




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

December 19 2006

MEMORANDUM TO: Prospective Bidders

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

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training

As you are aware, the Department has implemented two of the three phases of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to outline the goals for the Department and identify Contractor and CEI personnel impacted. North Carolina State University's Department of Biological and Agricultural Engineering will administer the certification program. The certification includes classroom instruction and satisfactory completion of an examination. Candidates may waive the classroom instruction and attend the examination only

Three (3) levels of certification are planned:

- Level III will target contractor's, CEI's, and PEF's designers who prepare or oversee the preparation of erosion and sediment control and stormwater pollution prevention plans and reclamation plans. The workshop for Level III is a two-day fast paced class for engineers and advanced level technicians who design or prepare elements of the design for the aforementioned plans. New engineering analysis methods for erosion prediction and design will be presented as well as hydrologic and hydraulic engineering principles. The implementation date for Level III is January 2008 and plans submitted after that date will be accompanied with the Level III certification number of the designer. **Registration for Level III workshops will begin in spring 2007**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew was required on all projects that have erosion control plans beginning with the January 17 2006 letting. Although Level II has already been implemented on projects that have erosion control plans, certification training will be offered on an as needed basis in 2007 **Early registration encouraged.**

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's foreman on an Erosion Control/Stormwater BMP Installation Crew, Pipe Installation Crew within jurisdictional areas, or Seeding and Mulching Crew and CEI TT's inspecting erosion control/stormwater bid items. One Level I installer for each crew will be required on all projects that have erosion control plans beginning with the January 16, 2007 letting. Please note, a Level II site manager may substitute in the crew in the absence of a Level I Installer. Although Level I has already been implemented on projects that have erosion control plans, certification training will be offered in early 2007 and then afterwards on an as needed basis. **Early registration encouraged.**

To obtain detailed information regarding the certification program, review locations for Level I, II, and III classes or registration, or view the project special provision included in contracts, please visit the certification website at: www.bae.ncsu.edu/workshops/dot/index.html

Those wishing to sponsor a certification training class and examination with 50 or more candidates can contact NCSU at the above website.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at tsherrod@dot.state.nc.us or by phone at (919) 733-2920.

RAG/TMS

cc: Ellis Powell, P.E., State Construction Engineer
Don Lee, CPESC, State Roadside Environmental Engineer




STATE OF NORTH CAROLINA
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SECRETARY

August 22, 2006

NOTICE TO: All Invitation to Bid Recipients
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Release of Bid Tabulation Prior to Project Award

At the request of the Associated General Contractors (AGC) the Department will no longer post on the internet or make printed distribution of bid tabulations until after a project is awarded.

The AGC's request is a result of their concern about release of unit prices on projects in which bids are rejected and the disadvantage that could be created when the project is re-advertised.

Therefore, beginning with the August 15, 2006 Highway letting bid tabulations will not be posted on the internet or an external distribution made until after the project has been awarded. Projects that are rejected will not be part of the information posted or distributed.

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

**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 **JANUARY 16, 2007** . 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. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT ABID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<http://www.ncdot.org/doh/construction/ps/contracts/letting.html>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-250-4124.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1509. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), 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 DECEMBER 19, 2006.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORC	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L070116

RPN	Contract Id	WBS	County	Length	JobType
002	C201144	34934.3.3	WAKE	0.606 MI	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS, & CULVERT.
003	C201454	35156.3.1	WAKE	0.550 MI	INTERCHANGE REVISION, WIDENING, PAVING & SIGNALS.
004	C201711	36997 ETC.	WAKE	24.710 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
005	C201699	37667 ETC.	GRANVILLE, VANCE	27.490 MI	GRADING, SHOULDER RECONSTRUCTION & RESURFACING.
006	C201712	5CR.20321.5	DURHAM	18.900 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
007	C201512	34467.3.11	CUMBERLAND	1.119 KM	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C201328	34960.3.2	GUILFORD	0.576 MI	GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.
009	C201633	40247.3.1	GUILFORD	3.603 MI	PAVEMENT REHABILITATION.
010	C201704	8CR.10471.6 ETC.	HOKE	15.270 MI	SHOULDER RECONSTRUCTION & RESURFACING.
011	C201703	8CR.10531.6 ETC.	LEE	11.050 MI	MILLING, SHLDER CONSTRUCTION & RECONSTRUCTION & RESURFACING.
012	C201705	8CR.10631.6 ETC.	MOORE	24.890 MI	SHOULDER RECONSTRUCTION & RESURFACING.
013	C201710	8CR.10771.6 ETC.	RICHMOND	15.100 MI	MILLING, SHOULDER RECONSTRUCTION & RESURFACING.
014	C201702	8CR.20191.6	CHATHAM	12.700 MI	SHOULDER RECONSTRUCTION, & RESURFACING.
015	C201645	40893.3.1	FORSYTH	3.588 MI	PAVEMENT REHABILITATION.
016	C201697	10CR.10601.10 ET	MECKLENBURG	19.640 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
017	C201701	10CR.10841.10 ET	STANLY	11.070 MI	MILLING, RESURFACING, SHLDR CONSTR & SHLDR RECONSTR.
018	C201595	34799.3.2	GASTON	4.642 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
019	C201208	35604.3.2	IREDELL	1.994 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
020	C201706	12CR.10181.3 ETC	CATAWBA	16.870 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
021	C201707	12CR.10231.4 ETC	CLEVELAND	17.200 MI	MILLING, SHOULDER RECONSTRUCTION & RESURFACING.
022	C201708	12CR.10361.5 ETC	GASTON	15.430 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
023	C201709	12CR.10551.4 ETC	LINCOLN	8.080 MI	MILLING, SHOULDER RECONSTRUCTION & RESURFACING.
024	C201222	32877.3.1	BUNCOMBE	0.151 KM	GRADING, DRAINAGE, PAVING & STRUCTURE.

Bid Letting Number L070220

RPN	Contract Id	WBS	County	Length	JobType
*001	C201581	32649.3.1	CRAVEN	0.520 MI	GRADING, DRAINAGE, PAVING, SIGNAL, & STRUCTURE.

* THIS PROJECT IS AN 8 WEEK ADVERTISEMENT AND WILL BE LET FEBRUARY 20, 2007

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 002

CONTRACT ID : C201144 34934.3.3

DIV OFFICE DURHAM

LENGTH = 0.606 MI

COUNTY : WAKE

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

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : JUN 15 2008

SR-3015 (AIRPORT BLVD) FROM NC-54 TO MCCRIMMON PKWY AT MORRISVILLE.

ROADWAY ITEMS					
			500	SY	4" CONCRETE SIDEWALK
			8	EA	CONCRETE WHEELCHAIR RAMPS
			350	SY	6" CONCRETE DRIVEWAY
			70	SY	4" CONCRETE PAVED DITCH
			40	EA	ADJUSTMENT OF MANHOLES
			40	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			115	TON	RIP RAP, CLASS I
			75	TON	RIP RAP, CLASS B
			745	SY	FILTER FABRIC FOR DRAINAGE
			1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			353	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			8	EA	SIGN ERECTION, TYPE E
			3	EA	SIGN ERECTION, TYPE F
			2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (TYPE E)
			20	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			588	SF	WORK ZONE SIGNS (STATIONARY)
			148	SF	WORK ZONE SIGNS (PORTABLE)
			219	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			9	EA	CHANGEABLE MESSAGE SIGN
			184	LF	BARRICADES (TYPE III)
			600	MD	FLAGGER
			4	EA	TEMPORARY CRASH CUSHIONS
			1,000	LF	PORTABLE CONCRETE BARRIER
			798	LF	WATER FILLED BARRIER
			1,809	LF	RESET WATER FILLED BARRIER
			60	HR	POLICE
			647	EA	TEMPORARY RAISED PAVEMENT MARKERS
			636	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			11,290	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			315	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			157	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
			31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			66,251	LF	PAINT PAVEMENT MARKING LINES (4")
			2,465	LF	PAINT PAVEMENT MARKING LINES (8")
			405	LF	PAINT PAVEMENT MARKING LINES (24")
			24	EA	PAINT PAVEMENT MARKING CHARACTER
			53	EA	PAINT PAVEMENT MARKING SYMBOL
			23,390	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			87	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
			1,794	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			54	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			20	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			379	EA	PERMANENT RAISED PAVEMENT MARKERS
			1	EA	GENERIC UTILITY ITEM 6" GATE VALVE & VALVE BOX, 200# WP
			1	EA	GENERIC UTILITY ITEM 8" DOUBLE DETECTOR CHECK VALVE ASSEMBLY & VAULT
			1	EA	GENERIC UTILITY ITEM 8" WATER METER ASSEMBLY & VAULT
			7	EA	GENERIC UTILITY ITEM RELOCATE EXISTING FIRE HYDRANT
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
2	EA	SEALING ABANDONED WELLS			
2,700	CY	UNCLASSIFIED EXCAVATION			
1,750	CY	UNDERCUT EXCAVATION			
325	TON	CLASS IV SUBGRADE STABILIZATION			
19,900	CY	BORROW EXCAVATION			
1,500	CY	DRAINAGE DITCH EXCAVATION			
4,550	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
3,850	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
500	CY	SELECT GRANULAR MATERIAL			
500	SY	FABRIC FOR SOIL STABILIZATION			
1,930	SF	TEMPORARY SHORING			
425	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
24	LF	15" SIDE DRAIN PIPE			
48	LF	GENERIC PIPE ITEM 10" PVC PIPE			
768	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
200	TON	STABILIZER AGGREGATE			
100	TON	INCIDENTAL STONE BASE			
3,300	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
1,900	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
2,100	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")			
300	SY	INCIDENTAL MILLING			
6,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
5,475	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
4,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
830	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
230	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
25	EA	RIGHT OF WAY MARKERS			
112	CY	SUBDRAIN EXCAVATION			
84	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)			
4.5	CY	ENDWALLS			
2	CY	PIPE COLLARS			
48	EA	MASONRY DRAINAGE STRUCTURES			
28	LF	MASONRY DRAINAGE STRUCTURES			
9	EA	FRAME WITH GRATE, STD 840.**** (840.16)			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
5,300	LF	2'-6" CONCRETE CURB & GUTTER			

2	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER
60	LF	GENERIC UTILITY ITEM 16" DI WATER PIPE, PC 250
68	LF	GENERIC UTILITY ITEM 3/4" COPPER WATER PIPE, TYPE K
121	LF	GENERIC UTILITY ITEM 6" DI WATER PIPE, PC 350
60	LF	GENERIC UTILITY ITEM 8" DI WATER PIPE, PC 350
12	TON	GENERIC UTILITY ITEM BEDDING MATERIAL, UTILITIES CLASS VI
12	TON	GENERIC UTILITY ITEM FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS VI
1,975	LB	GENERIC UTILITY ITEM DUCTILE IRON WATER PIPE FIT- TINGS, 250# WP
5,155	LF	TEMPORARY SILT FENCE
495	TON	STONE FOR EROSION CONTROL, CLASS A
1,070	TON	STONE FOR EROSION CONTROL, CLASS B
940	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
350	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
350	LF	SAFETY FENCE
9,235	CY	SILT EXCAVATION
1,960	SY	MATTING FOR EROSION CONTROL
60	SY	COIR FIBER MAT
85	SY	PERMANENT SOIL REINFORCEMENT MAT
1,060	LF	1/4" HARDWARE CLOTH
235	LF	*** TEMPORARY PIPE (24")
100	CY	STILLING BASINS
5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3.75	TON	FERTILIZER TOPDRESSING
100	LF	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
30	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM 3" FAIRCLOTH SKIMMER
685	LF	SIGNAL CABLE
3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
325	LF	MESSENGER CABLE (3/8")
50	LF	PAVED TRENCHING (***** (1, 2")
550	LF	UNPAVED TRENCHING (***** (1, 2")
5	EA	JUNCTION BOX (STANDARD SIZE)
4	EA	WOOD POLE
6	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
4	EA	2" RISER WITH WEATHERHEAD
605	LF	INDUCTIVE LOOP SAWCUT
1,885	LF	LEAD-IN CABLE (***** (18-2)
1	EA	INTERCONNECT CENTER
1	EA	SIGNAL CABINET FOUNDATION
1	EA	GENERIC SIGNAL ITEM 2070L CONTROLLER, CARY COMPAT- IBLE
1	EA	GENERIC SIGNAL ITEM NEMA TS-2 CABINET (BASE MOUNTED) CARY COMPATIBLE
8	EA	GENERIC SIGNAL ITEM NEMA TS-2 DETECTOR CARD

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

1,960	LF	15" RC PIPE CULVERTS, CLASS III
1,332	LF	18" RC PIPE CULVERTS, CLASS III

452	LF	24" RC PIPE CULVERTS, CLASS III
168	LF	42" RC PIPE CULVERTS, CLASS III
		*** OR ***
1,672	LF	15" RC PIPE CULVERTS, CLASS III
1,200	LF	18" RC PIPE CULVERTS, CLASS III
360	LF	24" RC PIPE CULVERTS, CLASS III
64	LF	42" RC PIPE CULVERTS, CLASS III
288	LF	**** HDPE PIPE CULVERTS (15")
132	LF	**** HDPE PIPE CULVERTS (18")
92	LF	**** HDPE PIPE CULVERTS (24")
104	LF	**** HDPE PIPE CULVERTS (42")
		*** OR ***
1,672	LF	15" RC PIPE CULVERTS, CLASS III
1,200	LF	18" RC PIPE CULVERTS, CLASS III
360	LF	24" RC PIPE CULVERTS, CLASS III
64	LF	42" RC PIPE CULVERTS, CLASS III
288	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064" THICK)
132	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064" THICK)
92	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064" THICK)
104	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (42", 0.109" THICK)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (37+40.00 -L-)
87	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
119.6	CY	CLASS A CONCRETE (CULVERT)
16,512	LB	REINFORCING STEEL (CULVERT)
33	TON	RIP RAP, CLASS ** (1)
36	SY	FILTER FABRIC FOR DRAINAGE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 003

CONTRACT ID : C201454 35156.3.1

DIV OFFICE DURHAM

LENGTH = 0.550 MI

COUNTY : WAKE

INTERCHANGE REVISION, WIDENING, PAVING & SIGNALS.

DBE GOAL 5.0% COMPLETION DATE : NOV 15 2007

SR-2000 (WAKE FOREST RD) AT I-440 IN RALEIGH.

Lump Sum		ROADWAY ITEMS	Quantity	Unit	Description
	LS	MOBILIZATION	22	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	LS	GRADING	138	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	138	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
20	CY	UNDERCUT EXCAVATION	610	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
700	LF	BERM DITCH CONSTRUCTION	1	EA	SIGN ERECTION, TYPE D
181	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	22	EA	SIGN ERECTION, TYPE E
16	LF	15" SIDE DRAIN PIPE	6	EA	SIGN ERECTION, TYPE F
108	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
3	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
620	LF	PIPE REMOVAL	24	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
10	TON	#57 STONE	7	EA	DISPOSAL OF SUPPORT, U-CHANNEL
60	TON	INCIDENTAL STONE BASE	394	SF	WORK ZONE SIGNS (STATIONARY)
3,560	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	372	SF	WORK ZONE SIGNS (PORTABLE)
1,620	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	70	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	3	EA	FLASHING ARROW PANELS, TYPE C
230	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	4	EA	CHANGEABLE MESSAGE SIGN
231	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	200	EA	DRUMS
4	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	100	EA	CONES
2	CY	PIPE COLLARS	128	LF	BARRICADES (TYPE III)
51	EA	MASONRY DRAINAGE STRUCTURES	3,000	HR	FLAGGER
48	LF	MASONRY DRAINAGE STRUCTURES	3	EA	TMIA
9	EA	FRAME WITH GRATE, STD 840.**** (840.16)	200	HR	POLICE
2	EA	FRAME WITH GRATE, STD 840.29 (840.29)	100	EA	SKINNY DRUM
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	80	EA	TUBULAR MARKERS (FIXED)
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	2,582	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	9,747	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10	EA	FRAME WITH COVER, STD 840.54	430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4,225	LF	2'-6" CONCRETE CURB & GUTTER	24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
655	LF	SHOULDER BERM GUTTER	71	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
535	LF	CONCRETE EXPRESSWAY GUTTER	14,894	LF	PAINT PAVEMENT MARKING LINES (4")
2,390	SY	4" CONCRETE SIDEWALK	1,200	LF	PAINT PAVEMENT MARKING LINES (8")
20	EA	CONCRETE WHEELCHAIR RAMPS	1,148	LF	PAINT PAVEMENT MARKING LINES (24")
90	SY	4" CONCRETE PAVED DITCH	12	EA	PAINT PAVEMENT MARKING CHARAC- TER
440	SY	4" CONCRETE ISLAND COVERS	82	EA	PAINT PAVEMENT MARKING SYMBOL
950	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	40	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
2	EA	CONCRETE BARRIER TRANSITION SECTION	155	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
240	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	155	EA	PERMANENT RAISED PAVEMENT MARKERS
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350	4	EA	LIGHT STANDARD, TYPE MTL5 ***** (35', SA 15')
650	LF	STEEL BM GUARDRAIL	4	EA	STANDARD FOUNDATION ***** (TYPE R1)
5	EA	ADDITIONAL GUARDRAIL POSTS	4	EA	LIGHT STANDARD LUMINAIRES, TYPE ***** (TYPE RDW, 250W HPS)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	70	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0, USE)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
700	LF	REMOVE EXISTING GUARDRAIL	30	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
4	TON	RIP RAP, CLASS B			
14	SY	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	GENERIC WALL ITEM SOIL NAIL RETAINING WALLS			

	2	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)	
	13	EA	DETECTOR CARD (NEMA TS-2)	
126	LF		ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	
757	LF		** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	
2	EA		ELECTRICAL JUNCTION BOXES ***** (PC 18)	
6	EA		UNDERPASS LUMINARIES ***** (WM 150W)	
Lump Sum	LS		UNDERPASS CIRCUITRY AT ***** (WAKE FOREST RD/I-440)	
Lump Sum	LS		PORTABLE LIGHTING	
1	EA		6" VALVE	
2	EA		REMOVE WATER METER	
1	EA		REMOVE FIRE HYDRANT	
1	EA		GENERIC UTILITY ITEM ADJUST EXISTING 10" RPZ BACKFLOW PREVENTER	
1	EA		GENERIC UTILITY ITEM FIRE HYDRANT, 150# WP	
2	EA		GENERIC UTILITY ITEM RELOCATE EXISTING 4" WATER METER WITH NEW METER VAULT	
2	EA		GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER WITH NEW METER BOX	
1	EA		GENERIC UTILITY ITEM REMOVE EXISTING CHECK VALVE VAULT	
65	LF		GENERIC UTILITY ITEM 1" COPPER WATER PIPE, TYPE K	
10	LF		GENERIC UTILITY ITEM 10" DI WATER PIPE, PC 350	
28	LF		GENERIC UTILITY ITEM 2" COPPER WATER PIPE, TYPE K	
10	LF		GENERIC UTILITY ITEM 4" DI WATER PIPE, PC 350	
25	LF		GENERIC UTILITY ITEM 6" DI WATER PIPE, PC 350	
600	LB		GENERIC UTILITY ITEM DUCTILE IRON WATER PIPE FITTINGS, 250PSI MIN WP	
400	LF		TEMPORARY SILT FENCE	
15	TON		STONE FOR EROSION CONTROL, CLASS B	
10	TON		SEDIMENT CONTROL STONE	
50	CY		SILT EXCAVATION	
2	ACR		SEEDING & MULCHING	
6	EA		PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECTION W/COUNTDOWN)	
8,080	LF		SIGNAL CABLE	
37	EA		VEHICLE SIGNAL HEAD (12", 3 SECTION)	
8	EA		VEHICLE SIGNAL HEAD (12", 5 SECTION)	
200	LF		MESSENGER CABLE (1/4")	
1,900	LF		MESSENGER CABLE (3/8")	
75	LF		PAVED TRENCHING (*****) (1, 2")	
715	LF		UNPAVED TRENCHING (*****) (1, 2")	
600	LF		DIRECTIONAL DRILL (*****) (1, 2")	
8	EA		JUNCTION BOX (STANDARD SIZE)	
1	EA		JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)	
10	EA		WOOD POLE	
29	EA		GUY ASSEMBLY	
3	EA		1/2" RISER WITH WEATHERHEAD	
1	EA		1" RISER WITH WEATHERHEAD	
14	EA		2" RISER WITH WEATHERHEAD	
5,900	LF		INDUCTIVE LOOP SAWCUT	
6,215	LF		LEAD-IN CABLE (*****) (18-4)	
620	LF		COMMUNICATIONS CABLE (** TWISTED-PAIR) (25)	
620	LF		COMMUNICATIONS CABLE (** TWISTED-PAIR) (6)	
450	LF		REMOVE EXISTING COMMUNICATIONS CABLE	
5	EA		CABLE TRANSFER	
1	EA		SIGNAL PEDESTAL WITH FOUNDA- TION	
18	EA		SIGN FOR SIGNALS	
9	EA		RELOCATE EXISTING SIGN	
2	EA		SIGNAL CABINET FOUNDATION	
				***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
684	LF		15" RC PIPE CULVERTS, CLASS III	
344	LF		18" RC PIPE CULVERTS, CLASS III	
548	LF		24" RC PIPE CULVERTS, CLASS III	
				*** OR ***
344	LF		15" RC PIPE CULVERTS, CLASS III	
56	LF		18" RC PIPE CULVERTS, CLASS III	
48	LF		24" RC PIPE CULVERTS, CLASS III	
340	LF		***" HDPE PIPE CULVERTS (15")	
288	LF		***" HDPE PIPE CULVERTS (18")	
500	LF		***" HDPE PIPE CULVERTS (24")	
				*** OR ***
344	LF		15" RC PIPE CULVERTS, CLASS III	
56	LF		18" RC PIPE CULVERTS, CLASS III	
48	LF		24" RC PIPE CULVERTS, CLASS III	
340	LF		***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")	
288	LF		***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")	
500	LF		***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")	
				*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 004

CONTRACT ID : C201711 36997

DIV OFFICE DURHAM

LENGTH = 24.710 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

3 SECTIONS OF US-64 BUS, 2 SECTIONS OF NC-55 & NC-231, 1 SECTION OF NC-98, NC-97, NC-54 & SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	
	LS	MOBILIZATION
945	TON	INCIDENTAL STONE BASE
37.32	SMI	SHOULDER RECONSTRUCTION
6,571	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
18,534	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
6,076	SY	INCIDENTAL MILLING
45,517	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,732	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,498	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF CATCH BASINS
70	EA	ADJUSTMENT OF MANHOLES
69	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
208,319	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
218,032	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
474	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
20	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,309	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
494	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
10,494	LF	PAINT PAVEMENT MARKING LINES (4")
2,420	EA	PERMANENT RAISED PAVEMENT MARKERS
28.01	ACR	SEEDING & MULCHING
400	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 005

CONTRACT ID : C201699 37667

DIV OFFICE DURHAM

LENGTH = 27.490 MI

COUNTY : GRANVILLE, VANCE

GRADING, SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

INTERSECTION OF NC-56 & NC-96, NC-56 FROM CREEDMOOR ECL TO THE FRANKLIN CO LINE, AND 11 SECTIONS OF SECONDARY ROADS.

		ROADWAY ITEMS			
				3	EA 2" RISER WITH WEATHERHEAD
				900	LF INDUCTIVE LOOP SAWCUT
				2,000	LF LEAD-IN CABLE (*****) (18-2)
				300	LF LEAD-IN CABLE (*****) (18-4)
Lump Sum	LS	MOBILIZATION		1	EA METAL STRAIN SIGNAL POLE
Lump Sum	LS	GRADING		1	EA SOIL TEST
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		8	CY DRILLED PIER FOUNDATION
52	LF	15" SIDE DRAIN PIPE		8	EA SIGN FOR SIGNALS
148	LF	18" SIDE DRAIN PIPE		1	EA SIGNAL CABINET FOUNDATION
52	LF	18" RC PIPE CULVERTS, CLASS III		1	EA CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
56	LF	24" RC PIPE CULVERTS, CLASS III		5	EA DETECTOR CARD (TYPE 2070L)
84	LF	PIPE REMOVAL		1	EA CABINET BASE EXTENDER
1,614	TON	INCIDENTAL STONE BASE			
53.53	SMI	SHOULDER RECONSTRUCTION			
3,097	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
575	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
13,288	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
17,476	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
2,200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)			
2,259	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2,640	TON	PATCHING EXISTING PAVEMENT			
2.9	CY	PIPE COLLARS			
550	LF	***X *** CONCRETE CURB (8" X 12")			
625	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
35	SY	FILTER FABRIC FOR DRAINAGE			
106,524	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
90,860	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
425	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
34	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
696,539	LF	PAINT PAVEMENT MARKING LINES (4")			
100	LF	PAINT PAVEMENT MARKING LINES (24")			
12	EA	PAINT PAVEMENT MARKING CHARACTER			
8	EA	PAINT PAVEMENT MARKING SYMBOL			
1,865	EA	PERMANENT RAISED PAVEMENT MARKERS			
500	LF	TEMPORARY SILT FENCE			
12	TON	STONE FOR EROSION CONTROL, CLASS B			
39.78	ACR	SEEDING & MULCHING			
480	LF	SIGNAL CABLE			
8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
8	EA	LOUVER			
125	LF	MESSENGER CABLE (3/8")			
350	LF	PAVED TRENCHING (*****) (1, 2")			
1,930	LF	UNPAVED TRENCHING (*****) (1, 2")			
12	EA	JUNCTION BOX (STANDARD SIZE)			
2	EA	GUY ASSEMBLY			
1	EA	1" RISER WITH WEATHERHEAD			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 006

CONTRACT ID : C201712 5CR.20321.5

DIV OFFICE DURHAM

LENGTH = 18.900 MI

COUNTY : DURHAM

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

21 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,292	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
701	TON	INCIDENTAL STONE BASE
24.58	SMI	SHOULDER RECONSTRUCTION
40,978	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1" TO 3")
8,070	SY	INCIDENTAL MILLING
1,225	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
762	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
28,290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,035	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
146	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,858	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,370	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF CATCH BASINS
1	EA	ADJUSTMENT OF DROP INLETS
143	EA	ADJUSTMENT OF MANHOLES
53	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
155,221	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
203,241	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,775	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
107	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
282	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,991	EA	PERMANENT RAISED PAVEMENT MARKERS
19	ACR	SEEDING & MULCHING
9,400	LF	INDUCTIVE LOOP SAWCUT
2,000	LF	LEAD-IN CABLE (*****) (18-4)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 007

CONTRACT ID : C201512 34467.3.11

DIV OFFICE FAYETTEVILLE

LENGTH = 1.119 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING & STRUCTURE.

MBE GOAL 2.0% WBE 2.0% COMPLETION DATE : NOV 15 2007

NC-87 FROM SOUTH OF I-95 TO SOUTH OF SR-2233 AND NC-87 DUAL BRIDGES OVER ROCKFISH CREEK.

		ROADWAY ITEMS					
				933	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	
				50	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	
Lump Sum	LS	MOBILIZATION		25	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	
Lump Sum	LS	CONSTRUCTION SURVEYING		17	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+65.00-LREV-)		9,381	M	PAINT PAVEMENT MARKING LINES (100MM)	
	0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	6	EA	PAINT PAVEMENT MARKING SYMBOL	
	200	M3	UNDERCUT EXCAVATION	12,733	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	
Lump Sum	LS	GRADING		6	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	
	1,100	M3	BORROW EXCAVATION	150	EA	SNOWPLOWABLE PAVEMENT MARKERS	
	4,640	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	230	M	TEMPORARY SILT FENCE	
	35	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	75	MTN	STONE FOR EROSION CONTROL, CLASS A	
	84	M	400MM CS PIPE CULVERTS, 1.63MM THICK	65	MTN	STONE FOR EROSION CONTROL, CLASS B	
	20	M	300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	45	MTN	SEDIMENT CONTROL STONE	
	96	M	PIPE REMOVAL	1	HA	TEMPORARY MULCHING	
	1.7	SKM	SHOULDER RECONSTRUCTION	50	KG	SEED FOR TEMPORARY SEEDING	
	720	M2	INCIDENTAL MILLING	0.5	MTN	FERTILIZER FOR TEMPORARY SEEDING	
	1,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	75	M3	SILT EXCAVATION	
	70	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	600	M2	MATTING FOR EROSION CONTROL	
	2,350	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1	HA	SEEDING & MULCHING	
	495	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C	0.5	HA	MOWING	
	205	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	25	KG	SEED FOR REPAIR SEEDING	
	28	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	0.25	MTN	FERTILIZER FOR REPAIR SEEDING	
	80	M3	SUBDRAIN EXCAVATION	25	KG	SEED FOR SUPPLEMENTAL SEEDING	
	60	M3	SUBDRAIN FINE AGGREGATE	1.5	MTN	FERTILIZER TOPDRESSING	
	120	M	150MM PERFORATED SUBDRAIN PIPE	2	HR	SPECIALIZED HAND MOWING	
	12	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL	
	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET				
	4	M	150MM OUTLET PIPE (SUBDRAINS)				
	0.1	M3	PIPE PLUGS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+36.132 -LREV- NBL)	
	2	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+36.132 -LREV- SBL)	
	2	EA	FRAME WITH TWO GRATES, STD 840.29	2,315	M3	UNCLASSIFIED STRUCTURE EXCAVATION	
	60	M	SHOULDER BERM GUTTER	431	M2	REINFORCED CONCRETE DECK SLAB	
	1	EA	GENERIC DRAINAGE ITEM TEMPORARY STEEL COVER FOR DRAINAGE STRUCTURE	480.8	M2	GROOVING BRIDGE FLOORS	
	207	M	REMOVE & RESET EXISTING GUARDRAIL	157	M3	CLASS A CONCRETE (BRIDGE)	
	4	MTN	PLAIN RIP RAP, CLASS B	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+36.132 -LREV- NBL)	
	155	M2	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+36.132 -LREV- SBL)	
	35	M2	WORK ZONE SIGNS (STATIONARY)	12,164	KG	REINFORCING STEEL (BRIDGE)	
	9	M2	WORK ZONE SIGNS (PORTABLE)	172.824	M	914MM PRESTRESSED CONCRETE GIRDERS	
	2	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	420	M	HP310X79 STEEL PILES	
	2	EA	FLASHING ARROW PANELS, TYPE C	Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (25+36.132 -LREV- NBL)	
	3	EA	CHANGEABLE MESSAGE SIGN	Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (25+36.132 -LREV- SBL)	
	200	EA	DRUMS	61	M	CONCRETE BARRIER RAIL	
	18	M	BARRICADES (TYPE III)	143	MTN	PLAIN RIP RAP CLASS II (600MM THICK)	
	20	MD	FLAGGER	145	M2	FILTER FABRIC FOR DRAINAGE	
	3	EA	WARNING LIGHTS (TYPE B)	Lump Sum	LS	ELASTOMERIC BEARINGS	
	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	Lump Sum	LS	EVAZOTE JOINT SEALS	
	718	M	PORTABLE CONCRETE BARRIER (DRAINAGE)				
	694	M	RESET PORTABLE CONCRETE BARRIER				
	50	EA	TUBULAR MARKERS (FIXED)				
	175	M	REMOVABLE TAPE PAVEMENT MARKING LINES (150MM)				
	4,796	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)				

STRUCTURE ITEMS

Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING STEEL PILES AT STA 25+36.132 - LREV- NBL
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING STEEL PILES AT STA 25+36.132 - LREV- SBL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 008

CONTRACT ID : C201328 34960.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.576 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, SIGNALS & CULVERT.

DBE GOAL 9.0% COMPLETION DATE : JUN 15 2008

SR-1424 (HILLTOP RD) FROM EAST OF SR-1546 (GUILFORD COLLEGE RD) TO SR-4150 (ADAMS FARM PKWY) IN GREENSBORO.

ROADWAY ITEMS					
			1	EA	GENERIC DRAINAGE ITEM
					MODIFIED DRAINAGE OUTLET
			760	SF	GENERIC GRADING ITEM (SF)
					TEMPORARY FABRIC WALL
			5,770	LF	2'-6" CONCRETE CURB & GUTTER
			3,125	SY	4" CONCRETE SIDEWALK
			16	EA	CONCRETE WHEELCHAIR RAMPS
			525	SY	6" CONCRETE DRIVEWAY
			412.5	LF	STEEL BM GUARDRAIL
			10	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			175	LF	TEMPORARY STEEL BM GUARDRAIL
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			52	TON	RIP RAP, CLASS I
			18	TON	RIP RAP, CLASS B
			722	SY	FILTER FABRIC FOR DRAINAGE
			125	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			4	EA	SIGN ERECTION, TYPE E
			9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			226	SF	WORK ZONE SIGNS (STATIONARY)
			234	SF	WORK ZONE SIGNS (PORTABLE)
			36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			120	EA	DRUMS
			25	EA	CONES
			50	LF	BARRICADES (TYPE III)
			1,440	HR	FLAGGER
			2	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHIONS
			2	EA	TMIA
			170	LF	PORTABLE CONCRETE BARRIER
			220	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
			270	EA	TEMPORARY RAISED PAVEMENT MARKERS
			600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			10,230	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			48	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			40,150	LF	PAINT PAVEMENT MARKING LINES (4")
			200	LF	PAINT PAVEMENT MARKING LINES (24")
			20	EA	PAINT PAVEMENT MARKING SYMBOL
			350	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			20	EA	PERMANENT RAISED PAVEMENT MARKERS
			340	EA	SNOWFLOWABLE PAVEMENT MARKERS
			130	LF	8" WATER LINE
			2,542	LF	12" WATER LINE
			1	EA	8" VALVE
			2	EA	12" VALVE
			16	EA	3/4" WATER METER
			7	EA	FIRE HYDRANT
			1	EA	RELOCATE FIRE HYDRANT
			1,729	LF	8" SANITARY GRAVITY SEWER
			18	EA	SANITARY SEWER CLEAN-OUT
			10	EA	4' DIA UTILITY MANHOLE
			49	LF	UTILITY MANHOLE WALL, 4' DIA
			6	EA	GENERIC UTILITY ITEM BREAK DOWN & FILL ABANDONED SEPTIC TANK
Lump Sum	LS	MOBILIZATION			
1	EA	SEALING ABANDONED WELLS			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
3,350	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
210	TON	CLASS IV SUBGRADE STABILIZATION			
17,800	CY	BORROW EXCAVATION			
183	CY	DRAINAGE DITCH EXCAVATION			
600	CY	SELECT GRANULAR MATERIAL			
2,100	SY	FABRIC FOR SOIL STABILIZATION			
500	SF	TEMPORARY SHORING - BARRIER SUPPORTED			
720	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
28	LF	*** SIDE DRAIN PIPE (12")			
32	LF	15" SIDE DRAIN PIPE			
208	LF	30" RC PIPE CULVERTS, CLASS III			
60	LF	*** CS PIPE CULVERTS, ***** THICK (84", 0.168")			
44	LF	18" CS PIPE CULVERTS, 0.064" THICK (18", 0.064" W/ TEE)			
44	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
1	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
1,116	LF	PIPE REMOVAL			
700	LB	SEALING EXISTING PAVEMENT CRACKS			
1,740	TON	AGGREGATE BASE COURSE			
500	TON	INCIDENTAL STONE BASE			
1,040	GAL	PRIME COAT			
500	SY	INCIDENTAL MILLING			
4,900	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
4,705	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
4,790	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
720	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
225	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
530	CY	SUBDRAIN EXCAVATION			
400	CY	SUBDRAIN FINE AGGREGATE			
2,327	LF	6" PERFORATED SUBDRAIN PIPE			
72	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
5	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
30	LF	6" OUTLET PIPE (SUBDRAINS)			
1.5	CY	PIPE COLLARS			
0.5	CY	PIPE PLUGS			
44	EA	MASONRY DRAINAGE STRUCTURES			
7	LF	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH GRATE, STD 840.24			
6	EA	FRAME WITH TWO GRATES, STD 840.16			
5	EA	FRAME WITH TWO GRATES, STD 840.24			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			

2	EA	GENERIC UTILITY ITEM BREAK DOWN & REBUILD EXISTING MANHOLE
5,620	LF	TEMPORARY SILT FENCE
585	TON	STONE FOR EROSION CONTROL, CLASS A
1,515	TON	STONE FOR EROSION CONTROL, CLASS B
910	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
75	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
3,320	CY	SILT EXCAVATION
1,850	SY	MATting FOR EROSION CONTROL
551	SY	PERMANENT SOIL REINFORCEMENT MAT
980	LF	1/4" HARDWARE CLOTH
260	LF	*** TEMPORARY PIPE (18")
100	CY	STILLING BASINS
3	EA	SPECIAL STILLING BASINS
5.5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
4	TON	FERTILIZER TOPDRESSING
75	LF	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
30	EA	RESPONSE FOR EROSION CONTROL
1,060	LF	SIGNAL CABLE
9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
655	LF	MESSENGER CABLE (3/8")
170	LF	UNPAVED TRENCHING (***** (1, 2")
2	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	WOOD POLE
2	EA	GUY ASSEMBLY
275	LF	INDUCTIVE LOOP SAWCUT
580	LF	LEAD-IN CABLE (***** (18-2)
4	EA	METAL STRAIN SIGNAL POLE
4	EA	SOIL TEST
24	CY	DRILLED PIER FOUNDATION
3	EA	SIGN FOR SIGNALS

308	LF	18" RC PIPE CULVERTS, CLASS III
240	LF	24" RC PIPE CULVERTS, CLASS III
164	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (12", 0.064")
364	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
408	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")
336	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24", 0.064")

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+12.30 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (23+12.30 -L-)
84	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
123.5	CY	CLASS A CONCRETE (CULVERT)
15,072	LB	REINFORCING STEEL (CULVERT)

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

480	LF	12" RC PIPE CULVERTS, CLASS III
2,232	LF	15" RC PIPE CULVERTS, CLASS III
716	LF	18" RC PIPE CULVERTS, CLASS III
576	LF	24" RC PIPE CULVERTS, CLASS III
		*** OR ***
316	LF	12" RC PIPE CULVERTS, CLASS III
1,868	LF	15" RC PIPE CULVERTS, CLASS III
308	LF	18" RC PIPE CULVERTS, CLASS III
240	LF	24" RC PIPE CULVERTS, CLASS III
164	LF	***" HDPE PIPE CULVERTS (12")
364	LF	***" HDPE PIPE CULVERTS (15")
408	LF	***" HDPE PIPE CULVERTS (18")
336	LF	***" HDPE PIPE CULVERTS (24")
		*** OR ***
316	LF	12" RC PIPE CULVERTS, CLASS III
1,868	LF	15" RC PIPE CULVERTS, CLASS III

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 009

CONTRACT ID : C201633 40247.3.1

DIV OFFICE GREENSBORO

LENGTH = 3.603 MI

COUNTY : GUILFORD

PAVEMENT REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : NOV 02 2007

I-85/40 FROM EAST OF SR-3000 (MP-131) TO WEST OF NC-61.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
11,817	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
234,864	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
28,606	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
1,578	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
59,240	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
8	EA	GENERIC DRAINAGE ITEM ADJUSTMENT OF GRATES AND/OR FRAMES ON DROP INLETS
4	EA	GENERIC DRAINAGE ITEM REPAIR OF DROP INLETS
1,300	SF	WORK ZONE SIGNS (STATIONARY)
288	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	FLASHING ARROW PANELS, TYPE C
3	EA	CHANGEABLE MESSAGE SIGN
600	EA	DRUMS
24	LF	BARRICADES (TYPE III)
3	EA	TMA
66,220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
15,791	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
331	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,052	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
39	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
7	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
66,220	LF	PAINT PAVEMENT MARKING LINES (6")
1,201	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
100	LF	UNPAVED TRENCHING (***** (1, 2")
2	EA	JUNCTION BOX (STANDARD SIZE)
900	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE (***** (18-2)
100	LF	LEAD-IN CABLE (***** (18-4)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 010

CONTRACT ID : C201704 8CR.10471.6

DIV OFFICE ABERDEEN

LENGTH = 15.270 MI

COUNTY : HOKE

SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : OCT 31 2007

US-401 NB FROM US-401 BUS TO CUMBERLAND CO LINE, 1 SECTION OF NC-211 & 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
27	TON	INCIDENTAL STONE BASE
18.08	SMI	SHOULDER RECONSTRUCTION
976	SY	INCIDENTAL MILLING
10,996	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
9,980	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
660	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
599	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
133,225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
68,511	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
927	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
241	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
74,236	LF	PAINT PAVEMENT MARKING LINES (4")
1,142	EA	PERMANENT RAISED PAVEMENT MARKERS
13.15	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 011

CONTRACT ID : C201703 8CR.10531.6

DIV OFFICE ABERDEEN

LENGTH = 11.050 MI

COUNTY : LEE

MILLING, SHLDER CONSTRUCTION & RECONSTRUCTION & RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 31 2007

US-421 FROM NC-42 TO SR-1580 AND 2 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
50	TON	INCIDENTAL STONE BASE
6.14	SMI	SHOULDER CONSTRUCTION
13.96	SMI	SHOULDER RECONSTRUCTION
14,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
574	SY	INCIDENTAL MILLING
2,380	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
2,275	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
11,510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,615	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
900	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
217	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2	EA	ADJUSTMENT OF DROP INLETS
1	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
139,854	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
128,122	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
1,453	EA	PERMANENT RAISED PAVEMENT MARKERS
15	ACR	SEEDING & MULCHING
1,400	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 012

CONTRACT ID : C201705 8CR.10631.6

DIV OFFICE ABERDEEN

LENGTH = 24.890 MI

COUNTY : MOORE

SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : OCT 31 2007

NC-73 FROM NC-211 TO MONTGOMERY CO, NC-2 FROM CONC ISLAND AT TRAFFIC CIRCLE TO NC-22 & 11
SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
149	TON	INCIDENTAL STONE BASE
12.2	SMI	SHOULDER RECONSTRUCTION
1,236	SY	INCIDENTAL MILLING
33,933	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,036	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
19	EA	ADJUSTMENT OF MANHOLES
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
139,082	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
38,396	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
295	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
519,357	LF	PAINT PAVEMENT MARKING LINES (4")
1,069	EA	PERMANENT RAISED PAVEMENT MARKERS
9	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 013

CONTRACT ID : C201710 8CR.10771.6

DIV OFFICE ABERDEEN

LENGTH = 15.100 MI

COUNTY : RICHMOND

MILLING, SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 31 2007

6 SECTIONS OF US-74 BUS & 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
965	TON	INCIDENTAL STONE BASE
30.5	SMI	SHOULDER RECONSTRUCTION
13,850	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3,100	SY	INCIDENTAL MILLING
2,200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,565	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,335	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,080	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
740	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
861	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
310	TON	PATCHING EXISTING PAVEMENT
600	LF	2'-6" CONCRETE CURB & GUTTER
3	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
18	EA	CONCRETE WHEELCHAIR RAMPS
17	EA	ADJUSTMENT OF CATCH BASINS
23	EA	ADJUSTMENT OF MANHOLES
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
118,355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
52	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
505	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
26	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
129	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
142,200	LF	PAINT PAVEMENT MARKING LINES (4")
2,065	EA	PERMANENT RAISED PAVEMENT MARKERS
23.5	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 014

CONTRACT ID : C201702 8CR.20191.6

DIV OFFICE ABERDEEN

LENGTH = 12.700 MI

COUNTY : CHATHAM

SHOULDER RECONSTRUCTION, & RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : OCT 31 2007

4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
215	TON	INCIDENTAL STONE BASE
25.4	SMI	SHOULDER RECONSTRUCTION
765	SY	INCIDENTAL MILLING
10,820	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,855	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
649	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
411	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
440	TON	PATCHING EXISTING PAVEMENT
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
106,524	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
65,340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
48,608	LF	PAINT PAVEMENT MARKING LINES (4")
838	EA	PERMANENT RAISED PAVEMENT MARKERS
20.42	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 015

CONTRACT ID : C201645 40893.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 3.588 MI

COUNTY : FORSYTH

PAVEMENT REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : SEP 30 2007

I-40 FROM WESTGATE CENTER DR TO US-421 & I-40 BUS (JAMESTOWN RD) WEST OF WINSTON-SALEM.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
6,889	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 4")
21,309	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
12,544	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,001	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
753	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
12	TON	PATCHING EXISTING PAVEMENT
37,885	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
640	EA	DRUMS
2	EA	TMA
37,884	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
8,685	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
7,590	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
44	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
10	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
46,569	LF	PAINT PAVEMENT MARKING LINES (6")
7,590	LF	PAINT PAVEMENT MARKING LINES (12")
290	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 016

CONTRACT ID : C201697 10CR.10601.10

DIV OFFICE ALBEMARLE

LENGTH = 19.640 MI

COUNTY : MECKLENBURG

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : AUG 31 2007

4 SECTIONS OF US-21, 2 SECTIONS OF NC-51 & NC-27, 1 SECTION OF NC-160, NC-115, & NC-218, & 10 SECTIONS OF SECONDARY RDS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
420	TON	INCIDENTAL STONE BASE
1.9	SMI	SHOULDER CONSTRUCTION
24.98	SMI	SHOULDER RECONSTRUCTION
200	LF	DITCHING
166,534	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,470	SY	INCIDENTAL MILLING
850	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
39,622	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,325	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
37	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,660	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
5,500	TON	PATCHING EXISTING PAVEMENT
175	SY	6" CONCRETE DRIVEWAY
13	EA	ADJUSTMENT OF MANHOLES
26	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
165,932	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
224,582	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
4,100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,050	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
3,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
68	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
212	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
51,042	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	PAINT PAVEMENT MARKING LINES (16")
2,000	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARAC- TER
46	EA	PAINT PAVEMENT MARKING SYMBOL
2,432	EA	PERMANENT RAISED PAVEMENT MARKERS
100	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
18.2	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 017

CONTRACT ID : C201701 10CR.10841.10

DIV OFFICE ALBEMARLE

LENGTH = 11.070 MI

COUNTY : STANLY

MILLING, RESURFACING, SHLDR CONSTR & SHLDR RECONSTR.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : AUG 31 2007

2 SECTIONS OF US-52, 1 SECTION OF NC-49, 1 SECTION OF NC-73, 1 SECTION OF NC-205 & 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
603	TON	INCIDENTAL STONE BASE
10.08	SMI	SHOULDER CONSTRUCTION
9.28	SMI	SHOULDER RECONSTRUCTION
35,223	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
10,701	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
1,430	SY	INCIDENTAL MILLING
3,595	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
4,134	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
14,444	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,407	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
350	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,024	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,839	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
18	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
107,816	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
81,898	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
401	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
35	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
58,456	LF	PAINT PAVEMENT MARKING LINES (4")
1,025	EA	PERMANENT RAISED PAVEMENT MARKERS
17.8	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 018

CONTRACT ID : C201595 34799.3.2

DIV OFFICE SHELBY

LENGTH = 4.642 KM

COUNTY : GASTON

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

DBE GOAL 9.0% COMPLETION DATE : OCT 15 2009

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

ROADWAY ITEMS				
			1	M3 PIPE PLUGS
			37	M3 FLOWABLE FILL
			188	EA MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	MOBILIZATION	14	M3 MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CONSTRUCTION SURVEYING	20	M MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	26	EA FRAME WITH TWO GRATES, STD 840.16
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	6	EA FRAME WITH TWO GRATES, STD 840.24
12,000	M3	UNCLASSIFIED EXCAVATION	22	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+54.729)	56	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
6,000	M3	UNDERCUT EXCAVATION	61	EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
500	MTN	CLASS IV SUBGRADE STABILIZATION	7	EA FRAME WITH COVER, STD 840.54
72,000	M3	BORROW EXCAVATION	2	EA STEEL FRAME WITH TWO GRATES, STD 840.37
970	M3	DRAINAGE DITCH EXCAVATION	135	M *** X ****MM CONCRETE CURB (200MM X 300MM)
160	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	9,000	M 750MM CONCRETE CURB & GUTTER
5,100	M2	REMOVAL OF EXISTING CONCRETE PAVEMENT	10,700	M2 100MM CONCRETE SIDEWALK
7,000	M3	SELECT GRANULAR MATERIAL	1,040	M2 CONCRETE WHEELCHAIR RAMPS
7,000	M2	FABRIC FOR SOIL STABILIZATION	1,650	M2 150MM CONCRETE DRIVEWAY
410	M2	TEMPORARY SHORING - BARRIER SUPPORTED	205	M2 125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
1,650	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	50	M2 125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
45.6	M	375MM SIDE DRAIN PIPE	1,143	M STEEL BM GUARDRAIL
86.4	M	1800MM RC PIPE CULVERTS, CLASS III	137.16	M STEEL BM GUARDRAIL, SHOP CURVED
33.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	2	EA STEEL BM GUARDRAIL TERMINAL SECTIONS
10.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	10	EA ADDITIONAL GUARDRAIL POSTS
36	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	6	EA GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	17	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	5	EA GUARDRAIL ANCHOR UNITS, TYPE III
54	M	***** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (1650MM, 4.27MM)	12	EA GUARDRAIL ANCHOR UNITS, TYPE 350
1,430	M	PIPE REMOVAL	490	M REMOVE EXISTING GUARDRAIL
Lump Sum	LS	FINE GRADING	65	M CHAIN LINK FENCE, ****MM FABRIC (1500MM)
1,000	KG	SEALING EXISTING PAVEMENT CRACKS	17	EA METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1500MM)
500	MTN	STABILIZER AGGREGATE	2	EA METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1500MM)
900	MTN	AGGREGATE BASE COURSE	239	M CHAIN LINK FENCE RESET
200	MTN	INCIDENTAL STONE BASE	38	M GENERIC FENCING ITEM 750MM RAIL FENCE RESET
1,550	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (38MM)	120	MTN PLAIN RIP RAP, CLASS I
2,000	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (55MM)	40	MTN PLAIN RIP RAP, CLASS B
355	M2	INCIDENTAL MILLING	1,350	M2 FILTER FABRIC FOR DRAINAGE
2,500	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	959	M SUPPORTS, 4.5KG STEEL U-CHANNEL
23,000	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	11	EA SIGN ERECTION, TYPE D
1,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	129	EA SIGN ERECTION, TYPE E
20,000	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	35	EA SIGN ERECTION, TYPE F
2,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	EA RELOCATE SIGN, TYPE ***** (D)
20,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	125	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2,267	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA DISPOSAL OF SUPPORT, U-CHANNEL
1,200	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	137	M2 WORK ZONE SIGNS (STATIONARY)
525	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	42	M2 WORK ZONE SIGNS (PORTABLE)
21	M3	REINFORCED ENDWALLS	6	M2 WORK ZONE SIGNS (BARRICADE MOUNTED)
1.5	M3	PIPE COLLARS	2	EA FLASHING ARROW PANELS, TYPE C
			2	EA WARNING FLAG SETS
			900	EA DRUMS
			100	EA CONES

			293	M	150MM DI WATER PIPE, CLASS ***** WP (CLASS 51, 2.41MPA WP)
325	M	BARRICADES (TYPE III)	510.3	M	200MM DI WATER PIPE, CLASS ***** WP (CLASS 51, 2.41MPA WP)
500	MD	FLAGGER	731.7	M	300MM DI WATER PIPE, CLASS ***** WP (CLASS 51, 2.41MPA WP)
4	EA	TEMPORARY CRASH CUSHIONS	2.4	M	***MM DI RESTRAINED JOINT WATER PIPE, CLASS ***** WP (300MM, CLASS 52, 1.38 MPA WP)
9	EA	RESET TEMPORARY CRASH CUSHIONS	450	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP
570	M	PORTABLE CONCRETE BARRIER	950.4	M	20MM COPPER WATER PIPE, TYPE K
500	M	RESET PORTABLE CONCRETE BARRIER	106.2	M	25MM COPPER WATER PIPE, TYPE K
17	EA	TUBULAR MARKERS (FIXED)	64	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP
584	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)	11,043	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
1,366	EA	TEMPORARY RAISED PAVEMENT MARKERS	80	EA	20MM CORPORATION STOP
182	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)	8	EA	25MM CORPORATION STOP
39,521	M	PAINT PAVEMENT MARKING LINES (100MM)	4	EA	50MM CORPORATION STOP
558	M	PAINT PAVEMENT MARKING LINES (200MM)	1	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (50MM, 1.38MPA WP)
1,040	M	PAINT PAVEMENT MARKING LINES (600MM)	25	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
16	EA	PAINT PAVEMENT MARKING CHARACTER	8	EA	200MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)
238	EA	PAINT PAVEMENT MARKING SYMBOL	14	EA	300MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)
23,546	M	POLYUREA PAVEMENT MARKING LINES (100MM)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (200MM X 150MM, 1.38MPA WP)
380	M	POLYUREA PAVEMENT MARKING LINES (200MM)	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (200MM X 200MM, 1.38MPA WP)
60	M	POLYUREA PAVEMENT MARKING LINES (400MM)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (300MM X 300MM, 1.38MPA WP)
2,365	M	POLYUREA PAVEMENT MARKING LINES (600MM)	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (400MM X 150MM, 1.38MPA WP)
4	EA	POLYUREA PAVEMENT MARKING CHARACTER	5	EA	*** X ***MM TAPPING SADDLE (150MM X 20MM)
170	EA	POLYUREA PAVEMENT MARKING SYMBOL	1	EA	*** X ***MM TAPPING SADDLE (150MM X 50MM)
2,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	49	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)
915	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	EA	*** X ***MM TAPPING SADDLE (200MM X 25MM)
5	EA	2.1M U-CHANNEL POSTS	2	EA	*** X ***MM TAPPING SADDLE (200MM X 50MM)
5	EA	OBJECT MARKERS (END OF ROAD)	18	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)
3	EA	30.5M HIGH MOUNT STANDARD	7	EA	*** X ***MM TAPPING SADDLE (300MM X 25MM)
1	EA	PORTABLE DRIVE UNIT	2	EA	*** X ***MM TAPPING SADDLE (300MM X 50MM)
14	M3	HIGH MOUNT FOUNDATIONS	8	EA	*** X ***MM TAPPING SADDLE (400MM X 20MM)
1	EA	ELECTRIC SERVICE POLES *** ***** (9.1M CLASS 4)	1	EA	200MM TRANSITION COUPLING, ***** (DI TO AC)
30.5	M	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE IN TS2 C)	1	EA	300MM TRANSITION COUPLING, ***** (DI TO AC)
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)	1	EA	400MM TRANSITION COUPLING, ***** (DI TO AC)
42	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2)	86	EA	RELOCATE EXISTING WATER METER
83	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2)	4	EA	RELOCATE EXISTING ***MM WATER METER & METER VAULT (50MM)
20	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS3)	3	EA	REMOVE EXISTING WATER METER
83	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS4)	1	EA	FIRE HYDRANT, ***MPA WP (1.03 MPA WP)
257	M	**#8 W/G FEEDER CIRCUIT (2)	23	EA	RELOCATE EXISTING FIRE HYDRANT
378	M	**#4 W/G FEEDER CIRCUIT (2)	1	EA	***MM LINE STOP ASSEMBLY (400MM)
131	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	272	M	***MM PVC SEWER PIPE, SDR ** (100MM, SDR 21)
191	M	***#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	55	M	***MM PVC SEWER PIPE, SDR ** (150MM, SDR 21)
7	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	12	M	***MM PVC FORCE MAIN SEWER PIPE, ***** (150MM, C900, DR 18, 1.03MPA WP)
18	EA	GENERIC LIGHTING ITEM HIGH MOUNT LUMINAIRES, 750W HPS, MCV, WITH GLARE SHIELDS	355	M	***MM DI SEWER PIPE, CLASS *** (200MM, CLASS 51)
262	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)	36	M	***MM DI SEWER PIPE, CLASS *** (500MM, CLASS 51)
262	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)			
120	MTN	PAVEMENT REPAIR FOR UTILITY WORK			
189	M	***MM DI WATER PIPE, CLASS ***** WP (400MM, CLASS 51 2.41MPA WP)			

			3,400	MTN	SEDIMENT CONTROL STONE
			8	HA	TEMPORARY MULCHING
			300	KG	SEED FOR TEMPORARY SEEDING
136	KG	DUCTILE IRON SEWER PIPE FITTINGS, 1.72MPA MIN WP	2.5	MTN	FERTILIZER FOR TEMPORARY SEEDING
46	EA	SANITARY SEWER CLEAN-OUT	225	M	TEMPORARY SLOPE DRAINS
8	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	8	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1	EA	1500MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	300	M	SAFETY FENCE
7.5	M	PRECAST CONC MANHOLE WALL, *****MM DIA, OVER 1.8M HT (1200MM)	22,825	M3	SILT EXCAVATION
6.2	M	PRECAST CONC MANHOLE WALL, *****MM DIA, OVER 1.8M HT (1500MM)	7,500	M2	MATTING FOR EROSION CONTROL
0.81	M	SEWER MANHOLE OUTSIDE DROP ASSEMBLY	270	M2	COIR FIBER MAT
13	M	FILL OR REMOVE ABANDONED *****MM PIPE, ***** (150MM, AC WATER PIPE)	1,140	M	6.4MM HARDWARE CLOTH
352	M	FILL OR REMOVE ABANDONED *****MM PIPE, ***** (200MM CI WATER PIPE)	7.5	HA	SEEDING & MULCHING
96	M	FILL OR REMOVE ABANDONED *****MM PIPE, ***** (200MM, AC WATER PIPE)	4.5	HA	MOWING
304	M	FILL OR REMOVE ABANDONED *****MM PIPE, ***** (200MM, TCP SEWER PIPE)	100	KG	SEED FOR REPAIR SEEDING
616	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (AC WATER PIPE)	0.5	MTN	FERTILIZER FOR REPAIR SEEDING
69	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (CI WATER PIPE)	200	KG	SEED FOR SUPPLEMENTAL SEEDING
150	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (AC WATER PIPE)	12	MTN	FERTILIZER TOPDRESSING
18	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (CI WATER PIPE)	18	M	IMPERVIOUS DIKE
23.3	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER PIPE)	10	HR	SPECIALIZED HAND MOWING
1	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE	3	EA	GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER, 50.8MM
15	EA	BREAK DOWN & REBUILD EXISTING MANHOLE	1	EA	GENERIC EROSION CONTROL ITEM FAIRCLOTH SKIMMER, 63.5MM
1	EA	GENERIC UTILITY ITEM 150MM FLAP VALVE	36	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
6	EA	GENERIC UTILITY ITEM 200MM TRANSITION COUPLING, DI TO TC	12	EA	PEDESTRIAN SIGNAL HEAD (*****MM, ** SECTION) (400MM, 1 SECTION WITH COUNT-DOWN)
30	EA	GENERIC UTILITY ITEM CUT IN SANITARY SEWER CLEAN OUT	5,605	M	SIGNAL CABLE
10	EA	GENERIC UTILITY ITEM RELOCATE EXISTING SANITARY SEWER CLEAN OUT	91	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
35	M	GENERIC UTILITY ITEM 400MM STEEL ENCASEMENT PIPE, 6.3MM THICK, BY BORING & JACKING IN SOIL	7	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)
35	M	GENERIC UTILITY ITEM 400MM STEEL ENCASEMENT PIPE, 6.3MM THICK, BY BORING & JACKING NOT IN SOIL	32	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
35	M	GENERIC UTILITY ITEM 600MM STEEL ENCASEMENT PIPE, 6.3MM THICK, BY BORING & JACKING IN SOIL	3,900	M	MESSENGER CABLE (6.35MM)
35	M	GENERIC UTILITY ITEM 600MM STEEL ENCASEMENT PIPE, 6.3MM THICK, BY BORING & JACKING NOT IN SOIL	965	M	MESSENGER CABLE (9.52MM)
35	M	GENERIC UTILITY ITEM 750MM STEEL ENCASEMENT PIPE, 8.0MM THICK, BY BORING & JACKING IN SOIL	500	M	TRACER WIRE
35	M	GENERIC UTILITY ITEM 750MM STEEL ENCASEMENT PIPE, 8.0MM THICK, BY BORING & JACKING NOT IN SOIL	210	M	TRENCHING (PAVED)
Lump Sum	LS	GENERIC UTILITY ITEM WGP-TRANSCO / REMOVAL OF PIPE-LINE CASINGS	2,060	M	TRENCHING (UNPAVED)
3,510	M	TEMPORARY SILT FENCE	170	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT) (50MM, 1)
1,575	MTN	STONE FOR EROSION CONTROL, CLASS A	710	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, *****MM (** CONDUIT) (50MM, 2)
3,880	MTN	STONE FOR EROSION CONTROL, CLASS B	62	EA	JUNCTION BOX (STANDARD SIZE)
			28	EA	JUNCTION BOX (OVER-SIZED)
			25	EA	WOOD POLE
			87	EA	GUY ASSEMBLY
			4	EA	25MM RISER WITH WEATHERHEAD
			28	EA	50MM RISER WITH WEATHERHEAD
			19	EA	50MM RISER WITH HEAT SHRINK TUBING
			4,765	M	INDUCTIVE LOOP SAWCUT
			10,250	M	LEAD-IN CABLE
			1	EA	MICROWAVE VEHICLE DETECTOR
			2,200	M	COMMUNICATIONS CABLE (**FIBER) (12)
			3,500	M	COMMUNICATIONS CABLE (**FIBER) (24)
			9	EA	INTERCONNECT CENTER
			19	EA	DELINEATOR MARKER
			1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
			1	EA	FURNISH FIBER-OPTIC POWER METER
			1	EA	FURNISH OPTICAL LIGHT GENERATOR
			1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
			1	EA	FIBER-OPTIC SPLICE CABINET (BASE MOUNTED)
			24	EA	SOIL TEST
			2	EA	SIGNAL PEDESTAL WITH FOUNDATION
			21	EA	SIGN FOR SIGNALS
			12	EA	LED BLANKOUT SIGN
			9	EA	SIGNAL CABINET FOUNDATION
			8	EA	CABINET BASE ADAPTER
			8	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			82	EA	DETECTOR CARD (TYPE 2070L)
			8	EA	GENERIC SIGNAL ITEM FIBER-OPTIC TRANSCEIVER, SELF HEALING RING
			24	EA	GENERIC SIGNAL ITEM MAST ARM WITH METAL POLE DESIGN

				380.3	M2	REINFORCED CONCRETE DECK SLAB
				1,259.9	M2	GROOVING BRIDGE FLOORS
				64.1	M3	CLASS A CONCRETE (BRIDGE)
5	EA	GENERIC SIGNAL ITEM METAL POLE WITH DUAL MAST ARM		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+57.612 -L-)
19	EA	GENERIC SIGNAL ITEM METAL POLE WITH SINGLE MAST ARM		12,404	KG	REINFORCING STEEL (BRIDGE)
147	M3	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1220MM DIA)		3,427	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (51+20 -L-)		60,400	LS	APPROX KG STRUCTURAL STEEL
				108	M	HP310X79 STEEL PILES
				139.078	M	TWO BAR METAL RAIL
				144.8	M	*** X ****MM CONCRETE PARAPET (810MM X 355MM)
				901	M2	100MM SLOPE PROTECTION
				1,148	M2	CLASS I, SURFACE PREPARATION
				23	M2	CLASS II, SURFACE PREPARATION
3,420	M	375MM RC PIPE CULVERTS, CLASS III		92	M3	LATEX MODIFIED CONC OVERLAY
651.6	M	450MM RC PIPE CULVERTS, CLASS III		1,130	M2	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
823.2	M	600MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	SELF-LUBRICATING EXPANSION BEARING ASSEMBLIES
259.2	M	750MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	ELASTOMERIC BEARINGS
8.4	M	900MM RC PIPE CULVERTS, CLASS III		Lump Sum	LS	EVAZOTE JOINT SEALS
				Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (20+57.612 -L-)
						***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
						*** OR ***
1,435.2	M	375MM RC PIPE CULVERTS, CLASS III				
334.8	M	450MM RC PIPE CULVERTS, CLASS III				
111.6	M	600MM RC PIPE CULVERTS, CLASS III				
75.6	M	750MM RC PIPE CULVERTS, CLASS III				
1,984.8	M	GENERIC PIPE ITEM 375MM HDPE PIPE CULVERTS				
316.8	M	GENERIC PIPE ITEM 450MM HDPE PIPE CULVERTS				
711.6	M	GENERIC PIPE ITEM 600MM HDPE PIPE CULVERTS				
183.6	M	GENERIC PIPE ITEM 750MM HDPE PIPE CULVERTS				
8.4	M	GENERIC PIPE ITEM 900MM HDPE PIPE CULVERTS				
						*** OR ***
1,435.2	M	375MM RC PIPE CULVERTS, CLASS III				
334.8	M	450MM RC PIPE CULVERTS, CLASS III				
111.6	M	600MM RC PIPE CULVERTS, CLASS III				
75.6	M	750MM RC PIPE CULVERTS, CLASS III				
1,984.8	M	GENERIC PIPE ITEM 400MM ALUMINIZED CS PIPE CUL- VERTS, 1.63MM THICK				
316.8	M	GENERIC PIPE ITEM 450MM ALUMINIZED CS PIPE CUL- VERTS, 1.63MM THICK				
711.6	M	GENERIC PIPE ITEM 600MM ALUMINIZED CS PIPE CUL- VERTS, 1.63MM THICK				
183.6	M	GENERIC PIPE ITEM 800MM ALUMINIZED CS PIPE CUL- VERTS, 2.01MM THICK				
8.4	M	GENERIC PIPE ITEM 900MM ALUMINIZED CS PIPE CUL- VERTS, 2.01MM THICK				

*** END SCHEDULE AA ***

WALL ITEMS

195.124	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALL
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STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+57.612 -L-)
86.6	M	1066MM DIA DRILLED PIERS IN SOIL
13	M	PERMANENT STEEL CASING FOR 1066MM DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 019

CONTRACT ID : C201208 35604.3.2

DIV OFFICE SHELBY

LENGTH = 1.994 MI

COUNTY : IREDELL

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : JUL 15 2009

INTERSECTION OF I-77 AND SR-1102 (LANGTREE RD).

		ROADWAY ITEMS			
			27,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5D
			575	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			1,330	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
			75	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
			39,740	LF	MILLED RUMBLE STRIPS
			6,278	LF	SHOULDER DRAIN
			6,278	LF	4" SHOULDER DRAIN PIPE
			142	LF	4" OUTLET PIPE (SHOULDER DRAINS)
			6	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
			8.4	CY	ENDWALLS
			10.434	CY	PIPE COLLARS
			1.242	CY	PIPE PLUGS
			111	EA	MASONRY DRAINAGE STRUCTURES
			72	LF	MASONRY DRAINAGE STRUCTURES
			5	EA	FRAME WITH GRATE, STD 840.22
			7	EA	FRAME WITH GRATE, STD 840.24
			6	EA	FRAME WITH TWO GRATES, STD 840.16
			7	EA	FRAME WITH TWO GRATES, STD 840.20
			57	EA	FRAME WITH TWO GRATES, STD 840.22
			24	EA	FRAME WITH TWO GRATES, STD 840.24
			10	EA	FRAME WITH COVER, STD 840.54
			6	EA	CONCRETE APRON FOR DROP INLETS
			2	EA	*** SLUICE GATE (30")
			Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS SPILL RETENTION BASIN
			2,615	LF	SHOULDER BERM GUTTER
			2,250	LF	CONCRETE EXPRESSWAY GUTTER
			2,400	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1	EA	ADJUSTMENT OF DROP INLETS
			9,750	LF	STEEL BM GUARDRAIL
			5	EA	ADDITIONAL GUARDRAIL POSTS
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			22	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			19,700	LF	REMOVE & RESET EXISTING GUARDRAIL
			6,450	LF	REMOVE EXISTING GUARDRAIL
			5,370	LF	WOVEN WIRE FENCE, 47" FABRIC
			340	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
			90	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
			7,775	LF	CHAIN LINK FENCE, 48" FABRIC
			630	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			40	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			1,160	LF	ADDITIONAL BARBED WIRE
			150	TON	PLAIN RIP RAP, CLASS I
			725	TON	PLAIN RIP RAP, CLASS A
			460	TON	PLAIN RIP RAP, CLASS B
			2,450	SY	FILTER FABRIC FOR DRAINAGE
			1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			5	CY	REINFORCED CONCRETE SIGN FOOTINGS
			2	CY	PLAIN CONCRETE SIGN FOOTINGS
			4,185	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			644	LB	SUPPORTS, SIMPLE STEEL BEAM
			1,423	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			4	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
90,320	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+99.70)			
4,400	CY	UNDERCUT EXCAVATION			
3,600	TON	CLASS IV SUBGRADE STABILIZATION			
112,510	CY	BORROW EXCAVATION			
2	EA	EMBANKMENT SETTLEMENT GAUGES			
620	CY	DRAINAGE DITCH EXCAVATION			
300	LF	BERM DITCH CONSTRUCTION			
54,230	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
1,500	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
25	HR	PROOF ROLLING			
1,000	CY	SELECT GRANULAR MATERIAL			
6,800	SY	FABRIC FOR SOIL STABILIZATION			
700	SF	TEMPORARY SHORING			
300	TON	SELECT MATERIAL, CLASS ***** (IV)			
270	TON	SELECT MATERIAL, CLASS ***** (VI)			
1,065	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
244	LF	15" SIDE DRAIN PIPE			
120	LF	18" SIDE DRAIN PIPE			
1,040	LF	15" RC PIPE CULVERTS, CLASS III			
5,402	LF	18" RC PIPE CULVERTS, CLASS III			
1,284	LF	24" RC PIPE CULVERTS, CLASS III			
404	LF	30" RC PIPE CULVERTS, CLASS III			
384	LF	36" RC PIPE CULVERTS, CLASS III			
192	LF	42" RC PIPE CULVERTS, CLASS III			
24	LF	48" RC PIPE CULVERTS, CLASS III			
1	EA	60"X 36" RC PIPE TAPERED INLET, CLASS III			
436	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
344	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
160	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
22	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
8	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
148	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (30", 0.5")			
619	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
1,000	TON	STABILIZER AGGREGATE			
100	TON	INCIDENTAL STONE BASE			
6,512	GAL	PRIME COAT			
45,855	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
11,985	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
12,150	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D			
13,960	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			

			9,498	LF	PAINT PAVEMENT MARKING LINES (12")
			484	LF	PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (A AT STA 60+00)	64	EA	PAINT PAVEMENT MARKING CHARACTER
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (B AT STA 72+00)	204	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (C AT STA 87+00)	40,415	LF	POLYUREA PAVEMENT MARKING LINES (4")
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (D AT STA 94+50)	67,876	LF	POLYUREA PAVEMENT MARKING LINES (6")
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (E AT STA 109+00)	84	LF	POLYUREA PAVEMENT MARKING LINES (8")
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (F AT STA 119+00)	2,850	LF	POLYUREA PAVEMENT MARKING LINES (12")
			310	LF	POLYUREA PAVEMENT MARKING LINES (24")
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY AT STA ***** (F AT STA 119+00)	44	EA	POLYUREA PAVEMENT MARKING CHARACTER
			110	EA	POLYUREA PAVEMENT MARKING SYMBOL
6	EA	SIGN ERECTION, TYPE D	92,804	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
55	EA	SIGN ERECTION, TYPE E			
11	EA	SIGN ERECTION, TYPE F	2,620	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	25	EA	PERMANENT RAISED PAVEMENT MARKERS
			1,644	EA	SNOWPLOWABLE PAVEMENT MARKERS
5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	1	EA	PORTABLE DRIVE UNIT
			1	EA	ELECTRIC SERVICE POLES *** ***** (30', CLASS 4)
4	EA	SIGN ERECTION, MILEMARKERS	260	LF	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE, 2"C)
Lump Sum	LS	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (A AT STA 60+00)	545	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")
Lump Sum	LS	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (B AT STA 72+00)	331	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (3")
Lump Sum	LS	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (C AT STA 87+00)	56	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (6")
Lump Sum	LS	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (D AT STA 94+50)	296	LF	** #8 W/G FEEDER CIRCUIT (2)
Lump Sum	LS	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (E AT STA 109+00)	387	LF	** #6 W/G FEEDER CIRCUIT (2)
Lump Sum	LS	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (F AT STA 119+00)	1,904	LF	** #2 W/G FEEDER CIRCUIT (2)
4	EA	RELOCATE SIGN, TYPE ***** (A)	1,568	LF	** #8 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5" C)
1	EA	RELOCATE SIGN, TYPE ***** (D)	1,440	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5" C)
3	EA	DISPOSAL OF SUPPORT, STEEL BEAM	2,739	LF	** #2 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5" C)
4	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	16	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
28	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	Lump Sum	LS	PORTABLE LIGHTING
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD	57.2	CY	GENERIC LIGHTING ITEM
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL			HIGH MOUNT FOUNDATIONS
4	EA	DISPOSAL OF SIGN, MILEMARKER	225	LF	GENERIC LIGHTING ITEM ELECTRICAL DUCT, TYPE JA, SIZE 3"
1,240	SF	WORK ZONE SIGNS (STATIONARY)	327	LF	GENERIC LIGHTING ITEM ELECTRICAL DUCT, TYPE JA, SIZE 4"
775	SF	WORK ZONE SIGNS (PORTABLE)	60	LF	GENERIC LIGHTING ITEM ELECTRICAL DUCT, TYPE JA, SIZE 6"
172	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	4	EA	GENERIC LIGHTING ITEM 100' HIGH MOUNT STANDARD
2	EA	FLASHING ARROW PANELS, TYPE C	4	EA	GENERIC LIGHTING ITEM 120' HIGH MOUNT STANDARD
2	EA	CHANGEABLE MESSAGE SIGN	56	EA	GENERIC LIGHTING ITEM HM LUMINAIRE HPS (750 WATT, 480 VOLT AC)
375	EA	DRUMS	2	EA	GENERIC LIGHTING ITEM LIGHTING CONTROL EQUIPMENT, TYPE RW (240/480 VOLT AC)
375	EA	CONES	421	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (V1)
372	LF	BARRICADES (TYPE III)	421	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
440	MD	FLAGGER	43	LF	6" DI WATER PIPE, PC 350
4	EA	TEMPORARY CRASH CUSHIONS	2,450	LF	12" DI WATER PIPE, PC 350
2	EA	RESET TEMPORARY CRASH CUSHIONS	1,564	LF	*** PVC WATER PIPE, SDR ***** (3", SDR 21)
6	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	1,529	LF	6" PVC WATER PIPE, SDR ***** (SDR 21)
20,633	LF	PORTABLE CONCRETE BARRIER			
300	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
38,860	LF	RESET PORTABLE CONCRETE BARRIER			
2,427	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")			
84	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (8")			
1,728	EA	TEMPORARY RAISED PAVEMENT MARKERS			
110,630	LF	PAINT PAVEMENT MARKING LINES (4")			
307,556	LF	PAINT PAVEMENT MARKING LINES (6")			
200	LF	PAINT PAVEMENT MARKING LINES (8")			

3,090 LB DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
 1 EA *** GATE VALVE & VALVE BOX, *****WP (3", 200#WP)
 2 EA 6" GATE VALVE & VALVE BOX, 200# WP
 2 EA 12" GATE VALVE & VALVE BOX, *****WP (200#WP)
 1 EA RELOCATE EXISTING FIRE HYDRANT
 2,374 LF FILL OR REMOVE ABANDONED 12" PIPE, ***** (DI WATER)
 4,200 LF TEMPORARY SILT FENCE
 300 TON STONE FOR EROSION CONTROL, CLASS A
 3,745 TON STONE FOR EROSION CONTROL, CLASS B
 2,335 TON SEDIMENT CONTROL STONE
 70.5 ACR TEMPORARY MULCHING
 2,500 LB SEED FOR TEMPORARY SEEDING
 10 TON FERTILIZER FOR TEMPORARY SEEDING
 1,700 LF TEMPORARY SLOPE DRAINS
 37 EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
 425 LF SAFETY FENCE
 30,900 CY SILT EXCAVATION
 20,200 SY MATTING FOR EROSION CONTROL
 2,000 LF 1/4" HARDWARE CLOTH
 76.5 ACR SEEDING & MULCHING
 42 ACR MOWING
 600 LB SEED FOR REPAIR SEEDING
 1.5 TON FERTILIZER FOR REPAIR SEEDING
 1,675 LB SEED FOR SUPPLEMENTAL SEEDING
 57.25 TON FERTILIZER TOPDRESSING
 16.5 HR SPECIALIZED HAND MOWING
 1 ACR REFORESTATION
 16 EA GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
 2,150 LF SIGNAL CABLE
 17 EA VEHICLE SIGNAL HEAD (12", 3 SECTION)
 840 LF MESSENGER CABLE (3/8")
 2,570 LF TRENCHING (UNPAVED)
 190 LF DIRECTIONAL DRILL POLYETHYLENE CONDUIT, ***** (** CONDUIT) (2", 2)
 10 EA JUNCTION BOX (STANDARD SIZE)
 5 EA JUNCTION BOX (OVER-SIZED)
 1,930 LF INDUCTIVE LOOP SAWCUT
 2,390 LF LEAD-IN CABLE
 1,900 LF COMMUNICATIONS CABLE (**FIBER) (12)
 2 EA INTERCONNECT CENTER
 4 EA DELINEATOR MARKER
 1 EA FURNISH FIBER-OPTIC RESTORATION KIT
 1 EA FURNISH FIBER-OPTIC POWER ME-TER
 1 EA FURNISH OPTICAL LIGHT GENERA-TOR
 1 EA FURNISH FIBER-OPTIC TRANSCIV-ER
 8 EA SOIL TEST
 11 EA SIGN FOR SIGNALS
 2 EA SIGNAL CABINET FOUNDATION
 2 EA CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
 10 EA DETECTOR CARD (TYPE 2070L)
 2 EA GENERIC SIGNAL ITEM CABINET BASE EXTENDER
 2 EA GENERIC SIGNAL ITEM FIBER-OPTIC TRANCEIVER, SELF-HEALING RING
 8 EA GENERIC SIGNAL ITEM METAL STRAIN SIGNAL POLE
 48 CY GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (42" DIA)

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

68,120 TON AGGREGATE BASE COURSE
 3,375 TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

*** OR ***

56,570 TON AGGREGATE BASE COURSE
 6,930 TON ASPHALT CONC BASE COURSE, TYPE B25.0B
 3,675 TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

*** END SCHEDULE AA ***

CULVERT ITEMS

3.7 CY CLASS A CONCRETE (CULVERT)
 201 LB REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE AT STATION ***** (46+79.71 -L-)
 Lump Sum LS FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 46+79.71 -L-)
 1,763 CY UNCLASSIFIED STRUCTURE EXCAVA-TION
 27,010 SF REINFORCED CONCRETE DECK SLAB
 31,794 SF GROOVING BRIDGE FLOORS
 453.4 CY CLASS A CONCRETE (BRIDGE)
 Lump Sum LS BRIDGE APPROACH SLABS, STATION ***** (46+79.71 -L-)
 59,575 LB REINFORCING STEEL (BRIDGE)
 3,726 LB SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
 889,800 LS APPROX LBS STRUCTURAL STEEL
 2,875 LF HP12X53 STEEL PILES
 1,400 LF HP14X73 STEEL PILES
 40 EA STEEL PILE POINTS
 579 LF TWO BAR METAL RAIL
 596.36 LF 1'-***X ***** CONCRETE PARA-PET (1'-2" X 2'-6")
 1,195 SY 4" SLOPE PROTECTION
 Lump Sum LS POT BEARINGS
 Lump Sum LS ELASTOMERIC BEARINGS
 Lump Sum LS EVAZOTE JOINT SEALS
 1 EA GENERIC STRUCTURE ITEM PDA ASSISTANCE
 1 EA GENERIC STRUCTURE ITEM PDA TESTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 020

CONTRACT ID : C201706 12CR.10181.3

DIV OFFICE SHELBY

LENGTH = 16.870 MI

COUNTY : CATAWBA

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 15 2007

NC-16 FROM NC-10 TO SR-1007, AND 13 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,720	TON	INCIDENTAL STONE BASE
10.24	SMI	SHOULDER RECONSTRUCTION
79,600	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
3,000	SY	INCIDENTAL MILLING
1,261	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
25,355	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,926	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,831	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,105	TON	PATCHING EXISTING PAVEMENT
6	EA	ADJUSTMENT OF CATCH BASINS
28	EA	ADJUSTMENT OF DROP INLETS
96	EA	ADJUSTMENT OF MANHOLES
101	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
14,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
237	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
497,750	LF	PAINT PAVEMENT MARKING LINES (4")
96	LF	PAINT PAVEMENT MARKING LINES (24")
190	EA	PERMANENT RAISED PAVEMENT MARKERS
935	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 021

CONTRACT ID : C201707 12CR.10231.4

DIV OFFICE SHELBY

LENGTH = 17.200 MI

COUNTY : CLEVELAND

MILLING, SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : OCT 01 2007

1 SECTION OF NC-150, 1 SECTION OF NC-161, 1 SECTION OF NC-180, 1 SECTION OF NC-226 & 16 SECTIONS OF SECONDARY RDS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,170	TON	INCIDENTAL STONE BASE
11.52	SMI	SHOULDER RECONSTRUCTION
22,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,800	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5")
1,800	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")
24,000	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1-1/2" TO 3")
1,970	SY	INCIDENTAL MILLING
542	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
21,008	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,678	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,261	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
1,391	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
73	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,966	TON	PATCHING EXISTING PAVEMENT
65	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S12.5C (LEVELING COURSE)
1	EA	CONCRETE WHEELCHAIR RAMPS
3	EA	ADJUSTMENT OF CATCH BASINS
19	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
63,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
77,765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
210	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
507	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
50	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
51	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
299,982	LF	PAINT PAVEMENT MARKING LINES (4")
1,335	EA	SNOWPLOWABLE PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 022

CONTRACT ID : C201708 12CR.10361.5

DIV OFFICE SHELBY

LENGTH = 15.430 MI

COUNTY : GASTON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : NOV 15 2007

2 SECTIONS OF NC-274, 1 SECTION OF US-29/74, US-321, NC-161, & NC-279, AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
420	TON	INCIDENTAL STONE BASE
9.96	SMI	SHOULDER RECONSTRUCTION
4,650	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
4,650	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5")
11,620	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")
16,000	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
33,790	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (1-1/2" TO 3")
4,750	SY	INCIDENTAL MILLING
1,460	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
20,357	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,328	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
95	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
4,103	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
1,376	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
358	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,528	TON	PATCHING EXISTING PAVEMENT
38,000	SY	ASPHALT SURFACE TREATMENT, MAT & SEAL
205	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S12.5C (LEVELING COURSE)
5	EA	CONCRETE WHEELCHAIR RAMPS
2	EA	ADJUSTMENT OF CATCH BASINS
5	EA	ADJUSTMENT OF DROP INLETS
71	EA	ADJUSTMENT OF MANHOLES
39	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
62,279	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
81,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
912	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,349	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
133	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
229,245	LF	PAINT PAVEMENT MARKING LINES (4")
90	LF	PAINT PAVEMENT MARKING LINES (8")
1,383	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L070116 023

CONTRACT ID : C201709 12CR.10551.4

DIV OFFICE SHELBY

LENGTH = 8.080 MI

COUNTY : LINCOLN

MILLING, SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : OCT 01 2007

2 SECTIONS OF NC-27 & 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
600	TON	INCIDENTAL STONE BASE
2.66	SMI	SHOULDER RECONSTRUCTION
63,680	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 3")
444	SY	INCIDENTAL MILLING
1,044	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
12,582	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,736	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
907	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,924	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF CATCH BASINS
1	EA	ADJUSTMENT OF DROP INLETS
20	EA	ADJUSTMENT OF MANHOLES
21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
27,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
908	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
102	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
228,100	LF	PAINT PAVEMENT MARKING LINES (4")
510	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L070116 024

CONTRACT ID : C201222 32877.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.151 KM

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEP 15 2008

BRIDGE OVER BROAD RIVER AND APPROACHES ON SR-2804 & CULVERT ON SAND BRANCH CREEK AND APPROACHES ON SR-2786.

ROADWAY ITEMS				
		22	M2	WORK ZONE SIGNS (PORTABLE)
		9	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
		1	EA	WARNING FLAG SETS
Lump Sum	LS	100	EA	DRUMS
Lump Sum	LS	100	EA	CONES
Lump Sum	LS	35	M	BARRICADES (TYPE III)
		90	MD	FLAGGER
Lump Sum	LS	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
0.4	HA	105	M	WATER FILLED BARRIER
		105	M	RESET WATER FILLED BARRIER
500	M3	22	EA	TEMPORARY RAISED PAVEMENT MARKERS
450	MTN	327	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
		338	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
100	M3	16	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
500	M3	4,154	M	PAINT PAVEMENT MARKING LINES (100MM)
500	M2	13	M	PAINT PAVEMENT MARKING LINES (600MM)
500	M2	6	EA	SNOWFLOWABLE PAVEMENT MARKERS
		125	M	TEMPORARY SILT FENCE
35	MTN	250	MTN	STONE FOR EROSION CONTROL, CLASS A
		150	MTN	STONE FOR EROSION CONTROL, CLASS B
		610	MTN	SEDIMENT CONTROL STONE
12	M	1	HA	TEMPORARY MULCHING
52.8	M	50	KG	SEED FOR TEMPORARY SEEDING
		0.25	MTN	FERTILIZER FOR TEMPORARY SEEDING
13.2	M	180	M	SAFETY FENCE
		215	M3	SILT EXCAVATION
18	M	240	M2	MATTING FOR EROSION CONTROL
		410	M	6.4MM HARDWARE CLOTH
4	EA	12	EA	SPECIAL STILLING BASINS
		1	HA	SEEDING & MULCHING
3	EA	0.5	HA	MOWING
		25	KG	SEED FOR REPAIR SEEDING
9.4	M	0.25	MTN	FERTILIZER FOR REPAIR SEEDING
770	MTN	25	KG	SEED FOR SUPPLEMENTAL SEEDING
240	MTN	1.25	MTN	FERTILIZER TOPDRESSING
2,800	L	43	M	IMPERVIOUS DIKE
128	MTN	2	HR	SPECIALIZED HAND MOWING
		0.05	HA	REFORESTATION
470	MTN	8	EA	GENERIC EROSION CONTROL ITEM RESPONSE FOR EROSION CONTROL
		300	M	SIGNAL CABLE
33	MTN	4	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
		20	M	MESSENGER CABLE (9.52MM)
38	EA	275	M	TRENCHING (UNPAVED)
28	M3	4	EA	WOOD POLE
21	M3	4	EA	GUY ASSEMBLY
50	M	1	EA	25MM RISER WITH WEATHERHEAD
		2	EA	50MM RISER WITH WEATHERHEAD
5	EA	95	M	INDUCTIVE LOOP SAWCUT
		280	M	LEAD-IN CABLE
1	EA	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
		1	EA	DETECTOR CARD (TYPE 2070L)
2	M			***** BEGIN SCHEDULE AA *****
1	EA			***** (3 ALTERNATES) *****
4.8	M	25.2	M	600MM RC PIPE CULVERTS, CLASS III
1	EA			*** OR ***
1	EA	10.8	M	600MM RC PIPE CULVERTS, CLASS III
9	EA			
0.3	M			
9	EA			
130	M			
21	M2			
205.74	M			
41.91	M			
5	EA			
2	EA			
2	EA			
1	EA			
7	EA			
200	MTN			
8	MTN			
709	M2			
44	M2			

14.4	M	GENERIC PIPE ITEM 600MM HDPE PIPE CULVERTS *** OR ***
10.8	M	600MM RC PIPE CULVERTS, CLASS III
14.4	M	GENERIC PIPE ITEM 600MM ALUMINIZED CS PIPE CULVERTS, 1.63MM THICK

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+49.900 -L2-)
35	M3	CLASS A CONCRETE (CULVERT)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINF CONC THREE-SIDED CULVERT AT STA 10+49.900-L2-

WALL ITEMS

93.9	M2	GENERIC RETAINING WALL ITEM PILE/PANEL RETAINING WALL
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STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (10+34.500 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (10+34.500 -L-)
10.6	M	PILE EXCAVATION IN SOIL
2	M	PILE EXCAVATION NOT IN SOIL
12.4	M	1066MM DIA DRILLED PIERS IN SOIL
6	M	1066MM DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (10+34.500 -L-)
416.6	M2	REINFORCED CONCRETE DECK SLAB
383.3	M2	GROOVING BRIDGE FLOORS
63.3	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (10+34.500 -L-)
10,123	KG	REINFORCING STEEL (BRIDGE)
600	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
66,400	LS	APPROX KG STRUCTURAL STEEL
12.6	M	HP310X79 STEEL PILES
78.73	M	CONCRETE BARRIER RAIL
255	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
284	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

L070220 001

CONTRACT ID : C201581 32649.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.520 MI

COUNTY : CRAVEN

GRADING, DRAINAGE, PAVING, SIGNAL, & STRUCTURE.

DBE GOAL 2.0% COMPLETION DATE : NOV 01 2009

BRIDGE OVER TRENT RIVER & APPROACHES ON US-70B.

ROADWAY ITEMS					
			1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			417	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			279	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			104	LF	SUPPORTS, WOOD
			5	EA	SIGN ERECTION, TYPE D
			25	EA	SIGN ERECTION, TYPE E
			2	EA	SIGN ERECTION, TYPE F
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			1	EA	SIGN ERECTION, RELOCATE, TYPE *** (GROUND MOUNTED) (D)
			1	EA	DISPOSAL OF SUPPORT, WOOD
			2	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			21	EA	DISPOSAL OF SIGN SYSTEM, WOOD
			1	EA	DISPOSAL OF SIGN, D, E OR F
			3	EA	GENERIC SIGNING ITEM ERECT BRIDGE MOUNTED OUTRIGGER SIGN SUPPORT ASSEMBLY FOR TYPE E SIGN
			483	SF	WORK ZONE SIGNS (STATIONARY)
			12	SF	WORK ZONE SIGNS (PORTABLE)
			68	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			1	EA	FLASHING ARROW PANELS, TYPE C
			5	EA	CHANGEABLE MESSAGE SIGN
			50	EA	DRUMS
			176	LF	BARRICADES (TYPE III)
			60	MD	FLAGGER
			30	EA	SKINNY DRUM
			150	EA	TUBULAR MARKERS (FIXED)
			9,658	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
			200	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
			580	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (III)
			140	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
			90	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (III)
			13	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)
			545	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			15	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			66	EA	SNOWPLOWABLE PAVEMENT MARKERS
			316	LF	*** WATER LINE (1-1/2")
			302	LF	4" SANITARY GRAVITY SEWER
			310	LF	ABANDON *** UTILITY PIPE (1")
			Lump Sum	LS	GENERIC UTILITY ITEM 1-1/2" WATER LINE BRIDGE ATTACHMENT
			Lump Sum	LS	GENERIC UTILITY ITEM 4" SEWER LINE BRIDGE ATTACHMENT
			1,800	LF	TEMPORARY SILT FENCE
			50	TON	STONE FOR EROSION CONTROL, CLASS A
			30	TON	STONE FOR EROSION CONTROL, CLASS B
			20	TON	SEDIMENT CONTROL STONE
			1.5	ACR	TEMPORARY MULCHING
			50	LB	SEED FOR TEMPORARY SEEDING
			0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			50	LF	TEMPORARY SLOPE DRAINS
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (27+01.00)			
Lump Sum	LS	GRADING			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	200	CY			UNDERCUT EXCAVATION
	100	CY			SELECT GRANULAR MATERIAL
	100	SY			FABRIC FOR SOIL STABILIZATION
Lump Sum	LS	GENERIC GRADING ITEM VIBRATION MONITORING			
	39	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	144	LF			15" RC PIPE CULVERTS, CLASS III
	30	LF			18" RC PIPE CULVERTS, CLASS III
	1	EA			PIPE CLEAN-OUT
	100	TON			INCIDENTAL STONE BASE
	420	SY			INCIDENTAL MILLING
	780	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	705	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	675	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	110	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	23	CY			SUBDRAIN EXCAVATION
	17	CY			SUBDRAIN FINE AGGREGATE
	100	LF			6" PERFORATED SUBDRAIN PIPE
	3	EA			6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
	1	EA			CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	6	LF			6" OUTLET PIPE (SUBDRAINS)
	2	EA			MASONRY DRAINAGE STRUCTURES
	0.8	LF			MASONRY DRAINAGE STRUCTURES
	2	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
Lump Sum	LS	GENERIC DRAINAGE ITEM CATCH BASIN CLEANOUT (STA 38+20 LT)			
Lump Sum	LS	GENERIC DRAINAGE ITEM LEVEL SPREADER			
	1,220	LF			2'-6" CONCRETE CURB & GUTTER
	450	SY			4" CONCRETE SIDEWALK
	5	EA			CONCRETE WHEELCHAIR RAMPS
	80	SY			5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
	2	EA			IMPACT ATTENUATOR UNIT, TYPE 350
	112.5	LF			STEEL BM GUARDRAIL
	5	EA			ADDITIONAL GUARDRAIL POSTS
	1	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	1	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	7.5	TON			RIP RAP, CLASS A
	150	SY			FILTER FABRIC FOR DRAINAGE
	51	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (A)
	53.67	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (D)
	149.75	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (E)
	16	SF			CONTRACTOR FURNISHED, TYPE *** SIGN (F)

			1,244,334	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
			173,816	LB	EPOXY COATED SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	6,499.5	LF	54" PRESTRESSED CONCRETE GIRDERS
200	LF	SAFETY FENCE	1,002,527	LS	APPROX LBS STRUCTURAL STEEL
50	CY	SILT EXCAVATION	880	LF	HP12X53 STEEL PILES
550	SY	MATTING FOR EROSION CONTROL	16	EA	PILE REDRIVES
100	LF	1/4" HARDWARE CLOTH	505	TON	RIP RAP, CLASS ** (1)
2.5	ACR	SEEDING & MULCHING	560	SY	FILTER FABRIC FOR DRAINAGE
1	ACR	MOWING	Lump Sum	LS	ELASTOMERIC BEARINGS
50	LB	SEED FOR REPAIR SEEDING	Lump Sum	LS	EVAZOTE JOINT SEALS
0.25	TON	FERTILIZER FOR REPAIR SEEDING	Lump Sum	LS	GENERIC STRUCTURE ITEM BARRIER GATES
50	LB	SEED FOR SUPPLEMENTAL SEEDING	Lump Sum	LS	GENERIC STRUCTURE ITEM BASCULE PIER WATER & SEWER
1.25	TON	FERTILIZER TOPDRESSING	Lump Sum	LS	GENERIC STRUCTURE ITEM BIRD PROTECTION
2	HR	SPECIALIZED HAND MOWING	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE CONTROL SYSTEM
8	EA	RESPONSE FOR EROSION CONTROL	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE ELECTRICAL UTILITIES
0.1	ACR	REFORESTATION	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE HVAC
1,000	LF	SIGNAL CABLE	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE & PIER ELECTRICAL WORK
2	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE PLUMBING
5	EA	BACKPLATE	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE/ELECTRICAL ROOM-ARCHITECTURAL/GENERAL CONSTRUCTION
820	LF	UNPAVED TRENCHING (***** (1, 2"))	Lump Sum	LS	GENERIC STRUCTURE ITEM CONTROL HOUSE/ELECTRICAL ROOM-STRUCTURE
340	LF	DIRECTIONAL DRILL (***** (2, 2"))	Lump Sum	LS	GENERIC STRUCTURE ITEM DRAWBRIDGE AHEAD SIGNS
10	EA	JUNCTION BOX (STANDARD SIZE)	Lump Sum	LS	GENERIC STRUCTURE ITEM LIGHTNING PROTECTION SYSTEM
370	LF	INDUCTIVE LOOP SAWCUT	Lump Sum	LS	GENERIC STRUCTURE ITEM OPERATION & MAINTENANCE MANUALS, LUBRICATION CHART, & TRAINING
1,220	LF	LEAD-IN CABLE (***** (18-2))	Lump Sum	LS	GENERIC STRUCTURE ITEM PIER ACCESS WAYS
4	EA	METAL POLE WITH SINGLE MAST ARM	Lump Sum	LS	GENERIC STRUCTURE ITEM PIER PROTECTION FENDERING
4	EA	SOIL TEST	Lump Sum	LS	GENERIC STRUCTURE ITEM RACEWAY & WIRING
36	CY	DRILLED PIER FOUNDATION	Lump Sum	LS	GENERIC STRUCTURE ITEM ROADWAY LIGHTING
4	EA	MAST ARM WITH METAL POLE DESIGN	Lump Sum	LS	GENERIC STRUCTURE ITEM SPAN DRIVE MACHINERY
7	EA	SIGN FOR SIGNALS	Lump Sum	LS	GENERIC STRUCTURE ITEM SPAN LOCK MACHINERY
8	EA	GENERIC SIGNAL ITEM POLYCARBONATE VEHICLE SIGNAL HEAD (12", 3 SECTION)	Lump Sum	LS	GENERIC STRUCTURE ITEM STANDBY GENERATOR
2	EA	GENERIC SIGNAL ITEM POLYCARBONATE VEHICLE SIGNAL HEAD (12", 5 SECTION)	Lump Sum	LS	GENERIC STRUCTURE ITEM STARTUP SERVICES
WALL ITEMS					
1,472.79	SF	GRAVITY RETAINING WALLS			
345.2	LF	GENERIC RETAINING WALL ITEM PEDESTRIAN RAILING			
STRUCTURE ITEMS					
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (31+21.29 -L-APP)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (31+21.29 -L-APP)			
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (13, 31+21.29 -L-BSC)			
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (14, 31+21.29 -L-BSC)			
720	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER	2,088	LF	GENERIC STRUCTURE ITEM 3'-6" DIA DRILLED PIERS
2,939.27	LF	PERMANENT STEEL CASING FOR 4'-0" DIA DRILLED PIER	5,114	LF	GENERIC STRUCTURE ITEM 4'-0" DIA DRILLED PIERS
1	EA	PDA TESTING	3,432.86	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
1	EA	PDA ASSISTANCE	196	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL (SAND LIGHTWEIGHT)
34	EA	SID INSPECTION	74	CY	GENERIC STRUCTURE ITEM CLASS AA CONCRETE, WHITE
31	EA	SPT TESTING	312	CY	GENERIC STRUCTURE ITEM COUNTERWEIGHT CONCRETE (HEAVY WEIGHT)
10	EA	CROSSHOLE SONIC LOGGING	1,202	EA	GENERIC STRUCTURE ITEM BALANCE BLOCKS, CAST IRON
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (31+21.29-L-APP)			
58,324	SF	REINFORCED CONCRETE DECK SLAB			
7,072	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)			
46,930	SF	GROOVING BRIDGE FLOORS			
3,619.2	CY	CLASS AA CONCRETE (BRIDGE)			
1,466	CY	CLASS S CONCRETE (SEAL)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+21.29 -L-APP)			

