




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

December 20, 2011

NOTICE TO: All Prequalified Contractors and Subcontractors

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

SUBJECT: Davis-Bacon Wage Determinations

On September 30, 2011, the U.S. Department of Labor (USDOL) published and put into effect new Davis-Bacon Wage Determinations. Please pay close attention to these wage determinations as significant changes have been made to the rates. The following projects advertised in the January 17, 2012 highway letting include the new Davis-Bacon Wage Determinations:

B-4090	Cumberland	C202724	BP-5300N	Haywood	C202899
B-4415	Beaufort	C202727	BP-5300R	Guilford	C202806
B-4456	Catawba	C202729	I-5307, I-5310	Wake	C202875
B-4463	Chowan	C202908	R-2309AB, R-2413C	Guilford (8-week Ad)	C200800
B-4473	Columbus	C202737	R-2554BB, R-2554C	Wayne (Design Build)	C202771
B-4503	Edgecombe	C202730	R-5102	Jackson	C202876
B-4514	Franklin	C202747	R-5103	Jackson	C202877
B-4551	Hyde	C202910	R-5517	Currituck	C202808
B-4556, B-4560	Johnston	C202739	U-624	Orange	C202156
B-4647	Tyrrell	C202750	U-3326A, U-3326B	Rockingham	C202652
B-4657	Wake	C202733	U-3812	Ashe	C202744
BK-5128	Carteret	C202873	U-4909	Forsyth	C202745
BK-5129	Brunswick	C202874	U-5168	Onslow	C202576

In the proposal, the wage rates provision appears before the Proposal Item Sheets.

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




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EUGENE A. CONTI, JR.
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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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1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

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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 Slope¹ (H:V)	Minimum Embedment Depth² (whichever is greater)	
6:1 or flatter (except abutment walls)	H/20	1 ft for H ≤ 10 ft 2 ft for H > 10 ft
6:1 or flatter (abutment walls)	H/10	2 ft
> 6:1 to < 3:1	H/10	2 ft
3:1 to 2:1	H/7	2 ft

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

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

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

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

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

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

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

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

C. Preconstruction Meeting

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

4.0 CORROSION MONITORING

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

5.0 SITE ASSISTANCE

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

6.0 CONSTRUCTION METHODS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7.0 MEASUREMENT AND PAYMENT

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

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

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

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

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

Payment will be made under:

Pay Item
MSE Retaining Walls

Pay Unit
Square Foot



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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EUGENE A. CONTI, JR.
SECRETARY

October 18, 2011

NOTICE TO: To all Prequalified Contractors

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

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

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

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September 20, 2011

NOTICE TO: All Prequalified Bidders

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

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

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

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

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

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

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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

September 20, 2011

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.

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

UPDATED September 20, 2011

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
B-4183	13	MADISON	BRIDGE 29 OVER MIDDLE FORK CREEK ON SR 1526 AND BRIDGE 28 OVER CROOKED CREEK ON SR 1526	DECEMBER 20, 2011
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	FEBRUARY 21, 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
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
1001 MAIL SERVICE CENTER
RALEIGH NC 27689-1001

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 JANUARY 17, 2011. 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 DECEMBER 20, 2011.
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	H. Allen Pope, 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	Tim Johnson, 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 L120117

RPN	Contract Id	WBS	County	Length	JobType
001	C202908	33713.3.1	CHOWAN	0.071 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002	C202746	33730.3.1	CURRITUCK	0.109 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
003	C202910	33764.3.1	HYDE	0.214 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
004	C202750	33813.3.1	TYRRELL	0.434 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005	C202808	45458.3.1	CURRITUCK	24.250 MI	MILLING, RESURFACING, SHOULDER RECONST, AND RUMBLE STRIPS.
006	C202897	1C.048061 ETC.	HYDE, TYRRELL	19.000 MI	RESURFACING.
007	C202911	1C.058054 ETC.	MARTIN	22.900 MI	WIDENING, AND RESURFACING.
008	C202913	1CR.10081.19 ETC	BERTIE, HERTFORD, NORTHAMPTON	50.400 MI	MILLING AND RESURFACING.
009	C202898	1C.021027 ETC.	CHOWAN, WASHINGTON	20.300 MI	RESURFACING.
010	C202727	33691.3.1	BEAUFORT	0.147 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
011	C202748	33751.3.1	GREENE, PITT	0.379 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
012	C202873	47064.3.1	CARTERET	0.000 MI	REMOVAL AND REPLACEMENT OF FENDER SYSTEM.
013	C202919	2CR.10741.10	PITT	1.340 MI	MILLING, AND RESURFACING.
*014	C202576	45241.3.1	ONSLow	0.000 MI	COMPUTERIZED SIGNAL SYSTEM.
015	C202874	47065.3.1	BRUNSWICK	0.000 MI	REMOVAL AND REPLACEMENT OF FENDER SYSTEM.
016	C202916	3CR.10101.114 ET	BRUNSWICK, NEW HANOVER	37.240 MI	MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.
017	C202859	3CR.10311.115 ET	DUPLIN, SAMPSON	11.890 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
018	C202927	3CR.10671.117 ET	ONSLow, PENDER	25.110 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
019	C202730	33734.3.1	EDGEComBE	0.180 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.
020	C202739	33768.3.1	JOHNSTON	0.613 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
021	C202749	33788.3.1	NASH	0.161 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
022	C202747	33739.3.1	FRANKLIN	0.170 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
023	C202733	33820.3.1	WAKE	0.257 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
024	C202751	33823.3.1	WAKE	0.143 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
025	C202875	47030.3.1 ETC.	WAKE, DURHAM	17.133 MI	MILLING, RESURFACING, SHOULDER RECONST, AND STR REHAB.
026	C202928	5CR.10321.22 ETC	DURHAM	13.570 MI	WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
027	C202918	5CR.20321.21	DURHAM	6.090 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
028	C202724	33448.2.2	CUMBERLAND	0.227 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
029	C202737	33721.3.1	COLUMBUS	0.209 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
030	C202156	34762.3.4	ORANGE	0.748 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

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

Bid Letting Number L120117

RPN	Contract Id	WBS	County	Length	JobType
*031	C202652	34924.3.1	ROCKINGHAM	6.052 MI	WIDENING, GRADING, DRAINAGE, PAVING, RET WALL, & STRUCTURES.
032	C202806	45438.3.15	GUILFORD	0.000 MI	DECK REHABILITATION.
033	C202920	30001.38 ETC.	MOORE, LEE	8.274 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
034	C202745	40278.3.1	FORSYTH	4.163 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
035	C202925	9CR.10291.9 ETC.	DAVIDSON	29.473 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
036	C202926	9CR.10341.9 ETC.	FORSYTH, STOKES	40.733 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
037	C202725	33632.3.1	UNION	0.157 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
038	C202744	34977.3.1	ASHE	1.492 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.
039	C202729	33708.3.1	CATAWBA	0.222 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
040	C202876	41892.3.1	JACKSON	3.500 MI	PAVEMENT REHABILITATION.
041	C202877	41893.3.1	JACKSON	5.000 MI	PAVEMENT REHABILITATION.
042	C202899	45438.3.13	HAYWOOD	0.270 MI	BRIDGE PRESERVATION.

Bid Letting Number L120221

RPN	Contract Id	WBS	County	Length	JobType
*001	C200800	34418.3.5 ETC.	GUILFORD, ROCKINGHAM	13.231 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & STRUCTURES.

*NOTE: PLANS FOR JANUARY'S RPN 14 & 31 AND FEBRUARY'S RPN 1 ARE PRICED AS FOLLOWS:
 SMALL PLANS \$60
 LARGE PLANS \$200

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 001

CONTRACT ID : C202908 33713.3.1

DIV OFFICE EDENTON

LENGTH = 0.071 MI

COUNTY : CHOWAN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEP 07 2012

BRIDGE OVER QUEEN ANNE CREEK AND APPROACHES ON NC-32.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+24.00)
Lump Sum	LS	GRADING
400	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
69	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
2,132	SY	FOUNDATION CONDITIONING FABRIC
16	LF	15" DRAINAGE PIPE
25	TON	INCIDENTAL STONE BASE
770	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")
120	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
120	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
30	TON	ASPHALT BINDER FOR PLANT MIX
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
14	LF	SHOULDER BERM GUTTER
625	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	RIP RAP, CLASS B
455	SY	FILTER FABRIC FOR DRAINAGE
386	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
20	EA	CONES
80	LF	BARRICADES (TYPE III)
640	HR	FLAGGER
747	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
747	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10	EA	PERMANENT RAISED PAVEMENT MARKERS
638	LF	6" WATER LINE
2	EA	6" VALVE
541	LF	ABANDON 6" UTILITY PIPE
423	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
47	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
180	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
30	TON	STONE FOR EROSION CONTROL, CLASS B
320	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS

4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,700	LF	SAFETY FENCE
40	CY	SILT EXCAVATION
1,550	SY	MATTING FOR EROSION CONTROL
1,600	LF	1/4" HARDWARE CLOTH
90	SY	FLOATING TURBIDITY CURTAIN
1.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+24.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+24.00-L-)
68.6	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+24.00-L-)
8,571	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,035	LF	HP14X73 STEEL PILES
18	EA	PILE REDRIVES
106.02	LF	TWO BAR METAL RAIL
121.43	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-7 1/2")
Lump Sum	LS	ELASTOMERIC BEARINGS
910.7	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
7,645	SF	GENERIC STRUCTURE ITEM (18" STEEL SHEET PILES)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 002

CONTRACT ID : C202746 33730.3.1

DIV OFFICE EDENTON

LENGTH = 0.109 MI

COUNTY : CURRITUCK

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2012

BRIDGE OVER TULLS CREEK AND APPROACHES ON SR-1232.

ROADWAY ITEMS

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

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

STRUCTURE ITEMS

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

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 003

CONTRACT ID : C202910 33764.3.1

DIV OFFICE EDENTON

LENGTH = 0.214 MI

COUNTY : HYDE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2013

BRIDGE #45 OVER A CANAL AND APPROACHES ON US-264.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+60.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
400	CY	UNDERCUT EXCAVATION
4	EA	EMBANKMENT SETTLEMENT GAUGES
20	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
699	SF	TEMPORARY SHORING
450	SY	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION
31	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
860	SY	FOUNDATION CONDITIONING FABRIC
32	LF	15" DRAINAGE PIPE
56	LF	18" DRAINAGE PIPE
24	LF	18" SIDE DRAIN PIPE
68	LF	15" RC PIPE CULVERTS, CLASS III
42	LF	PIPE REMOVAL
180	TON	AGGREGATE BASE COURSE
40	TON	INCIDENTAL STONE BASE
1,330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
830	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
80	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
115	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
50	LF	SHOULDER BERM GUTTER
75	LF	STEEL BM GUARDRAIL
125	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
512.5	LF	TEMPORARY STEEL BM GUARDRAIL
162.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III MODIFIED)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
5	TON	RIP RAP, CLASS B
714	SY	FILTER FABRIC FOR DRAINAGE
244	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
90	EA	DRUMS
80	LF	BARRICADES (TYPE III)
960	HR	FLAGGER
15	EA	SKINNY DRUM

4	EA	GENERIC TRAFFIC CONTROL ITEM WARNING FLAGS
270	DAY	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC SIGNAL SYSTEM
40	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,565	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,532	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
44	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
15,500	LF	PAINT PAVEMENT MARKING LINES (4")
90	LF	PAINT PAVEMENT MARKING LINES (24")
4,234	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
60	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
16	EA	PERMANENT RAISED PAVEMENT MARKERS
165	LF	4" WATER LINE
97	LF	6" WATER LINE
2	EA	6" VALVE
1	EA	FIRE HYDRANT
235	LF	ABANDON *** UTILITY PIPE (4")
18	LF	ABANDON 6" UTILITY PIPE
1	EA	REMOVE FIRE HYDRANT
2,100	LF	TEMPORARY SILT FENCE
350	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	STONE FOR EROSION CONTROL, CLASS B
70	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
600	LF	TEMPORARY SLOPE DRAINS
12	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
900	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
1,865	SY	MATTING FOR EROSION CONTROL
300	SY	COIR FIBER MAT
250	LF	1/4" HARDWARE CLOTH
500	SY	FLOATING TURBIDITY CURTAIN
450	LF	WATTLE
50	LB	POLYACRYLAMIDE (PAM)
175	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+60.00 -L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (22+60.00 -L-)
70.8	CY	CLASS AA CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+60.00 -L-)
10,760	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
560	LF	12" PRESTRESSED CONC PILES
800	LF	16" PRESTRESSED CONC PILES
16	EA	PILE REDRIVES
232.63	LF	ONE BAR METAL RAIL
247.63	LF	1'-**"X ***** CONCRETE PARA- PET (1'-2" X 2'-7 3/4")
225	TON	RIP RAP CLASS II (2'-0" THICK)
251	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,853.44	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 004

CONTRACT ID : C202750 33813.3.1

DIV OFFICE EDENTON

LENGTH = 0.434 MI

COUNTY : TYRRELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2013

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

ROADWAY ITEMS

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

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

STRUCTURE ITEMS

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

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 005

CONTRACT ID : C202808 45458.3.1

DIV OFFICE EDENTON

LENGTH = 24.250 MI

COUNTY : CURRITUCK

MILLING, RESURFACING, SHOULDER RECONST, AND RUMBLE STRIPS.

DBE GOAL 5.0% COMPLETION DATE : NOV 02 1012

US-158 FROM US-168 TO THE WRIGHT MEMORIAL BRIDGE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
210	CY	BORROW EXCAVATION
120	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
22	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
50	SY	FOUNDATION CONDITIONING FABRIC
60	LF	24" RC PIPE CULVERTS, CLASS III
88	LF	30" RC PIPE CULVERTS, CLASS III
155	TON	INCIDENTAL STONE BASE
39.5	SMI	SHOULDER RECONSTRUCTION
949,252	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
949,252	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3/4")
311	SY	INCIDENTAL MILLING
130	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
87,369	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
5,160	TON	ASPHALT BINDER FOR PLANT MIX
2,646	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX
43,372	TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED
63	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
256,108	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
7	EA	GENERIC DRAINAGE ITEM REPAIR MASONRY DRAINAGE STRUCTURE
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
683	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2,097,404	LF	PAINT PAVEMENT MARKING LINES (4")
1,483	LF	PAINT PAVEMENT MARKING LINES (24")
581,975	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
877	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)
11,250	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
5,472	EA	PERMANENT RAISED PAVEMENT MARKERS
4,032	LF	TEMPORARY SILT FENCE
661	SY	MATTING FOR EROSION CONTROL
1,653	LF	WATTLE
144	LB	POLYACRYLAMIDE (PAM)
28.7	ACR	SEEDING & MULCHING
300	LF	UNPAVED TRENCHING (*****) (1.2")
12	EA	JUNCTION BOX (STANDARD SIZE)
2,246	LF	INDUCTIVE LOOP SAWCUT
600	LF	LEAD-IN CABLE (*****) (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 006

CONTRACT ID : C202897 1C.048061

DIV OFFICE EDENTON

LENGTH = 19.000 MI

COUNTY : HYDE, TYRRELL

RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : SEP 07 2012

1 SECTION OF NC-45 AND 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
24,640	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
548	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
2,790	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
17,672	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,345	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
659,680	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 007

CONTRACT ID : C202911 1C.058054

DIV OFFICE EDENTON

LENGTH = 22.900 MI

COUNTY : MARTIN

WIDENING, AND RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 05 2012

NC-125 FROM NC-903 TO HAMILTON CITY LIMITS, AND 9 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,260	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,078	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
20,428	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,671	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
795,088	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 008

CONTRACT ID : C202913 1CR.10081.19 DIV OFFICE EDENTON

LENGTH = 50.400 MI

COUNTY : BERTIE, HERTFORD, NORTHAMPTON

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUL 31 2012

VARIOUS SECTIONS OF US-13, US-13 BUS, US-17 BUS, NC-46, NC-48, NC-305 & NC-308 AND 17 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
37,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
7,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
2,425	SY	INCIDENTAL MILLING
3,065	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
20,625	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
32,525	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
325	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
3,623	TON	ASPHALT BINDER FOR PLANT MIX
150	LF	2'-6" CONCRETE CURB & GUTTER
13	EA	RETROFIT EXISTING CURB RAMP
17	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
897,548	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
250	LF	PAINT PAVEMENT MARKING LINES (24")
16	EA	PAINT PAVEMENT MARKING CHARAC- TER
150	LF	INDUCTIVE LOOP SAWCUT
25	LF	LEAD-IN CABLE (***** (14-2)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 009

CONTRACT ID : C202898 1C.021027

DIV OFFICE EDENTON

LENGTH = 20.300 MI

COUNTY : CHOWAN, WASHINGTON

RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : SEP 28 2012

1 SECTION OF NC-32 AND 3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
35,200	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 6")
717	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
15,404	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,895	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,551	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
704,816	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	PAINT PAVEMENT MARKING LINES (6")
200	LF	PAINT PAVEMENT MARKING LINES (8")

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 010

CONTRACT ID : C202727 33691.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.147 MI

COUNTY : BEAUFORT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER PUNGO CREEK AND APPROACHES ON NC-32.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+22)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
300	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
3,220	SY	FABRIC FOR SOIL STABILIZATION
84	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
190	SY	FOUNDATION CONDITIONING FABRIC
40	LF	15" DRAINAGE PIPE
52	LF	18" DRAINAGE PIPE
160	LF	24" DRAINAGE PIPE
316	LF	36" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
189	LF	PIPE REMOVAL
400	TON	STABILIZER AGGREGATE
939	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
683.2	GAL	PRIME COAT
440	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
820	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
70	TON	ASPHALT BINDER FOR PLANT MIX
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
5	EA	MASONRY DRAINAGE STRUCTURES
2.02	LF	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
126	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
325	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (B-77)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
60	TON	RIP RAP, CLASS I
520	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
224	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
42	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
48	LF	BARRICADES (TYPE III)
42	MD	FLAGGER
151	EA	TEMPORARY RAISED PAVEMENT MARKERS
31,686	LF	PAINT PAVEMENT MARKING LINES (4")
8,250	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
870	LF	12" WATER LINE

2	EA	12" VALVE
866	LF	ABANDON 12" UTILITY PIPE
693	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
77	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
2,875	LF	TEMPORARY SILT FENCE
360	TON	STONE FOR EROSION CONTROL, CLASS A
275	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
365	LF	TEMPORARY SLOPE DRAINS
11	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
460	CY	SILT EXCAVATION
2,300	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
755	LF	1/4" HARDWARE CLOTH
200	SY	FLOATING TURBIDITY CURTAIN
150	LF	COIR FIBER WATTLE
40	LB	POLYACRYLAMIDE (PAM)
115	LF	COIR FIBER BAFFLE
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.75	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+22.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+22.00-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+22.00-L-)
3,836	SF	CONCRETE WEARING SURFACE
4,891	SF	GROOVING BRIDGE FLOORS
51.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+22.00-L-)
7,854	LB	REINFORCING STEEL (BRIDGE)
600	LF	HP12X53 STEEL PILES
960	LF	HP14X73 GALVANIZED STEEL PILES
12	EA	PILE REDRIVES
235.5	LF	CONCRETE BARRIER RAIL
455	TON	RIP RAP CLASS II (2'-0" THICK)
505	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,410.02	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 011

CONTRACT ID : C202748 33751.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.379 MI

COUNTY : GREENE, PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGES # 35 AND 36 OVER LITTLE CONTENTEA CREEK AND AP- PROACHES ON SR-1343.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+92.50)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+70.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
300	CY	UNDERCUT EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
400	SY	GEOTEXTILE FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
70	SY	FOUNDATION CONDITIONING GEOTEXTILE
68	LF	15" DRAINAGE PIPE
24	LF	15" SIDE DRAIN PIPE
92	LF	15" RC PIPE CULVERTS, CLASS III
50	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
1,260	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,030	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
125	TON	ASPHALT BINDER FOR PLANT MIX
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
5	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH GRATE, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
70	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
162.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
414	LF	REMOVE EXISTING GUARDRAIL
2.2	TON	RIP RAP, CLASS B
517	SY	GEOTEXTILE FOR DRAINAGE
411	SF	WORK ZONE SIGNS (STATIONARY)
48	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	CONES
64	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
4,200	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
265	TON	STONE FOR EROSION CONTROL, CLASS B
310	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
280	CY	SILT EXCAVATION
1,800	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT

285	SY	PERMANENT SOIL REINFORCEMENT MAT
1,125	LF	1/4" HARDWARE CLOTH
360	LF	WATTLE
115	LB	POLYACRYLAMIDE (PAM)
115	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
6	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (30+70.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+92.50-L-)
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+92.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (30+70.00-L-)
104.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+92.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+70.00-L-)
18,066	LB	REINFORCING STEEL (BRIDGE)
1,470	LF	HP12X53 STEEL PILES
2,800	LF	HP14X73 GALVANIZED STEEL PILES
16	EA	STEEL PILE POINTS
60	EA	PILE REDRIVES
571.5	LF	VERTICAL CONCRETE BARRIER RAIL
590	TON	RIP RAP CLASS II (2'-0" THICK)
650	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,465	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
840	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 012

CONTRACT ID : C202873 47064.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.000 MI

COUNTY : CARTERET

REMOVAL AND REPLACEMENT OF FENDER SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : SEP 30 2012

BRIDGE #6 ON NC-58 OVER ATLANTIC INTERCOASTAL WATERWAY BETWEEN NC-24 AND EMERALD ISLE.

STRUCTURE ITEMS

Lump Sum	LS	MOBILIZATION (STRUCTURES)
1,568	LF	PP ** X **** STEEL PILES (14 X 0.50)
5,656	LF	PP ** X **** STEEL PILES (16 X 0.50)
Lump Sum	LS	GENERIC STRUCTURE ITEM PLASTIC AND COMPOSITE LUMBER
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING FENDER SYSTEM

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 013

CONTRACT ID : C202919 2CR.10741.10

DIV OFFICE GREENVILLE

LENGTH = 1.340 MI

COUNTY : PITT

MILLING, AND RESURFACING.

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

NC-11 FROM END OF TAR RIVER BRIDGE TO US-13.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
62,891	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
7,411	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
445	TON	ASPHALT BINDER FOR PLANT MIX
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
14,418	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
8,844	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,458	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
260	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
290	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
115	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
23,262	LF	PAINT PAVEMENT MARKING LINES (4")
1,458	LF	PAINT PAVEMENT MARKING LINES (8")
360	LF	PAINT PAVEMENT MARKING LINES (16")
340	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARAC- TER
115	EA	PAINT PAVEMENT MARKING SYMBOL
550	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3,528	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 014

CONTRACT ID : C202576 45241.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.000 MI

COUNTY : ONSLOW

COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 5.0% COMPLETION DATE : JUL 01 2014

JACKSONVILLE.

ROADWAY ITEMS

			1	EA	FURNISH FIBER-OPTIC POWER ME- TER
			1	EA	FURNISH OPTICAL LIGHT GENERA- TOR
			35	EA	NEW ELECTRICAL SERVICE
			10	EA	CABLE TRANSFER
			1	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
			1	EA	SIGN FOR SIGNALS
			7	EA	SIGNAL CABINET FOUNDATION
			32	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
			5	EA	MODIFY FOUNDATION FOR CONTROL- LER CABINET
			140	EA	DETECTOR CARD (***** (MODEL 222)
			10	EA	CABINET BASE EXTENDER
			2	EA	CABINET BASE ADAPTER
			4	EA	GENERIC SIGNAL ITEM 2.4/5.8 GHZ WIRELESS ETHERNET RADIO SYSTEM
			8	EA	GENERIC SIGNAL ITEM 2.4/5.8 GHZ WIRELESS ETHERNET REPEATER STANDALONE RADIO SYSTEM
			10	EA	GENERIC SIGNAL ITEM AUXILIARY OUTPUT FILE
			1	EA	GENERIC SIGNAL ITEM BACKUP STORAGE SERVER
			41	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
			3	EA	GENERIC SIGNAL ITEM CCTV CONTROL PANEL
			1	EA	GENERIC SIGNAL ITEM CCTV VIDEO SERVER
			37	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (MT HGHT 30' - 35')
			4	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (MT HGHT 45' - 60')
			6	EA	GENERIC SIGNAL ITEM CELLULAR MODEM
			3	EA	GENERIC SIGNAL ITEM COMPUTER WORKSTATION
			8	EA	GENERIC SIGNAL ITEM CONFLICT MONITOR
			5	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (TYPE 2070L) (332 BASE MOUNTED WITH AUX FILE)
			7	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (TYPE 2070L) (332 BASE MOUNTED)
			6	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (TYPE 2070L) (336S POLE MOUNTED)
			5	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
			1	EA	GENERIC SIGNAL ITEM DMS SERVER
			16	EA	GENERIC SIGNAL ITEM EMERGENCY GENERATOR PROVISIONS
			2	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSMITTER & RECEIVER UNIT
			96	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
			41	EA	GENERIC SIGNAL ITEM FIELD VIDEO CODEC UNIT
			4	EA	GENERIC SIGNAL ITEM FRONT ACCESS ENCLOSURE DMS
			3	EA	GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
			2	EA	GENERIC SIGNAL ITEM FURNISH 332 CABINET
			1	EA	GENERIC SIGNAL ITEM FURNISH 336 CABINET
			3	EA	GENERIC SIGNAL ITEM FURNISH AC ISOLATOR CARD
			2	EA	GENERIC SIGNAL ITEM FURNISH CCTV ASSEMBLY
Lump Sum	LS	MOBILIZATION			
50	SY	4" CONCRETE SIDEWALK			
1,900	LF	STEEL BM GUARDRAIL			
50	LF	STEEL BM GUARDRAIL, SHOP CURVED			
10	EA	ADDITIONAL GUARDRAIL POSTS			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
468	SF	WORK ZONE SIGNS (PORTABLE)			
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
1	EA	FLASHING ARROW PANELS, TYPE C			
60	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)			
50	EA	DRUMS			
25	EA	CONES			
80	LF	BARRICADES (TYPE III)			
225	HR	FLAGGER			
400	HR	LAW ENFORCEMENT			
30	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)			
11,800	LF	SIGNAL CABLE			
25	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
20	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
1	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD			
136,100	LF	MESSENGER CABLE (1/4")			
46,600	LF	TRACER WIRE			
900	LF	PAVED TRENCHING (***** (1, 2")			
1,100	LF	PAVED TRENCHING (***** (2, 2")			
800	LF	UNPAVED TRENCHING (***** (1, 1")			
7,300	LF	UNPAVED TRENCHING (***** (1, 2")			
9,700	LF	UNPAVED TRENCHING (***** (2, 2")			
3,400	LF	DIRECTIONAL DRILL (***** (1, 2")			
28,600	LF	DIRECTIONAL DRILL (***** (2, 2")			
19	EA	JUNCTION BOX (***** (SPECIAL OVERSIZED HEAVY DUTY)			
76	EA	JUNCTION BOX (STANDARD SIZE)			
173	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)			
4	EA	WOOD POLE			
164	EA	GUY ASSEMBLY			
78	EA	2" RISER WITH WEATHERHEAD			
9	EA	HEAT SHRINK TUBING RETROFIT KIT			
144	EA	2" RISER WITH HEAT SHRINK TUBING			
6,300	LF	INDUCTIVE LOOP SAWCUT			
34,400	LF	LEAD-IN CABLE (***** (14-2)			
143,600	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
276,800	LF	COMMUNICATIONS CABLE (**FIBER) (24)			
17,800	LF	COMMUNICATIONS CABLE (**FIBER) (48)			
1,600	LF	COMMUNICATIONS CABLE (**FIBER) (72)			
127	EA	SPLICE ENCLOSURE			
76	EA	INTERCONNECT CENTER			
116	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT			

			1	EA	GENERIC SIGNAL ITEM REMOTE ACCESS SERVER
			1	EA	GENERIC SIGNAL ITEM SIGNAL SYSTEM COMMUNICATIONS SERVER
			1	EA	GENERIC SIGNAL ITEM SIGNAL SYSTEM PROCESSING SERVER
			3	EA	GENERIC SIGNAL ITEM SOLAR POWER ASSEMBLY
			5	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE BOX
			6	EA	GENERIC SIGNAL ITEM VIDEO MONITOR PROCESSOR UNIT
			1	EA	GENERIC SIGNAL ITEM VIDEO PROJECTION UNIT
			1	EA	GENERIC SIGNAL ITEM VPN FIREWALL
			5	EA	GENERIC SIGNAL ITEM WALK-IN ENCLOSURE DMS
			Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SYSTEM SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM COMPUTER HARDWARE INTEGRATION
			Lump Sum	LS	GENERIC SIGNAL ITEM LAN INTEGRATION
			Lump Sum	LS	GENERIC SIGNAL ITEM PUBLIC SAFETY COMPLEX FIBER OPTIC CABLE TERMINATION
			Lump Sum	LS	GENERIC SIGNAL ITEM PUBLIC SERVICES COMPLEX FIBER OPTIC CABLE TERMINATION
			Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
			33,700	LF	GENERIC SIGNAL ITEM DROP CABLE (6 FIBER)
			3,300	LF	GENERIC SIGNAL ITEM ETHERNET CABLE (OUTDOOR RATED)
			4,400	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (12 FIBER)
			8,400	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (24 FIBER)
			600	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (48 FIBER)
			100	LF	GENERIC SIGNAL ITEM FURNISH COMMUNICATIONS CABLE (72 FIBER)
			1,100	LF	GENERIC SIGNAL ITEM FURNISH DROP CABLE (6 FIBER)
			500	SF	GENERIC SIGNAL ITEM BRICK PAVERS
			90	CY	GENERIC SIGNAL ITEM FOOTINGS FOR DMS STRUCTURE
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV TEST CABINET			
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV TEST MONITOR			
3	EA	GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR			
1	EA	GENERIC SIGNAL ITEM FURNISH CONTROLLER TESTER			
3	EA	GENERIC SIGNAL ITEM FURNISH DC ISOLATOR CARD			
6	EA	GENERIC SIGNAL ITEM FURNISH DETECTOR CARD			
2	EA	GENERIC SIGNAL ITEM FURNISH DMS CONTROLLER			
5	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC INTER- CONNECT CENTER			
8	EA	GENERIC SIGNAL ITEM FURNISH FIELD ETHERNET SWITCH			
4	EA	GENERIC SIGNAL ITEM FURNISH FLASH TRANSFER RELAY			
2	EA	GENERIC SIGNAL ITEM FURNISH FLASHER MODULE			
5	EA	GENERIC SIGNAL ITEM FURNISH HEAT SHRINK TUBING			
5	EA	GENERIC SIGNAL ITEM FURNISH HEAT SHRINK TUBING RETROFIT KIT			
3	EA	GENERIC SIGNAL ITEM FURNISH LOAD SWITCH			
1	EA	GENERIC SIGNAL ITEM FURNISH OPTICAL PREEMPTION PHASE SELECTOR			
1	EA	GENERIC SIGNAL ITEM FURNISH OPTICAL PREEMPTION DETECTOR			
8	EA	GENERIC SIGNAL ITEM FURNISH SC JUMPERS			
8	EA	GENERIC SIGNAL ITEM FURNISH SC PIGTAILS			
8	EA	GENERIC SIGNAL ITEM FURNISH SC SPLICE CONNECTOR			
8	EA	GENERIC SIGNAL ITEM FURNISH SC-ST JUMPERS			
1	EA	GENERIC SIGNAL ITEM FURNISH SIGNAL MONITOR TESTER			
2	EA	GENERIC SIGNAL ITEM FURNISH SPLICE ENCLOSURE			
8	EA	GENERIC SIGNAL ITEM FURNISH ST JUMPERS			
8	EA	GENERIC SIGNAL ITEM FURNISH ST PIGTAILS			
8	EA	GENERIC SIGNAL ITEM FURNISH ST SPLICE CONNECTOR			
20	EA	GENERIC SIGNAL ITEM FURNISH SURGE PROTECTOR			
1	EA	GENERIC SIGNAL ITEM FURNISH TEST CABINET/ CONTROLLER			
2	EA	GENERIC SIGNAL ITEM FURNISH VIDEO CODEC UNIT			
2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO TRANS- CEIVER			
26	EA	GENERIC SIGNAL ITEM GENERATOR ANCHOR INTO EXISTING FOUNDATION			
5	EA	GENERIC SIGNAL ITEM LCD VIDEO MONITOR			
11	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE			
24	EA	GENERIC SIGNAL ITEM MODIFY EXISTING INTERCONNECT CENTER OR SPLICE ENCLOSURE			
1	EA	GENERIC SIGNAL ITEM NETWORK VIDEO RECORDER			
3	EA	GENERIC SIGNAL ITEM NOTEBOOK COMPUTER			
36	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION DETECTOR			
14	EA	GENERIC SIGNAL ITEM OPTICAL PREEMPTION PHASE SELECTOR			
4	EA	GENERIC SIGNAL ITEM PEDESTAL STRUCTURE FOR FRONT ACCESS DMS			
5	EA	GENERIC SIGNAL ITEM PEDESTAL STRUCTURE FOR WALK-IN DMS			
13	EA	GENERIC SIGNAL ITEM POWER FROM EXISTING ELECTRICAL SERVICE			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 015

CONTRACT ID : C202874 47065.3.1

DIV OFFICE CASTLE HAYNE

LENGTH = 0.000 MI

COUNTY : BRUNSWICK

REMOVAL AND REPLACEMENT OF FENDER SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : SEP 30 2012

BRIDGE #14 ON NC-133 OVER ATLANTIC INTERCOASTAL WATERWAY BETWEEN SOUTHPORT AND OAK ISLAND.

STRUCTURE ITEMS

Lump Sum	LS	MOBILIZATION (STRUCTURES)
1,624	LF	PP ** X **** STEEL PILES (14 X 0.50)
5,864	LF	PP ** X **** STEEL PILES (16 X 0.50)
Lump Sum	LS	GENERIC STRUCTURE ITEM PLASTIC AND COMPOSITE LUMBER
Lump Sum	LS	GENERIC STRUCTURE ITEM REMOVAL OF EXISTING FENDER SYSTEM

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 016

CONTRACT ID : C202916

3CR.10101.114

DIV OFFICE CASTLE HAYNE

LENGTH = 37.240 MI

COUNTY : BRUNSWICK, NEW HANOVER

MILLING, RESURFACING, MILLED RUMBLE STRIPS & SHLDR RECONST.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 16 2012

1 SECTION OF US-17, US-17 BUS, US-74/76 & NC-221 AND 10 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS			
				491	TON SEDIMENT CONTROL STONE
				19.5	ACR TEMPORARY MULCHING
				155	SY MATTING FOR EROSION CONTROL
				977	LF 1/4" HARDWARE CLOTH
				320	LF WATTLE
				28.69	ACR SEEDING & MULCHING
				977	LB SEED FOR REPAIR SEEDING
				4.87	TON FERTILIZER FOR REPAIR SEEDING
				3,900	LF INDUCTIVE LOOP SAWCUT
				850	LF LEAD-IN CABLE (***** (14-2)
Lump Sum	LS	MOBILIZATION			
4,108	CY	BORROW EXCAVATION			
1,170	TON	INCIDENTAL STONE BASE			
38.64	SMI	SHOULDER RECONSTRUCTION			
391,744	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
54,348	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
5,635	SY	INCIDENTAL MILLING			
7,043	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
8,667	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
36,189	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
29,873	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
6,429	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
5,094	TON	ASPHALT BINDER FOR PLANT MIX			
163,470	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)			
935	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)			
3,750	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)			
19	EA	GENERIC DRAINAGE ITEM CONCRETE APRON			
5	EA	RETROFIT EXISTING CURB RAMP			
10	EA	CONCRETE CURB RAMP			
5	EA	ADJUSTMENT OF MANHOLES			
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
2	EA	FLASHING ARROW BOARD			
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
2	EA	TMA			
192,611	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
98,063	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
7,007	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
392	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
820	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
6	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
26	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
1,260,229	LF	PAINT PAVEMENT MARKING LINES (4")			
8,106	LF	PAINT PAVEMENT MARKING LINES (8")			
400	LF	PAINT PAVEMENT MARKING LINES (16")			
720	LF	PAINT PAVEMENT MARKING LINES (24")			
48	EA	PAINT PAVEMENT MARKING CHARAC- TER			
268	EA	PAINT PAVEMENT MARKING SYMBOL			
1,841	EA	PERMANENT RAISED PAVEMENT MARKERS			
4,226	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
1,950	LF	TEMPORARY SILT FENCE			
491	TON	STONE FOR EROSION CONTROL, CLASS B			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 017

CONTRACT ID : C202859

3CR.10311.115

DIV OFFICE CASTLE HAYNE

LENGTH = 11.890 MI

COUNTY : DUPLIN, SAMPSON

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

1 SECTION OF US-117, US-13, NC-41, AND NC-50/403.

Lump Sum		ROADWAY ITEMS		Quantity	Unit	Description
	LS		MOBILIZATION	1,387	LF	PAINT PAVEMENT MARKING LINES (24")
4,808	CY		BORROW EXCAVATION	14	EA	PAINT PAVEMENT MARKING CHARACTER
200	SY		GENERIC GRADING ITEM REMOVE ASPHALT ISLAND	141	EA	PAINT PAVEMENT MARKING SYMBOL
550	TON		INCIDENTAL STONE BASE	1,851	EA	SNOWPLOWABLE PAVEMENT MARKERS
20.08	SMI		SHOULDER RECONSTRUCTION	1,223	LF	TEMPORARY SILT FENCE
72.208	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	307	TON	STONE FOR EROSION CONTROL, CLASS B
13,423	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (2")	307	TON	SEDIMENT CONTROL STONE
123,048	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	12.23	ACR	TEMPORARY MULCHING
4,535	SY		INCIDENTAL MILLING	110	SY	MATTING FOR EROSION CONTROL
7,758	TON		ASPHALT CONC BASE COURSE, TYPE B25.0B	619	LF	1/4" HARDWARE CLOTH
19,458	TON		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	210	LF	WATTLE
26,257	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5B	14.71	ACR	SEEDING & MULCHING
2,854	TON		ASPHALT BINDER FOR PLANT MIX	612	LB	SEED FOR REPAIR SEEDING
250	TON		GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)	3.07	TON	FERTILIZER FOR REPAIR SEEDING
785	TON		GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)	5	EA	JUNCTION BOX (STANDARD SIZE)
60	SY		4" CONCRETE SIDEWALK	2,020	LF	INDUCTIVE LOOP SAWCUT
13	EA		RETROFIT EXISTING CURB RAMP	3,425	LF	LEAD-IN CABLE (***** (14-2)
23	EA		CONCRETE CURB RAMP			
200	SY		5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
75	SY		GENERIC PAVING ITEM INCIDENTAL CONCRETE			
85	SY		GENERIC PAVING ITEM REMOVE & REPLACE SIDEWALK			
210	LF		GENERIC PAVING ITEM REMOVE AND REPLACE 2'-0" CURB & GUTTER			
900	LF		GENERIC PAVING ITEM REMOVE AND REPLACE 2'-6" CURB & GUTTER			
19	EA		GENERIC PAVING ITEM REMOVE AND REPLACE CURB RAMPS			
37	EA		ADJUSTMENT OF MANHOLES			
44	EA		ADJUSTMENT OF METER BOXES OR VALVE BOXES			
2	EA		GUARDRAIL ANCHOR UNITS, TYPE 350			
1	EA		FLASHING ARROW BOARD			
1	EA		PORTABLE CHANGEABLE MESSAGE SIGN			
1	EA		TMA			
106,710	LF		THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
181,026	LF		THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
1,400	LF		THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
50	LF		THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
150	LF		THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
1,411	LF		THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
14	EA		THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
141	EA		THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
294,228	LF		PAINT PAVEMENT MARKING LINES (4")			
900	LF		PAINT PAVEMENT MARKING LINES (8")			
150	LF		PAINT PAVEMENT MARKING LINES (16")			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 018

CONTRACT ID : C202927

3CR.10671.117

DIV OFFICE CASTLE HAYNE

LENGTH = 25.110 MI

COUNTY : ONSLOW, PENDER

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

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

NC-24 BUS FROM BEG OF DIVIDED HWY TO W OF US-17, NC-210 FROM ICW BRG TO PENDER CO, AND 7 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS				
				140	SY	MATTING FOR EROSION CONTROL
				845	LF	1/4" HARDWARE CLOTH
				280	LF	WATTLE
				40.73	ACR	SEEDING & MULCHING
				845	LB	SEED FOR REPAIR SEEDING
				4.22	TON	FERTILIZER FOR REPAIR SEEDING
				5	EA	JUNCTION BOX (STANDARD SIZE)
				4,950	LF	INDUCTIVE LOOP SAWCUT
				1,000	LF	LEAD-IN CABLE (***** (14-2)
Lump Sum	LS	MOBILIZATION				
13,481	CY	BORROW EXCAVATION				
1.225	TON	INCIDENTAL STONE BASE				
46.26	SMI	SHOULDER RECONSTRUCTION				
434	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")				
64,289	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")				
9,382	SY	INCIDENTAL MILLING				
900	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B				
16,297	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B				
40,675	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
3,264	TON	ASPHALT BINDER FOR PLANT MIX				
175	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)				
975	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL) S9.5B				
11	EA	CONCRETE CURB RAMP				
165	SY	GENERIC PAVING ITEM REMOVE & REPLACE SIDEWALK				
40	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE				
180	LF	GENERIC PAVING ITEM 2'-6" CURB & GUTTER, REMOVE & REPLACE				
10	EA	ADJUSTMENT OF MANHOLES				
52	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
1,720	LF	STEEL BM GUARDRAIL				
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83				
1,820	LF	REMOVE EXISTING GUARDRAIL				
193,827	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
222,570	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
2,303	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
588	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
119	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
6	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)				
114	EA	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
684,494	LF	PAINT PAVEMENT MARKING LINES (4")				
2,303	LF	PAINT PAVEMENT MARKING LINES (8")				
588	LF	PAINT PAVEMENT MARKING LINES (24")				
24	EA	PAINT PAVEMENT MARKING CHARAC- TER				
120	EA	PAINT PAVEMENT MARKING SYMBOL				
2,543	EA	PERMANENT RAISED PAVEMENT MARKERS				
620	EA	SNOWPLOWABLE PAVEMENT MARKERS				
Lump Sum	LS	PORTABLE LIGHTING				
1,686	LF	TEMPORARY SILT FENCE				
425	TON	STONE FOR EROSION CONTROL, CLASS B				
425	TON	SEDIMENT CONTROL STONE				
16.86	ACR	TEMPORARY MULCHING				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 019

CONTRACT ID : C202730 33734.3.1

DIV OFFICE WILSON

LENGTH = 0.180 MI

COUNTY : EDGEcombe

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER TAR RIVER AND APPROACHES ON SR-1250.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (21+11.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
300	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
4,125	CY	BORROW EXCAVATION
101	CY	DRAINAGE DITCH EXCAVATION
300	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
45	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
440	SY	FOUNDATION CONDITIONING FABRIC
140	LF	15" DRAINAGE PIPE
36	LF	72" RC PIPE CULVERTS, CLASS III
84	LF	15" CS PIPE CULVERTS, 0.064" THICK
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
23	LF	PIPE REMOVAL
200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
780	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
610	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
85	TON	ASPHALT BINDER FOR PLANT MIX
9	EA	RIGHT OF WAY MARKERS
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
14.2	CY	REINFORCED ENDWALLS
5	EA	MASONRY DRAINAGE STRUCTURES
18.4	CY	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
15	LF	2'-6" CONCRETE CURB & GUTTER
60	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
3	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	RIP RAP, CLASS B
1,055	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
51	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
492	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
89	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
44	EA	DRUMS
96	LF	BARRICADES (TYPE III)
240	HR	FLAGGER

1,861	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,156	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
26	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
32	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
140	LF	6" WATER LINE
2	EA	RELOCATE FIRE HYDRANT
1	EA	ABANDON UTILITY MANHOLE
1	EA	GENERIC UTILITY ITEM 6" CHECK VALVE ASSEMBLY
1,050	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
390	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
280	LF	TEMPORARY SLOPE DRAINS
7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
400	CY	SILT EXCAVATION
2,000	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
70	SY	PERMANENT SOIL REINFORCEMENT MAT
820	LF	1/4" HARDWARE CLOTH
130	SY	FLOATING TURBIDITY CURTAIN
8	EA	SPECIAL STILLING BASINS
20	LB	POLYACRYLAMIDE (PAM)
200	LF	COIR FIBER BAFFLE
4	EA	*** SKIMMER (1-1/2")
4	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
16	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
2	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
20	LF	UNPAVED TRENCHING (***** (1, 2"))
1	EA	JUNCTION BOX (STANDARD SIZE)
200	LF	INDUCTIVE LOOP SAWCUT
400	LF	LEAD-IN CABLE (***** (14-2))

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (21+11.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+11.00-L-)
201.34	LF	***,***" DIA DRILLED PIERS (4'-0")
77.34	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	SPT TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+11.00-L-)
114.7	CY	CLASS A CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+11.00-L-)
37,715	LB	REINFORCING STEEL (BRIDGE)
8,044	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
690	LF	HP12X53 STEEL PILES
520.5	LF	TWO BAR METAL RAIL
535.5	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-7 3/4")
400	TON	RIP RAP CLASS II (2'-0" THICK)
444	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,210	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
1	EA	GENERIC STRUCTURE ITEM CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 020

CONTRACT ID : C202739 33768.3.1

DIV OFFICE WILSON

LENGTH = 0.613 MI

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : DEC 31 2013

BRIDGES #74 & 102 OVER BLACK CREEK AND APPROACHES ON NC-50 AND SR-1331.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+44.00)	
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (17+87.50-L-)	
	2	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
	500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING	
	8,800	CY	BORROW EXCAVATION
	500	CY	SELECT GRANULAR MATERIAL
	795	SY	FABRIC FOR SOIL STABILIZATION
	72	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
	140	SY	FOUNDATION CONDITIONING FABRIC
	306	LF	15" DRAINAGE PIPE
	6	EA	*** DRAINAGE PIPE ELBOWS (15")
	96	LF	15" RC PIPE CULVERTS, CLASS III
	96	TON	AGGREGATE BASE COURSE
	50	TON	INCIDENTAL STONE BASE
	500	SY	INCIDENTAL MILLING
	1,290	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
	525	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	696	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	510	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
	162	TON	ASPHALT BINDER FOR PLANT MIX
	22	EA	RIGHT OF WAY MARKERS
	22.4	CY	SUBDRAIN EXCAVATION
	16.8	CY	SUBDRAIN FINE AGGREGATE
	100	LF	6" PERFORATED SUBDRAIN PIPE
	1	EA	SUBDRAIN PIPE OUTLETS
	6	LF	6" OUTLET PIPE (SUBDRAINS)
	11	EA	MASONRY DRAINAGE STRUCTURES
	6.3	LF	MASONRY DRAINAGE STRUCTURES
	11	EA	FRAME WITH TWO GRATES, STD 840.29
	1,427	LF	SHOULDER BERM GUTTER
	2,162.5	LF	STEEL BM GUARDRAIL
	10	EA	ADDITIONAL GUARDRAIL POSTS
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
	8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
	499.76	LF	REMOVE EXISTING GUARDRAIL
	10	TON	RIP RAP, CLASS B
	1,554	SY	FILTER FABRIC FOR DRAINAGE
	30	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	2	EA	SIGN ERECTION, TYPE D
	6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
	783	SF	WORK ZONE SIGNS (STATIONARY)
	238	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	192	LF	BARRICADES (TYPE III)
	2,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	2,180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	440	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
	8,400	LF	PAINT PAVEMENT MARKING LINES (4")
	246	LF	16" WATER LINE
	238	LF	ABANDON 16" UTILITY PIPE
	3,700	LF	TEMPORARY SILT FENCE

450	TON	STONE FOR EROSION CONTROL, CLASS A
410	TON	STONE FOR EROSION CONTROL, CLASS B
915	TON	SEDIMENT CONTROL STONE
6.5	ACR	TEMPORARY MULCHING
300	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEED- ING
720	LF	TEMPORARY SLOPE DRAINS
15	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,200	LF	SAFETY FENCE
750	CY	SILT EXCAVATION
4,900	SY	MATTING FOR EROSION CONTROL
40	SY	COIR FIBER MAT
3,100	LF	1/4" HARDWARE CLOTH
200	SY	FLOATING TURBIDITY CURTAIN
8	EA	SPECIAL STILLING BASINS
40	LB	POLYACRYLAMIDE (PAM)
230	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
7	ACR	SEEDING & MULCHING
5.5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
175	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
20	MHR	SPECIALIZED HAND MOWING
32	EA	RESPONSE FOR EROSION CONTROL
0.35	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+87.50-L-)	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+44.00-L-)	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+87.50-L-)	
	123	LF	**L**" DIA DRILLED PIERS (3'-6")
	79.6	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
	1	EA	SID INSPECTION
	1	EA	SPT TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+44.00-L-)	
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+87.50-L-)	
	3,878	SF	REINFORCED CONCRETE DECK SLAB
	4,435	SF	GROOVING BRIDGE FLOORS
	97.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+44.00-L-)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+87.50-L-)	
	24,420	LB	REINFORCING STEEL (BRIDGE)
	2,916	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
	107,700	LS	APPROX LBS STRUCTURAL STEEL
	530	LF	HP12X53 STEEL PILES
	6	EA	PILE REDRIVES
	216.67	LF	CONCRETE BARRIER RAIL
	345.5	LF	VERTICAL CONCRETE BARRIER RAIL
	745	TON	RIP RAP CLASS II (2'-0" THICK)

826	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,725	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
1	EA	GENERIC STRUCTURE ITEM CSL TESTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 021

CONTRACT ID : C202749 33788.3.1

DIV OFFICE WILSON

LENGTH = 0.161 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER STONEY CREEK AND APPROACHES ON SR-1670.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+85)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
2,600	CY	BORROW EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
1,110	SY	GEOTEXTILE FOR SOIL STABILIZATION
37	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
10	SY	FOUNDATION CONDITIONING GEOTEXTILE
24	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
50	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
520	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
70	TON	ASPHALT BINDER FOR PLANT MIX
10	EA	RIGHT OF WAY MARKERS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
330	LF	2'-6" CONCRETE CURB & GUTTER
25	LF	SHOULDER BERM GUTTER
180	SY	4" CONCRETE SIDEWALK
2	EA	CONCRETE CURB RAMP
200	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
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	RIP RAP, CLASS B
1,010	SY	GEOTEXTILE FOR DRAINAGE
95	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
465	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
6,176	LF	PAINT PAVEMENT MARKING LINES (4")
657	LF	6" WATER LINE
3	EA	6" VALVE
1	EA	RECONNECT WATER METER
588	LF	ABANDON 6" UTILITY PIPE
155	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
155	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
2,010	LF	TEMPORARY SILT FENCE
305	TON	STONE FOR EROSION CONTROL, CLASS A
75	TON	STONE FOR EROSION CONTROL, CLASS B
325	TON	SEDIMENT CONTROL STONE

2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
700	LF	SAFETY FENCE
170	CY	SILT EXCAVATION
2,400	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
800	LF	1/4" HARDWARE CLOTH
45	SY	FLOATING TURBIDITY CURTAIN
6	EA	SPECIAL STILLING BASINS
50	LF	WATTLE
10	LB	POLYACRYLAMIDE (PAM)
100	LF	COIR FIBER BAFFLE
3	EA	*** SKIMMER (1-1/2")
2.5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
16	EA	RESPONSE FOR EROSION CONTROL
0.15	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+85.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+85.00-L-)
41	LF	3'-6" DIA DRILLED PIERS IN SOIL
16	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
24	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 ***** (15+85.00-L-)
28.7	CY	CLASS AA CONCRETE (BRIDGE)
62.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+85.00-L-)
15,679	LB	REINFORCING STEEL (BRIDGE)
1,462	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
1,729	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
280	LF	HP12X53 STEEL PILES
140.25	LF	TWO BAR METAL RAIL
140.25	LF	THREE BAR METAL RAIL
147.75	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-7 1/2 ")
410	TON	RIP RAP CLASS II (2'-0" THICK)
460	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,066.75	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 022

CONTRACT ID : C202747 33739.3.1

DIV OFFICE DURHAM

LENGTH = 0.170 MI

COUNTY : FRANKLIN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2012

BRIDGE OVER TAR RIVER AND APPROACHES ON SR-1003 (SIMS BRIDGE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (26+67.50)
200	CY	UNDERCUT EXCAVATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
Lump Sum	LS	GRADING
4,600	CY	BORROW EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
30	SY	FOUNDATION CONDITIONING GEOTEXTILE
36	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
28	LF	15" RC PIPE CULVERTS, CLASS IV
100	TON	INCIDENTAL STONE BASE
390	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
250	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
520	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
60	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	RIGHT OF WAY MARKERS
44.8	CY	SUBDRAIN EXCAVATION
33.6	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
38	LF	SHOULDER BERM GUTTER
912.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,102	LF	REMOVE EXISTING GUARDRAIL
260	TON	RIP RAP, CLASS II
80	TON	RIP RAP, CLASS B
1,280	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
82	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
5	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
740	SF	WORK ZONE SIGNS (STATIONARY)
116	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
1,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
11	EA	PERMANENT RAISED PAVEMENT MARKERS
1,450	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
485	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING

320	LF	TEMPORARY SLOPE DRAINS
600	LF	SAFETY FENCE
260	CY	SILT EXCAVATION
6,000	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
1,300	LF	1/4" HARDWARE CLOTH
50	SY	FLOATING TURBIDITY CURTAIN
8	EA	SPECIAL STILLING BASINS
100	LF	WATTLE
25	LB	POLYACRYLAMIDE (PAM)
70	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
2	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
16	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (26+67.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+67.50-L-)
152	LF	***,***" DIA DRILLED PIERS (4'-6")
36	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (4'-6")
2	EA	SID INSPECTIONS
2	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (26+67.50-L-)
116.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+67.50-L-)
31,381	LB	REINFORCING STEEL (BRIDGE)
6,599	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
555	LF	HP12X53 STEEL PILES
564.81	LF	VERTICAL CONCRETE BARRIER RAIL
700	TON	RIP RAP CLASS II (2'-0" THICK)
785	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,106.47	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 023

CONTRACT ID : C202733 33820.3.1

DIV OFFICE DURHAM

LENGTH = 0.257 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER NORFOLK SOUTHERN RAILROAD AND APPROACHES ON SR-1101.

ROADWAY ITEMS				
		15	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
		328	SF	WORK ZONE SIGNS (STATIONARY)
		192	SF	WORK ZONE SIGNS (PORTABLE)
		52	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
		50	EA	DRUMS
		50	EA	CONES
		96	LF	BARRICADES (TYPE III)
		640	HR	FLAGGER
		50	EA	SKINNY DRUM
		22	EA	TEMPORARY RAISED PAVEMENT MARKERS
		2,428	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
		2,428	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		23	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
		564	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
		13,600	LF	PAINT PAVEMENT MARKING LINES (4")
		96	LF	PAINT PAVEMENT MARKING LINES (24")
		24	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
		18	EA	PERMANENT RAISED PAVEMENT MARKERS
		93	LF	2" WATER LINE
		130	LF	6" WATER LINE
		1	EA	2" BLOW OFF
		4,100	LF	TEMPORARY SILT FENCE
		270	TON	STONE FOR EROSION CONTROL, CLASS A
		440	TON	STONE FOR EROSION CONTROL, CLASS B
		340	TON	SEDIMENT CONTROL STONE
		2.5	ACR	TEMPORARY MULCHING
		100	LB	SEED FOR TEMPORARY SEEDING
		0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
		300	LF	TEMPORARY SLOPE DRAINS
		6	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
		200	LF	SAFETY FENCE
		700	CY	SILT EXCAVATION
		4,000	SY	MATTING FOR EROSION CONTROL
		800	LF	1/4" HARDWARE CLOTH
		300	LF	COIR FIBER BAFFLE
		3.6	ACR	SEEDING & MULCHING
		2.5	ACR	MOWING
		50	LB	SEED FOR REPAIR SEEDING
		0.25	TON	FERTILIZER FOR REPAIR SEEDING
		75	LB	SEED FOR SUPPLEMENTAL SEEDING
		2.25	TON	FERTILIZER TOPDRESSING
		15	MHR	SPECIALIZED HAND MOWING
		18	EA	RESPONSE FOR EROSION CONTROL
		550	LF	SIGNAL CABLE
		8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
		270	LF	MESSENGER CABLE (3/8")
		50	LF	PAVED TRENCHING (***** (1, 2"))
		1,210	LF	UNPAVED TRENCHING (***** (1, 2"))
		9	EA	JUNCTION BOX (STANDARD SIZE)
		2	EA	WOOD POLE
		8	EA	GUY ASSEMBLY
		1	EA	1" RISER WITH WEATHERHEAD
		5	EA	2" RISER WITH WEATHERHEAD
		480	LF	INDUCTIVE LOOP SAWCUT
		1,790	LF	LEAD-IN CABLE (***** (14-2))
		1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
		4	EA	DETECTOR CARD (TYPE 2070L)
Lump Sum	LS			MOBILIZATION
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+68.30)
1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
200	CY			UNDERCUT EXCAVATION
Lump Sum	LS			GRADING
19,400	CY			BORROW EXCAVATION
20	CY			DRAINAGE DITCH EXCAVATION
200	CY			SELECT GRANULAR MATERIAL
200	SY			FABRIC FOR SOIL STABILIZATION
90	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
260	SY			FOUNDATION CONDITIONING FABRIC
164	LF			15" DRAINAGE PIPE
80	LF			24" DRAINAGE PIPE
404	LF			15" RC PIPE CULVERTS, CLASS III
56	LF			24" RC PIPE CULVERTS, CLASS III
60	LF			15" CS PIPE CULVERTS, 0.064" THICK
4	EA			*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
244	LF			PIPE REMOVAL
809	TON			AGGREGATE BASE COURSE
200	TON			INCIDENTAL STONE BASE
578	GAL			PRIME COAT
290	SY			INCIDENTAL MILLING
1,020	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
860	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,080	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
155	TON			ASPHALT BINDER FOR PLANT MIX
7	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
5	EA			RIGHT OF WAY MARKERS
10	EA			MASONRY DRAINAGE STRUCTURES
3.86	LF			MASONRY DRAINAGE STRUCTURES
1	EA			FRAME WITH TWO GRATES, STD 840.16
1	EA			FRAME WITH TWO GRATES, STD 840.24
7	EA			FRAME WITH TWO GRATES, STD 840.29
1	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
80	LF			***X *** CONCRETE CURB (9" X 12")
170	LF			2'-6" CONCRETE CURB & GUTTER
614	LF			SHOULDER BERM GUTTER
10	SY			6" CONCRETE DRIVEWAY
140	SY			4" CONCRETE ISLAND COVERS
220	LF			STEEL BM GUARDRAIL
25	LF			STEEL BM GUARDRAIL, SHOP CURVED
5	EA			ADDITIONAL GUARDRAIL POSTS
1	EA			GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA			GUARDRAIL ANCHOR UNITS, TYPE III
3	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
380	LF			GENERIC GUARDRAIL ITEM STEEL BEAM GUARDRAIL WITH 8' POST
10	TON			RIP RAP, CLASS B
485	SY			FILTER FABRIC FOR DRAINAGE
64	LF			SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA			SIGN ERECTION, TYPE E
2	EA			SIGN ERECTION, TYPE F

1 EA TRAFFIC SIGNAL REMOVAL

WALL ITEMS

3,710 SF MSE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+64.30-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+64.30-L-)
5,370	SF	REINFORCED CONCRETE DECK SLAB
5,354	SF	GROOVING BRIDGE FLOORS
76.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+64.30-L-)
11,824	LB	REINFORCING STEEL (BRIDGE)
687.08	LF	45" PRESTRESSED CONCRETE GIR- DERS
675	LF	HP12X53 STEEL PILES
920	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
14	EA	PILE REDRIVES
263.67	LF	TWO BAR METAL RAIL
139.33	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-10")
139.33	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 3'-6 3/4")
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,500	DOL	CONTRACT TIME

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 024

CONTRACT ID : C202751 33823.3.1

DIV OFFICE DURHAM

LENGTH = 0.143 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER POWELL CREEK AND APPROACHES ON SR-2227.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (24+50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
40	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
300	SY	GEOTEXTILE FOR SOIL STABILIZATION
340	TON	ROCK EMBANKMENTS
330	SY	ROCK PLATING
150	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENT
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
90	SY	FOUNDATION CONDITIONING GEOTEXTILE
96	LF	15" SIDE DRAIN PIPE
156	LF	15" RC PIPE CULVERTS, CLASS IV
80	TON	#57 STONE
100	TON	INCIDENTAL STONE BASE
490	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
345	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
465	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
66	TON	ASPHALT BINDER FOR PLANT MIX
5	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
16	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF MANHOLES
225	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
157	TON	RIP RAP, CLASS B
972	SY	GEOTEXTILE FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
77	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
16	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
408	SF	WORK ZONE SIGNS (STATIONARY)
104	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
27	EA	DRUMS
80	LF	BARRICADES (TYPE III)
754	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,508	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
9	EA	PERMANENT RAISED PAVEMENT MARKERS
725	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
100	TON	STONE FOR EROSION CONTROL, CLASS B
275	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
700	LF	SAFETY FENCE

170	CY	SILT EXCAVATION
3,000	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
1,300	LF	1/4" HARDWARE CLOTH
655	SY	FLOATING TURBIDITY CURTAIN
150	LF	WATTLE
50	LB	POLYACRYLAMIDE (PAM)
75	LF	COIR FIBER BAFFLE
2	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+50.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+50.00-L-)
50.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+50.00-L-)
8,582	LB	REINFORCING STEEL (BRIDGE)
280	LF	HP12X53 STEEL PILES
440	LF	HP14X73 GALVANIZED STEEL PILES
16	EA	STEEL PILE POINTS
245.5	LF	TWO BAR METAL RAIL
260.5	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-10")
245	TON	RIP RAP CLASS II (2'-0" THICK)
280	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,430	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 026

CONTRACT ID : C202928

5CR.10321.22

DIV OFFICE DURHAM

LENGTH = 13.570 MI

COUNTY : DURHAM

WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : NOV 09 2012

NC-54 FROM NC-55 TO WEST OF DAVIS DR AND 10 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,311	CY	BORROW EXCAVATION
1,162	TON	INCIDENTAL STONE BASE
23.23	SMI	SHOULDER RECONSTRUCTION
57,067	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
141,072	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
2,432	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
4,223	SY	INCIDENTAL MILLING
1,462	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
23,394	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
20,353	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,409	TON	ASPHALT BINDER FOR PLANT MIX
1,485	TON	PATCHING EXISTING PAVEMENT
38	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
110,829	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
161,047	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,010	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
990	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
134	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
237,631	LF	PAINT PAVEMENT MARKING LINES (4")
810	LF	PAINT PAVEMENT MARKING LINES (8")
350	LF	PAINT PAVEMENT MARKING LINES (16")
820	LF	PAINT PAVEMENT MARKING LINES (24")
18	EA	PAINT PAVEMENT MARKING CHARAC- TER
112	EA	PAINT PAVEMENT MARKING SYMBOL
1,632	EA	PERMANENT RAISED PAVEMENT MARKERS
1,839	LF	TEMPORARY SILT FENCE
4,630	LF	WATTLE
18.39	ACR	SEEDING & MULCHING
2,574	LF	INDUCTIVE LOOP SAWCUT
500	LF	LEAD-IN CABLE (***** (18-4)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 027

CONTRACT ID : C202918 5CR.20321.21

DIV OFFICE DURHAM

LENGTH = 6.090 MI

COUNTY : DURHAM

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : JUN 29 2012

5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,201	CY	BORROW EXCAVATION
597	TON	INCIDENTAL STONE BASE
12.01	SMI	SHOULDER RECONSTRUCTION
62,452	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,112	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,348	SY	INCIDENTAL MILLING
9,390	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
7,139	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
879	TON	ASPHALT BINDER FOR PLANT MIX
945	TON	PATCHING EXISTING PAVEMENT
7	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
62,064	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
63,046	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
106	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,560	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
101,676	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (8")
35	LF	PAINT PAVEMENT MARKING LINES (24")
11	EA	PAINT PAVEMENT MARKING SYMBOL
2,560	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
469	EA	PERMANENT RAISED PAVEMENT MARKERS
867	LF	TEMPORARY SILT FENCE
2,180	LF	WATTLE
8.67	ACR	SEEDING & MULCHING
302	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 028

CONTRACT ID : C202724 33448.2.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.227 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2013

BRIDGE OVER CROSS CREEK & APPROACHES ON NC-24 IN FAYETTEVILLE.

		ROADWAY ITEMS			
				4	EA TMIA
				940	LF PORTABLE CONCRETE BARRIER
				700	LF PORTABLE CONCRETE BARRIER (ANCHORED)
Lump Sum	LS	MOBILIZATION		180	LF PORTABLE CONCRETE BARRIER (DRAINAGE)
Lump Sum	LS	CONSTRUCTION SURVEYING		760	LF RESET PORTABLE CONCRETE BARRIER
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)		180	LF RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING		180	HR LAW ENFORCEMENT
	14,200	CY UNCLASSIFIED EXCAVATION		64	EA SKINNY DRUM
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+55.00)		341	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	300	CY UNDERCUT EXCAVATION		3,152	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	20,400	CY BORROW EXCAVATION		95	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
	15	CY DRAINAGE DITCH EXCAVATION		8	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
	4,100	SY REMOVAL OF EXISTING ASPHALT PAVEMENT		690	LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
	300	CY SELECT GRANULAR MATERIAL		1,323	LF COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
	2,050	SY FABRIC FOR SOIL STABILIZATION		29,984	LF PAINT PAVEMENT MARKING LINES (4")
	730	SF TEMPORARY SHORING		432	LF PAINT PAVEMENT MARKING LINES (8")
	20	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS		340	LF PAINT PAVEMENT MARKING LINES (24")
	40	SY FOUNDATION CONDITIONING FABRIC		24	EA PAINT PAVEMENT MARKING CHARACTER
	96	LF 24" CS PIPE CULVERTS, 0.064" THICK		104	EA PAINT PAVEMENT MARKING SYMBOL
	64	LF PIPE REMOVAL		11,762	LF REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	FINE GRADING		633	LF REMOVAL OF PAVEMENT MARKING LINES (8")
	1,762	TON AGGREGATE BASE COURSE		25	EA REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
	380	SY INCIDENTAL MILLING		472	EA PERMANENT RAISED PAVEMENT MARKERS
	260	TON ASPHALT CONC BASE COURSE, TYPE B25.0C		Lump Sum	LS PORTABLE LIGHTING
	250	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C		3,370	LF TEMPORARY SILT FENCE
	500	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B		225	TON STONE FOR EROSION CONTROL, CLASS A
	245	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C		380	TON STONE FOR EROSION CONTROL, CLASS B
	70	TON ASPHALT BINDER FOR PLANT MIX		465	TON SEDIMENT CONTROL STONE
	1	CY PIPE COLLARS		5	ACR TEMPORARY MULCHING
	600	LF 2'-6" CONCRETE CURB & GUTTER		200	LB SEED FOR TEMPORARY SEEDING
	300	SY 4" CONCRETE SIDEWALK		1,75	TON FERTILIZER FOR TEMPORARY SEEDING
	110	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)		800	LF TEMPORARY SLOPE DRAINS
	1	EA GENERIC PAVING ITEM CONCRETE CURB RAMPS		10	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	1	EA ADJUSTMENT OF CATCH BASINS		900	LF SAFETY FENCE
	225	LF STEEL BM GUARDRAIL		440	CY SILT EXCAVATION
	5	EA ADDITIONAL GUARDRAIL POSTS		6,500	SY MATTING FOR EROSION CONTROL
	4	EA GUARDRAIL ANCHOR UNITS, TYPE III		1,050	SY COIR FIBER MAT
	4	EA GUARDRAIL ANCHOR UNITS, TYPE 350		1,400	SY PERMANENT SOIL REINFORCEMENT MAT
	300	LF CHAIN LINK FENCE, *** FABRIC (120")		300	LF 1/4" HARDWARE CLOTH
	25	EA METAL LINE POSTS FOR *** CHAIN LINK FENCE (120")		2	EA SPECIAL STILLING BASINS
	5	EA METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (120")		100	LF WATTLE
	43	TON RIP RAP, CLASS I		25	LB POLYACRYLAMIDE (PAM)
	1,149	SY FILTER FABRIC FOR DRAINAGE		240	LF COIR FIBER BAFFLE
	97	LF SUPPORTS, 3-LB STEEL U-CHANNEL		1	EA *** SKIMMER (1-1/2")
	12	EA SIGN ERECTION, TYPE E		6	ACR SEEDING & MULCHING
	13	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL		0.5	ACR MOWING
	853	SF WORK ZONE SIGNS (STATIONARY)		50	LB SEED FOR REPAIR SEEDING
	514	SF WORK ZONE SIGNS (PORTABLE)		0.25	TON FERTILIZER FOR REPAIR SEEDING
	44	SF WORK ZONE SIGNS (BARRICADE MOUNTED)		150	LB SEED FOR SUPPLEMENTAL SEEDING
	4	EA FLASHING ARROW PANELS, TYPE C		4.5	TON FERTILIZER TOPDRESSING
	4	EA CHANGEABLE MESSAGE SIGN		100	MHR SPECIALIZED HAND MOWING
	105	EA DRUMS		30	EA RESPONSE FOR EROSION CONTROL
	64	EA CONES			
	80	LF BARRICADES (TYPE III)			
	56	HR FLAGGER			
	4	EA TEMPORARY CRASH CUSHIONS			
	4	EA RESET TEMPORARY CRASH CUSHIONS			

0.4 ACR REFORESTATION

WALL ITEMS

1,595 SF SOLDIER PILE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (18+55.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+55.00-L-)
	2 EA	PDA TESTING
	2 EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+55.00-L-)
20,181	SF	REINFORCED CONCRETE DECK SLAB
16,345	SF	GROOVING BRIDGE FLOORS
191.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+55.00-L-)
27,590	LB	REINFORCING STEEL (BRIDGE)
2,047.5	LF	45" PRESTRESSED CONCRETE GIR- DERS
1,210	LF	HP12X53 STEEL PILES
1,650	LF	PP ** X **** GALVANIZED STEEL PILES (24 X 0.625)
30	EA	PILE REDRIVES
485	TON	RIP RAP CLASS II (2'-0" THICK)
540	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
462.17	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 029

CONTRACT ID : C202737 33721.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.209 MI

COUNTY : COLUMBUS

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGES #76 & 78 OVER GRISETT SWAMP AND APPROACHES ON SR-1006.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+65.75-L-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+14.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
30	SY	FOUNDATION CONDITIONING FABRIC
32	LF	15" DRAINAGE PIPE
56	LF	15" RC PIPE CULVERTS, CLASS IV
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
310	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
115	LF	SHOULDER BERM GUTTER
150	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	RIP RAP, CLASS B
385	SY	FILTER FABRIC FOR DRAINAGE
435	SF	WORK ZONE SIGNS (STATIONARY)
63	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
2,210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
14	EA	PERMANENT RAISED PAVEMENT MARKERS
1,875	LF	TEMPORARY SILT FENCE
160	TON	STONE FOR EROSION CONTROL, CLASS A
5	TON	STONE FOR EROSION CONTROL, CLASS B
45	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,300	LF	SAFETY FENCE
10	CY	SILT EXCAVATION
2,400	SY	MATting FOR EROSION CONTROL
140	SY	COIR FIBER MAT
220	LF	1/4" HARDWARE CLOTH
165	LF	COIR FIBER WATTLE
1.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING

0.75	TON	FERTILIZER TOPDRESSING
25	MHR	SPECIALIZED HAND MOWING
20	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+65.75-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+14.00-L-)
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+65.75-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+14.00-L-)
88.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+65.75-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+14.00-L-)
11,274	LB	REINFORCING STEEL (BRIDGE)
1,215	LF	HP14X73 STEEL PILES
24	EA	PILE REDRIVES
240.5	LF	VERTICAL CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
550	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
770	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
2,804	SF	GENERIC STRUCTURE ITEM 18" STEEL SHEET PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 030

CONTRACT ID : C202156 34762.3.4

DIV OFFICE GREENSBORO

LENGTH = 0.748 MI

COUNTY : ORANGE

WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL 13.0% COMPLETION DATE : JUL 01 2013

NC-86 (S COLUMBIA ST) FROM SR-1906 (PUREFOY RD) TO SR-1902 (MANNING DR).

ROADWAY ITEMS				
			1.009	CY PIPE COLLARS
			0.882	CY PIPE PLUGS
			40.3	CY FLOWABLE FILL
			76	EA MASONRY DRAINAGE STRUCTURES
			31.6	LF MASONRY DRAINAGE STRUCTURES
			15	EA FRAME WITH TWO GRATES, STD 840.16
			1	EA FRAME WITH TWO GRATES, STD 840.24
			2	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			26	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			23	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			7	EA FRAME WITH COVER, STD 840.54
			120	LF ***X*** CONCRETE CURB (9" X 18")
			7,830	LF 2'-6" CONCRETE CURB & GUTTER
			30	LF CONCRETE EXPRESSWAY GUTTER
			3,410	SY 4" CONCRETE SIDEWALK
			180	SY 6" CONCRETE DRIVEWAY
			70	SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			720	SY GENERIC PAVING ITEM REMOVE AND RESET BRICK SIDEWALK
			38	EA GENERIC PAVING ITEM CONCRETE CURB RAMPS
			1	EA GENERIC PAVING ITEM RETROFIT EXISTING CURB RAMP
			10	EA ADJUSTMENT OF MANHOLES
			2,000	LF GENERIC FENCING ITEM TEMPORARY 72" CHAIN LINK FENCE
			360	TON RIP RAP, CLASS I
			20	TON RIP RAP, CLASS B
			3,230	SY FILTER FABRIC FOR DRAINAGE
			890	LF SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA SIGN ERECTION, TYPE D
			44	EA SIGN ERECTION, TYPE E
			5	EA SIGN ERECTION, TYPE F
			61	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			675	SF WORK ZONE SIGNS (STATIONARY)
			890	SF WORK ZONE SIGNS (PORTABLE)
			61	SF WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA FLASHING ARROW PANELS, TYPE C
			4	EA CHANGEABLE MESSAGE SIGN
			58	EA DRUMS
			356	LF BARRICADES (TYPE III)
			660	MD FLAGGER
			2	EA TMIA
			2,211	LF WATER FILLED BARRIER
			3,887	LF RESET WATER FILLED BARRIER
			270	EA SKINNY DRUM
			7,380	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			11,560	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			500	LF THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			2,180	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			33	EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			142	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			63,200	LF PAINT PAVEMENT MARKING LINES (4")
			1,430	LF PAINT PAVEMENT MARKING LINES (8")
			2,650	LF PAINT PAVEMENT MARKING LINES (24")
			57	EA PAINT PAVEMENT MARKING CHARACTER
Lump Sum	LS	MOBILIZATION		
3,500	CY	SHALLOW UNDERCUT		
Lump Sum	LS	GRADING		
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING		
350	CY	UNDERCUT EXCAVATION		
8,500	TON	CLASS IV SUBGRADE STABILIZATION		
1,720	CY	DRAINAGE DITCH EXCAVATION		
375	CY	SELECT GRANULAR MATERIAL		
9,825	SY	FABRIC FOR SOIL STABILIZATION		
100	CY	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL		
740	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		
1,680	SY	FOUNDATION CONDITIONING FABRIC		
76	LF	15" RC PIPE CULVERTS, CLASS III		
36	LF	30" RC PIPE CULVERTS, CLASS III		
172	LF	42" RC PIPE CULVERTS, CLASS III		
1,932	LF	15" RC PIPE CULVERTS, CLASS IV		
358	LF	18" RC PIPE CULVERTS, CLASS IV		
1,420	LF	24" RC PIPE CULVERTS, CLASS IV		
556	LF	30" RC PIPE CULVERTS, CLASS IV		
16	LF	15" CS PIPE CULVERTS, 0.064" THICK		
52	LF	24" CS PIPE CULVERTS, 0.064" THICK		
332	LF	30" CS PIPE CULVERTS, 0.079" THICK		
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")		
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")		
2	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")		
40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (42", 0.109", B)		
40	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (42", 0.109", B)		
32	LF	GENERIC PIPE ITEM TEMPORARY 12" PLASTIC CORRUGATED PIPE		
920.4	LF	PIPE REMOVAL		
40	TON	#57 STONE		
500	TON	STABILIZER AGGREGATE		
1,500	TON	INCIDENTAL STONE BASE		
880	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")		
4,210	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")		
280	SY	INCIDENTAL MILLING		
4,210	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		
4,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		
3,120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		
640	TON	ASPHALT BINDER FOR PLANT MIX		
405	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		
112	CY	SUBDRAIN EXCAVATION		
84	CY	SUBDRAIN FINE AGGREGATE		
500	LF	6" PERFORATED SUBDRAIN PIPE		
1	EA	SUBDRAIN PIPE OUTLETS		
6	LF	6" OUTLET PIPE (SUBDRAINS)		
4.5	CY	ENDWALLS		

	16	EA	GENERIC SIGNAL ITEM APS DETECTOR STATIONS
	2	EA	GENERIC SIGNAL ITEM CENTRAL CONTROL UNITS FOR APS DETECTOR STATIONS
	16	EA	GENERIC SIGNAL ITEM PUSH BUTTON POSTS
201	EA		PAINT PAVEMENT MARKING SYMBOL
10,900	LF		REMOVAL OF PAVEMENT MARKING LINES (4")
100	LF		REMOVAL OF PAVEMENT MARKING LINES (8")
70	LF		REMOVAL OF PAVEMENT MARKING LINES (24")
25	EA		REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
93	LF		2" WATER LINE
859	LF		8" WATER LINE
3,956	LF		12" WATER LINE
11	EA		8" VALVE
23	EA		12" VALVE
34	EA		RELOCATE WATER METER
1	EA		RECONNECT WATER METER
6	EA		RELOCATE FIRE HYDRANT
5	EA		SANITARY SEWER CLEAN-OUT
3,063	LF		ABANDON 8" UTILITY PIPE
1,580	LF		ABANDON 12" UTILITY PIPE
100	LF		TRENCHLESS INSTALLATION OF 8" IN SOIL
100	LF		TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
88	LF		TRENCHLESS INSTALLATION OF 12" IN SOIL
88	LF		TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
8,000	LF		TEMPORARY SILT FENCE
2,700	TON		STONE FOR EROSION CONTROL, CLASS A
400	TON		STONE FOR EROSION CONTROL, CLASS B
1,200	TON		SEDIMENT CONTROL STONE
9	ACR		TEMPORARY MULCHING
300	LB		SEED FOR TEMPORARY SEEDING
2.25	TON		FERTILIZER FOR TEMPORARY SEED- ING
65	LF		TEMPORARY SLOPE DRAINS
100	LF		SAFETY FENCE
2,100	CY		SILT EXCAVATION
13,250	SY		MATTING FOR EROSION CONTROL
15	SY		COIR FIBER MAT
3,225	SY		PERMANENT SOIL REINFORCEMENT MAT
4,700	LF		1/4" HARDWARE CLOTH
1,200	LF		COIR FIBER BAFFLE
1	EA		*** SKIMMER (2")
9	ACR		SEEDING & MULCHING
9	ACR		MOWING
150	LB		SEED FOR REPAIR SEEDING
0.25	TON		FERTILIZER FOR REPAIR SEEDING
225	LB		SEED FOR SUPPLEMENTAL SEEDING
6.25	TON		FERTILIZER TOPDRESSING
10	MHR		SPECIALIZED HAND MOWING
150	EA		RESPONSE FOR EROSION CONTROL
8	EA		PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)
3,310	LF		SIGNAL CABLE
9	EA		VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	EA		VEHICLE SIGNAL HEAD (12", 4 SECTION)
3	EA		VEHICLE SIGNAL HEAD (12", 5 SECTION)
250	LF		MESSENGER CABLE (1/4")
420	LF		MESSENGER CABLE (3/8")
375	LF		UNPAVED TRENCHING (***** (1, 2")
30	LF		UNPAVED TRENCHING (***** (3, 2")
7	EA		JUNCTION BOX (STANDARD SIZE)
4	EA		WOOD POLE
9	EA		GUY ASSEMBLY
2	EA		1" RISER WITH WEATHERHEAD
16	EA		2" RISER WITH WEATHERHEAD
1	EA		2" RISER WITH HEAT SHRINK TUBING
3,835	LF		INDUCTIVE LOOP SAWCUT
7,905	LF		LEAD-IN CABLE (***** (14-2)
1	EA		INTERCONNECT CENTER
2	EA		CABLE TRANSFER
3	EA		SIGN FOR SIGNALS
1	EA		CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
7	EA		DETECTOR CARD (TYPE 2070L)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 031

CONTRACT ID : C202652 34924.3.1

DIV OFFICE GREENSBORO

LENGTH = 6.052 MI

COUNTY : ROCKINGHAM

WIDENING, GRADING, DRAINAGE, PAVING, RET WALL, & STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : OCT 01 2015

US-29 BUS (FREEWAY DR) FROM SR-2670 (S SCALES ST) TO NC-14 IN REIDSVILLE.

ROADWAY ITEMS					
			29	EA	*** CS PIPE ELBOWS, ***** THICK (15")
			15	EA	*** CS PIPE ELBOWS, ***** THICK (18")
			6	EA	*** CS PIPE ELBOWS, ***** THICK (24")
			138	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL 36" WSP, 0.5" THICK, GRADE B
			88	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL 42" WSP, 0.625" THICK, GRADE B
			82	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL 48" WSP, 0.625" THICK, GRADE B
			30	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL 36" WSP, 0.5" THICK, GRADE B
			20	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL 42" WSP, 0.625" THICK, GRADE B
			18	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL 48" WSP, 0.625" THICK, GRADE B
			116	LF	GENERIC PIPE ITEM 36" RC PIPE CULVERTS, CLASS V
			408	LF	GENERIC PIPE ITEM 54" WELDED STEEL PIPE LINER
			372	LF	GENERIC PIPE ITEM 60" RC PIPE CULVERTS, CLASS V
			168	LF	GENERIC PIPE ITEM 60" WELDED STEEL PIPE LINER
			128	LF	GENERIC PIPE ITEM 66" RC PIPE CULVERTS, CLASS V
			8,376	LF	PIPE REMOVAL
			Lump Sum	LS	FINE GRADING
			1,000	TON	STABILIZER AGGREGATE
			15,900	TON	AGGREGATE BASE COURSE
			5,000	TON	INCIDENTAL STONE BASE
			5,750	GAL	PRIME COAT
			2,000	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
			7,700	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
			700	SY	INCIDENTAL MILLING
			20,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
			80,750	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
			10,650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			52,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			14,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			47,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			4,200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
			11,420	TON	ASPHALT BINDER FOR PLANT MIX
			1,775	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
			330	EA	RIGHT OF WAY MARKERS
			896	CY	SUBDRAIN EXCAVATION
			672	CY	SUBDRAIN FINE AGGREGATE
			4,000	LF	6" PERFORATED SUBDRAIN PIPE
			8	EA	SUBDRAIN PIPE OUTLETS
			48	LF	6" OUTLET PIPE (SUBDRAINS)
			75	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
			16	CY	ENDWALLS
			42	CY	REINFORCED ENDWALLS
			30	CY	PIPE COLLARS
			1	CY	PIPE PLUGS
			40	CY	FLOWABLE FILL
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
347,300	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+25.25 -Y17-)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (203+00.96 -L- WBL)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (203+08.04 -L- EBL)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+28.96 -Y21-)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+49.6 -Y10-)			
5,905	CY	UNDERCUT EXCAVATION			
1,970	CY	SHALLOW UNDERCUT			
3,750	TON	CLASS IV SUBGRADE STABILIZATION			
256,000	CY	BORROW EXCAVATION			
3,124	CY	DRAINAGE DITCH EXCAVATION			
1,145	LF	BERM DITCH CONSTRUCTION			
98,900	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
6,200	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
5,000	CY	SELECT GRANULAR MATERIAL			
10,000	SY	FABRIC FOR SOIL STABILIZATION			
13,165	SF	TEMPORARY SHORING			
1	EA	GENERIC GRADING ITEM HAZARDOUS SPILL BASIN			
7,390	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
18,460	SY	FOUNDATION CONDITIONING FABRIC			
12	LF	*** SIDE DRAIN PIPE (12")			
936	LF	*** SIDE DRAIN PIPE (30")			
628	LF	*** SIDE DRAIN PIPE (36")			
120	LF	*** SIDE DRAIN PIPE (42")			
28	LF	*** SIDE DRAIN PIPE (48")			
5,036	LF	15" SIDE DRAIN PIPE			
2,404	LF	18" SIDE DRAIN PIPE			
1,616	LF	24" SIDE DRAIN PIPE			
2,668	LF	15" RC PIPE CULVERTS, CLASS III			
4,084	LF	18" RC PIPE CULVERTS, CLASS III			
2,292	LF	24" RC PIPE CULVERTS, CLASS III			
1,524	LF	30" RC PIPE CULVERTS, CLASS III			
92	LF	36" RC PIPE CULVERTS, CLASS III			
80	LF	42" RC PIPE CULVERTS, CLASS III			
144	LF	54" RC PIPE CULVERTS, CLASS III			
164	LF	66" RC PIPE CULVERTS, CLASS III			
26,172	LF	15" RC PIPE CULVERTS, CLASS IV			
1,632	LF	18" RC PIPE CULVERTS, CLASS IV			
2,616	LF	24" RC PIPE CULVERTS, CLASS IV			
1,104	LF	30" RC PIPE CULVERTS, CLASS IV			
912	LF	15" CS PIPE CULVERTS, 0.064" THICK			
100	LF	24" CS PIPE CULVERTS, 0.064" THICK			

			1,900	SY	GENERIC EROSION CONTROL ITEM
					REINFORCED SOIL SLOPES
			12	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
586	EA	MASONRY DRAINAGE STRUCTURES	3	CY	PLAIN CONCRETE SIGN FOUNDATIONS
46	CY	MASONRY DRAINAGE STRUCTURES	48	CY	OVERHEAD FOOTING
213	LF	MASONRY DRAINAGE STRUCTURES	2,874	LB	SUPPORTS, BREAKAWAY STEEL BEAM
2	EA	FRAME WITH GRATE, STD 840.24	7,577	LB	SUPPORTS, SIMPLE STEEL BEAM
71	EA	FRAME WITH TWO GRATES, STD 840.16	7,875	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
10	EA	FRAME WITH TWO GRATES, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (A ON US-29 NBL)
83	EA	FRAME WITH TWO GRATES, STD 840.24	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (B ON US-29 SBL)
40	EA	FRAME WITH TWO GRATES, STD 840.29	33	EA	SIGN ERECTION, TYPE D
31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	143	EA	SIGN ERECTION, TYPE E
149	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	89	EA	SIGN ERECTION, TYPE F
146	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	21	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
30	EA	FRAME WITH COVER, STD 840.54	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
9	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
56	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
35	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	287	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	*** SLUICE GATE (24")	5	EA	DISPOSAL OF SIGN SYSTEM, WOOD
32,100	LF	1'-6" CONCRETE CURB & GUTTER	12	EA	DISPOSAL OF SUPPORT, U-CHANNEL
51,300	LF	2'-6" CONCRETE CURB & GUTTER	7	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
1,300	LF	SHOULDER BERM GUTTER	10	EA	DISPOSAL OF SIGN, D, E OR F
3,160	LF	CONCRETE EXPRESSWAY GUTTER	2,982	SF	WORK ZONE SIGNS (STATIONARY)
5,400	SY	4" CONCRETE SIDEWALK	1,895	SF	WORK ZONE SIGNS (PORTABLE)
1,800	SY	6" CONCRETE DRIVEWAY	811	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
240	SY	4" CONCRETE PAVED DITCH	4	EA	FLASHING ARROW PANELS, TYPE C
8,800	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	4	EA	CHANGEABLE MESSAGE SIGN
700	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	1,644	EA	DRUMS
24	EA	GENERIC PAVING ITEM CONCRETE CURB RAMP	200	EA	CONES
27	EA	ADJUSTMENT OF MANHOLES	568	LF	BARRICADES (TYPE III)
21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	16,000	HR	FLAGGER
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	10	EA	TEMPORARY CRASH CUSHIONS
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	6	EA	RESET TEMPORARY CRASH CUSHIONS
2	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN	4	EA	TMIA
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350	2,060	LF	PORTABLE CONCRETE BARRIER
13,875	LF	STEEL BM GUARDRAIL	810	LF	RESET PORTABLE CONCRETE BARRIER
225	LF	STEEL BM GUARDRAIL, SHOP CURVED	10,000	LF	WATER FILLED BARRIER
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	9,925	LF	RESET WATER FILLED BARRIER
40	EA	ADDITIONAL GUARDRAIL POSTS	340	EA	SKINNY DRUM
30	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	3,400	EA	TEMPORARY RAISED PAVEMENT MARKERS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	108,440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
42	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	58,209	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
8	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	1,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
12	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	254	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
4,900	LF	REMOVE EXISTING GUARDRAIL	5,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
750	LF	TEMPORARY STEEL BM GUARDRAIL	500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (CAT-1)	5	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	437	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
4	EA	CABLE GUIDERAIL ANCHOR UNITS	1,185	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
975	LF	GENERIC GUARDRAIL ITEM REMOVE CABLE GUIDERAIL	2,217	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
21,140	LF	WOVEN WIRE FENCE, 47" FABRIC	200	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)
1,270	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	200	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
470	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	4	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
919	TON	RIP RAP, CLASS I	760,532	LF	PAINT PAVEMENT MARKING LINES (4")
231	TON	RIP RAP, CLASS II	17,658	LF	PAINT PAVEMENT MARKING LINES (8")
1,501	TON	RIP RAP, CLASS B	5,864	LF	PAINT PAVEMENT MARKING LINES (24")
19,192	SY	FILTER FABRIC FOR DRAINAGE			
9	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			

			380	SY	COIR FIBER MAT
			19,251	SY	PERMANENT SOIL REINFORCEMENT MAT
			20,000	LF	1/4" HARDWARE CLOTH
			450	LF	*** TEMPORARY PIPE (15")
			185	CY	STILLING BASINS
			6,000	LF	COIR FIBER WATTLE
			6,800	LB	POLYACRYLAMIDE (PAM)
			7,000	LF	COIR FIBER BAFFLE
			27	EA	*** SKIMMER (1-1/2")
			1	EA	*** SKIMMER (2")
			150	ACR	SEEDING & MULCHING
			150	ACR	MOWING
			2,200	LB	SEED FOR REPAIR SEEDING
			6.25	TON	FERTILIZER FOR REPAIR SEEDING
			3,450	LB	SEED FOR SUPPLEMENTAL SEEDING
			103.5	TON	FERTILIZER TOPDRESSING
			500	LF	IMPERVIOUS DIKE
			100	MHR	SPECIALIZED HAND MOWING
			125	EA	RESPONSE FOR EROSION CONTROL
			10	ACR	REFORESTATION
			2	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)
			18,270	LF	SIGNAL CABLE
			4	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)
			132	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			32	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			23	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
			4	EA	RELOCATE EXISTING VEHICLE SIGNAL HEAD
			600	LF	MESSENGER CABLE (1/4")
			9,800	LF	MESSENGER CABLE (3/8")
			500	LF	PAVED TRENCHING (***** (1, 2"))
			7,400	LF	UNPAVED TRENCHING (***** (1, 2"))
			131	EA	JUNCTION BOX (STANDARD SIZE)
			25	EA	WOOD POLE
			54	EA	GUY ASSEMBLY
			6	EA	1" RISER WITH WEATHERHEAD
			31	EA	2" RISER WITH WEATHERHEAD
			1	EA	HEAT SHRINK TUBING RETROFIT KIT
			6	EA	2" RISER WITH HEAT SHRINK TUBING
			16,090	LF	INDUCTIVE LOOP SAWCUT
			38,370	LF	LEAD-IN CABLE (***** (14-2))
			15	EA	SITE SURVEY
			12	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
			36	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
			6	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
			34	EA	RELOCATE CAMERA SENSOR UNIT
			6	EA	900MHZ WIRELESS RADIO SYSTEM
			52	EA	METAL STRAIN SIGNAL POLE
			52	EA	SOIL TEST
			364	CY	DRILLED PIER FOUNDATION
			1	EA	SIGNAL PEDESTAL WITH FOUNDATION
			20	EA	SIGN FOR SIGNALS
			3	EA	RELOCATE EXISTING SIGN
			12	EA	SIGNAL CABINET FOUNDATION
			12	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
			85	EA	DETECTOR CARD (TYPE 2070L)
			12	EA	CABINET BASE EXTENDER
			1	EA	BEACON CONTROLLER ASSEMBLY & CABINET (***** (F1))
			2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS LIGHTNING ARRESTORS
			2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEMS
72	EA	PAINT PAVEMENT MARKING CHARACTER			
1,352	EA	PAINT PAVEMENT MARKING SYMBOL			
63,510	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
1,464	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			
1,343	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
36	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
9	EA	PERMANENT RAISED PAVEMENT MARKERS			
977	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
225	LF	*** WATER LINE (1")			
1,745	LF	6" WATER LINE			
2,113	LF	8" WATER LINE			
9,466	LF	12" WATER LINE			
632	LF	16" WATER LINE			
3	EA	6" VALVE			
9	EA	8" VALVE			
10	EA	12" VALVE			
1	EA	16" VALVE			
1	EA	12" TAPPING VALVE			
2	EA	2" AIR RELEASE VALVE			
4	EA	4" AIR RELEASE VALVE			
50	EA	RELOCATE WATER METER			
16	EA	RECONNECT WATER METER			
26	EA	RELOCATE FIRE HYDRANT			
97	LF	4" SANITARY GRAVITY SEWER			
40	LF	6" SANITARY GRAVITY SEWER			
2,405	LF	8" SANITARY GRAVITY SEWER			
288	LF	16" SANITARY GRAVITY SEWER			
2,224	LF	24" SANITARY GRAVITY SEWER			
6,455	LF	*** FORCE MAIN SEWER (18")			
1,055	LF	*** FORCE MAIN SEWER (2-1/2")			
20	LF	2" FORCE MAIN SEWER			
70	LF	4" FORCE MAIN SEWER			
2,074	LF	8" FORCE MAIN SEWER			
3	EA	SANITARY SEWER CLEAN-OUT			
18	EA	4' DIA UTILITY MANHOLE			
10	EA	5' DIA UTILITY MANHOLE			
2	EA	6' DIA UTILITY MANHOLE			
80	LF	UTILITY MANHOLE WALL, 4' DIA			
56	LF	UTILITY MANHOLE WALL, 5' DIA			
17	LF	UTILITY MANHOLE WALL, 6' DIA			
362	LF	ABANDON 8" UTILITY PIPE			
283	LF	ABANDON 16" UTILITY PIPE			
8,473	LF	ABANDON 18" UTILITY PIPE			
5	EA	REMOVE WATER METER			
26	EA	ABANDON UTILITY MANHOLE			
4	EA	REMOVE UTILITY MANHOLE			
60	LF	*** ENCASEMENT PIPE (42")			
180	LF	30" ENCASEMENT PIPE			
30	LF	TRENCHLESS INSTALLATION OF *** IN SOIL (42")			
30	LF	TRENCHLESS INSTALLATION OF *** NOT IN SOIL (42")			
90	LF	TRENCHLESS INSTALLATION OF 30" IN SOIL			
90	LF	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL			
Lump Sum	LS	SANITARY SEWER PUMP STATION			
1	EA	GENERIC UTILITY ITEM ABANDON EXISTING SANITARY SEWER PUMP STATION			
20,000	LF	TEMPORARY SILT FENCE			
14,800	TON	STONE FOR EROSION CONTROL, CLASS A			
12,700	TON	STONE FOR EROSION CONTROL, CLASS B			
12,000	TON	SEDIMENT CONTROL STONE			
150	ACR	TEMPORARY MULCHING			
4,850	LB	SEED FOR TEMPORARY SEEDING			
21	TON	FERTILIZER FOR TEMPORARY SEEDING			
10,000	LF	TEMPORARY SLOPE DRAINS			
150	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
100	LF	SAFETY FENCE			
30,600	CY	SILT EXCAVATION			
130,000	SY	MATTING FOR EROSION CONTROL			

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (225+82.25-L-)	1	EA	GENERIC STRUCTURE ITEM CSL TESTING
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (250+30.41-L-)			
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (311+30.62-L-)			
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (324+72.83-L-)			
279	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT			
575.1	CY	CLASS A CONCRETE (CULVERT)			
79,200	LB	REINFORCING STEEL (CULVERT)			

WALL ITEMS

5,050	SF	MSE RETAINING WALLS
5,465	SF	SOIL NAIL RETAINING WALLS
1,410	SF	SOLDIER PILE RETAINING WALLS
4	EA	SOIL NAIL VERIFICATION TESTS
12	EA	SOIL NAIL PROOF TESTS

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (113+47.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (203+04.30-L-RT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (262+51.60-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (303+93.67-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,113+47.50-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,262+51.60-L-)
110	LF	PILE EXCAVATION IN SOIL
205	LF	PILE EXCAVATION NOT IN SOIL
52.25	LF	3'-6" DIA DRILLED PIERS IN SOIL
28	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTION
42,112	SF	REINFORCED CONCRETE DECK SLAB
42,377	SF	GROOVING BRIDGE FLOORS
688	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (113+47.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (203+04.30-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (203+04.30-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (262+51.60-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (303+93.67-L-)
106,831	LB	REINFORCING STEEL (BRIDGE)
5,362	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
4,448.62	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
5,800	LF	HP12X53 STEEL PILES
845	LF	HP14X73 STEEL PILES
342.46	LF	TWO BAR METAL RAIL
533.37	LF	THREE BAR METAL RAIL
662.59	LF	CONCRETE BARRIER RAIL
188.33	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
169.31	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-8")
1,819	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 032

CONTRACT ID : C202806 45438.3.15

DIV OFFICE GREENSBORO

LENGTH = 0.000 MI

COUNTY : GUILFORD

DECK REHABILITATION.

DBE GOAL 4.0% COMPLETION DATE : NOV 15 2012

BRIDGES # 1, 136, AND 470 ON SR-2254 (WENDOVER AVE), #287, 217, 259, AND 274 ON US-220 (WENDOVER AVE).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
39	TON	ASPHALT BINDER FOR PLANT MIX
537	LF	2'-6" CONCRETE CURB & GUTTER
128	SF	WORK ZONE SIGNS (STATIONARY)
811	SF	WORK ZONE SIGNS (PORTABLE)
24	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
5	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
500	EA	DRUMS
40	LF	BARRICADES (TYPE III)
2	EA	TMIA
22,125	LF	PAINT PAVEMENT MARKING LINES (4")
61,613	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	EVAZOTE JOINT SEALS
424.7	CY	GENERIC STRUCTURE ITEM LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
7,566.2	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
7,566.2	SY	GENERIC STRUCTURE ITEM PLACING & FINISHING LATEX MOD CONC OVERLAY - VERY EARLY STRENGTH
13,728.6	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 033

CONTRACT ID : C202920 30001.38

DIV OFFICE ABERDEEN

LENGTH = 8.274 MI

COUNTY : MOORE, LEE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : AUG 31 2012

NC-24/27 FROM NC-22 TO SR-1261 AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
229	CY	BORROW EXCAVATION
650	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
3,980	TON	AGGREGATE BASE COURSE
8.96	MSY	CONDITIONING EXISTING BASE
285	TON	INCIDENTAL STONE BASE
11.5	SMI	SHOULDER RECONSTRUCTION
17,300	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
850	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
2,645	SY	INCIDENTAL MILLING
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
7,535	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
7,287	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
949	TON	ASPHALT BINDER FOR PLANT MIX
820	TON	PATCHING EXISTING PAVEMENT
450	TON	GENERIC PAVING ITEM JOINT REPAIR
24	EA	ADJUSTMENT OF MANHOLES
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
40,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
28,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
980	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
68,750	LF	PAINT PAVEMENT MARKING LINES (4")
250	EA	PERMANENT RAISED PAVEMENT MARKERS
675	LF	TEMPORARY SILT FENCE
95	TON	STONE FOR EROSION CONTROL, CLASS B
95	TON	SEDIMENT CONTROL STONE
150	LF	WATTLE
8.35	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 034

CONTRACT ID : C202745 40278.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 4.163 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 14.0% COMPLETION DATE : SEP 15 2015

SR-2643 (UNION CROSS RD) FROM SR-2691 (WALLBURG RD) TO SR-2632 (SEDGE GARDEN RD).

ROADWAY ITEMS					
			12,770	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			51,370	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	MOBILIZATION	15,570	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	CONSTRUCTION SURVEYING	41,790	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	FIELD OFFICE	1,040	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	630	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
4	EA	SEALING ABANDONED WELLS	270	EA	RIGHT OF WAY MARKERS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (158+37 -L- NBL)	336	CY	SUBDRAIN EXCAVATION
1,000	CY	UNDERCUT EXCAVATION	168	CY	SUBDRAIN FINE AGGREGATE
5,000	CY	SHALLOW UNDERCUT	1,000	LF	6" PERFORATED SUBDRAIN PIPE
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	SUBDRAIN PIPE OUTLETS
10,000	TON	CLASS IV SUBGRADE STABILIZATION	12	LF	6" OUTLET PIPE (SUBDRAINS)
4,420	CY	DRAINAGE DITCH EXCAVATION	3	CY	ENDWALLS
36,960	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	5.2	CY	REINFORCED ENDWALLS
6,640	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT	7	CY	PIPE COLLARS
3,770	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	2	CY	PIPE PLUGS
300	SY	BREAKING OF EXISTING CONCRETE PAVEMENT	5	CY	FLOWABLE FILL
16,100	SY	FABRIC FOR SOIL STABILIZATION	311	EA	MASONRY DRAINAGE STRUCTURES
720	SF	TEMPORARY SHORING	81	LF	MASONRY DRAINAGE STRUCTURES
420	TON	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	52	EA	FRAME WITH TWO GRATES, STD 840.16
2,820	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	14	EA	FRAME WITH TWO GRATES, STD 840.22
8,850	SY	FOUNDATION CONDITIONING FABRIC	5	EA	FRAME WITH TWO GRATES, STD 840.24
5,264	LF	15" DRAINAGE PIPE	5	EA	FRAME WITH TWO GRATES, STD 840.29
1,592	LF	18" DRAINAGE PIPE	40	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
920	LF	24" DRAINAGE PIPE	102	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
416	LF	30" DRAINAGE PIPE	86	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
204	LF	36" DRAINAGE PIPE	8	EA	FRAME WITH COVER, STD 840.54
16	EA	*** DRAINAGE PIPE ELBOWS (15")	36	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN
2	EA	*** DRAINAGE PIPE ELBOWS (24")	28	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS
2	EA	*** DRAINAGE PIPE ELBOWS (30")	25,650	LF	1'-6" CONCRETE CURB & GUTTER
976	LF	15" SIDE DRAIN PIPE	49,330	LF	2'-6" CONCRETE CURB & GUTTER
68	LF	18" SIDE DRAIN PIPE	16,060	SY	4" CONCRETE SIDEWALK
752	LF	15" RC PIPE CULVERTS, CLASS III	2,500	SY	6" CONCRETE DRIVEWAY
148	LF	18" RC PIPE CULVERTS, CLASS III	9	SY	4" CONCRETE PAVED DITCH
248	LF	24" RC PIPE CULVERTS, CLASS III	4,000	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
28	LF	30" RC PIPE CULVERTS, CLASS III	490	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
12,392	LF	15" RC PIPE CULVERTS, CLASS IV	130	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
1,332	LF	18" RC PIPE CULVERTS, CLASS IV	1	EA	ADJUSTMENT OF CATCH BASINS
2,412	LF	24" RC PIPE CULVERTS, CLASS IV	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
56	LF	30" RC PIPE CULVERTS, CLASS IV	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
40	LF	36" RC PIPE CULVERTS, CLASS IV	5,787.5	LF	STEEL BM GUARDRAIL
1	EA	*** PIPE END SECTION (15")	50	LF	STEEL BM GUARDRAIL, SHOP CURVED
1	EA	*** PIPE END SECTION (18")	10	EA	ADDITIONAL GUARDRAIL POSTS
26	LF	*** CS PIPE CULVERTS, ***** THICK (54", 0.109")	2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
5,400	LF	PIPE REMOVAL	9	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS	FINE GRADING	19	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
21,437.5	GAL	PRIME COAT	17	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
32,400	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	3,270	LF	REMOVE EXISTING GUARDRAIL
5,640	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2-1/2")	7,700	LF	WOVEN WIRE FENCE, 47" FABRIC
14,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	480	EA	4" TIMBER FENCE POSTS, 7'-6" LONG

			7	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)	
130	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	440,465	LF	PAINT PAVEMENT MARKING LINES (4")	
120	TON	RIP RAP, CLASS I	14,862	LF	PAINT PAVEMENT MARKING LINES (8")	
470	TON	RIP RAP, CLASS B	5,352	LF	PAINT PAVEMENT MARKING LINES (24")	
8,260	SY	FILTER FABRIC FOR DRAINAGE				
7	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	172	EA	PAINT PAVEMENT MARKING CHARACTER	
3	CY	PLAIN CONCRETE SIGN FOUNDATIONS	576	EA	PAINT PAVEMENT MARKING SYMBOL	
120	CY	OVERHEAD FOOTING	155,832	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)	
9,045	LB	SUPPORTS, BREAKAWAY STEEL BEAM			(HIGHLY REFLECTIVE ELEMENTS)	
4,232	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	4,900	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** ("A" AT 18+00 -Y15RPC-)	12,836	LF	POLYUREA PAVEMENT MARKING LINES (8", *****)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** ("B" AT 18+00 -Y15RPA-)	46,647	LF	(HIGHLY REFLECTIVE ELEMENTS)	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** ("C" AT 152+75 -L-)	17	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** ("D" AT 164+25 -L-)	166	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** ("E" AT 160+50 -L-)	238	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** ("F" AT 156+75 -L-)	38	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
270	EA	SIGN ERECTION, TYPE E	157	EA	SNOWFLOWABLE PAVEMENT MARKERS	
15	EA	SIGN ERECTION, TYPE F	140	EA	FLEXIBLE DELINEATORS (CRYSTAL)	
12	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	116	EA	FLEXIBLE DELINEATORS (YELLOW)	
		(A)	1	EA	PORTABLE DRIVE UNIT	
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	28	CY	HIGH MOUNT FOUNDATIONS	
		(A)	24	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)	
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	22	EA	LIGHT STANDARD, TYPE MTLT ***** (45' SA 15')	
		(A)	22	EA	STANDARD FOUNDATION ***** (TYPE R1)	
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	22	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (RDW 250W HPS)	
		(D)	1	EA	ELECTRIC SERVICE POLE **** ***** (30' CLASS 4)	
6	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	50	LF	ELECTRIC SERVICE LATERAL ***** (3,#1/0 USE)	
		(E)	330	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	
6	EA	DISPOSAL OF SUPPORT, STEEL BEAM	860	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	270	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (4")	
162	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	260	LF	** #6 W/G FEEDER CIRCUIT (2)	
1,792	SF	WORK ZONE SIGNS (STATIONARY)	370	LF	** #4 W/G FEEDER CIRCUIT (2)	
976	SF	WORK ZONE SIGNS (PORTABLE)	370	LF	** #2 W/G FEEDER CIRCUIT (2)	
666	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	3,365	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	
4	EA	FLASHING ARROW PANELS, TYPE C	6,070	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	
6	EA	CHANGEABLE MESSAGE SIGN	1,090	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	
1,500	EA	DRUMS	3,310	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1-1/2")	
125	EA	CONES				
2,424	LF	BARRICADES (TYPE III)				
1,560	MD	FLAGGER				
10	EA	TEMPORARY CRASH CUSHIONS				
2	EA	RESET TEMPORARY CRASH CUSHIONS				
4	EA	TMIA				
6,680	LF	PORTABLE CONCRETE BARRIER				
2,230	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)				
2,210	LF	RESET PORTABLE CONCRETE BARRIER				
750	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)				
160	HR	LAW ENFORCEMENT				
50	EA	SKINNY DRUM	Lump Sum	LS	PORTABLE LIGHTING	
2,285	EA	TEMPORARY RAISED PAVEMENT MARKERS	4	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT STANDARD	
1,536	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	24	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOX (PC18)	
4,060	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	4	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOX (PC30)	
88	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)	2	EA	GENERIC LIGHTING ITEM ELECTRICAL JUNCTION BOX (PC36)	
3,215	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	1	EA	GENERIC LIGHTING ITEM LIGHT CONTROL EQUIPMENT, RW, 240/480V, 150A	
98	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	48	LF	6" WATER LINE	
321	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	705	LF	8" WATER LINE	
12	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE ** (III)	78	LF	12" WATER LINE	
			212	LF	16" WATER LINE	
			584	LF	20" WATER LINE	
			749	LF	24" WATER LINE	

1	EA	8" VALVE
1	EA	12" VALVE
3	EA	20" VALVE
1	EA	24" VALVE
95	EA	RELOCATE WATER METER
1	EA	RECONNECT WATER METER
1	EA	FIRE HYDRANT
33	EA	RELOCATE FIRE HYDRANT
2	EA	24" LINE STOP
2	EA	20" LINE STOP WITH BYPASS
40	LF	ABANDON 6" UTILITY PIPE
1,242	LF	ABANDON 8" UTILITY PIPE
69	LF	ABANDON 12" UTILITY PIPE
207	LF	ABANDON 16" UTILITY PIPE
448	LF	ABANDON 20" UTILITY PIPE
533	LF	ABANDON 24" UTILITY PIPE
25	EA	REMOVE WATER METER
135	LF	36" ENCASEMENT PIPE
68	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
67	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
80,000	LF	TEMPORARY SILT FENCE
7,000	TON	STONE FOR EROSION CONTROL, CLASS A
4,200	TON	STONE FOR EROSION CONTROL, CLASS B
7,000	TON	SEDIMENT CONTROL STONE
130	ACR	TEMPORARY MULCHING
3,750	LB	SEED FOR TEMPORARY SEEDING
16	TON	FERTILIZER FOR TEMPORARY SEEDING
1,500	LF	TEMPORARY SLOPE DRAINS
25	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	LF	SAFETY FENCE
14,000	CY	SILT EXCAVATION
72,800	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
900	SY	PERMANENT SOIL REINFORCEMENT MAT
26,000	LF	1/4" HARDWARE CLOTH
8,500	LF	COIR FIBER WATTLE
6,700	LB	POLYACRYLAMIDE (PAM)
2,000	LF	COIR FIBER BAFFLE
12	EA	*** SKIMMER (1-1/2")
105	ACR	SEEDING & MULCHING
120	ACR	MOWING
2,000	LB	SEED FOR REPAIR SEEDING
5.25	TON	FERTILIZER FOR REPAIR SEEDING
2,600	LB	SEED FOR SUPPLEMENTAL SEEDING
76	TON	FERTILIZER TOPDRESSING
100	MHR	SPECIALIZED HAND MOWING
150	EA	RESPONSE FOR EROSION CONTROL
30	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNT-DOWN)
28,135	LF	SIGNAL CABLE
154	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
20	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
24	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
9,100	LF	MESSENGER CABLE (1/4")
10,545	LF	MESSENGER CABLE (3/8")
610	LF	PAVED TRENCHING (***** (1, 2"))
17,215	LF	UNPAVED TRENCHING (***** (1, 2"))
660	LF	UNPAVED TRENCHING (***** (2, 2"))
1,025	LF	DIRECTIONAL DRILL (***** (1, 2"))
130	LF	DIRECTIONAL DRILL (***** (2, 2"))
204	EA	JUNCTION BOX (STANDARD SIZE)
38	EA	WOOD POLE
95	EA	GUY ASSEMBLY
9	EA	1" RISER WITH WEATHERHEAD
50	EA	2" RISER WITH WEATHERHEAD
27,185	LF	INDUCTIVE LOOP SAWCUT
75,235	LF	LEAD-IN CABLE (***** (14-2))
5	EA	MICROWAVE VEHICLE DETECTOR
14	EA	900MHZ WIRELESS RADIO SYSTEM

10,000	LF	REMOVE EXISTING COMMUNICATIONS CABLE
36	EA	METAL STRAIN SIGNAL POLE
2	EA	METAL POLE WITH SINGLE MAST ARM
2	EA	METAL POLE WITH DUAL MAST ARM
40	EA	SOIL TEST
252	CY	DRILLED PIER FOUNDATION
10	EA	SIGNAL PEDESTAL WITH FOUNDATION
4	EA	MAST ARM WITH METAL POLE DESIGN
63	EA	SIGN FOR SIGNALS
13	EA	SIGNAL CABINET FOUNDATION
13	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
91	EA	DETECTOR CARD (TYPE 2070L)
13	EA	CABINET BASE EXTENDER
1	EA	TRAFFIC SIGNAL REMOVAL
6	EA	GENERIC SIGNAL ITEM MODIFY RADIO INSTALLATION

***** BEGIN SCHEDULE AA *****
 ***** (3 ALTERNATES) *****

262,000	CY	UNCLASSIFIED EXCAVATION
44,080	TON	AGGREGATE BASE COURSE
17,900	CY	SHOULDER BORROW
60,340	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
9,875	TON	ASPHALT BINDER FOR PLANT MIX *** OR ***
257,000	CY	UNCLASSIFIED EXCAVATION
9,000	CY	BORROW EXCAVATION
9,120	TON	AGGREGATE BASE COURSE
75,640	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
10,550	TON	ASPHALT BINDER FOR PLANT MIX *** OR ***
260,000	CY	UNCLASSIFIED EXCAVATION
9,120	TON	AGGREGATE BASE COURSE
42,530	TON	AGGREGATE FOR CEMENT TREATED BASE COURSE
1,720	TON	PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE
11,390	GAL	ASPHALT CURING SEAL
17,300	CY	SHOULDER BORROW
45,240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
9,210	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	BLOTTING SAND

*** END SCHEDULE AA ***

WALL ITEMS

4,253	SF	MSE RETAINING WALLS
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STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (158+24.63 -L_NB-)
8,287	SF	REINFORCED CONCRETE DECK SLAB
8,198	SF	GROOVING BRIDGE FLOORS
147	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (158+24.63 -L_NB-)
23,599	LB	REINFORCING STEEL (BRIDGE)
1,172	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
974.25	LF	54" PRESTRESSED CONCRETE GIRDERS
735	LF	HP12X53 STEEL PILES
865	LF	HP12X53 GALVANIZED STEEL PILES
156.35	LF	TWO BAR METAL RAIL
164.36	LF	CONCRETE BARRIER RAIL
164.36	LF	1'-**"X ***** CONCRETE PARAPET (1'-2" X 2'-6")
28	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 035

CONTRACT ID : C202925 9CR.10291.9

DIV OFFICE WINSTON-SALEM

LENGTH = 29.473 MI

COUNTY : DAVIDSON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : OCT 31 2012

NC-109 FROM NC-109 / RANDOLPH ST RR CROSSING TO SR-2067 AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
3,357	CY	BORROW EXCAVATION
1,561	TON	INCIDENTAL STONE BASE
56.41	SMI	SHOULDER RECONSTRUCTION
9,353	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
14,689	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
31,148	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3-1/2")
17,122	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
578	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3-1/2")
1,854	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
3,906	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
35,744	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,058	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,718	TON	ASPHALT BINDER FOR PLANT MIX
1	EA	ADJUSTMENT OF DROP INLETS
3	EA	ADJUSTMENT OF MANHOLES
54	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
303,253	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
320,440	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
186	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
54	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
102	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
17,356	LF	PAINT PAVEMENT MARKING LINES (4")
326	EA	SNOWPLOWABLE PAVEMENT MARKERS
11,684	LF	TEMPORARY SILT FENCE
1,100	LF	WATTLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120117 036

CONTRACT ID : C202926 9CR.10341.9

DIV OFFICE WINSTON-SALEM

LENGTH = 40.733 MI

COUNTY : FORSYTH, STOKES

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 31 2012

1 SECTION OF US-158, US-311, NC-66, AND NC-67, AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,277	CY	BORROW EXCAVATION
1,459	TON	INCIDENTAL STONE BASE
69.88	SMI	SHOULDER RECONSTRUCTION
10,330	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
13,667	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
69,433	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
489	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")
534	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 3-1/2")
1,173	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (1-1/2" TO 5")
958	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
122	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,734	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
52,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
16,090	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,209	TON	ASPHALT BINDER FOR PLANT MIX
95	EA	ADJUSTMENT OF MANHOLES
99	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
300	HR	LAW ENFORCEMENT
411,647	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
501,688	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,587	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3,845	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
3,372	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
475	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,220	LF	PAINT PAVEMENT MARKING LINES (4")
28	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING SYMBOL
1,277	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
16,292	LF	TEMPORARY SILT FENCE
1,400	LF	WATTLE
30,000	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 037

CONTRACT ID : C202725 33632.3.1

DIV OFFICE ALBEMARLE

LENGTH = 0.157 MI

COUNTY : UNION

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER WAXHAW CREEK AND APPROACHES ON SR-1113.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (18+79.00-L-)
175	CY	SHALLOW UNDERCUT
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
250	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
350	TON	CLASS IV SUBGRADE STABILIZATION
3,075	CY	BORROW EXCAVATION
35	CY	DRAINAGE DITCH EXCAVATION
600	SY	FABRIC FOR SOIL STABILIZATION
3	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
10	SY	FOUNDATION CONDITIONING FABRIC
24	LF	15" DRAINAGE PIPE
2	EA	*** DRAINAGE PIPE ELBOWS (15")
100	TON	INCIDENTAL STONE BASE
420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
470	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX
56	CY	SUBDRAIN EXCAVATION
42	CY	SUBDRAIN FINE AGGREGATE
250	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLETS
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
30	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
75	TON	RIP RAP, CLASS I
610	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
356	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
112	LF	BARRICADES (TYPE III)
1,400	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
205	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
350	LF	TEMPORARY SLOPE DRAINS
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
330	CY	SILT EXCAVATION
7,500	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
530	SY	PERMANENT SOIL REINFORCEMENT MAT
350	LF	1/4" HARDWARE CLOTH
110	SY	FLOATING TURBIDITY CURTAIN
150	LF	WATTLE
70	LB	POLYACRYLAMIDE (PAM)
80	LF	COIR FIBER BAFFLE

1	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+79.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+79.00-L-)
34.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+79.00-L-)
5,076	LB	REINFORCING STEEL (BRIDGE)
360	LF	HP12X53 STEEL PILES
195.5	LF	VERTICAL CONCRETE BARRIER RAIL
460	TON	RIP RAP CLASS II (2'-0" THICK)
510	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
977.5	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 038

CONTRACT ID : C202744 34977.3.1

DIV OFFICE NORTH WILKESBORO

LENGTH = 1.492 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : OCT 01 2013

NC-88 FROM NC-194 TO US-221 BUS IN JEFFERSON.

ROADWAY ITEMS					
			5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			2	EA	GENERIC DRAINAGE ITEM BICYCLE SAFE STEEL GRATE AND FRAME
Lump Sum	LS	MOBILIZATION			
1	EA	SEALING ABANDONED WELLS			
17,500	CY	UNCLASSIFIED EXCAVATION			
1,000	CY	SHALLOW UNDERCUT			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
1,425	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
1,900	TON	CLASS IV SUBGRADE STABILIZATION	870	LF	***X *** CONCRETE CURB (9" X 12")
410	CY	DRAINAGE DITCH EXCAVATION	4,640	LF	2'-6" CONCRETE CURB & GUTTER
2,300	CY	SELECT GRANULAR MATERIAL	425	LF	SHOULDER BERM GUTTER
2,400	SY	FABRIC FOR SOIL STABILIZATION	1,380	SY	4" CONCRETE SIDEWALK
330	SF	TEMPORARY SHORING	400	SY	6" CONCRETE DRIVEWAY
100	CY	GENERIC GRADING ITEM STOCKPILING OF CONTAMINATED SOIL	220	SY	4" CONCRETE PAVED DITCH
			16	EA	GENERIC PAVING ITEM CONCRETE CURB RAMPS
1,200	SY	GENERIC GRADING ITEM GEOTEXTILE FOR PAVEMENT STABILIZATION	1,362.5	LF	STEEL BM GUARDRAIL
			250	LF	STEEL BM GUARDRAIL, SHOP CURVED
590	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	10	EA	ADDITIONAL GUARDRAIL POSTS
2,383	SY	FOUNDATION CONDITIONING FABRIC	3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2,312	LF	15" DRAINAGE PIPE	11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
600	LF	18" DRAINAGE PIPE	250	LF	REMOVE EXISTING GUARDRAIL
480	LF	24" DRAINAGE PIPE	480	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 48" FABRIC ON RETAINING WALL
176	LF	36" DRAINAGE PIPE	40	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL LINE POSTS FOR 48" CHAIN LINK FENCE
80	LF	15" SIDE DRAIN PIPE	2	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
56	LF	18" SIDE DRAIN PIPE	42	TON	RIP RAP, CLASS B
136	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.168")	1,415	SY	FILTER FABRIC FOR DRAINAGE
36	LF	15" CS PIPE CULVERTS, 0.064" THICK	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
8	LF	18" CS PIPE CULVERTS, 0.064" THICK	901	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
44	LF	24" CS PIPE CULVERTS, 0.064" THICK	4	EA	SIGN ERECTION, TYPE D
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	22	EA	SIGN ERECTION, TYPE E
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	11	EA	SIGN ERECTION, TYPE F
500	LF	PIPE REMOVAL	39	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
500	TON	STABILIZER AGGREGATE	15	EA	DISPOSAL OF SIGN SYSTEM, WOOD
150	TON	INCIDENTAL STONE BASE	617	SF	WORK ZONE SIGNS (STATIONARY)
9,150	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")	211	SF	WORK ZONE SIGNS (PORTABLE)
4,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	209	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	2	EA	CHANGEABLE MESSAGE SIGN
6,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	250	EA	DRUMS
695	TON	ASPHALT BINDER FOR PLANT MIX	25	EA	CONES
175	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	160	LF	BARRICADES (TYPE III)
67.2	CY	SUBDRAIN EXCAVATION	360	MD	FLAGGER
50.4	CY	SUBDRAIN FINE AGGREGATE	1	EA	TMIA
300	LF	6" PERFORATED SUBDRAIN PIPE	500	LF	WATER FILLED BARRIER
1	EA	SUBDRAIN PIPE OUTLETS	16	HR	LAW ENFORCEMENT
6	LF	6" OUTLET PIPE (SUBDRAINS)	40	EA	SKINNY DRUM
4	CY	ENDWALLS	170	EA	TEMPORARY RAISED PAVEMENT MARKERS
8.3	CY	REINFORCED ENDWALLS	190	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	CY	PIPE COLLARS	109	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
44	CY	FLOWABLE FILL	176	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
50	EA	MASONRY DRAINAGE STRUCTURES	91,600	LF	PAINT PAVEMENT MARKING LINES (4")
13	LF	MASONRY DRAINAGE STRUCTURES	400	LF	PAINT PAVEMENT MARKING LINES (8")
16	EA	FRAME WITH TWO GRATES, STD 840.24	30	LF	PAINT PAVEMENT MARKING LINES (24")
3	EA	FRAME WITH TWO GRATES, STD 840.29	15	EA	PAINT PAVEMENT MARKING SYMBOL

CULVERT ITEMS

42,408	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (86+21.00-L-)
1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	37	TON	RIP RAP, CLASS B
210	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	TON	RIP RAP CLASS II (2'-0" THICK)
38	LF	2" WATER LINE			
3,187	LF	6" WATER LINE			***** BEGIN SCHEDULE IA *****
1	EA	2" VALVE			***** (2 ALTERNATES) *****
13	EA	6" VALVE	Lump Sum	LS	PRECAST REINFORCED CONC BOX
7	EA	RELOCATE WATER METER			CULVERT AT STA *****
6	EA	RECONNECT WATER METER	55	TON	(86+21.00-L-)
4	EA	RELOCATE FIRE HYDRANT			FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
50	LF	8" SANITARY GRAVITY SEWER			*** OR ***
1	EA	4' DIA UTILITY MANHOLE	52	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
2,895	LF	ABANDON 6" UTILITY PIPE			
13,000	LF	TEMPORARY SILT FENCE	79.2	CY	CLASS A CONCRETE (CULVERT)
1,200	TON	STONE FOR EROSION CONTROL, CLASS A	11,334	LB	REINFORCING STEEL (CULVERT)
660	TON	STONE FOR EROSION CONTROL, CLASS B			*** END SCHEDULE IA ***
1,170	TON	SEDIMENT CONTROL STONE			
9.5	ACR	TEMPORARY MULCHING			WALL ITEMS
250	LB	SEED FOR TEMPORARY SEEDING	4,320	SF	SOLDIER PILE RETAINING WALLS
2	TON	FERTILIZER FOR TEMPORARY SEEDING			
900	LF	TEMPORARY SLOPE DRAINS			
18	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
1,100	LF	SAFETY FENCE			
1,850	CY	SILT EXCAVATION			
13,000	SY	MATting FOR EROSION CONTROL			
1,575	SY	COIR FIBER MAT			
650	SY	PERMANENT SOIL REINFORCEMENT MAT			
3,125	LF	1/4" HARDWARE CLOTH			
100	LF	*** TEMPORARY PIPE (24")			
220	SY	FLOATING TURBIDITY CURTAIN			
8	EA	SPECIAL STILLING BASINS			
1,500	LF	COIR FIBER WATTLE			
650	LB	POLYACRYLAMIDE (PAM)			
460	LF	COIR FIBER BAFFLE			
6	EA	*** SKIMMER (1-1/2")			
9	ACR	SEEDING & MULCHING			
3	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING			
4.75	TON	FERTILIZER TOPDRESSING			
160	LF	IMPERVIOUS DIKE			
100	MHR	SPECIALIZED HAND MOWING			
100	EA	RESPONSE FOR EROSION CONTROL			
0.25	ACR	REFORESTATION			
2	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION WITH COUNT-DOWN)			
1,805	LF	SIGNAL CABLE			
13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
695	LF	MESSENGER CABLE (3/8")			
85	LF	PAVED TRENCHING (*****) (1, 2")			
735	LF	UNPAVED TRENCHING (*****) (1, 2")			
10	EA	JUNCTION BOX (STANDARD SIZE)			
1,495	LF	INDUCTIVE LOOP SAWCUT			
2,660	LF	LEAD-IN CABLE (*****) (14-2)			
8	EA	METAL STRAIN SIGNAL POLE			
8	EA	SOIL TEST			
48	CY	DRILLED PIER FOUNDATION			
2	EA	SIGNAL CABINET FOUNDATION			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
9	EA	DETECTOR CARD (TYPE 2070L)			
2	EA	CABINET BASE EXTENDER			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 039

CONTRACT ID : C202729 33708.3.1

DIV OFFICE SHELBY

LENGTH = 0.222 MI

COUNTY : CATAWBA

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2012

BRIDGE OVER I-40 AND APPROACHES ON NC-16.

ROADWAY ITEMS					
			2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			3	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	1,570	LF	2'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	CONSTRUCTION SURVEYING	830	SY	4" CONCRETE SIDEWALK
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (24+46.07-L-)	150	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
100	CY	SHALLOW UNDERCUT	1,537.5	LF	STEEL BM GUARDRAIL
Lump Sum	LS	GRADING	1,537.5	LF	STEEL BM GUARDRAIL, DOUBLE FACED
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	5	EA	ADDITIONAL GUARDRAIL POSTS
250	CY	UNDERCUT EXCAVATION	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
200	TON	CLASS IV SUBGRADE STABILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
540	CY	DRAINAGE DITCH EXCAVATION	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
950	SY	FABRIC FOR SOIL STABILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
143	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2,582	LF	REMOVE EXISTING GUARDRAIL
450	SY	FOUNDATION CONDITIONING FABRIC	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
196	LF	15" SIDE DRAIN PIPE	9	TON	RIP RAP, CLASS B
244	LF	**** RC PIPE CULVERTS, CLASS (18", V)	495	SY	FILTER FABRIC FOR DRAINAGE
84	LF	15" RC PIPE CULVERTS, CLASS III	105	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
204	LF	18" RC PIPE CULVERTS, CLASS IV	3	EA	SIGN ERECTION, TYPE E
392	LF	24" RC PIPE CULVERTS, CLASS IV	4	EA	SIGN ERECTION, TYPE F
92	LF	15" CS PIPE CULVERTS, 0.064" THICK	9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
120	LF	18" CS PIPE CULVERTS, 0.064" THICK	404	SF	WORK ZONE SIGNS (STATIONARY)
16	LF	24" CS PIPE CULVERTS, 0.064" THICK	558	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	157	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	240	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
1,069	LF	PIPE REMOVAL	510	EA	DRUMS
2	EA	PIPE CLEAN-OUT	115	LF	BARRICADES (TYPE III)
100	TON	INCIDENTAL STONE BASE	2	EA	TEMPORARY CRASH CUSHIONS
710	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	EA	TMIA
2,420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	670	LF	PORTABLE CONCRETE BARRIER
520	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	480	HR	LAW ENFORCEMENT
1,010	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	52	EA	TEMPORARY RAISED PAVEMENT MARKERS
510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	18,452	LF	PAINT PAVEMENT MARKING LINES (6")
600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4,650	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	4,612	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
280	TON	ASPHALT BINDER FOR PLANT MIX	4,612	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
45	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	93	EA	SNOWPLOWABLE PAVEMENT MARKERS
800	SY	GENERIC PAVING ITEM MILLING CONCRETE PAVEMENT, 0" TO 1-1/2" DEPTH	2,650	LF	TEMPORARY SILT FENCE
56	CY	SUBDRAIN EXCAVATION	270	TON	STONE FOR EROSION CONTROL, CLASS A
42	CY	SUBDRAIN FINE AGGREGATE	290	TON	STONE FOR EROSION CONTROL, CLASS B
250	LF	6" PERFORATED SUBDRAIN PIPE	320	TON	SEDIMENT CONTROL STONE
1	EA	SUBDRAIN PIPE OUTLETS	5	ACR	TEMPORARY MULCHING
6	LF	6" OUTLET PIPE (SUBDRAINS)	200	LB	SEED FOR TEMPORARY SEEDING
1.79	CY	PIPE COLLARS	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
21	EA	MASONRY DRAINAGE STRUCTURES	500	LF	TEMPORARY SLOPE DRAINS
7.48	LF	MASONRY DRAINAGE STRUCTURES	8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2	EA	FRAME WITH TWO GRATES, STD 840.16	1,000	LF	SAFETY FENCE
7	EA	FRAME WITH TWO GRATES, STD 840.22	550	CY	SILT EXCAVATION
			5,500	SY	MATTING FOR EROSION CONTROL
			10	SY	COIR FIBER MAT

800	SY	PERMANENT SOIL REINFORCEMENT MAT
950	LF	1/4" HARDWARE CLOTH
525	LF	WATTLE
140	LB	POLYACRYLAMIDE (PAM)
130	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
6	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.75	TON	FERTILIZER TOPDRESSING
30	MHR	SPECIALIZED HAND MOWING
30	EA	RESPONSE FOR EROSION CONTROL

WALL ITEMS

5,728	SF	MSE RETAINING WALLS
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STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+46.07-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,24+46.07-L-)
3	EA	PDA TESTING
3	EA	PDA ASSISTANCE
10,332	SF	REINFORCED CONCRETE DECK SLAB
7,864	SF	GROOVING BRIDGE FLOORS
229.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+46.07-L-)
33,941	LB	REINFORCING STEEL (BRIDGE)
1,650	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,103.75	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,850	LF	HP12X53 STEEL PILES
40	EA	PILE REDRIVES
435.385	LF	THREE BAR METAL RAIL
40	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 040

CONTRACT ID : C202876 41892.3.1

DIV OFFICE SYLVA

LENGTH = 3.500 MI

COUNTY : JACKSON

PAVEMENT REHABILITATION.

DBE GOAL 11.0% COMPLETION DATE : OCT 15 2012

US-23/441 FROM EAST OF SR-1310 TO SR-1365.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
14	SMI	SHOULDER RECONSTRUCTION
91,135	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
124,128	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
29,927	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
22,326	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,626	TON	ASPHALT BINDER FOR PLANT MIX
14	EA	GENERIC DRAINAGE ITEM REPLACE CONCRETE APRON
33	EA	GENERIC DRAINAGE ITEM SEAL EXISTING DROP INLET
9,500	LF	STEEL BM GUARDRAIL
175	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
16	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
9,656.25	LF	REMOVE EXISTING GUARDRAIL
288	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
1	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
80	EA	DRUMS
1	EA	TMA
220	EA	SKINNY DRUM
80,028	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
9,706	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
54	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
84,630	LF	PAINT PAVEMENT MARKING LINES (4")
846	EA	SNOWPLOWABLE PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 041

CONTRACT ID : C202877 41893.3.1

DIV OFFICE SYLVA

LENGTH = 5.000 MI

COUNTY : JACKSON

PAVEMENT REHABILITATION.

DBE GOAL 9.0% COMPLETION DATE : OCT 15 2012

US-23/74 FROM US-23 BUS TO SR-1705 PAVEMENT REHAB.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
21.84	SMI	SHOULDER RECONSTRUCTION
104,960	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
83,894	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
9,019	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (8")
4,211	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,656	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
36,820	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,419	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
24,576	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,561	TON	ASPHALT BINDER FOR PLANT MIX
105,600	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
432	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW BOARD
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
100	EA	DRUMS
2	EA	TMA
600	EA	SKINNY DRUM
113,379	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
13,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,011	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
480	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
84	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
117,478	LF	PAINT PAVEMENT MARKING LINES (4")
340	LF	PAINT PAVEMENT MARKING LINES (8")
752	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L120117 042

CONTRACT ID : C202899 45438.3.13

DIV OFFICE SYLVA

LENGTH = 0.270 MI

COUNTY : HAYWOOD

BRIDGE PRESERVATION.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGES #124, 142, 171, 205, AND 208 ON I-40.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
224	SF	WORK ZONE SIGNS (PORTABLE)
1	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
60	EA	DRUMS
240	HR	FLAGGER
1	EA	TMA
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING BRIDGE #124
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING BRIDGE #142
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING BRIDGE #171
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING BRIDGE #205
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING BRIDGE #208
Lump Sum	LS	GENERIC STRUCTURE ITEM DECK DRAIN MODIFICATION
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
Lump Sum	LS	GENERIC STRUCTURE ITEM UNDERSTRUCTURE WORK PLATFORM
476	LF	GENERIC STRUCTURE ITEM EPOXY RESIN INJECTION
143	CF	GENERIC STRUCTURE ITEM CONCRETE REPAIRS
408	CF	GENERIC STRUCTURE ITEM SHOTCRETE REPAIRS
5,785	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL REPAIRS
200	EA	GENERIC STRUCTURE ITEM BOLT REMOVAL AND REPLACEMENT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L120221 001

CONTRACT ID : C200800 34418.3.5

DIV OFFICE GREENSBORO

LENGTH = 13.231 MI

COUNTY : GUILFORD, ROCKINGHAM

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

DBE GOAL 13.0% COMPLETION DATE : DEC 27 2016

US-220 FROM SR-2182 (HORSEPEN CREEK RD) TO EXISTING NC-68 & US-220 INTERSECTION.

ROADWAY ITEMS						
			35	EA	*** SIDE DRAIN PIPE ELBOWS (15")	
			22	EA	*** SIDE DRAIN PIPE ELBOWS (18")	
Lump Sum	LS	MOBILIZATION	10	EA	*** SIDE DRAIN PIPE ELBOWS (24")	
Lump Sum	LS	CONSTRUCTION SURVEYING				
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	2	EA	*** SIDE DRAIN PIPE ELBOWS (36")	
7	ACR	SUPPLEMENTARY CLEARING & GRUBBING	16	LF	12" RC PIPE CULVERTS, CLASS III	
9	EA	SEALING ABANDONED WELLS				
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (10+65.063 -Y10-)	4,264	LF	15" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+43.200 US 220 SB RAMP)	5,000	LF	18" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (114+28.00-L-NB)	2,748	LF	24" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (114+28.00-L-SB)	1,424	LF	30" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (114+28.00-L-SB)	668	LF	36" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (134+30.00-L-NB)	368	LF	42" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (134+30.00-L-SB)	292	LF	48" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (134+30.00-L-SB)	1,052	LF	54" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+24.670 US 220 SB RAMP)	240	LF	66" RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+37.000 -L REV- NBL)	112	LF	**** RC PIPE CULVERTS, CLASS IV (48")	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+37.000 -L REV- SBL)	8,420	LF	15" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (45+30.610 -L REV- NBL)	1,196	LF	18" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (45+30.610 -L REV- SBL)	804	LF	24" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (45+30.610 -L REV- SBL)	452	LF	30" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (45+30.610 -L REV- SBL)	344	LF	36" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (45+30.610 -L REV- SBL)	380	LF	42" RC PIPE CULVERTS, CLASS IV	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (45+30.610 -L REV- SBL)	2	EA	*** PIPE END SECTION (15")	
33,860	CY	UNDERCUT EXCAVATION	176	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.064")	
8,300	CY	SHALLOW UNDERCUT	136	LF	*** CAA PIPE CULVERTS, ***** THICK (72", 0.168")	
16,550	TON	CLASS IV SUBGRADE STABILIZATION	120	LF	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	
18,200	CY	DRAINAGE DITCH EXCAVATION	32	LF	*** CS PIPE CULVERTS, ***** THICK (48", 0.109")	
4,255	LF	BERM DITCH CONSTRUCTION	160	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.168")	
104,515	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,852	LF	15" CS PIPE CULVERTS, 0.064" THICK	
40,940	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	160	LF	18" CS PIPE CULVERTS, 0.064" THICK	
120	HR	PROOF ROLLING	240	LF	30" CS PIPE CULVERTS, 0.079" THICK	
29,320	CY	SELECT GRANULAR MATERIAL	31	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	
68,920	SY	FABRIC FOR SOIL STABILIZATION	7	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	
18,509	SF	TEMPORARY SHORING	4	EA	*** CS PIPE ELBOWS, ***** THICK (30", 0.079")	
24,020	TON	ROCK EMBANKMENTS	2	EA	*** CS PIPE ELBOWS, ***** THICK (36", 0.079")	
5,400	SY	ROCK PLATING	96	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (18", 0.5", B)	
100	CY	GENERIC GRADING ITEM EXCAVATION AND STOCKPILING CONTAMINATED SOIL	260	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (24", 0.5", B)	
1,675	SY	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION	340	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (36", 0.5", B)	
11,650	SY	GENERIC GRADING ITEM FILTER FABRIC FOR ROCK EMBANKMENT				
Lump Sum	LS	GENERIC GRADING ITEM SUBGRADE IMPROVEMENT FIELD TEST				
6,140	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS				
19,210	SY	FOUNDATION CONDITIONING FABRIC				
3,100	LF	*** SIDE DRAIN PIPE (30")				
180	LF	*** SIDE DRAIN PIPE (36")				
11,576	LF	15" SIDE DRAIN PIPE				
6,924	LF	18" SIDE DRAIN PIPE				
4,088	LF	24" SIDE DRAIN PIPE				

			5,159	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			44	EA	GENERIC PAVING ITEM
					CONCRETE CURB RAMPS
172	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (42", 0.625", B)	3	EA	ADJUSTMENT OF CATCH BASINS
			4	EA	ADJUSTMENT OF MANHOLES
108	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** IN SOIL (54", 0.75", B)	11	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			34,962.5	LF	STEEL BM GUARDRAIL
50	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE ** NOT IN SOIL (42", 0.625", B)	862.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
			16	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
88	LF	GENERIC PIPE ITEM	20	EA	ADDITIONAL GUARDRAIL POSTS
		15" CS SLOTTED DRAIN, 0.064" THICK	11	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	EA	GENERIC PIPE ITEM	30	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
		15" FLAP GATE	8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
11,545	LF	PIPE REMOVAL	89	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
12	EA	PIPE CLEAN-OUT	8	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
510	SY	6" SLOPE PROTECTION	49	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
Lump Sum	LS	FINE GRADING	6,366	LF	REMOVE EXISTING GUARDRAIL
10,050	TON	#57 STONE	3,750	LF	TEMPORARY STEEL BM GUARDRAIL
500	TON	STABILIZER AGGREGATE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (W-BEAM)
46,700	TON	AGGREGATE BASE COURSE	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
6,310	TON	INCIDENTAL STONE BASE	21,400	LF	DOUBLE FACED CABLE GUIDERAIL
15,000	GAL	PRIME COAT	10	EA	ADDITIONAL GUIDERAIL POSTS
11,080	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	131	EA	CABLE GUIDERAIL ANCHOR UNITS
			95,220	LF	WOVEN WIRE FENCE, 47" FABRIC
7,280	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	5,800	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
25,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,870	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
640	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,310	LF	CHAIN LINK FENCE, 48" FABRIC
390	EA	RIGHT OF WAY MARKERS	112	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
4,915	CY	SUBDRAIN EXCAVATION	10	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
2,460	CY	SUBDRAIN FINE AGGREGATE	6	EA	METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (48")
14,830	LF	6" PERFORATED SUBDRAIN PIPE	6	EA	SINGLE GATES, *** HIGH, *** WIDE, ** OPENING (48", 16', 16')
31	EA	SUBDRAIN PIPE OUTLETS	115	LF	GENERIC FENCING ITEM
204	LF	6" OUTLET PIPE (SUBDRAINS)			PEDESTRIAN SAFETY RAIL
55	TON	BLOTTING SAND	2,530	TON	RIP RAP, CLASS I
83.8	CY	ENDWALLS	110	TON	RIP RAP, CLASS II
42.5	CY	REINFORCED ENDWALLS	5,690	TON	RIP RAP, CLASS B
41.67	CY	PIPE COLLARS	43,320	SY	FILTER FABRIC FOR DRAINAGE
8.14	CY	PIPE PLUGS	4	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
686	CY	FLOWABLE FILL	1	EA	GENERIC EROSION CONTROL ITEM
475	EA	MASONRY DRAINAGE STRUCTURES	8	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
52.18	CY	MASONRY DRAINAGE STRUCTURES	2	CY	PLAIN CONCRETE SIGN FOUNDATIONS
197.2	LF	MASONRY DRAINAGE STRUCTURES	84	CY	OVERHEAD FOOTING
14	EA	FRAME WITH GRATE, STD 840.22	5,793	LB	SUPPORTS, BREAKAWAY STEEL BEAM
51	EA	FRAME WITH TWO GRATES, STD 840.16	2,440	LB	SUPPORTS, SIMPLE STEEL BEAM
29	EA	FRAME WITH TWO GRATES, STD 840.20	6,928	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
206	EA	FRAME WITH TWO GRATES, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (26+40 -L REV-)
18	EA	FRAME WITH TWO GRATES, STD 840.24	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (27+40 -L REV-)
75	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (33+60 -L REV-)
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (35+40 -L REV-)
32	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (41+60 -L REV-)
33	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (50+00 -L REV-)
31	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (75+00 -L REV-)
5	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	26	EA	SIGN ERECTION, TYPE D
51	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLETS	412	EA	SIGN ERECTION, TYPE E
2	EA	*** SLUICE GATE (25")	90	EA	SIGN ERECTION, TYPE F
3	EA	*** SLUICE GATE (38-3/4")			
5	EA	GENERIC DRAINAGE ITEM			
		TEMPORARY CONCRETE LIDS			
2,280	LF	***X *** CONCRETE CURB (8" X 18")			
21,740	LF	1'-6" CONCRETE CURB & GUTTER			
14,060	LF	2'-6" CONCRETE CURB & GUTTER			
14,100	LF	SHOULDER BERM GUTTER			
2,040	LF	CONCRETE EXPRESSWAY GUTTER			
370	LF	CONCRETE VALLEY GUTTER			
6,860	SY	4" CONCRETE SIDEWALK			
840	SY	6" CONCRETE DRIVEWAY			
250	SY	4" CONCRETE PAVED DITCH			
85	SY	4" CONCRETE ISLAND COVERS			
20,890	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			

			1	EA	GENERIC UTILITY ITEM		
					TEMPORARY WATER LINE SUPPORT		
		82,800	LF		TEMPORARY SILT FENCE		
10	EA		32,450	TON	STONE FOR EROSION CONTROL, CLASS A		
					STONE FOR EROSION CONTROL, CLASS B		
3	EA		20,825	TON	STONE FOR EROSION CONTROL, CLASS B		
					SEDIMENT CONTROL STONE		
					TEMPORARY MULCHING		
23	EA		380	ACR	TEMPORARY MULCHING		
					SEED FOR TEMPORARY SEEDING		
					FERTILIZER FOR TEMPORARY SEED- ING		
4	EA		11,900	LB	SEED FOR TEMPORARY SEEDING		
					FERTILIZER FOR TEMPORARY SEED- ING		
					TEMPORARY SLOPE DRAINS		
2	EA		36,875	LF	TEMPORARY SLOPE DRAINS		
					INLET PROTECTION AT TEMPORARY SLOPE DRAINS		
					SAFETY FENCE		
307	EA		3,000	LF	SAFETY FENCE		
					SILT EXCAVATION		
					MATTING FOR EROSION CONTROL		
3	EA		141,300	CY	SILT EXCAVATION		
					COIR FIBER MAT		
27	EA		352,200	SY	MATTING FOR EROSION CONTROL		
					PERMANENT SOIL REINFORCEMENT MAT		
793	SF		17,970	SY	COIR FIBER MAT		
1,124	SF		21,675	SY	PERMANENT SOIL REINFORCEMENT MAT		
2,705	SF		29,500	LF	1/4" HARDWARE CLOTH		
					*** TEMPORARY PIPE (72")		
					FLOATING TURBIDITY CURTAIN		
2	EA		7,800	SY	FLOATING TURBIDITY CURTAIN		
					STILLING BASINS		
1,680	DAY		1,130	CY	STILLING BASINS		
					SPECIAL STILLING BASINS		
					COIR FIBER WATTLE		
1,010	EA		40	EA	SPECIAL STILLING BASINS		
					POLYACRYLAMIDE (PAM)		
200	EA		15,320	LF	COIR FIBER WATTLE		
					COIR FIBER BAFFLE		
2,940	LF		16,700	LB	POLYACRYLAMIDE (PAM)		
2,880	MD		38,750	LF	COIR FIBER BAFFLE		
					*** SKIMMER (1-1/2")		
20	EA		60	EA	*** SKIMMER (1-1/2")		
					*** SKIMMER (2")		
6	EA		8	EA	*** SKIMMER (2")		
					*** SKIMMER (2-1/2")		
4	EA		5	EA	*** SKIMMER (2-1/2")		
					*** SKIMMER (3")		
6,140	LF		4	EA	*** SKIMMER (3")		
1,960	LF				SEEDING & MULCHING		
					MOWING		
1,040	LF		315	ACR	SEEDING & MULCHING		
					SEED FOR REPAIR SEEDING		
360	LF		380	ACR	MOWING		
					FERTILIZER FOR REPAIR SEEDING		
2,665	EA		7,520	LB	SEED FOR REPAIR SEEDING		
					SEED FOR SUPPLEMENTAL SEEDING		
9,689	LF		16	TON	FERTILIZER FOR REPAIR SEEDING		
					FERTILIZER TOPDRESSING		
1,976	LF		7,530	LB	SEED FOR SUPPLEMENTAL SEEDING		
					IMPERVIOUS DIKE		
3,922	LF		225	TON	FERTILIZER TOPDRESSING		
					SPECIALIZED HAND MOWING		
70	EA		1,300	LF	IMPERVIOUS DIKE		
					RESPONSE FOR EROSION CONTROL		
432	EA		500	MHR	SPECIALIZED HAND MOWING		
					CULVERT DIVERSION CHANNEL		
					REFORESTATION		
					PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)		
5,560	LF		30,330	LF	SIGNAL CABLE		
					VEHICLE SIGNAL HEAD (12", 3 SECTION)		
1,070,768	LF		187	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)		
					VEHICLE SIGNAL HEAD (12", 4 SECTION)		
11,368	LF		13	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)		
					VEHICLE SIGNAL HEAD (12", 5 SECTION)		
6,480	LF		6,596	LF	MESSANGER CABLE (1/4")		
					MESSANGER CABLE (3/8")		
4	EA		12,270	LF	MESSANGER CABLE (3/8")		
					TRACER WIRE		
370	EA		23,685	LF	TRACER WIRE		
					UNPAVED TRENCHING (***** (1, 2")		
28,000	LF		13,810	LF	UNPAVED TRENCHING (***** (1, 2")		
					UNPAVED TRENCHING (***** (2, 2")		
28	EA		22,578	LF	UNPAVED TRENCHING (***** (2, 2")		
					DIRECTIONAL DRILL (***** (1, 2")		
3,953	EA		510	LF	DIRECTIONAL DRILL (***** (1, 2")		
					DIRECTIONAL DRILL (***** (2, 2")		
142	EA		1,067	LF	DIRECTIONAL DRILL (***** (2, 2")		
48	EA		53	EA	JUNCTION BOX (STANDARD SIZE)		
20	EA		45	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)		
					WOOD POLE		
20	EA		61	EA	WOOD POLE		
					GUY ASSEMBLY		
Lump Sum	LS		143	EA	GUY ASSEMBLY		
214	LF		2	EA	*** RISER WITH ***** (1-1/4", WEATHERHEAD)		
361	LF				1/2" RISER WITH WEATHERHEAD		
99	LF		4	EA	1/2" RISER WITH WEATHERHEAD		
					1" RISER WITH WEATHERHEAD		
2	EA		13	EA	1" RISER WITH WEATHERHEAD		
					2" RISER WITH WEATHERHEAD		
2	EA		56	EA	2" RISER WITH WEATHERHEAD		
					2" RISER WITH HEAT SHRINK TUBING		
1	EA		4	EA	2" RISER WITH HEAT SHRINK TUBING		
					INDUCTIVE LOOP SAWCUT		
1	EA		35,850	LF	INDUCTIVE LOOP SAWCUT		
					LEAD-IN CABLE (***** (14-2)		
2	EA		85,650	LF	LEAD-IN CABLE (***** (14-2)		
10	EA				COMMUNICATIONS CABLE (**FIBER) (24)		
8	EA		7,000	LF	COMMUNICATIONS CABLE (**FIBER) (24)		
					COMMUNICATIONS CABLE (**FIBER) (72)		
120	LF		24,816	LF	COMMUNICATIONS CABLE (**FIBER) (72)		
					DROP CABLE		
6	EA		2,621	LF	DROP CABLE		
					SPLICE ENCLOSURE		
1	EA		6	EA	SPLICE ENCLOSURE		
					INTERCONNECT CENTER		
					DELINEATOR MARKER		
					DELINEATOR MARKER		

			96,620	GAL	ASPHALT CURING SEAL
			185,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2	EA	900MHZ WIRELESS RADIO SYSTEM	116,680	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
6,000	LF	REMOVE EXISTING COMMUNICATIONS CABLE	102,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
36	EA	METAL STRAIN SIGNAL POLE	22,230	TON	ASPHALT BINDER FOR PLANT MIX
36	EA	SOIL TEST	96,810	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
306	CY	DRILLED PIER FOUNDATION	10,360	LF	SHOULDER DRAIN
7	EA	SIGNAL PEDESTAL WITH FOUNDATION	10,360	LF	4" SHOULDER DRAIN PIPE
39	EA	SIGN FOR SIGNALS	670	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
9	EA	SIGNAL CABINET FOUNDATION	15	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
9	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	174,271	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
7	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)	103,293	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
92	EA	DETECTOR CARD (TYPE 2070L)	76,731	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
9	EA	CABINET BASE EXTENDER	12,228	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2	EA	BEACON CONTROLLER ASSEMBLY & CABINET (***** (F3)	6,519	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
7	EA	TRAFFIC SIGNAL REMOVAL	1,112	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
5	EA	GENERIC SIGNAL ITEM 30' WOOD POLE	1,965	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (II)
28	EA	GENERIC SIGNAL ITEM 5/8" X 10' GROUNDING ELECTRODE	3,077	LF	CURING COMPOUND REMOVAL, LINES
4	EA	GENERIC SIGNAL ITEM 60' WOOD POLE	5	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS
2	EA	GENERIC SIGNAL ITEM 900 MHZ WIRELESS ETHERNET RADIO			*** OR ***
4	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY	1,537,084	CY	UNCLASSIFIED EXCAVATION
1	EA	GENERIC SIGNAL ITEM CENTRAL ETHERNET SWITCH	717,390	CY	BORROW EXCAVATION
4	EA	GENERIC SIGNAL ITEM DIGITAL VIDEO DECODER	118,310	SY	LIME TREATED SOIL (SLURRY METHOD)
4	EA	GENERIC SIGNAL ITEM DIGITAL VIDEO ENCODER	1,200	TON	LIME FOR LIME TREATED SOIL
4	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT	19,000	TON	AGGREGATE FOR CEMENT TREATED BASE COURSE
4	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET	760	TON	PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE
4	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH	188,680	SY	SOIL CEMENT BASE
3	EA	GENERIC SIGNAL ITEM FUNISH WIRELESS LIGHTNING ARRESTOR	5,220	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM	2,030	TON	AGGREGATE FOR SOIL CEMENT BASE
4	EA	GENERIC SIGNAL ITEM LOCAL TRAFFIC SIGNAL SOFTWARE	83,520	GAL	ASPHALT CURING SEAL
4	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL	133,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2	EA	GENERIC SIGNAL ITEM MODIFY SPLICE ENCLOSURE	74,860	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
3	EA	GENERIC SIGNAL ITEM RELOCATE SOLAR POWERED FLASHER BEACON	62,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4	EA	GENERIC SIGNAL ITEM RELOCATE SOLAR POWERED SCHOOL FLASHER	9,120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
6	EA	GENERIC SIGNAL ITEM SOLAR POWERED FLASHER BEACON	16,630	TON	ASPHALT BINDER FOR PLANT MIX
2	EA	GENERIC SIGNAL ITEM SOLAR POWERED, 900 MHZ WIRELESS ETHERNET REPEATER RADIO	16,690	TON	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-57
280	LF	GENERIC SIGNAL ITEM #4 SOLID BARE COPPER GROUNDING CONDUCTOR	6,770	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
358	LF	GENERIC SIGNAL ITEM 3-WIRE #12 COPPER FEEDER CONDUCTORS	182,150	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (11-1/2")
66	LF	GENERIC SIGNAL ITEM 3-WIRE #3 COPPER SERVICE ENTRANCE CONDUCTORS	52,160	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (11-1/2")
			62,020	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (8-1/2")
			90,050	LF	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (CONCRETE SHOULDER)
			Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT
			Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
			47,610	LF	SHOULDER DRAIN
			47,610	LF	4" SHOULDER DRAIN PIPE
			2,540	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
1,656,635	CY	UNCLASSIFIED EXCAVATION	50	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
659,050	CY	BORROW EXCAVATION	160,029	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
136,010	SY	LIME TREATED SOIL (SLURRY METHOD)	101,453	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,380	TON	LIME FOR LIME TREATED SOIL	1,391	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
130,100	TON	AGGREGATE FOR CEMENT TREATED BASE COURSE	390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
5,210	TON	PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE	945	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
229,960	SY	SOIL CEMENT BASE			
6,360	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE			
2,540	TON	AGGREGATE FOR SOIL CEMENT BASE			

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

17,182	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
87,725	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
6,037	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
111,239	LF	CURING COMPOUND REMOVAL, LINES
51	EA	CURING COMPOUND REMOVAL, SYM-BOLS & CHARACTERS

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (56+36.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (56+54.000-LREV-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (57+45.800-LREV-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (168+50.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (247+02.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (56+36.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (56+54.000-LREV-)
753	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,629.5	CY	CLASS A CONCRETE (CULVERT)
232,485	LB	REINFORCING STEEL (CULVERT)
40	TON	RIP RAP, CLASS ** (I)
Lump Sum	LS	GENERIC CULVERT ITEM PEDESTRIAN CULVERT CONDUIT SYSTEM
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINF CONC 3-SIDED CULVERT STA 57+45.800 -LREV-

WALL ITEMS

3,106	SF	MSE RETAINING WALLS
150	SF	SOLDIER PILE RETAINING WALLS
91,406	SF	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (134+30.00-L-LT)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (134+30.00-L-RT)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+37.000-LREV-LT)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+37.000-LREV-RT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (114+28.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (120+38.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (134+30.00-L-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+37.000-LREV-RT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (45+30.610-LREV-RT)

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,20+06.118-LREV-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,70+09.407-LREV-)
687	LF	PILE EXCAVATION IN SOIL
198.1	LF	4'-0" DIA DRILLED PIERS IN SOIL
85.3	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
842.9	LF	**1-**" DIA DRILLED PIERS (4'-6")
127.3	LF	PERMANENT STEEL CASING FOR **1-**" DIA DRILLED PIER (4'-6")
85.3	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
9	EA	SID INSPECTION
6	EA	SPT TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (134+30.00-L-LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+37.000-LREV-RT)
104,338	SF	REINFORCED CONCRETE DECK SLAB
109,757.2	SF	GROOVING BRIDGE FLOORS
1,639	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+43.200-SB US 220 RAMP-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (114+28.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (114+28.00-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (134+30.00-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (134+30.00-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+06.118-LREV-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+37.000-LREV-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+37.000-LREV-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (45+30.610-LREV-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (45+30.610-LREV-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (70+09.407-LREV-)
372,468	LB	REINFORCING STEEL (BRIDGE)
47,117	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,180.72	LF	45" PRESTRESSED CONCRETE GIRDERS
4,252.52	LF	54" PRESTRESSED CONCRETE GIRDERS
1,424,837	LS	APPROX LBS STRUCTURAL STEEL
7,393	LF	HP12X53 STEEL PILES
280	LF	HP12X53 GALVANIZED STEEL PILES
1,015	LF	HP14X73 GALVANIZED STEEL PILES
7	EA	STEEL PILE POINTS
563.32	LF	TWO BAR METAL RAIL
4,087.71	LF	CONCRETE BARRIER RAIL
593.32	LF	1'-**"X *****" CONCRETE PARAPET (1'-2" X 2'-6")
2,761	SY	4" SLOPE PROTECTION
3,477	TON	RIP RAP CLASS II (2'-0" THICK)
3,848	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA ***** (114+28.00-L-LT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA ***** (134+30.00-L-LT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA ***** (24+37.000-LREV-RT)

- 43 LF GENERIC STRUCTURE ITEM
30" CS PIPE, 0.168" THICK
- 7 EA GENERIC STRUCTURE ITEM
CSL TESTING