



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

April 17, 2012

Notice To: Highway Contractors and Subcontractors
From: R.A. Garris, PE, Contract Officer 
Subject: Highway Construction Wage Rate Survey - **EXTENDED**

The N.C. Department of Transportation has extended the HIGHWAY construction wage rate survey of active and ongoing construction between **January 1, 2010** and **December 31, 2011** in the state of **North Carolina**. The online survey must be completed **by May 9, 2012** to be included in this data set. 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.

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 and reported 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 the online survey before the **May 9, 2012** deadline:

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

The 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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RALEIGH NC



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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

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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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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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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 MAY 15, 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 APRIL 17, 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 L120515

RPN	Contract Id	WBS	County	Length	JobType
001	C203054	1C.070011 ETC.	PASQUOTANK	6.820 MI	DRAINAGE & RESURFACING.
002	C203008	17BP.3.H.1	NEW HANOVER	0.000 MI	BRIDGE DECK PRESERVATION.
003	C202963	17BP.5.P.2	WAKE	0.000 MI	BRIDGE PRESERVATION.
004	C203049	45551.3.1	WAKE	6.720 MI	MILLING RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C203012	17BP.6.P.3	HARNETT, CUMBERLAND	0.000 MI	BRIDGE PRESERVATION.
006	C202944	45461.3.1	COLUMBUS	9.610 MI	DRAINAGE, MILLING, PAVING, AND SHOULDER RECONSTRUCTION.
007	C203051	6CR.10091.74 ETC	BLADEN, COLUMBUS	43.310 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
008	C203052	6CR.10781.74 ETC	ROBESON	37.570 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
009	C203006	17BP.7.P.2	ORANGE, ALAMANCE	0.000 MI	BRIDGE DECK PRESERVATION
010	C203058	7CR.10011.34 ETC	ALAMANCE	11.332 MI	MILLING & RESURFACING.
011	C203071	7CR.10411.39 ETC	GUILFORD	3.822 MI	MILLING & RESURFACING.
012	C203053	7CR.20011.33	ALAMANCE	5.135 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
013	C203064	7CR.20411.40	GUILFORD	10.093 MI	MILLING & RESURFACING.
014	C203066	7CR.20681.27	ORANGE	14.929 MI	RESURFACING.
015	C202818	33804.3.1	ROWAN	0.152 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C203013	17BP.10.H.1	MECKLENBURG, ANSON	0.000 MI	BRIDGE PRESERVATION
017	C203003	38194.3.1	ANSON	0.094 MI	GRADING, DRAINAGE, PAVING AND STRUCTURE.
018	C203055	10CR.10131.25 ET	CABARRUS	37.920 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
019	C203005	17BP.11.H.3	WILKES, CALDWELL	0.000 MI	BRIDGE DECK PRESERVATION.
020	C202820	34783.3.3	CALDWELL	0.870 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
021	C202819	38461.3.1	WATAUGA	0.227 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
022	C203011	17BP.12.P.3	IREDELL, CATAWBA	0.000 MI	BRIDGE PRESERVATION.
023	C203010	45544.3.1	GASTON, CLEVELAND	6.700 MI	MILLING, PAVING, AND PAVEMENT MARKINGS.
024	C203009	17BP.13.P.2	BUNCOMBE	0.000 MI	BRIDGE DECK PERSERVATION.
025	C203044	45547.3.1	RUTHERFORD	0.472 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
026	C203063	13CR.10111.12	BUNCOMBE	1.380 MI	MILLING AND RESURFACING.
027	C203059	13CR.10121.10 ET	BURKE	5.960 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION
028	C203061	13CR.10591.11 ET	MCDOWELL, MITCHELL	3.460 MI	RESURFACING & SHOULDER RECONSTRUCTION.
029	C203062	13CR.10811.10 ET	RUTHERFORD	13.260 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

Bid Letting Number L120619

RPN	Contract Id	WBS	County	Length	JobType
001	C202837	34461.3.4	WAYNE	9.490 KM	GRADING, DRAINAGE, PAVING, CURB & GUTTER, AND STRUCTURE.
*002	C202602	34192.2.GV4	IREDELL	3.360 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

* SMALL ROADWAY AND STRUCTURE PLANS AND CROSS SECTIONS - \$60.00
 LARGE ROADWAY AND STRUCTURE PALNS - \$200.00

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 001

CONTRACT ID : C203054 1C.070011

DIV OFFICE EDENTON

LENGTH = 6.820 MI

COUNTY : PASQUOTANK

DRAINAGE & RESURFACING.

MBE GOAL 1.0% WBE 4.0% COMPLETION DATE : MAR 15 2013

3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
305	CY	BORROW EXCAVATION
330	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
2,370	SY	FOUNDATION CONDITIONING GEOTEXTILE
561	LF	18" DRAINAGE PIPE
284	LF	24" DRAINAGE PIPE
120	LF	30" DRAINAGE PIPE
77	LF	36" DRAINAGE PIPE
40	LF	42" DRAINAGE PIPE
32	LF	48" DRAINAGE PIPE
1	EA	GENERIC PIPE ITEM 2-95" X 67" X 50' CAA PIPE ARCH WITH HEADWALLS, 0.135" THICK
1	EA	GENERIC PIPE ITEM 95" X 67" X 50' CAA PIPE ARCH WITH HEADWALLS, 0.135" THICK
2	EA	GENERIC PIPE ITEM 95" X 67" X 60' CAA PIPE ARCH, 0.135" THICK
1	EA	GENERIC PIPE ITEM 95" X 67" X 66' CAA PIPE ARCH WITH HEADWALLS, 0.135" THICK
231	TON	AGGREGATE BASE COURSE
7.7	MSY	CONDITIONING EXISTING BASE
300	TON	INCIDENTAL STONE BASE
13.64	SMI	SHOULDER RECONSTRUCTION
2,710	GAL	PRIME COAT
3,407	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
961	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,942	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
673	TON	ASPHALT BINDER FOR PLANT MIX
269	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
100	TON	RIP RAP, CLASS B
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
73,122	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
45,012	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
118,134	LF	PAINT PAVEMENT MARKING LINES (4")
1,600	LF	TEMPORARY SILT FENCE
128	SY	MATTING FOR EROSION CONTROL
350	LF	WATTLE
35	LB	POLYACRYLAMIDE (PAM)
6.7	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 002

CONTRACT ID : C203008 17BP.3.H.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.000 MI

COUNTY : NEW HANOVER

BRIDGE DECK PRESERVATION.

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

BRIDGE #30 ON US-421 OVER SNOWS CUT (INTRACOASTAL WATERWAY).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
622	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
622	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
25	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
62	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5	TON	ASPHALT BINDER FOR PLANT MIX
7.1	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
240	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
300	EA	DRUMS
30	EA	CONES
64	HR	FLAGGER
2	EA	TMA
1,150	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)
9,200	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
58	EA	PERMANENT RAISED PAVEMENT MARKERS
1,412	SF	REINFORCED CONCRETE DECK SLAB
92,281.2	SF	GROOVING BRIDGE FLOORS
5,791	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
Lump Sum	LS	POLLUTION CONTROL
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
21.5	CF	CONCRETE REPAIRS
63.5	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #30
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM RUBBER EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM STRUCTURAL STEEL REPAIR (APPROX. 7,600 LBS)
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMPORARY STEEL COVER FOR EXP JOINT SEAL REPAIR
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDER STRUCTURE WORK PLATFORM
672.1	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY - VERY EARLY STRENGTH
11,773.2	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
11,906.3	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD- IFIED CONCRETE OVERLAY - VERY EARLY STRENGTH
11,773.2	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
28	EA	GENERIC STRUCTURE ITEM SPAN JACKING NEW HANOVER CO. BRIDGE #30

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 003

CONTRACT ID : C202963 17BP.5.P.2

DIV OFFICE DURHAM

LENGTH = 0.000 MI

COUNTY : WAKE

BRIDGE PRESERVATION.

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

BRIDGES #210, 211, 223, 238, 239 & 242 ON I-440 AND #197 OVER I-440.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
771	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5/8")
156	SY	INCIDENTAL MILLING
13	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1	TON	ASPHALT BINDER FOR PLANT MIX
224	SF	WORK ZONE SIGNS (STATIONARY)
664	SF	WORK ZONE SIGNS (PORTABLE)
64	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
101	EA	DRUMS
26	EA	CONES
100	LF	BARRICADES (TYPE III)
20	DAY	FLAGGER
3	EA	TMA
1,000	HR	LAW ENFORCEMENT
35	EA	SKINNY DRUM
4	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
428	LF	PAINT PAVEMENT MARKING LINES (4")
5,583	LF	PAINT PAVEMENT MARKING LINES (6")
4	EA	PAINT PAVEMENT MARKING SYMBOL
856	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
5,583	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
64	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
36,756	SF	GROOVING BRIDGE FLOORS
40	LB	REINFORCING STEEL (BRIDGE)
58	CF	CONCRETE REPAIRS
83	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING BEARING PLATES
239	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONCRETE OVER- LAY - VERY EARLY STRENGTH
19,486	SF	GENERIC STRUCTURE ITEM CLASS II CONC DECK REPAIRS FOR EPOXY OR ASPHALT OVERLAY
62,450	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
62,450	SF	GENERIC STRUCTURE ITEM PLACEMENT OF PRE-TREATMENT
4,439	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
4,439	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
4,439	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 004

CONTRACT ID : C203049 45551.3.1

DIV OFFICE DURHAM

LENGTH = 6.720 MI

COUNTY : WAKE

MILLING RESURFACING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 10.0% COMPLETION DATE : NOV 21 2012

SR-2026 FROM US-70 TO I-40/440 & US-70 FROM SR-2026 TO I-40.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,062	CY	BORROW EXCAVATION
20.57	SMI	GENERIC GRADING ITEM SHOULDER GRADING
1,030	TON	INCIDENTAL STONE BASE
47,206	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
312,467	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
36	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
17,096	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
29,733	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
13,171	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
19,756	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,205	TON	ASPHALT BINDER FOR PLANT MIX
200	TON	PATCHING EXISTING PAVEMENT
825	LF	GENERIC PAVING ITEM REMOVE & REPLACE 8" X 12" CONC CURB
18	EA	ADJUSTMENT OF MANHOLES
35	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
1,000	HR	LAW ENFORCEMENT
131,433	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
38,783	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
12,467	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,095	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
309	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
720	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
170,636	LF	PAINT PAVEMENT MARKING LINES (4")
12,467	LF	PAINT PAVEMENT MARKING LINES (8")
2,095	LF	PAINT PAVEMENT MARKING LINES (24")
43	EA	PAINT PAVEMENT MARKING CHARAC- TER
309	EA	PAINT PAVEMENT MARKING SYMBOL
720	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2,447	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1,499	LF	TEMPORARY SILT FENCE
3,750	LF	WATTLE
300	LB	POLYACRYLAMIDE (PAM)
14.99	ACR	SEEDING & MULCHING
8,550	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 005

CONTRACT ID : C203012 17BP.6.P.3

DIV OFFICE FAYETTEVILLE

LENGTH = 0.000 MI

COUNTY : HARNETT, CUMBERLAND

BRIDGE PRESERVATION.

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

BRGS #84, 112, & 123 ON US-401 BUS, #104 & 126 ON NC-24, # 5 ON NC-59, #34 ON NC-53, & #6, 218, & 225 ON VARIOUS SEC RDS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
850	SF	WORK ZONE SIGNS (STATIONARY)
500	SF	WORK ZONE SIGNS (PORTABLE)
6	EA	FLASHING ARROW BOARD
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
720	EA	DRUMS
170	HR	FLAGGER
320	HR	LAW ENFORCEMENT
1,555	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)
180	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)
46	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
6,418	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
2,725	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
0.6	CY	CLASS A CONCRETE (BRIDGE)
66	LB	REINFORCING STEEL (BRIDGE)
160	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM SYNTHETIC RUBBER EXPANSION JOINT SEALS
2,250	SF	GENERIC STRUCTURE ITEM CLASS II CONCRETE DECK REPAIR FOR EPOXY/ASPHALT OVERLAY
225,174	SF	GENERIC STRUCTURE ITEM PLACEMENT OF EPOXY OVERLAY
78,366	SF	GENERIC STRUCTURE ITEM PLACEMENT OF PRE-TREATMENT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 006

CONTRACT ID : C202944 45461.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 9.610 MI

COUNTY : COLUMBUS

DRAINAGE, MILLING, PAVING, AND SHOULDER RECONSTRUCTION.

DBE GOAL 9.0% COMPLETION DATE : NOV 15 2013

US-74 FROM NC-214 TO THE BRUNSWICK COUNTY LINE.

ROADWAY ITEMS					
			2,200	TON	GENERIC PAVING ITEM ASPHALT CONC BASE COURSE, TYPE B25.0C, CRACK REPAIR
			361	TON	GENERIC PAVING ITEM ASPHALT CONC INTERMEDIATE COURSE TYPE I19.0C (LEVELING COURSE)
Lump Sum	LS	MOBILIZATION	20	CY	PIPE COLLARS
Lump Sum	LS	CONSTRUCTION SURVEYING	18	EA	MASONRY DRAINAGE STRUCTURES
200	CY	UNDERCUT EXCAVATION	8	EA	FRAME WITH TWO GRATES, STD 840.22
Lump Sum	LS	GRADING	10	EA	FRAME WITH COVER, STD 840.54
20,000	CY	BORROW EXCAVATION	1,800	LF	1'-6" CONCRETE CURB & GUTTER
9,700	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	1,300	LF	CONCRETE EXPRESSWAY GUTTER
100	CY	SELECT GRANULAR MATERIAL	2,500	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,400	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	5,000	LF	STEEL BM GUARDRAIL
120	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD FOR POST & BEAM RAIL)
360	SY	FOUNDATION CONDITIONING GEO- TEXTILE	3	EA	GUARDRAIL ANCHOR UNITS, TYPE III
92	LF	15" RC PIPE CULVERTS, CLASS III	28	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
64	LF	18" RC PIPE CULVERTS, CLASS III	5,000	LF	REMOVE EXISTING GUARDRAIL
784	LF	24" RC PIPE CULVERTS, CLASS III	Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
92	LF	30" RC PIPE CULVERTS, CLASS III	208,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
16	LF	36" RC PIPE CULVERTS, CLASS III	31,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2	EA	*** PIPE END SECTION (15")	1,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
4	EA	*** PIPE END SECTION (18")	340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
21	EA	*** PIPE END SECTION (24")	12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
300	CY	SHALLOW UNDERCUT	333	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
500	TON	CLASS IV SUBGRADE STABILIZA- TION	550	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (III)
231	TON	INCIDENTAL STONE BASE	155,000	LF	PAINT PAVEMENT MARKING LINES (4")
34.36	SMI	SHOULDER RECONSTRUCTION	550	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
34,906	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (2")	1,750	EA	PERMANENT RAISED PAVEMENT MARKERS
117,167	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (3")	2,900	LF	TEMPORARY SILT FENCE
25,719	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (5-1/2")	75	TON	SEDIMENT CONTROL STONE
16,662	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (8")	300	CY	SILT EXCAVATION
14,080	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 2-1/2")	780	SY	MATTING FOR EROSION CONTROL
2,640	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 5")	1,000	LF	1/4" HARDWARE CLOTH
2,112	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (2-1/2" TO 9")	1,400	LF	WATTLE
11,669	SY	INCIDENTAL MILLING	60	LB	POLYACRYLAMIDE (PAM)
22,678	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	47	ACR	SEEDING & MULCHING
26,697	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
95	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
40,120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
330	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)			
350	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A			
4,718	TON	ASPHALT BINDER FOR PLANT MIX			
283	TON	PATCHING EXISTING PAVEMENT			
180,000	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
2,100	TON	GENERIC PAVING ITEM AGGREGATE BASE COURSE, CRACK REPAIR			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 007

CONTRACT ID : C203051 6CR.10091.74

DIV OFFICE FAYETTEVILLE

LENGTH = 43.310 MI

COUNTY : BLADEN, COLUMBUS

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : MAY 31 2013

VARIOUS SECTIONS OF US-76, US-701, US-701 BUS, NC-131, AND NC-211, AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,013	TON	INCIDENTAL STONE BASE
84.44	SMI	SHOULDER RECONSTRUCTION
17,271	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
48,412	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
997	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (9")
16,585	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
3,601	SY	INCIDENTAL MILLING
3,763	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
6,208	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
37,686	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
439	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
21,065	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
533	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
4,199	TON	ASPHALT BINDER FOR PLANT MIX
766	TON	PATCHING EXISTING PAVEMENT
21	EA	ADJUSTMENT OF MANHOLES
24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
244,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
235,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
965	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
100	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
202	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
763,285	LF	PAINT PAVEMENT MARKING LINES (4")
450	LF	PAINT PAVEMENT MARKING LINES (8")
3,566	EA	PERMANENT RAISED PAVEMENT MARKERS
6,297	LF	TEMPORARY SILT FENCE
1,679	SY	MATTING FOR EROSION CONTROL
3,171	LF	WATTLE
126	LB	POLYACRYLAMIDE (PAM)
102.36	ACR	SEEDING & MULCHING
80	LF	PAVED TRENCHING (*****) (1, 2")
800	LF	UNPAVED TRENCHING (*****) (1, 2")
8	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
8	EA	2" RISER WITH WEATHERHEAD
3,325	LF	INDUCTIVE LOOP SAWCUT
800	LF	LEAD-IN CABLE (*****) (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 008

CONTRACT ID : C203052 6CR.10781.74

DIV OFFICE FAYETTEVILLE

LENGTH = 37.570 MI

COUNTY : ROBESON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : MAY 31 2013

VARIOUS SECTIONS OF US-74, US-301, NC-71, NC-72, NC-83, NC-130, NC-710, NC-904, AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,260	CY	BORROW EXCAVATION
841	TON	INCIDENTAL STONE BASE
70.06	SMI	SHOULDER RECONSTRUCTION
41,285	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
704	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
3,567	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
3,140	SY	INCIDENTAL MILLING
161	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
2,274	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
42,794	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,991	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,287	TON	ASPHALT BINDER FOR PLANT MIX
200	TON	PATCHING EXISTING PAVEMENT
47	EA	ADJUSTMENT OF MANHOLES
23	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
304,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
323,145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 240 MILS)
4,815	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
38	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
133	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
251,325	LF	PAINT PAVEMENT MARKING LINES (4")
145	LF	PAINT PAVEMENT MARKING LINES (24")
2,760	EA	PERMANENT RAISED PAVEMENT MARKERS
5,637	LF	TEMPORARY SILT FENCE
1,512	SY	MATTING FOR EROSION CONTROL
2,705	LF	WATTLE
103	LB	POLYACRYLAMIDE (PAM)
84.92	ACR	SEEDING & MULCHING
70	LF	PAVED TRENCHING (***** (1, 2")
700	LF	UNPAVED TRENCHING (***** (1, 2")
7	EA	JUNCTION BOX (STANDARD SIZE)
7	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)
7	EA	2" RISER WITH WEATHERHEAD
8,125	LF	INDUCTIVE LOOP SAWCUT
700	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 009

CONTRACT ID : C203006 17BP.7.P.2

DIV OFFICE GREENSBORO

LENGTH = 0.000 MI

COUNTY : ORANGE, ALAMANCE

BRIDGE DECK PRESERVATION

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : JUN 30 2013

BRIDGES # 81 & 82 ON I-85, #59 ON NC-86, #6 ON US-70 BUS, & #38, 41, 51, 52, 121, AND 293 ON VARIOUS SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	1	EA	GENERIC STRUCTURE ITEM
0.204	SMI	SHOULDER RECONSTRUCTION			SPAN JACKING ORANGE CO BRIDGE
536.7	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")			#82
855.6	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
645.6	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
645.6	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")			
3,077	SY	INCIDENTAL MILLING			
26	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
90	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
174	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
17	TON	ASPHALT BINDER FOR PLANT MIX			
900	LF	REMOVE & RESET EXISTING GUARD- RAIL			
731	SF	WORK ZONE SIGNS (STATIONARY)			
905	SF	WORK ZONE SIGNS (PORTABLE)			
267	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
4	EA	FLASHING ARROW BOARD			
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
640	EA	DRUMS			
100	EA	CONES			
320	LF	BARRICADES (TYPE III)			
2,128	HR	FLAGGER			
1	EA	TMA			
488	HR	LAW ENFORCEMENT			
13,838	LF	PAINT PAVEMENT MARKING LINES (4")			
1,462	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)			
3,200	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)			
18	EA	PERMANENT RAISED PAVEMENT MARKERS			
50,234	SF	GROOVING BRIDGE FLOORS			
101	CF	CONCRETE REPAIRS			
226	CF	SHOTCRETE REPAIRS			
Lump Sum	LS	FOAM JOINT SEALS			
59	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY			
312.6	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH			
6,527.6	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK			
1,087.7	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY			
5,439.9	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH			
6,527.6	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK			
3	EA	GENERIC STRUCTURE ITEM SPAN JACKING ORANGE CO BRIDGE #59			
2	EA	GENERIC STRUCTURE ITEM SPAN JACKING ORANGE CO BRIDGE #81			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 010

CONTRACT ID : C203058 7CR.10011.34

DIV OFFICE GREENSBORO

LENGTH = 11.332 MI

COUNTY : ALAMANCE

MILLING & RESURFACING.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : NOV 16 2012

NC-54 FROM EAST OF NC-119 TO EAST OF SR-2142 AND 13 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
855	TON	INCIDENTAL STONE BASE
1,257	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")
950	SY	INCIDENTAL MILLING
13,881	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
930	TON	ASPHALT BINDER FOR PLANT MIX
44,395	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
120,938	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
18	EA	ADJUSTMENT OF MANHOLES
11	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
69,905	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,391	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
68	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
148,228	LF	PAINT PAVEMENT MARKING LINES (4")
385	EA	PERMANENT RAISED PAVEMENT MARKERS
350	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 011

CONTRACT ID : C203071 7CR.10411.39

DIV OFFICE GREENSBORO

LENGTH = 3.822 MI

COUNTY : GUILFORD

MILLING & RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 25 2012

US-70 (WENDOVER AVE) FROM LINDSAY ST TO EAST OF SR-1363 AND 1 SECTION OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	16,318	LF	LEAD-IN CABLE (*****)
12,368	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			(14-2)
131,831	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
852	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
244	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (8")			
9,116	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")			
3,341	SY	INCIDENTAL MILLING			
110	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
146	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
15,415	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
3,908	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
1,201	TON	ASPHALT BINDER FOR PLANT MIX			
36,461	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE			
37	EA	RETROFIT EXISTING CURB RAMP			
1	EA	ADJUSTMENT OF DROP INLETS			
80	EA	ADJUSTMENT OF MANHOLES			
102	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
30,438	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
34,470	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
48	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)			
8,763	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
2,521	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)			
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
2,011	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
207	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
45,691	LF	PAINT PAVEMENT MARKING LINES (4")			
8,418	LF	PAINT PAVEMENT MARKING LINES (8")			
90	LF	PAINT PAVEMENT MARKING LINES (12")			
1,130	LF	PAINT PAVEMENT MARKING LINES (24")			
8	EA	PAINT PAVEMENT MARKING CHARAC- TER			
153	EA	PAINT PAVEMENT MARKING SYMBOL			
650	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,240	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
5,695	LF	UNPAVED TRENCHING (*****) (1, 2")			
65	EA	JUNCTION BOX (STANDARD SIZE)			
38	EA	2" RISER WITH WEATHERHEAD			
17,131	LF	INDUCTIVE LOOP SAWCUT			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 012

CONTRACT ID : C203053 7CR.20011.33

DIV OFFICE GREENSBORO

LENGTH = 5.135 MI

COUNTY : ALAMANCE

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : OCT 01 2012

3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
40	CY	BORROW EXCAVATION
193	TON	INCIDENTAL STONE BASE
8.91	SMI	SHOULDER RECONSTRUCTION
584	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
220	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (8")
714	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
945	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
758	SY	INCIDENTAL MILLING
5,581	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
3,576	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,962	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
728	TON	ASPHALT BINDER FOR PLANT MIX
5,984	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
68,027	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
16	EA	ADJUSTMENT OF MANHOLES
23	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
46,640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
44,231	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
312	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
410	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
477	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
19,215	LF	PAINT PAVEMENT MARKING LINES (4")
350	EA	PERMANENT RAISED PAVEMENT MARKERS
0.98	ACR	SEEDING & MULCHING
2.27	ACR	RESIDENTIAL SEEDING
270	LF	UNPAVED TRENCHING (*****) (1, 2")
13	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	2" RISER WITH WEATHERHEAD
2,575	LF	INDUCTIVE LOOP SAWCUT
840	LF	LEAD-IN CABLE (*****) (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 013

CONTRACT ID : C203064 7CR.20411.40

DIV OFFICE GREENSBORO

LENGTH = 10.093 MI

COUNTY : GUILFORD

MILLING & RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 16 2012

3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
757	TON	INCIDENTAL STONE BASE
3,619	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/4")
2,667	SY	INCIDENTAL MILLING
9,402	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
630	TON	ASPHALT BINDER FOR PLANT MIX
128,221	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
18,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
14,919	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
311	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
320,689	LF	PAINT PAVEMENT MARKING LINES (4")
1,134	LF	PAINT PAVEMENT MARKING LINES (8")
1,030	EA	PERMANENT RAISED PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 014

CONTRACT ID : C203066 7CR.20681.27

DIV OFFICE GREENSBORO

LENGTH = 14.929 MI

COUNTY : ORANGE

RESURFACING.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : NOV 16 2012

9 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,202	TON	INCIDENTAL STONE BASE
5,410	SY	INCIDENTAL MILLING
14,784	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
992	TON	ASPHALT BINDER FOR PLANT MIX
116,241	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
67,376	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
6	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
10,620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
11,775	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
256	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
565,641	LF	PAINT PAVEMENT MARKING LINES (4")
1,440	EA	PERMANENT RAISED PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 015

CONTRACT ID : C202818 33804.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.152 MI

COUNTY : ROWAN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : MAY 29 2013

BRIDGES #25 OVER SECOND CREEK AND APPROACHES ON SR-2048.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+50.00-L-)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
300	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
3,100	CY	BORROW EXCAVATION
150	CY	DRAINAGE DITCH EXCAVATION
600	SY	GEOTEXTILE FOR SOIL STABILIZATION
15	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
40	SY	FOUNDATION CONDITIONING GEOTEXTILE
60	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
48	LF	15" SIDE DRAIN PIPE
23	LF	PIPE REMOVAL
100	CY	SHALLOW UNDERCUT
200	TON	CLASS IV SUBGRADE STABILIZATION
400	TON	INCIDENTAL STONE BASE
150	SY	INCIDENTAL MILLING
375	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
210	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
575	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
65	TON	ASPHALT BINDER FOR PLANT MIX
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
10	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
35	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
55	LF	SHOULDER BERM GUTTER
425	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
732	LF	REMOVE EXISTING GUARDRAIL
950	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
590	LF	BARBED WIRE FENCE RESET
1	EA	GENERIC FENCING ITEM RESET 20' METAL GATE
1	EA	GENERIC FENCING ITEM RESET 24' METAL GATE
270	TON	RIP RAP, CLASS II
156	TON	RIP RAP, CLASS B
1,780	SY	GEOTEXTILE FOR DRAINAGE
76	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
485	SF	WORK ZONE SIGNS (STATIONARY)
248	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	PORTABLE CHANGEABLE MESSAGE SIGN
184	LF	BARRICADES (TYPE III)
890	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

898	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,020	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
9	EA	PERMANENT RAISED PAVEMENT MARKERS
975	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
375	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
260	LF	TEMPORARY SLOPE DRAINS
100	LF	SAFETY FENCE
330	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
220	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
110	LF	WATTLE
60	LB	POLYACRYLAMIDE (PAM)
70	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
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+50.00-L-)
145	LF	3'-6" DIA DRILLED PIERS IN SOIL
52	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
55	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+50.00-L-)
105	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+50.00-L-)
25,956	LB	REINFORCING STEEL (BRIDGE)
5,812	LB	SPRAL COLUMN REINFORCING STEEL (BRIDGE)
350	LF	HP12X53 STEEL PILES
505.5	LF	VERTICAL CONCRETE BARRIER RAIL
564	TON	RIP RAP CLASS II (2'-0" THICK)
628	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,776.13	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 016

CONTRACT ID : C203013 17BP.10.H.1

DIV OFFICE ALBEMARLE

LENGTH = 0.000 MI

COUNTY : MECKLENBURG, ANSON

BRIDGE PRESERVATION

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

BRIDGE # 54 ON WEST BLVD, 88 ON NC-49 AND 81 OVER PEE DEE RIVER.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
347	SY	INCIDENTAL MILLING
20	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2	TON	ASPHALT BINDER FOR PLANT MIX
80	SF	WORK ZONE SIGNS (STATIONARY)
240	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
60	EA	DRUMS
2	EA	TMA
20	EA	SKINNY DRUM
685	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
4,920	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
40	EA	PERMANENT RAISED PAVEMENT MARKERS
70,493	SF	GROOVING BRIDGE FLOORS
1	LB	REINFORCING STEEL (BRIDGE)
Lump Sum	LS	POLLUTION CONTROL
59.4	CF	CONCRETE REPAIRS
496	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 & REPAINTING BRIDGE #54
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #81
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #88
Lump Sum	LS	GENERIC STRUCTURE ITEM RESET ROCKER BEARING
Lump Sum	LS	GENERIC STRUCTURE ITEM RUBBER EXPANSION JOINT SEALS
351.7	CY	GENERIC STRUCTURE ITEM LATEX MODIFIED CONC OVERLAY VERY EARLY STRENGTH
8,838	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
8,838	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING LATEX MODIFIED CONCRETE VERY EARLY STRENGTH
8,838	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 017

CONTRACT ID : C203003 38194.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.094 MI

COUNTY : ANSON

GRADING, DRAINAGE, PAVING AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : NOV 28 2013

BRIDGE #88 OVER THE WINSTON SALEM SB RAILROAD ON RIDGE ST.

		ROADWAY ITEMS			
				2,282	LF PAINT PAVEMENT MARKING LINES (4")
				40	LF PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	MOBILIZATION		11	EA PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	CONSTRUCTION SURVEYING		590	LF 6" WATER LINE
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		1	EA 6" VALVE
50	CY	UNDERCUT EXCAVATION		2	EA RELOCATE WATER METER
Lump Sum	LS	GRADING		560	LF ABANDON 6" UTILITY PIPE
2,860	CY	BORROW EXCAVATION		130	LF 16" ENCASUREMENT PIPE
50	CY	SELECT GRANULAR MATERIAL		1,530	LF TEMPORARY SILT FENCE
50	SY	FABRIC FOR SOIL STABILIZATION		115	TON STONE FOR EROSION CONTROL, CLASS A
140	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		190	TON STONE FOR EROSION CONTROL, CLASS B
230	SY	FOUNDATION CONDITIONING FABRIC		105	TON SEDIMENT CONTROL STONE
44	LF	15" DRAINAGE PIPE		1	ACR TEMPORARY MULCHING
520	LF	15" RC PIPE CULVERTS, CLASS III		50	LB SEED FOR TEMPORARY SEEDING
88	LF	15" CS PIPE CULVERTS, 0.064" THICK		0.25	TON FERTILIZER FOR TEMPORARY SEEDING
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")		200	LF TEMPORARY SLOPE DRAINS
112	LF	PIPE REMOVAL		225	CY SILT EXCAVATION
100	TON	INCIDENTAL STONE BASE		7,500	SY MATTING FOR EROSION CONTROL
250	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")		270	LF 1/4" HARDWARE CLOTH
280	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		1	ACR SEEDING & MULCHING
230	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		1	ACR MOWING
210	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		50	LB SEED FOR REPAIR SEEDING
40	TON	ASPHALT BINDER FOR PLANT MIX		0.25	TON FERTILIZER FOR REPAIR SEEDING
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		50	LB SEED FOR SUPPLEMENTAL SEEDING
9	EA	MASONRY DRAINAGE STRUCTURES		0.75	TON FERTILIZER TOPDRESSING
0.3	LF	MASONRY DRAINAGE STRUCTURES		10	MHR SPECIALIZED HAND MOWING
1	EA	FRAME WITH GRATE, STD 840.**** (840.16)		18	EA RESPONSE FOR EROSION CONTROL
3	EA	FRAME WITH TWO GRATES, STD 840.24		Lump Sum	LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+66.44-L-)
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		140	LF PILE EXCAVATION NOT IN SOIL
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		1	EA PDA TESTING
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		Lump Sum	LS UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+66.44-L-)
720	LF	2'-6" CONCRETE CURB & GUTTER		3,673	SF REINFORCED CONCRETE DECK SLAB
5	SY	4" CONCRETE SIDEWALK		2,673	SF GROOVING BRIDGE FLOORS
60	SY	6" CONCRETE DRIVEWAY		52	CY CLASS A CONCRETE (BRIDGE)
22	SY	4" CONCRETE PAVED DITCH		Lump Sum	LS BRIDGE APPROACH SLABS, STATION ***** (12+66.44-L-)
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES		9,862	LB REINFORCING STEEL (BRIDGE)
125	LF	STEEL BM GUARDRAIL		437	LF MODIFIED 63" PRESTRESSED CONC GIRDERS
5	EA	ADDITIONAL GUARDRAIL POSTS		490	LF HP12X53 STEEL PILES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III		14	EA STEEL PILE POINTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 (TL-2)		162	LF THREE BAR METAL RAIL
20	TON	RIP RAP, CLASS B		Lump Sum	LS ELASTOMERIC BEARINGS
340	SY	FILTER FABRIC FOR DRAINAGE		2,603	SF GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 1
272	SF	WORK ZONE SIGNS (STATIONARY)		3,008	SF GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 2
96	SF	WORK ZONE SIGNS (PORTABLE)		160	LF GENERIC STRUCTURE ITEM PROTECTIVE FENCING
138	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
40	EA	DRUMS			
128	LF	BARRICADES (TYPE III)			
8	MD	FLAGGER			
78	LF	PORTABLE CONCRETE BARRIER			
180	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (I)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 018

CONTRACT ID : C203055 10CR.10131.25

DIV OFFICE ALBEMARLE

LENGTH = 37.920 MI

COUNTY : CABARRUS

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

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

2 SECTIONS OF US-601, 1 SECTION OF NC-3, 1 SECTION OF NC-73 AND 16 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,406	CY	BORROW EXCAVATION
1,695	TON	INCIDENTAL STONE BASE
66.13	SMI	SHOULDER RECONSTRUCTION
29,430	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
8,076	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,540	SY	INCIDENTAL MILLING
28,427	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,270	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
22,871	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
3,544	TON	ASPHALT BINDER FOR PLANT MIX
11,535	TON	PATCHING EXISTING PAVEMENT
4	EA	RETROFIT EXISTING CURB RAMP
65	SY	6" CONCRETE DRIVEWAY
3	EA	ADJUSTMENT OF CATCH BASINS
22	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
562,936	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
281,185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
2,734	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,708	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
45	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
159	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,740	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
3,740	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3,449	EA	PERMANENT RAISED PAVEMENT MARKERS
10,800	LF	TEMPORARY SILT FENCE
14,720	SY	MATTING FOR EROSION CONTROL
9,118	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 019

CONTRACT ID : C203005 17BP.11.H.3

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.000 MI

COUNTY : WILKES, CALDWELL

BRIDGE DECK PRESERVATION.

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

BRIDGE #8 ON US-64/NC-18, #13 AND #14 ON US-321, #52 ON NC-115, AND #56 ON NC-268.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
0.038	SMI	SHOULDER RECONSTRUCTION
2,071.4	SY	INCIDENTAL MILLING
27	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
144	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
11	TON	ASPHALT BINDER FOR PLANT MIX
200	LF	REMOVE & RESET EXISTING GUARD- RAIL
400	SF	WORK ZONE SIGNS (STATIONARY)
674	SF	WORK ZONE SIGNS (PORTABLE)
5	EA	FLASHING ARROW BOARD
90	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
300	EA	DRUMS
40	EA	CONES
1,120	HR	FLAGGER
2	EA	TMA
112	HR	LAW ENFORCEMENT
48	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
4,125	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
20	EA	SNOWPLOWABLE PAVEMENT MARKERS
20,358	SF	GROOVING BRIDGE FLOORS
29	CF	CONCRETE REPAIRS
41	CF	SHOTCRETE REPAIRS
Lump Sum	LS	FOAM JOINT SEALS
142.4	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
2,656.3	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
2,656.3	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY VERY EARLY STRENGTH
2,656.3	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
3	EA	GENERIC STRUCTURE ITEM SPAN JACKING WILKES CO BRIDGE #52

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 020

CONTRACT ID : C202820 34783.3.3

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.870 MI

COUNTY : CALDWELL

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 14.0% COMPLETION DATE : MAR 14 2015

SR-1001 (HIBRITEN DR) FROM US-321A (NORWOOD ST) TO SR-1712 (STARCROSS RD) EAST OF US-321.

ROADWAY ITEMS				
			1,000	TON STABILIZER AGGREGATE
			12,900	TON AGGREGATE BASE COURSE
			8,990	SY SOIL CEMENT BASE
			248	TON PORTLAND CEMENT FOR SOIL CE- MENT BASE
Lump Sum	LS	MOBILIZATION	2,700	GAL ASPHALT CURING SEAL
Lump Sum	LS	CONSTRUCTION SURVEYING	300	TON INCIDENTAL STONE BASE
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	690	SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
	2	ACR SUPPLEMENTARY CLEARING & GRUB- BING	3,300	SY MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
	201,000	CY UNCLASSIFIED EXCAVATION	3,280	TON ASPHALT CONC BASE COURSE, TYPE B25.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (33+87.18-L-)	4,560	TON ASPHALT CONC BASE COURSE, TYPE B25.0C
	10,300	CY UNDERCUT EXCAVATION	8,720	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	94,800	CY BORROW EXCAVATION	2,210	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
	2,869	CY DRAINAGE DITCH EXCAVATION	8,230	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	930	LF BERM DITCH CONSTRUCTION	3,880	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	10,900	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	1,110	TON ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	3	HR PROOF ROLLING	1,670	TON ASPHALT BINDER FOR PLANT MIX
	10,500	CY SELECT GRANULAR MATERIAL	870	TON ASPHALT PLANT MIX, PAVEMENT REPAIR
	4,000	SY GEOTEXTILE FOR SOIL STABILIZA- TION	336	CY SUBDRAIN EXCAVATION
	1,480	SF TEMPORARY SHORING	168	CY SUBDRAIN FINE AGGREGATE
	300	TON GENERIC GRADING ITEM EXCAVATION, HAULING, AND DIS- POSAL OF CONTAMINATED SOIL	1,000	LF 6" PERFORATED SUBDRAIN PIPE
	1,742	TON FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	2	EA SUBDRAIN PIPE OUTLET
	7,127	SY FOUNDATION CONDITIONING GEO- TEXTILE	12	LF 6" OUTLET PIPE
	28	LF *** SIDE DRAIN PIPE (30")	20	TON BLOTTING SAND
	68	LF *** SIDE DRAIN PIPE (36")	3.8	CY ENDWALLS
	160	LF *** SIDE DRAIN PIPE (42")	10	CY REINFORCED ENDWALLS
	1,132	LF 15" SIDE DRAIN PIPE	4,983	CY PIPE COLLARS
	864	LF 18" SIDE DRAIN PIPE	0,246	CY PIPE PLUGS
	1,280	LF 24" SIDE DRAIN PIPE	14	CY FLOWABLE FILL
	36	LF 18" RC PIPE CULVERTS, CLASS III	137	EA MASONRY DRAINAGE STRUCTURES
	20	LF 24" RC PIPE CULVERTS, CLASS III	46.6	CY MASONRY DRAINAGE STRUCTURES
	312	LF ***** RC PIPE CULVERTS, CLASS IV (54")	60	LF MASONRY DRAINAGE STRUCTURES
	816	LF ***** RC PIPE CULVERTS, CLASS IV (60")	20	EA FRAME WITH TWO GRATES, STD 840.16
	3,452	LF 15" RC PIPE CULVERTS, CLASS IV	5	EA FRAME WITH TWO GRATES, STD 840.22
	756	LF 18" RC PIPE CULVERTS, CLASS IV	16	EA FRAME WITH TWO GRATES, STD 840.24
	892	LF 24" RC PIPE CULVERTS, CLASS IV	19	EA FRAME WITH TWO GRATES, STD 840.29
	56	LF 30" RC PIPE CULVERTS, CLASS IV	9	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	344	LF 36" RC PIPE CULVERTS, CLASS IV	25	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	280	LF 42" RC PIPE CULVERTS, CLASS IV	30	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	12	LF *** CS PIPE CULVERTS, ***** THICK (42", 0.109")	17	EA FRAME WITH COVER, STD 840.54
	708	LF 15" CS PIPE CULVERTS, 0.064" THICK	2	EA CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
	120	LF 18" CS PIPE CULVERTS, 0.064" THICK	15	EA CONCRETE TRANSITIONAL SECTION FOR DROP INLET
	20	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")	960	LF ***X *** CONCRETE CURB (8" X 12")
	177	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (60", 0.875")	8,620	LF 2'-6" CONCRETE CURB & GUTTER
	75	LF *** WELDED STEEL PIPE, ***** THICK, GRADE B NOT IN SOIL (60", 0.875")	760	LF SHOULDER BERM GUTTER
	1,514	LF PIPE REMOVAL	480	LF CONCRETE EXPRESSWAY GUTTER
	230	SY 6" SLOPE PROTECTION	260	SY 6" CONCRETE DRIVEWAY
Lump Sum	LS	FINE GRADING	60	SY 4" CONCRETE PAVED DITCH
	8,990	SY LIME TREATED SOIL (SLURRY METHOD)	2,650	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	90	TON LIME FOR LIME TREATED SOIL	5	EA ADJUSTMENT OF DROP INLETS
	2,000	CY SHALLOW UNDERCUT	3	EA CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE
	3,000	TON CLASS IV SUBGRADE STABILIZA- TION	3,700	LF STEEL BM GUARDRAIL

			2,232	LF	PAINT PAVEMENT MARKING LINES (24")
			64	EA	PAINT PAVEMENT MARKING CHARACTER
237.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	256	EA	PAINT PAVEMENT MARKING SYMBOL
4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	47,271	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
5	EA	ADDITIONAL GUARDRAIL POSTS	4,569	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	39,232	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3	EA	GUARDRAIL ANCHOR UNITS, TYPE III	8,872	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
13	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	649	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
2,575	LF	REMOVE EXISTING GUARDRAIL	215	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
7,170	LF	WOVEN WIRE FENCE, 47" FABRIC	47	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
450	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	455	EA	SNOWFLOWABLE PAVEMENT MARKERS
130	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	2,227	LF	6" WATER LINE
720	LF	CHAIN LINK FENCE, 48" FABRIC	3,458	LF	12" WATER LINE
59	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	11	EA	6" VALVE
6	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	12	EA	12" VALVE
2	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, DOUBLE GATE (48")	3	EA	2" AIR RELEASE VALVE
800	LF	ADDITIONAL BARBED WIRE	29	EA	3/4" WATER METER
1	EA	DOUBLE GATES, *** HIGH, *** WIDE, ** OPENING (48", 10', 20')	5	EA	RECONNECT WATER METER
256	TON	RIP RAP, CLASS I	8	EA	FIRE HYDRANT
1,109	TON	RIP RAP, CLASS B	3,848	LF	8" SANITARY GRAVITY SEWER
5,664	SY	GEOTEXTILE FOR DRAINAGE	1,875	LF	12" SANITARY GRAVITY SEWER
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	20	EA	SANITARY SEWER CLEAN-OUT
9	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	38	EA	4' DIA UTILITY MANHOLE
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	5	EA	5' DIA UTILITY MANHOLE
5,008	LB	SUPPORTS, BREAKAWAY STEEL BEAM	128	LF	UTILITY MANHOLE WALL, 4' DIA
3,331	LB	SUPPORTS, SIMPLE STEEL BEAM	64	LF	UTILITY MANHOLE WALL, 5' DIA
1,926	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	505	LF	ABANDON *** UTILITY PIPE (4")
2	EA	SIGN ERECTION, TYPE D	2,839	LF	ABANDON 6" UTILITY PIPE
74	EA	SIGN ERECTION, TYPE E	3,248	LF	ABANDON 8" UTILITY PIPE
10	EA	SIGN ERECTION, TYPE F	5,213	LF	ABANDON 12" UTILITY PIPE
11	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	34	EA	REMOVE WATER METER
1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	7	EA	REMOVE FIRE HYDRANT
58	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	24	EA	ABANDON UTILITY MANHOLE
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD	270	LF	24" ENCASMENT PIPE
1,581	SF	WORK ZONE SIGNS (STATIONARY)	135	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
882	SF	WORK ZONE SIGNS (PORTABLE)	135	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
620	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	15,500	LF	TEMPORARY SILT FENCE
2	EA	FLASHING ARROW BOARD	1,200	TON	STONE FOR EROSION CONTROL, CLASS A
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	4,610	TON	STONE FOR EROSION CONTROL, CLASS B
120	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	3,310	TON	SEDIMENT CONTROL STONE
400	EA	DRUMS	62	ACR	TEMPORARY MULCHING
50	EA	CONES	2,000	LB	SEED FOR TEMPORARY SEEDING
400	LF	BARRICADES (TYPE III)	10.25	TON	FERTILIZER FOR TEMPORARY SEEDING
720	HR	FLAGGER	2,000	LF	TEMPORARY SLOPE DRAINS
2	EA	TEMPORARY CRASH CUSHIONS	3,800	LF	SAFETY FENCE
2	EA	RESET TEMPORARY CRASH CUSHION	21,300	CY	SILT EXCAVATION
2	EA	TMA	24,500	SY	MATTING FOR EROSION CONTROL
6,420	LF	PORTABLE CONCRETE BARRIER	240	SY	COIR FIBER MAT
6,410	LF	RESET PORTABLE CONCRETE BARRIER	1,550	SY	PERMANENT SOIL REINFORCEMENT MAT
1,727	EA	TEMPORARY RAISED PAVEMENT MARKERS	8,000	LF	1/4" HARDWARE CLOTH
1,186	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	485	LF	*** TEMPORARY PIPE (24")
714	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	440	CY	STILLING BASINS
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	4	EA	SPECIAL STILLING BASINS
118	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	550	LB	POLYACRYLAMIDE (PAM)
3,350	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	3,160	LF	COIR FIBER BAFFLE
4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)	21	EA	*** SKIMMER (1-1/2")
182,596	LF	PAINT PAVEMENT MARKING LINES (4")	1	EA	*** SKIMMER (2")
4,510	LF	PAINT PAVEMENT MARKING LINES (8")	45	ACR	SEEDING & MULCHING
			30	ACR	MOWING
			650	LB	SEED FOR REPAIR SEEDING
			2	TON	FERTILIZER FOR REPAIR SEEDING
			1,325	LB	SEED FOR SUPPLEMENTAL SEEDING
			40	TON	FERTILIZER TOPDRESSING
			235	LF	IMPERVIOUS DIKE
			40	MHR	SPECIALIZED HAND MOWING
			75	EA	RESPONSE FOR EROSION CONTROL
			430	CY	CULVERT DIVERSION CHANNEL
			0.25	ACR	REFORESTATION
			8,140	LF	SIGNAL CABLE
			32	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)

7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
9	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2,080	LF	MESSENGER CABLE (3/8")
1,530	LF	UNPAVED TRENCHING (*****) (1, 2")
1,655	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
19	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	WOOD POLE
8	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
3	EA	2" RISER WITH WEATHERHEAD
7,230	LF	INDUCTIVE LOOP SAWCUT
18,605	LF	LEAD-IN CABLE (*****) (14-2)
8	EA	METAL STRAIN SIGNAL POLE
8	EA	SOIL TEST
48	CY	DRILLED PIER FOUNDATION
2	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
24	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (10+94.00-Y9-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+08.14-Y5-)
808	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
911.7	CY	CLASS A CONCRETE (CULVERT)
142,956	LB	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (33+87.18-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 33+87.18-L-)
6	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (33+87.18-L-)
17,018	SF	REINFORCED CONCRETE DECK SLAB
16,691	SF	GROOVING BRIDGE FLOORS
292.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (33+87.18-L-)
40,948	LB	REINFORCING STEEL (BRIDGE)
3,090	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,032.19	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
5,220	LF	HP12X53 STEEL PILES
394.66	LF	THREE BAR METAL RAIL
900	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
6	EA	GENERIC STRUCTURE ITEM PDA ASSISTANCE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 021

CONTRACT ID : C202819 38461.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.227 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : JAN 28 2014

BRIDGE OVER COVE CREEK AND APPROACHES ON US-321.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (19+78.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
16	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
362	SY	GEOTEXTILE FOR SOIL STABILIZATION
65	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
210	SY	FOUNDATION CONDITIONING GEOTEXTILE
68	LF	15" SIDE DRAIN PIPE
232	LF	18" SIDE DRAIN PIPE
4	EA	***" SIDE DRAIN PIPE ELBOWS (15")
212	LF	48" RC PIPE CULVERTS, CLASS III
92	LF	18" CS PIPE CULVERTS, 0.064" THICK
131	CY	SHALLOW UNDERCUT
250	TON	CLASS IV SUBGRADE STABILIZATION
1,410	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
950	GAL	PRIME COAT
250	SY	INCIDENTAL MILLING
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
490	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,020	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
107	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
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
6	CY	ENDWALLS
0.454	CY	PIPE PLUGS
72	CY	FLOWABLE FILL
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
230	LF	SHOULDER BERM GUTTER
587.5	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
687.5	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
160	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
17	TON	RIP RAP, CLASS I
6	TON	RIP RAP, CLASS B

512	SY	GEOTEXTILE FOR DRAINAGE
392	SF	WORK ZONE SIGNS (STATIONARY)
160	SF	WORK ZONE SIGNS (PORTABLE)
56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
71	EA	DRUMS
30	EA	CONES
64	LF	BARRICADES (TYPE III)
1,620	HR	FLAGGER
30	EA	SKINNY DRUM
78	EA	TEMPORARY RAISED PAVEMENT MARKERS
380	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
20,183	LF	PAINT PAVEMENT MARKING LINES (4")
124	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING SYMBOL
5,272	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
18	EA	SNOWFLOWABLE PAVEMENT MARKERS
5,535	LF	TEMPORARY SILT FENCE
315	TON	STONE FOR EROSION CONTROL, CLASS A
305	TON	STONE FOR EROSION CONTROL, CLASS B
235	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
300	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
460	CY	SILT EXCAVATION
8,000	SY	MATTING FOR EROSION CONTROL
230	SY	PERMANENT SOIL REINFORCEMENT MAT
415	LF	1/4" HARDWARE CLOTH
540	LF	WATTLE
135	LB	POLYACRYLAMIDE (PAM)
115	LF	COIR FIBER BAFFLE
3	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (19+78.00-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+78.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+78.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+78.00-L-)
4,042	SF	CONCRETE WEARING SURFACE
5,588	SF	GROOVING BRIDGE FLOORS
49.2	CY	CLASS A CONCRETE (CULVERT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+78.00-L-)

8,528	LB	REINFORCING STEEL (BRIDGE)
400	LF	HP12X53 STEEL PILES
10	EA	STEEL PILE POINTS
195.21	LF	CONCRETE BARRIER RAIL
54	TON	RIP RAP CLASS II (2'-0" THICK)
60	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
1,464.06	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS
1,550	SF	GENERIC STRUCTURE ITEM 18" STEEL SHEET PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120515 023

CONTRACT ID : C203010 45544.3.1

DIV OFFICE SHELBY

LENGTH = 6.700 MI

COUNTY : GASTON, CLEVELAND

MILLING, PAVING, AND PAVEMENT MARKINGS.

DBE GOAL 10.0% COMPLETION DATE : OCT 01 2012

I-85 FROM MP-7.3 IN CLEVELAND COUNTY TO MP-13.9 IN GASTON COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
271,100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
30,370	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
1,735	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
550	TON	PATCHING EXISTING PAVEMENT
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
180,520	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
7,250	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,213	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
1,352	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 024

CONTRACT ID : C203009 17BP.13.P.2

DIV OFFICE ASHEVILLE

LENGTH = 0.000 MI

COUNTY : BUNCOMBE

BRIDGE DECK PERSERVATION.

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

BRIDGES #253 ON I-26 WBL, #382 ON US-25/70, #171 ON NC-191, #324 ON SR-1684, AND #387 ON SR-1727.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	3	EA	GENERIC STRUCTURE ITEM
0.19	SMI	SHOULDER RECONSTRUCTION			SPAN JACKING BUNCOMBE CO
3,277	SY	INCIDENTAL MILLING			BRIDGE #387
251	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
15	TON	ASPHALT BINDER FOR PLANT MIX			
141	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
864	LF	REMOVE & RESET EXISTING GUARD- RAIL			
400	SF	WORK ZONE SIGNS (STATIONARY)			
410	SF	WORK ZONE SIGNS (PORTABLE)			
10	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
7	EA	FLASHING ARROW BOARD			
9	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
1,010	EA	DRUMS			
40	LF	BARRICADES (TYPE III)			
1,248	HR	FLAGGER			
3	EA	TMA			
2,348	HR	LAW ENFORCEMENT			
72	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
36	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (II)			
16	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (II)			
27	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)			
9,431	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)			
2,250	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)			
825	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)			
27	EA	PERMANENT RAISED PAVEMENT MARKERS			
96	EA	SNOWPLOWABLE PAVEMENT MARKERS			
58,509	SF	GROOVING BRIDGE FLOORS			
Lump Sum	LS	POLLUTION CONTROL			
Lump Sum	LS	ELASTOMERIC BEARINGS			
497	CF	CONCRETE REPAIRS			
183	CF	SHOTCRETE REPAIRS			
Lump Sum	LS	FOAM JOINT SEALS			
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE # 253			
Lump Sum	LS	GENERIC STRUCTURE ITEM TEMP STEEL PLATE COVER FOR DIAPH REPAIR			
372	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH			
7,225	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK			
7,225	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH			
7,225	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK			
9	EA	GENERIC STRUCTURE ITEM SPAN JACKING BUNCOMBE CO BRIDGE #253			
3	EA	GENERIC STRUCTURE ITEM SPAN JACKING BUNCOMBE CO BRIDGE #382			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 026

CONTRACT ID : C203063 13CR.10111.12

DIV OFFICE ASHEVILLE

LENGTH = 1.380 MI

COUNTY : BUNCOMBE

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 30 2012

US-25 FROM SR-3081 TO 1 MILE SOUTH OF NC-81.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
16,192	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
4,498	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
270	TON	ASPHALT BINDER FOR PLANT MIX
690	TON	PATCHING EXISTING PAVEMENT
17	EA	GENERIC PAVING ITEM REMOVE & REPLACE CURB RAMPS
14	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
21,859	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
394	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
516	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
89	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
365	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 027

CONTRACT ID : C203059

13CR.10121.10

DIV OFFICE ASHEVILLE

LENGTH = 5.960 MI

COUNTY : BURKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : SEP 30 2012

US-70 FROM MP-8.97 TO SR-1142 AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
176	TON	INCIDENTAL STONE BASE
6.82	SMI	SHOULDER RECONSTRUCTION
4,700	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
250	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,426	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
379	TON	ASPHALT BINDER FOR PLANT MIX
1,311	TON	PATCHING EXISTING PAVEMENT
7	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,373	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,433	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
157,132	LF	PAINT PAVEMENT MARKING LINES (4")
26	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 028

CONTRACT ID : C203061 13CR.10591.11

DIV OFFICE ASHEVILLE

LENGTH = 3.460 MI

COUNTY : MCDOWELL, MITCHELL

RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : SEP 30 2012

NC-126 FROM US-70 TO WEST OF SR-1547, NC-226A FROM NEW PVMT (MP 1.14) TO NC-80 & 3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
173	TON	INCIDENTAL STONE BASE
6.92	SMI	SHOULDER RECONSTRUCTION
1,830	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,952	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
241	TON	ASPHALT BINDER FOR PLANT MIX
1,445	TON	PATCHING EXISTING PAVEMENT
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
15,734	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
15,734	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
70	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
83,212	LF	PAINT PAVEMENT MARKING LINES (4")
10	LF	PAINT PAVEMENT MARKING LINES (24")
197	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120515 029

CONTRACT ID : C203062 13CR.10811.10

DIV OFFICE ASHEVILLE

LENGTH = 13.260 MI

COUNTY : RUTHERFORD

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEP 30 2012

3 SECTIONS OF US-74 AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20,000	LB	SEALING EXISTING PAVEMENT CRACKS
172	TON	INCIDENTAL STONE BASE
6.88	SMI	SHOULDER RECONSTRUCTION
2,250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
276	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,546	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
255	TON	ASPHALT BINDER FOR PLANT MIX
2,709	TON	PATCHING EXISTING PAVEMENT
213,875.2	SY	GENERIC PAVING ITEM LATEX MOD MICRO-SURFACING, TYPE C
107,182	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
13,095	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
24	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
248,159	LF	PAINT PAVEMENT MARKING LINES (4")
2,700	LF	PAINT PAVEMENT MARKING LINES (8")
117,849	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2,700	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
754	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120619 001

CONTRACT ID : C202837 34461.3.4

DIV OFFICE WILSON

LENGTH = 9.490 KM

COUNTY : WAYNE

GRADING, DRAINAGE, PAVING, CURB & GUTTER, AND STRUCTURE.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : APR 29 2016

US-70 FROM WEST OF NC-581 TO SR-1300 (SALEM CHURCH RD).

ROADWAY ITEMS					
			81.6	M	1350MM RC PIPE CULVERTS, CLASS III
			64.8	M	****MM CS PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. HECTARE(S)	314	M	400MM CS PIPE CULVERTS, 1.63MM THICK
1.2	HA	SUPPLEMENTARY CLEARING & GRUBBING	40.8	M	600MM CS PIPE CULVERTS, 1.63MM THICK
9	EA	SEALING ABANDONED WELLS	20	EA	****MM CS PIPE ELBOWS, ****MM THICK (400MM, 1.63MM)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (10+03.224 -L2RPDB-)	42	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE ** IN SOIL (600MM, 12.5MM, B)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+87.934 -Y-)	5	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE ** NOT IN SOIL (600MM, 12.5MM, B)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+08.093 -Y10-)	839.9	M	PIPE REMOVAL
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (17+20.212 -FLY-)	Lump Sum	LS	FINE GRADING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (70+24 -L- LT)	70	MTN	#57 STONE
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (70+24 -L- RT)	5,000	MTN	STABILIZER AGGREGATE
			5,000	MTN	INCIDENTAL STONE BASE
			72.206	L	PRIME COAT
			12,970	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (80MM)
64,300	M3	UNDERCUT EXCAVATION	7,200	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,000	M3	SHALLOW UNDERCUT	43,000	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2,250	MTN	CLASS IV SUBGRADE STABILIZATION	20,600	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10	EA	EMBANKMENT SETTLEMENT GAUGES	44,300	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
20,100	M3	DRAINAGE DITCH EXCAVATION	200	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
400	M	BERM DITCH CONSTRUCTION	31,110	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
35,000	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	3,064	M3	SUBDRAIN EXCAVATION
16,200	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	1,532	M3	SUBDRAIN FINE AGGREGATE
80	HR	PROOF ROLLING	3,700	M	150MM PERFORATED SUBDRAIN PIPE
64,300	M3	SELECT GRANULAR MATERIAL	25	EA	SUBDRAIN PIPE OUTLETS
65,300	M2	FABRIC FOR SOIL STABILIZATION	50	M	150MM OUTLET PIPE (SUBDRAINS)
160	M2	TEMPORARY SHORING	29.8	M3	ENDWALLS
10,920	M2	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION	3.8	M3	REINFORCED ENDWALLS
49,000	M2	GENERIC GRADING ITEM GEOTEXTILE FOR PAVEMENT STABILIZATION	0.33	M3	PIPE COLLARS
1,500	M2	GENERIC GRADING ITEM REINFORCED SOIL SLOPES	0.44	M3	PIPE PLUGS
1,565	M2	GENERIC GRADING ITEM TYPE 2 ENGINEERING FABRIC	60	M3	FLOWABLE FILL
60	M	GENERIC GRADING ITEM VERTICLE INCLINOMETER CASINGS	103	EA	MASONRY DRAINAGE STRUCTURES
12	EA	GENERIC GRADING ITEM VW PIEZOMETER	8,823	M	MASONRY DRAINAGE STRUCTURES
1,700	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	6	EA	FRAME WITH GRATE, STD 840.22
5,100	M2	FOUNDATION CONDITIONING FABRIC	23	EA	FRAME WITH TWO GRATES, STD 840.20
538.8	M	****MM SIDE DRAIN PIPE (375MM)	73	EA	FRAME WITH TWO GRATES, STD 840.22
204	M	****MM SIDE DRAIN PIPE (450MM)	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
230.4	M	****MM SIDE DRAIN PIPE (600MM)	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
326.4	M	****MM SIDE DRAIN PIPE (750MM)	2	EA	FRAME WITH COVER, STD 840.54
246	M	****MM SIDE DRAIN PIPE (900MM)	460	M	750MM CONCRETE CURB & GUTTER
873.6	M	375MM RC PIPE CULVERTS, CLASS III	850	M	SHOULDER BERM GUTTER
502.8	M	450MM RC PIPE CULVERTS, CLASS III	20	M2	150MM CONCRETE DRIVEWAY
636	M	600MM RC PIPE CULVERTS, CLASS III	280	M2	100MM CONCRETE PAVED DITCH
722.4	M	750MM RC PIPE CULVERTS, CLASS III	750	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
355.2	M	900MM RC PIPE CULVERTS, CLASS III	310	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
175.2	M	1050MM RC PIPE CULVERTS, CLASS III	1	EA	ADJUSTMENT OF DROP INLETS
			1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
			7	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			6,507.48	M	STEEL BM GUARDRAIL
			91.44	M	STEEL BM GUARDRAIL, SHOP CURVED

			1,210	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)	
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	109,921	M	PAINT PAVEMENT MARKING LINES (100MM)	
10	EA	ADDITIONAL GUARDRAIL POSTS	300	M	PAINT PAVEMENT MARKING LINES (200MM)	
24	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	208	M	PAINT PAVEMENT MARKING LINES (600MM)	
33	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	52	EA	PAINT PAVEMENT MARKING SYMBOL	
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	989	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (HIGHLY REFLECTIVE ELEMENTS)	
34	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	4,120	M	POLYUREA PAVEMENT MARKING LINES (150MM, *****) (HIGHLY REFLECTIVE ELEMENTS)	
7,100	M	DOUBLE FACED CABLE GUIDERAIL	2,165	EA	PERMANENT RAISED PAVEMENT MARKERS	
10	EA	ADDITIONAL GUIDERAIL POSTS	104	EA	SNOWFLOWABLE PAVEMENT MARKERS	
37	EA	CABLE GUIDERAIL ANCHOR UNITS	25,000	M	TEMPORARY SILT FENCE	
18,650	M	WOVEN WIRE FENCE, 1200MM FABRIC	9,750	MTN	STONE FOR EROSION CONTROL, CLASS A	
3,920	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	6,200	MTN	STONE FOR EROSION CONTROL, CLASS B	
830	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	8,300	MTN	SEDIMENT CONTROL STONE	
48	MTN	RIP RAP, CLASS I	200	HA	TEMPORARY MULCHING	
200	MTN	RIP RAP, CLASS II	4,250	KG	SEED FOR TEMPORARY SEEDING	
10	MTN	RIP RAP, CLASS A	36	MTN	FERTILIZER FOR TEMPORARY SEEDING	
905	MTN	RIP RAP, CLASS B	2,500	M	TEMPORARY SLOPE DRAINS	
95	MTN	BOULDERS	100	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
8,690	M2	FILTER FABRIC FOR DRAINAGE	5,650	M	SAFETY FENCE	
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	80,000	M3	SILT EXCAVATION	
19	M3	REINFORCED CONCRETE SIGN FOUNDATIONS	158,000	M2	MATTING FOR EROSION CONTROL	
23	M3	OVERHEAD FOOTING	17,000	M2	COIR FIBER MAT	
4,866	KG	SUPPORTS, BREAKAWAY STEEL BEAM	8,200	M2	PERMANENT SOIL REINFORCEMENT MAT	
3,061	KG	SUPPORTS, SIMPLE STEEL BEAM	2,635	M	6.4MM HARDWARE CLOTH	
840	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL	30	M	TEMPORARY PIPE FOR STREAM CROSSING	
22	EA	SUPPORTS, 3-KG STEEL U-CHANNEL	160	M3	STILLING BASINS	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (13+87 -L-)	5	EA	SPECIAL STILLING BASINS	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (6+00 -L-)	300	M	COIR FIBER WATTLE	
97	EA	SIGN ERECTION, TYPE E	575	KG	POLYACRYLAMIDE (PAM)	
26	EA	SIGN ERECTION, TYPE F	5,000	M	COIR FIBER BAFFLE	
18	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	19	EA	***MM SKIMMER (38MM)	
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	8	EA	***MM SKIMMER (51MM)	
22	EA	SIGN ERECTION, MILEMARKERS	2	EA	***MM SKIMMER (64MM)	
55	M2	WORK ZONE SIGNS (STATIONARY)	2	EA	***MM SKIMMER (76MM)	
66	M2	WORK ZONE SIGNS (PORTABLE)	198	HA	SEEDING & MULCHING	
42	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	75	HA	MOWING	
2	EA	FLASHING ARROW PANELS, TYPE C	4,400	KG	SEED FOR REPAIR SEEDING	
3	EA	CHANGEABLE MESSAGE SIGN	14,75	MTN	FERTILIZER FOR REPAIR SEEDING	
300	EA	DRUMS	3,650	KG	SEED FOR SUPPLEMENTAL SEEDING	
150	EA	CONES	218	MTN	FERTILIZER TOPDRESSING	
195	M	BARRICADES (TYPE III)	50	M	IMPERVIOUS DIKE	
1,080	MD	FLAGGER	350	MHR	SPECIALIZED HAND MOWING	
6	EA	TEMPORARY CRASH CUSHIONS	150	EA	RESPONSE FOR EROSION CONTROL	
2	EA	RESET TEMPORARY CRASH CUSHIONS	225	M3	CULVERT DIVERSION CHANNEL	
4	EA	TMA	9	HA	REFORESTATION	
420	M	PORTABLE CONCRETE BARRIER	0.6	HA	STREAMBANK REFORESTATION	
70	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION	
200	M	RESET PORTABLE CONCRETE BARRIER	Lump Sum	LS	GENERIC EROSION CONTROL ITEM GRADING FOR MITIGATION	
766	EA	TEMPORARY RAISED PAVEMENT MARKERS	20	M3	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL	
16,312	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)				***** BEGIN SCHEDULE AA *****
17,089	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	425,100	M3	UNCLASSIFIED EXCAVATION	***** (2 ALTERNATES) *****
41,906	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)	1,239,100	M3	BORROW EXCAVATION	
5,773	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)	112,100	MTN	AGGREGATE BASE COURSE	
775	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	7,600	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
2,538	M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)	76,000	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	
41	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	9,940	MTN	ASPHALT BINDER FOR PLANT MIX *** OR ***	
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	387,000	M3	UNCLASSIFIED EXCAVATION	
67	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1,338,700	M3	BORROW EXCAVATION	
			26,000	MTN	AGGREGATE BASE COURSE	
			11,000	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
			100,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	

11,150	MTN	ASPHALT BINDER FOR PLANT MIX
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*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (39+85.600-L-)
263	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
269.6	M3	CLASS A CONCRETE (CULVERT)
23,097	KG	REINFORCING STEEL (CULVERT)

WALL ITEMS

1,565	M2	MSE RETAINING WALLS
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STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (70+24.00-L- LT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 10+03.224-L2RPDB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 13+87.934-Y-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+40.684-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 31+55.609-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 10+03.224-L2RPDB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 13+87.934-Y-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 10+03.224-L2RPDB-)
10	EA	PDA TESTING
10	EA	PDA ASSISTANCE
25,479.8	M2	REINFORCED CONCRETE DECK SLAB
22,550.7	M2	GROOVING BRIDGE FLOORS
1,789.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+03.224-L2RPDB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+87.934-Y-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+40.684-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+55.609-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (70+24.00-L- LT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (70+24.00-L- RT LN)
173,570	KG	REINFORCING STEEL (BRIDGE)
5,442	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
8,207.564	M	MODIFIED 1829MM PRESTRESSED CONC GIRDBERS
1,274,922	LS	APPROX KG STRUCTURAL STEEL
8,582.7	M	HP310X79 STEEL PILES
2,139.9	M	PP ** X **** GALVANIZED STEEL PILES (610 X 12.70)
2,175.6	M	PP ** X **** GALVANIZED STEEL PILES (762 X 12.70)
876.8	M	PP 457 X 12.70 GALVANIZED STEEL PILES
106	EA	PIPE PILE PLATES
297	EA	PILE REDRIVES
4,122.554	M	CONCRETE BARRIER RAIL

3,624	M2	100MM SLOPE PROTECTION
1,011	MTN	RIP RAP CLASS II (600MM THICK)
1,031	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM DISC BEARINGS
720	M2	GENERIC STRUCTURE ITEM FRICTION REDUCING COATING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120619 002

CONTRACT ID : C202602 34192.2.GV4

DIV OFFICE SHELBY

LENGTH = 3.360 MI

COUNTY : IREDELL

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 14.0% COMPLETION DATE : MAR 14 2017

I-40/I-77 INTERCHANGE, I-40 FROM WEST OF SR-2003 TO SR-2158 AND I-77 FROM SOUTH OF SR-2321 TO SOUTH OF SR-2171.

ROADWAY ITEMS					
			1,604	LF	24" RC PIPE CULVERTS, CLASS III
			732	LF	30" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION	1,392	LF	36" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	CONSTRUCTION SURVEYING			
49	MO	FIELD OFFICE	148	LF	42" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	236	LF	48" RC PIPE CULVERTS, CLASS III
3	ACR	SUPPLEMENTARY CLEARING & GRUBBING	60	LF	54" RC PIPE CULVERTS, CLASS III
806,500	CY	UNCLASSIFIED EXCAVATION	112	LF	66" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (139+86.00 -L- EB)	148	LF	72" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (139+86.00 -L- WB)	164	LF	***** RC PIPE CULVERTS, CLASS IV (48")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+90.00 -Y8-)	3,420	LF	15" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (150+45.40 -Y-)	1,020	LF	18" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+62.00 -YRPD-)	1,068	LF	24" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+48.00 -Y4RPD-)	500	LF	30" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+31.50 -Y4RPA-)	24	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+40.37 -Y1-)	120	LF	*** CS PIPE CULVERTS, ***** THICK (12", 0.064")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (92+00.00 -L-)	8	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+40.37 -Y1-)	3,728	LF	15" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (92+00.00 -L-)	32	LF	18" CS PIPE CULVERTS, 0.064" THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (92+00.00 -L-)	264	LF	24" CS PIPE CULVERTS, 0.064" THICK
4,800	CY	UNDERCUT EXCAVATION	396	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (15", 0.5")
9,840	CY	DRAINAGE DITCH EXCAVATION	204	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (30", 0.5")
3,530	LF	BERM DITCH CONSTRUCTION	260	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B IN SOIL (72", 1.0")
115,380	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	14,390	LF	PIPE REMOVAL
101,650	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	Lump Sum	LS	FINE GRADING
3,200	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	124,820	SY	LIME TREATED SOIL (SLURRY METHOD)
60	HR	PROOF ROLLING	1,250	TON	LIME FOR LIME TREATED SOIL
4,800	CY	SELECT GRANULAR MATERIAL	56,000	CY	SHALLOW UNDERCUT
196,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	112,000	TON	CLASS IV SUBGRADE STABILIZATION
49,055	SF	TEMPORARY SHORING	2,500	TON	STABILIZER AGGREGATE
2,300	SY	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION	40,600	TON	AGGREGATE BASE COURSE
3,960	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	83,220	SY	SOIL CEMENT BASE
10,920	SY	FOUNDATION CONDITIONING GEOTEXTILE	2,289	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
760	LF	*** SIDE DRAIN PIPE (30")	30,950	GAL	ASPHALT CURING SEAL
896	LF	*** SIDE DRAIN PIPE (36")	2,000	TON	INCIDENTAL STONE BASE
684	LF	*** SIDE DRAIN PIPE (42")	31,000	CY	SHOULDER BORROW
104	LF	*** SIDE DRAIN PIPE (48")	3,670	GAL	PRIME COAT
7,632	LF	15" SIDE DRAIN PIPE	2,610	SY	MILLING ASPHALT PAVEMENT, ***** DEPTH (3")
1,540	LF	18" SIDE DRAIN PIPE	6,860	SY	INCIDENTAL MILLING
1,580	LF	24" SIDE DRAIN PIPE	31,430	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
43	EA	*** SIDE DRAIN PIPE ELBOWS (15")	60,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
5	EA	*** SIDE DRAIN PIPE ELBOWS (18")	7,590	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
6	EA	*** SIDE DRAIN PIPE ELBOWS (24")	25,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
2	EA	*** SIDE DRAIN PIPE ELBOWS (30")	8,750	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D
3,348	LF	15" RC PIPE CULVERTS, CLASS III	16,920	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,416	LF	18" RC PIPE CULVERTS, CLASS III	20,890	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C

			Lump Sum	LS	GENERIC DRAINAGE ITEM WET DETENTION BASIN STA -L- 95+50 RT	
10,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	3,990	LF	***X*** CONCRETE CURB (8" X 18")	
7,650	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	370	LF	1'-6" CONCRETE CURB & GUTTER	
8,755	TON	ASPHALT BINDER FOR PLANT MIX	12,740	LF	2'-6" CONCRETE CURB & GUTTER	
600	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX	6,550	LF	SHOULDER BERM GUTTER	
600	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,190	LF	CONCRETE EXPRESSWAY GUTTER	
60,300	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	2,570	SY	4" CONCRETE SIDEWALK	
44,692	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (14")	42	EA	CONCRETE CURB RAMP	
4,820	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (11-1/2")	1,805	SY	6" CONCRETE DRIVEWAY	
40,273	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (13")	190	SY	4" CONCRETE PAVED DITCH	
129	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (13")	4,330	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
Lump Sum	LS	SURFACE TESTING CONCRETE PAVE- MENT	600	LF	CONCRETE BARRIER, TYPE ***** (DDI)	
1,830	SY	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (11-1/2")	355	LF	CONCRETE BARRIER, TYPE ***** (I)	
18,920	SY	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (13")	6,825	LF	CONCRETE BARRIER, TYPE ***** (III)	
13,100	SY	CONCRETE SHOULDERS ADJACENT TO ***** PAVEMENT (14")	2	EA	CONCRETE BARRIER TRANSITION SECTION	
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	705	LF	VARIABLE HEIGHT CONCRETE BAR- RIER, TYPE ***** (T2)	
672	CY	SUBDRAIN EXCAVATION	5,080	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	
336	CY	SUBDRAIN FINE AGGREGATE	3	EA	ADJUSTMENT OF CATCH BASINS	
2,000	LF	6" PERFORATED SUBDRAIN PIPE	5	EA	ADJUSTMENT OF DROP INLETS	
4	EA	SUBDRAIN PIPE OUTLET	6	EA	ADJUSTMENT OF MANHOLES	
24	LF	6" OUTLET PIPE	2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	
14,750	LF	SHOULDER DRAIN	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	
14,750	LF	4" SHOULDER DRAIN PIPE	5	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET	
530	LF	4" OUTLET PIPE FOR SHOULDER DRAINS	3	EA	GENERIC DRAINAGE ITEM CONVERT DROP INLET TO TEMP JUNCTION BOX	
4	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	10	EA	GENERIC DRAINAGE ITEM CONVERT DROP INLET TO TWO GRATE INLET	
35	TON	BLOTTING SAND	6	EA	IMPACT ATTENUATOR UNIT, TYPE 350	
9.4	CY	ENDWALLS	28,800	LF	STEEL BM GUARDRAIL	
11.3	CY	REINFORCED ENDWALLS	75	LF	STEEL BM GUARDRAIL, SHOP CURVED	
22	CY	PIPE COLLARS	9	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	
3	CY	PIPE PLUGS	20	EA	ADDITIONAL GUARDRAIL POSTS	
250	CY	FLOWABLE FILL	2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (NJ-25)	
447	EA	MASONRY DRAINAGE STRUCTURES	17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
32.3	CY	MASONRY DRAINAGE STRUCTURES	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
1,280	LF	MASONRY DRAINAGE STRUCTURES	40	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
5	EA	FRAME WITH TWO GRATES, STD 840.16	9	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	
98	EA	FRAME WITH TWO GRATES, STD 840.20	36	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	
142	EA	FRAME WITH TWO GRATES, STD 840.22	19,815	LF	REMOVE EXISTING GUARDRAIL	
7	EA	FRAME WITH TWO GRATES, STD 840.24	12,060	LF	REMOVE EXISTING GUIDERAIL	
6	EA	FRAME WITH TWO GRATES, STD 840.29	8,187.5	LF	TEMPORARY STEEL BM GUARDRAIL	
23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	6	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	
43	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	5	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)	
31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (M-350)	
38	EA	FRAME WITH COVER, STD 840.54	3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	
76	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	10,650	LF	DOUBLE FACED CABLE GUIDERAIL	
3	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	10	EA	ADDITIONAL GUIDERAIL POSTS	
Lump Sum	LS	GENERIC DRAINAGE ITEM DRY DETENTION BASIN STA -L- 123+00 RT	16	EA	CABLE GUIDERAIL ANCHOR UNITS	
Lump Sum	LS	GENERIC DRAINAGE ITEM DRY DETENTION BASIN STA -L- 144+00 RT	10	EA	GENERIC GUARDRAIL ITEM ADDITIONAL GUARDRAIL POSTS (TEMPORARY)	
Lump Sum	LS	GENERIC DRAINAGE ITEM DRY DETENTION BASIN STA -L- 73+00 LT	30,720	LF	CHAIN LINK FENCE, 48" FABRIC	
Lump Sum	LS	GENERIC DRAINAGE ITEM WET DETENTION BASIN STA -L- 91+00 RT	2,580	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	
			210	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	
			6	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (48")	
			500	LF	ADDITIONAL BARBED WIRE	
			7,460	LF	** STRAND BARBED WIRE FENCE WITH POSTS (5)	

				2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)
3	EA	SINGLE GATES, *** HIGH, *** WIDE, ** OPENING (48", 20', 20')		5	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
785	TON	RIP RAP, CLASS I		12	EA	DISPOSAL OF SUPPORT, STEEL BEAM
2,600	TON	RIP RAP, CLASS II		8	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
2,275	TON	RIP RAP, CLASS B		2	EA	STOCKPILE SIGN SYSTEM, STEEL BEAM
21,205	SY	GEOTEXTILE FOR DRAINAGE		31	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		109	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
54	CY	REINFORCED CONCRETE SIGN FOUNDATIONS		5	EA	STOCKPILE SIGN SYSTEM, WOOD
4	CY	PLAIN CONCRETE SIGN FOUNDATIONS		8	EA	DISPOSAL OF SIGN SYSTEM, WOOD
270	CY	OVERHEAD FOOTING		5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
29,952	LB	SUPPORTS, BREAKAWAY STEEL BEAM		2	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
8,820	LB	SUPPORTS, SIMPLE STEEL BEAM		1	EA	DISPOSAL OF LIGHTING SYSTEM
3,602	LF	SUPPORTS, 3-LB STEEL U-CHANNEL		1	EA	DISPOSAL OF WALKWAY
6	EA	SUPPORTS, 2-LB STEEL U-CHANNEL		3,122	SF	WORK ZONE SIGNS (STATIONARY)
320	LF	SUPPORTS, WOOD		1,552	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (10+00-YRPA-)		179	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (105+90-L- EB)		5	EA	FLASHING ARROW BOARD
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (115+72.5-L- EB)		11	EA	PORTABLE CHANGEABLE MESSAGE SIGN
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (129+50-L- EB)		1,050	EA	DRUMS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (153+75-L- WB)		120	EA	CONES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (162+57-Y- SB)		384	LF	BARRICADES (TYPE III)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (20+00-YRPBD-)		5,400	HR	FLAGGER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+28-Y4-RPA-)		18	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (22+50-Y4-RPC-)		44	EA	RESET TEMPORARY CRASH CUSHION
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (23+00-L- EB)		5	EA	TMA
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (235+58-L- WB)		27,000	LF	PORTABLE CONCRETE BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (24+05-Y4- NB)		500	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (29+75-Y4- SB)		46,000	LF	RESET PORTABLE CONCRETE BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (50+25-YRPBD-)		4,300	LF	WATER FILLED BARRIER
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (56+66-LCDWB-)		7,920	HR	LAW ENFORCEMENT
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (60+87-Y- NB)		500	EA	SKINNY DRUM
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (66+40-L- EB)		3,728	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (72+00-LCDWB-)		320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	EA	SIGN ERECTION, TYPE D		1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
130	EA	SIGN ERECTION, TYPE E		2,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	SIGN ERECTION, TYPE F		26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)		153	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)		7,369	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
37	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)		135	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
14	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)		2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
6	EA	SIGN ERECTION, MILEMARKERS		796,206	LF	PAINT PAVEMENT MARKING LINES (4")
16	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)		68,850	LF	PAINT PAVEMENT MARKING LINES (8")
				794	LF	PAINT PAVEMENT MARKING LINES (24")
				8	EA	PAINT PAVEMENT MARKING CHARACTER
				192	EA	PAINT PAVEMENT MARKING SYMBOL
				63,012	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
				125,948	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
				10,145	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
				137,797	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
				13,362	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
				98	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
				9	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
				177,900	LF	CURING COMPOUND REMOVAL, LINES
				60	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS

			4	EA	24" VALVE	
			1	EA	2" BLOW OFF	
			37	EA	RELOCATE WATER METER	
			2	EA	RECONNECT WATER METER	
			15	EA	RELOCATE FIRE HYDRANT	
			55.52	LF	4" SANITARY GRAVITY SEWER	
			42	LF	6" SANITARY GRAVITY SEWER	
			714.81	LF	8" SANITARY GRAVITY SEWER	
			477.07	LF	10" SANITARY GRAVITY SEWER	
			310.64	LF	30" SANITARY GRAVITY SEWER	
			3	EA	SANITARY SEWER CLEAN-OUT	
			8	EA	4' DIA UTILITY MANHOLE	
			1	EA	5' DIA UTILITY MANHOLE	
			2	EA	6' DIA UTILITY MANHOLE	
			17.11	LF	UTILITY MANHOLE WALL, 4' DIA	
			15.09	LF	UTILITY MANHOLE WALL, 5' DIA	
			23.66	LF	UTILITY MANHOLE WALL, 6' DIA	
			4,670	LF	ABANDON 8" UTILITY PIPE	
			70	LF	ABANDON 12" UTILITY PIPE	
			5,084	LF	ABANDON 24" UTILITY PIPE	
			784	LF	ABANDON 30" UTILITY PIPE	
			1	EA	REMOVE WATER METER	
			1	EA	REMOVE FIRE HYDRANT	
			5	EA	ABANDON UTILITY MANHOLE	
			8	EA	REMOVE UTILITY MANHOLE	
			210	LF	*** ENCASEMENT PIPE (42")	
			63	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL	
			62	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL	
			105	LF	TRENCHLESS INSTALLATION OF 30" IN SOIL	
			105	LF	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL	
			2	EA	GENERIC UTILITY ITEM CONCRETE PIPELINE SUPPORT	
			98,200	LF	TEMPORARY SILT FENCE	
			17,125	TON	STONE FOR EROSION CONTROL, CLASS A	
			15,535	TON	STONE FOR EROSION CONTROL, CLASS B	
			18,190	TON	SEDIMENT CONTROL STONE	
			238	ACR	TEMPORARY MULCHING	
			5,150	LB	SEED FOR TEMPORARY SEEDING	
			23.5	TON	FERTILIZER FOR TEMPORARY SEEDING	
			7,500	LF	TEMPORARY SLOPE DRAINS	
			8,100	LF	SAFETY FENCE	
			90,000	CY	SILT EXCAVATION	
			121,000	SY	MATTING FOR EROSION CONTROL	
			2,090	SY	COIR FIBER MAT	
			8,000	SY	PERMANENT SOIL REINFORCEMENT MAT	
			34,200	LF	1/4" HARDWARE CLOTH	
			150	CY	STILLING BASINS	
			32	EA	SPECIAL STILLING BASINS	
			33,060	LF	WATTLE	
			27,510	LB	POLYACRYLAMIDE (PAM)	
			11,000	LF	COIR FIBER BAFFLE	
			46	EA	*** SKIMMER (1-1/2")	
			3	EA	*** SKIMMER (2")	
			2	EA	*** SKIMMER (2-1/2")	
			2	EA	*** SKIMMER (3")	
			1	EA	*** SKIMMER (4")	
			155	ACR	SEEDING & MULCHING	
			75	ACR	MOWING	
			2,400	LB	SEED FOR REPAIR SEEDING	
			7	TON	FERTILIZER FOR REPAIR SEEDING	
			3,400	LB	SEED FOR SUPPLEMENTAL SEEDING	
			102	TON	FERTILIZER TOPDRESSING	
			75	LF	IMPERVIOUS DIKE	
			200	MHR	SPECIALIZED HAND MOWING	
			200	EA	RESPONSE FOR EROSION CONTROL	
			225	CY	CULVERT DIVERSION CHANNEL	
			5	ACR	REFORESTATION	
			11.47	ACR	STREAMBANK REFORESTATION	
			22	EA	PEDESTRIAN SIGNAL HEAD (**", ** SECTION) (16", 1 SECTION WITH COUNT-DOWN)	
			13,595	LF	SIGNAL CABLE	
			8	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)	
			71	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
48	EA	PERMANENT RAISED PAVEMENT MARKERS				
1,518	EA	SNOWPLOWABLE PAVEMENT MARKERS				
3	EA	7' U-CHANNEL POSTS				
200	EA	FLEXIBLE DELINEATORS (CRYSTAL)				
100	EA	FLEXIBLE DELINEATORS (YELLOW)				
3	EA	OBJECT MARKERS (END OF ROAD)				
4	EA	*** HIGH MOUNT STANDARD (60')				
3	EA	80' HIGH MOUNT STANDARD				
1	EA	100' HIGH MOUNT STANDARD				
1	EA	PORTABLE DRIVE UNIT				
40	EA	HIGH MOUNT LUMINAIRES ***** (400W HPS)				
6	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)				
2	EA	LIGHT STANDARD, TYPE MTLT ***** (MTLT 45' (SA) 15')				
2	EA	STANDARD FOUNDATION ***** (R1)				
2	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW 250W HPS)				
1	EA	ELECTRIC SERVICE POLE **** ***** (30" CLASS 4)				
200	LF	ELECTRIC SERVICE LATERAL ***** (3,3 1/0 USE)				
1	EA	LIGHT CONTROL EQUIPMENT, TYPE ***** (RW 240/480V)				
585	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")				
80	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")				
265	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")				
545	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")				
60	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")				
180	LF	** #8 W/G FEEDER CIRCUIT (2)				
1,440	LF	** #6 W/G FEEDER CIRCUIT (2)				
820	LF	** #4 W/G FEEDER CIRCUIT (2)				
1,130	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")				
1,800	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")				
2,880	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")				
16	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)				
6	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)				
1	EA	ELECTRICAL JUNCTION BOXES ***** (PC36)				
12	EA	UNDERPASS LUMINAIRES ***** (100W HPS,PM)				
Lump Sum	LS	UNDERPASS CIRCUITRY AT ***** (US214-77, UPL-1)				
Lump Sum	LS	PORTABLE LIGHTING				
35	CY	GENERIC LIGHTING ITEM HIGH MOUNT FOUNDATIONS				
1	EA	GENERIC LIGHTING ITEM REMOVE CONTROL SYSTEM				
2	EA	GENERIC LIGHTING ITEM REMOVE HIGH MAST				
56	LF	2" WATER LINE				
1,080	LF	6" WATER LINE				
3,142	LF	8" WATER LINE				
80	LF	12" WATER LINE				
157	LF	20" WATER LINE				
4,465	LF	24" WATER LINE				
285	LF	30" WATER LINE				
1	EA	6" VALVE				
2	EA	8" VALVE				
4	EA	20" VALVE				

9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
5	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2,950	LF	MESSENGER CABLE (3/8")
625	LF	UNPAVED TRENCHING (*****) (1, 2")
663	LF	UNPAVED TRENCHING (*****) (2, 2")
35	LF	UNPAVED TRENCHING (*****) (3, 2")
30	LF	UNPAVED TRENCHING (*****) (4, 2")
160	LF	DIRECTIONAL DRILL (*****) (1, 2")
384	LF	DIRECTIONAL DRILL (*****) (2, 2")
235	LF	DIRECTIONAL DRILL (*****) (3, 2")
170	LF	DIRECTIONAL DRILL (*****) (4, 2")
20	EA	JUNCTION BOX (STANDARD SIZE)
10	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
15	EA	WOOD POLE
28	EA	GUY ASSEMBLY
5	EA	***" RISER WITH ***** (1-1/4", WEATHERHEAD)
4	EA	1" RISER WITH WEATHERHEAD
10	EA	2" RISER WITH WEATHERHEAD
11	EA	2" RISER WITH HEAT SHRINK TUBING
4,100	LF	INDUCTIVE LOOP SAWCUT
11,430	LF	LEAD-IN CABLE (*****) (14-2)
4	EA	SITE SURVEY
13	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
11	EA	RELOCATE CAMERA SENSOR UNIT
6	EA	900MHZ RADIO
8	EA	METAL STRAIN SIGNAL POLE
1	EA	METAL POLE WITH SINGLE MAST ARM
3	EA	METAL POLE WITH DUAL MAST ARM
12	EA	SOIL TEST
60	CY	DRILLED PIER FOUNDATION
4	EA	MAST ARM WITH METAL POLE DESIGN
34	EA	SIGN FOR SIGNALS
12	EA	TYPE II PEDESTAL WITH FOUNDATION
13	EA	RELOCATE EXISTING SIGN
3	EA	SIGNAL CABINET FOUNDATION
2	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET
5	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
47	EA	DETECTOR CARD (TYPE 2070L)
3	EA	CABINET BASE EXTENDER
2	EA	CABINET BASE ADAPTER
71	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE
1	EA	GENERIC SIGNAL ITEM CAMERA LOWERING DEVICE
10	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY
1	EA	GENERIC SIGNAL ITEM CENTRAL ETHERNET SWITCH
10	EA	GENERIC SIGNAL ITEM DIGITAL VIDEO DECODER
10	EA	GENERIC SIGNAL ITEM DIGITAL VIDEO ENCODER
4	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT
10	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
10	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTNING ARRESTORS
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEMS
8	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL

2	EA	GENERIC SIGNAL ITEM MODIFY ELECTRICAL SERVICE EQUIPMENT
3	EA	GENERIC SIGNAL ITEM MODIFY RADIO INSTALLATION
20	EA	GENERIC SIGNAL ITEM MVD ASSEMBLY
5	EA	GENERIC SIGNAL ITEM WOOD POLE (30')
10	EA	GENERIC SIGNAL ITEM WOOD POLE (60')
710	LF	GENERIC SIGNAL ITEM #4 SOLID BARE COPPER GROUNDING CONDUCTOR
638	LF	GENERIC SIGNAL ITEM 3-WIRE #12 AWG COPPER FEEDER CONDUCTORS
110	LF	GENERIC SIGNAL ITEM 3-WIRE #3 AWG COPPER SERVICE ENTRANCE CONDUCTORS

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (6+69.00-SR1-)
129	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
219.3	CY	CLASS A CONCRETE (CULVERT)
30,643	LB	REINFORCING STEEL (CULVERT)

WALL ITEMS

46,300	SF	MSE RETAINING WALLS
8,300	SF	SOIL NAIL RETAINING WALLS
7,000	SF	SOLDIER PILE RETAINING WALLS
3	EA	SOIL NAIL VERIFICATION TESTS
8	EA	SOIL NAIL PROOF TESTS
200	SF	SEGMENTAL GRAVITY RETAINING WALLS
2,952.5	LF	GENERIC RETAINING WALL ITEM CONC BARRIER RAIL WITH MOMENT SLAB
94,722	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL
		***** BEGIN SCHEDULE IA ***** ***** (2 ALTERNATES) *****
1,700	SF	SOIL NAIL RETAINING WALLS
1	EA	SOIL NAIL VERIFICATION TESTS
5	EA	SOIL NAIL PROOF TESTS
		*** OR ***
1,700	SF	SOLDIER PILE RETAINING WALLS
		*** END SCHEDULE IA ***
		***** BEGIN SCHEDULE IB ***** ***** (2 ALTERNATES) *****
3,400	SF	SOIL NAIL RETAINING WALLS
1	EA	SOIL NAIL VERIFICATION TESTS
5	EA	SOIL NAIL PROOF TESTS
		*** OR ***
3,400	SF	SOLDIER PILE RETAINING WALLS
		*** END SCHEDULE IB ***
		***** BEGIN SCHEDULE IC ***** ***** (2 ALTERNATES) *****
4,300	SF	SOIL NAIL RETAINING WALLS
2	EA	SOIL NAIL VERIFICATION TESTS
6	EA	SOIL NAIL PROOF TESTS
		*** OR ***
4,300	SF	SOLDIER PILE RETAINING WALLS
		*** END SCHEDULE IC ***
		***** BEGIN SCHEDULE ID ***** ***** (2 ALTERNATES) *****
1,600	SF	SOIL NAIL RETAINING WALLS
1	EA	SOIL NAIL VERIFICATION TESTS
4	EA	SOIL NAIL PROOF TESTS
		*** OR ***
1,600	SF	SOLDIER PILE RETAINING WALLS
		*** END SCHEDULE ID ***

STRUCTURE ITEMS

			Lump Sum	LS	EXPANSION JOINT SEALS
			Lump Sum	LS	GENERIC STRUCTURE ITEM DISC BEARINGS
			Lump Sum	LS	GENERIC STRUCTURE ITEM ELASTOMERIC BEARINGS WITH TFE
			1,049.78	LF	GENERIC STRUCTURE ITEM 2'-0" CONC MEDIAN BARRIER
			538.03	LF	GENERIC STRUCTURE ITEM 2'-6" CONC MEDIAN BARRIER
			Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+90.00-Y8-)
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (92+04.00-L-)
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+40.37-Y1-)
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (86+06.00-L-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 20+40.37-Y1-)
	116.75		LF		4'-0" DIA DRILLED PIERS IN SO IL
	86		LF		4'-0" DIA DRILLED PIERS NOT IN SOIL
	2		EA		PDA TESTING
	2		EA		SID INSPECTIONS
	2		EA		CSL TESTING
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (139+86.80-L-RT)
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+90.00-Y8-)
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (86+06.00-L-)
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (92+04.00-L-)
	155,685		SF		REINFORCED CONCRETE DECK SLAB
	178,059		SF		GROOVING BRIDGE FLOORS
	2,008.8		CY		CLASS A CONCRETE (BRIDGE)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (139+86.80-L-LT)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (139+86.80-L-RT)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+90.00-Y8-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (150+45.40-Y-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+62.00-YRPD-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+48.00-Y4RPD-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+31.50-Y4RPA-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+40.37-Y1-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (86+06.00-L-)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (92+04.00-L-)
	331,151		LB		REINFORCING STEEL (BRIDGE)
	10,904		LB		SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
	810.15		LF		54" PRESTRESSED CONCRETE GIR- DERS
	7,003.84		LF		MODIFIED 63" PRESTRESSED CONC GIRDERS
	3,902.1		LF		MODIFIED 72" PRESTRESSED CONC GIRDERS
	2,653.000		LS		APPROX LBS STRUCTURAL STEEL
	6,340		LF		HP12X53 STEEL PILES
	3,840		LF		HP12X53 GALVANIZED STEEL PILES
	4,020		LF		HP14X73 STEEL PILES
	7,620		LF		HP14X73 GALVANIZED STEEL PILES
	257		EA		STEEL PILE POINTS
	32		EA		PILE REDRIVES
	430.46		LF		THREE BAR METAL RAIL
	3,664.93		LF		CONCRETE BARRIER RAIL
	170.5		LF		CONCRETE MEDIAN BARRIER
	2,704		SY		4" SLOPE PROTECTION
	5,253		TON		RIP RAP CLASS II (2'-0" THICK)
	5,832		SY		GEOTEXTILE FOR DRAINAGE
			Lump Sum	LS	ELASTOMERIC BEARINGS
			Lump Sum	LS	FOAM JOINT SEALS

