)
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
24	LF	15" SIDE DRAIN PIPE
32	LF	18" SIDE DRAIN PIPE
24	LF	PIPE REMOVAL
1	EA	PIPE CLEAN-OUT
50	CY	SHALLOW UNDERCUT
100	TON	CLASS IV SUBGRADE STABILIZATION
36	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
290	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
180	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX
12	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 OUTLET
6	LF	6" OUTLET PIPE
25	LF	STEEL BM GUARDRAIL
2	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
60	LF	GENERIC FENCING ITEM WOOD RAIL FENCE RESET
8	TON	RIP RAP, CLASS B
745	SY	GEOTEXTILE FOR DRAINAGE
260	SF	WORK ZONE SIGNS (STATIONARY)
304	SF	WORK ZONE SIGNS (PORTABLE)
72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
56	EA	DRUMS
32	LF	BARRICADES (TYPE III)
12	EA	SKINNY DRUM
5,480	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	SNOWPLOWABLE PAVEMENT MARKERS
950	LF	TEMPORARY SILT FENCE
170	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
145	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
1,400	SY	MATTING FOR EROSION CONTROL
400	SY	COIR FIBER MAT
30	SY	PERMANENT SOIL REINFORCEMENT MAT

70	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
450	LF	WATTLE
115	LB	POLYACRYLAMIDE (PAM)
40	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
15	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (13+29.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+29.00-L-)
28.6	LF	3'-0" DIA DRILLED PIERS IN SOIL
21	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
15.6	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+29.00-L-)
2,998	SF	CONCRETE WEARING SURFACE
3,253	SF	GROOVING BRIDGE FLOORS
39.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+29.00-L-)
10,428	LB	REINFORCING STEEL (BRIDGE)
894	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
125	LF	HP12X53 STEEL PILES
200.07	LF	ONE BAR METAL RAIL
215.17	LF	1'-***X ***** CONCRETE PARAPET (1'-0" x 2'-0 1/2")
370	TON	RIP RAP CLASS II (2'-0" THICK)
410	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,075.83	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 027

CONTRACT ID : C202971 17BP.14.P.3

DIV OFFICE SYLVA

LENGTH = 0.000 MI

COUNTY : POLK, HENDERSON

BRIDGE PRESERVATION.

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

BRIDGES #33, 98, 99, 228, 230, 233 & 234 ON I-26, #129 ON NC-191, #183 ON US-64 AND #32 ON NC-108.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	CY	BORROW EXCAVATION
0.038	SMI	SHOULDER RECONSTRUCTION
889	SY	INCIDENTAL MILLING
25	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
338	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
22	TON	ASPHALT BINDER FOR PLANT MIX
200	LF	1'-6" CONCRETE CURB & GUTTER
100	LF	REMOVE & RESET EXISTING GUARD- RAIL
76	SF	WORK ZONE SIGNS (STATIONARY)
764	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	FLASHING ARROW BOARD
8	EA	PORTABLE CHANGEABLE MESSAGE SIGN
375	EA	DRUMS
72	LF	BARRICADES (TYPE III)
896	HR	FLAGGER
3	EA	TMA
320	HR	LAW ENFORCEMENT
6,418	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,725	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
56	EA	SNOWPLOWABLE PAVEMENT MARKERS
73,150	SF	GROOVING BRIDGE FLOORS
84	CF	CONCRETE REPAIRS
126	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMP STEEL PLATE COVER FOR EXP JOINT SEAL REPAIR
82.9	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY
395.5	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
8,443.5	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
1,715.9	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY
6,727.6	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
100	SY	GENERIC STRUCTURE ITEM REINFORCED CONCRETE DECK SLAB
12,039.8	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
3	EA	GENERIC STRUCTURE ITEM SPAN JACKING POLK COUNTY BRIDGE #32

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120320 028

CONTRACT ID : C202972 17BP.14.P.4

DIV OFFICE SYLVA

LENGTH = 0.000 MI

COUNTY : SWAIN, HAYWOOD

BRIDGE PRESERVATION.

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

BRIDGE #113 ON NC-209, 126 ON SR-1660, 22 ON US-19/23/74, 73 ON SR-1660, 203 ON US-276, AND 18, 19, 22, & 23 ON US-74.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,572	SY	INCIDENTAL MILLING
95	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
7	TON	ASPHALT BINDER FOR PLANT MIX
662	SF	WORK ZONE SIGNS (STATIONARY)
480	SF	WORK ZONE SIGNS (PORTABLE)
46	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
96	EA	DRUMS
16	LF	BARRICADES (TYPE III)
152	DAY	FLAGGER
1	EA	TEMPORARY CRASH CUSHIONS
15	EA	RESET TEMPORARY CRASH CUSHION
2	EA	TMA
1,120	LF	PORTABLE CONCRETE BARRIER
13,480	LF	RESET PORTABLE CONCRETE BAR- RIER
2,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
464	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
7,995	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
48	EA	PERMANENT RAISED PAVEMENT MARKERS
119,494	SF	GROOVING BRIDGE FLOORS
573	CY	LATEX MODIFIED CONC OVERLAY
11,163	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
662	CF	SHOTCRETE REPAIRS
284	LF	EPOXY RESIN INJECTION
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
175	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY, VERY EARLY STRENGTH
14,552	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
3,389	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING OF LATEX MOD CONC OVERLAY, VERY EARLY STRENGTH
14,552	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 029

CONTRACT ID : C201166 33097.3.2

DIV OFFICE SYLVA

LENGTH = 0.254 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : JAN 11 2015

BRIDGE OVER EAST FORK TUCKASEGEE & APPROACHES ON NC-107.

ROADWAY ITEMS					
			700	LF	STEEL BM GUARDRAIL
			75	LF	STEEL BM GUARDRAIL, SHOP CURVED
			20	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	MOBILIZATION	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
200	LF	GENERIC MISCELLANEOUS ITEM	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
		ROCK ANCHORS FOR WIRE MESH	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
230	SY	GENERIC MISCELLANEOUS ITEM	2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
		REINFORCED SOIL SLOPES WITH GEOCELL FACING	377	LF	REMOVE EXISTING GUARDRAIL
225	SY	GENERIC MISCELLANEOUS ITEM	87.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
		WIRE MESH	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+96-L-)	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	22	EA	GENERIC GUARDRAIL ITEM EXTRA LENGTH GUARDRAIL POST 8' STEEL
100	CY	UNDERCUT EXCAVATION	160	LF	WOVEN WIRE FENCE, *** FABRIC (48")
Lump Sum	LS	GRADING	10	EA	4" TIMBER FENCE POSTS, ***** LONG (8')
650	SY	PRE-SPLITTING OF ROCK	4	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
6,000	CY	BORROW EXCAVATION	1,500	TON	RIP RAP, CLASS I
20	CY	DRAINAGE DITCH EXCAVATION	15	TON	RIP RAP, CLASS B
250	CY	SELECT GRANULAR MATERIAL	1,600	SY	GEOTEXTILE FOR DRAINAGE
350	SY	GEOTEXTILE FOR SOIL STABILIZATION	610	SF	WORK ZONE SIGNS (STATIONARY)
2,080	SF	TEMPORARY SHORING	80	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,535	SY	ROCK PLATING	135	EA	DRUMS
90	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	25	EA	CONES
280	SY	FOUNDATION CONDITIONING GEOTEXTILE	264	LF	BARRICADES (TYPE III)
692	LF	15" DRAINAGE PIPE	1,000	DAY	FLAGGER
58	LF	18" DRAINAGE PIPE	8	EA	TEMPORARY CRASH CUSHIONS
88	LF	30" DRAINAGE PIPE	580	LF	PORTABLE CONCRETE BARRIER
2	EA	*** DRAINAGE PIPE ELBOWS (15")	660	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1	EA	*** PIPE END SECTION (18")	1,840	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
90	LF	PIPE REMOVAL	25,896	LF	PAINT PAVEMENT MARKING LINES (4")
100	TON	CLASS IV SUBGRADE STABILIZATION	186	LF	PAINT PAVEMENT MARKING LINES (24")
43	TON	AGGREGATE BASE COURSE	920	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
150	TON	INCIDENTAL STONE BASE	2,500	LF	TEMPORARY SILT FENCE
41	GAL	PRIME COAT	430	TON	STONE FOR EROSION CONTROL, CLASS A
225	SY	INCIDENTAL MILLING	320	TON	STONE FOR EROSION CONTROL, CLASS B
1,590	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	570	TON	SEDIMENT CONTROL STONE
800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	3	ACR	TEMPORARY MULCHING
1,040	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	150	LB	SEED FOR TEMPORARY SEEDING
175	TON	ASPHALT BINDER FOR PLANT MIX	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	300	LF	TEMPORARY SLOPE DRAINS
44.8	CY	SUBDRAIN EXCAVATION	300	LF	SAFETY FENCE
33.6	CY	SUBDRAIN FINE AGGREGATE	560	CY	SILT EXCAVATION
200	LF	6" PERFORATED SUBDRAIN PIPE	11,000	SY	MATTING FOR EROSION CONTROL
1	EA	SUBDRAIN PIPE OUTLET	20	SY	COIR FIBER MAT
6	LF	6" OUTLET PIPE	50	SY	PERMANENT SOIL REINFORCEMENT MAT
0.13	CY	PIPE PLUGS	825	LF	1/4" HARDWARE CLOTH
2.29	CY	FLOWABLE FILL	12	EA	SPECIAL STILLING BASINS
15	EA	MASONRY DRAINAGE STRUCTURES	425	LF	WATTLE
12.5	LF	MASONRY DRAINAGE STRUCTURES	150	LB	POLYACRYLAMIDE (PAM)
2	EA	FRAME WITH TWO GRATES, STD 840.24	200	LF	COIR FIBER BAFFLE
8	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	*** SKIMMER (1-1/2")
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
2	EA	FRAME WITH COVER, STD 840.54			
440	LF	2'-6" CONCRETE CURB & GUTTER			
140	LF	SHOULDER BERM GUTTER			
650	LF	CONCRETE EXPRESSWAY GUTTER			
210	LF	CONCRETE BARRIER, TYPE ***** (I)			

4.1	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+96.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+96.00-L-)
228	LF	4'-0" DIA DRILLED PIERS IN SO IL
105	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
66.6	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
6	EA	SID INSPECTIONS
6	EA	SPT TESTING
1	EA	CSL TESTING
9,435	SF	REINFORCED CONCRETE DECK SLAB
9,396	SF	GROOVING BRIDGE FLOORS
164.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+96.00-L-)
51,702	LB	REINFORCING STEEL (BRIDGE)
10,650	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,232.88	LF	45" PRESTRESSED CONCRETE GIR- DERS
920	LF	HP12X53 STEEL PILES
170.6	LF	TWO BAR METAL RAIL
170.6	LF	THREE BAR METAL RAIL
178.1	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2"X2'-6")
451	TON	RIP RAP CLASS II (2'-0" THICK)
500	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS (17+96.00-L-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120320 030

CONTRACT ID : C202785 40461.3.1

DIV OFFICE SYLVA

LENGTH = 0.057 MI

COUNTY : TRANSYLVANIA

GRADING, DRAINAGE, PAVING AND CULVERT.

DBE GOAL 6.0% COMPLETION DATE : JAN 27 2013

BRIDGE OVER LAMANCE CREEK AND APPROACHES ON SR-1326 (MACEDONIA CHURCH RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
220	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
800	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
30	SY	FOUNDATION CONDITIONING GEO- TEXTILE
68	LF	15" SIDE DRAIN PIPE
41	LF	PIPE REMOVAL
70	CY	SHALLOW UNDERCUT
125	TON	CLASS IV SUBGRADE STABILIZA- TION
20	TON	INCIDENTAL STONE BASE
170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
160	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
10	TON	RIP RAP, CLASS I
450	SY	GEOTEXTILE FOR DRAINAGE
469	SF	WORK ZONE SIGNS (STATIONARY)
141	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	DRUMS
96	LF	BARRICADES (TYPE III)
455	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
50	TON	STONE FOR EROSION CONTROL, CLASS B
160	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
100	CY	SILT EXCAVATION
2,500	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
270	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
55	LF	WATTLE
15	LB	POLYACRYLAMIDE (PAM)
25	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
75	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
450	CY	CULVERT DIVERSION CHANNEL
0.1	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+70.24-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (11+70.24-L-)
55	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
84.5	CY	CLASS A CONCRETE (CULVERT)
12,172	LB	REINFORCING STEEL (CULVERT)

