

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).

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.

LOCATION:



MICHAEL F. EASLEY GOVERNOR

LYNDO TIPPETT SECRETARY

December 23, 2003

NOTICE TO:

All Prequalified Contractors

FROM:

C.A. Garris, P.E.

Re:

Electronic (Internet) Bid Bond Submission

Beginning with the March 16, 2004 letting Electronic Bid Bond submission will become a mandatory addition to electronic bid submissions via Bidx.com. Only those bids submitted as described in the Special Provision titled "On-Line Electronic Bidding" will be considered responsive.

It is important that both the prospective bidder and their bonding agent contact either Surety 2000 (<a href="www.surety2000.com">www.surety2000.com</a>) or Surepath (<a href="www.insurevision.com">www.insurevision.com</a>) bond management providers to acquire the necessary service prior to the March 16, 2004 letting. Bid Express and the Expedite software will interface with both bond management providers.

If you do not currently have an account with one of the above bond management providers, please visit one of the above websites to open an account.

You must either have an account with one of the above bond management providers for electronic bid and bid bond submittal or provide the Contract Office with a bid deposit as described in the Special Provision titled "On-Line Electronic Bidding" for the March 16, 2004 letting.

Additional notices will follow, as more information becomes available.

If you have any questions, I can be reached at (919) 250-4124.



MICHAEL F. EASLEY GOVERNOR

LYNDO TIPPETT SECRETARY

December 23, 2003

NOTICE TO:

FROM:

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

SUBJECT:

Delays in Billing

Invoices for all plans and proposals since April 2003 will be mailed in the next few weeks. The Department transitioned to a new financial system in March 2003, and billing delays occurred as a result. Invoices for each Highway Letting in which you ordered plans or proposals will be mailed separately. You will also receive a list itemizing each project that you ordered. Also, the payment due date will be extended from 30 days to 90 days from the date the invoice is mailed. We apologize for any inconvenience that this has caused.

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



MICHAEL F. EASLEY GOVERNOR

LYNDO TIPPETT SECRETARY

October 21, 2003

**MEMORANDUM TO:** 

FROM:

R. A. Garris, P. E. Robins Contract Occ

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.

#### STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATON 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 **MARCH 16, 2004**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 10:00AM.

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
- 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

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 BIDDDERS 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 FEBRUARY 17, 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

DIV NO.	DIVISION ENGINEER	<b>LOCATION</b>	<b>TOWN</b>	<b>TELEPHONE</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 I	Letting Numb	<b>Der</b> L040316			
RPN	Contract Id	WBS	County	Length	JobType
001	C201146	2CR.10401.1 ETC.	GREENE, PITT	13.350 MI	WIDENING, RESURFACING & PAVEMENT MARKINGS.
002	C201147	37054 ETC.	CRAVEN, PITT	21.700 MI	WIDENING, GRADING, DRAINAGE, RESURFACING & PVMT MARKINGS.
003	C200790	33213.3.1	JOHNSTON	0.170 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
004	C200831	33214.3.1	JOHNSTON	0.177 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
005	C201155	33085.3.1	HALIFAX	0.142 MI	GRADING, DRAINAGE, PAVING & CULVERT.
006	C201153	34365.3.34 ETC.	WAKE	9.670 MI	HEAD & WINGWALL EXT, PVT REM, MILLING, RESURFACING & GRDRAIL.
007	C201154	37214 ETC.	CUMBERLAND, HARNETT	23.430 MI	WIDENING, GRADING, MILLING, RESURFACING, & SHDR RECONST.
008	C201159	36781	BLADEN, ROBESON	28.400 MI	WIDENING, DRAINAGE, RESURFACING & PVT MARKINGS.
009	C201161	6CR.10781.5 ETC.	ROBESON	40.960 MI	MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.
010	C201162	6CR.10091.7 ETC.	BLADEN, COLUMBUS	46.500 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
011	C200853	33156.3.2	ALAMANCE	0.246 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C201076	34820.3.22	GUILFORD	43.000 KM	ITS.
013	C201145	37108 ETC.	MONTGOMERY	9.700 MI	WIDENING, MILLING, SHDR RECONST, RESURFACING & PVMT MRKINGS.
014	C201156	33049.3.2	CABARRUS	0.213 MI	GRADING, DRAINAGE, PAVING & CULVERT.
015	C201157	10CR.10841.2 ETC	STANLY	13.400 MI	MILLING, SHOULDER RECONST, RESURFACING & PAVEMENT MARKINGS.
016	C201160	36704	CALDWELL	2.700 MI	SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.
017	C200804	33043.3.2	BUNCOMBE	0.350 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
018	C201148	37230	BUNCOMBE	2.010 MI	WIDENING, DRAINAGE, SHDR RECONST, GUARDRAIL & RESURFACING.
019	C201149	37240	MADISON	2.342 MI	WIDENING, MILLING, SHLDR RECONST, GUARDRAIL & RESURFACING.
020	C201150	37244	YANCEY	11.970 MI	WIDENING, SHLDR RECONST, RESURFACING, GUARDRAIL & PVT MRKGS.
021	C201151	37251	MCDOWELL	1.180 MI	WIDENING, DRAINAGE, PAVING, C&G, GUARDRAIL & PVMT MARKINGS.
022	C200789	33092.3.2	HENDERSON	0.167 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

0.108 MI GRADING, DRAINAGE, PAVING & STRUCTURE.

023 C200813 33102.3.1 MACON

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 001

CONTRACT ID: C201146 2CR.10401.1

**DIV OFFICE GREENVILLE** 

**LENGTH = 13.350 MI** 

**COUNTY** : GREENE, PITT

WIDENING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE: NOV 30 2004

US-264A IN PITT CO FROM US-13 TO GREENE CO, NC-121 IN GREENE CO FROM US-264A TO US-264 AND FROM PITT CO TO WILSON CO.

Lump Sum	LS	MOBILIZATION
7,746	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,473	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
23,497	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,954	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
120,081	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
112,768	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
283	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
113	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 002

**CONTRACT ID: C201147** 37054

**DIV OFFICE GREENVILLE** 

LENGTH = 21.700 MI

**COUNTY** : CRAVEN, PITT

WIDENING, GRADING, DRAINAGE, RESURFACING & PVMT MARKINGS.

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

NC-43 IN CRAVEN CO FROM NC-118 TO PITT CO & NC-43 IN PITT CO FROM CRAVEN CO LINE TO CURB & GUTTER SECTION IN GREENVILLE.

ump Sum	LS	MOBILIZATION
ump Sum	LS	GRADING
100	CY	UNDERCUT EXCAVATION
100	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
384	LF	15" SIDE DRAIN PIPE
332	LF	18" SIDE DRAIN PIPE
30	LF	24" RC PIPE CULVERTS, CLASS III
192	LF	72" RC PIPE CULVERTS, CLASS III
891	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
12,781	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
12,781	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
37,151	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,379	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
14.8	CY	REINFORCED ENDWALLS
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
120	TON	PLAIN RIP RAP, CLASS B
244,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
172,664	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
235	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
96	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
54,508	LF	PAINT PAVEMENT MARKING LINES (4")
120	LF	PAINT PAVEMENT MARKING LINES (24")
43	EA	PAINT PAVEMENT MARKING SYMBOL
90	TON	STONE FOR EROSION CONTROL, CLASS B
10	TON	SEDIMENT CONTROL STONE
3	ACR	SEEDING & MULCHING
31	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
2	TON	FERTILIZER TOPDRESSING

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

L040316 003LENGTH = 0.170 MI

CONTRACT ID: C200790

33213.3.1 DIV OFFICE WILSON

**COUNTY** : **JOHNSTON** 

GRADING, DRAINAGE, PAVING & STRUCTURE.

0.25 TON FERTILIZER FOR TEMPORARY SEED-

## DBE GOAL 7.0% COMPLETION DATE: NOV 15 2005

## BRIDGE OVER HANNAH CREEK & APPROACHES ON NC-96.

		ROADWAY ITEMS	50	LF	TEMPORARY SLOPE DRAINS
			2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			400	CY	SILT EXCAVATION
Lump Sum	LS	MOBILIZATION	350	SY	SYNTHETIC ROVING
Lump Sum	LS	CONSTRUCTION SURVEYING	650	SY	MATTING FOR EROSION CONTROL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	20	LF	1/4" HARDWARE CLOTH
		(16+66.00)	2	ACR	SEEDING & MULCHING
Lump Sum	LS	GRADING	1	ACR	MOWING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-	50	LB	SEED FOR REPAIR SEEDING
400		BING	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	CY	UNDERCUT EXCAVATION	50	LB	SEED FOR SUPPLEMENTAL SEEDING
100 100	CY SY	SELECT GRANULAR MATERIAL FABRIC FOR SOIL STABILIZATION	1.25	TON	FERTILIZER TOPDRESSING
36	TON	FOUNDATION CONDITIONING MATE-	1.5	HR EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
50	1011	RIAL, MINOR STRS	o	LA	RESPONSE FOR EROSION CONTROL
64	LF	15" SIDE DRAIN PIPE			
48	LF	15" RC PIPE CULVERTS, CLASS			
		III			STRUCTURE ITEMS
52	LF	PIPE REMOVAL			
50	TON SMI	INCIDENTAL STONE BASE	I C	1.0	DEMOVAL OF EVICTING CERLICITIES
7.4 425	TON	SHOULDER RECONSTRUCTION ASPHALT CONC BASE COURSE, TYPE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
423	TON	B25.0B			(16+66.00-L-)
3,910	TON	ASPHALT CONC SURFACE COURSE,	650	CY	UNCLASSIFIED STRUCTURE EXCAVA-
		TYPE SF9.5A	50.0		TION
273	TON	ASPHALT BINDER FOR PLANT MIX,	58.2	CY	CLASS A CONCRETE (BRIDGE)
50	TON	GRADE PG 64-22 ASPHALT PLANT MIX, PAVEMENT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
50	1011	REPAIR			(16+66.00-L-)
10	EA	RIGHT OF WAY MARKERS	10,062	LB	REINFORCING STEEL (BRIDGE)
1	EA	MASONRY DRAINAGE STRUCTURES	500	LF	HP12X53 STEEL PILES
1	EA	STEEL FRAME WITH TWO GRATES,	870	LF	HP14X73 STEEL PILES
60		STD 840.37	Lump Sum	LS	GALVANIZING STEEL PILES AT STA
60 450	LF	SHOULDER BERM GUTTER			(16+66.00-L-)
450 75	LF LF	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP	295.75	LF	CONCRETE BARRIER RAIL
75	LI	CURVED	525	TON	PLAIN RIP RAP CLASS II (2'-0"
2	EA	GUARDRAIL ANCHOR UNITS, TYPE	<b>500</b>		THICK)
		AT-1	580	SY	FILTER FABRIC FOR DRAINAGE ELASTOMERIC BEARINGS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum 1,768.5	LS LF	3'-0" X 1'-9" PRESTRESSED CONC
2	EA	GUARDRAIL ANCHOR UNITS, TYPE	1,700.5		CORED SLABS
		350			
150	SY	FILTER FABRIC FOR DRAINAGE			
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
14	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
1	EA	RELOCATE SIGN, TYPE *****			
-		(E)			
9	EA	DISPOSAL OF SIGN SYSTEM, U-			
2	EA	CHANNEL  DISPOSAL OF SIGN SYSTEM WOOD			
2	EA	DISPOSAL OF SIGN SYSTEM, WOOD			
481 74	SF SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)			
90	SF	WORK ZONE SIGNS (BARRICADE			
, ,		MOUNTED)			
6	EA	WARNING FLAG SETS			
139	EA	CONES			
120	LF	BARRICADES (TYPE III)			
120	HR	FLAGGER			
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
1,900	LF	THERMOPLASTIC PAVEMENT MARKING			
,		LINES (4", 120 MILS)			
158,000	LF	PAINT PAVEMENT MARKING LINES			
280	EA	(4") PERMANENT RAISED PAVEMENT			
200	LA	MARKERS			
400	LF	TEMPORARY SILT FENCE			
80	TON	STONE FOR EROSION CONTROL,			
210	TON	CLASS A			
210	TON	STONE FOR EROSION CONTROL, CLASS B			
60	TON	SEDIMENT CONTROL STONE			
	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	EERTH IZER FOR TEMPORARY SEED.			

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L040316 004

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

CONTRACT ID: C200831 33214.3.1 DIV OFFICE WILSON LENGTH = 0.177 MI

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING & STRUCTURE.

850 LF TEMPORARY SILT FENCE

## DBE GOAL 7.0% COMPLETION DATE: DEC 31 2004

## BRIDGE OVER BERNAL CREEK & APPROACHES ON SR-1229.

		ROADWAY ITEMS	125	TON	STONE FOR EROSION CONTROL, CLASS A
			350	TON	STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	MOBILIZATION	100	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	CONSTRUCTION SURVEYING	1.5	ACR	TEMPORARY MULCHING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	50	LB	SEED FOR TEMPORARY SEEDING
		FILL, STATION ************************************	0.25	TON	FERTILIZER FOR TEMPORARY SEED-
I C	1.0	(15+41.00)			ING
Lump Sum	LS	GRADING	50	LF	TEMPORARY SLOPE DRAINS
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	2	EA	INLET PROTECTION AT TEMPORARY
1,100	CY	UNDERCUT EXCAVATION			SLOPE DRAINS
55	CY	DRAINAGE DITCH EXCAVATION	410	CY	SILT EXCAVATION
600	CY	SELECT GRANULAR MATERIAL	360	SY	SYNTHETIC ROVING
600	SY	FABRIC FOR SOIL STABILIZATION	635	SY	MATTING FOR EROSION CONTROL
14	TON	FOUNDATION CONDITIONING MATE-	375	SY	PERMANENT SOIL REINFORCEMENT
14	1011	RIAL, MINOR STRS			MAT
132	LF	***" X ***" CS PIPE ARCH CUL-	1.5		SEEDING & MULCHING
		VERTS, *****" THICK	1	ACR	MOWING
		(72" X 44", 0.139")	50	LB	SEED FOR REPAIR SEEDING
199	LF	PIPE REMOVAL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
256	TON	AGGREGATE BASE COURSE	50	LB	SEED FOR SUPPLEMENTAL SEEDING
50	TON	INCIDENTAL STONE BASE	1	TON	FERTILIZER TOPDRESSING
250	GAL	PRIME COAT	1.5	HR	SPECIALIZED HAND MOWING
120	SY	INCIDENTAL MILLING	8	EA	RESPONSE FOR EROSION CONTROL
410	TON	ASPHALT CONC BASE COURSE, TYPE	0.5	ACR	REFORESTATION
450	TON	B25.0B			
450	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
47	TON	ASPHALT BINDER FOR PLANT MIX,			STRUCTURE ITEMS
47	1011	GRADE PG 64-22			STRUCTURE TIEMS
11	EA	RIGHT OF WAY MARKERS			
70	CY	SUBDRAIN EXCAVATION	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
52	CY	SUBDRAIN FINE AGGREGATE	Zump Sum	20	AT STATION ********
300	LF	6" PERFORATED SUBDRAIN PIPE			(15+41.00-L-)
9	EA	6" SUBDRAIN PIPE WYES, TEES, &	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
		ELBOWS			TION AT STATION *******
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE	22.4	CV	(15+41.00-L-)
		OUTLET	22.4	CY	CLASS A CONCRETE (BRIDGE)
6	LF	6" OUTLET PIPE (SUBDRAINS)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
75	LF	SHOULDER BERM GUTTER			(15+41.00-L-)
325	LF	STEEL BM GUARDRAIL	3,572	LB	REINFORCING STEEL (BRIDGE)
5	EA	ADDITIONAL GUARDRAIL POSTS	270	LF	HP12X53 STEEL PILES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	99.5	LF	CONCRETE BARRIER RAIL
4	г.	III	220	TON	PLAIN RIP RAP CLASS II (2'-0"
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			THICK)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE	240	SY	FILTER FABRIC FOR DRAINAGE
•	2.1	350 TEMPORARY	Lump Sum	LS	ELASTOMERIC BEARINGS
225	SY	FILTER FABRIC FOR DRAINAGE	497.5	LF	3'-0" X 1'-9" PRESTRESSED CONC
15.5	SF	CONTRACTOR FURNISHED, TYPE ***			CORED SLABS
		SIGN			
		(E)			
40	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
3	EA	SIGN ERECTION, TYPE E			
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
124	SF	WORK ZONE SIGNS (STATIONARY)			
88	SF	WORK ZONE SIGNS (BARRICADE			
00	51	MOUNTED)			
2	EA	WARNING FLAG SETS			
25	EA	DRUMS			
25	EA	CONES			
144	LF	BARRICADES (TYPE III)			
960	HR	FLAGGER			
2	EA	WARNING LIGHTS (TYPE B)			
50	EA	TEMPORARY RAISED PAVEMENT			
2,600	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING			
2,600	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING			
40	LF	LINES (4", 120 MILS) THERMOPLASTIC PAVEMENT MARKING			
12,400	LF	LINES (24", 120 MILS) PAINT PAVEMENT MARKING LINES			
35	EA	(4") PERMANENT RAISED PAVEMENT			
850	LE	MARKERS TEMPORARY SILT FENCE			

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L040316 005

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

**CONTRACT ID: C201155** 33085.3.1 DIV OFFICE WILSON LENGTH = 0.142 MI

COUNTY : HALIFAX

5

154 SY

114 SF

> 2 EA 80

1,650 LF

1.650 LF

10 EA

LF 81 440

125 LF

600 LF

160 TON

75 TON

100

50 LF

2

350 CY

300 475 SY

> 50 LB

150 CY

50 LB 1.25 TON

160 LF

HR

ACR

ACR MOWING

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 10.0% COMPLETION DATE: NOV 15 2004

**CULVERT ITEMS** 

## CULVERT ON SPRING BRANCH & APPROACHES SR-1002.

#### ROADWAY ITEMS

EA ADDITIONAL GUARDRAIL POSTS

4 EA GUARDRAIL ANCHOR UNITS, TYPE

211 SF WORK ZONE SIGNS (STATIONARY)

BARRICADES (TYPE III)

LINES (4", 120 MILS) PERMANENT RAISED PAVEMENT

5 TON BEDDING MATERIAL, UTILITIES CLASS \*\*\*\*\*\*\*\*\*

8" DI WATER PIPE, PC 350

LB DUCTILE IRON WATER PIPE FIT-TINGS, 250# MIN WP GENERIC UTILITY ITEM

TEMPORARY SILT FENCE

LB SEED FOR TEMPORARY SEEDING 0.25 TON FERTILIZER FOR TEMPORARY SEED-

> TEMPORARY SLOPE DRAINS EA INLET PROTECTION AT TEMPORARY

> > MATTING FOR EROSION CONTROL

SEED FOR SUPPLEMENTAL SEEDING

10" HDPE WATER PIPE, SDR 9 200# WP BY DIRECTIONAL BORE

STONE FOR EROSION CONTROL,

STONE FOR EROSION CONTROL,

FILTER FABRIC FOR DRAINAGE

WORK ZONE SIGNS (BARRICADE

THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

THERMOPLASTIC PAVEMENT MARKING

FOUNDATION CONDITIONING MATE-RIAL, UTILITIES CLASS \*\*\*\*\*\*\*\*

1 TON PLAIN RIP RAP CLASS B

MOUNTED) WARNING FLAG SETS

MARKERS

(VI)

(IV)

CLASS A

CLASS B 50 TON SEDIMENT CONTROL STONE 2 ACR TEMPORARY MULCHING

ING

SLOPE DRAINS

SILT EXCAVATION SY SYNTHETIC ROVING

STILLING BASINS

SEEDING & MULCHING

0.25 TON FERTILIZER FOR REPAIR SEEDING

IMPERVIOUS DIKE

SEED FOR REPAIR SEEDING

FERTILIZER TOPDRESSING

SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL

Lump Sum	LS	MOBILIZATION	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
Lump Sum	LS	GRADING			AT STATION *********
1	ACR	SUPPLEMENTARY CLEARING & GRUB-		1.0	(16+95.00 -L-)
		BING	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (16+95.00 -L-)
200	CY	UNDERCUT EXCAVATION	114.1	TON	FOUNDATION CONDITIONING MATER-
50	TON	INCIDENTAL STONE BASE	114.1	ION	IAL, BOX CULVERT
170	TON	ASPHALT CONC BASE COURSE, TYPE	129.4	CY	CLASS A CONCRETE (CULVERT)
		B25.0B			` ,
175	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	24,365	LB	REINFORCING STEEL (CULVERT)
355	TON	ASPHALT CONC SURFACE COURSE,			
		TYPE S9.5B			
39	TON	ASPHALT BINDER FOR PLANT MIX,			
		GRADE PG 64-22			
12	EA	RIGHT OF WAY MARKERS			
375	LF	STEEL BM GUARDRAIL			

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L040316 006

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

**CONTRACT ID: C201153** 34365.3.34 **DIV OFFICE DURHAM** LENGTH = 9.670 MI

: WAKE COUNTY

HEAD & WINGWALL EXT, PVT REM, MILLING, RESURFACING & GRDRAIL.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 01 2004

US-1 FROM NORTH OF HOMESTEAD RD TO THE FRANKLIN COUNTY LINE AND SR-2045 FROM US-1 TO THE END OF CURB & GUTTER.

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM HEADWALL & WINGWALL EXTENSION
27,366	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
61,312	LB	SEALING EXISTING PAVEMENT CRACKS
114	TON	INCIDENTAL STONE BASE
1	SMI	SHOULDER CONSTRUCTION
37.32	SMI	SHOULDER RECONSTRUCTION
150	LF	DITCHING
81,331	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2")
13,760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
22,855	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
81,810	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,666	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,909	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
200	LF	SHOULDER BERM GUTTER
460	SY	4" CONCRETE PAVED DITCH
1,000	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
20	EA	ADJUSTMENT OF DROP INLETS
15	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,000	LF	STEEL BM GUARDRAIL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
6,000	LF	REMOVE & RESET EXISTING GUARD-RAIL
206,162	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
27,849	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,019	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
363	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
110,600	LF	PAINT PAVEMENT MARKING LINES (4")
2,208	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	PAINT PAVEMENT MARKING CHARAC- TER
412	EA	PAINT PAVEMENT MARKING SYMBOL
26	EA	PERMANENT RAISED PAVEMENT MARKERS
1,938	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
500	SY	MATTING FOR EROSION CONTROL
33 10,400	ACR LF	SEEDING & MULCHING INDUCTIVE LOOP SAWCUT

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L040316 007

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201154 37214 DIV OFFICE FAYETTEVILLE LENGTH = 23.430 MI

COUNTY : CUMBERLAND, HARNETT

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

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: JUN 30 2005

2 SECTIONS OF NC-217, 1 SECTION OF US-301 AND 4 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1,600	CY	BORROW EXCAVATION
56	LF	18" RC PIPE CULVERTS, CLASS III
645	TON	INCIDENTAL STONE BASE
46.04	SMI	SHOULDER RECONSTRUCTION
3,500	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2")
1,500	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (4")
1,600	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 1-1/2")
1,300	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 2")
18,650	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
27,750	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,545	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
175	TON	PATCHING EXISTING PAVEMENT
400	LF	2'-6" CONCRETE CURB & GUTTER
650	SY	6" CONCRETE DRIVEWAY
3	EA	ADJUSTMENT OF DROP INLETS
25	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
198,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
170,330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
266	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
40	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,500	LF	PAINT PAVEMENT MARKING LINES (4")
1,805	EA	PERMANENT RAISED PAVEMENT MARKERS
50	LF	TRENCHING (PAVED)
25	LF	TRENCHING (UNPAVED)
1	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	2" RISER WITH WEATHERHEAD
600	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 008

CONTRACT ID: C201159

36781

DIV OFFICE FAYETTEVILLE

LENGTH = 28.400 MI

COUNTY: BLADEN, ROBESON

WIDENING, DRAINAGE, RESURFACING & PVT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE: AUG 26 2005

#### NC-211 FROM SNAKE RD TO BLADEN COUNTY LINE & FROM NC-242 TO COLUMBUS COUNTY LINE.

ROADWAY	<b>ITEMS</b>
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		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)
2	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
1,500	CY	UNCLASSIFIED EXCAVATION
6,000	CY	BORROW EXCAVATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
88	LF	18" RC PIPE CULVERTS, CLASS III
132	LF	24" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	FINE GRADING
860	TON	INCIDENTAL STONE BASE
48.12	SMI	SHOULDER RECONSTRUCTION
1,180	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
45,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
5	TON	PATCHING EXISTING PAVEMENT
4.3	CY	ENDWALLS
800	LF	2'-6" CONCRETE CURB & GUTTER
33	SY	CONCRETE WHEELCHAIR RAMPS
15	SY	6" CONCRETE DRIVEWAY
290	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
16	EA	ADJUSTMENT OF MANHOLES
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,790	LF	STEEL BM GUARDRAIL
30	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE *********
		(BP-50)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE **********
20	EA	(III POST & BEAM) GUARDRAIL ANCHOR UNITS, TYPE 350
3,800	LF	REMOVE EXISTING GUARDRAIL
25	TON	PLAIN RIP RAP, CLASS B
70	SY	FILTER FABRIC FOR DRAINAGE
288,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
158,825	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,467	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
86	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
447,125	LF	PAINT PAVEMENT MARKING LINES (4")
1,467	LF	PAINT PAVEMENT MARKING LINES (8")
172	LF	PAINT PAVEMENT MARKING LINES (16")
288	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARACTER
31	EA	PAINT PAVEMENT MARKING SYMBOL
480	EA	PERMANENT RAISED PAVEMENT MARKERS
600 40	LF TON	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS B

CLASS B

20 TON SEDIMENT CONTROL STONE
40.29 ACR SEEDING & MULCHING

50	LB	SEED FOR REPAIR SEEDING
0.26	TON	FERTILIZER FOR REPAIR SEEDING
2,400	LF	INDUCTIVE LOOP SAWCUT
450	LF	LEAD-IN CABLE

\*\*\*\*\*\* BEGIN SCHEDULE AA \*\*\*\*\*\*

\*\*\*\*\*\*\* (2 ALTERNATES) \*\*\*\*\*\*\*

MILLING ASPHALT PAVEMENT, \*\*\*" 419,700 SY DEPTH (2")ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B ASPHALT BINDER FOR PLANT MIX, 70,600 TON 6.352 TON GRADE PG 64-22 \*\*\* OR \*\*\* 530 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B 3.531 TON ASPHALT BINDER FOR PLANT MIX. GRADE PG 64-22 GENERIC PAVING ITEM 10 495 TON HOT MIX ASPHALT ADMIXTURE 62,955 GAL GENERIC PAVING ITEM EMULSIFIED ASPHALT REJUVENAT-ING AGENT GENERIC PAVING ITEM 419.700 SY HOT IN-PLACE RECYCLED ASPHALT CONC, TYPE I-19.0B

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

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 009

CONTRACT ID: C201161

6CR.10781.5 DIV OFFICE FAYETTEVILLE

LENGTH = 40.960 MI

**COUNTY** : **ROBESON** 

MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE: AUG 26 2005

2 SECTIONS OF NC-20 & NC-72, 1 SECTION OF NC-71, NC-41 & US-501 AND 23 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
962	TON	INCIDENTAL STONE BASE
80.48	SMI	SHOULDER RECONSTRUCTION
10,396	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 2")
3,110	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
22,449	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
18,296	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,795	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
164,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
140,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
278	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
23	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
457,700	LF	PAINT PAVEMENT MARKING LINES (4")
1,400	LF	PAINT PAVEMENT MARKING LINES (8")
1,875	EA	PERMANENT RAISED PAVEMENT MARKERS
102	ACR	SEEDING & MULCHING
950	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 010

CONTRACT ID: C201162 6CR.1009

6CR.10091.7 DIV OFFICE FAYETTEVILLE

LENGTH = 46.500 MI

COUNTY : BLADEN, COLUMBUS

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

 $\label{eq:mbegoal 8.0\% WBE 4.0\% COMPLETION DATE: SEE SPECIAL PROVISIONS VARIOUS SECTIONS OF US-701, NC-41, NC-87 \& NC-901 AND 17 SECTIONS OF SECONDARY ROADS.$ 

Lump Sum	LS	MOBILIZATION
1,071	TON	INCIDENTAL STONE BASE
91.66	SMI	SHOULDER RECONSTRUCTION
12,438	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH
		(0" TO 1-1/2")
6,336	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 3")
283	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,925	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
39,934	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,318	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	EA	WHEELCHAIR RAMPS
20	EA	GENERIC PAVING ITEM WHEELCHAIR RAMP CURB CUTS
7	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
116,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
87,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
314	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
682,800	LF	PAINT PAVEMENT MARKING LINES (4")
2,660	EA	PERMANENT RAISED PAVEMENT MARKERS
111	ACR	SEEDING & MULCHING
1,080	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

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L040316 011

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

CONTRACT ID: C200853 33156.3.2 DIV OFFICE GREENSBORO LENGTH = 0.246 MI

**COUNTY** : ALAMANCE

GRADING, DRAINAGE, PAVING & STRUCTURE.

20,900 LF PAINT PAVEMENT MARKING LINES (4")

425 LF TEMPORARY SILT FENCE

DBE GOAL 8.0% COMPLETION DATE: DEC 31 2005

#### BRIDGE OVER ALAMANCE CREEK AND APPROACHES ON SR-2312.

			150	TON	STONE FOR EROSION CONTROL
		ROADWAY ITEMS	150	TON	STONE FOR EROSION CONTROL, CLASS A
			260	TON	STONE FOR EROSION CONTROL, CLASS B
Lump Sum	LS	MOBILIZATION	265	TON	SEDIMENT CONTROL STONE
Lump Sum	LS	REINFORCED BRIDGE APPROACH	2	ACR	TEMPORARY MULCHING
		FILL, STATION ************************************	100	LB	SEED FOR TEMPORARY SEEDING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	0.25	TON	FERTILIZER FOR TEMPORARY SEED-ING
500	CY	UNDERCUT EXCAVATION	30	LF	TEMPORARY SLOPE DRAINS
Lump Sum	LS	GRADING	1	EA	INLET PROTECTION AT TEMPORARY
2,100	CY	BORROW EXCAVATION			SLOPE DRAINS
100	CY	DRAINAGE DITCH EXCAVATION	650	CY	SILT EXCAVATION
40	TON	FOUNDATION CONDITIONING MATE-	500	SY	SYNTHETIC ROVING
		RIAL, MINOR STRS	770	SY LF	MATTING FOR EROSION CONTROL
160	LF	15" SIDE DRAIN PIPE	100	EA	1/4" HARDWARE CLOTH SPECIAL STILLING BASINS
176	LF	15" RC PIPE CULVERTS, CLASS III	2	ACR	SEEDING & MULCHING
72	LF	24" RC PIPE CULVERTS, CLASS	1	ACR	MOWING
,-		III	50	LB	SEED FOR REPAIR SEEDING
10	EA	**" PIPE END SECTION	0.25	TON	FERTILIZER FOR REPAIR SEEDING
		(15")	50	LB	SEED FOR SUPPLEMENTAL SEEDING
28	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1.25	TON	FERTILIZER TOPDRESSING
2	EA	15" BIT COAT CS PIPE ELBOWS,	1.5	HR	SPECIALIZED HAND MOWING
2	LA	TYPE B 0.064" THICK	8	EA	RESPONSE FOR EROSION CONTROL
139	LF	PIPE REMOVAL	0.75	ACR	REFORESTATION
200	TON	INCIDENTAL STONE BASE			
485	TON	ASPHALT CONC BASE COURSE, TYPE			
645	TON	B25.0B ASPHALT CONC INTERMEDIATE			STRUCTURE ITEMS
555	TON	COURSE, TYPE 119.0B ASPHALT CONC SURFACE COURSE,	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
85	TON	TYPE S9.5B ASPHALT BINDER FOR PLANT MIX,	Eurip Suiti	LO	REMOVAL OF TEMP ACCESS AT STA
100	TON	GRADE PG 64-22			(17+20.00-L-)
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
7	EA	RIGHT OF WAY MARKERS			AT STATION ************************************
5	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	(17+20.00-L-) FOUNDATION EXCAVATION FOR END
1	EA	FRAME WITH GRATE, STD 840.**** (840.24)	Eurip ouri	LU	BENT ** AT STATION ************************************
3	EA	FRAME WITH TWO GRATES, STD 840.24	91.5	LF	**'-**" DIA DRILLED PIERS IN SOIL
1	EA	FRAME WITH TWO GRATES, STD 840.29	22	LF	(3'-0") **'_**" DIA DRILLED PIERS NOT
1	EA	FRAME WITH GRATE & HOOD, STD			IN SOIL
		840.03, TYPE **			(3'-0")
		(E)	84.6	LF	PERMANENT STEEL CASING FOR  **'-**" DIA DRILLED PIER
55	LF	2'-6" CONCRETE CURB & GUTTER			(3'-0")
50 30	LF SY	SHOULDER BERM GUTTER 4" CONCRETE SIDEWALK	2	EA	CROSSHOLE SONIC LOGGING
325	LF	STEEL BM GUARDRAIL	494.4	LF	CSL TUBES
5	EA	ADDITIONAL GUARDRAIL POSTS	96.9	CY	CLASS A CONCRETE (BRIDGE)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	20.004	I D	(17+20.00-L-)
		350	20,994 2,110	LB LB	REINFORCING STEEL (BRIDGE) SPIRAL COLUMN REINFORCING
90	TON	PLAIN RIP RAP, CLASS B	2,110	LD	STEEL (BRIDGE)
910	SY SF	FILTER FABRIC FOR DRAINAGE	175	LF	HP12X53 STEEL PILES
10	эг	CONTRACTOR FURNISHED, TYPE *** SIGN	110	LF	THREE BAR METAL RAIL
		(E)	117.7	LF	CONCRETE BARRIER RAIL
26	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	360	TON	PLAIN RIP RAP CLASS II (2'-0"
2	EA	SIGN ERECTION, TYPE E	410	SY	THICK) FILTER FABRIC FOR DRAINAGE
16	EA	DISPOSAL OF SIGN SYSTEM, U-	Lump Sum	LS	ELASTOMERIC BEARINGS
110	SF	CHANNEL WORK ZONE SIGNS (STATIONARY)	1,526.3	LF	3'-0" X 1'-9" PRESTRESSED CONC
110	SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)	1,320.3	1.1	CORED SLABS
20	SF	WORK ZONE SIGNS (FOR TABLE) WORK ZONE SIGNS (BARRICADE			
20		MOUNTED)			
30	EA	DRUMS			
30	EA	CONES			
48	LF	BARRICADES (TYPE III)			
90	MD	FLAGGER			

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L040316 012

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201076 34820.3.22 DIV OFFICE GREENSBORO LENGTH = 43.000 KM

**COUNTY** : **GUILFORD** 

ITS.

## MBE GOAL 0.0% WBE 0.0% COMPLETION DATE: APR 01 2006

#### GREENSBORO OUTER LOOP.

200 EA DRUMS200 EA CONES90 MD FLAGGER

		ROADWAY ITEMS	3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			72	HR	POLICE
Lump Sum	LS	MOBILIZATION	2,600	M	MESSENGER CABLE (6.35MM)
384.81	M	STEEL BM GUARDRAIL	50	M	JACK & BORE
10	EA	ADDITIONAL GUARDRAIL POSTS	36,000	M	TRACER WIRE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2,000	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	2,500	M	(2) DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT)
3 160.875	EA M	CABLE GUIDERAIL ANCHOR UNITS GENERIC GUARDRAIL ITEM	30	EA	(4) JUNCTION BOX (************************************
		REMOVE AND RESET EXISTING CABLE GUIDERAIL	218	EA	(SPECIAL) JUNCTION BOX (OVER-SIZED)
102.375	M	GENERIC GUARDRAIL ITEM	6	EA	WOOD POLE
		REMOVE EXISTING CABLE	19	EA	GUY ASSEMBLY
	EA	GUIDERAIL GENERIC CHARRENA H. ITEM	22	EA	*****MM RISER WITH *******
1	EA	GENERIC GUARDRAIL ITEM REMOVE AND RESET EXISTING			(50MM, HEAT SHRINK TUBING)
1	EA	CAT-1 GENERIC GUARDRAIL ITEM	8,000	M	COMMUNICATIONS CABLE (**FIBER) (12)
•	2.1	REMOVE AND RESET EXISTING IMPACT ATTENUATOR UNIT	40,000	M	COMMUNICATIONS CABLE (**FIBER) (144)
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN	5,500	M	DROP CABLE
		ASSEMBLY "DMS-**"	30	EA	AERIAL SPLICE ENCLOSURE
		(DMS-1)	42	EA	INTERCONNECT CENTER
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN	198	EA	DELINEATOR MARKER
		ASSEMBLY "DMS-**"	5	EA	SIGNAL CABINET FOUNDATION
I C	1.0	(DMS-2)	3	EA	CABINET BASE ADAPTER
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"	3	EA	SPLICE CABINET
		(DMS-3)	26	EA	GENERIC SIGNAL ITEM
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"	2	EA	CCTV ASSEMBLY A GENERIC SIGNAL ITEM
		(DMS-4)			CCTV ASSEMBLY B
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"	28	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
		(DMS-5)	4	EA	GENERIC SIGNAL ITEM
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"			FIBER OPTIC DEMULTIPLEXER (FOTDEMUX)
		(DMS-6)	4	EA	GENERIC SIGNAL ITEM
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION			FIBER OPTIC MULTIPLEXER (FOTMUX)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**"	9	EA	GENERIC SIGNAL ITEM FIBER OPTIC TRANSCEIVER (FOT)
Lump Sum	LS	(DMS-1) DYNAMIC MESSAGE SIGN SYSTEM	1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DEMULTI-
		"DMS**" (DMS-2)		г.	PLEXER (FOTDEMUX)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**"	1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC MULTIPLEX- ER (FOTMUX)
Lump Sum	LS	(DMS-3) DYNAMIC MESSAGE SIGN SYSTEM	1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC TRANSCEI-
Lump Sum	LS	"DMS**" (DMS-4)	1	EA	VER (FOT) GENERIC SIGNAL ITEM
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM	•	Lit	FURNISH VIDEO OPTICAL RECEIVER
-		"DMS**" (DMS-5)	1	EA	(VOR-D) GENERIC SIGNAL ITEM
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**"			FURNISH VIDEO OPTICAL RECEIVER DEMULTIPLEXER (VORDEMUX)
		(DMS-6)	1	EA	GENERIC SIGNAL ITEM
Lump Sum	LS	DYNAMIC MESSAGE SIGN MAINTE- NANCE TRAINING			FURNISH VIDEO OPTICAL TRANS- MITTER (VOT-D)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS	1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANS-
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM	26	EA	MITTER MULTIPLEXER (VOTMUX) GENERIC SIGNAL ITEM
Lump Sum	LS	OPERATIONAL FACTORY TESTS DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS	20	EA	VIDEO OPTICAL RECEIVER (VOR-D) GENERIC SIGNAL ITEM
Lump Sum	LS	DYNAMIC MESSAGE SIGN BENCH	2	LA	VIDEO OPTICAL RECEIVER DEMUL- TIPLEXER (VORDEMUX)
Lump Sum	LS	TEST UNIT GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM	2	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER
29	M2	NTCIP ACCEPTANCE TESTS WORK ZONE SIGNS (STATIONARY)	26	EA	MULTIPLEXER (VOTMUX) GENERIC SIGNAL ITEM
74	M2	WORK ZONE SIGNS (STATIONART) WORK ZONE SIGNS (PORTABLE)			VIDEO OPTICAL TRANSMITTER
2	EA	FLASHING ARROW PANELS, TYPE C			(VOT-D)
4	EA	CHANGEABLE MESSAGE SIGNS	32,500	M	GENERIC SIGNAL ITEM
2	EA				UNDERGROUND POLYETHYLENE CON-
200	EA	WARNING FLAG SETS			DUITS, 31.75MM (4)

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 013

CONTRACT ID: C201145 37108

DIV OFFICE ABERDEEN

LENGTH = 9.700 MI

**COUNTY** : **MONTGOMERY** 

WIDENING, MILLING, SHDR RECONST, RESURFACING & PVMT MRKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 19 2004

SR-1110 FROM NC-731 TO SR-1111, SR-1111 FROM SR-1110 TO NC-73 & SR-1162 FROM DAVIDSON CO LINE TO END OF PAVEMENT.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
30	TON	INCIDENTAL STONE BASE
19.4	SMI	SHOULDER RECONSTRUCTION
1,284	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH
		(0" TO 2")
300	SY	INCIDENTAL MILLING
10,141	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
21,469	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,831	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
846	TON	PATCHING EXISTING PAVEMENT
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
516,064	LF	PAINT PAVEMENT MARKING LINES (4")
860	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS

13.5 ACR SEEDING & MULCHING

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L040316 014

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

CONTRACT ID: C201156 33049.3.2 DIV OFFICE ALBEMARLE LENGTH = 0.213 MI

**COUNTY** : CABARRUS

GRADING, DRAINAGE, PAVING & CULVERT.

## DBE GOAL 9.0% COMPLETION DATE: JUN 01 2005

## RC BOX CULVERT AT THREE MILE BRANCH & APPROACHES ON SR-1002.

ACR   SUPPLEME BING		160	EA	WARNING FLAG SETS DRUMS
Lump Sum		30	EA	CONES
Lump Sum	TON	200	LF	BARRICADES (TYPE III)
ACR SUPPLEME BING	TION SURVEYING	1,500	HR	FLAGGER
CY	NTARY CLEARING & GRUB-	2	EA	WARNING LIGHTS (TYPE B)
Lump Sum		100	HR	POLICE
24,200 CY BORROW I  160 TON FOUNDATI RIAL, MINI 184 LF 15" SIDE D  952 LF 15" RC PIPI III  172 LF 18" RC PIPI III  172 LF 18" RC PIPI III  52 LF 15" BIT CO TYPE B 0.0  108 LF 18" BIT CO TYPE B 0.0  2 EA 15" BIT CO TYPE B 0.0  4 EA 18" BIT CO TYPE B 0.0  2 EA 15" BIT CO TYPE B 0.0  300 TON INCIDENT 730 TON ASPHALT 1 COURSE, T 1,400 TON ASPHALT 1 COURSE, T 1,400 TON ASPHALT 1 REPAIR  2 EA TEMPORAL FOR MASO STRUCTUF  15 EA MASONRY 4 EA FRAME WI 840.16  2 EA FRAME WI 840.24  5 EA FRAME WI 840.29  2 EA FRAME WI 840.29  2 EA FRAME WI 840.29  1 EA FRAME WI 840.29  2 EA FRAME WI 840.29  2 EA FRAME WI 840.29  2 EA FRAME WI 840.21  5 EA FRAME WI 840.29  2 EA FRAME WI 840.21  5 EA FRAME WI 840.29  2 EA FRAME WI 840.29  3 EA FRAME WI 840.29  4 EA FRAME WI 840.29  5 EA ADJUISTME VALVE BO 962.5 LF STEEL BM CURVED 5 EA ADDITION 6 EA ADJUISTME VALVE BO 962.5 LF STEEL BM CURVED 5 EA ADDITION 75 TON PLAIN RIP	EXCAVATION	86	EA	TEMPORARY RAISED PAVEMENT MARKERS
160 TON	VCA VATION	2,740	LF	THERMOPLASTIC PAVEMENT MARKING
RIAL, MING   184		2,740	1.1	LINES (4", 90 MILS)
184	ON CONDITIONING MATE- OR STRS	4,190	LF	THERMOPLASTIC PAVEMENT MARKING
III	AIN PIPE	2.5		LINES (4", 120 MILS)
172	CULVERTS, CLASS	35	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
11	GULLIDATE GLAGO	205	LF	THERMOPLASTIC PAVEMENT MARKING
108	CULVERTS, CLASS			LINES (24", 120 MILS)
TYPE B 0.0  108 LF 18" BIT CO TYPE B 0.0  2 EA 15" BIT CO TYPE B 0.0  4 EA 18" BIT CO TYPE B 0.0  250 LF PIPE REMC 300 TON INCIDENT, 730 TON ASPHALT ( B25.0B  1,000 TON ASPHALT ( B26.0B  1,000 TON ASPHALT ( B27.0B  1 EA FRAME WI REPAIR  2 EA TEMPORAL FOR MASONRY 4 EA FRAME WI 840.16  2 EA FRAME WI 840.24  5 EA FRAME WI 840.29  2 EA FRAME WI 840.03, TYP (E)  1 EA FRAME WI 1,400 LF **"X **" CO (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 125 LF STEEL BM 126 LF STEEL BM 127 LF REMOVE E 18 STEEL BM 128 CONTRAC 19 SIGN 19 SIGN 10 SF CONTRAC 10 SF CONTRAC 10 SF CONTRAC 11 EA RELOCATE 11 EA RELOCATE 12 EA SIGN EREC 12 EA SIGN EREC 14 EA RELOCATE 15 EA RELOCATE 16 EA RELOCATE 17 EA RELOCATE 18 EA RELOCATE 19 EA RELOCATE 19 EA RELOCATE 19 EA RELOCATE 10 EA	AT CS PIPE CULVERTS,	20	EA	THERMOPLASTIC PAVEMENT MARKING
TYPE B 0.0  2 EA 15" BIT CO TYPE B 0.06  4 EA 18" BIT CO YPE B 0.06  250 LF PIPE REMC 300 TON INCIDENT, 730 TON ASPHALT 0 COURSE, T  1,400 TON ASPHALT 0 GRADE PG  200 TON ASPHALT 1 REPAIR  2 EA TEMPORAL FOR MASO STRUCTUF  15 EA MASONRY 4 EA FRAME WI 840.16  2 EA FRAME WI 840.29  2 EA FRAME WI 840.20  3 TON PLAIN RIP 1 TON PLAIN		12,360	LF	SYMBOL (90 MILS) PAINT PAVEMENT MARKING LINES
2 EA 15" BIT CO TYPE B 0.06 250 LF PIPE REMC 300 TON INCIDENT. 730 TON ASPHALT 0 B25.0B 1,000 TON ASPHALT 0 GRADE PG 200 TON ASPHALT 1 GRADE PG 201 TON ASPHALT 1 GRADE PG 202 TON ASPHALT 1 GRADE PG 203 TON ASPHALT 1 GRADE PG 204 TEMPORAL 1 FOR MASONRY 4 EA FRAME WI 840.16 2 EA FRAME WI 840.29 2 EA FRAME WI 1,400 LF ***"X ***" CC (8" X 18") 540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 19 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 6 SIGN EEC 6 LF SUPPORTS 6 EA SIGN EREC 7 EA SIGN EREC 7 EA SIGN EREC 8 EA SIGN EREC 9 EA SIGN EREC 9 EA SIGN EREC	AT CS PIPE CULVERTS,	12,300	LI	(4")
TYPE B 0.0  4 EA IS" BIT CO YPE B 0.06 250 LF PIPE REMC 300 TON INCIDENT. 730 TON ASPHALT 1 B25.0B  1,000 TON ASPHALT 1 GOURSE, T  1,400 TON ASPHALT 1 GRADE PG 200 TON ASPHALT 1 GRADE PG 201 TON ASPHALT 1 GRADE PG 202 TON ASPHALT 1 GRADE PG 203 TON ASPHALT 1 GRADE PG 204 TON ASPHALT 1 GRADE PG 205 TON ASPHALT 1 GRADE PG 206 TON ASPHALT 1 GRADE PG 207 TON ASPHALT 1 GRADE PG 208 TON ASPHALT 1 GRADE PG 209 TON ASPHALT 1 GRADE PG 200 TON ASPHALT 1 GRADE PG 200 TON ASPHALT 1 GRADE PG 200 TON ASPHALT 1 GRADE PG 201 TON ASPHALT 1 GRADE PG 201 TON EAU SAULUT UF STELL MASONRY (E)  1 EA FRAME WI SAU.29 2 EA GUARDA SAU.20 3 EN GRADE CONTRAC SIGN EN CONTRAC SIGN EN CONTRAC SIGN EREC 2 EA SIGN EREC 4 ER		70	LF	PAINT PAVEMENT MARKING LINES
YPE B 0.06				(8")
250 LF PIPE REMC 300 TON INCIDENT, 730 TON ASPHALT ( B25,0B 1,000 TON ASPHALT ( COURSE, T 1,400 TON ASPHALT ( GRADE PG 200 TON ASPHALT ( GRADE PG 200 TON ASPHALT I REPAIR 2 EA TEMPORAL FOR MASONRY 4 EA FRAME WI 840,16 2 EA FRAME WI 840,16 2 EA FRAME WI 840,24 5 EA FRAME WI 840,29 2 EA FRAME WI 1,400 LF REPAIR 1,400 LF REPAIR 2 EA FRAME WI 1,400 LF STEEL BM 1,400 SY FILTER FA 1,500 SY FIL	AT CS PIPE ELBOWS, T	360	LF	PAINT PAVEMENT MARKING LINES (24")
300 TON INCIDENTA 730 TON ASPHALT O B25.0B  1,000 TON ASPHALT O COURSE, T  1,400 TON ASPHALT O TYPE S9.5E  170 TON ASPHALT O REPAIR  2 EA TEMPORAL FOR MASO STRUCTUF  4 EA FRAME WI 840.16  2 EA FRAME WI 840.24  5 EA FRAME WI 840.29  2 EA FRAME WI 840.29  1 EA FRAME WI 840.29  2 EA FRAME WI 1,400  1 FRAME WI 1,400  2 EA ADJUSTME VALVE BO 962.5 LF STEEL BM 125 LF STEEL BM 126 LF STEEL BM 127 DE TON 128 DE TON 1300  2 EA GUARDRA 350  690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 6 STEEL BM 10 SF CONTRAC 8 SIGN 10 SF CONTRAC 10 SIGN 10 SF CONTRAC 10 SIGN EREC 11 EA RELOCATE 10 DE TON 10 SEPTIME TO THE BEST OF THE		36	EA	PAINT PAVEMENT MARKING SYMBOL
730 TON ASPHALT 0 B25.0B 1,000 TON ASPHALT 0 COURSE, T 1,400 TON ASPHALT 1 TYPE 89.5E 170 TON ASPHALT 1 GRADE PG 200 TON ASPHALT 1 REPAIR 2 EA TEMPORAL 15 EA MASONRY 4 EA FRAME WI 840.16 2 EA FRAME WI 840.24 5 EA FRAME WI 840.29 2 EA FRAME WI 1,400 LF RAME WI 1,400 LF RAME WI 1,400 LF RAME WI 1,400 LF STELL BM 125 LF STEEL BM 126 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 6 SEPPORTS 2 EA SIGN REE 26 LF SUPPORTS 2 EA SIGN REE 2 EA SIGN RE		1,500	LF	REMOVAL OF PAVEMENT MARKING
B25.0B		,		LINES (4")
1,000 TON ASPHALT OF COURSE, TO COURSE, TO TYPE S9,58  170 TON ASPHALT OF TYPE S9,58  170 TON ASPHALT OF REPAIR  2 EA TEMPORAL FOR MASON STRUCTUF  15 EA MASONTY  4 EA FRAME WI 840,16  2 EA FRAME WI 840,29  2 EA FRAME WI 840,29  2 EA FRAME WI 840,3, TYP (E)  1 EA FRAME WI 1,400 LF ***"X ***" CO (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME VALVE BO 962.5 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350  690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 6 TON RIP SIGN RECONTRAC SIGN RE	ONC BASE COURSE, TYPE	45	LF	REMOVAL OF PAVEMENT MARKING
1,400 TON ASPHALT OF TYPE S9.5E  170 TON ASPHALT IN GRADE PG  200 TON ASPHALT IN REPAIR  2 EA TEMPORAL FOR MASO STRUCTUR  15 EA MASONRY  4 EA FRAME WING S40.24  5 EA FRAME WING S40.29  2 EA FRAME WING S40.29  2 EA FRAME WING S40.29  1 EA FRAME WING S40.29  2 EA FRAME WING S40.29  3 EA FRAME WING S40.29  4 EA FRAME WING S40.29  5 EA ADJUSTME WALVE BOOM  6 EA ADJUSTME WALVE BOOM  962.5 LF STEEL BM CURVED  5 EA ADDITION  2 EA GUARDRA 350  690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 6 TON PLAIN RIP 6 TON PLAIN RIP 7 TON PLAIN RIP 7 TON PLAIN RIP 8 TON PLAIN RIP 9 TON PLAIN	ONC INTERMEDIATE	4	EA	LINES (24") REMOVAL OF PAVEMENT MARKING
TYPE \$9.5E  170 TON ASPHALTI GRADE PG  200 TON ASPHALTI REPAIR  2 EA TEMPORAI FOR MASO STRUCTUR  15 EA MASONRY 4 EA FRAME WI 840.16  2 EA FRAME WI 840.24  5 EA FRAME WI 840.29  2 EA FRAME WI 1,400 LF ***X********************************		4	LA	SYMBOLS & CHARACTERS
170 TON ASPHALT I GRADE PG 200 TON ASPHALT I REPAIR 2 EA TEMPORAI FOR MASO STRUCTUR 15 EA MASONRY 4 EA FRAME WI 840.16 2 EA FRAME WI 840.24 5 EA FRAME WI 840.29 2 EA FRAME WI 1,400 LF ***"X ***" CC (8" X 18") 540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 10 STEEL BM 125 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM 126 LF STEEL BM 127 EA ADDITION 2 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 690 LF SUPPORTS 10 SF CONTRAC SIGN (E) 26 LF SUPPORTS 2 EA SIGN REC 26 LF SUPPORTS 2 EA SIGN REC 27 CATE 28 CONTRAC SIGN REC 28 CATE 10 CONTRAC SIGN REC 29 CONTRAC SIGN REC 20 LF SUPPORTS 2 EA SIGN REC 20 LF RELOCATE (D, E, OR F	ONC SURFACE COURSE,	86	EA	PERMANENT RAISED PAVEMENT
GRADE PG 200 TON ASPHALTI REPAIR 2 EA TEMPORAI FOR MASO STRUCTUF 15 EA MASONRY 4 EA FRAME WI 840.16 2 EA FRAME WI 840.24 5 EA FRAME WI 840.29 2 EA FRAME WI 840.03, TYT (E) 1 EA FRAME WI 1,400 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 10 STEEL BM 125 LF STEEL BM 125 LF STEEL BM 126 LF STEEL BM 127 TON 12 EA GUARDRA 350 690 LF REMOVE E 1920 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	INDER FOR PLANT MIX,			MARKERS
REPAIR   REPAIR   FOR MASO STRUCTUE		Lump Sum	LS	PORTABLE LIGHTING
2 EA TEMPORAL FOR MASO STRUCTUR 15 EA MASONRY 4 EA FRAME WI 840.16 2 EA FRAME WI 840.24 5 EA FRAME WI 840.29 2 EA FRAME WI 840.03, TYF (E) 1 EA FRAME WI 1,400 LF ***"X ***" C (8" X 18") 540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC SIGN (E) 26 LF SUPPORTS 2 EA SIGN REC 1 EA RELOCATE (D, E, OR F	LANT MIX, PAVEMENT	90	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS *******
FOR MASO STRUCTUF  15 EA MASONRY 4 EA FRAME WI 840.16 2 EA FRAME WI 840.24 5 EA FRAME WI 840.29 2 EA FRAME WI 840.03, TYF (E) 1 EA FRAME WI 1,400 LF ****X ******C (8" X 18") 540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 125 LF STEEL BM 126 LF STEEL BM 127 EA ADDITION 2 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F				(IV)
STRUCTUR	Y STEEL PLATE COVERS NRY DRAINAGE	90	TON	BEDDING MATERIAL, UTILITIES
4 EA FRAME WI 840.16 2 EA FRAME WI 840.24 5 EA FRAME WI 840.29 2 EA FRAME WI 840.29 2 EA FRAME WI 840.03, TYF (E) 1 EA FRAME WI 1,400 LF "*"X **" CONC 6 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 125 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 5 TON PLAIN RIP 6 SIGN (E) 26 LF SUPPORTS 2 EA SIGN EEC 1 EA RELOCATE (D, E, OR FE				CLASS ***********************************
840.16  2 EA FRAME WI 840.24  5 EA FRAME WI 840.29  2 EA FRAME WI 840.03, TYF (E)  1 EA FRAME WI 1,400 LF **"X **" CO (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME VALVE BO 962.5 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350  690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS 2 EA SIGN RECO TE A RELOCATE (D, E, OR FE)	DRAINAGE STRUCTURES	10	TON	PAVEMENT REPAIR FOR UTILITY
2 EA FRAME WI 840 24 5 EA FRAME WI 840 29 2 EA FRAME WI 840 03, TYF (E) 1 EA FRAME WI 1,400 LF **"X **" CO (8" X 18") 540 LF 2'-6" CONC 6 EA ADJUSTIME VALVE BO 962.5 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRACT SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	TH TWO GRATES, STD	10	1011	WORK
5 EA FRAME WI 840.29 2 EA FRAME WI 840.29 2 EA FRAME WI 840.03, TYF (E) 1 EA FRAME WI 1,400 LF ***"X ***" CV (8" X 18") 540 LF 2'-6" CONC 6 EA ADJUSTME VALVE BO 962.5 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM 20 GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC SIGN (E) 26 LF SUPPORTS 2 EA SIGN REC 1 EA RELOCATE (D, E, OR F	CHTWO CDATES STD	13	LF	***" COPPER WATER PIPE, TYPE K
840.29  2 EA FRAME WI 840.03, TYF (E)  1 EA FRAME WI 1,400 LF ***TX ***" CC (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME 19 EA ADJUSTME 125 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM 126 ADDITION 2 EA ADDITION 2 EA ADJUSTME 5 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	II I WO GRATES, STD	22	LF	(2") 1" COPPER WATER PIPE, TYPE K
2 EA FRAME WI 840.03, TYF (E)  1 EA FRAME WI 1,400 LF **"X **" CO (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME VALVE BO  962.5 LF STEEL BM 125 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	TH TWO GRATES, STD	1	EA	1" CORPORATION STOP
840.03, TYF (E)	W. GD. ATE & MOOD, GTD	1	EA	**" GATE VALVE & VALVE BOX,
(E)  1 EA FRAME WI 1,400 LF **"X **" CO (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME VALVE BO  962.5 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	TH GRATE & HOOD, STD			****WP
1,400 LF **"X **" CO (8" X 18")  540 LF 2'-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME VALVE BO  962.5 LF STEEL BM 125 LF STEEL BM CURVED  5 EA ADDITION 2 EA GUARDRA 350  690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	•		E.4	(2", 200# WP)
(8" X 18")  540 LF 2'-6" CONC  6 EA ADJUSTME  19 EA ADJUSTME  19 EA ADJUSTME  VALVE BO  962.5 LF STEEL BM  125 LF STEEL BM  125 LF GURVED  5 EA ADDITION  2 EA GUARDRA  350  690 LF REMOVE E  920 TON PLAIN RIP  5 TON PLAIN RIP  1,300 SY FILTER FA  10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS  2 EA SIGN EREC  1 EA RELOCATE (D, E, OR F	TH COVER, STD 840.54	1	EA	**" GATE VALVE & VALVE BOX, *****WP
540 LF 2-6" CONC 6 EA ADJUSTME 19 EA ADJUSTME VALVE BO 962.5 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	NCRETE CURB			(4", 200# WP)
6 EA ADJUSTME  19 EA ADJUSTME VALVE BO  962.5 LF STEEL BM  125 LF STEEL BM CURVED  5 EA ADDITION 2 EA GUARDRA 350  690 LF REMOVE E  920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	RETE CURB & GUTTER	1	EA	6" GATE VALVE & VALVE BOX,
19 EA ADJUSTME VALVE BO  962.5 LF STEEL BM  125 LF STEEL BM CURVED  5 EA ADDITION. 2 EA GUARDRA 350  690 LF REMOVE E  920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	NT OF MANHOLES	7	E.A	200# WP
962.5 LF STEEL BM 125 LF STEEL BM CURVED 5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	NT OF METER BOXES OR	7	EA	8" GATE VALVE & VALVE BOX, *****WP
125 LF STEEL BM CURVED  5 EA ADDITION  2 EA GUARDRA 350  690 LF REMOVE E  920 TON PLAIN RIP  5 TON PLAIN RIP  1,300 SY FILTER FA  10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS  2 EA SIGN EREC  1 EA RELOCATTE  (D, E, OR F	KES			(200# WP)
CURVED  5 EA ADDITION  2 EA GUARDRA 350  690 LF REMOVE E  920 TON PLAIN RIP  5 TON PLAIN RIP  1,300 SY FILTER FA  10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS  2 EA SIGN REC  1 EA RELOCATE (D, E, OR F	GUARDRAIL	2	EA	RELOCATE EXISTING WATER METER
5 EA ADDITION 2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	GUARDRAIL, SHOP	43	LF	10" DI SEWER PIPE, PC 350
2 EA GUARDRA 350 690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN REC 1 EA RELOCATE (D, E, OR F	AL GUARDRAIL POSTS	3	EA LF	SANITARY SEWER CLEAN-OUT GENERIC UTILITY ITEM
690 LF REMOVE E 920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN REC 1 EA RELOCATE (D, E, OR F	L ANCHOR UNITS, TYPE	100	LF	4" PVC SEWER PIPE, SCHEDULE 40
920 TON PLAIN RIP 5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F		2.8	LF	SEWER MANHOLE OUTSIDE DROP AS-
5 TON PLAIN RIP 1,300 SY FILTER FA 10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	XISTING GUARDRAIL			SEMBLY
1,300 SY FILTER FA  10 SF CONTRAC' SIGN (E)  26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATT (D, E, OR F		43	LF	FILL OR REMOVE ABANDONED **" PIPE. ********
10 SF CONTRAC' SIGN (E) 26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATT (D, E, OR F	RAP, CLASS B BRIC FOR DRAINAGE			(10", PVC SEWER)
SIGN (E)  26 LF SUPPORTS  2 EA SIGN EREC  1 EA RELOCATT (D, E, OR F	OR FURNISHED, TYPE ***	1	EA	GENERIC UTILITY ITEM
26 LF SUPPORTS 2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F	on on one of the one o	_		4" WATER METER & METER VAULT
2 EA SIGN EREC 1 EA RELOCATE (D, E, OR F		2	EA	GENERIC UTILITY ITEM 8" TRANSITION COUPLING (DI TO
1 EA RELOCATE (D, E, OR F	3-LB STEEL U-CHANNEL			CI WATER)
(D, E, OR F	HON, TYPE E SIGN. TYPE *****	1	EA	GENERIC UTILITY ITEM
				8" X 1" TAPPING SADDLE
	OF SIGN SYSTEM, U-	2	EA	GENERIC UTILITY ITEM 8" X 2" TAPPING SADDLE
CHANNEL	E GLOVIA (GEL-TIONAL PAR)	1	EA	GENERIC UTILITY ITEM
	E SIGNS (STATIONARY) E SIGNS (PORTABLE)			FIRE HYDRANT, 200# WP
	E SIGNS (PORTABLE) E SIGNS (BARRICADE	1	EA	GENERIC UTILITY ITEM REBUILD EXT SEWER MANHOLE
MOUNTED				REBUILD EAT SEWER MANHULE

370 TON PLAIN RIP RAP CLASS B

172 LF GENERIC UTILITY ITEM 18" STEEL ENCASEMENT PIPE, 0.250" THICK, BY BORING & JACK ING 10 LF GENERIC UTILITY ITEM 4" DI RESTRAINED JOINT WATER PIPE, PC 350 10 GENERIC UTILITY ITEM 6" DI RESTRAINED JOINT WATER PIPE, PC 350 GENERIC UTILITY ITEM 1 748 LF DI RESTRAINED JOINT WATER PIPE PC 350 110 LF GENERIC UTILITY ITEM CONC ARCH ENCASEMENT FOR RCP SEWER PIPE GENERIC UTILITY ITEM 2,885 LB DI RESTRAINED JOINT WATER PIPE FITTINGS 250 PSI MIN. WP 770 LF TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, 75 TON CLASS A STONE FOR EROSION CONTROL, 265 TON CLASS B 150 TON SEDIMENT CONTROL STONE TEMPORARY MULCHING 2.5 ACR 100 LB SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-TON 0.5 150 TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY EA 5 SLOPE DRAINS 565 CY SILT EXCAVATION 430 SY SYNTHETIC ROVING MATTING FOR EROSION CONTROL 430 SY260 LF 1/4" HARDWARE CLOTH STILLING BASINS 160 CY 3.5 ACR SEEDING & MULCHING 1.5 ACR MOWING 50 SEED FOR REPAIR SEEDING TON FERTILIZER FOR REPAIR SEEDING 0.25 SEED FOR SUPPLEMENTAL SEEDING 50 LB FERTILIZER TOPDRESSING 2.75 TON 220 LF IMPERVIOUS DIKE SPECIALIZED HAND MOWING 2.5 HR 8 EA RESPONSE FOR EROSION CONTROL 187 CY CULVERT DIVERSION CHANNEL SIGNAL CABLE 1,535 LF VEHICLE SIGNAL HEAD (12", 3 EA SECTION) 5 EA VEHICLE SIGNAL HEAD (12", 5 SECTION) 890 LF MESSENGER CABLE (3/8") 648 LF TRENCHING (UNPAVED) 6 EA JUNCTION BOX (STANDARD SIZE) 4 EA WOOD POLE GUY ASSEMBLY EA 1/2" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD EA 1,312 LF INDUCTIVE LOOP SAWCUT 1,045 LF LEAD-IN CABLE EΑ LOOP EMULATOR DETECTION SYSTEM 4 EA METAL STRAIN SIGNAL POLE EA METAL SIGNAL POLE FOUNDATION SIGN FOR SIGNALS 3 EA

#### CULVERT ITEMS

EA

1 EA 1 EA

9 EA

142,794

LB

SIGNAL CABINET FOUNDATION

CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)

CABINET BASE ADAPTER

GENERIC SIGNAL ITEM DETECTOR CHANNEL (TYPE 2070L)

REMOVAL OF EXISTING STRUCTURE AT STATION \*\*\*\*\*\*\*\*\*\* Lump Sum LS AT STATION (14+22.00 -L-) Lump Sum LS CULVERT EXCAVATION, STA \*\*\*\*\* (13+67.00 -L-) Lump Sum LS CULVERT EXCAVATION, STA \*\*\*\*\* (14+22.00 -L-) FOUNDATION CONDITIONING MATER-367 TON IAL, BOX CULVERT 798.3 CY CLASS A CONCRETE (CULVERT)

REINFORCING STEEL (CULVERT)

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L040316 015

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C201157 10CR.10841.2 DIV OFFICE ALBEMARLE LENGTH = 13.400 MI

**COUNTY** : STANLY

MILLING, SHOULDER RECONST, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE: NOV 15 2004

4 SECTIONS OF NC-200 AND 10 SECTIONS OF SECONDARY ROADS.

Lump Sun	n LS	MOBILIZATION
220	TON	INCIDENTAL STONE BASE
8.24	4 SMI	SHOULDER RECONSTRUCTION
2,710	) LF	DITCHING
29,803	3 SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
400	) SY	INCIDENTAL MILLING
9,01	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
6,47	5 TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,309	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
53	S SY	6" CONCRETE DRIVEWAY
14	1 EA	ADJUSTMENT OF MANHOLES
(	5 EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
50,16	l LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
43,095	5 LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	) LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
292	2 LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
:	B EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
18	B EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
6.2	2 ACR	SEEDING & MULCHING

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 016

CONTRACT ID: C201160 36704

DIV OFFICE NORTH WILKESBORO

LENGTH = 2.700 MI

SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE: NOV 15 2004

#### US-321A FROM US-321 TO SOUTH OF LAKESIDE DRIVE.

## ROADWAY ITEMS

: CALDWELL

Lump Sum	LS	MOBILIZATION
830	LB	SEALING EXISTING PAVEMENT CRACKS & JOINTS
350	TON	INCIDENTAL STONE BASE
5	SMI	SHOULDER RECONSTRUCTION
4,459	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
1,804	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
704	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
7,443	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
111	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
484	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
350	TON	PATCHING EXISTING PAVEMENT
250	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
1	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
5	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
26,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
19,140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
60,000	LF	PAINT PAVEMENT MARKING LINES (4")
178	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3.5	ACR	SEEDING & MULCHING
25	LF	TRENCHING (PAVED)
20	LF	TRENCHING (UNPAVED)
2	EA	JUNCTION BOX (STANDARD SIZE)
500	LF	INDUCTIVE LOOP SAWCUT

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L040316 017

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

CONTRACT ID: C200804 33043.3.2 DIV OFFICE ASHEVILLE LENGTH = 0.350 MI

COUNTY : BUNCOMBE

50 EA DRUMS

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE: DEC 31 2005

## BRIDGE OVER SOUTH HOMINY CREEK & APPROACHED ON NC-151.

			160		DARRIGA DEG (EVIDE III)
		ROADWAY ITEMS	160	LF	BARRICADES (TYPE III)
			400	HR	FLAGGER TEMPORARY RAISED RAVIEMENT
			49	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION	5,361	LF	THERMOPLASTIC PAVEMENT MARKING
1	EA	SEALING ABANDONED WELLS	5,501		LINES (4", 90 MILS)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	5,256	LF	THERMOPLASTIC PAVEMENT MARKING
		FILL, STATION ************************************	-,		LINES (4", 120 MILS)
I C	1.0	(21+86 -L-)	55	LF	THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	GRADING			LINES (24", 120 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	23,390	LF	PAINT PAVEMENT MARKING LINES
90	CY	UNDERCUT EXCAVATION			(4")
500	TON	CLASS IV SUBGRADE STABILIZA-	80	LF	PAINT PAVEMENT MARKING LINES
200	10	TION	49	EA	(24")
160	CY	DRAINAGE DITCH EXCAVATION	49	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
500	CY	SELECT GRANULAR MATERIAL	325	LF	TEMPORARY SILT FENCE
500	SY	FABRIC FOR SOIL STABILIZATION	175	TON	STONE FOR EROSION CONTROL,
32	TON	FOUNDATION CONDITIONING MATE-			CLASS A
		RIAL, MINOR STRS	625	TON	STONE FOR EROSION CONTROL,
204	LF	15" SIDE DRAIN PIPE			CLASS B
48	LF	15" RC PIPE CULVERTS, CLASS	225	TON	SEDIMENT CONTROL STONE
		III	4.5	ACR	TEMPORARY MULCHING
44	LF	15" BIT COAT CS PIPE CULVERTS,	150	LB	SEED FOR TEMPORARY SEEDING
2	F.4	TYPE B 0.064" THICK	0.75	TON	FERTILIZER FOR TEMPORARY SEED-
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			ING
72	LF	PIPE REMOVAL	60	LF	TEMPORARY SLOPE DRAINS
3,400	TON	AGGREGATE BASE COURSE	3	EA	INLET PROTECTION AT TEMPORARY
300	TON	INCIDENTAL STONE BASE			SLOPE DRAINS
1,800	GAL	PRIME COAT	1,850	CY	SILT EXCAVATION
1,800	TON		700	SY	SYNTHETIC ROVING
100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	975	SY	MATTING FOR EROSION CONTROL
1,200	TON	ASPHALT CONC INTERMEDIATE	175	LF	1/4" HARDWARE CLOTH
1,200	1011	COURSE, TYPE I19.0B	4.5		SEEDING & MULCHING
1,250	TON	ASPHALT CONC SURFACE COURSE,	2.5	ACR	MOWING
		TYPE S9.5B	50	LB	SEED FOR REPAIR SEEDING
145	TON	ASPHALT BINDER FOR PLANT MIX,	0.25	TON	FERTILIZER FOR REPAIR SEEDING
		GRADE PG 64-22	100	LB	SEED FOR SUPPLEMENTAL SEEDING
20	TON	ASPHALT PLANT MIX, PAVEMENT	3.25	TON	FERTILIZER TOPDRESSING
		REPAIR	1.5	HR	SPECIALIZED HAND MOWING
36	EA	RIGHT OF WAY MARKERS	12	EA	RESPONSE FOR EROSION CONTROL
50	CY	SUBDRAIN EXCAVATION	1	ACR	REFORESTATION
40	CY	SUBDRAIN FINE AGGREGATE			
200	LF	4" PERFORATED SUBDRAIN PIPE			
6	EA	4" SUBDRAIN PIPE WYES, TEES, & ELBOWS			STRUCTURE ITEMS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE			STREET CRETTEINS
1	LA	OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
1	EA	MASONRY DRAINAGE STRUCTURES	Zump Jum	Lo	AT STATION ********
1	EA	FRAME WITH TWO GRATES, STD			(21+86.50 -L-)
		840.24	3,527	SF	REINFORCED CONCRETE DECK SLAB
65	LF	SHOULDER BERM GUTTER	3,052	SF	GROOVING BRIDGE FLOORS
325	LF	STEEL BM GUARDRAIL	64.2	CY	CLASS A CONCRETE (BRIDGE)
100	LF	STEEL BM GUARDRAIL, SHOP	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		CURVED			**************************************
2	EA	STEEL BM GUARDRAIL TERMINAL	0.836	I D	
_		SECTIONS	9,836 409.43	LB LF	REINFORCING STEEL (BRIDGE) 54" PRESTRESSED CONCRETE GIR-
5	EA	ADDITIONAL GUARDRAIL POSTS	409.43	LI	DERS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	560	LF	HP12X53 STEEL PILES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	150.65	LF	TWO BAR METAL RAIL
4	LA	III	165.81	LF	1'-**"X *****" CONCRETE PARA-
3	EA	GUARDRAIL ANCHOR UNITS, TYPE			PET
		350			(1'-2" X 30")
45	TON	PLAIN RIP RAP, CLASS B	233	TON	PLAIN RIP RAP CLASS II (2'-0"
702	SY	FILTER FABRIC FOR DRAINAGE			THICK)
48	SF	CONTRACTOR FURNISHED, TYPE ***	258	SY	FILTER FABRIC FOR DRAINAGE
		SIGN	Lump Sum	LS	ELASTOMERIC BEARINGS
_		(E)	Lump Sum	LS	EVAZOTE JOINT SEALS
96	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
8	EA	SIGN ERECTION, TYPE E			
15	EA	DISPOSAL OF SIGN SYSTEM, U-			
70	SF	CHANNEL WORK ZONE SIGNS (STATIONARY)			
78 128	SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)			
93	SF	WORK ZONE SIGNS (FOR TABLE) WORK ZONE SIGNS (BARRICADE			
73	91	MOUNTED)			
50	EΛ	DRIMS			

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 018

CONTRACT ID: C201148 37230 DIV OFFICE ASHEVILLE

LENGTH = 2.010 MI

**COUNTY** : **BUNCOMBE** 

WIDENING, DRAINAGE, SHDR RECONST, GUARDRAIL & RESURFACING.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 01 2004

#### **NC-112 FROM NC-191 TO EAST OF SR-3412.**

Lump Sum	LS	MOBILIZATION
150	LF	42" RC PIPE CULVERTS, CLASS III
150	TON	INCIDENTAL STONE BASE
4.02	SMI	SHOULDER RECONSTRUCTION
3,172	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,140	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
341	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
750	LF	STEEL BM GUARDRAIL
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
21,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
22,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1	EA	RELOCATE EXISTING WATER METER
3	EA	RELOCATE EXISTING FIRE HYDRANT

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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 019 **CONTRACT ID: C201149** 37240 DIV OFFICE ASHEVILLE LENGTH = 2.342 MI

COUNTY : MADISON

WIDENING, MILLING, SHLDR RECONST, GUARDRAIL & RESURFACING.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 01 2004

SR-1609 FROM NORTH OF SR-1353 TO SOUTH OF SR-1559 IN MARS HILL.

Lump Sum	LS	MOBILIZATION
73	TON	INCIDENTAL STONE BASE
3.71	SMI	SHOULDER RECONSTRUCTION
9,587	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
3,237	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
2,766	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
305	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
90	TON	PATCHING EXISTING PAVEMENT
7	EA	WHEELCHAIR RAMPS
3	EA	ADJUSTMENT OF DROP INLETS
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,300	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
530	LF	REMOVE EXISTING GUARDRAIL
20,010	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
25,220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
60	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
7,914	LF	PAINT PAVEMENT MARKING LINES (4")
2	EA	RELOCATE EXISTING WATER METER
1	EΛ	DELOCATE EVICTING EIDE HVDD ANT

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 020

CONTRACT ID: C201150 37244 DIV OFFICE ASHEVILLE LENGTH = 11.970 MI

**COUNTY** : YANCEY

WIDENING, SHLDR RECONST, RESURFACING, GUARDRAIL & PVT MRKGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 01 2004

## NC-80 FROM US-19E TO SR-1205.

Lump Sum	LS	MOBILIZATION
599	TON	INCIDENTAL STONE BASE
23.94	SMI	SHOULDER RECONSTRUCTION
9,393	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
14,356	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,337	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
110	TON	PATCHING EXISTING PAVEMENT
975	LF	STEEL BM GUARDRAIL
25	LF	STEEL BM GUARDRAIL, SHOP CURVED
98	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,200	LF	REMOVE EXISTING GUARDRAIL
126,360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
126,360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)

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## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040316 021

**CONTRACT ID: C201151** 37251

**DIV OFFICE ASHEVILLE** 

LENGTH = 1.180 MI

COUNTY : MCDOWELL

WIDENING, DRAINAGE, PAVING, C&G, GUARDRAIL & PVMT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: NOV 01 2004

US-70 FROM NC-80 (LAKE TAHOMA RD) TO SR-1197 (ROBY CONLEY RD).

Lump Sum	LS	MOBILIZATION
Lump Sum 1	LS ACR	GRADING SUPPLEMENTARY CLEARING & GRUB-
245	TON	BING FOUNDATION CONDITIONING MATE-
107	TE	RIAL, MINOR STRS
187 104	LF LF	15" SIDE DRAIN PIPE 18" SIDE DRAIN PIPE
32	LF	24" SIDE DRAIN PIPE
1,531	LF	15" RC PIPE CULVERTS, CLASS
54	LF	III 18" RC PIPE CULVERTS, CLASS
24	LF	III 24" RC PIPE CULVERTS, CLASS
1,108	LF	III 30" RC PIPE CULVERTS, CLASS
350	LF	III PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
4,600	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (0" TO 2")
7,938	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
939	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
3,659	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
403	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
254	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
88	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
4.5	CY	ENDWALLS
0.7	CY	PIPE COLLARS
27	EA	MASONRY DRAINAGE STRUCTURES
7.5	LF	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH GRATE, DETAIL 840.****
15	EA	(840.16) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
4	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
3	EA	(F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	EA	FRAME WITH COVER, STD 840.54
1,973	LF	**"X **" CONCRETE CURB
8,790	LF	(8" X 6") 2'-6" CONCRETE CURB & GUTTER
877	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF MANHOLES
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
2	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
25	LF	STEEL BM GUARDRAIL
10	EA	GUARDRAIL ANCHOR UNITS, TYPE *************
2	EA	(III FOR POST & BEAM RAIL) GUARDRAIL ANCHOR UNITS, TYPE ********
1	EA	(III, SHOP CURVED) GUARDRAIL ANCHOR UNITS, TYPE 350
1,371	LF	REMOVE & RESET EXISTING GUARD- RAIL
550	LF	REMOVE EXISTING GUARDRAIL
10	TON	PLAIN RIP RAP, CLASS B
28	SY	FILTER FABRIC FOR DRAINAGE
166	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	CHANGEABLE MESSAGE SIGNS

125	EA	DRUMS
40	EA	CONES
1,600	LF	BARRICADES (TYPE III)
12,403	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
41	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
24	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
67,900	LF	PAINT PAVEMENT MARKING LINES (4")
27,625	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
6,415	LF	TEMPORARY SILT FENCE
10	TON	STONE FOR EROSION CONTROL, CLASS B
170	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED-ING
1,150	SY	SYNTHETIC ROVING
575	SY	MATTING FOR EROSION CONTROL
192	SY	PERMANENT SOIL REINFORCEMENT MAT
840	LF	1/4" HARDWARE CLOTH
3.5	ACR	SEEDING & MULCHING
1.7	ACR	MOWING
515	SY	SODDING
9	M/G	WATER
8	EA	RESPONSE FOR EROSION CONTROL

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L040316 022

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

CONTRACT ID: C200789 33092.3.2 DIV OFFICE SYLVA LENGTH = 0.167 MI

**COUNTY** : **HENDERSON** 

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE: DEC 31 2005

#### BRIDGE OVER HICKORY NUT CREEK & APPROACHES ON US-74A.

RC	Δ	nw	$\Delta V$	ITE	MS

		ROADWAY HEMS
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
100	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
23	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	15" RC PIPE CULVERTS, CLASS III
102	LF	15" CS PIPE CULVERTS, 0.064" THICK
64	LF	54" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK
294	LF	PIPE REMOVAL
900	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
90	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
210	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
450	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
41	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
6	CY	PIPE COLLARS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
130	LF	SHOULDER BERM GUTTER
200	EA	MODIFIED CONCRETE FLUME
200 50	LF LF	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP
10	EA	CURVED
10	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE
1	LA	******************* (III, SHOP CURVED)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
150	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
		******* TEMPORARY (III)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
6	TON	PLAIN RIP RAP, CLASS B
246	SY	FILTER FABRIC FOR DRAINAGE
250	SF	WORK ZONE SIGNS (STATIONARY)
74	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
34	EA	DRUMS
120	LF	BARRICADES (TYPE III)
100	HR	FLAGGER

4 EA WARNING LIGHTS (TYPE B)
55 EA TEMPORARY RAISED PAVEMENT
MARKERS

(4")

(24")

1,658 LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,720 LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
27 LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16,246 LF PAINT PAVEMENT MARKING LINES

64 LF PAINT PAVEMENT MARKING LINES

22	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
6	EA	7' U-CHANNEL POSTS
6	EA	OBJECT MARKERS (END OF ROAD)
380	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
325	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED-ING
330	CY	SILT EXCAVATION
330 340	CY SY	SILT EXCAVATION SYNTHETIC ROVING
340	SY	SYNTHETIC ROVING
340 700	SY SY	SYNTHETIC ROVING MATTING FOR EROSION CONTROL
340 700 25	SY SY LF	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH
340 700 25	SY SY LF ACR	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH SEEDING & MULCHING
340 700 25 1 0.5	SY SY LF ACR ACR	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH SEEDING & MULCHING MOWING
340 700 25 1 0.5 50	SY SY LF ACR ACR LB	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING
340 700 25 1 0.5 50 0.25	SY SY LF ACR ACR LB TON	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING
340 700 25 1 0.5 50 0.25 50	SY SY LF ACR ACR LB TON LB	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
340 700 25 1 0.5 50 0.25 50	SY SY LF ACR ACR LB TON LB	SYNTHETIC ROVING MATTING FOR EROSION CONTROL 1/4" HARDWARE CLOTH SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING

#### STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ********************************
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
28.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION **********
		(14+92.50 -L-)
4,608	LB	REINFORCING STEEL (BRIDGE)
120	LF	HP12X53 STEEL PILES
65.5	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
458.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
51	LF	GENERIC STRUCTURE ITEM PILE EXCAVATION IN SOIL
49	LF	GENERIC STRUCTURE ITEM PILE EXCAVATION NOT IN SOIL

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

L040316 023

CONTRACT ID: C200813

33102.3.1

**DIV OFFICE SYLVA** 

LENGTH = 0.108 MI

COUNTY : MACON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE: APR 15 2005

## BRIDGE OVER CARTOOGECHAYE CREEK & APPROACHES ON SR-1470.

## ROADWAY ITEMS

## STRUCTURE ITEMS

		ROADWATTEMS			STRUCTURE ITEMS
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-			
4	TON	BING FOUNDATION CONDITIONING MATE-	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
32	LF	RIAL, MINOR STRS  15" BIT COAT CS PIPE CULVERTS,  TYPE D 0.044" THICK	35.4	LF	(15+52.00 -L-) **'-**" DIA DRILLED PIERS IN
4	EA	TYPE B 0.064" THICK 15" BIT COAT CS PIPE ELBOWS,			SOIL (3'-6")
150	TON	TYPE B 0.064" THICK INCIDENTAL STONE BASE	44	LF	**'-**" DIA DRILLED PIERS NOT
100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	40.0	LE	IN SOIL (3'-6")  PERMANENT STEEL CASING FOR
160	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A	40.9	LF	PERMANENT STEEL CASING FOR  **'_**" DIA DRILLED PIER  (3'-6")
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1 331.2	EA LF	CROSSHOLE SONIC LOGGING CSL TUBES
2	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
2	EA	FRAME WITH TWO GRATES, STD 840.29	Zump oum	Lo	TION AT STATION ************************************
35	LF	SHOULDER BERM GUTTER	4,141	SF	REINFORCED CONCRETE DECK SLAB
5	EA	ADDITIONAL GUARDRAIL POSTS	3,308	SF	GROOVING BRIDGE FLOORS
112.5	LF	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL	73.7 Lump Sum	CY LS	CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION
4	EA	WEATHERING STEEL W/ WOOD POSTS GENERIC GUARDRAIL ITEM			**************************************
		GUARDRAIL ANCHOR UNITS,	15,474	LB	REINFORCING STEEL (BRIDGE)
4	EA	TYPE III , WEATHERING STEEL GENERIC GUARDRAIL ITEM	2,364	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
• • • • •		GUARDRAIL ANCHOR UNITS, TYPE350, WEATHERING STEEL	620.34	LF	45" PRESTRESSED CONCRETE GIR- DERS
2,000	LF	** STRAND BARBED WIRE FENCE WITH POSTS	180 300.69	LF LF	HP12X53 STEEL PILES ONE BAR METAL RAIL
800	LF	(6) TEMP **" WOVEN WIRE FENCE,	******		(ANODIZED)
		COMPLETE W/POSTS (47")	315.69	LF	1'-**"X *****" CONCRETE PARA- PET
62	TON	PLAIN RIP RAP, CLASS B	1 000	TON	(1'-0" x 18")
850	SY	FILTER FABRIC FOR DRAINAGE	1,888	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
192	SF	WORK ZONE SIGNS (STATIONARY)	2,098	SY	FILTER FABRIC FOR DRAINAGE
134	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	ELASTOMERIC BEARINGS
96	LF	BARRICADES (TYPE III)	Lump Sum 21,460	LS LB	EVAZOTE JOINT SEALS GENERIC STRUCTURE ITEM
275 75	LF TON	TEMPORARY SILT FENCE STONE FOR EROSION CONTROL,	21,400	LD	GLASS FIBER REINFORCED POLYMER
125	TON	CLASS A STONE FOR EROSION CONTROL,			
50	TON	CLASS B SEDIMENT CONTROL STONE			
1.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED-ING			
30	LF	TEMPORARY SLOPE DRAINS			
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
200	CY	SILT EXCAVATION			
225	SY	SYNTHETIC ROVING			
425	SY	MATTING FOR EROSION CONTROL			
50	LF	1/4" HARDWARE CLOTH			
	ACR	SEEDING & MULCHING			
1 50	ACR LB	MOWING SEED FOR REDAIR SEEDING			
0.25	TON	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING			
0.25	LB	SEED FOR SUPPLEMENTAL SEEDING			
	TON	FERTILIZER TOPDRESSING			
1.23	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			
		REFORESTATION			