

**SPECIAL NOTICE**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, NC**

**DESIGN-BUILD REQUEST FOR QUALIFICATIONS (RFQ)**

The North Carolina Department of Transportation (NCDOT) is requesting interested design-build teams submit qualifications for a design-build project. The project is B-3663, which is the replacement of Bridge 320 over Shaws Creek on SR 1212; B-3665, which is the replacement of Bridge 265 over Dunn Creek on SR 1791; and B-3666, which is the replacement of Bridge 53 over North Branch Hungry River on SR 1799. All sites are located in Henderson County.

Interested parties should contact Mr. Randy Garris, PE for a formal package detailing the requirements for submitting the Qualification Package. The Qualification package must be received by 4:00 p.m., April 15, 2004 at the address shown below:

Mr. Randy Garris, PE  
NCDOT-Design Services Unit  
Century Center – Building B  
Entrance B2  
1020 Birch Ridge Drive  
Raleigh, NC 27610

All available project information is on the NCDOT website at [www.doh.dot.state.us](http://www.doh.dot.state.us) under "Doing Business with NCDOT". To request the Qualification package or for any questions concerning this RFQ or about the projects, please contact Mr. Randy Garris at (919) 250-4124, or via e-mail at [rgarris@dot.state.nc.us](mailto:rgarris@dot.state.nc.us).



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

March 23, 2004

NOTICE TO:

Plan Holders

FROM:

R. A. Garris, P.E.  
Contract Officer

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

SUBJECT:

Copies of Invoices Needed with Payment

To help insure that payments are accurately recorded, and to decrease processing time, the Department is requesting that a copy of each invoice be sent along with the corresponding payment. The Department will provide an additional copy of each invoice mailed for that purpose.

If you have any questions, please contact Kim Canady at (919) 250-4124 or e-mail her at [klcanady@dot.state.nc.us](mailto:klcanady@dot.state.nc.us).

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
DESIGN SERVICES UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4124  
FAX: 919-250-4127

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B15  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

March 19, 2004

NOTICE TO: All Prequalified Contractors

FROM: E. C. Powell, Jr. PE *E. C. Powell Jr.*  
State Construction Engineer

SUBJECT: Evaluation of Delays Due to Weather

Members of the highway contracting industry requested that the Department of Transportation consider extensions of the completion date due to delays caused by weather beyond that provided by the Standard Specifications. That request is based upon above normal rainfall during 2002 and 2003. The contracting industry has provided data to the Department regarding the effect of weather on the performance of work on a limited number of contracts. The Department's analysis of the data provided reflects that the effect of weather on work varied widely from contract to contract. Analysis of the data was inconclusive that the climatological variations in 2002 and 2003 were so extraordinary as to warrant an extension of contract time beyond that provided by the Standard Specifications.

The Department invites Contractors to submit data regarding the effect of weather on the performance of work on any highway contract for further consideration of the effects of above normal rainfall during 2002 and 2003. Data should be compiled in electronic format using the Excel worksheet titled "Weather Delay Reporting" that can be downloaded from the Internet @ [http://www.doh.dot.state.nc.us/operations/dp\\_chief\\_eng/constructionunit/](http://www.doh.dot.state.nc.us/operations/dp_chief_eng/constructionunit/) by selecting "Other Links of Interest". The worksheet is formatted to facilitate tabulation of the data and protected to preserve the formatting.

Contractors should submit data for 2002 and 2003 to the Resident Engineer by **June 1, 2004**. A copy of the data should also be submitted via an e-mail attachment to the following address: Phillip M. Watts, PE <pwatts@dot.state.nc.us>. Contractors should specifically state that the information is being submitted **not** as a request for extension of time but for use in evaluation of the contracting industry's request that the Department consider extensions of the completion date beyond that provided by the Standard Specifications. Resident Engineers will be provided specific procedures for comparison of the data with the Department's records and submission to the State Construction Engineer. This information will be utilized to determine if the effects of the weather conditions in 2002 and 2003 were so extraordinary as to warrant an extension of

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION UNIT  
1543 MAIL SERVICE CENTER  
RALEIGH NC 27699-1543

TELEPHONE: 919-733-2210  
FAX: 919-733-8441

WEBSITE: [WWW.DOT.STATE.NC.US](http://WWW.DOT.STATE.NC.US)

**LOCATION:**  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH NC

All Prequalified Contractors  
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March 19, 2004

contract time beyond that provided by the Standard Specifications and not for justification of a time extension for a specific contract.

Request for extension of the contract time due to delays to the controlling operation caused by weather or conditions resulting from weather should be submitted in accordance with Article 108-10(B)3 of the Standard Specifications. Since consideration of such requests is based upon delays that have occurred during the entire contract time, they should be submitted only after expiration of the contract time. When submitting such requests, Contractors should specifically state that the information is being submitted as a request for an extension of time. The Excel worksheet titled "Weather Delay Reporting" is formatted to allow data to be recorded for the period of 2000 through 2005 and can also be utilized for submission of such request for an extension of the contract time.

ECP

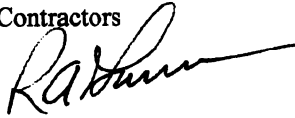


STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

January 20, 2004

NOTICE TO: All Prequalified Contractors  
FROM: R.A.Garris, P.E.   
Contract Officer  
Re: Electronic Bid Bond, Non-Collusion Affidavit, and Debarment Certification

As we move toward total electronic bid submittals, we are implementing the following changes effective with the March 16, 2004 formal highway letting.

1. The Department will require an electronic bid bond to be included with each electronic bid submission.
2. In order to comply with Federal and State laws and regulations, an original, properly executed **Non-Collusion Affidavit, and Debarment Certification** must be on file in the Contract Office from each prospective bidder prior to submitting an electronic bid. It will not be necessary that it be submitted with each bid and letting. The **Non-Collusion Affidavit, and Debarment Certification** filed with the Department will be valid for all bids submitted through the December 21, 2004 letting.

Properly executed forms shall be delivered to the Department no later than 5:00 p.m. the day prior to the advertised letting in which you intend to submit your first total electronic bid. Forms may be downloaded from the following web-site:

[http://www.doh.dot.state.nc.us/preconstruct/highway/dsn\\_srvc/contracts/letting.htm](http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm)

The form shall be placed in a sealed envelope with the Contractor name clearly labeled, and delivered to:

Physical Address:  
State Contract Officer  
Design Services Unit  
Century Center Bldg. B  
1020 Birch Ridge Drive  
Raleigh, NC 27610

Mailing Address:  
State Contract Officer  
NC Department of Transportation  
Contracts and Proposals  
1591 Mail Service Center  
Raleigh, NC 27699-1591

We will be formulating procedures for renewal in the near future and will involve the industry as they are developed.

If you have any questions, please do not hesitate to call me at (919) 250-4124.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
DESIGN SERVICES UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

TELEPHONE: 919-250-4124  
FAX: 919-250-4127

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B15  
1020 BIRCH RIDGE DRIVE  
RALEIGH, NC 27610




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

October 21, 2003

MEMORANDUM TO: Prime Contractors  
FROM: R. A. Garris, P. E.   
Contract Officer  
SUBJECT: Plan & Proposal Distribution Upon Award

Effective with the November 18, 2003 Letting, prime contractors who are awarded projects will be limited to the number of sets of plans that can be distributed free of charge. The limits are as follows:

Roadway Plans: (8) 22"x34", (16) 11"x17", (8) subsurface & (8) cross-sections  
Structure Plans: (10) 22"x34", (10) 11"x17", (10) subsurface  
Proposals (20)

Additional requests will be invoiced at the project's advertised price. Requests should be made to Kim Canady or Larry Strickland at 919-250-4124.

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NC DEPARTMENT OF TRANSPORTATION  
DESIGN SERVICES UNIT  
1591 MAIL SERVICE CENTER  
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RALEIGH NC 27610

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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON APRIL 20, 2004**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

1. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT  
[http://www.doh.dot.state.nc.us/preconstruct/highway/dsn\\_srvc/contracts/letting.htm](http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm)

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.doh.dot.state.nc.us/preconstruct/highway/dsn\\_srvc/contracts/letting.htm](http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm)

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).

**STATE PRIVILEGE LICENSE TAXES:** CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

**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 MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO 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 (919-250-4124), FAXING (919-250-4127), OR WRITING TO : PLANS AND PROPOSALS, DESIGN SERVICES 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 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS MARCH 23, 2004.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

## **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.



<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	D. R. Conner	113 AIRPORT DR. SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 830-3490
00003	H. A. Pope	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Anthony W. Roper , PE	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005	J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007	J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009	S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010	B. G. Payne	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A. Pettyjohn, PE	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L040420

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201175	37463	MARTIN	7.800 MI	WIDENING, DRAINAGE, RESURFACING, SHLDR RECONST & PVMT MRKGS.
002	C201176	37454	NORTHAMPTON	7.000 MI	WIDENING, DRAINAGE, MILL, RESURF, SHLDR RECONST & PVMT MRKG.
003	C201177	37453	BERTIE	7.150 MI	WIDEN, DRAINAGE, RESURF, SHLDR RECONST, GDRL & PVMT MRKGS.
004	C200782	32938.3.2	ONSLOW	0.341 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
005	C200783	33069.3.1	DUPLIN	0.334 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
006	C200867	34857.3.2	NEW HANOVER	3.748 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.
007	C201158	36796	ONSLOW	10.560 MI	MILLING, SHLDR RECONST, RESURFACING & PVT MARKINGS.
008	C201169	37000 ETC.	ONSLOW	7.620 MI	WIDENING, MILLING, RESURFACING, SHLDR RECONST & PVMT MRKGS.
009	C201170	37003	ONSLOW	8.890 MI	WIDENING, MILLING, RESURFACING, SHLDR RECONST & PVMT MRKGS.
010	C201171	36766 ETC.	ONSLOW, PENDER	12.800 MI	DRAINAGE, SHOULDER RECONSTRUCTION, MILLING & RESURFACING.
011	C201172	36764 ETC.	NEW HANOVER	14.780 MI	DRAINAGE, SHOULDER RECONSTRUCTION, & RESURFACING.
012	C201179	36778	COLUMBUS	16.830 MI	WIDENING, DRAINAGE, MILLING, GUARDRAIL & RESURFACING.
013	C201178	37207	COLUMBUS	11.760 MI	MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.
014	C200829	33176.3.1	CASWELL	0.160 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
015	C200835	33179.3.1	CASWELL	0.114 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
016	C200836	33196.3.2	GUILFORD	0.237 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
017	C200709	33067.3.1	DAVIDSON	0.298 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
018	C201132	37320.3.1	ROWAN, CABARRUS	18.800 MI	CLOSED LOOP SIGNAL SYSTEM
019	C201173	36863	DAVIDSON	5.495 MI	GRADING, WIDENING, RESURFACING & PVMT MARKINGS.
020	C200816	33158.3.2	ASHE	0.208 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
021	C200834	32865.3.1	ALEXANDER	0.229 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
022	C200814	33106.3.2	MADISON	0.081 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
023	C201174	36563	TRANSYLVANIA	0.000 MI	CLOSED LOOP SIGNAL SYSTEM

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 001

CONTRACT ID : C201175 37463

DIV OFFICE EDENTON

LENGTH = 7.800 MI

COUNTY : MARTIN

WIDENING, DRAINAGE, RESURFACING, SHLDR RECONST &amp; PVMT MRKGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 15 2005

NC-903 FROM NC-11 TO HALIFAX COUNTY LINE.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
32	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
8	LF	15" RC PIPE CULVERTS, CLASS III
12	LF	18" RC PIPE CULVERTS, CLASS III
140	LF	24" RC PIPE CULVERTS, CLASS III
92	LF	36" RC PIPE CULVERTS, CLASS III
50	LF	78" RC PIPE CULVERTS, CLASS III
780	TON	INCIDENTAL STONE BASE
15.6	SMI	SHOULDER RECONSTRUCTION
8,350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,945	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
14,752	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,430	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
106	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
500	TON	PATCHING EXISTING PAVEMENT
82,368	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
51,480	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
133,848	LF	PAINT PAVEMENT MARKING LINES (4")
515	EA	PERMANENT RAISED PAVEMENT MARKERS
15.6	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 002

CONTRACT ID : C201176 37454

DIV OFFICE EDENTON

LENGTH = 7.000 MI

COUNTY : NORTHAMPTON

WIDENING, DRAINAGE, MILL, RESURF, SHLDR RECONST &amp; PVMR MRKG.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 15 2005

US-301 FROM US-158 TO VIRGINIA STATE LINE.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
101	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
414	LF	18" RC PIPE CULVERTS, CLASS III
252	LF	24" RC PIPE CULVERTS, CLASS III
64	LF	30" RC PIPE CULVERTS, CLASS III
213	LF	42" RC PIPE CULVERTS, CLASS III
700	TON	INCIDENTAL STONE BASE
14	SMI	SHOULDER RECONSTRUCTION
98,560	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
7,258	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
18,319	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
10,672	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,814	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
133	TON	PATCHING EXISTING PAVEMENT
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.16
73,920	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
46,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
166,320	LF	PAINT PAVEMENT MARKING LINES (4")
462	EA	PERMANENT RAISED PAVEMENT MARKERS
10.2	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 003

CONTRACT ID : C201177 37453

DIV OFFICE EDENTON

LENGTH = 7.150 MI

COUNTY : BERTIE

WIDEN, DRAINAGE, RESURF, SHLDR RECONST, GDRL &amp; PVMT MRKGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 15 2005

NC-45 FROM US-17 TO NC-308.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
16	LF	42" RC PIPE CULVERTS, CLASS III
715	TON	INCIDENTAL STONE BASE
14.3	SMI	SHOULDER RECONSTRUCTION
7,534	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,550	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
10,901	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,145	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4	TON	PATCHING EXISTING PAVEMENT
712.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
10	TON	PLAIN RIP RAP, CLASS B
76,494	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
46,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
122,694	LF	PAINT PAVEMENT MARKING LINES (4")
472	EA	PERMANENT RAISED PAVEMENT MARKERS
8.7	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 004

CONTRACT ID : C200782 32938.3.2

DIV OFFICE WILMINGTON

LENGTH = 0.341 MI

COUNTY : ONSLOW

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : MAY 15 2006

BRIDGE OVER BEAR CREEK & APPROACHES ON SR-1503.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+15.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
3,500	CY	UNDERCUT EXCAVATION
5,000	CY	SELECT GRANULAR MATERIAL
1,575	SY	FABRIC FOR SOIL STABILIZATION
31	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
72	LF	15" SIDE DRAIN PIPE
44	LF	18" SIDE DRAIN PIPE
64	LF	24" SIDE DRAIN PIPE
44	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (12", 0.064")
60	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (18", 0.064")
6	EA	*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (12", 0.064")
181	LF	PIPE REMOVAL
1,200	TON	AGGREGATE BASE COURSE
300	TON	INCIDENTAL STONE BASE
870	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
610	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
1,320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
146	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	EA	METAL FUNNELS
8	LF	12" FUNNEL DRAIN PIPE
2	EA	12" FUNNEL DRAIN PIPE ELBOWS
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
260	LF	SHOULDER BERM GUTTER
400	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
250	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
420	LF	GENERIC FENCING ITEM SAFETY FENCE
8	TON	PLAIN RIP RAP, CLASS B
173	SY	FILTER FABRIC FOR DRAINAGE
410	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
145	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	WARNING FLAG SETS
90	EA	DRUMS
35	EA	CONES
120	LF	BARRICADES (TYPE III)
1,800	HR	FLAGGER
4	EA	WARNING LIGHTS (TYPE B)
156	EA	TEMPORARY RAISED PAVEMENT MARKERS
43,072	LF	PAINT PAVEMENT MARKING LINES (4")

1,600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
33	EA	PERMANENT RAISED PAVEMENT MARKERS
17	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)
17	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (II)
5	TON	PAVEMENT REPAIR FOR UTILITY WORK
276	LF	6" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
475	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
42	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
3	EA	3/4" CORPORATION STOP
1	EA	6" GATE VALVE & VALVE BOX, 200# WP
3	EA	***"X*** TAPPING SADDLE (6" X 3/4")
3	EA	RELOCATE EXISTING WATER METER
1	EA	RELOCATE EXISTING FIRE HYDRANT
2,600	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS A
1,000	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2,400	CY	SILT EXCAVATION
700	SY	SYNTHETIC ROVING
1,250	SY	MATTING FOR EROSION CONTROL
60	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
4.5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
3.25	TON	FERTILIZER TOPDRESSING
2.5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	WETLAND REFORESTATION
1	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (19+15.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+15.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (19+15.50-L-)
41.8	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+15.50-L-)
7,366	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
925	LF	12" PRESTRESSED CONC PILES
206	LF	CONCRETE BARRIER RAIL

186	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
209	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,539.38	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 005

CONTRACT ID : C200783 33069.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.334 MI

COUNTY : DUPLIN

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER NORTHEAST CAPE FEAR RIVER & APPROACHES ON SR-1827.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+33.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
1,450	CY	UNDERCUT EXCAVATION
25	CY	DRAINAGE DITCH EXCAVATION
200	SY	FABRIC FOR SOIL STABILIZATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
56	LF	18" SIDE DRAIN PIPE
52	LF	15" RC PIPE CULVERTS, CLASS III
88	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
60	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
29	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
1,060	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
660	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
123	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
3	EA	FRAME WITH TWO GRATES, STD 840.29
215	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
475	LF	REMOVE EXISTING GUARDRAIL
150	SY	FILTER FABRIC FOR DRAINAGE
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
393	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
134	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	WARNING FLAG SETS
20	EA	DRUMS
47	EA	CONES
120	LF	BARRICADES (TYPE III)
10	MD	FLAGGER
46	EA	TEMPORARY RAISED PAVEMENT MARKERS
21,180	LF	PAINT PAVEMENT MARKING LINES (4")
23	EA	PERMANENT RAISED PAVEMENT MARKERS
600	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
300	TON	STONE FOR EROSION CONTROL, CLASS B
125	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
65	LF	TEMPORARY SLOPE DRAINS

2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
750	CY	SILT EXCAVATION
700	SY	SYNTHETIC ROVING
1,100	SY	MATting FOR EROSION CONTROL
260	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
3.5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (24+33.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+33.00-L-)
11,941	SF	REINFORCED CONCRETE DECK SLAB
10,024	SF	GROOVING BRIDGE FLOORS
141.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+33.00-L-)
20,999	LB	REINFORCING STEEL (BRIDGE)
1,236.26	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
1,120	LF	HP12X53 STEEL PILES
810	LF	PP ** X **** STEEL PILES (32 X 0.625)
627.56	LF	CONCRETE BARRIER RAIL
345	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
385	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST



## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 006

CONTRACT ID : C200867 34857.3.2

DIV OFFICE WILMINGTON

LENGTH = 3.748 KM

COUNTY : NEW HANOVER

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS &amp; CULVERT.

DBE GOAL 10.0% COMPLETION DATE : OCT 01 2006

SR-1409 (MILITARY CUTOFF RD) FROM MULTI-LANES NORTH OF US-74 TO US-17.

## ROADWAY ITEMS

			17,800	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			22,940	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE II 9.0C
Lump Sum	LS	MOBILIZATION	1,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	CONSTRUCTION SURVEYING	21,790	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM BRICK ENTRANCE TO LANDFALL SUBDIVISION	1,984	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	0.4	HA	1,308	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
	4,220	M3	680	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
Lump Sum	LS	GRADING	276	M3	SUBDRAIN EXCAVATION
	650	MTN	207	M3	SUBDRAIN FINE AGGREGATE
	38,000	M3	500	M	150MM PERFORATED SUBDRAIN PIPE
	1,180	M3	50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
	8,840	M3	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	13,500	M2	8	M	150MM OUTLET PIPE (SUBDRAINS)
	20	M2	20	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
	40	M2	9.7	M3	ENDWALLS
97,000	L	GENERIC GRADING ITEM CONTAMINATED GROUNDWATER DISPOSAL	12.7	M3	REINFORCED ENDWALLS
	1,475	MTN	21.3	M3	PIPE COLLARS
	1,260	MTN	0.5	M3	PIPE PLUGS
	16.8	M	170	M3	FLOWABLE FILL
	931.6	M	147	EA	MASONRY DRAINAGE STRUCTURES
	918	M	11.99	M	MASONRY DRAINAGE STRUCTURES
	443.8	M	23	EA	FRAME WITH TWO GRATES, STD 840.16
	266.4	M	37	EA	FRAME WITH TWO GRATES, STD 840.24
	270	M	1	EA	FRAME WITH TWO GRATES, STD 840.29
	213.6	M	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	450	M	15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	63.6	M	47	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	15.6	M	4	EA	FRAME WITH COVER, STD 840.54
	47.2	M	5	EA	CONCRETE APRON FOR CATCH BASIN
			11	EA	CONCRETE APRON FOR DROP INLETS
	48	M	1	EA	***MM SLUICE GATE (600MM)
			1	EA	***MM SLUICE GATE (750MM)
	31.7	M	180	M	*** X ***MM CONCRETE CURB (600MM X 238MM)
			3,060	M	450MM CONCRETE CURB & GUTTER
			3,780	M	750MM CONCRETE CURB & GUTTER
	48	M	220	M2	CONCRETE WHEELCHAIR RAMPS
			70	M2	150MM CONCRETE DRIVEWAY
	145.2	M	2,970	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			1	EA	ADJUSTMENT OF CATCH BASINS
			1	EA	ADJUSTMENT OF DROP INLETS
			1	EA	ADJUSTMENT OF MANHOLES
	109.2	M	3	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
	100.8	M	259.08	M	STEEL BM GUARDRAIL
			10	EA	ADDITIONAL GUARDRAIL POSTS
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
	925.5	M	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
	40	EA	80	M	TEMPORARY STEEL BM GUARDRAIL
	1,200	KG	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			210	M	CHAIN LINK FENCE, 1200MM FABRIC
	550	MTN	58	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
	2,000	MTN			INCIDENTAL STONE BASE
	1,000	M2			INCIDENTAL MILLING
	1,860	MTN			ASPHALT CONC BASE COURSE, TYPE B25.0B

			402	M	200MM DI WATER PIPE, PC 2.41MPA
			130	M	300MM DI WATER PIPE, PC 2.41MPA
9	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	30	M	20MM COPPER WATER PIPE, TYPE K
4	EA	METAL GATE POSTS FOR ***** CHAIN LINK FENCE, DOUBLE GATE (1200MM)	385	M	200MM PVC WATER PIPE, SDR 21, 1.38MPA WP
2	EA	DOUBLE GATES, ***** HIGH, ***** WIDE, ***** OPENING (1200MM, 1800MM, 3600MM)	98	M	300MM PVC WATER PIPE, SDR 21, 1.38MPA WP
146	MTN	PLAIN RIP RAP, CLASS I	8,807	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
91	MTN	PLAIN RIP RAP, CLASS B	1	EA	20MM CORPORATION STOP
1,172	M2	FILTER FABRIC FOR DRAINAGE	1	EA	50MM CORPORATION STOP
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	6	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
7	EA	GENERIC EROSION CONTROL ITEM LOG VANES	7	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
1	M3	PLAIN CONCRETE SIGN FOOTINGS	3	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
233	KG	SUPPORTS, SIMPLE STEEL BEAM	1	EA	*** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (150MM X 150MM, 1.38MPA WP)
897	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	1	EA	*** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 150MM, 1.38MPA WP)
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (14+20.00 - Y1)	1	EA	*** X ***** TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA WP)
1	EA	SIGN ERECTION, TYPE D	1	EA	*** X ***** TAPPING SADDLE (200MM X 20MM)
214	EA	SIGN ERECTION, TYPE E	3	EA	RELOCATE EXISTING WATER METER
6	EA	SIGN ERECTION, TYPE F	2	EA	FIRE HYDRANT, ****MPA WP (1.38MPA WP)
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	8	EA	RELOCATE EXISTING FIRE HYDRANT
Lump Sum	LS	SIGN LIGHTING SYSTEM, ***** (OVERHEAD "A")	4	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (50MM, SDR 21, 1.38MPA)
5	EA	RELOCATE SIGN, TYPE ***** (E)	10	M	***MM DI SEWER PIPE, PC ****MPA (100MM, PC 2.41MPA)
1	EA	DISPOSAL OF SIGN SYSTEM, OVER- HEAD	6	M	200MM DI SEWER PIPE, PC 2.41MPA
55	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	14	M	250MM DI SEWER PIPE, PC 2.41MPA
6	EA	DISPOSAL OF SUPPORT, U-CHANNEL	332	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (400MM, PC 2.41MPA)
2	EA	DISPOSAL OF SIGN, D, E OR F	6,008	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
65	M2	WORK ZONE SIGNS (STATIONARY)	2	EA	SANITARY SEWER CLEAN-OUT
60	M2	WORK ZONE SIGNS (PORTABLE)	1	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
19	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	1.2	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
4	EA	FLASHING ARROW PANELS, TYPE C	556	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, PVC WATER)
6	EA	CHANGEABLE MESSAGE SIGNS	400	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER)
4	EA	WARNING FLAG SETS	112	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (PVC SEWER)
732	EA	DRUMS	2	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
200	EA	CONES	78	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER GLANDS
900	MD	FLAGGER	2	EA	GENERIC UTILITY ITEM 50MM AIR RELEASE/VACUUM VALVE & MANHOLE
12	EA	WARNING LIGHTS (TYPE B)	900	M	TEMPORARY SILT FENCE
4	EA	TEMPORARY CRASH CUSHIONS	500	MTN	STONE FOR EROSION CONTROL, CLASS A
3	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)	3,600	MTN	STONE FOR EROSION CONTROL, CLASS B
120	M	PORTABLE CONCRETE BARRIER	2,150	MTN	SEDIMENT CONTROL STONE
180	HR	POLICE	8.5	HA	TEMPORARY MULCHING
358	EA	TEMPORARY RAISED PAVEMENT MARKERS	375	KG	SEED FOR TEMPORARY SEEDING
9,515	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	3	MTN	FERTILIZER FOR TEMPORARY SEED- ING
6,881	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	12	M	TEMPORARY SLOPE DRAINS
1,768	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
500	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)	8,500	M3	SILT EXCAVATION
539	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	7,900	M2	MATTING FOR EROSION CONTROL
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	1,150	M	6.4MM HARDWARE CLOTH
240	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	60	M	***MM TEMPORARY PIPE (750MM)
61,486	M	PAINT PAVEMENT MARKING LINES (100MM)	200	M3	STILLING BASINS
2,018	M	PAINT PAVEMENT MARKING LINES (200MM)	9	HA	SEEDING & MULCHING
845	M	PAINT PAVEMENT MARKING LINES (600MM)	5	HA	MOWING
12	EA	PAINT PAVEMENT MARKING CHARAC- TER	125	KG	SEED FOR REPAIR SEEDING
348	EA	PAINT PAVEMENT MARKING SYMBOL	0.5	MTN	FERTILIZER FOR REPAIR SEEDING
400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)			
1,072	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
80	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)			
80	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)			
159	M	150MM DI WATER PIPE, PC 2.41MPA			

250	KG	SEED FOR SUPPLEMENTAL SEEDING
15	MTN	FERTILIZER TOPDRESSING
35	M	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.41	HA	STREAMBANK REFORESTATION
500	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
1,600	M	GENERIC EROSION CONTROL ITEM SAFETY FENCE
10	EA	PEDESTRIAN SIGNAL HEAD (**MM, ** SECTION) (400MM, 2 SECTION W/COUNTDOWN)
6,995	M	SIGNAL CABLE
133	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
21	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
50	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
9	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
4,500	M	MESSENGER CABLE (6.35MM)
1,030	M	MESSENGER CABLE (9.52MM)
4,040	M	TRACER WIRE
155	M	TRENCHING (PAVED)
7,000	M	TRENCHING (UNPAVED)
2,660	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)
134	EA	JUNCTION BOX (STANDARD SIZE)
66	EA	JUNCTION BOX (OVER-SIZED)
16	EA	WOOD POLE
72	EA	GUY ASSEMBLY
5	EA	25MM RISER WITH WEATHERHEAD
19	EA	50MM RISER WITH WEATHERHEAD
21	EA	50MM RISER WITH HEAT SHRINK TUBING
6,236	M	INDUCTIVE LOOP SAWCUT
15,290	M	LEAD-IN CABLE
2	EA	SITE SURVEY
8	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
10,000	M	COMMUNICATIONS CABLE (**FIBER) (12)
16	EA	INTERCONNECT CENTER
41	EA	DELINEATOR MARKER
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT
1	EA	FURNISH FIBER-OPTIC POWER ME- TER
1	EA	FURNISH OPTICAL LIGHT GENERA- TOR
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
Lump Sum	LS	FIBER-OPTIC TRAINING
4	EA	METAL STRAIN SIGNAL POLE
43	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
2	EA	DOUBLE MAST ARM WITH METAL POLE
49	EA	SOIL TEST
16	M	DRILLED PIER FOUNDATION (**MM DIA) (1067MM)
164	M	DRILLED PIER FOUNDATION (**MM DIA) (1220MM)
2	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
2	EA	MAST ARM WITH METAL POLE DE- SIGN
50	EA	SIGN FOR SIGNALS
16	EA	SIGNAL CABINET FOUNDATION
16	EA	CABINET BASE ADAPTER
16	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
103	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CENTRAL COMPUTER
1	EA	NOTEBOOK COMPUTER
1	EA	PRINTER
9	EA	METAL POLE FOUNDATION REMOVAL
9	EA	METAL POLE REMOVAL
16	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER SELF HEALING RING
5	EA	GENERIC SIGNAL ITEM GPS UNIT
2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR DOUBLE MAST ARM WITH METAL POLE

4	EA	GENERIC SIGNAL ITEM POWDER COAT FOR METAL STRAIN POLE
2	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL
43	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE
2	EA	GENERIC SIGNAL ITEM PREFORMED INDUCTIVE LOOP (1.8M X 18.0M) WITH 6.0M TAIL SECTION
***** BEGIN SCHEDULE HA ***** ***** ( 2 ALTERNATES ) *****		
8	EA	CAMERA WITH INTERNAL LOOP EMU- LATOR PROCESSING UNIT  *** OR ***
8	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
2	EA	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT  *** END SCHEDULE HA ***

**CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (28+13.000-L-)
190.7	M3	CLASS A CONCRETE (CULVERT)
20,792	KG	EPOXY COATED REINFORCING STEEL (CULVERT)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 007

CONTRACT ID : C201158 36796

DIV OFFICE WILMINGTON

LENGTH = 10.560 MI

COUNTY : ONSLOW

MILLING, SHLDR RECONST, RESURFACING &amp; PVT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : DEC 01 2004

3 SECTIONS OF US-258.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,833	CY	BORROW EXCAVATION
255	TON	INCIDENTAL STONE BASE
12.8	SMI	SHOULDER RECONSTRUCTION
40,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
106,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
9,700	SY	INCIDENTAL MILLING
27,496	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
47,081	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,293	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,825	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,000	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
1,235	LF	GENERIC PAVING ITEM REMOVE & REPLACE CONCRETE CURB & GUTTER
2	EA	ADJUSTMENT OF MANHOLES
6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
67,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
186,539	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
290	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
270	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
432	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
123,101	LF	PAINT PAVEMENT MARKING LINES (4")
290	LF	PAINT PAVEMENT MARKING LINES (8")
120	LF	PAINT PAVEMENT MARKING LINES (24")
284	EA	PAINT PAVEMENT MARKING SYMBOL
3,163	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
500	LB	SEED FOR TEMPORARY SEEDING
6.85	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 008

CONTRACT ID : C201169 37000

DIV OFFICE WILMINGTON

LENGTH = 7.620 MI

COUNTY : ONSLOW

WIDENING, MILLING, RESURFACING, SHLDER RECONST &amp; PVMT MRKGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 01 2005

3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
150	CY	BORROW EXCAVATION
275	TON	INCIDENTAL STONE BASE
15.32	SMI	SHOULDER RECONSTRUCTION
1,300	SY	INCIDENTAL MILLING
15,917	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
26,223	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
16,120	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,884	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,650	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
1	EA	ADJUSTMENT OF DROP INLETS
1	EA	ADJUSTMENT OF MANHOLES
24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
164	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
372	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
259	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
208,300	LF	PAINT PAVEMENT MARKING LINES (4")
208,900	LF	GENERIC PAVEMENT MARKING ITEM PROFILED PAVEMENT MARKING LINES (4")
2,077	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
10.24	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 009

CONTRACT ID : C201170 37003

DIV OFFICE WILMINGTON

LENGTH = 8.890 MI

COUNTY : ONSLOW

WIDENING, MILLING, RESURFACING, SHLDER RECONST &amp; PVMT MRKGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 01 2005

1 SECTION OF SECONDARY ROAD.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
325	TON	INCIDENTAL STONE BASE
17.78	SMI	SHOULDER RECONSTRUCTION
1,000	SY	INCIDENTAL MILLING
8,093	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
19,621	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
15,421	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,195	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
230	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
2,350	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
129,100	LF	PAINT PAVEMENT MARKING LINES (4")
587	EA	PERMANENT RAISED PAVEMENT MARKERS
11.85	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 010

CONTRACT ID : C201171 36766

DIV OFFICE WILMINGTON

LENGTH = 12.800 MI

COUNTY : ONSLOW, PENDER

DRAINAGE, SHOULDER RECONSTRUCTION, MILLING &amp; RESURFACING.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 01 2005

3 SECTIONS OF NC-50 AND 3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
2,170	CY	MOBILIZATION
100	LF	BORROW EXCAVATION
350	TON	15" RC PIPE CULVERTS, CLASS III
21.2	SMI	INCIDENTAL STONE BASE
65,825	SY	SHOULDER RECONSTRUCTION
100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
3,352	TON	INCIDENTAL MILLING
20,712	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,137	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
8,382	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,272	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
11,620	SY	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
110	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,060	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL)
2.4	CY	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
100	LF	PIPE COLLARS
5	EA	STEEL BM GUARDRAIL
4	EA	ADDITIONAL GUARDRAIL POSTS
81,300	LF	GUARDRAIL ANCHOR UNITS, TYPE 350
30,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
148,090	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
145	EA	PAINT PAVEMENT MARKING LINES (4")
509	EA	PERMANENT RAISED PAVEMENT MARKERS
150	LF	SNOWPLOWABLE RAISED PAVEMENT MARKERS
15.5	ACR	TEMPORARY SILT FENCE
		SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 011

CONTRACT ID : C201172 36764

DIV OFFICE WILMINGTON

LENGTH = 14.780 MI

COUNTY : NEW HANOVER

DRAINAGE, SHOULDER RECONSTRUCTION, &amp; RESURFACING.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 01 2005

20 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
540	LF	*** CAA PIPE CULVERTS, ***** THICK (15", 0.064")
60	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.064")
80	TON	INCIDENTAL STONE BASE
2.4	SMI	SHOULDER CONSTRUCTION
4.78	SMI	SHOULDER RECONSTRUCTION
2,994	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,528	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
12,407	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,062	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
13,725	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
370	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
126	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL)
1,205	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
5	CY	PIPE COLLARS
650	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE
5	EA	ADJUSTMENT OF DROP INLETS
11	EA	ADJUSTMENT OF MANHOLES
28	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
37,925	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
26,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
152,360	LF	PAINT PAVEMENT MARKING LINES (4")
246	LF	PAINT PAVEMENT MARKING LINES (16")
135	LF	PAINT PAVEMENT MARKING LINES (24")
6	EA	PAINT PAVEMENT MARKING CHARAC- TER
840	EA	PERMANENT RAISED PAVEMENT MARKERS
4.35	ACR	SEEDING & MULCHING



STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 012

CONTRACT ID : C201179 36778

DIV OFFICE FAYETTEVILLE

LENGTH = 16.830 MI

COUNTY : COLUMBUS

WIDENING, DRAINAGE, MILLING, GUARDRAIL & RESURFACING.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

NC-410 FROM THE SOUTH CAROLINA LINE TO US-76 IN CHADBOURN.

ROADWAY ITEMS					
		1,560	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CURB & GUTTER	
		1	EA	ADJUSTMENT OF CATCH BASINS	
		40	EA	ADJUSTMENT OF MANHOLES	
		38	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	
		10	EA	GENERIC DRAINAGE ITEM CONVERT EXT CATCH BASIN TO STD CATCH BASIN	
		2,187.5	LF	STEEL BM GUARDRAIL	
		5	EA	ADDITIONAL GUARDRAIL POSTS	
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MODIFIED POST & BEAM RAIL)	
		16	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
		15	TON	PLAIN RIP RAP, CLASS B	
		50	SY	FILTER FABRIC FOR DRAINAGE	
		Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL	
		150,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
		192,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
		2,098	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	
		344	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)	
		362	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
		8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)	
		84	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
		27,020	LF	PAINT PAVEMENT MARKING LINES (4")	
		208	LF	PAINT PAVEMENT MARKING LINES (8")	
		360	LF	PAINT PAVEMENT MARKING LINES (16")	
		462	LF	PAINT PAVEMENT MARKING LINES (24")	
		8	EA	PAINT PAVEMENT MARKING CHARACTER	
		18	EA	PAINT PAVEMENT MARKING SYMBOL	
		1,548	EA	PERMANENT RAISED PAVEMENT MARKERS	
		20	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	
		21	LF	6" DI WATER PIPE, PC 350	
		1,726	LF	8" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)	
		15	LF	12" PVC WATER PIPE, SDR ***** (SDR 21)	
		1,250	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP	
		5	LF	**** GS WATER PIPE, SCH ** (1-1/2", 40)	
		703	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)	
		15	LF	**** PE WATER TUBING, SDR 9, *****WP (1", 200# WP)	
		14	EA	3/4" CORPORATION STOP	
		1	EA	1" CORPORATION STOP	
		3	EA	6" GATE VALVE & VALVE BOX, 200# WP	
		2	EA	8" GATE VALVE & VALVE BOX, *****WP (200# WP)	
		1	EA	12" GATE VALVE & VALVE BOX, *****WP (200# WP)	
		1	EA	***X*** TAPPING SADDLE (8" X 1")	
		14	EA	***X*** TAPPING SADDLE (8" X 3/4")	
		2	EA	RELOCATE EXISTING FIRE HYDRANT	
Lump Sum	LS			MOBILIZATION	
Lump Sum	LS			CONSTRUCTION SURVEYING	
Lump Sum	LS			CLEARING & GRUBBING . ACRE(S)	
	1	ACR		SUPPLEMENTARY CLEARING & GRUBBING	
	2,200	CY		UNCLASSIFIED EXCAVATION	
	1,000	CY		UNDERCUT EXCAVATION	
	3,300	CY		BORROW EXCAVATION	
	40	CY		DRAINAGE DITCH EXCAVATION	
	10	SY		REMOVAL OF EXISTING ASPHALT PAVEMENT	
	750	TON		FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
	1,720	LF		15" RC PIPE CULVERTS, CLASS III	
	940	LF		18" RC PIPE CULVERTS, CLASS III	
	700	LF		24" RC PIPE CULVERTS, CLASS III	
	68	LF		30" RC PIPE CULVERTS, CLASS III	
	2	EA		*** X *** X *** RC PIPE TEES, CLASS III (15" X 15" X 15")	
	1	EA		*** X *** X *** RC PIPE TEES, CLASS III (24" X 24" X 15")	
	2,488	LF		PIPE REMOVAL	
Lump Sum	LS			FINE GRADING	
	19,200	LB		SEALING EXISTING PAVEMENT CRACKS	
	800	TON		INCIDENTAL STONE BASE	
	21.45	SMI		SHOULDER RECONSTRUCTION	
	38,820	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	
	18,500	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (3")	
	2,400	SY		INCIDENTAL MILLING	
	10,800	TON		ASPHALT CONC BASE COURSE, TYPE B25.0B	
	1,900	TON		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
	26,000	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
	2,000	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)	
	2,234	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
	100	TON		ASPHALT PLANT MIX, PAVEMENT REPAIR	
	3,250	TON		PATCHING EXISTING PAVEMENT	
	1	CY		PIPE COLLARS	
	41	EA		MASONRY DRAINAGE STRUCTURES	
	18	EA		FRAME WITH TWO GRATES, STD 840.16	
	2	EA		FRAME WITH TWO GRATES, STD 840.29	
	10	EA		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
	11	EA		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
	10	EA		FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
	670	LF		***X*** CONCRETE CURB (8" X 12")	
	2,850	LF		2'-6" CONCRETE CURB & GUTTER	
	11	SY		CONCRETE WHEELCHAIR RAMPS	
	1,650	SY		6" CONCRETE DRIVEWAY	
	390	SY		GENERIC PAVING ITEM REMOVE & REPLACE 6" CONCRETE DRIVEWAY	

1,710	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", WATER)
2	EA	GENERIC UTILITY ITEM 1-1/2" BALL VALVE
2	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER
800	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
70	ACR	SEEDING & MULCHING
50	LB	SEED FOR REPAIR SEEDING
0.26	TON	FERTILIZER FOR REPAIR SEEDING
1	EA	JUNCTION BOX (STANDARD SIZE)
2,410	LF	INDUCTIVE LOOP SAWCUT
250	LF	LEAD-IN CABLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 013

CONTRACT ID : C201178 37207

DIV OFFICE FAYETTEVILLE

LENGTH = 11.760 MI

COUNTY : COLUMBUS

MILLING, RESURFACING, SHDR RECONST &amp; PAVEMENT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

US-74 / 76 FROM US-76 TO SR-1700.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
173,000	LF	MILLED RUMBLE STRIPS
221,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
27,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,760	EA	PERMANENT RAISED PAVEMENT MARKERS

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

40	SMI	SHOULDER RECONSTRUCTION
6,300	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
36,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,373	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
49	ACR	SEEDING & MULCHING *** OR ***
370	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
6,750	TON	GENERIC PAVING ITEM HOT MIX ASPHALT ADMIXTURE
40,500	GAL	GENERIC PAVING ITEM EMULSIFIED ASPHALT REJUVENAT- ING AGENT
270,000	SY	GENERIC PAVING ITEM HOT-IN-PLACE RECYCLED ASPHALT CONC, TYPE S9.5B

\*\*\* END SCHEDULE AA \*\*\*

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 014

CONTRACT ID : C200829 33176.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.160 MI

COUNTY : CASWELL

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER MOON CREEK & APPROACHES ON SR-1306.

ROADWAY ITEMS

Lump Sum LS MOBILIZATION  
 Lump Sum LS GENERIC MISCELLANEOUS ITEM  
 ROADWAY CONSTRUCTION

STRUCTURE ITEMS

Lump Sum LS CONSTRUCTION, MAINTENANCE, &  
 REMOVAL OF TEMP ACCESS AT STA  
 \*\*\*\*\*  
 (17+88.00 -L-)  
 Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
 AT STATION \*\*\*\*\*  
 (17+88.00 -L-)  
 102.08 LF \*\*\*.\*\*\*" DIA DRILLED PIERS IN  
 SOIL  
 (3'-6")  
 28 LF \*\*\*.\*\*\*" DIA DRILLED PIERS NOT  
 IN SOIL  
 (3'-6")  
 101.56 LF PERMANENT STEEL CASING FOR  
 \*\*\*.\*\*\*" DIA DRILLED PIER  
 (3'-6")  
 2 EA SID INSPECTION  
 1 EA CROSSHOLE SONIC LOGGING  
 560.33 LF CSL TUBES  
 Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-  
 TION AT STATION \*\*\*\*\*  
 (17+88.00 -L-)  
 300 LF HP12X53 STEEL PILES  
 275 TON PLAIN RIP RAP CLASS II (2'-0"  
 THICK)  
 Lump Sum LS GENERIC STRUCTURE ITEM  
 CONSTRUCTION OF SUBSTRUCTURE  
 Lump Sum LS GENERIC STRUCTURE ITEM  
 CONSTRUCTION OF SUPERSTRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 015

CONTRACT ID : C200835 33179.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.114 MI

COUNTY : CASWELL

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER PRONG COUNTRY LINE CREEK & APPROACHES ON SR-1730.

ROADWAY ITEMS

			15	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (3'-6")
			52	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (3'-6")
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+12.66)			
			1	EA	CROSSHOLE SONIC LOGGING
			286	LF	CSL TUBES
Lump Sum	LS	GRADING			
			Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+12.66 -L-)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2,848	SF	REINFORCED CONCRETE DECK SLAB
150	CY	UNDERCUT EXCAVATION	2,245	SF	GROOVING BRIDGE FLOORS
15	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	54	CY	CLASS A CONCRETE (BRIDGE)
120	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+12.66 -L-)
8	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK (15", 0.064")	11,317	LB	REINFORCING STEEL (BRIDGE)
			1,760	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	386	LF	36" PRESTRESSED CONCRETE GIRDERS
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	375	LF	HP12X53 STEEL PILES
23	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	195.83	LF	CONCRETE BARRIER RAIL
12	EA	RIGHT OF WAY MARKERS	294	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
4	EA	MASONRY DRAINAGE STRUCTURES			
4	EA	FRAME WITH GRATE, STD 840.29	326	SY	FILTER FABRIC FOR DRAINAGE
350	LF	SHOULDER BERM GUTTER	Lump Sum	LS	ELASTOMERIC BEARINGS
450	LF	STEEL BM GUARDRAIL	Lump Sum	LS	EVAZOTE JOINT SEALS
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
79	TON	PLAIN RIP RAP, CLASS B			
902	SY	FILTER FABRIC FOR DRAINAGE			
336	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
70	LF	BARRICADES (TYPE III)			
4,800	LF	PAINT PAVEMENT MARKING LINES (4")			
1,205	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
265	TON	STONE FOR EROSION CONTROL, CLASS B			
180	TON	SEDIMENT CONTROL STONE			
0.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
370	CY	SILT EXCAVATION			
228	SY	SYNTHETIC ROVING			
630	SY	MATTING FOR EROSION CONTROL			
80	LF	1/4" HARDWARE CLOTH			
60	SY	FLOATING TURBIDITY CURTAIN			
4	EA	SPECIAL STILLING BASINS			
0.5	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			
0.25	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+12.66 -L-)
51	LF	***.***" DIA DRILLED PIERS IN SOIL (3'-6")

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 016

CONTRACT ID : C200836 33196.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.237 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER ALAMANCE CREEK & APPROACHES ON SR-3092.

ROADWAY ITEMS

Lump Sum LS MOBILIZATION  
 Lump Sum LS GENERIC MISCELLANEOUS ITEM  
 ROADWAY CONSTRUCTION

STRUCTURE ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
 AT STATION \*\*\*\*\*  
 (18+15.00 -L-)  
 45.5 LF \*\*\*.\*\*\*" DIA DRILLED PIERS IN  
 SOIL  
 (3'-6")  
 34 LF \*\*\*.\*\*\*" DIA DRILLED PIERS NOT  
 IN SOIL  
 (3'-6")  
 37 LF PERMANENT STEEL CASING FOR  
 \*\*\*.\*\*\*" DIA DRILLED PIER  
 (3'-6")  
 2 EA SPT TESTING  
 2 EA CROSSHOLE SONIC LOGGING  
 358 LF CSL TUBES  
 Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-  
 TION AT STATION \*\*\*\*\*  
 (18+15.00 -L-)  
 260 LF HP12X53 STEEL PILES  
 200 TON PLAIN RIP RAP CLASS II (2'-0"  
 THICK)  
 Lump Sum LS GENERIC STRUCTURE ITEM  
 CONSTRUCTION OF SUBSTRUCTURE  
 Lump Sum LS GENERIC STRUCTURE ITEM  
 CONSTRUCTION OF SUPERSTRUCTURE



40	LF	***" DIA DRILLED PIERS NOT IN SOIL (4'-0")
1	EA	CROSSHOLE SONIC LOGGING
288	LF	CSL TUBES
8,101	SF	REINFORCED CONCRETE DECK SLAB
6,684	SF	GROOVING BRIDGE FLOORS
153	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+89.18-L-)
31,886	LB	REINFORCING STEEL (BRIDGE)
4,369	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
912.5	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
660	LF	HP12X53 STEEL PILES
461.79	LF	CONCRETE BARRIER RAIL
955	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (17+89.18-L-)
54.56	LF	GENERIC STRUCTURE ITEM COLUMN EXCAVATION



FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 018

CONTRACT ID : C201132 37320.3.1

DIV OFFICE ALBEMARLE

LENGTH = 18.800 MI

COUNTY : ROWAN, CABARRUS

CLOSED LOOP SIGNAL SYSTEM

DBE GOAL 0.0% COMPLETION DATE : MAY 01 2005

US-29 FROM SR-1305 (PITTS SCHOOL ROAD) IN CABARRUS COUNTY TO RYDER AVE/OLD BEATTY FORD RD IN ROWAN COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	17	EA	GENERIC SIGNAL ITEM
104	SF	WORK ZONE SIGNS (PORTABLE)			REVISE EXISTING ELECTRICAL SERVICE
2	EA	FLASHING ARROW PANELS, TYPE C			
2	EA	CHANGEABLE MESSAGE SIGNS			
100	EA	DRUMS			
80	HR	FLAGGER			***** BEGIN SCHEDULE HA *****
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)			***** ( 2 ALTERNATES ) *****
40	HR	POLICE			
14	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION)			
		(16", 1 SECTION W/COUNTDOWN)			
23,390	LF	SIGNAL CABLE	3	EA	CAMERA WITH INTERNAL LOOP EMULATOR PROCESSING UNIT
28	EA	VEHICLE SIGNAL HEAD (8", 3 SECTION)			*** OR ***
6	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)			
82	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	3	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	3	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
22	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			*** END SCHEDULE HA ***
16	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD			
2	EA	RELOCATE EXISTING VEHICLE SIGNAL HEAD			
3,480	LF	MESSENGER CABLE (1/4")			
180	LF	MESSENGER CABLE (3/8")			
23,360	LF	TRACER WIRE			
150	LF	TRENCHING (PAVED)			
19,060	LF	TRENCHING (UNPAVED)			
4,950	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)			
13	EA	JUNCTION BOX (STANDARD SIZE)			
70	EA	JUNCTION BOX (OVER-SIZED)			
3	EA	WOOD POLE			
13	EA	GUY ASSEMBLY			
8	EA	1/2" RISER WITH WEATHERHEAD			
39	EA	2" RISER WITH WEATHERHEAD			
13	EA	2" RISER WITH HEAT SHRINK TUBING			
1,540	LF	INDUCTIVE LOOP SAWCUT			
21,350	LF	LEAD-IN CABLE			
3	EA	SITE SURVEY			
3	EA	LUMINAIRE ARM FOR VIDEO SYSTEM			
30,772	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
8	EA	INTERCONNECT CENTER			
9	EA	FIBER-OPTIC TRANSCEIVER			
24	EA	DELINEATOR MARKER			
8	EA	SIGNAL PEDESTAL WITH FOUNDATION			
45	EA	SIGN FOR SIGNALS			
12	EA	SIGNAL CABINET FOUNDATION			
4	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION			
23	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET			
36	EA	CABINET BASE ADAPTER			
36	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)			
341	EA	DETECTOR CARD (TYPE 2070L)			
2	EA	GENERIC SIGNAL ITEM AUDIBLE DETECTION SENSOR			
15	EA	GENERIC SIGNAL ITEM GPS UNIT			
7	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 019

CONTRACT ID : C201173 36863

DIV OFFICE WINSTON-SALEM

LENGTH = 5.495 MI

COUNTY : DAVIDSON

GRADING, WIDENING, RESURFACING &amp; PVMT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : OCT 15 2004

US-64 FROM WEST OF NC-109 TO WEST OF I-85.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
216	TON	INCIDENTAL STONE BASE
13,642	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
1,224	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
14,112	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
653	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
917	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
90	TON	PATCHING EXISTING PAVEMENT
37	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF METER BOXES OR VALVE BOXES
218,400	LF	PAINT PAVEMENT MARKING LINES (4")
1,330	LF	PAINT PAVEMENT MARKING LINES (8")
380	LF	PAINT PAVEMENT MARKING LINES (16")
1,100	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARACTER
134	EA	PAINT PAVEMENT MARKING SYMBOL
975	EA	PERMANENT RAISED PAVEMENT MARKERS
11.28	ACR	SEEDING & MULCHING

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 020

CONTRACT ID : C200816

33158.3.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.208 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEP 15 2005

BRIDGE LITTLE HELTON CREEK &amp; APPROACHES ON NC-194.

## ROADWAY ITEMS

			522	SF	WORK ZONE SIGNS (STATIONARY)
			96	SF	WORK ZONE SIGNS (PORTABLE)
			20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			42	EA	DRUMS
			27	EA	CONES
			20	LF	BARRICADES (TYPE III)
			1,440	HR	FLAGGER
			2	EA	WARNING LIGHTS (TYPE B)
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
			225	LF	WATER FILLED BARRIER
			198	EA	TEMPORARY RAISED PAVEMENT MARKERS
			4,400	LF	EPOXY PAVEMENT MARKING LINES (4")
			19,200	LF	PAINT PAVEMENT MARKING LINES (4")
			500	LF	PAINT PAVEMENT MARKING LINES (8")
			248	LF	PAINT PAVEMENT MARKING LINES (24")
			3,300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			250	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			62	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			2	EA	PERMANENT RAISED PAVEMENT MARKERS
			16	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
			230	LF	TEMPORARY SILT FENCE
			90	TON	STONE FOR EROSION CONTROL, CLASS A
			295	TON	STONE FOR EROSION CONTROL, CLASS B
			840	TON	SEDIMENT CONTROL STONE
			2.5	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			475	CY	SILT EXCAVATION
			450	SY	SYNTHETIC ROVING
			1,040	SY	MATTING FOR EROSION CONTROL
			1,280	LF	1/4" HARDWARE CLOTH
			12	EA	SPECIAL STILLING BASINS
			2.5	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
			1.75	TON	FERTILIZER TOPDRESSING
			0.1	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BUEGRASS)
			2	HR	SPECIALIZED HAND MOWING
			12	EA	RESPONSE FOR EROSION CONTROL
			1,740	LF	SIGNAL CABLE
			10	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
			1,420	LF	MESSENGER CABLE (1/4")
			260	LF	MESSENGER CABLE (3/8")
			150	LF	TRENCHING (UNPAVED)
			12	EA	WOOD POLE
			20	EA	GUY ASSEMBLY
			1	EA	1" RISER WITH WEATHERHEAD
			5	EA	2" RISER WITH WEATHERHEAD
			430	LF	INDUCTIVE LOOP SAWCUT
			1,575	LF	LEAD-IN CABLE
			1	EA	MICROWAVE VEHICLE DETECTOR
			3	EA	SIGN FOR SIGNALS
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
			2	EA	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 2070L)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
100	LF	GENERIC MISCELLANEOUS ITEM TENSIONED ROCK BOLTS, TYPE II			
260	SY	GENERIC MISCELLANEOUS ITEM ROCK PLATING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+25.00)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
100	CY	UNDERCUT EXCAVATION			
1,000	TON	CLASS IV SUBGRADE STABILIZATION			
600	SY	PRE-SPLITTING OF ROCK			
145	CY	DRAINAGE DITCH EXCAVATION			
1,000	CY	SELECT GRANULAR MATERIAL			
1,000	SY	FABRIC FOR SOIL STABILIZATION			
80	SF	TEMPORARY SHORING			
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
20	LF	15" SIDE DRAIN PIPE			
228	LF	15" RC PIPE CULVERTS, CLASS III			
52	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
75	LF	PIPE REMOVAL			
42	TON	AGGREGATE BASE COURSE			
25	TON	INCIDENTAL STONE BASE			
270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
580	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
27	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
25	EA	RIGHT OF WAY MARKERS			
50	CY	SUBDRAIN EXCAVATION			
15	CY	SUBDRAIN FINE AGGREGATE			
200	LF	6" PERFORATED SUBDRAIN PIPE			
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
0.5	CY	PIPE PLUGS			
4	EA	MASONRY DRAINAGE STRUCTURES			
4	EA	FRAME WITH TWO GRATES, STD 840.29			
90	CY	CONCRETE RETAINING WALLS			
175	LF	SHOULDER BERM GUTTER			
360	LF	CONCRETE EXPRESSWAY GUTTER			
700	LF	STEEL BM GUARDRAIL			
10	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
50	LF	REMOVE EXISTING GUARDRAIL			
100	LF	TEMPORARY STEEL BM GUARDRAIL			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
100	LF	GENERIC GUARDRAIL ITEM TEMPORARY TRIPLE CORRUGATED STEEL BM GUARDRAIL			
2	EA	GENERIC GUARDRAIL ITEM TEMPORARY W-TR STEEL BM GUARDRAIL TRANSITION SECTIONS			
1,325	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)			
65	TON	PLAIN RIP RAP, CLASS I			
15	TON	PLAIN RIP RAP, CLASS B			
820	SY	FILTER FABRIC FOR DRAINAGE			

## STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+25.00-L-)
20.75	LF	***,***" DIA DRILLED PIERS IN SOIL (3'-0")
24	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (3'-0")
1	EA	CROSSHOLE SONIC LOGGING
245	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+25.00-L-)
44.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+25.00-L-)
12,654	LB	REINFORCING STEEL (BRIDGE)
921	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
120.52	LF	CONCRETE BARRIER RAIL
115	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
128	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
662.81	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 021

CONTRACT ID : C200834 32865.3.1

DIV OFFICE SHELBY

LENGTH = 0.229 MI

COUNTY : ALEXANDER

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER SOUTH YADKIN RIVER & APPROACHES ON SR-1001.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+65.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
140	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZA- TION
2	EA	EMBANKMENT SETTLEMENT GAUGES
58	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
22	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
32	LF	18" SIDE DRAIN PIPE
32	LF	18" RC PIPE CULVERTS, CLASS III
40	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
100	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
40	LF	PIPE REMOVAL
730	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
255	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
445	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
0.9	CY	PIPE COLLARS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
290	LF	SHOULDER BERM GUTTER
400	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
7	TON	PLAIN RIP RAP, CLASS I
172	TON	PLAIN RIP RAP, CLASS B
862	SY	FILTER FABRIC FOR DRAINAGE
78	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
100	EA	DRUMS
100	EA	CONES
48	LF	BARRICADES (TYPE III)
30	MD	FLAGGER
20	EA	TEMPORARY RAISED PAVEMENT MARKERS
19,370	LF	PAINT PAVEMENT MARKING LINES (4")
20	EA	PERMANENT RAISED PAVEMENT MARKERS
1,305	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
555	TON	STONE FOR EROSION CONTROL, CLASS B
250	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
100	LF	TEMPORARY SLOPE DRAINS

3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
850	CY	SILT EXCAVATION
1,100	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.75	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+65.00 -L-)
79	LF	***,***" DIA DRILLED PIERS IN SOIL (4'-0")
39	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (4'-0")
79	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (4'-0")
2	EA	CROSSHOLE SONIC LOGGING
512	LF	CSL TUBES
6,319	SF	REINFORCED CONCRETE DECK SLAB
5,740	SF	GROOVING BRIDGE FLOORS
134.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+65.00 -L-)
34,848	LB	REINFORCING STEEL (BRIDGE)
3,973	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
699.75	LF	54" PRESTRESSED CONCRETE GIR- DERS
410	LF	HP12X53 STEEL PILES
338.72	LF	TWO BAR METAL RAIL
355.09	LF	1'-***"X *****" CONCRETE PARA- PET (1'-2" X 2'-6")
803	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
894	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040420 022

CONTRACT ID : C200814 33106.3.2

DIV OFFICE ASHEVILLE

LENGTH = 0.081 MI

COUNTY : MADISON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : JUL 15 2005

BRIDGE OVER BIG LAUREL CREEK AND APPROACHES ON SR-1345.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (10+66.50-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
12	CY	DRAINAGE DITCH EXCAVATION
28	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
256	LF	18" RC PIPE CULVERTS, CLASS III
73	LF	*** CS PIPE CULVERTS, ***** THICK (6", 0.064")
50	TON	INCIDENTAL STONE BASE
165	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
245	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
24	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
18	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
18	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	METAL FUNNELS
16	LF	12" FUNNEL DRAIN PIPE
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
150	LF	SHOULDER BERM GUTTER
300	LF	CONCRETE EXPRESSWAY GUTTER
10	SY	4" CONCRETE PAVED DITCH
112.5	LF	STEEL BM GUARDRAIL
25	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** III (SHOP CURVED)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** III TEMP(SHOP CURVED)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
1	EA	GENERIC GUARDRAIL ITEM GUARDRAIL ANCHOR UNITS, (SPECIAL)
65	TON	PLAIN RIP RAP, CLASS B
940	SY	FILTER FABRIC FOR DRAINAGE
12.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
118	SF	WORK ZONE SIGNS (STATIONARY)

96	SF	WORK ZONE SIGNS (PORTABLE)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
50	EA	CONES
72	LF	BARRICADES (TYPE III)
240	HR	FLAGGER
2	EA	WARNING LIGHTS (TYPE B)
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
1,440	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
9,487	LF	PAINT PAVEMENT MARKING LINES (4")
1,020	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
5	TON	PAVEMENT REPAIR FOR UTILITY WORK
125	LF	*** PE WATER TUBING, SDR 9, ***** WP (1", 200# WP)
855	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL, CLASS A
215	TON	STONE FOR EROSION CONTROL, CLASS B
345	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
435	CY	SILT EXCAVATION
165	SY	SYNTHETIC ROVING
600	SY	MATTING FOR EROSION CONTROL
10	SY	PERMANENT SOIL REINFORCEMENT MAT
80	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (10+66.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+66.50 -L-)
96.7	LF	***,***" DIA DRILLED PIERS IN SOIL (3'-0")
38.5	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (3'-0")
91.9	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (3'-0")
1	EA	CROSSHOLE SONIC LOGGING
600.5	LF	CSL TUBES
54.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+66.50 -L-)
17,404	LB	REINFORCING STEEL (BRIDGE)
2,514	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

149.48	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
746.15	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040420 023

CONTRACT ID : C201174 36563

DIV OFFICE SYLVA

LENGTH = 0.000 MI

COUNTY : TRANSYLVANIA

CLOSED LOOP SIGNAL SYSTEM

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : OCT 01 2005

BREVARD

## ROADWAY ITEMS

			19	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER - SELF-HEALING RING
			2	EA	GENERIC SIGNAL ITEM INSTALL METAL STRAIN POLE
			21	EA	GENERIC SIGNAL ITEM POWDER COAT FOR DOUBLE MAST ARM WITH METAL POLE
			13	EA	GENERIC SIGNAL ITEM POWDER COAT FOR PEDESTRIAN PEDESTAL
			28	EA	GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE
Lump Sum	LS	MOBILIZATION			
15,720	LF	SIGNAL CABLE			
4	EA	VEHICLE SIGNAL HEAD (**, ** SECTION) (8" - 1 SECTION, 12" - 2 SEC- TION)			
1	EA	VEHICLE SIGNAL HEAD (8", 3 SECTION)			
119	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
8	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
16	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
13,750	LF	MESSENGER CABLE (1/4")			
2,790	LF	TRACER WIRE			
735	LF	TRENCHING (PAVED)			
2,160	LF	TRENCHING (UNPAVED)			
2,000	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 1)			
3,020	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)			
89	EA	JUNCTION BOX (STANDARD SIZE)			
55	EA	JUNCTION BOX (OVER-SIZED)			
1	EA	WOOD POLE			
33	EA	GUY ASSEMBLY			
1	EA	1/2" RISER WITH WEATHERHEAD			
24	EA	2" RISER WITH HEAT SHRINK TUBING			
8,315	LF	INDUCTIVE LOOP SAWCUT			
4,260	LF	LEAD-IN CABLE			
19,250	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
19	EA	INTERCONNECT CENTER			
19	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT			
1	EA	FURNISH FIBER-OPTIC POWER ME- TER			
1	EA	FURNISH OPTICAL LIGHT GENERA- TOR			
1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER			
28	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE			
21	EA	DOUBLE MAST ARM WITH METAL POLE			
51	EA	SOIL TEST			
615	LF	DRILLED PIER FOUNDATION (** DIA) (42")			
150	LF	DRILLED PIER FOUNDATION (** DIA) (48")			
13	EA	SIGNAL PEDESTAL WITH FOUNDA- TION			
21	EA	MAST ARM WITH METAL POLE DE- SIGN			
11	EA	SIGN FOR SIGNALS			
8	EA	SIGNAL CABINET FOUNDATION			
8	EA	CABINET BASE ADAPTER			
8	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
11	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)			
70	EA	DETECTOR CARD (TYPE 2070L)			
1	EA	CENTRAL COMPUTER			
1	EA	NOTEBOOK COMPUTER			
1	EA	PRINTER			
1	EA	METAL POLE FOUNDATION REMOVAL			
17	EA	METAL POLE REMOVAL			
68	EA	GENERIC SIGNAL ITEM AUDIBLE PEDESTRIAN SIGNAL			



