



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

August 24, 2004

NOTICE TO: All Prequalified Contractors

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

A handwritten signature in black ink, appearing to read "R.A. Garris", written over the printed name and title.

Re: Good Faith Effort Reports

Those contractors who did not meet or exceed the goals set for their respective projects must submit a complete set of Good Faith Effort reports by 12:00 noon of the sixth day following opening of bids. For a complete set, the Department requires one (1) original and nine (9) copies (for a total of ten) of the report. Please see the project Special Provisions for details and for the sanctions that may be imposed by the Department where the bidder fails to provide the required information by the deadline.

The Goal Compliance Committee reviews and makes recommendations regarding Good Faith Effort reports which are submitted to the Department. The Committee would like to request that bidders include with their Good Faith Effort reports a spreadsheet showing a comparison of all subcontractors' quotes. An example spreadsheet can be obtained from Mr. Greg Keel, PE in Contractual Services. He can be reached at (919) 733-7174 or [gkeel@dot.state.nc.us](mailto:gkeel@dot.state.nc.us). Email requests are recommended. Please place in the subject line of your email request: **Subcontractor Quote Comparison Spreadsheet**. This document greatly facilitates the review process. In the near future, this will be added to the project Special Provisions. Your cooperation with this request is appreciated.

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

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACTS & PROPOSALS  
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  
BUILDING B - ENTRANCE B 15  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC

**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 PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON NOVEMBER 16, 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, PROJECT 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 OCTOBER 19, 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	A. W. Roper	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	J. H. Trogden	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	T. Johnson	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	M. A. Pettyjohn	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain, Jr.	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	J. B. Setzer	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

**Bid Letting Number** L041116

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C201305	34540 ETC.	DUPLIN, SAMPSON	44.120 MI	WIDENING, MILLING, & RESURFACING.
002	C201307	39181 ETC.	BRUNSWICK	17.710 MI	WIDENING, MILLING, RESURFACING & GUARDRAIL.
003	C200964	33322.3.2	NASH	0.370 MI	GRADING, DRAINAGE, SIGNALS, PAVING & STRUCTURE.
004	C201124	33487.3.1	HALIFAX	0.161 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
005	C201238	36691.3.1	JOHNSTON, WILSON	8.000 MI	PAVEMENT REHABILITATION, RESURFACING & GUARDRAIL.
006	C200825	32780.3.2	DURHAM, CHATHAM	0.528 MI	GRADING, DRAINAGE, PAVING, MITIGATION & STRUCTURE.
007	C201192	34512.3.1	DURHAM	0.786 MI	WIDENING, GRADING, DRAINAGE, PAVING & SIGNALS.
008	C201322	5CR.10931.3 ETC.	WARREN	10.820 MI	MILLING, RESURFACING, SHLDR RECONST & PVMT MARKINGS.
009	C201323	5CR.10731.3 ETC.	PERSON	17.400 MI	MILLING, RESURFACING, SHLDR RECONST & PVMT MARKINGS.
010	C200970	34336.3.8	ROBESON	14.392 KM	GRADING, DRAINAGE, PAVING, GUIDERAIL, SIGNALS & STRUCTURES.
011	C201010	34885.3.2	CUMBERLAND	3.110 KM	GRADING, DRAINAGE, PAVING & SIGNALS.
012	C201321	39398 ETC.	ROBESON	43.710 MI	MILLING, RESURFACING, SHOULDER RECONSTRUCTION & SIGNALS.
013	C201317	37971 ETC.	BLADEN, COLUMBUS	55.690 MI	MILLING, RESURFACING, SHLDR RECONST, SIGNALS & PVMT MRKGS.
014	C201316	39400 ETC.	HARNETT, CUMBERLAND	68.190 MI	MILLING, RESURFACING, SHOULDER RECONSTRUCTION & SIGNALS.
015	C201285	37427	ORANGE	3.840 MI	WIDENING, MILLING, RESURFACING, GUARDRAIL & PVMT MARKINGS.
016	C201286	39278	GUILFORD	5.920 MI	WIDENING, RESURFACING & PAVEMENT MARKINGS.
017	C201287	39280	GUILFORD	5.280 MI	WIDENING, MILLING, RESURFACING & PAVEMENT MARKINGS.
018	C201311	34632.3.1	ORANGE	3.659 MI	WEIGH STATION UPGRADE.
019	C201312	7CR.10171.5 ETC.	CASWELL, ROCKINGHAM	14.980 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
020	C201313	7CR.10011.5 ETC.	ALAMANCE, GUILFORD	15.440 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
021	C201314	7CR.10681.3 ETC.	ORANGE, CASWELL	15.820 MI	MILLING, RESURFACING, & PAVEMENT MARKINGS.
022	C201315	7CR.10411.7 ETC.	GUILFORD	10.642 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION
023	C201319	33235.2.2	ROCKINGHAM	0.180 MI	GRADING, DRAINAGE, PAVING & CULVERT.
024	C200895	34431.3.6	LEE	1.974 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
025	C201318	33120.3.1	RANDOLPH	0.227 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
026	C201069	34468.3.3	DAVIDSON	5.667 KM	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
027	C201071	33454.2.2	DAVIDSON	0.237 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
028	C201263	38741.3.1	CABARRUS	4.550 MI	PAVEMENT REHABILITATION.
029	C201210	34209.2.3	SURRY, YADKIN	0.743 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.

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

**Bid Letting Number** L041116

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
030	C200910	34383.3.4	LINCOLN	7.788 KM	GRADING, DRAINAGE, Y-LINE PAVING & STRUCTURES.
031	C200911	34383.3.6	CATAWBA, LINCOLN	9.646 KM	WIDENING, GRADING, DRAINAGE, Y-LINE PAVING & STRUCTURES.
032	C201309	34383.3.4 ETC.	LINCOLN, CATAWBA	17.434 KM	WIDENING, GRADING, DRAINAGE, Y-LINE PAVING & STRUCTURES.
033	C201067	34799.3.1	GASTON	4.642 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
034	C201073	33212.3.1	JACKSON	0.119 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
035	C201306	33093.3.1	HENDERSON	0.095 MI	GRADING, DRAINAGE, PAVING & CULVERT.

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 001

CONTRACT ID : C201305 34540

DIV OFFICE WILMINGTON

LENGTH = 44.120 MI

COUNTY : DUPLIN, SAMPSON

WIDENING, MILLING, &amp; RESURFACING.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : JUN 15 2006

NC-41 FROM EAST OF MUDDY CREEK TO BEAULEVILLE CITY LIMITS &amp; 15 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1	SMI	GENERIC GRADING ITEM
		GRADING
240	LF	*** CAA PIPE CULVERTS, *****
		THICK
		(18", 0.064")
740	TON	INCIDENTAL STONE BASE
5,637	CY	SHOULDER BORROW
35	SMI	SHOULDER RECONSTRUCTION
800	SY	INCIDENTAL MILLING
690	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
8,289	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0C
41,472	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE 119.0C
24,444	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
28,809	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
360	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A (LEVELING COURSE)
4,231	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
1,467	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 70-22
50,825	SY	ASPHALT SURFACE TREATMENT, MAT
		COAT, #6 STONE
3,375	LF	MILLED RUMBLE STRIPS
511	TON	GENERIC PAVING ITEM
		PATCHING EXIST PAVEMENT (FULL
		DEPTH)
4,704	TON	GENERIC PAVING ITEM
		PATCHING EXIST PAVEMENT (MILL)
7,400	LF	GENERIC PAVING ITEM
		CRACK PATCHING
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
450	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
18	EA	GUARDRAIL ANCHOR UNITS, TYPE
		350
174,236	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
107,710	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
660	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 90 MILS)
192	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120MIL)
116	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
1,079,592	LF	PAINT PAVEMENT MARKING LINES
		(4")
660	LF	PAINT PAVEMENT MARKING LINES
		(8")
192	LF	PAINT PAVEMENT MARKING LINES
		(24")
12	EA	PAINT PAVEMENT MARKING CHARAC-
		TER
116	EA	PAINT PAVEMENT MARKING SYMBOL
850	EA	PERMANENT RAISED PAVEMENT
		MARKERS
1,871	EA	SNOWPLOWABLE PAVEMENT MARKERS
24.68	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 002

CONTRACT ID : C201307 39181

DIV OFFICE WILMINGTON

LENGTH = 17.710 MI

COUNTY : BRUNSWICK

WIDENING, MILLING, RESURFACING &amp; GUARDRAIL.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : NOV 01 2005

US-17 FROM US-17 BUS TO SHALLOTTE CITY LIMITS, NC-133 FROM SR-1190 TO S OF NC-211 & 1 SECT OF NC-87  
& 1 SECONDARY RD.

		ROADWAY ITEMS		Lump Sum	LS	PORTABLE LIGHTING
				200	LF	TEMPORARY SILT FENCE
				24.6	ACR	SEEDING & MULCHING
				2,700	LF	INDUCTIVE LOOP SAWCUT
Lump Sum	LS	MOBILIZATION				
5,504	CY	BORROW EXCAVATION				
21	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS				
96	LF	18" RC PIPE CULVERTS, CLASS III				
1	EA	*** PIPE END SECTION (18")				
100	LF	*** CAA PIPE CULVERTS, ***** THICK (15", 0.064")				
270	TON	INCIDENTAL STONE BASE				
34.09	SMI	SHOULDER RECONSTRUCTION				
5,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")				
30,200	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2-1/2")				
18,300	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 5")				
3,280	SY	INCIDENTAL MILLING				
3,484	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B				
13,282	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B				
4,016	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C				
15,283	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)				
31,135	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C				
1,889	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22				
1,868	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22				
824	TON	GENERIC PAVING ITEM PATCHING EXIST PAVEMENT (FULL DEPTH)				
520	TON	GENERIC PAVING ITEM PATCHING EXIST PAVEMENT (MILLING)				
0.447	CY	PIPE COLLARS				
1	EA	MASONRY DRAINAGE STRUCTURES				
4	EA	STEEL FRAME WITH TWO GRATES, STD 840.37				
1	EA	ADJUSTMENT OF DROP INLETS				
5	EA	ADJUSTMENT OF MANHOLES				
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
3	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFFIC BEARING DROP INLET				
22	LF	STEEL BM GUARDRAIL				
5	EA	ADDITIONAL GUARDRAIL POSTS				
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77				
146,427	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
62,586	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
2,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
262,463	LF	PAINT PAVEMENT MARKING LINES (4")				
2,450	LF	PAINT PAVEMENT MARKING LINES (8")				
31	EA	PAINT PAVEMENT MARKING SYMBOL				
310	EA	PERMANENT RAISED PAVEMENT MARKERS				
1,369	EA	SNOWPLOWABLE PAVEMENT MARKERS				



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

L041116 003

CONTRACT ID : C200964 33322.3.2

DIV OFFICE WILSON

LENGTH = 0.370 MI

COUNTY : NASH

GRADING, DRAINAGE, SIGNALS, PAVING &amp; STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER STONEY CREEK AND APPROACHES ON SR-1603.

Lump Sum		ROADWAY ITEMS				
	LS	MOBILIZATION		165	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	LS	GRADING		3	EA	SIGN ERECTION, TYPE E
	1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	3	EA	RELOCATE SIGN, TYPE ***** (D)
400	CY	UNDERCUT EXCAVATION		2	EA	RELOCATE SIGN, TYPE ***** (E)
200	CY	DRAINAGE DITCH EXCAVATION		17	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
500	CY	SELECT GRANULAR MATERIAL		5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
500	SY	FABRIC FOR SOIL STABILIZATION		224	SF	WORK ZONE SIGNS (STATIONARY)
425	SF	TEMPORARY SHORING - BARRIER SUPPORTED		48	SF	WORK ZONE SIGNS (PORTABLE)
160	LF	15" SIDE DRAIN PIPE		42	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
56	LF	18" SIDE DRAIN PIPE		6	EA	WARNING FLAG SETS
72	LF	24" RC PIPE CULVERTS, CLASS III		20	EA	DRUMS
60	LF	18" CS PIPE CULVERTS, 0.064" THICK		14	EA	CONES
154	LF	24" CS PIPE CULVERTS, 0.064" THICK		72	LF	BARRICADES (TYPE III)
64	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		240	HR	FLAGGER
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		1	EA	TEMPORARY CRASH CUSHIONS
300	LF	PIPE REMOVAL		500	LF	PORTABLE CONCRETE BARRIER
1,080	TON	AGGREGATE BASE COURSE		80	EA	TEMPORARY RAISED PAVEMENT MARKERS
300	TON	INCIDENTAL STONE BASE		31,626	LF	PAINT PAVEMENT MARKING LINES (4")
815	GAL	PRIME COAT		40	LF	PAINT PAVEMENT MARKING LINES (8")
1,080	SY	INCIDENTAL MILLING		312	LF	PAINT PAVEMENT MARKING LINES (24")
1,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		80	EA	PERMANENT RAISED PAVEMENT MARKERS
840	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B		870	LF	TEMPORARY SILT FENCE
1,840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		150	TON	STONE FOR EROSION CONTROL, CLASS A
203	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		710	TON	STONE FOR EROSION CONTROL, CLASS B
30	EA	RIGHT OF WAY MARKERS		210	TON	SEDIMENT CONTROL STONE
23	CY	SUBDRAIN EXCAVATION		10	ACR	TEMPORARY MULCHING
17	CY	SUBDRAIN FINE AGGREGATE		350	LB	SEED FOR TEMPORARY SEEDING
100	LF	6" PERFORATED SUBDRAIN PIPE		1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS		50	LF	TEMPORARY SLOPE DRAINS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
6	LF	6" OUTLET PIPE (SUBDRAINS)		1,450	CY	SILT EXCAVATION
1.1	CY	PIPE COLLARS		1,750	SY	MATTING FOR EROSION CONTROL
4	EA	MASONRY DRAINAGE STRUCTURES		165	SY	PERMANENT SOIL REINFORCEMENT MAT
3	EA	FRAME WITH TWO GRATES, STD 840.29		40	LF	1/4" HARDWARE CLOTH
1	EA	FRAME WITH COVER, STD 840.54		55	SY	FLOATING TURBIDITY CURTAIN
1,900	SF	GENERIC GRADING ITEM (SF) TEMPORARY FABRIC WALL		10	ACR	SEEDING & MULCHING
20	LF	SHOULDER BERM GUTTER		6	ACR	MOWING
250	LF	STEEL BM GUARDRAIL		100	LB	SEED FOR REPAIR SEEDING
75	LF	STEEL BM GUARDRAIL, SHOP CURVED		0.25	TON	FERTILIZER FOR REPAIR SEEDING
5	EA	ADDITIONAL GUARDRAIL POSTS		250	LB	SEED FOR SUPPLEMENTAL SEEDING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1		7.25	TON	FERTILIZER TOPDRESSING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III		1.5	HR	SPECIALIZED HAND MOWING
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350		8	EA	RESPONSE FOR EROSION CONTROL
150	LF	TEMPORARY STEEL BM GUARDRAIL		0.5	ACR	REFORESTATION
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)		670	LF	SIGNAL CABLE
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY		8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
2	TON	PLAIN RIP RAP, CLASS A		510	LF	MESSENGER CABLE (3/8")
13	TON	PLAIN RIP RAP, CLASS B		1,180	LF	TRENCHING (UNPAVED)
343	SY	FILTER FABRIC FOR DRAINAGE		7	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON		6	EA	WOOD POLE
19	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)		8	EA	GUY ASSEMBLY
				1	EA	1" RISER WITH WEATHERHEAD
				6	EA	2" RISER WITH WEATHERHEAD
				1,884	LF	INDUCTIVE LOOP SAWCUT
				2,590	LF	LEAD-IN CABLE
				1	EA	SIGNAL CABINET FOUNDATION
				1	EA	CABINET BASE ADAPTER
				1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
				6	EA	DETECTOR CARD (TYPE 2070L)

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (22+61.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+61.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (22+61.00-L-)
70.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+61.00-L-)
12,952	LB	REINFORCING STEEL (BRIDGE)
1,870	LF	HP12X53 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (22+61.00-L-)
384.76	LF	CONCRETE BARRIER RAIL
134	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
150	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,072	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L041116 004****CONTRACT ID : C201124 33487.3.1****DIV OFFICE WILSON****LENGTH = 0.161 MI****COUNTY : HALIFAX****GRADING, DRAINAGE, PAVING & STRUCTURE.****DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****BRIDGE OVER TRIBUTARY OF DEEP CREEK & APPROACHES ON SR-1105.****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 ***** (14+23.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+23.00-L-)
2,240	LF	HP12X53 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (14+23.00-L-)
290	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

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

L041116 005

CONTRACT ID : C201238 36691.3.1

DIV OFFICE WILSON

LENGTH = 8.000 MI

COUNTY : JOHNSTON, WILSON

PAVEMENT REHABILITATION, RESURFACING &amp; GUARDRAIL.

DBE GOAL 10.0% COMPLETION DATE : JUL 15 2006

I-95 FROM US-301 (MP-107) IN JOHNSTON COUNTY TO SR-1116 (GOVERNOR HUNT RD) IN WILSON COUNTY.

**ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM
Lump Sum	LS	CRITICAL PATH METHOD SCHEDULE
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM
Lump Sum	LS	DESIGN AND CONSTRUCTION FOR
Lump Sum	LS	TRAFFIC CONTROL AND EROSION
Lump Sum	LS	CONTROL
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-
		BING
5,000	CY	UNCLASSIFIED EXCAVATION
1,000	CY	UNDERCUT EXCAVATION
50,000	CY	BORROW EXCAVATION
100	SY	REMOVAL OF EXISTING ASPHALT
		PAVEMENT
2,700	SY	REMOVAL OF EXISTING CONCRETE
		PAVEMENT
1,000	CY	SELECT GRANULAR MATERIAL
600	SY	FABRIC FOR SOIL STABILIZATION
2	ACR	GENERIC GRADING ITEM
		SAFETY CLEARING
Lump Sum	LS	FINE GRADING
400	TON	AGGREGATE BASE COURSE
450	GAL	PRIME COAT
2,500	SY	INCIDENTAL MILLING
63,000	TON	ASPHALT CONC BASE COURSE, TYPE
		B37.5C
78,500	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE 119.0D
117,000	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S12.5D
2,710	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
3,690	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 70-22
5,616	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 76-22
400	TON	ASPHALT PLANT MIX, PAVEMENT
		REPAIR
151,000	LF	MILLED RUMBLE STRIPS
2,700	SY	GENERIC PAVING ITEM
		8-1/2" CONTINUOUSLY REINFORCED
		CONCRETE PAVEMENT REPAIR
210,000	SY	GENERIC PAVING ITEM
		MILLING SHOULDERS, 9-3/4"DEPTH
840	CY	SUBDRAIN EXCAVATION
504	CY	SUBDRAIN FINE AGGREGATE
3,000	LF	6" PERFORATED SUBDRAIN PIPE
10	EA	6" SUBDRAIN PIPE WYES, TEES, &
		ELBOWS
6	EA	CONCRETE PAD FOR SUBDRAIN PIPE
		OUTLET
36	LF	6" OUTLET PIPE (SUBDRAINS)
40	EA	GENERIC DRAINAGE ITEM
		EXISTING SHOULDER DRAIN OUTLET
		CLEAN-OUT
500	CY	CONCRETE RETAINING WALLS
22	EA	ADJUSTMENT OF DROP INLETS
5,800	LF	STEEL BM GUARDRAIL
5	EA	GUARDRAIL ANCHOR UNITS, TYPE
		CAT-1
5	EA	GUARDRAIL ANCHOR UNITS, TYPE
		350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
		M-350
2,500	LF	REMOVE EXISTING GUARDRAIL
20	EA	CABLE GUIDERAIL ANCHOR UNITS
17,000	LF	GENERIC GUARDRAIL ITEM
		REMOVE & RESET EXISTING DOUBLE
		FACED CABLE GUIDERAIL

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

L041116 006

CONTRACT ID : C200825 32780.3.2

DIV OFFICE DURHAM

LENGTH = 0.528 MI

COUNTY : DURHAM, CHATHAM

GRADING, DRAINAGE, PAVING, MITIGATION &amp; STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER NEW HOPE CREEK &amp; APPROACHES ON SR-1107.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM ROADWAY CONSTRUCTION
Lump Sum	LS	GENERIC UTILITY ITEM SANITARY SEWER UTILITY CONSTRUCTION RELOCATION

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (24+92.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+92.50-L-)
265.8	LF	***.***" DIA DRILLED PIERS IN SOIL (3'-6")
60	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (3'-6")
94.8	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (3'-6")
12	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
1,423.2	LF	CSL TUBES
1,850	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
315	LF	HP12X53 STEEL PILES
610	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE

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

L041116 007

CONTRACT ID : C201192 34512.3.1

DIV OFFICE DURHAM

LENGTH = 0.786 MI

COUNTY : DURHAM

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

DBE GOAL 8.0% COMPLETION DATE : AUG 01 2006

NC-54 FROM SR-1999 (DAVID DR) TO SR-1959 (MIAMI BLVD).

ROADWAY ITEMS					
			11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			2	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	3	EA	CONCRETE APRON FOR CATCH BASIN
Lump Sum	LS	CONSTRUCTION SURVEYING	3	EA	CONCRETE APRON FOR DROP INLETS
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM REMOVE AND RESET BUS SHELTERS	2,600	LF	1'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	GRADING	3,435	LF	2'-6" CONCRETE CURB & GUTTER
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	920	LF	SHOULDER BERM GUTTER
800	CY	UNDERCUT EXCAVATION	600	SY	4" CONCRETE SIDEWALK
25	CY	DRAINAGE DITCH EXCAVATION	65	SY	CONCRETE WHEELCHAIR RAMPS
200	CY	SELECT GRANULAR MATERIAL	30	SY	6" CONCRETE DRIVEWAY
200	SY	FABRIC FOR SOIL STABILIZATION	1,135	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
340	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1,050	LF	STEEL BM GUARDRAIL
10	TON	GENERIC DRAINAGE ITEM 57 STONE	5	EA	ADDITIONAL GUARDRAIL POSTS
10	TON	GENERIC DRAINAGE ITEM BOULDERS	3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
108	LF	12" RC PIPE CULVERTS, CLASS III	5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,952	LF	15" RC PIPE CULVERTS, CLASS III	2	TON	PLAIN RIP RAP, CLASS B
460	LF	18" RC PIPE CULVERTS, CLASS III	370	SY	FILTER FABRIC FOR DRAINAGE
44	LF	24" RC PIPE CULVERTS, CLASS III	7	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
284	LF	30" RC PIPE CULVERTS, CLASS III	1,386	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
24	LF	36" RC PIPE CULVERTS, CLASS III	3	EA	SIGN ERECTION, TYPE D
176	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	67	EA	SIGN ERECTION, TYPE E
80	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	10	EA	SIGN ERECTION, TYPE F
8	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	25	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	507	SF	WORK ZONE SIGNS (STATIONARY)
126	LF	PIPE REMOVAL	776	SF	WORK ZONE SIGNS (PORTABLE)
850	LB	SEALING EXISTING PAVEMENT CRACKS	200	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
100	TON	AGGREGATE BASE COURSE	2	EA	FLASHING ARROW PANELS, TYPE C
4,190	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	2	EA	CHANGEABLE MESSAGE SIGNS
5,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	2	EA	WARNING FLAG SETS
6,965	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	310	EA	DRUMS
7,230	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	50	EA	CONES
543	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	360	LF	BARRICADES (TYPE III)
434	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	2,000	HR	FLAGGER
560	CY	SUBDRAIN EXCAVATION	3	EA	WARNING LIGHTS (TYPE B)
420	CY	SUBDRAIN FINE AGGREGATE	2	EA	TEMPORARY CRASH CUSHIONS
2,500	LF	6" PERFORATED SUBDRAIN PIPE	2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
75	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	800	LF	PORTABLE CONCRETE BARRIER
5	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	250	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
30	LF	6" OUTLET PIPE (SUBDRAINS)	900	LF	WATER FILLED BARRIER
2.5	CY	ENDWALLS	480	HR	POLICE
0.492	CY	PIPE PLUGS	1,500	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
20	CY	FLOWABLE FILL	402	EA	TEMPORARY RAISED PAVEMENT MARKERS
42	EA	MASONRY DRAINAGE STRUCTURES	5,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
9.56	LF	MASONRY DRAINAGE STRUCTURES	6,660	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3	EA	FRAME WITH TWO GRATES, STD 840.16	30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
3	EA	FRAME WITH TWO GRATES, STD 840.24	746	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
14	EA	FRAME WITH TWO GRATES, STD 840.29	550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	83	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			109,520	LF	PAINT PAVEMENT MARKING LINES (4")
			480	LF	PAINT PAVEMENT MARKING LINES (8")
			1,484	LF	PAINT PAVEMENT MARKING LINES (24")
			102	EA	PAINT PAVEMENT MARKING SYMBOL
			17,050	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			740	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			21	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS

			3	EA	2" RISER WITH HEAT SHRINK TUBING
			5,265	LF	INDUCTIVE LOOP SAWCUT
			13,195	LF	LEAD-IN CABLE
368	EA	PERMANENT RAISED PAVEMENT MARKERS	4	EA	SITE SURVEY
14	EA	7' U-CHANNEL POSTS	2	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
14	EA	OBJECT MARKERS (END OF ROAD)	1,300	LF	COMMUNICATIONS CABLE (**FIBER) (12)
65	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	920	LF	COMMUNICATIONS CABLE (**FIBER) (18)
65	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)	645	LF	DROP CABLE
			3	EA	AERIAL SPLICE ENCLOSURE
1,042	LF	*** DI WATER PIPE, CLASS ***** (16", CLASS 50)	1	EA	INTERCONNECT CENTER
			6	EA	DELINEATOR MARKER
129	LF	6" DI WATER PIPE, PC 350	1,665	LF	REMOVE EXISTING COMMUNICATIONS CABLE
31	LF	**** COPPER WATER PIPE, TYPE K (2")	1	EA	CABLE TRANSFER
14	LF	3/4" COPPER WATER PIPE, TYPE K	4	EA	METAL STRAIN SIGNAL POLE
5,025	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP	8	EA	SOIL TEST
2	EA	2" CORPORATION STOP (2", 200# WP)	120	LF	DRILLED PIER FOUNDATION (** DIA) (48")
1	EA	6" GATE VALVE & VALVE BOX, 200# WP	4	EA	SIGNAL PEDESTAL WITH FOUNDATION
1	EA	***X*** TAPPING SADDLE (16" X 2")	4	EA	MAST ARM WITH METAL POLE DESIGN
1	EA	RELOCATE EXISTING WATER METER	2	EA	SIGN FOR SIGNALS
4	EA	RELOCATE EXISTING FIRE HYDRANT	1	EA	SIGNAL CABINET FOUNDATION
977	LF	FILL OR REMOVE ABANDONED 16" PIPE, ***** (16" DI WATER PIPE)	2	EA	CONTROLLER WITH CABINET (TYPE 170E, BASE MOUNTED)
			29	EA	DETECTOR CARD (TYPE 170)
3	EA	GENERIC UTILITY ITEM 16" GATE VALVE 200#WP & 5' DIA MANHOLE	4	EA	METAL POLE FOUNDATION REMOVAL
			4	EA	METAL POLE REMOVAL
1	EA	GENERIC UTILITY ITEM RELOCATE EXT 2" BACKFLOW ASSEMBLY	1	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER WITH SELF-HEALING RING
1	EA	GENERIC UTILITY ITEM RELOCATE EXT 2" BACKFLOW ASSEMBLY WITH NEW VAULT	2	EA	GENERIC SIGNAL ITEM MAST ARM W/ METAL POLE & LUMINAIRE RTP SPECIFIC
2	EA	GENERIC UTILITY ITEM RELOCATE EXT 2" WATER METER ASSEMBLY WITH NEW VAULT	2	EA	GENERIC SIGNAL ITEM MAST ARM W/ METAL POLE RTP SPECIFIC
3,000	LF	TEMPORARY SILT FENCE	2	EA	GENERIC SIGNAL ITEM RELOCATE CAMERA SENSOR UNIT
175	TON	STONE FOR EROSION CONTROL, CLASS A	970	LF	GENERIC SIGNAL ITEM DIRECTIONAL DRILL POLYETHYLENE CONDUIT (1-1/4")(4) & (5")(1 INNER)
1,150	TON	STONE FOR EROSION CONTROL, CLASS B	530	LF	GENERIC SIGNAL ITEM MULTI-DUCT CONDUIT (1")(2) IN OUTER-DUCT
660	TON	SEDIMENT CONTROL STONE	415	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT (1.25", 4)
22.5	ACR	TEMPORARY MULCHING			
800	LB	SEED FOR TEMPORARY SEEDING			
3.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
370	LF	TEMPORARY SLOPE DRAINS			
8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
4,220	CY	SILT EXCAVATION			
3,800	SY	MATting FOR EROSION CONTROL			
1,000	LF	1/4" HARDWARE CLOTH			
22	ACR	SEEDING & MULCHING			
13.5	ACR	MOWING			
200	LB	SEED FOR REPAIR SEEDING			
0.5	TON	FERTILIZER FOR REPAIR SEEDING			
550	LB	SEED FOR SUPPLEMENTAL SEEDING			
16.5	TON	FERTILIZER TOPDRESSING			
0.15	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)			
3	HR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			
0.15	ACR	STREAMBANK REFORESTATION			
7	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/COUNTDOWN)			
2	EA	PEDESTRIAN SIGNAL HEAD (12", 1 SECTION)			
11,073	LF	SIGNAL CABLE			
45	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
8	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
16	EA	BACKPLATE			
1,925	LF	MESSSENGER CABLE (3/8")			
530	LF	JACK & BORE			
1,110	LF	TRACER WIRE			
475	LF	TRENCHING (UNPAVED)			
12	EA	JUNCTION BOX (STANDARD SIZE)			
8	EA	JUNCTION BOX (OVER-SIZED)			
6	EA	WOOD POLE			
15	EA	GUY ASSEMBLY			
6	EA	2" RISER WITH WEATHERHEAD			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 008

CONTRACT ID : C201322 5CR.10931.3

DIV OFFICE DURHAM

LENGTH = 10.820 MI

COUNTY : WARREN

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

MBE GOAL 3.0% WBE 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

NC-43 FROM NC-58 TO SR-1507 &amp; 1 SECTION OF US-401/158 BUS &amp; 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
244	TON	INCIDENTAL STONE BASE
20.29	SMI	SHOULDER RECONSTRUCTION
796	SY	INCIDENTAL MILLING
4,147	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,667	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
617	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
300	TON	PATCHING EXISTING PAVEMENT
7	EA	ADJUSTMENT OF MANHOLES
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
109,107	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
204	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
941	EA	PERMANENT RAISED PAVEMENT MARKERS
14.7	ACR	SEEDING & MULCHING



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 009

CONTRACT ID : C201323 5CR.10731.3

DIV OFFICE DURHAM

LENGTH = 17.400 MI

COUNTY : PERSON

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

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

1 SECTION OF US-501 AND 6 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,451	TON	INCIDENTAL STONE BASE
34.8	SMI	SHOULDER RECONSTRUCTION
500	SY	INCIDENTAL MILLING
11,722	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10,220	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
410	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,394	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
700	TON	PATCHING EXISTING PAVEMENT
86,941	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
53,328	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
323,590	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	PAINT PAVEMENT MARKING CHARAC- TER
533	EA	PERMANENT RAISED PAVEMENT MARKERS
25.24	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 010

CONTRACT ID : C200970 34336.3.8

DIV OFFICE FAYETTEVILLE

LENGTH = 14.392 KM

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING, GUIDERAIL, SIGNALS &amp; STRUCTURES.

MBE GOAL 11.0% WBE 7.0% COMPLETION DATE : DEC 31 2008

US-74 FROM MAXTON BYPASS TO EAST OF SR-1166 AND FROM EAST OF SR-1166 TO WEST OF SR-1157.

ROADWAY ITEMS					
			942	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
			60	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	MOBILIZATION	28.8	M	1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
Lump Sum	LS	CONSTRUCTION SURVEYING	68	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE	6	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)	263.4	M	PIPE REMOVAL
3.2	HA	SUPPLEMENTARY CLEARING & GRUBBING	950	M2	150MM SLOPE PROTECTION
1	EA	SEALING ABANDONED WELLS	Lump Sum	LS	FINE GRADING
39,200	M3	UNCLASSIFIED EXCAVATION	3,000	MTN	STABILIZER AGGREGATE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (113+73.429-L- EBD)	312,200	MTN	AGGREGATE BASE COURSE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (113+73.429-L- WBD)	2,000	MTN	INCIDENTAL STONE BASE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (138+30.429-L- EBD)	172,600	L	PRIME COAT
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (138+30.429-L- WBD)	2,100	M2	INCIDENTAL MILLING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+90.210-Y2-)	69,640	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+01.790-Y1-)	4,650	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+01.790-Y1-)	64,200	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+01.790-Y1-)	24,400	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+01.790-Y1-)	9,100	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+01.790-Y1-)	85,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
13,520	M3	UNDERCUT EXCAVATION	7,785	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,000	MTN	CLASS IV SUBGRADE STABILIZATION	5,265	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
44,000	M	WICK DRAINS	500	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
4,995,000	M3	BORROW EXCAVATION	57,200	M	MILLED RUMBLE STRIPS
13	EA	EMBANKMENT SETTLEMENT GAUGES	331.2	M3	SUBDRAIN EXCAVATION
40,515	M3	DRAINAGE DITCH EXCAVATION	165.6	M3	SUBDRAIN FINE AGGREGATE
15,300	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	400	M	150MM PERFORATED SUBDRAIN PIPE
33,000	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	40	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
145	HR	PROOF ROLLING	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
79,000	M3	SELECT GRANULAR MATERIAL	8	M	150MM OUTLET PIPE (SUBDRAINS)
117,320	M2	FABRIC FOR SOIL STABILIZATION	7,000	M	SHOULDER DRAIN
11,000	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	7,000	M	100MM SHOULDER DRAIN PIPE
2,650	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	150	M	100MM OUTLET PIPE (SHOULDER DRAINS)
2,145.2	M	375MM RC PIPE CULVERTS, CLASS III	84	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
1,724.6	M	450MM RC PIPE CULVERTS, CLASS III	50.3	M3	ENDWALLS
1,081.7	M	600MM RC PIPE CULVERTS, CLASS III	25.3	M3	REINFORCED ENDWALLS
536.2	M	750MM RC PIPE CULVERTS, CLASS III	7.15	M3	PIPE COLLARS
917.7	M	900MM RC PIPE CULVERTS, CLASS III	165	EA	MASONRY DRAINAGE STRUCTURES
189.6	M	1050MM RC PIPE CULVERTS, CLASS III	20.55	M	MASONRY DRAINAGE STRUCTURES
373.2	M	1350MM RC PIPE CULVERTS, CLASS III	1	EA	FRAME WITH GRATE, STD 840.22
92.4	M	1650MM RC PIPE CULVERTS, CLASS III	3	EA	FRAME WITH TWO GRATES, STD 840.16
69.6	M	*****MM RC PIPE CULVERTS, CLASS IV (1350MM)	37	EA	FRAME WITH TWO GRATES, STD 840.20
64.8	M	*****MM RC PIPE CULVERTS, CLASS IV (1650MM)	102	EA	FRAME WITH TWO GRATES, STD 840.22
62.4	M	*****MM RC PIPE CULVERTS, CLASS IV (450MM)	1	EA	FRAME WITH TWO GRATES, STD 840.24
87.6	M	*****MM RC PIPE CULVERTS, CLASS IV (750MM)	11	EA	FRAME WITH TWO GRATES, STD 840.29
6	EA	***MM PIPE END SECTION (375MM)	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
4	EA	***MM PIPE END SECTION (450MM)	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			1,550	M	750MM CONCRETE CURB & GUTTER
			3,376	M	SHOULDER BERM GUTTER
			360	M	CONCRETE EXPRESSWAY GUTTER

			26,790	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
			990	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
			180	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
1,190	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
7,357.11	M	STEEL BM GUARDRAIL	59	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
327.66	M	STEEL BM GUARDRAIL, SHOP CURVED	114,500	M	PAINT PAVEMENT MARKING LINES (100MM)
	20	EA	2,500	M	PAINT PAVEMENT MARKING LINES (200MM)
	5	EA	150	M	PAINT PAVEMENT MARKING LINES (600MM)
	12	EA	24	EA	PAINT PAVEMENT MARKING SYMBOL
	20	EA	28	EA	POLYUREA PAVEMENT MARKING SYMBOL
	35	EA	1,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
13,800	M	DOUBLE FACED CABLE GUIDERAIL	7	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
40	EA	CABLE GUIDERAIL ANCHOR UNITS	44,160	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (150MM, HIGHLY REFLECTIVE ELEMENTS)
29,830	M	WOVEN WIRE FENCE, 1200MM FABRIC	34,060	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (150MM, STANDARD BEADS)
	6,475	EA	2,250	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (300MM, HIGHLY REFLECTIVE ELEMENTS)
	900	EA	650	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (300MM, STANDARD BEADS)
	500	M	950	EA	PERMANENT RAISED PAVEMENT MARKERS
	307	MTN	1,250	EA	SNOWPLOWABLE PAVEMENT MARKERS
	690	MTN	187	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
	7,110	M2	187	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
	5	EA	27.7	MTN	PAVEMENT REPAIR FOR UTILITY WORK
	27	M3	21	M	150MM DI WATER PIPE, PC 2.41MPA
	5	M3	21	M	200MM DI WATER PIPE, PC 2.41MPA
13,846	KG	SUPPORTS, BREAKAWAY STEEL BEAM	165	M	150MM PVC WATER PIPE, SDR 21, 1.38MPA WP
1,293	KG	SUPPORTS, SIMPLE STEEL BEAM	2,191	M	200MM PVC WATER PIPE, SDR 21, 1.38MPA WP
2,151	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	1,064	M	300MM PVC WATER PIPE, SDR 21, 1.38MPA WP
	44	EA	7,789	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (12+80.00-L-)	18	EA	20MM CORPORATION STOP
	30	EA	5	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
	157	EA	4	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
	125	EA	2	EA	*** X ****MM TAPPING SADDLE (150MM X 20MM)
	20	EA	16	EA	*** X ****MM TAPPING SADDLE (200MM X 20MM)
	61	EA	1	EA	50MM BLOW OFF ASSEMBLY
	44	EA	15	EA	RELOCATE EXISTING WATER METER
	1	EA	12	EA	REMOVE EXISTING WATER METER
Lump Sum	LS	LRs LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (12+80.00-L-)	1	EA	FIRE HYDRANT, ****MPA WP (1.38MPA WP)
	1	EA	3	EA	RELOCATE EXISTING FIRE HYDRANT
	7	EA	110	M	FILL OR REMOVE ABANDONED ****MM PIPE, ***** (150MM, PVC WATER)
139	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	2,279	M	FILL OR REMOVE ABANDONED ****MM PIPE, ***** (200MM, PVC WATER)
	6	EA	1,080	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (PVC WATER)
	5	EA	15	M	****MM STEEL ENCASEMENT PIPE, ****MM THICK, BY BORING & JACKING (400MM, 6.35MM)
	2	EA	463.5	M	GENERIC UTILITY ITEM 20MM PE WATER TUBING, SDR 7, 1.38MPA WP
	4	EA			
	4	EA			
	8	EA			
	600	EA			
	198	M			
	400	HR			
	10	HR			
	20	EA			
	88	M2			
	58	M2			
	138	M2			
	400	M			
	5	EA			
	1,440	EA			
	25,970	M			

## STRUCTURE ITEMS

80	M	GENERIC UTILITY ITEM 250MM HDPE WATER PIPE, SDR 9, 1.38MPA BY DIRECTIONAL BORE	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 18+64.065 -L-)
19,000	M	TEMPORARY SILT FENCE	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 68+75.743 -L-)
1,510	MTN	STONE FOR EROSION CONTROL, CLASS A			
20,000	MTN	STONE FOR EROSION CONTROL, CLASS B	4	EA	DYNAMIC LOAD TEST
7,275	MTN	SEDIMENT CONTROL STONE	6,749.4	M2	REINFORCED CONCRETE DECK SLAB
175	HA	TEMPORARY MULCHING	7,369.8	M2	GROOVING BRIDGE FLOORS
13,100	KG	SEED FOR TEMPORARY SEEDING	897.4	M3	CLASS A CONCRETE (BRIDGE)
110	MTN	FERTILIZER FOR TEMPORARY SEED- ING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (113+73.429 -L- LT)
3,725	M	TEMPORARY SLOPE DRAINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (113+73.429 -L- RT)
233	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (138+30.800 -L- LT)
5,250	M	SAFETY FENCE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (138+30.800 -L- LT)
46,125	M3	SILT EXCAVATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (138+30.800 -L- RT)
53,600	M2	MATTING FOR EROSION CONTROL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+64.065 -L-)
1,050	M	6.4MM HARDWARE CLOTH	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (68+75.743 -L-)
5	M	***MM TEMPORARY PIPE (300MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+64.065 -L-)
10	M	***MM TEMPORARY PIPE (600MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (68+75.743 -L-)
15	M	***MM TEMPORARY PIPE (750MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (68+75.743 -L-)
700	M3	STILLING BASINS	77,600	KG	REINFORCING STEEL (BRIDGE)
315	HA	SEEDING & MULCHING	2,379	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
90	HA	MOWING	1,461,582	LS	APPROX ..... KG STRUCTURAL STEEL
2,000	KG	SEED FOR REPAIR SEEDING	1,500	M	HP310X79 STEEL PILES
7	MTN	FERTILIZER FOR REPAIR SEEDING	6,296	M	PP *** X ***** STEEL PILES (305 X 9.5)
9,000	KG	SEED FOR SUPPLEMENTAL SEEDING	878.406	M	CONCRETE BARRIER RAIL
550	MTN	FERTILIZER TOPDRESSING	146.526	M	****MM CHAIN LINK FENCE (2080MM)
2.55	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)	4,725	M2	100MM SLOPE PROTECTION
250	M	IMPERVIOUS DIKE	Lump Sum	LS	POT BEARINGS
137	HR	SPECIALIZED HAND MOWING	Lump Sum	LS	ELASTOMERIC BEARINGS
24	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	EVAZOTE JOINT SEALS
625	M3	CULVERT DIVERSION CHANNEL			
14.27	HA	REFORESTATION			
165	M	SIGNAL CABLE			
6	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)			
135	M	MESSENGER CABLE (9.52MM)			
174	M	TRENCHING (UNPAVED)			
6	EA	JUNCTION BOX (STANDARD SIZE)			
4	EA	WOOD POLE			
8	EA	GUY ASSEMBLY			
1	EA	25MM RISER WITH WEATHERHEAD			
4	EA	50MM RISER WITH WEATHERHEAD			
59	M	INDUCTIVE LOOP SAWCUT			
455	M	LEAD-IN CABLE			
1	EA	SIGN FOR SIGNALS			
1	EA	SIGNAL CABINET FOUNDATION			
1	EA	CABINET BASE ADAPTER			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
3	EA	DETECTOR CARD (TYPE 2070L)			

## CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+40.000 -Y1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+42.500 -Y2-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+86.500 -SR1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (120+86.500 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+19.671 -RPB)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+40.000 -Y1-)
1,543	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,677.2	M3	CLASS A CONCRETE (CULVERT)
186,605	KG	REINFORCING STEEL (CULVERT)

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

L041116 011

CONTRACT ID : C201010 34885.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 3.110 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING &amp; SIGNALS.

DBE GOAL 15.0% COMPLETION DATE : AUG 01 2006

OWEN DR EXT FROM I-95 BUS TO NC-87 AT SR-2283 (EAST MOUNTAIN DR) IN FAYETTEVILLE.

ROADWAY ITEMS					
			42	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			24	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			11	EA	FRAME WITH COVER, STD 840.54
			61	M	*** X ***MM CONCRETE CURB (200MM X 150MM)
			5,513	M	750MM CONCRETE CURB & GUTTER
			330	M2	CONCRETE WHEELCHAIR RAMPS
			415	M2	150MM CONCRETE DRIVEWAY
			1	EA	ADJUSTMENT OF CATCH BASINS
			1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
			4	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER
			1,558.29	M	STEEL BM GUARDRAIL
			35	M	STEEL BM GUARDRAIL, SHOP CURVED
			5	EA	ADDITIONAL GUARDRAIL POSTS
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			958	M	WOVEN WIRE FENCE, 1200MM FABRIC
			177	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
			86	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
			763	M	CHAIN LINK FENCE, 1200MM FABRIC
			335	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
			28	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE
			26	M	GENERIC FENCING ITEM 4000MM CHL FENCE RESET
			52	MTN	PLAIN RIP RAP, CLASS I
			45	MTN	PLAIN RIP RAP, CLASS B
			1,450	M2	FILTER FABRIC FOR DRAINAGE
			6	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			2	EA	GENERIC EROSION CONTROL ITEM ENERGY DISSIPATOR
			530	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
			Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (7+05)
			5	EA	SIGN ERECTION, TYPE D
			52	EA	SIGN ERECTION, TYPE E
			10	EA	SIGN ERECTION, TYPE F
			3	EA	RELOCATE SIGN, TYPE ***** (D)
			2	EA	RELOCATE SIGN, TYPE ***** (E)
			44	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			32	M2	WORK ZONE SIGNS (STATIONARY)
			33	M2	WORK ZONE SIGNS (PORTABLE)
			10	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			11	EA	WARNING FLAG SETS
			800	EA	DRUMS
			44	M	BARRICADES (TYPE III)
			400	MD	FLAGGER
			4	EA	WARNING LIGHTS (TYPE B)
			2	EA	TEMPORARY CRASH CUSHIONS
			2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
			360	M	PORTABLE CONCRETE BARRIER
			100	HR	POLICE
			565	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)			
0.8	HA	SUPPLEMENTARY CLEARING & GRUBBING			
72,000	M3	UNCLASSIFIED EXCAVATION			
9,000	M3	UNDERCUT EXCAVATION			
500	MTN	CLASS IV SUBGRADE STABILIZATION			
136,000	M3	BORROW EXCAVATION			
2	EA	EMBANKMENT SETTLEMENT GAUGES			
2,854	M3	DRAINAGE DITCH EXCAVATION			
8,805	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			
1,750	M2	BREAKING OF EXISTING ASPHALT PAVEMENT			
18.5	HR	PROOF ROLLING			
500	M2	FABRIC FOR SOIL STABILIZATION			
1,300	MTN	SELECT MATERIAL, CLASS II			
9,000	MTN	SELECT MATERIAL, CLASS III			
760	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
999.6	M	375MM RC PIPE CULVERTS, CLASS III			
247.2	M	450MM RC PIPE CULVERTS, CLASS III			
546.3	M	600MM RC PIPE CULVERTS, CLASS III			
248.4	M	750MM RC PIPE CULVERTS, CLASS III			
55.2	M	900MM RC PIPE CULVERTS, CLASS III			
51.6	M	1200MM RC PIPE CULVERTS, CLASS III			
132	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK			
14.4	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK			
26	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK			
8	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK			
2	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK			
79.9	M	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
1,500	KG	SEALING EXISTING PAVEMENT CRACKS & JOINTS			
500	M2	INCIDENTAL MILLING			
14,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B			
11,350	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
14,650	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
2,500	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
828	M3	SUBDRAIN EXCAVATION			
621	M3	SUBDRAIN FINE AGGREGATE			
1,500	M	150MM PERFORATED SUBDRAIN PIPE			
150	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS			
10	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
20	M	150MM OUTLET PIPE (SUBDRAINS)			
92	EA	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH TWO GRATES, STD 840.16			
4	EA	FRAME WITH TWO GRATES, STD 840.22			
4	EA	FRAME WITH TWO GRATES, STD 840.24			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			

			0.2	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)
			9	HR	SPECIALIZED HAND MOWING
			16	EA	RESPONSE FOR EROSION CONTROL
			300	M	GENERIC EROSION CONTROL ITEM SAFETY FENCE
			330	M	SIGNAL CABLE
11,450	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	11	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
85	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	1	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
105	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	2	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	220	M	MESSENGER CABLE (9.52MM)
103	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	83	M	TRACER WIRE
43,251	M	PAINT PAVEMENT MARKING LINES (100MM)	19	M	TRENCHING (PAVED)
210	M	PAINT PAVEMENT MARKING LINES (600MM)	271	M	TRENCHING (UNPAVED)
26	EA	PAINT PAVEMENT MARKING SYMBOL	61	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)
3,318	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	11	EA	JUNCTION BOX (STANDARD SIZE)
30	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)	4	EA	JUNCTION BOX (OVER-SIZED)
19	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	2	EA	50MM RISER WITH HEAT SHRINK TUBING
681	EA	PERMANENT RAISED PAVEMENT MARKERS	840	M	INDUCTIVE LOOP SAWCUT
34	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	570	M	LEAD-IN CABLE
34	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	67	M	COMMUNICATIONS CABLE (**FIBER) (6)
12	M	150MM DI WATER PIPE, PC 2.41MPA	2	EA	INTERCONNECT CENTER
8	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (200MM, PC 350, 2.41MPA)	1	EA	CABLE TRANSFER
100	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP	4	EA	METAL STRAIN SIGNAL POLE
50	M	***MM PVC WATER PIPE, (C900), DR *** **MPA WP (150MM, DR 18, 1.38MPA)	4	EA	SOIL TEST
302	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP	18	M	DRILLED PIER FOUNDATION (***MM DIA) (1067MM)
5	M	***MM PE WATER TUBING, SDR 9, **MPA WP (50MM, 1.38MPA)	2	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
2	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	5	EA	DETECTOR CARD (TYPE 2070L)
2	EA	REMOVE EXISTING WATER METER			
2	EA	RELOCATE EXISTING FIRE HYDRANT			
59	M	***MM PVC SEWER PIPE, SDR ** (200MM, SDR 26)			
4	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH			
5.66	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)			
1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE			
1	EA	REMOVE EXISTING MANHOLE			
2	EA	GENERIC UTILITY ITEM RELOCATE EXT 50MM WATER METER			
1	EA	GENERIC UTILITY ITEM RELOCATE EXT WATER METER & BACKFLOW PREVENTER			
33	M	GENERIC UTILITY ITEM 200MM DI SEWER PIPE, PC 2.41MPA			
2,300	M	TEMPORARY SILT FENCE			
185	MTN	STONE FOR EROSION CONTROL, CLASS A			
1,355	MTN	STONE FOR EROSION CONTROL, CLASS B			
755	MTN	SEDIMENT CONTROL STONE			
11	HA	TEMPORARY MULCHING			
600	KG	SEED FOR TEMPORARY SEEDING			
4.75	MTN	FERTILIZER FOR TEMPORARY SEEDING			
385	M	TEMPORARY SLOPE DRAINS			
30	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
1,700	M3	SILT EXCAVATION			
8,000	M2	MATTING FOR EROSION CONTROL			
1,231	M2	PERMANENT SOIL REINFORCEMENT MAT			
625	M	6.4MM HARDWARE CLOTH			
14	HA	SEEDING & MULCHING			
6	HA	MOWING			
150	KG	SEED FOR REPAIR SEEDING			
0.5	MTN	FERTILIZER FOR REPAIR SEEDING			
400	KG	SEED FOR SUPPLEMENTAL SEEDING			
23.5	MTN	FERTILIZER TOPDRESSING			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 012

CONTRACT ID : C201321 39398

DIV OFFICE FAYETTEVILLE

LENGTH = 43.710 MI

COUNTY : ROBESON

MILLING, RESURFACING, SHOULDER RECONSTRUCTION &amp; SIGNALS.

MBE GOAL 6.0% WBE 7.0% COMPLETION DATE : DEC 01 2005

2 SECTIONS OF NC-211, NC-72, &amp; NC-130, 1 SECTION OF NC-20 &amp; NC-710 AND 22 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
970	TON	MOBILIZATION
79.76	SMI	INCIDENTAL STONE BASE
29,216	SY	SHOULDER RECONSTRUCTION
13,892	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
10,795	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
24,552	TON	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")
640	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
21,227	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
475	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,928	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
45	EA	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
38	EA	WHEELCHAIR RAMPS
39	EA	ADJUSTMENT OF MANHOLES
275,700	LF	ADJUSTMENT OF METER BOXES OR VALVE BOXES
208,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,030	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,659	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
62	EA	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
131	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
321,700	LF	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
700	LF	PAINT PAVEMENT MARKING LINES (4")
750	LF	PAINT PAVEMENT MARKING LINES (8")
1,659	LF	PAINT PAVEMENT MARKING LINES (16")
6	EA	PAINT PAVEMENT MARKING LINES (24")
2,966	EA	PAINT PAVEMENT MARKING CHARAC- TER
104	ACR	PERMANENT RAISED PAVEMENT MARKERS
100	LF	SEEDING & MULCHING
100	LF	TRENCHING (PAVED)
4	EA	TRENCHING (UNPAVED)
2	EA	JUNCTION BOX (STANDARD SIZE)
6,550	LF	2" RISER WITH WEATHERHEAD
700	LF	INDUCTIVE LOOP SAWCUT
	LF	LEAD-IN CABLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 013

CONTRACT ID : C201317 37971

DIV OFFICE FAYETTEVILLE

LENGTH = 55.690 MI

COUNTY : BLADEN, COLUMBUS

MILLING, RESURFACING, SHLDR RECONST, SIGNALS &amp; PVMT MRKGS.

MBE GOAL 7.0% WBE 5.0% COMPLETION DATE : DEC 01 2005

2 SECT OF US-74BUS, 2 SECT OF US-701BYP, 1 SECT OF NC-210, 3 SECT OF NC-211BUS, 1 SECT OF NC-410 &amp; 14 SECT OF SECONDARY

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,353	TON	INCIDENTAL STONE BASE
88.4	SMI	SHOULDER RECONSTRUCTION
6,336	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
26,568	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
7,354	SY	INCIDENTAL MILLING
10,568	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
19,836	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
30,286	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
952	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
3,767	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
990	TON	PATCHING EXISTING PAVEMENT
1,295	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S4.75A (LEVELING COURSE)
24	EA	WHEELCHAIR RAMPS
190	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF DROP INLETS
74	EA	ADJUSTMENT OF MANHOLES
82	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
289,446	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
229,383	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,170	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
880	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
51	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
130	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
328,850	LF	PAINT PAVEMENT MARKING LINES (4")
2,601	EA	PERMANENT RAISED PAVEMENT MARKERS
107.22	ACR	SEEDING & MULCHING
100	LF	TRENCHING (PAVED)
400	LF	TRENCHING (UNPAVED)
4	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	2" RISER WITH WEATHERHEAD
8,100	LF	INDUCTIVE LOOP SAWCUT
1,000	LF	LEAD-IN CABLE



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 014

CONTRACT ID : C201316 39400

DIV OFFICE FAYETTEVILLE

LENGTH = 68.190 MI

COUNTY : HARNETT, CUMBERLAND

MILLING, RESURFACING, SHOULDER RECONSTRUCTION &amp; SIGNALS.

MBE GOAL 7.0% WBE 5.0% COMPLETION DATE : DEC 01 2005

4 SECTIONS OF US-421, 3 SECTIONS OF NC-27, 1 SECTION OF NC-217 &amp; 40 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION	800	LF	LEAD-IN CABLE
	LS	MOBILIZATION			
1,566	TON	INCIDENTAL STONE BASE			
129.32	SMI	SHOULDER RECONSTRUCTION			
2,564	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")			
46,739	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
9,780	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
1,742	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1")			
4,517	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")			
1,760	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1-1/2" TO 4-1/2")			
776	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
5,301	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
32,003	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
91	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
4,945	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
52,787	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
21	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)			
5,626	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
297	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
457	TON	PATCHING EXISTING PAVEMENT			
30	LF	2'-6" CONCRETE CURB & GUTTER			
6	EA	WHEELCHAIR RAMPS			
1	EA	ADJUSTMENT OF DROP INLETS			
93	EA	ADJUSTMENT OF MANHOLES			
95	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
324,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
267,670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
9,850	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
1,452	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
56	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)			
377	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
644,810	LF	PAINT PAVEMENT MARKING LINES (4")			
50	LF	PAINT PAVEMENT MARKING LINES (8")			
36	LF	PAINT PAVEMENT MARKING LINES (24")			
4,367	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,360	EA	SNOWPLOWABLE PAVEMENT MARKERS			
157.64	ACR	SEEDING & MULCHING			
100	LF	TRENCHING (PAVED)			
100	LF	TRENCHING (UNPAVED)			
5	EA	JUNCTION BOX (STANDARD SIZE)			
5	EA	2" RISER WITH WEATHERHEAD			
5,650	LF	INDUCTIVE LOOP SAWCUT			

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 015

CONTRACT ID : C201285 37427

DIV OFFICE GREENSBORO

LENGTH = 3.840 MI

COUNTY : ORANGE

WIDENING, MILLING, RESURFACING, GUARDRAIL &amp; PVMT MARKINGS.

MBE GOAL 8.0% WBE 8.0% COMPLETION DATE : NOV 01 2005

SR-1006 FROM N OF SR-1129 (DAVIS RD) TO SR-1009 (S CHURTON ST/OLD NC-86).

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
80	LF	15" RC PIPE CULVERTS, CLASS III
250	TON	INCIDENTAL STONE BASE
0.48	SMI	SHOULDER CONSTRUCTION
5.16	SMI	SHOULDER RECONSTRUCTION
83	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2-1/2")
444	SY	INCIDENTAL MILLING
5,624	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,302	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
801	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
337.5	LF	STEEL BM GUARDRAIL
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
237.5	LF	REMOVE EXISTING GUARDRAIL
71,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
67,758	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
190	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
603	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
202	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
139,408	LF	PAINT PAVEMENT MARKING LINES (4")
190	LF	PAINT PAVEMENT MARKING LINES (6")
603	LF	PAINT PAVEMENT MARKING LINES (8")
202	LF	PAINT PAVEMENT MARKING LINES (24")
18	EA	PAINT PAVEMENT MARKING SYMBOL
623	EA	PERMANENT RAISED PAVEMENT MARKERS
2,900	LF	TEMPORARY SILT FENCE
25	TON	STONE FOR EROSION CONTROL, CLASS B
15	TON	SEDIMENT CONTROL STONE
1,800	CY	SILT EXCAVATION
0.75	ACR	SEEDING & MULCHING
0.75	ACR	RESIDENTIAL SEEDING
200	LF	TRENCHING (UNPAVED)
2	EA	JUNCTION BOX (*****) (PULL BOX)
1,000	LF	INDUCTIVE LOOP SAWCUT
200	LF	LEAD-IN CABLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 016

CONTRACT ID : C201286 39278

DIV OFFICE GREENSBORO

LENGTH = 5.920 MI

COUNTY : GUILFORD

WIDENING, RESURFACING &amp; PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : JUN 01 2006

SR-1007 (RANDLEMAN RD) FROM S OF SR-3325 (RITTERS LAKE RD) TO THE RANDOLPH COUNTY LINE.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
705	TON	INCIDENTAL STONE BASE
3.85	SMI	SHOULDER RECONSTRUCTION
6,901	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
17,387	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,339	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3	EA	MASONRY DRAINAGE STRUCTURES
63,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
57,373	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
248	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
460	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
102	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
120,373	LF	PAINT PAVEMENT MARKING LINES (4")
248	LF	PAINT PAVEMENT MARKING LINES (6")
460	LF	PAINT PAVEMENT MARKING LINES (8")
102	LF	PAINT PAVEMENT MARKING LINES (24")
2	EA	PAINT PAVEMENT MARKING SYMBOL
444	EA	PERMANENT RAISED PAVEMENT MARKERS
2.33	ACR	RESIDENTIAL SEEDING
100	LF	TRENCHING (UNPAVED)
1	EA	JUNCTION BOX (*****) (PULL BOX)
800	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 017

CONTRACT ID : C201287 39280

DIV OFFICE GREENSBORO

LENGTH = 5.280 MI

COUNTY : GUILFORD

WIDENING, MILLING, RESURFACING &amp; PAVEMENT MARKINGS.

MBE GOAL 4.0% WBE 6.0% COMPLETION DATE : JUN 01 2006

SR-2755 (CARMON RD) FROM SR-2746 (FRIEDEN CHURCH RD) TO E OF WOODLAWN ST.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
300	TON	INCIDENTAL STONE BASE
3.56	SMI	SHOULDER CONSTRUCTION
7	SMI	SHOULDER RECONSTRUCTION
445	SY	INCIDENTAL MILLING
7,414	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
14,627	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,197	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
125	LF	1'-6" CONCRETE CURB & GUTTER
55,740	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
48,773	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
274	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
128	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
104,513	LF	PAINT PAVEMENT MARKING LINES (4")
274	LF	PAINT PAVEMENT MARKING LINES (6")
200	LF	PAINT PAVEMENT MARKING LINES (16")
128	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARACTER
424	EA	PERMANENT RAISED PAVEMENT MARKERS
1,100	LF	TEMPORARY SILT FENCE
60	TON	STONE FOR EROSION CONTROL, CLASS B
30	TON	SEDIMENT CONTROL STONE
400	CY	SILT EXCAVATION
1	ACR	SEEDING & MULCHING
1	ACR	RESIDENTIAL SEEDING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 018

CONTRACT ID : C201311 34632.3.1

DIV OFFICE GREENSBORO

LENGTH = 3.659 MI

COUNTY : ORANGE

WEIGH STATION UPGRADE.

DBE GOAL 1.0% COMPLETION DATE : MAR 15 2008

I-85/I-40 NEAR HILLSBOROUGH.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	2	EA	GENERIC SIGNAL ITEM AVI READER (SINGLE ANTENNA)
937.5	LF	STEEL BM GUARDRAIL	3	EA	GENERIC SIGNAL ITEM BASE MOUNTED CABINET
5	EA	ADDITIONAL GUARDRAIL POSTS	3	EA	GENERIC SIGNAL ITEM CABINET FOUNDATION
4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE FOUNDATION
3	CY	REINFORCED CONCRETE SIGN FOOTINGS	2	EA	GENERIC SIGNAL ITEM CONTACT CLOSURE TRANSCEIVER
3	CY	PLAIN CONCRETE SIGN FOOTINGS	3	EA	GENERIC SIGNAL ITEM DATA AND SYNC TRANSCEIVER
4,034	LB	SUPPORTS, BREAKAWAY STEEL BEAM	24	EA	GENERIC SIGNAL ITEM DELINEATOR MARKER
92	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	4	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE
2	EA	SIGN ERECTION, TYPE E	7	EA	GENERIC SIGNAL ITEM FIBER OPTIC INTERCONNECT CENTER
3	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	2	EA	GENERIC SIGNAL ITEM FREEZE-FRAME CAMERA EQUIPMENT
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	3	EA	GENERIC SIGNAL ITEM FULL MOTION VIDEO CABINET ASSEMBLY
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	3	EA	GENERIC SIGNAL ITEM FULL MOTION VIDEO CAMERA ASSEMBLY
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	33	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)
2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	9	EA	GENERIC SIGNAL ITEM JUNCTION BOX (STANDARD SIZE)
2	EA	SIGN ERECTION, REPOSITION OVERHEAD	1	EA	GENERIC SIGNAL ITEM LED OPEN/CLOSED SIGN
1	EA	RELOCATE SIGN, TYPE ***** (A, GROUND MOUNTED)	1	EA	GENERIC SIGNAL ITEM LOCAL VIDEO CONTROL PANEL
2	EA	DISPOSAL OF SUPPORT, WOOD	6	EA	GENERIC SIGNAL ITEM MEDIA CONVERTER
1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (ADVANCE LOCATION)
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (NOTIFICATION LOCATION)
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD	1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (COMPLIANCE LOCATION - MAIN LINE)
3	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (COMPLIANCE LOCATION - RAMP)
2	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (ADVANCE LOCATION)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***" (DMS-1)	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-MAIN LINE)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***" (DMS-2)	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-RAMP)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***" (DMS-3)	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-MAIN LINE)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***" (DMS-4)	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-RAMP)
Lump Sum	LS	DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-RAMP)
Lump Sum	LS	DYNAMIC MESSAGE SIGN BENCH TEST UNIT	1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (NOTIFICATION LOCATION)
52	SF	WORK ZONE SIGNS (STATIONARY)	3	EA	GENERIC SIGNAL ITEM MULTIMODE CONTROL CENTER TRANSCEIVER
72	SF	WORK ZONE SIGNS (PORTABLE)	3	EA	GENERIC SIGNAL ITEM MULTIMODE FIELD TRANSCEIVER
1	EA	FLASHING ARROW PANELS, TYPE C	1	EA	GENERIC SIGNAL ITEM OVERHEIGHT VEHICLE DETECTOR
1	EA	CHANGEABLE MESSAGE SIGNS	7	EA	GENERIC SIGNAL ITEM PIEZOELECTRIC SENSOR
95	EA	DRUMS	2	EA	GENERIC SIGNAL ITEM SCREEN SPLITTER
2	EA	WARNING LIGHTS (TYPE B)	1	EA	GENERIC SIGNAL ITEM VIDEO MONITOR
3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	1	EA	GENERIC SIGNAL ITEM WEIGH-IN MOTION SCALE
2	ACR	SEEDING & MULCHING	Lump Sum	LS	GENERIC SIGNAL ITEM ADVANCE LOCATION WIM ELECTRONICS
200	LF	COMMUNICATIONS CABLE (** TWISTED-PAIR) (6)			
1	EA	GENERIC SIGNAL ITEM 4-CHANNEL VIDEO MUX/DEMUX PAIR WITH DATA			
1	EA	GENERIC SIGNAL ITEM AVI ANTENNA (SCALA)			
4	EA	GENERIC SIGNAL ITEM AVI ANTENNA (SINCLAIR)			
1	EA	GENERIC SIGNAL ITEM AVI READER (DOUBLE ANTENNA)			

Lump Sum	LS	GENERIC SIGNAL ITEM CENTRAL COMPUTER SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM COMPLIANCE LOCATION WIM ELECTRONICS
Lump Sum	LS	GENERIC SIGNAL ITEM EMERGENCY RESTORATION EQUIP- MENT
Lump Sum	LS	GENERIC SIGNAL ITEM SCALE HOUSE WIM ELECTRONICS
Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM WARRANTY
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
Lump Sum	LS	GENERIC SIGNAL ITEM VIDEO SWITCHER/CAMERA CONTROL- LER
12,610	LF	GENERIC SIGNAL ITEM COMMUNICATIONS CABLE (12 FIBER)
588	LF	GENERIC SIGNAL ITEM INDUCTIVE LOOP SAWCUT
190	LF	GENERIC SIGNAL ITEM LEAD-IN CABLE
150	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, DIRECTIONAL DRILL, 1 1/4", 1
205	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, DIRECTIONAL DRILL, 1-1/4", 2
20	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, DIRECTIONAL DRILL, 2", 3
10,940	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 1-1/4", 1
400	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 1-1/4", 2
45	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 2", 1
35	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 2", 2
85	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 2", 3
170	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, PVC, TRENCH, 2", 1
10	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, PVC, TRENCH, 2", 2
10	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, PVC, TRENCH, 2", 3

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 019

CONTRACT ID : C201312 7CR.10171.5

DIV OFFICE GREENSBORO

LENGTH = 14.980 MI

COUNTY : CASWELL, ROCKINGHAM

MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 8.0% WBE 5.0% COMPLETION DATE : SEP 02 2005

NC-700 FROM WEST OF US-29 TO ROCKINGHAM CO LINE, 2 SECTIONS OF US-220 IN ROCKINGHAM CO &amp; 7 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,025	TON	INCIDENTAL STONE BASE
1.42	SMI	SHOULDER RECONSTRUCTION
8,867	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
4,990	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
1,826	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
59	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
4,144	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
509	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
790	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
12,792	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,432	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,034	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
42,709	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
8	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
16	EA	ADJUSTMENT OF MANHOLES
13	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
59,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
47,032	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
434	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
451	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
404	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
177	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
101	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
332,130	LF	PAINT PAVEMENT MARKING LINES (4")
0.7	ACR	RESIDENTIAL SEEDING
100	LF	TRENCHING (UNPAVED)
3	EA	JUNCTION BOX (***** (PULL BOX)
3,000	LF	INDUCTIVE LOOP SAWCUT
300	LF	LEAD-IN CABLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 020

CONTRACT ID : C201313 7CR.10011.5

DIV OFFICE GREENSBORO

LENGTH = 15.440 MI

COUNTY : ALAMANCE, GUILFORD

MILLING, RESURFACING &amp; PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 7.0% COMPLETION DATE : AUG 19 2005

1 SECTION OF US-70, 2 SECTIONS OF NC-100, 1 SECTION OF NC-49 AND 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,035	TON	INCIDENTAL STONE BASE
18,187	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/4")
3,639	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2-1/4")
19,041	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
248	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,160	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
131,598	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
53	EA	ADJUSTMENT OF MANHOLES
54	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
10,214	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
47,346	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
452	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
365	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
354	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
630	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
27	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
148	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
465,160	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	TRENCHING (UNPAVED)
9	EA	JUNCTION BOX (*****) (PULL BOX)
8,500	LF	INDUCTIVE LOOP SAWCUT
600	LF	LEAD-IN CABLE



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 021

CONTRACT ID : C201314 7CR.10681.3

DIV OFFICE GREENSBORO

LENGTH = 15.820 MI

COUNTY : ORANGE, CASWELL

MILLING, RESURFACING, &amp; PAVEMENT MARKINGS.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : SEP 09 2005

NC-86 FROM NORTH OF SR-1710 TO SOUTH OF SR-1723 AND 10 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,060	TON	INCIDENTAL STONE BASE
968	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
554	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
3,320	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
220	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
95	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
11,797	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5,214	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,028	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
85,745	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
4	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
4	EA	WHEELCHAIR RAMPS
14	EA	ADJUSTMENT OF MANHOLES
25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
52,044	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
62,063	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
454	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
2,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
981	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
100	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
446,780	LF	PAINT PAVEMENT MARKING LINES (4")
238	LF	PAINT PAVEMENT MARKING LINES (8")
Lump Sum	LS	PORTABLE LIGHTING
400	LF	TRENCHING (UNPAVED)
24	EA	JUNCTION BOX (***** (PULL BOX)
19,600	LF	INDUCTIVE LOOP SAWCUT
2,350	LF	LEAD-IN CABLE

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 022

CONTRACT ID : C201315 7CR.10411.7

DIV OFFICE GREENSBORO

LENGTH = 10.642 MI

COUNTY : GUILFORD

## MILLING, RESURFACING &amp; SHOULDER RECONSTRUCTION

MBE GOAL 6.0% WBE 10.0% COMPLETION DATE : AUG 26 2005

4 SECTIONS OF NC-6 SOUTH OF GREENSBORO AND 11 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
250	TON	INCIDENTAL STONE BASE
3.2	SMI	SHOULDER RECONSTRUCTION
435	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
6,396	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
9,684	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
2,157	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
4,025	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
1,928	SY	INCIDENTAL MILLING
1,047	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
922	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
171	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
13,914	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,335	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
977	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
981	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
261	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
40,361	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
58	EA	ADJUSTMENT OF MANHOLES
57	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
74,182	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
74,399	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
416	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
758	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
1,088	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
151	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
20,480	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	PORTABLE LIGHTING
1.55	ACR	RESIDENTIAL SEEDING
600	LF	TRENCHING (UNPAVED)
17	EA	JUNCTION BOX (***** (PULL BOX)
24,400	LF	INDUCTIVE LOOP SAWCUT
1,850	LF	LEAD-IN CABLE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 023

CONTRACT ID : C201319 33235.2.2

DIV OFFICE GREENSBORO

LENGTH = 0.180 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 11.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

CULVERT ON JACOB'S CREEK AND APPROACHES ON SR-2331 (BARHAM RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
12,600	CY	BORROW EXCAVATION
760	CY	DRAINAGE DITCH EXCAVATION
300	LF	BERM DITCH CONSTRUCTION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	*** SIDE DRAIN PIPE (30")
204	LF	15" RC PIPE CULVERTS, CLASS III
52	LF	18" RC PIPE CULVERTS, CLASS III
36	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
100	TON	STABILIZER AGGREGATE
100	TON	INCIDENTAL STONE BASE
625	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
380	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
52	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
18	EA	RIGHT OF WAY MARKERS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
435	LF	SHOULDER BERM GUTTER
850	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
45	TON	PLAIN RIP RAP, CLASS I
355	TON	PLAIN RIP RAP, CLASS B
1,190	SY	FILTER FABRIC FOR DRAINAGE
213	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
7,600	LF	PAINT PAVEMENT MARKING LINES (4")
24	EA	PERMANENT RAISED PAVEMENT MARKERS
725	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
355	TON	STONE FOR EROSION CONTROL, CLASS B
155	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
115	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
765	CY	SILT EXCAVATION
1,240	SY	MATting FOR EROSION CONTROL
50	SY	PERMANENT SOIL REINFORCEMENT MAT
80	LF	1/4" HARDWARE CLOTH
2	EA	SPECIAL STILLING BASINS
2.5	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
1.75	TON	FERTILIZER TOPDRESSING
235	LF	IMPERVIOUS DIKE
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
15	EA	GENERIC EROSION CONTROL ITEM TEMPORARY SILT DIKE

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+78.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (20+78.00 -L-)
205	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
328.4	CY	CLASS A CONCRETE (CULVERT)
52,274	LB	REINFORCING STEEL (CULVERT)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L041116 024

CONTRACT ID : C200895 34431.3.6

DIV OFFICE ABERDEEN

LENGTH = 1.974 MI

COUNTY : LEE

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

MBE GOAL 11.0% WBE 5.0% COMPLETION DATE : MAY 15 2007

US-421 &amp; NC-87 (SANFORD BYPASS) FROM EAST OF SR-1521 (KELLY DR) TO EAST OF NC-42.

ROADWAY ITEMS			500	SY	6" SLOPE PROTECTION	
			Lump Sum	LS	FINE GRADING	
			58,850	SY	LIME TREATED SOIL (SLURRY METHOD)	
				589	TON	LIME FOR LIME TREATED SOIL
Lump Sum	LS	MOBILIZATION		1,000	TON	STABILIZER AGGREGATE
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)		45,900	TON	AGGREGATE BASE COURSE
4	ACR	SUPPLEMENTARY CLEARING & GRUBBING		58,850	SY	*** SOIL CEMENT BASE (7")
5	EA	SEALING ABANDONED WELLS		244	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE
455,000	CY	UNCLASSIFIED EXCAVATION		736	TON	AGGREGATE FOR SOIL CEMENT BASE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+02.46-Y1-)		500	TON	INCIDENTAL STONE BASE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (565+49.40-LT-)		1,187	GAL	PRIME COAT
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (565+49.40-RT-)		420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,000	CY	UNDERCUT EXCAVATION		23,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
500	TON	CLASS IV SUBGRADE STABILIZATION		20,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,400,000	CY	BORROW EXCAVATION		1,100	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
15,000	CY	DRAINAGE DITCH EXCAVATION		1,711	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,400	LF	BERM DITCH CONSTRUCTION		1,206	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
8,700	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT		200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
24	HR	PROOF ROLLING		39,800	LF	MILLED RUMBLE STRIPS
18,000	CY	SELECT GRANULAR MATERIAL		175	CY	SUBDRAIN EXCAVATION
17,500	SY	FABRIC FOR SOIL STABILIZATION		100	CY	SUBDRAIN FINE AGGREGATE
200	TON	GENERIC GRADING ITEM DISPOSAL OF CONTAMINATED SOIL		500	LF	6" PERFORATED SUBDRAIN PIPE
1,500	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
168	LF	15" SIDE DRAIN PIPE		1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
308	LF	**** RC PIPE CULVERTS, CLASS ***** (36", V)		6	LF	6" OUTLET PIPE (SUBDRAINS)
4,470	LF	15" RC PIPE CULVERTS, CLASS III		400	LF	SHOULDER DRAIN
1,918	LF	18" RC PIPE CULVERTS, CLASS III		400	LF	4" SHOULDER DRAIN PIPE
1,136	LF	24" RC PIPE CULVERTS, CLASS III		18.5	LF	4" OUTLET PIPE (SHOULDER DRAINS)
946	LF	30" RC PIPE CULVERTS, CLASS III		10	TON	BLOTTING SAND
172	LF	36" RC PIPE CULVERTS, CLASS III		40	CY	ENDWALLS
316	LF	42" RC PIPE CULVERTS, CLASS III		2	CY	PIPE COLLARS
460	LF	**** RC PIPE CULVERTS, CLASS IV (24")		5	CY	FLOWABLE FILL
488	LF	**** RC PIPE CULVERTS, CLASS IV (36")		89	EA	MASONRY DRAINAGE STRUCTURES
688	LF	**** RC PIPE CULVERTS, CLASS IV (42")		22	LF	MASONRY DRAINAGE STRUCTURES
648	LF	**** RC PIPE CULVERTS, CLASS IV (48")		21	EA	FRAME WITH TWO GRATES, STD 840.20
56	LF	6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)		44	EA	FRAME WITH TWO GRATES, STD 840.22
1,464	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		16	EA	FRAME WITH TWO GRATES, STD 840.24
68	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
184	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
116	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK		1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
28	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		1	EA	FRAME WITH COVER, STD 840.54
4	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		6	EA	CONCRETE APRON FOR CATCH BASIN
4	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK		81	EA	CONCRETE APRON FOR DROP INLETS
6	EA	30" BIT COAT CS PIPE ELBOWS, TYPE B 0.079" THICK		1,300	LF	***X*** CONCRETE CURB (8" X 18")
692	LF	PIPE REMOVAL		2,500	LF	2'-6" CONCRETE CURB & GUTTER
				4,550	LF	SHOULDER BERM GUTTER
				2	EA	MODIFIED CONCRETE FLUME
				725	LF	CONCRETE VALLEY GUTTER
				65	SY	4" CONCRETE PAVED DITCH
				1,000	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
				110	SY	3" CORRUGATED CONCRETE ISLANDS
				2	EA	IMPACT ATTENUATOR UNIT, TYPE 350

			21,025	TON	STONE FOR EROSION CONTROL, CLASS B
			9,225	TON	SEDIMENT CONTROL STONE
			110	ACR	TEMPORARY MULCHING
9,750	LF	STEEL BM GUARDRAIL	3,750	LB	SEED FOR TEMPORARY SEEDING
20	EA	ADDITIONAL GUARDRAIL POSTS	15	TON	FERTILIZER FOR TEMPORARY SEEDING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	2,440	LF	TEMPORARY SLOPE DRAINS
7	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	41	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
10	EA	GUARDRAIL ANCHOR UNITS, TYPE III	11,140	LF	SAFETY FENCE
12	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	137,875	CY	SILT EXCAVATION
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	16,745	SY	MATTING FOR EROSION CONTROL
8,400	LF	DOUBLE FACED CABLE GUIDERAIL	1,710	SY	PERMANENT SOIL REINFORCEMENT MAT
12	EA	CABLE GUIDERAIL ANCHOR UNITS	2,930	LF	1/4" HARDWARE CLOTH
22,500	LF	WOVEN WIRE FENCE, 47" FABRIC	440	CY	STILLING BASINS
1,450	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	202.5	ACR	SEEDING & MULCHING
400	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	62.5	ACR	MOWING
22,500	LF	ADDITIONAL BARBED WIRE	900	LB	SEED FOR REPAIR SEEDING
515	TON	PLAIN RIP RAP, CLASS I	2	TON	FERTILIZER FOR REPAIR SEEDING
2,600	TON	PLAIN RIP RAP, CLASS B	2,500	LB	SEED FOR SUPPLEMENTAL SEEDING
40	TON	BOULDERS	151.75	TON	FERTILIZER TOPDRESSING
12,390	SY	FILTER FABRIC FOR DRAINAGE	1.85	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	37	LF	IMPERVIOUS DIKE
13	CY	REINFORCED CONCRETE SIGN FOOTINGS	40	HR	SPECIALIZED HAND MOWING
1	CY	PLAIN CONCRETE SIGN FOOTINGS	36	EA	RESPONSE FOR EROSION CONTROL
2,541	LB	SUPPORTS, BREAKAWAY STEEL BEAM	96	EA	ROOTWADS
7,169	LB	SUPPORTS, SIMPLE STEEL BEAM	1,130	CY	CULVERT DIVERSION CHANNEL
822	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	4.5	ACR	REFORESTATION
5	EA	SIGN ERECTION, TYPE D	2.11	ACR	STREAMBANK REFORESTATION
26	EA	SIGN ERECTION, TYPE E	2,000	LF	SIGNAL CABLE
11	EA	SIGN ERECTION, TYPE F	15	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
11	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	6	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	3,050	LF	MESSENGER CABLE (1/4")
835	SF	WORK ZONE SIGNS (STATIONARY)	370	LF	TRACER WIRE
296	SF	WORK ZONE SIGNS (PORTABLE)	2,190	LF	TRENCHING (UNPAVED)
220	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,130	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)
4	EA	WARNING FLAG SETS	280	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT) (4)
275	EA	DRUMS	15	EA	JUNCTION BOX (STANDARD SIZE)
124	EA	CONES	9	EA	JUNCTION BOX (OVER-SIZED)
284	LF	BARRICADES (TYPE III)	3	EA	GUY ASSEMBLY
384	MD	FLAGGER	3	EA	2" RISER WITH HEAT SHRINK TUBING
85	EA	TUBULAR MARKERS (FIXED)	4,740	LF	INDUCTIVE LOOP SAWCUT
240	EA	TEMPORARY RAISED PAVEMENT MARKERS	4,740	LF	LEAD-IN CABLE
59,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	4,510	LF	COMMUNICATIONS CABLE (**FIBER) (12)
25,668	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	3	EA	INTERCONNECT CENTER
3,341	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	3	EA	FIBER-OPTIC TRANSCEIVER
653	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	8	EA	DELINEATOR MARKER
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)	1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
61	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1	EA	CABLE TRANSFER
1,040	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")	7	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
72,607	LF	PAINT PAVEMENT MARKING LINES (4")	1	EA	DOUBLE MAST ARM WITH METAL POLE
120	LF	PAINT PAVEMENT MARKING LINES (8")	8	EA	SOIL TEST
144	LF	PAINT PAVEMENT MARKING LINES (24")	105	LF	DRILLED PIER FOUNDATION (** DIA) (42")
683	EA	PERMANENT RAISED PAVEMENT MARKERS	15	LF	DRILLED PIER FOUNDATION (** DIA) (48")
50	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	8	EA	MAST ARM WITH METAL POLE DESIGN
50	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	6	EA	SIGN FOR SIGNALS
951	LF	6" DI WATER PIPE, PC 350	3	EA	SIGNAL CABINET FOUNDATION
600	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP	3	EA	CABINET BASE ADAPTER
318	LF	*** STEEL ENCASEMENT PIPE, ***** THICK, BY OPEN CUT (12-3/4", 0.188")	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
27,785	LF	TEMPORARY SILT FENCE	14	EA	DETECTOR CARD (TYPE 2070L)
735	TON	STONE FOR EROSION CONTROL, CLASS A	2	EA	METAL POLE FOUNDATION REMOVAL
			2	EA	METAL POLE REMOVAL
			1	EA	GENERIC SIGNAL ITEM MODIFY CONTROLLER WITH CABINET NEMA TS-1

**CULVERT ITEMS**

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (508+40.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (532+67.00-L-)
645	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,409.9	CY	CLASS A CONCRETE (CULVERT)
198,509	LB	REINFORCING STEEL (CULVERT)
109	TON	PLAIN RIP RAP CLASS B

**STRUCTURE ITEMS**

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 519+42.20-L-)
21,105	SF	REINFORCED CONCRETE DECK SLAB
23,550	SF	GROOVING BRIDGE FLOORS
247.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (519+42.20-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (565+49.40-L- LT. LANE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (565+49.40-L-RT. LANE)
40,652	LB	REINFORCING STEEL (BRIDGE)
1,323	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
847,300	LS	APPROX ..... LBS STRUCTURAL STEEL
3,860	LF	HP12X53 STEEL PILES
1,060.4	LF	CONCRETE BARRIER RAIL
1,791	SY	4" SLOPE PROTECTION
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 025

CONTRACT ID : C201318 33120.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.227 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : JUN 01 2006

BRIDGE OVER RICHLAND CREEK AND APPROACHES ON SR-2832.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
13,600	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+97.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
700	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
100	TON	CLASS IV SUBGRADE STABILIZATION
500	SY	FABRIC FOR SOIL STABILIZATION
148	LF	15" SIDE DRAIN PIPE
84	LF	15" RC PIPE CULVERTS, CLASS III
64	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
89	LF	PIPE REMOVAL
1	EA	PIPE CLEAN-OUT
180	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
66	GAL	PRIME COAT
600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
400	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
52	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
190	LF	SHOULDER BERM GUTTER
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, WEATHERING STEEL)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, WEATHERING STEEL)
350	LF	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL (WEATHERING STEEL)
5	EA	GENERIC GUARDRAIL ITEM ADDITIONAL GUARDRAIL POSTS (WEATHERING STEEL)
250	TON	PLAIN RIP RAP, CLASS A
10	TON	PLAIN RIP RAP, CLASS B
160	SY	FILTER FABRIC FOR DRAINAGE
192	SF	WORK ZONE SIGNS (STATIONARY)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	WARNING FLAG SETS
60	LF	BARRICADES (TYPE III)
10,200	LF	PAINT PAVEMENT MARKING LINES (4")
32	EA	PERMANENT RAISED PAVEMENT MARKERS
550	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
450	TON	STONE FOR EROSION CONTROL, CLASS B
150	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1,050	CY	SILT EXCAVATION
1,200	SY	MATTING FOR EROSION CONTROL
75	LF	1/4" HARDWARE CLOTH
3.5	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
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+97.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+97.50-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 17+97.50-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 17+97.50-L-)
61	LF	PILE EXCAVATION IN SOIL
22	LF	PILE EXCAVATION NOT IN SOIL
675	CY	UNCLASSIFIED STRUCTURE EXCAVATION
4,918	SF	REINFORCED CONCRETE DECK SLAB
5,472	SF	GROOVING BRIDGE FLOORS
158	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+97.50-L-)
29,244	LB	REINFORCING STEEL (BRIDGE)
1,560	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
635.89	LF	45" PRESTRESSED CONCRETE GIR-DERS
190	LF	HP12X53 STEEL PILES
9	EA	STEEL PILE POINTS
309.85	LF	ONE BAR METAL RAIL
325.23	LF	1'-**X ***** CONCRETE PARA-PET (1'-0" X 1'-6")
515	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
570	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

L041116 026

CONTRACT ID : C201069 34468.3.3

DIV OFFICE WINSTON-SALEM

LENGTH = 5.667 KM

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING, SIGNALS &amp; STRUCTURES.

DBE GOAL 15.0% COMPLETION DATE : JUL 15 2007

NC-109 FROM NORTH OF I-85 BUS TO NORTH OF SR-1756 (LEXINGTON AVE) NORTH OF LEDFORD MIDDLE SCHOOL.

ROADWAY ITEMS					
			2,600	MTN	AGGREGATE BASE COURSE
			79,625	M2	***MM SOIL CEMENT BASE (180MM)
			2,400	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
			550	MTN	AGGREGATE FOR SOIL CEMENT BASE
Lump Sum	LS	MOBILIZATION	83,500	L	ASPHALT CURING SEAL
Lump Sum	LS	CONSTRUCTION SURVEYING	1,000	MTN	INCIDENTAL STONE BASE
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)	9,350	L	PRIME COAT
1.6	HA	SUPPLEMENTARY CLEARING & GRUBBING	4,000	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
6	EA	SEALING ABANDONED WELLS	30,900	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
590,000	M3	UNCLASSIFIED EXCAVATION	800	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (61+30.523 NBL)	26,100	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (61+32.478 SBL)	3,800	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
8,000	M3	UNDERCUT EXCAVATION	25,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,000	MTN	CLASS IV SUBGRADE STABILIZATION	3,000	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
36,000	M3	BORROW EXCAVATION	1,530	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4,550	M3	DRAINAGE DITCH EXCAVATION	10	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
730	M	BERM DITCH CONSTRUCTION	19,600	M	MILLED RUMBLE STRIPS
28,500	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	195	EA	RIGHT OF WAY MARKERS
35	HR	PROOF ROLLING	170	M3	SUBDRAIN EXCAVATION
500	M3	SELECT GRANULAR MATERIAL	90	M3	SUBDRAIN FINE AGGREGATE
200	M2	FABRIC FOR SOIL STABILIZATION	200	M	150MM PERFORATED SUBDRAIN PIPE
1,400	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	20	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
261.6	M	375MM SIDE DRAIN PIPE	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
13.2	M	450MM SIDE DRAIN PIPE	4	M	150MM OUTLET PIPE (SUBDRAINS)
8.4	M	600MM SIDE DRAIN PIPE	20	MTN	BLOTTING SAND
1,790.4	M	375MM RC PIPE CULVERTS, CLASS III	4	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
344.4	M	450MM RC PIPE CULVERTS, CLASS III	17.8	M3	ENDWALLS
536.4	M	600MM RC PIPE CULVERTS, CLASS III	3.8	M3	REINFORCED ENDWALLS
319.2	M	750MM RC PIPE CULVERTS, CLASS III	1.79	M3	PIPE COLLARS
8.4	M	900MM RC PIPE CULVERTS, CLASS III	99	EA	MASONRY DRAINAGE STRUCTURES
103.2	M	1050MM RC PIPE CULVERTS, CLASS III	15	M3	MASONRY DRAINAGE STRUCTURES
25.2	M	1350MM RC PIPE CULVERTS, CLASS III	20	M	MASONRY DRAINAGE STRUCTURES
188.4	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)	3	EA	FRAME WITH TWO GRATES, STD 840.16
81.6	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)	85	EA	FRAME WITH TWO GRATES, STD 840.22
168	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
206.4	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
356.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
60	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	1	EA	FRAME WITH COVER, STD 840.54
64.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	3,000	M3	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL
30	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	10,000	M2	FABRIC FOR TEMPORARY FABRIC WALL
22	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	430	M	750MM CONCRETE CURB & GUTTER
2	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	790	M	SHOULDER BERM GUTTER
25.2	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTALLED BY BORING & JACKING (600MM, 12.7MM)	33	M2	150MM CONCRETE DRIVEWAY
591.1	M	PIPE REMOVAL	100	M2	100MM CONCRETE PAVED DITCH
Lump Sum	LS	FINE GRADING	640	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
42,875	M2	LIME TREATED SOIL (SLURRY METHOD)	800	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
500	MTN	LIME FOR LIME TREATED SOIL	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
750	MTN	STABILIZER AGGREGATE	3,844.29	M	STEEL BM GUARDRAIL
			190.5	M	STEEL BM GUARDRAIL, SHOP CURVED



			83,382	M	PAINT PAVEMENT MARKING LINES (100MM)
			160	M	PAINT PAVEMENT MARKING LINES (200MM)
			188	M	PAINT PAVEMENT MARKING LINES (600MM)
8	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	96	EA	PAINT PAVEMENT MARKING CHARACTER
15	EA	ADDITIONAL GUARDRAIL POSTS	116	EA	PAINT PAVEMENT MARKING SYMBOL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	1,112	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
25	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2,710	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III	19	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
38	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1,286	EA	SNOWPLOWABLE PAVEMENT MARKERS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	594	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
250	M	REMOVE EXISTING GUARDRAIL	594	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
26.67	M	TEMPORARY STEEL BM GUARDRAIL	6	MTN	PAVEMENT REPAIR FOR UTILITY WORK
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	35	M	150MM DI WATER PIPE, PC 2.41MPA
10,500	M	WOVEN WIRE FENCE, 1200MM FABRIC	2,260	M	200MM DI WATER PIPE, PC 2.41MPA
2,050	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	305	M	20MM COPPER WATER PIPE, TYPE K
775	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	90	M	***MM PVC WATER PIPE, SDR **** (50MM, 17, 1.72MPA WP)
370	M	CHAIN LINK FENCE, 1200MM FABRIC	452	M	***MM PVC WATER PIPE, SDR **** (75MM, 17, 1.72MPA WP)
75	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE	798	M	150MM PVC WATER PIPE, SDR 21, 1.38MPA WP
5	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	3,043	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
300	M	ADDITIONAL BARBED WIRE	26	EA	20MM CORPORATION STOP
99.06	M	RELAPPING GUARDRAIL	4	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (50MM, 1.38MPA WP)
1,000	MTN	PLAIN RIP RAP, CLASS I	1	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (75MM, 1.38MPA WP)
30	MTN	PLAIN RIP RAP, CLASS II	10	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
360	MTN	PLAIN RIP RAP, CLASS A	12	EA	200MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA)
1,810	MTN	PLAIN RIP RAP, CLASS B	9	EA	*** X ***MM TAPPING SADDLE (150MM X 20MM)
30	MTN	BOULDERS	2	EA	*** X ***MM TAPPING SADDLE (150MM X 50MM)
10,420	M2	FILTER FABRIC FOR DRAINAGE	12	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)
8	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	2	EA	*** X ***MM TAPPING SADDLE (200MM X 50MM)
1	EA	GENERIC EROSION CONTROL ITEM PREFORMED SCOUR HOLE	1	EA	*** X ***MM TAPPING SADDLE (50MM X 20MM)
1,008	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	3	EA	*** X ***MM TAPPING SADDLE (75MM X 20MM)
3	EA	SIGN ERECTION, TYPE D	1	EA	*** X ***MM TAPPING SADDLE (75MM, 50MM)
190	EA	SIGN ERECTION, TYPE E	1	EA	50MM BLOW OFF ASSEMBLY
2	EA	SIGN ERECTION, TYPE F	2	EA	200MM TRANSITION COUPLING, ***** (DI TO AC)
2	EA	RELOCATE SIGN, TYPE ***** (D)	28	EA	RELOCATE EXISTING WATER METER
1	EA	RELOCATE SIGN, TYPE ***** (E)	2	EA	RELOCATE EXISTING ***MM WATER METER & METER VAULT (50MM)
67	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4	EA	RELOCATE EXISTING FIRE HYDRANT
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL	32	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (150MM, SDR 21, 1.38MPA WP)
36	M2	WORK ZONE SIGNS (STATIONARY)	300	KG	DUCTILE IRON SEWER PIPE FITTINGS, 1.72MPA MIN WP
27	M2	WORK ZONE SIGNS (PORTABLE)	31	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (150MM, PVC FORCE MAIN)
16	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	224	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, AC WATER)
1	EA	FLASHING ARROW PANELS, TYPE C	132	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, PVC WATER)
7	EA	CHANGEABLE MESSAGE SIGNS	3	EA	GENERIC UTILITY ITEM REMOVE EXT WATER METER
10	EA	WARNING FLAG SETS	96	M	GENERIC UTILITY ITEM 200MM DI RJ WATER PIPE, PC 2.41MPA WP, BY TRENCHLESS METHOD
343	EA	DRUMS	2,685	M	TEMPORARY SILT FENCE
343	EA	CONES	725	MTN	STONE FOR EROSION CONTROL, CLASS A
500	M	BARRICADES (TYPE III)	8,870	MTN	STONE FOR EROSION CONTROL, CLASS B
500	MD	FLAGGER			
5	EA	TEMPORARY CRASH CUSHIONS			
5	EA	RESET TEMPORARY CRASH CUSHIONS			
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)			
978	M	PORTABLE CONCRETE BARRIER			
802	M	RESET PORTABLE CONCRETE BARRIER			
24	HR	POLICE			
1,690	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)			
13	EA	REMOVABLE TAPE PAVEMENT MARKING SYMBOL			
482	EA	TEMPORARY RAISED PAVEMENT MARKERS			
24,068	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)			
9,736	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)			
1,327	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)			
134	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)			
18	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)			
116	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)			

			17.4	M	PERMANENT STEEL CASING FOR 1220MM DRILLED PIER
			4	EA	CROSSHOLE SONIC LOGGING
			183.6	M	CSL TUBES
4,145	MTN	SEDIMENT CONTROL STONE	990	M3	UNCLASSIFIED STRUCTURE EXCAVA- TION (61+31.500 -L- LT LN)
45	HA	TEMPORARY MULCHING	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (61+31.500 -L- RT LN)
1,775	KG	SEED FOR TEMPORARY SEEDING	1,212	M2	REINFORCED CONCRETE DECK SLAB
14.5	MTN	FERTILIZER FOR TEMPORARY SEED- ING	1,012.6	M2	GROOVING BRIDGE FLOORS
335	M	TEMPORARY SLOPE DRAINS	134.9	M3	CLASS A CONCRETE (BRIDGE)
28	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (61+31.500 -L- LT LN)
89,790	M3	SILT EXCAVATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (61+31.500 -L- RT LN)
16,960	M2	MATTING FOR EROSION CONTROL	16,605	KG	REINFORCING STEEL (BRIDGE)
890	M	6.4MM HARDWARE CLOTH	2,235	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
40	M3	STILLING BASINS	407.04	M	1372MM PRESTRESSED CONCRETE GIRDERS
12	EA	SPECIAL STILLING BASINS	280	M	HP310X79 STEEL PILES
42.5	HA	SEEDING & MULCHING	205.456	M	CONCRETE BARRIER RAIL
25.5	HA	MOWING	1,025	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
550	KG	SEED FOR REPAIR SEEDING	1,048	M2	FILTER FABRIC FOR DRAINAGE
2	MTN	FERTILIZER FOR REPAIR SEEDING	Lump Sum	LS	ELASTOMERIC BEARINGS
1,200	KG	SEED FOR SUPPLEMENTAL SEEDING	Lump Sum	LS	EVAZOTE JOINT SEALS
71	MTN	FERTILIZER TOPDRESSING			
0.6	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)			
15	M	IMPERVIOUS DIKE			
31.5	HR	SPECIALIZED HAND MOWING			
20	EA	RESPONSE FOR EROSION CONTROL			
5	EA	ROOTWADS			
220	M3	CULVERT DIVERSION CHANNEL			
5	HA	REFORESTATION			
0.4	HA	STREAMBANK REFORESTATION			
3,160	M	GENERIC EROSION CONTROL ITEM SAFETY FENCE			
760	M	SIGNAL CABLE			
25	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)			
2	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)			
490	M	MESSENGER CABLE (9.52MM)			
855	M	TRENCHING (UNPAVED)			
18	EA	JUNCTION BOX (STANDARD SIZE)			
10	EA	WOOD POLE			
20	EA	GUY ASSEMBLY			
3	EA	25MM RISER WITH WEATHERHEAD			
11	EA	50MM RISER WITH WEATHERHEAD			
1,210	M	INDUCTIVE LOOP SAWCUT			
1,670	M	LEAD-IN CABLE			
4	EA	SIGN FOR SIGNALS			
2	EA	SIGNAL CABINET FOUNDATION			
2	EA	CABINET BASE ADAPTER			
18	EA	DETECTOR CARD (***** (TYPE 2070L)			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)			

### CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (46+85.000 -L)
177	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
280.2	M3	CLASS A CONCRETE (CULVERT)
28,358	KG	REINFORCING STEEL (CULVERT)

### STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (61+31.500 -L- LT LN)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (61+31.500 -L- RT LN)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (61+31.500 -L- LT LN)
26.9	M	1220MM DIA DRILLED PIERS IN SOIL
14.5	M	1220MM DIA DRILLED PIERS NOT IN SOIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 027

CONTRACT ID : C201071 33454.2.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.237 MI

COUNTY : DAVIDSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 15 2005

BRIDGE OVER RICH FORK CREEK & APPROACHES ON US-29/70 & I-85 BUS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+38.40 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
1,250	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
750	CY	SELECT GRANULAR MATERIAL
2,000	SY	FABRIC FOR SOIL STABILIZATION
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
500	LF	15" RC PIPE CULVERTS, CLASS III
44	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
775	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
1,000	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3-1/2")
1,100	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
112	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
60	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
7	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.22
2	EA	FRAME WITH TWO GRATES, STD 840.29
20	LF	SHOULDER BERM GUTTER
2	EA	MODIFIED CONCRETE FLUME
10	SY	4" CONCRETE PAVED DITCH
1,000	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,400	LF	REMOVE EXISTING GUARDRAIL
500	LF	RELAPPING GUARDRAIL
8	TON	PLAIN RIP RAP, CLASS B
360	SY	FILTER FABRIC FOR DRAINAGE
3,108	SF	WORK ZONE SIGNS (STATIONARY)
640	SF	WORK ZONE SIGNS (PORTABLE)
96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
5	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
120	EA	DRUMS
448	LF	BARRICADES (TYPE III)
6	EA	WARNING LIGHTS (TYPE B)
3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
1,700	LF	PORTABLE CONCRETE BARRIER
20	HR	POLICE

7,870	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
397	EA	TEMPORARY RAISED PAVEMENT MARKERS
7,080	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
885	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,035	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")
20,981	LF	PAINT PAVEMENT MARKING LINES (4")
4,500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	EA	PERMANENT RAISED PAVEMENT MARKERS
46	EA	SNOWPLOWABLE PAVEMENT MARKERS
1,645	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
90	TON	STONE FOR EROSION CONTROL, CLASS B
160	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
135	CY	SILT EXCAVATION
1,460	SY	MATTING FOR EROSION CONTROL
160	LF	1/4" HARDWARE CLOTH
110	SY	FLOATING TURBIDITY CURTAIN
4	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
0.15	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BUEGRASS)
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+38.40-L-)
118.4	LF	4'-0" DIA DRILLED PIERS IN SOIL
14.5	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
31.5	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER
2	EA	CROSSHOLE SONIC LOGGING
571.7	LF	CSL TUBES
665	CY	UNCLASSIFIED STRUCTURE EXCAVATION
8,864	SF	REINFORCED CONCRETE DECK SLAB
7,433	SF	GROOVING BRIDGE FLOORS
138.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+38.40 -L-)
43,613	LB	REINFORCING STEEL (BRIDGE)
4,168	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
890	LF	54" PRESTRESSED CONCRETE GIRDERS
770	LF	HP12X53 STEEL PILES
11	EA	STEEL PILE POINTS
451.86	LF	CONCRETE BARRIER RAIL
591	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
657	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****L041116 028****CONTRACT ID : C201263 38741.3.1****DIV OFFICE ALBEMARLE****LENGTH = 4.550 MI****COUNTY : CABARRUS****PAVEMENT REHABILITATION.****DBE GOAL 11.0% COMPLETION DATE : JUL 29 2005****I-85 FROM US-601 TO THE ROWAN COUNTY LINE.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
20	SMI	SHOULDER RECONSTRUCTION
1,000	SY	INCIDENTAL MILLING
25,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5D
1,200	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1,000	TON	PATCHING EXISTING PAVEMENT
200	SY	GENERIC PAVING ITEM CONTINUOUS REINF CONC REPAIR
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
300	EA	DRUMS
2	EA	TEMPORARY CRASH CUSHIONS
6	EA	RESET TEMPORARY CRASH CUSHIONS
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
1,000	LF	PORTABLE CONCRETE BARRIER
6,000	LF	RESET PORTABLE CONCRETE BAR- RIER
20	HR	POLICE
106,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
15,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
8,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
131,500	LF	PAINT PAVEMENT MARKING LINES (4")
1,000	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 029

CONTRACT ID : C201210 34209.2.3

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.743 MI

COUNTY : SURRY, YADKIN

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : NOV 01 2006

BRIDGE OVER YADKIN RIVER, YADKIN VALLEY RAILROAD & NC-268 AND APPROACHES ON I-77.

ROADWAY ITEMS

			2	CY	PIPE COLLARS	
			13	EA	MASONRY DRAINAGE STRUCTURES	
			9	LF	MASONRY DRAINAGE STRUCTURES	
			1	EA	FRAME WITH TWO GRATES, STD 840.20	
			7	EA	FRAME WITH TWO GRATES, STD 840.22	
			4	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	
			140	LF	GENERIC DRAINAGE ITEM SLOTTED DRAIN, 15" CS SLOTTED DRAIN, 0.064" THICK	
			710	LF	SHOULDER BERM GUTTER	
			2	EA	MODIFIED CONCRETE FLUME	
			50	SY	4" CONCRETE PAVED DITCH	
			1,075	LF	STEEL BM GUARDRAIL	
			10	EA	ADDITIONAL GUARDRAIL POSTS	
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (WBEAM)	
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	
			1,194	LF	REMOVE EXISTING GUARDRAIL	
			910	LF	WOVEN WIRE FENCE, 47" FABRIC	
			55	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	
			30	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	
			100	LF	ADDITIONAL BARBED WIRE	
			35	TON	PLAIN RIP RAP, CLASS I	
			3	TON	PLAIN RIP RAP, CLASS B	
			2,200	SY	FILTER FABRIC FOR DRAINAGE	
			1,174	SF	WORK ZONE SIGNS (STATIONARY)	
			553	SF	WORK ZONE SIGNS (PORTABLE)	
			20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
			3	EA	FLASHING ARROW PANELS, TYPE C	
			2	EA	CHANGEABLE MESSAGE SIGNS	
			150	EA	DRUMS	
			20	EA	CONES	
			24	LF	BARRICADES (TYPE III)	
			1,200	HR	FLAGGER	
			6	EA	WARNING LIGHTS (TYPE B)	
			4	EA	TEMPORARY CRASH CUSHIONS	
			2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	
			3,650	LF	PORTABLE CONCRETE BARRIER	
			950	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	
			405	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)	
			13,410	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")	
			6	EA	REMOVABLE TAPE PAVEMENT MARKING SYMBOL	
			1,000	EA	TEMPORARY RAISED PAVEMENT MARKERS	
			3	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL	
			8,550	LF	PAINT PAVEMENT MARKING LINES (4")	
			9,910	LF	POLYUREA PAVEMENT MARKING LINES (4")	
			467	LF	POLYUREA PAVEMENT MARKING LINES (8")	
			5,405	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
			3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
			10,377	LF	CURING COMPOUND REMOVAL, LINES	
			3	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS	
			20	EA	PERMANENT RAISED PAVEMENT MARKERS	
Lump Sum	LS	MOBILIZATION				
Lump Sum	LS	CONSTRUCTION SURVEYING				
37,300	CY	UNCLASSIFIED EXCAVATION				
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+95.000)				
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING				
1,000	CY	UNDERCUT EXCAVATION				
Lump Sum	LS	GRADING				
420	TON	CLASS IV SUBGRADE STABILIZATION				
2	CY	DRAINAGE DITCH EXCAVATION				
225	LF	BERM DITCH CONSTRUCTION				
3	HR	PROOF ROLLING				
250	CY	SELECT GRANULAR MATERIAL				
1,500	SY	FABRIC FOR SOIL STABILIZATION				
7,000	SF	TEMPORARY SHORING				
2,000	SF	TEMPORARY SHORING - BARRIER SUPPORTED				
155	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS				
492	LF	15" RC PIPE CULVERTS, CLASS III				
108	LF	18" RC PIPE CULVERTS, CLASS III				
24	LF	24" RC PIPE CULVERTS, CLASS III				
316	LF	15" CS PIPE CULVERTS, 0.064" THICK				
84	LF	18" CS PIPE CULVERTS, 0.064" THICK				
400	LF	24" CS PIPE CULVERTS, 0.064" THICK				
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK				
2	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK				
192	LF	PIPE REMOVAL				
75	TON	INCIDENTAL STONE BASE				
1,460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B				
3,370	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C				
970	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C				
540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
940	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C				
289	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22				
62	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22				
4,190	LF	MILLED RUMBLE STRIPS				
7,100	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (13")				
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT				
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT				
70	CY	SUBDRAIN EXCAVATION				
35	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)				
3,550	LF	SHOULDER DRAIN				
3,550	LF	4" SHOULDER DRAIN PIPE				
500	LF	4" OUTLET PIPE (SHOULDER DRAINS)				
11	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET				
3	CY	ENDWALLS				

80	EA	SNOWPLOWABLE PAVEMENT MARKERS	68	SY	GENERIC STRUCTURE ITEM
1,100	LF	TEMPORARY SILT FENCE			8" SLOPE PROTECTION
200	TON	STONE FOR EROSION CONTROL, CLASS A			
600	TON	STONE FOR EROSION CONTROL, CLASS B			
1,620	TON	SEDIMENT CONTROL STONE			
6	ACR	TEMPORARY MULCHING			
200	LB	SEED FOR TEMPORARY SEEDING			
1	TON	FERTILIZER FOR TEMPORARY SEED- ING			
100	LF	TEMPORARY SLOPE DRAINS			
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
3,200	CY	SILT EXCAVATION			
3,600	SY	MATTING FOR EROSION CONTROL			
640	LF	1/4" HARDWARE CLOTH			
40	EA	SPECIAL STILLING BASINS			
7.5	ACR	SEEDING & MULCHING			
3.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
150	LB	SEED FOR SUPPLEMENTAL SEEDING			
5.5	TON	FERTILIZER TOPDRESSING			
0.15	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)			
3	HR	SPECIALIZED HAND MOWING			
16	EA	RESPONSE FOR EROSION CONTROL			

**WALL ITEMS**

Lump Sum	LS	MSE RETAINING WALL, STA ***** (22+00.00-SBL-)
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**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (28+95.00 -SBL-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+95.00 -SBL-)
617.5	LF	***.***" DIA DRILLED PIERS IN SOIL (4'-6")
200	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (4'-6")
99.86	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (4'-6")
6	EA	SID INSPECTION
6	EA	SPT TESTING
6	EA	CROSSHOLE SONIC LOGGING
3,510	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (28+95.00 -SBL-)
57,027	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)
55,466	SF	GROOVING BRIDGE FLOORS
845.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+95.00 -SBL-)
230,467	LB	REINFORCING STEEL (BRIDGE)
43,283	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
6,215.04	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
1,530	LF	HP12X53 STEEL PILES
1,515.67	LF	CONCRETE BARRIER RAIL
398	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
511	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (28+95.00 -SBL-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 030

CONTRACT ID : C200910 34383.3.4

DIV OFFICE SHELBY

LENGTH = 7.788 KM

COUNTY : LINCOLN

GRADING, DRAINAGE, Y-LINE PAVING & STRUCTURES.

DBE GOAL 15.0% COMPLETION DATE : APR 15 2008

NC-16 FROM NORTH OF NC-73 TO NORTH OF SR-1386 (ST JAMES CHURCH RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	120	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	CONSTRUCTION SURVEYING	32.4	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	FIELD OFFICE	22.8	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	49.2	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
2	HA	SUPPLEMENTARY CLEARING & GRUBBING	40	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
9	EA	SEALING ABANDONED WELLS	12	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
1,650,500	M3	UNCLASSIFIED EXCAVATION	2	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (123+52.783)	32	M	GENERIC PIPE ITEM 150MM PVC PIPE, SDR 80 (SPRING BOX)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (123+79.487)	226	M	PIPE REMOVAL
17,000	M3	UNDERCUT EXCAVATION	1	EA	PIPE CLEAN-OUT
318,500	M3	BORROW EXCAVATION	Lump Sum	LS	FINE GRADING
31,100	M3	DRAINAGE DITCH EXCAVATION	17,000	MTN	AGGREGATE BASE COURSE
140	M	BERM DITCH CONSTRUCTION	100	MTN	INCIDENTAL STONE BASE
3,200	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	7,200	L	PRIME COAT
1,100	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	1,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
30	HR	PROOF ROLLING	2,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
15,000	M3	SELECT GRANULAR MATERIAL	3,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
14,100	M2	FABRIC FOR SOIL STABILIZATION	1,900	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
4,600	MTN	SELECT MATERIAL, CLASS II	1,850	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,700	MTN	SELECT MATERIAL, CLASS III	800	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
26,500	MTN	SELECT MATERIAL, CLASS IV	525	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,665	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	45	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
31.2	M	375MM SIDE DRAIN PIPE	50	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
124.8	M	*****MM RC PIPE CULVERTS, CLASS *** (1050MM , V)	450	M3	SUBDRAIN EXCAVATION
183.6	M	*****MM RC PIPE CULVERTS, CLASS *** (1350MM, V)	220	M3	SUBDRAIN FINE AGGREGATE
111.6	M	*****MM RC PIPE CULVERTS, CLASS *** (1650MM, V)	500	M	150MM PERFORATED SUBDRAIN PIPE
153.6	M	*****MM RC PIPE CULVERTS, CLASS *** (750MM, V)	50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
1,642.6	M	375MM RC PIPE CULVERTS, CLASS III	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
585.6	M	450MM RC PIPE CULVERTS, CLASS III	8	M	150MM OUTLET PIPE (SUBDRAINS)
86.4	M	600MM RC PIPE CULVERTS, CLASS III	31	M3	ENDWALLS
108	M	750MM RC PIPE CULVERTS, CLASS III	9	M3	REINFORCED ENDWALLS
440.4	M	*****MM RC PIPE CULVERTS, CLASS IV (1050MM)	116	EA	MASONRY DRAINAGE STRUCTURES
121.2	M	*****MM RC PIPE CULVERTS, CLASS IV (1200MM)	4	M3	MASONRY DRAINAGE STRUCTURES
66	M	*****MM RC PIPE CULVERTS, CLASS IV (450MM)	26	M	MASONRY DRAINAGE STRUCTURES
178.8	M	*****MM RC PIPE CULVERTS, CLASS IV (600MM)	5	EA	FRAME WITH GRATE, STD 840.22
302.4	M	*****MM RC PIPE CULVERTS, CLASS IV (750MM)	110	EA	FRAME WITH TWO GRATES, STD 840.22
238.8	M	*****MM RC PIPE CULVERTS, CLASS IV (900MM)	1	EA	FRAME WITH COVER, STD 840.54
2	EA	***MM PIPE END SECTION (375MM)	17	M2	100MM CONCRETE PAVED DITCH
20.4	M	450MM CS PIPE CULVERTS, 1.63MM THICK	392.43	M	STEEL BM GUARDRAIL
32.4	M	600MM CS PIPE CULVERTS, 1.63MM THICK	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
700.8	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	5	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			15,800	M	WOVEN WIRE FENCE, 1200MM FABRIC
			3,300	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
			850	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
			50	M	ADDITIONAL BARBED WIRE
			325	M	** STRAND BARBED WIRE FENCE WITH POSTS (4)
			150	M	GENERIC FENCING ITEM 4 STRAND BARBED WIRE WITH 1 STRAND ELECTRIC WIRE FENCE



475	MTN	PLAIN RIP RAP, CLASS I
2	MTN	PLAIN RIP RAP, CLASS A
4,475	MTN	PLAIN RIP RAP, CLASS B
350	MTN	BOULDERS
13,100	M2	FILTER FABRIC FOR DRAINAGE
35	M2	WORK ZONE SIGNS (STATIONARY)
18	M2	WORK ZONE SIGNS (PORTABLE)
15	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
170	EA	DRUMS
50	EA	CONES
115	M	BARRICADES (TYPE III)
300	MD	FLAGGER
13,200	M	PAINT PAVEMENT MARKING LINES (100MM)
30	M	PAINT PAVEMENT MARKING LINES (400MM)
24	M	PAINT PAVEMENT MARKING LINES (600MM)
4	EA	PAINT PAVEMENT MARKING CHARACTER
800	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
105	EA	PERMANENT RAISED PAVEMENT MARKERS
30	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (II)
20	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (II)
4	M	150MM DI WATER PIPE, PC 2.41MPA
63	M	20MM COPPER WATER PIPE, TYPE K
637.5	M	200MM PVC WATER PIPE, (C900), DR ***. ****MPA WP (14, 1.38MPA WP)
315	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
1	EA	***MM CORPORATION STOP (20MM)
2	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
2	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
1	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)
1	EA	RELOCATE EXISTING WATER METER
2	EA	RELOCATE EXISTING FIRE HYDRANT
980	M	TEMPORARY SILT FENCE
420	MTN	STONE FOR EROSION CONTROL, CLASS A
17,965	MTN	STONE FOR EROSION CONTROL, CLASS B
6,590	MTN	SEDIMENT CONTROL STONE
74	HA	TEMPORARY MULCHING
3,225	KG	SEED FOR TEMPORARY SEEDING
25,75	MTN	FERTILIZER FOR TEMPORARY SEEDING
2,165	M	TEMPORARY SLOPE DRAINS
104	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
79,700	M3	SILT EXCAVATION
7,780	M2	SYNTHETIC ROVING
3,890	M2	MATTING FOR EROSION CONTROL
1,200	M2	COIR FIBER MAT
95	M	6.4MM HARDWARE CLOTH
65	M	***MM TEMPORARY PIPE (450MM)
1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (450MM X 450MM X 450MM)
2	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
210	M3	STILLING BASINS
12	EA	SPECIAL STILLING BASINS
76.5	HA	SEEDING & MULCHING
41.5	HA	MOWING
900	KG	SEED FOR REPAIR SEEDING
3	MTN	FERTILIZER FOR REPAIR SEEDING
2,150	KG	SEED FOR SUPPLEMENTAL SEEDING
128.5	MTN	FERTILIZER TOPDRESSING
0.35	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
105	M	IMPERVIOUS DIKE
20	HR	SPECIALIZED HAND MOWING
32	EA	RESPONSE FOR EROSION CONTROL
10	EA	ROOTWADS

1,670	M3	CULVERT DIVERSION CHANNEL
5	HA	REFORESTATION
0.55	HA	STREAMBANK REFORESTATION

**CULVERT ITEMS**

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+51.500-Y9-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (132+58.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (158+95.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (18+51.500-Y9-)
758	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,320.3	M3	CLASS A CONCRETE (CULVERT)
114,610	KG	REINFORCING STEEL (CULVERT)
28	MTN	PLAIN RIP RAP, CLASS ** (I)
117.7	MTN	PLAIN RIP RAP CLASS B
28	M2	FILTER FABRIC FOR DRAINAGE

**STRUCTURE ITEMS**

22.1	M	PILE EXCAVATION IN SOIL
11	M	PILE EXCAVATION NOT IN SOIL
109.6	M	****MM DIA DRILLED PIERS IN SOIL (1524MM)
100.4	M	****MM DIA DRILLED PIERS NOT IN SOIL (1524MM)
50.1	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1524MM)
8	EA	SID INSPECTION
8	EA	SPT TESTING
6	EA	CROSSHOLE SONIC LOGGING
921.44	M	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (123+38.105-L-RIGHT LANE)
3,887	M2	REINFORCED CONCRETE DECK SLAB
3,828.6	M2	GROOVING BRIDGE FLOORS
872.4	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (123+38.105-L-LEFT LANE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (123+38.105-L-RIGHT LANE)
147,576	KG	REINFORCING STEEL (BRIDGE)
22,343	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
759,200	LS	APPROX ..... KG STRUCTURAL STEEL
435	M	HP310X79 STEEL PILES
48	EA	STEEL PILE POINTS
627,448	M	CONCRETE BARRIER RAIL
622	M2	100MM SLOPE PROTECTION
1,781	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
1,818	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 031

CONTRACT ID : C200911 34383.3.6

DIV OFFICE SHELBY

LENGTH = 9.646 KM

COUNTY : CATAWBA, LINCOLN

WIDENING, GRADING, DRAINAGE, Y-LINE PAVING & STRUCTURES.

DBE GOAL 15.0% COMPLETION DATE : APR 15 2008

NC-16 FROM SR-1386 (EGYPT RD) IN LINCOLN CO TO SR-1895 (TOW- ER RD) AT EXISTING NC-16 NORTH OF CHRONICLE IN CATAWBA CO.

ROADWAY ITEMS					
		16.8	M	1500MM RC PIPE CULVERTS, CLASS III	
		386.4	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)	
Lump Sum	LS	121.2	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)	
Lump Sum	LS	103.2	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)	
2	HA			SUPPLEMENTARY CLEARING & GRUBBING	
2	EA			SEALING ABANDONED WELLS	
1,653,300	M3			UNCLASSIFIED EXCAVATION	
Lump Sum	LS	136.8	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)	
		6	M	****MM RC PIPE CULVERTS, CLASS IV (1800MM)	
Lump Sum	LS	132	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)	
Lump Sum	LS	256.8	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)	
Lump Sum	LS	452.4	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	
Lump Sum	LS	296.4	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	
Lump Sum	LS	411.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	223.2	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	214.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	20.4	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
Lump Sum	LS	13.2	M	1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK	
Lump Sum	LS	38	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	23	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	12	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	4	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK	
12,000	M3			UNDERCUT EXCAVATION	
500	MTN			CLASS IV SUBGRADE STABILIZATION	
168,700	M3			BORROW EXCAVATION	
11,500	M3			DRAINAGE DITCH EXCAVATION	
2,550	M			BERM DITCH CONSTRUCTION	
22,000	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT	
200	M2			BREAKING OF EXISTING ASPHALT PAVEMENT	
38	HR			PROOF ROLLING	
5,000	M3			SELECT GRANULAR MATERIAL	
5,000	M2			FABRIC FOR SOIL STABILIZATION	
225	MTN			GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI	
2,900	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
118.8	M			375MM SIDE DRAIN PIPE	
22.8	M			450MM SIDE DRAIN PIPE	
1,982.4	M			375MM RC PIPE CULVERTS, CLASS III	
1,179.6	M			450MM RC PIPE CULVERTS, CLASS III	
817.2	M			600MM RC PIPE CULVERTS, CLASS III	
1,374	M			750MM RC PIPE CULVERTS, CLASS III	
302.4	M			900MM RC PIPE CULVERTS, CLASS III	
256.8	M			1050MM RC PIPE CULVERTS, CLASS III	
26.4	M			1200MM RC PIPE CULVERTS, CLASS III	
		270.4	M	PIPE REMOVAL	
		Lump Sum	LS	FINE GRADING	
		150	MTN	STABILIZER AGGREGATE	
		11,750	MTN	AGGREGATE BASE COURSE	
		200	MTN	INCIDENTAL STONE BASE	
		200	M2	INCIDENTAL MILLING	
		2,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
		2,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	
		3,200	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
		2,400	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
		2,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
		513	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
		165	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
		250	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	
		414	M3	SUBDRAIN EXCAVATION	
		207	M3	SUBDRAIN FINE AGGREGATE	

500	M	150MM PERFORATED SUBDRAIN PIPE	148	M	PAINT PAVEMENT MARKING LINES (200MM)
51	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	990	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	216	EA	PERMANENT RAISED PAVEMENT MARKERS
8	M	150MM OUTLET PIPE (SUBDRAINS)	30	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
27	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	30	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
66	M3	ENDWALLS	31.8	MTN	PAVEMENT REPAIR FOR UTILITY WORK
19	M3	REINFORCED ENDWALLS	6	M	150MM DI WATER PIPE, PC 2.41MPA
1	M3	PIPE COLLARS	20	M	20MM COPPER WATER PIPE, TYPE K
164	EA	MASONRY DRAINAGE STRUCTURES	868	M	300MM PVC WATER PIPE, SDR 21, 1.38MPA WP
14	M3	MASONRY DRAINAGE STRUCTURES	1,034	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
28,805	M	MASONRY DRAINAGE STRUCTURES	3	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
2	EA	FRAME WITH GRATE, STD 840.22	2	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (2.41 MPA)
106	EA	FRAME WITH TWO GRATES, STD 840.22	4	EA	RELOCATE EXISTING WATER METER
26	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	RELOCATE EXISTING FIRE HYDRANT
3	EA	FRAME WITH COVER, STD 840.54	620	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (150MM, 1.38 MPA)
500	M	SHOULDER BERM GUTTER	90	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (150MM, PC 2.41MPA)
1	EA	CONCRETE FLUME	2,505	M	TEMPORARY SILT FENCE
170	M2	100MM CONCRETE PAVED DITCH	1,140	MTN	STONE FOR EROSION CONTROL, CLASS A
840,105	M	STEEL BM GUARDRAIL	17,745	MTN	STONE FOR EROSION CONTROL, CLASS B
57.15	M	STEEL BM GUARDRAIL, SHOP CURVED	10,305	MTN	SEDIMENT CONTROL STONE
10	EA	ADDITIONAL GUARDRAIL POSTS	103	HA	TEMPORARY MULCHING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	4,150	KG	SEED FOR TEMPORARY SEEDING
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III	33.5	MTN	FERTILIZER FOR TEMPORARY SEEDING
15	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1,400	M	TEMPORARY SLOPE DRAINS
18,390	M	WOVEN WIRE FENCE, 1200MM FABRIC	80	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
3,560	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	233,715	M3	SILT EXCAVATION
1,120	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	27,865	M2	MATTING FOR EROSION CONTROL
85	M	CHAIN LINK FENCE, ****MM FABRIC (1800MM)	410	M	6.4MM HARDWARE CLOTH
100	M	CHAIN LINK FENCE, 1200MM FABRIC	25	M	***MM TEMPORARY PIPE (450MM)
23	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (450MM X 450MM X 450MM)
27	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
5	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1800MM)	100	M3	STILLING BASINS
3	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	58	EA	SPECIAL STILLING BASINS
100	M	ADDITIONAL BARBED WIRE	99	HA	SEEDING & MULCHING
495	M	** STRAND BARBED WIRE FENCE WITH POSTS (4)	58.5	HA	MOWING
1	EA	SINGLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (1.2M HIGH, 3.0M WIDE, 3.0M OPENING)	1,275	KG	SEED FOR REPAIR SEEDING
445	M	BARBED WIRE FENCE RESET	4.25	MTN	FERTILIZER FOR REPAIR SEEDING
1,310	MTN	PLAIN RIP RAP, CLASS I	2,775	KG	SEED FOR SUPPLEMENTAL SEEDING
975	MTN	PLAIN RIP RAP, CLASS II	165.75	MTN	FERTILIZER TOPDRESSING
3,100	MTN	PLAIN RIP RAP, CLASS B	1	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
75	MTN	BOULDERS	60	M	IMPERVIOUS DIKE
11,315	M2	FILTER FABRIC FOR DRAINAGE	50	HR	SPECIALIZED HAND MOWING
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	28	EA	RESPONSE FOR EROSION CONTROL
135	M2	WORK ZONE SIGNS (STATIONARY)	6	EA	ROOTWADS
48	M2	WORK ZONE SIGNS (PORTABLE)	490	M3	CULVERT DIVERSION CHANNEL
36	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	9	HA	REFORESTATION
2	EA	CHANGEABLE MESSAGE SIGNS	0.12	HA	STREAMBANK REFORESTATION
6	EA	WARNING FLAG SETS			
274	EA	DRUMS			
105	EA	CONES			
122	M	BARRICADES (TYPE III)			
490	MD	FLAGGER			
45	M	WATER FILLED BARRIER			
1,760	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (183+18.000 -L-)
2,632	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (20+12.647 -Y14-)
74	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	313	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
32,644	M	PAINT PAVEMENT MARKING LINES (100MM)	547.4	M3	CLASS A CONCRETE (CULVERT)
			47,557	KG	REINFORCING STEEL (CULVERT)
			12	MTN	PLAIN RIP RAP, CLASS ** (I)

**CULVERT ITEMS**

13 M2 FILTER FABRIC FOR DRAINAGE

**STRUCTURE ITEMS**

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 195+74.885 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 216+60.508 -L-)
69.4	M	*****MM DIA DRILLED PIERS IN SOIL (1372MM)
60.7	M	1220MM DIA DRILLED PIERS IN SOIL
43.3	M	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)
60.5	M	1220MM DIA DRILLED PIERS NOT IN SOIL
14.1	M	PERMANENT STEEL CASING FOR *****MM DRILLED PIER (1372MM)
68.7	M	PERMANENT STEEL CASING FOR 1220MM DRILLED PIER
6	EA	CROSSHOLE SONIC LOGGING
1,019.6	M	CSL TUBES
7,256.1	M2	REINFORCED CONCRETE DECK SLAB
7,796.6	M2	GROOVING BRIDGE FLOORS
1,059.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (195+74.885 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (199+48.000 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (199+48.000 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (216+60.508 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (223+03.850 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (223+03.850 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (237+97.199 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (237+97.199 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (245+91.502 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (245+91.502 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)
153,785	KG	REINFORCING STEEL (BRIDGE)
21,379	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
794.08	M	1143MM PRESTRESSED CONCRETE GIRDERS
766.4	M	1372MM PRESTRESSED CONCRETE GIRDERS
250.2	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
347,344	LS	APPROX ..... KG STRUCTURAL STEEL
2,964.2	M	HP310X79 STEEL PILES
396	M	HP360X108 STEEL PILES
12	EA	STEEL PILE POINTS
1,257.529	M	CONCRETE BARRIER RAIL
3,779.1	M2	100MM SLOPE PROTECTION
5,943	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
6,064	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

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

L041116 032

CONTRACT ID : C201309 34383.3.4

DIV OFFICE SHELBY

LENGTH = 17.434 KM

COUNTY : LINCOLN, CATAWBA

WIDENING, GRADING, DRAINAGE, Y-LINE PAVING &amp; STRUCTURES.

DBE GOAL 15.0% COMPLETION DATE : APR 15 2008

NC-16 FROM N OF NC-73 IN LINCOLN TO SR-1895 (TOWER RD) AT EXISTING NC-16 NORTH OF CHRONICLE IN CATAWBA CO.

ROADWAY ITEMS					
			183.6	M	****MM RC PIPE CULVERTS, CLASS *** (1350MM, V)
Lump Sum	LS	MOBILIZATION	111.6	M	****MM RC PIPE CULVERTS, CLASS *** (1650MM, V)
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	FIELD OFFICE	153.6	M	****MM RC PIPE CULVERTS, CLASS *** (750MM, V)
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)			
4	HA	SUPPLEMENTARY CLEARING & GRUBBING	3,625	M	375MM RC PIPE CULVERTS, CLASS III
11	EA	SEALING ABANDONED WELLS	1,765.2	M	450MM RC PIPE CULVERTS, CLASS III
3,303,800	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+68.547-Y13-)	903.6	M	600MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+34.851-Y11-)	1,482	M	750MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (123+52.783)	302.4	M	900MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (123+79.487)	256.8	M	1050MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (199+48.000-L- LT)	26.4	M	1200MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (223+03.850-L- LT)	16.8	M	1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (237+97.199-L- LT)	826.8	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (245+91.502-L- LT)	242.4	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (256+91.000-L- LT)	103.2	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (256+91.000-L- RT)	136.8	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (237+97.199-L- LT)	6	M	****MM RC PIPE CULVERTS, CLASS IV (1800MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (237+97.199-L- RT)	198	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (245+91.502-L- LT)	435.6	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (245+91.502-L- RT)	754.8	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (256+91.000-L- LT)	535.2	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (256+91.000-L- RT)	2	EA	****MM PIPE END SECTION (375MM)
29,000	M3	UNDERCUT EXCAVATION	20.4	M	450MM CS PIPE CULVERTS, 1.63MM THICK
500	MTN	CLASS IV SUBGRADE STABILIZATION	32.4	M	600MM CS PIPE CULVERTS, 1.63MM THICK
487,200	M3	BORROW EXCAVATION	1,112.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
42,600	M3	DRAINAGE DITCH EXCAVATION			
2,690	M	BERM DITCH CONSTRUCTION	343.2	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
25,200	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	247.2	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
1,300	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	43.2	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
68	HR	PROOF ROLLING	49.2	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
20,000	M3	SELECT GRANULAR MATERIAL			
19,100	M2	FABRIC FOR SOIL STABILIZATION	13.2	M	1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
225	MTN	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI			
4,600	MTN	SELECT MATERIAL, CLASS II	78	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
4,700	MTN	SELECT MATERIAL, CLASS III			
26,500	MTN	SELECT MATERIAL, CLASS IV	35	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
4,565	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	12	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
150	M	375MM SIDE DRAIN PIPE	6	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
22.8	M	450MM SIDE DRAIN PIPE			
124.8	M	****MM RC PIPE CULVERTS, CLASS *** (1050MM , V)	96	M	GENERIC PIPE ITEM 150MM PVC PIPE, SDR 80 (SPRING BOX)

	27	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
	5	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
	3	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE
	150	M	ADDITIONAL BARBED WIRE
	820	M	** STRAND BARBED WIRE FENCE WITH POSTS (4)
	1	EA	SINGLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING (1.2M HIGH, 3.0M WIDE, 3.0M OPENING)
	445	M	BARBED WIRE FENCE RESET
	150	M	GENERIC FENCING ITEM
	1,785	MTN	4 STRAND BARBED WIRE WITH 1 STRAND ELECTRIC WIRE FENCE
	975	MTN	PLAIN RIP RAP, CLASS I
	2	MTN	PLAIN RIP RAP, CLASS II
	7,575	MTN	PLAIN RIP RAP, CLASS A
	425	MTN	PLAIN RIP RAP, CLASS B
	24,415	M2	BOULDERS
	2	EA	FILTER FABRIC FOR DRAINAGE
	170	M2	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	66	M2	WORK ZONE SIGNS (STATIONARY)
	51	M2	WORK ZONE SIGNS (PORTABLE)
	2	EA	WORK ZONE SIGNS (BARRICADE MOUNTED)
	6	EA	CHANGEABLE MESSAGE SIGNS
	444	EA	WARNING FLAG SETS
	155	EA	DRUMS
	237	M	CONES
	790	MD	BARRICADES (TYPE III)
	45	M	FLAGGER
	1,760	M	WATER FILLED BARRIER
	2,632	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
	74	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
	45,844	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
	148	M	PAINT PAVEMENT MARKING LINES (100MM)
	30	M	PAINT PAVEMENT MARKING LINES (200MM)
	24	M	PAINT PAVEMENT MARKING LINES (400MM)
	4	EA	PAINT PAVEMENT MARKING LINES (600MM)
	1,790	M	PAINT PAVEMENT MARKING CHARACTER
	321	EA	REMOVAL OF PAVEMENT MARKING LINES (100MM)
	30	MTN	PERMANENT RAISED PAVEMENT MARKERS
	30	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (II)
	30	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
	20	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (II)
	30	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
	31.8	MTN	PAVEMENT REPAIR FOR UTILITY WORK
	10	M	150MM DI WATER PIPE, PC 2.41MPA
	83	M	20MM COPPER WATER PIPE, TYPE K
	868	M	300MM PVC WATER PIPE, SDR 21, 1.38MPA WP
	637.5	M	200MM PVC WATER PIPE, (C900), DR ***, ****MPA WP (14, 1.38MPA WP)
	1,349	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
	1	EA	***MM CORPORATION STOP (20MM)
	5	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
	2	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
	2	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (2.41 MPA)
	1	EA	*** X ****MM TAPPING SADDLE (200MM X 20MM)
	5	EA	RELOCATE EXISTING WATER METER
	4	EA	RELOCATE EXISTING FIRE HYDRANT
	1	EA	GENERIC PIPE ITEM
	1	EA	1050MM X 1830MM RC PIPE TAPERED INLET, CLASS IV
	1	EA	GENERIC PIPE ITEM
	1	EA	1200MM X 1830MM RC PIPE TAPERED INLET, CLASS IV
	1	EA	GENERIC PIPE ITEM
	1	EA	2250MM X 1650MM RC PIPE TAPERED INLET, CLASS IV
496.4	M		PIPE REMOVAL
1	EA		PIPE CLEAN-OUT
Lump Sum	LS		FINE GRADING
150	MTN		STABILIZER AGGREGATE
28,750	MTN		AGGREGATE BASE COURSE
300	MTN		INCIDENTAL STONE BASE
7,200	L		PRIME COAT
200	M2		INCIDENTAL MILLING
3,800	MTN		ASPHALT CONC BASE COURSE, TYPE B25.0B
4,500	MTN		ASPHALT CONC BASE COURSE, TYPE B25.0C
3,500	MTN		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
5,100	MTN		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
4,250	MTN		ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,500	MTN		ASPHALT CONC SURFACE COURSE, TYPE S9.5C
800	MTN		ASPHALT CONC SURFACE COURSE, TYPE S12.5C
1,038	MTN		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
210	MTN		ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
300	MTN		ASPHALT PLANT MIX PAVEMENT REPAIR
864	M3		SUBDRAIN EXCAVATION
427	M3		SUBDRAIN FINE AGGREGATE
1,000	M		150MM PERFORATED SUBDRAIN PIPE
101	EA		150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
8	EA		CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
16	M		150MM OUTLET PIPE (SUBDRAINS)
27	EA		TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
97	M3		ENDWALLS
28	M3		REINFORCED ENDWALLS
1	M3		PIPE COLLARS
280	EA		MASONRY DRAINAGE STRUCTURES
18	M3		MASONRY DRAINAGE STRUCTURES
54,805	M		MASONRY DRAINAGE STRUCTURES
7	EA		FRAME WITH GRATE, STD 840.22
216	EA		FRAME WITH TWO GRATES, STD 840.22
26	EA		FRAME WITH TWO GRATES, STD 840.29
4	EA		FRAME WITH COVER, STD 840.54
500	M		SHOULDER BERM GUTTER
1	EA		CONCRETE FLUME
187	M2		100MM CONCRETE PAVED DITCH
1,232.535	M		STEEL BM GUARDRAIL
57.15	M		STEEL BM GUARDRAIL, SHOP CURVED
2	EA		STEEL BM GUARDRAIL TERMINAL SECTIONS
15	EA		ADDITIONAL GUARDRAIL POSTS
1	EA		GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	EA		GUARDRAIL ANCHOR UNITS, TYPE CAT-1
8	EA		GUARDRAIL ANCHOR UNITS, TYPE III
20	EA		GUARDRAIL ANCHOR UNITS, TYPE 350
34,190	M		WOVEN WIRE FENCE, 1200MM FABRIC
6,860	EA		100MM TIMBER FENCE POSTS, 2.30M LONG
1,970	EA		125MM TIMBER FENCE POSTS, 2.50M LONG
85	M		CHAIN LINK FENCE, ****MM FABRIC (1800MM)
100	M		CHAIN LINK FENCE, 1200MM FABRIC
23	EA		METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)

			69.4	M	****MM DIA DRILLED PIERS IN SOIL (1372MM)		
620	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (150MM, 1.38 MPA)	109.6	M	****MM DIA DRILLED PIERS IN SOIL (1524MM)		
90	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (150MM, PC 2.41MPA)	60.7	M	1220MM DIA DRILLED PIERS IN SOIL		
3,485	M	TEMPORARY SILT FENCE	43.3	M	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)		
1,560	MTN	STONE FOR EROSION CONTROL, CLASS A	100.4	M	****MM DIA DRILLED PIERS NOT IN SOIL (1524MM)		
35,710	MTN	STONE FOR EROSION CONTROL, CLASS B	60.5	M	1220MM DIA DRILLED PIERS NOT IN SOIL		
16,895	MTN	SEDIMENT CONTROL STONE	14.1	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1372MM)		
177	HA	TEMPORARY MULCHING	50.1	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1524MM)		
7,375	KG	SEED FOR TEMPORARY SEEDING	68.7	M	PERMANENT STEEL CASING FOR 1220MM DRILLED PIER		
59.25	MTN	FERTILIZER FOR TEMPORARY SEEDING	8	EA	SID INSPECTION		
3,565	M	TEMPORARY SLOPE DRAINS	8	EA	SPT TESTING		
184	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	12	EA	CROSSHOLE SONIC LOGGING		
313,415	M3	SILT EXCAVATION	1,941.04	M	CSL TUBES		
7,780	M2	SYNTHETIC ROVING	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (123+38.105-L-RIGHT LANE)		
31,755	M2	MATTING FOR EROSION CONTROL	11,143.1	M2	REINFORCED CONCRETE DECK SLAB		
1,200	M2	COIR FIBER MAT	11,625.2	M2	GROOVING BRIDGE FLOORS		
505	M	6.4MM HARDWARE CLOTH	1,931.5	M3	CLASS A CONCRETE (BRIDGE)		
90	M	***MM TEMPORARY PIPE (450MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (123+38.105-L-LEFT LANE)		
2	EA	***X***X****MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (450MM X 450MM X 450MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (123+38.105-L-RIGHT LANE)		
3	EA	***X***X****MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (195+74.885 -L-)		
310	M3	STILLING BASINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (199+48.000 -L-LT)		
70	EA	SPECIAL STILLING BASINS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (216+60.508 -L-)		
175.5	HA	SEEDING & MULCHING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (223+03.850 -L-LT)		
100	HA	MOWING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (223+03.850 -L-RT)		
2,175	KG	SEED FOR REPAIR SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (237+97.199 -L-LT)		
7.25	MTN	FERTILIZER FOR REPAIR SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (237+97.199 -L-RT)		
4,925	KG	SEED FOR SUPPLEMENTAL SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (245+91.502 -L-LT)		
294.25	MTN	FERTILIZER TOPDRESSING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (245+91.502 -L-RT)		
1.35	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-LT)		
165	M	IMPERVIOUS DIKE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
70	HR	SPECIALIZED HAND MOWING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
60	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
16	EA	ROOTWADS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
2,160	M3	CULVERT DIVERSION CHANNEL	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
14	HA	REFORESTATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
0.67	HA	STREAMBANK REFORESTATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
<b>CULVERT ITEMS</b>							
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+51.500-Y9-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (237+97.199 -L-LT)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (132+58.000-L-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (237+97.199 -L-RT)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (158+95.000-L-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (245+91.502 -L-LT)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (18+51.500-Y9-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (245+91.502 -L-RT)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (183+18.000 -L-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-LT)		
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (20+12.647 -Y14-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (256+91.000 -L-RT)		
1,071	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	301,361	KG	REINFORCING STEEL (BRIDGE)		
1,867.7	M3	CLASS A CONCRETE (CULVERT)	43,722	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)		
162,167	KG	REINFORCING STEEL (CULVERT)	794.08	M	1143MM PRESTRESSED CONCRETE GIRDERS		
40	MTN	PLAIN RIP RAP, CLASS ** (I)	766.4	M	1372MM PRESTRESSED CONCRETE GIRDERS		
117.7	MTN	PLAIN RIP RAP CLASS B	250.2	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS		
41	M2	FILTER FABRIC FOR DRAINAGE	1,106,544	LS	APPROX ..... KG STRUCTURAL STEEL		
<b>STRUCTURE ITEMS</b>							
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 195+74.885 -L-)	3,399.2	M	HP310X79 STEEL PILES		
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 216+60.508 -L-)	396	M	HP360X108 STEEL PILES		
22.1	M	PILE EXCAVATION IN SOIL	60	EA	STEEL PILE POINTS		
11	M	PILE EXCAVATION NOT IN SOIL	1,884.977	M	CONCRETE BARRIER RAIL		
			4,401.1	M2	100MM SLOPE PROTECTION		
			7,724	MTN	PLAIN RIP RAP CLASS II (600MM THICK)		
			7,882	M2	FILTER FABRIC FOR DRAINAGE		
			Lump Sum	LS	POT BEARINGS		
			Lump Sum	LS	ELASTOMERIC BEARINGS		

Lump Sum LS EVAZOTE JOINT SEALS



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

L041116 033

CONTRACT ID : C201067 34799.3.1

DIV OFFICE SHELBY

LENGTH = 4.642 KM

COUNTY : GASTON

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

DBE GOAL 13.0% COMPLETION DATE : AUG 01 2007

NC-274 FROM NC-275 TO US-29/74 IN GASTONIA.

ROADWAY ITEMS					
			23,000	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			2,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			17,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			2,392	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			1,032	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			525	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			21	M3	REINFORCED ENDWALLS
			1.5	M3	PIPE COLLARS
			1	M3	PIPE PLUGS
			37	M3	FLOWABLE FILL
			190	EA	MASONRY DRAINAGE STRUCTURES
			13	M3	MASONRY DRAINAGE STRUCTURES
			20	M	MASONRY DRAINAGE STRUCTURES
			26	EA	FRAME WITH TWO GRATES, STD 840.16
			6	EA	FRAME WITH TWO GRATES, STD 840.24
			22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			56	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			61	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			7	EA	FRAME WITH COVER, STD 840.54
			2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
			135	M	*** X ***MM CONCRETE CURB (200MM X 300MM)
			9,000	M	750MM CONCRETE CURB & GUTTER
			10,700	M2	100MM CONCRETE SIDEWALK
			1,040	M2	CONCRETE WHEELCHAIR RAMPS
			1,650	M2	150MM CONCRETE DRIVEWAY
			205	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			50	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1,143	M	STEEL BM GUARDRAIL
			137.16	M	STEEL BM GUARDRAIL, SHOP CURVED
			2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			10	EA	ADDITIONAL GUARDRAIL POSTS
			6	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			17	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			5	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			12	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			490	M	REMOVE EXISTING GUARDRAIL
			230	M	CHAIN LINK FENCE RESET
			38	M	GENERIC FENCING ITEM 750MM RAIL FENCE RESET
			120	MTN	PLAIN RIP RAP, CLASS I
			40	MTN	PLAIN RIP RAP, CLASS B
			1,200	M2	FILTER FABRIC FOR DRAINAGE
			959	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
			11	EA	SIGN ERECTION, TYPE D
			129	EA	SIGN ERECTION, TYPE E
			35	EA	SIGN ERECTION, TYPE F
			2	EA	RELOCATE SIGN, TYPE ***** (D)
			125	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			137	M2	WORK ZONE SIGNS (STATIONARY)
			42	M2	WORK ZONE SIGNS (PORTABLE)
			6	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM DESIGN & CONSTRUCT WIDENING OF BRIDGE ON NC-274 OVER NORFOLK SOUTHERN RAILROAD			
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)			
	0.4	HA			SUPPLEMENTARY CLEARING & GRUBBING
	12,000	M3			UNCLASSIFIED EXCAVATION
	6,000	M3			UNDERCUT EXCAVATION
	500	MTN			CLASS IV SUBGRADE STABILIZATION
	74,500	M3			BORROW EXCAVATION
	970	M3			DRAINAGE DITCH EXCAVATION
	160	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT
	5,100	M2			REMOVAL OF EXISTING CONCRETE PAVEMENT
	7,000	M3			SELECT GRANULAR MATERIAL
	7,000	M2			FABRIC FOR SOIL STABILIZATION
	410	M2			TEMPORARY SHORING - BARRIER SUPPORTED
	500	MTN			SELECT MATERIAL, CLASS IV
	1,650	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	45.6	M			375MM SIDE DRAIN PIPE
	3,334.8	M			375MM RC PIPE CULVERTS, CLASS III
	651.6	M			450MM RC PIPE CULVERTS, CLASS III
	823.2	M			600MM RC PIPE CULVERTS, CLASS III
	259.2	M			750MM RC PIPE CULVERTS, CLASS III
	8.4	M			900MM RC PIPE CULVERTS, CLASS III
	86.4	M			1800MM RC PIPE CULVERTS, CLASS III
	33.6	M			400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	10.8	M			600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	36	M			800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
	4	EA			400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
	2	EA			600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
	54	M			*****MM WELDED STEEL PIPE, *****MM THICK, GRADE B, INSTALLED BY BORING & JACKING (1650MM, 4.27MM)
	1,430	M			PIPE REMOVAL
Lump Sum	LS	FINE GRADING			
	1,000	KG			SEALING EXISTING PAVEMENT CRACKS
	500	MTN			STABILIZER AGGREGATE
	900	MTN			AGGREGATE BASE COURSE
	200	MTN			INCIDENTAL STONE BASE
	1,550	M2			MILLING ASPHALT PAVEMENT, **MM DEPTH (38MM)
	2,000	M2			MILLING ASPHALT PAVEMENT, **MM DEPTH (55MM)
	355	M2			INCIDENTAL MILLING
	2,500	MTN			ASPHALT CONC BASE COURSE, TYPE B25.0B
	23,000	MTN			ASPHALT CONC BASE COURSE, TYPE B25.0C
	2,000	MTN			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B

			507	M	200MM DI WATER PIPE, CLASS ***** WP (CLASS 51, 2.41MPA WP)
2	EA	FLASHING ARROW PANELS, TYPE C	85	M	300MM DI WATER PIPE, CLASS ***** WP (CLASS 51, 2.41MPA WP)
2	EA	WARNING FLAG SETS	995	M	20MM COPPER WATER PIPE, TYPE K
900	EA	DRUMS	127	M	25MM COPPER WATER PIPE, TYPE K
100	EA	CONES	64	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP
325	M	BARRICADES (TYPE III)	9,382	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
4,000	HR	FLAGGER	72	EA	20MM CORPORATION STOP
2	EA	TEMPORARY CRASH CUSHIONS	7	EA	25MM CORPORATION STOP
818	M	PORTABLE CONCRETE BARRIER	4	EA	50MM CORPORATION STOP
17	EA	TUBULAR MARKERS (FIXED)	1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (50MM, 1.38MPA WP)
1,366	EA	TEMPORARY RAISED PAVEMENT MARKERS	22	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
39,521	M	PAINT PAVEMENT MARKING LINES (100MM)	6	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
558	M	PAINT PAVEMENT MARKING LINES (200MM)	1	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)
1,040	M	PAINT PAVEMENT MARKING LINES (600MM)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 150MM, 1.38MPA WP)
16	EA	PAINT PAVEMENT MARKING CHARAC- TER	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA WP)
238	EA	PAINT PAVEMENT MARKING SYMBOL	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA WP)
23,364	M	POLYUREA PAVEMENT MARKING LINES (100MM)	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (400MM X 150MM, 1.38MPA WP)
380	M	POLYUREA PAVEMENT MARKING LINES (200MM)	5	EA	*** X ***MM TAPPING SADDLE (150MM X 20MM)
60	M	POLYUREA PAVEMENT MARKING LINES (400MM)	1	EA	*** X ***MM TAPPING SADDLE (150MM X 50MM)
2,210	M	POLYUREA PAVEMENT MARKING LINES (600MM)	49	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)
4	EA	POLYUREA PAVEMENT MARKING CHARACTER	1	EA	*** X ***MM TAPPING SADDLE (200MM X 25MM)
169	EA	POLYUREA PAVEMENT MARKING SYMBOL	2	EA	*** X ***MM TAPPING SADDLE (200MM X 50MM)
2,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	10	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)
915	EA	SNOWPLOWABLE PAVEMENT MARKERS	6	EA	*** X ***MM TAPPING SADDLE (300MM X 25MM)
5	EA	2.1M U-CHANNEL POSTS	2	EA	*** X ***MM TAPPING SADDLE (300MM X 50MM)
5	EA	OBJECT MARKERS (END OF ROAD)	8	EA	*** X ***MM TAPPING SADDLE (400MM X 20MM)
3	EA	30.5M HIGH MOUNT STANDARD	1	EA	200MM TRANSITION COUPLING, ***** (DI TO AC)
1	EA	PORTABLE DRIVE UNIT	1	EA	400MM TRANSITION COUPLING, ***** (DI TO AC)
10.5	M3	HIGH MOUNT FOUNDATIONS	84	EA	RELOCATE EXISTING WATER METER
1	EA	ELECTRIC SERVICE POLES *** ***** (9.1M CLASS 4)	4	EA	RELOCATE EXISTING ***MM WATER METER & METER VAULT (50MM)
30.5	M	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE IN TS2 C)	3	EA	REMOVE EXISTING WATER METER
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)	1	EA	FIRE HYDRANT, ****MPA WP (1.03 MPA WP)
42	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2)	23	EA	RELOCATE EXISTING FIRE HYDRANT
83	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2)	272	M	***MM PVC SEWER PIPE, SDR ** (100MM, SDR 21)
20	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS3)	55	M	***MM PVC SEWER PIPE, SDR ** (150MM, SDR 21)
83	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS4)	12	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (150MM, C900, DR 18, 1.03MPA W P)
257	M	***#8 W/G FEEDER CIRCUIT (2)	355	M	***MM DI SEWER PIPE, CLASS *** (200MM, CLASS 51)
378	M	***#4 W/G FEEDER CIRCUIT (2)	36	M	***MM DI SEWER PIPE, CLASS *** (500MM, CLASS 51)
131	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	136	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
191	M	***#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	46	EA	SANITARY SEWER CLEAN-OUT
7	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	8	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
18	EA	GENERIC LIGHTING ITEM HIGH MOUNT LUMINAIRES, 750W HPS, MCV, WITH GLARE SHIELDS	1	EA	1500MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
262	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)	7.5	M	PRECAST CONC MANHOLE WALL, ***MM DIA, OVER 1.8M HT (1200MM)
262	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	6.2	M	PRECAST CONC MANHOLE WALL, ***MM DIA, OVER 1.8M HT (1500MM)
89	MTN	PAVEMENT REPAIR FOR UTILITY WORK	0.81	M	SEWER MANHOLE OUTSIDE DROP AS- SEMBLY
188	M	***MM DI WATER PIPE, CLASS ***** WP (400MM, CLASS 51 2.41MPA WP)			
323	M	150MM DI WATER PIPE, CLASS ***** WP (CLASS 51, 2.41MPA WP)			

				4	EA	25MM RISER WITH WEATHERHEAD
			28	EA	50MM RISER WITH WEATHERHEAD	
			19	EA	50MM RISER WITH HEAT SHRINK TUBING	
368	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM CI WATER PIPE)	4,765	M	INDUCTIVE LOOP SAWCUT	
			10,250	M	LEAD-IN CABLE	
80	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, AC WATER PIPE)	1	EA	MICROWAVE VEHICLE DETECTOR	
			2,200	M	COMMUNICATIONS CABLE (**FIBER) (12)	
304	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, TCP SEWER PIPE)	3,500	M	COMMUNICATIONS CABLE (**FIBER) (24)	
			9	EA	INTERCONNECT CENTER	
69	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (CI WATER PIPE)	19	EA	DELINEATOR MARKER	
			1	EA	FURNISH FIBER-OPTIC RESTORATION KIT	
150	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (AC WATER PIPE)	1	EA	FURNISH FIBER-OPTIC POWER METER	
			1	EA	FURNISH OPTICAL LIGHT GENERATOR	
18	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (CI WATER PIPE)	1	EA	FURNISH FIBER-OPTIC TRANSCEIVER	
			1	EA	FIBER-OPTIC SPLICE CABINET (BASE MOUNTED)	
14	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER PIPE)	1	EA	FIBER-OPTIC SPLICE CABINET (BASE MOUNTED)	
			19	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE	
1	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE	5	EA	DOUBLE MAST ARM WITH METAL POLE	
15	EA	BREAK DOWN & REBUILD EXISTING MANHOLE	24	EA	SOIL TEST	
6	EA	GENERIC UTILITY ITEM 200MM TRANSITION COUPLING, DI TO TC	110	M	DRILLED PIER FOUNDATION (***MM DIA) (1220MM)	
30	EA	GENERIC UTILITY ITEM CUT IN SANITARY SEWER CLEAN OUT	2	EA	SIGNAL PEDESTAL WITH FOUNDATION	
			24	EA	MAST ARM WITH METAL POLE DESIGN	
1	EA	GENERIC UTILITY ITEM RELOCATE EXISTING 150MM DRAIN VALVE	21	EA	SIGN FOR SIGNALS	
			12	EA	LED BLANKOUT SIGN	
10	EA	GENERIC UTILITY ITEM RELOCATE EXISTING SANITARY SEWER CLEAN OUT	9	EA	SIGNAL CABINET FOUNDATION	
			8	EA	CABINET BASE ADAPTER	
Lump Sum	LS	GENERIC UTILITY ITEM WGP-TRANSCO / REMOVAL OF PIPELINE CASINGS	8	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			82	EA	DETECTOR CARD (TYPE 2070L)	
3,095	M	TEMPORARY SILT FENCE	8	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER, SELF HEALING RING	
740	MTN	STONE FOR EROSION CONTROL, CLASS A	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (51+20 -L-)	
3,915	MTN	STONE FOR EROSION CONTROL, CLASS B	Lump Sum	LS	MSE RETAINING WALL, STA ***** (51+83 -L-)	
2,875	MTN	SEDIMENT CONTROL STONE				
5	HA	TEMPORARY MULCHING				
300	KG	SEED FOR TEMPORARY SEEDING				
2.5	MTN	FERTILIZER FOR TEMPORARY SEEDING				
250	M	TEMPORARY SLOPE DRAINS				
12	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
360	M	SAFETY FENCE				
11,255	M3	SILT EXCAVATION				
11,115	M2	MATting FOR EROSION CONTROL				
1,485	M	6.4MM HARDWARE CLOTH				
7	HA	SEEDING & MULCHING				
3	HA	MOWING				
75	KG	SEED FOR REPAIR SEEDING				
0.25	MTN	FERTILIZER FOR REPAIR SEEDING				
200	KG	SEED FOR SUPPLEMENTAL SEEDING				
11.25	MTN	FERTILIZER TOPDRESSING				
0.2	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)				
10	HR	SPECIALIZED HAND MOWING				
16	EA	RESPONSE FOR EROSION CONTROL				
12	EA	PEDESTRIAN SIGNAL HEAD (300MM, 1 SECTION)				
5,605	M	SIGNAL CABLE				
91	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)				
7	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)				
32	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)				
3,900	M	MESSSENGER CABLE (6.35MM)				
965	M	MESSSENGER CABLE (9.52MM)				
500	M	TRACER WIRE				
210	M	TRENCHING (PAVED)				
2,060	M	TRENCHING (UNPAVED)				
170	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT) (50MM, 1)				
710	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT) (50MM, 2)				
62	EA	JUNCTION BOX (STANDARD SIZE)				
28	EA	JUNCTION BOX (OVER-SIZED)				
25	EA	WOOD POLE				
87	EA	GUY ASSEMBLY				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L041116 034

CONTRACT ID : C201073 33212.3.1

DIV OFFICE SYLVA

LENGTH = 0.119 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2006

BRIDGES #47 & #48 OVER TROUT CREEK AND APPROACHES ON SR-1131 (TROUT CREEK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+52.50)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+60.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
250	CY	UNDERCUT EXCAVATION
1,000	TON	CLASS IV SUBGRADE STABILIZATION
15	CY	DRAINAGE DITCH EXCAVATION
700	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
13	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
60	LF	15" SIDE DRAIN PIPE
60	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
480	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
335	GAL	PRIME COAT
145	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
10	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
115	CY	SUBDRAIN EXCAVATION
85	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.16
12	LF	SHOULDER BERM GUTTER
1	EA	MODIFIED CONCRETE FLUME
100	LF	STEEL BM GUARDRAIL
25	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
225	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
52	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
15	EA	CONES
20	LF	BARRICADES (TYPE III)
240	HR	FLAGGER
120	LF	PORTABLE CONCRETE BARRIER
60	LF	RESET PORTABLE CONCRETE BARRIER
450	LF	TEMPORARY SILT FENCE
125	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING

0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
25	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	CY	SILT EXCAVATION
750	SY	MATTING FOR EROSION CONTROL
20	LF	1/4" HARDWARE CLOTH
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
0.15	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+52.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+60.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+52.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+60.00 -L-)
54.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+52.50 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+60.00 -L-)
7,691	LB	REINFORCING STEEL (BRIDGE)
1,540	LF	HP12X53 STEEL PILES
28	EA	STEEL PILE POINTS
238.3	LF	CONCRETE BARRIER RAIL
530	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
587	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,072.36	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

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

L041116 035

CONTRACT ID : C201306 33093.3.1

DIV OFFICE SYLVA

LENGTH = 0.095 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING &amp; CULVERT.

DBE GOAL 8.0% COMPLETION DATE : OCT 15 2005

CULVERT ON WASH CREEK AND APPROACHES ON SR-1127 (KANUGA RD) IN HENDERSONVILLE.

		ROADWAY ITEMS			
			61	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (24")
			68	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	MOBILIZATION	1,190	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	GRADING	36	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
100	CY	UNDERCUT EXCAVATION	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
62	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	5,207	LF	PAINT PAVEMENT MARKING LINES (4")
240	LF	15" RC PIPE CULVERTS, CLASS III	72	LF	PAINT PAVEMENT MARKING LINES (24")
4	LF	18" RC PIPE CULVERTS, CLASS III	16	EA	PAINT PAVEMENT MARKING SYMBOL
328	LF	24" RC PIPE CULVERTS, CLASS III	300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	LF	48" BIT COAT CS PIPE CULVERTS, TYPE B 0.109" THICK	32	EA	PERMANENT RAISED PAVEMENT MARKERS
105	LF	PIPE REMOVAL	44	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
2	EA	PIPE CLEAN-OUT	44	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
150	TON	INCIDENTAL STONE BASE	1	TON	PAVEMENT REPAIR FOR UTILITY WORK
100	SY	INCIDENTAL MILLING	510	LF	6" DI WATER PIPE, PC 350
230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	120	LF	3/4" COPPER WATER PIPE, TYPE K
160	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	850	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3	EA	3/4" CORPORATION STOP
73	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	3	EA	6" GATE VALVE & VALVE BOX, 200# WP
290	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	3	EA	***X*** TAPPING SADDLE (6" X 3/4")
22.4	CY	SUBDRAIN EXCAVATION	3	EA	RELOCATE EXISTING WATER METER
16.8	CY	SUBDRAIN FINE AGGREGATE	1	EA	RELOCATE EXISTING FIRE HYDRANT
100	LF	6" PERFORATED SUBDRAIN PIPE	209	LF	8" DI SEWER PIPE, PC 350
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	2	EA	4' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1	LF	PRECAST CONC MANHOLE WALL, * DIA, OVER 6' HT (4')
6	LF	6" OUTLET PIPE (SUBDRAINS)	306	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", TC SEWER)
100	LF	SHOULDER DRAIN	2	EA	GENERIC UTILITY ITEM STEEL H-PILE PIER
1.1	CY	PIPE COLLARS	100	LF	GENERIC UTILITY ITEM 8" DI RIGID RESTRAINED JOINT SEWER PIPE, PC 350
0.2	CY	PIPE PLUGS	340	LF	TEMPORARY SILT FENCE
17	EA	MASONRY DRAINAGE STRUCTURES	150	TON	STONE FOR EROSION CONTROL, CLASS A
3	EA	FRAME WITH TWO GRATES, STD 840.16	130	TON	STONE FOR EROSION CONTROL, CLASS B
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	180	TON	SEDIMENT CONTROL STONE
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	0.5	ACR	TEMPORARY MULCHING
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	50	LB	SEED FOR TEMPORARY SEEDING
2	EA	FRAME WITH COVER, STD 840.54	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	CONCRETE APRON FOR DROP INLETS	210	CY	SILT EXCAVATION
750	LF	2'-6" CONCRETE CURB & GUTTER	465	SY	MATTING FOR EROSION CONTROL
390	SY	4" CONCRETE SIDEWALK	460	LF	1/4" HARDWARE CLOTH
50	SY	CONCRETE WHEELCHAIR RAMPS	40	CY	STILLING BASINS
120	SY	6" CONCRETE DRIVEWAY	0.5	ACR	SEEDING & MULCHING
140	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	0.5	ACR	MOWING
10	EA	ADJUSTMENT OF MANHOLES	50	LB	SEED FOR REPAIR SEEDING
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	0.25	TON	FERTILIZER FOR REPAIR SEEDING
25	TON	PLAIN RIP RAP, CLASS I	50	LB	SEED FOR SUPPLEMENTAL SEEDING
325	SY	FILTER FABRIC FOR DRAINAGE	0.25	TON	FERTILIZER TOPDRESSING
492	SF	WORK ZONE SIGNS (STATIONARY)	325	LF	IMPERVIOUS DIKE
180	SF	WORK ZONE SIGNS (PORTABLE)	1	HR	SPECIALIZED HAND MOWING
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	8	EA	RESPONSE FOR EROSION CONTROL
7	EA	WARNING FLAG SETS	735	LF	SIGNAL CABLE
60	EA	DRUMS	13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
50	EA	CONES	3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
80	LF	BARRICADES (TYPE III)			
272	HR	FLAGGER			
2	EA	WARNING LIGHTS (TYPE B)			
1,046	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")			

90	LF	MESSENGER CABLE (3/8")
77	LF	TRENCHING (PAVED)
188	LF	TRENCHING (UNPAVED)
7	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	WOOD POLE
2	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
2	EA	2" RISER WITH WEATHERHEAD
1,254	LF	INDUCTIVE LOOP SAWCUT
1,040	LF	LEAD-IN CABLE
2	EA	GENERIC SIGNAL ITEM INSTALL CONTROLLER W/ CABINET (TYPE 2070L, POLE MOUNTED)
6	EA	GENERIC SIGNAL ITEM INSTALL DETECTOR CARD (TYPE 2070L)

### CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+82.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+82.00 -L-)
147	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
247.5	CY	CLASS A CONCRETE (CULVERT)
36,221	LB	REINFORCING STEEL (CULVERT)
1,057	SF	GENERIC CULVERT ITEM ARCHITECTURAL CONCRETE SURFACE TREATMENT