



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

LYNDO TIPPETT
SECRETARY

May 14, 2004

NOTICE TO: All Prequalified Contractors

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

Re: Project Special Provision for
Contractor Borrow Source

Effective with the June 15, 2004 formal highway letting, the attached Project Special Provision for *Contractor Borrow Source* will be included in proposals with potential borrow sources.

This provision was developed with input from the U.S. Army Corps of Engineers. Please review the Project Special Provision for your information.

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

RAG/ns
Attachment

CONTRACTOR BORROW SOURCE

07-20-04

Revise the *2002 Standard Specifications* as follows:

Page 2-17, Article 230-4(C) Contractor Furnished Sources, add the following;

If the Contractor proposes a borrow source, the environmental assessment shall include wetland and stream delineation extending 400 feet beyond the proposed borrow source limits.

1. If wetlands or streams are present within 400 feet of the borrow source and the contractor proposes to dewater:
 - a. Submit a hydrologic analysis (DRAINMOD or equivalent) to determine if excavation, pump frequency/duration/volume will permanently impact or cause degradation to wetlands or streams. The analysis shall consist of, but not be limited to:

Required buffer width to avoid long term impacts to wetlands or stream

Return interval to pre-existing hydrologic conditions after pit excavation and dewatering is completed.
 - b. Attach a conservation easement specifying that the completed pit impoundment, upon returning to mean water table elevation, shall not be drained, ditched, used for irrigation, or any other manner that would degrade wetlands and streams.
 - c. Provide copy of recorded conservation easement to Engineer prior to commencement of any work on proposed pit.
2. If wetlands or streams are not present within 400 feet, no additional documentation will be required.

During Department review of the proposed borrow area, the hydrologic analysis will be submitted to the U. S. Army Corps of Engineers for evaluation.

SP1G111




STATE OF NORTH CAROLINA
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LYNDO TIPPETT
SECRETARY

March 23, 2004

NOTICE TO: Plan Holders
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Copies of Invoices Needed with Payment

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

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

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

TELEPHONE: 919-250-4124
FAX: 919-250-4127
WEBSITE: WWW.DOH.DOT.STATE.NC.US

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




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 20, 2004

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

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

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

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

http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srv/contracts/letting.htm

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

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

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

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

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

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

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

WEBSITE: WWW.DOH.DOT.STATE.NC.US

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

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

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

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

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

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

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm

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

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

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

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

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

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO : PLANS AND PROPOSALS, DESIGN SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS JUNE 22, 2004.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

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

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

Bid Letting Number L040720

RPN	Contract Id	WBS	County	Length	JobType
001	C200887	32874.3.1	BRUNSWICK	0.232 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C200838	33352.3.1	WAKE	0.265 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C200890	33190.3.1	GRANVILLE	0.215 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
004	C200896	35011.3.2	DURHAM	0.373 MI	WIDENING, GRADING, DRAINAGE, PAVING AND CURB & GUTTER.
005	C201066	37422.3.1	DURHAM	22.000 MI	ITS.
006	C201237	36988	WAKE	1.346 MI	GRADING, RESURFACING & PAVEMENT MARKINGS.
007	C201239	34632.3.1	ORANGE	3.659 MI	WEIGH STATION UPGRADE.
008	C200888	32996.2.2	FORSYTH	0.171 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
009	C201240	32692.3.1	STOKES	0.149 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C200997	36982.3.1	BUNCOMBE, MCDOWELL	6.800 MI	INTELLIGENT TRAFFIC SYSTEM.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 001

CONTRACT ID : C200887 32874.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.232 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : MAR 01 2005

BRIDGE OVER TOWN CREEK AND APPROACHES ON NC-133.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+20.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
500	CY	UNDERCUT EXCAVATION
60	CY	DRAINAGE DITCH EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
35	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
124	LF	15" RC PIPE CULVERTS, CLASS III
160	LF	24" RC PIPE CULVERTS, CLASS III
40	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064" THICK)
4	EA	***" BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064" THICK)
169	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
335	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
325	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
390	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
54	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
105	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
675	LF	SHOULDER BERM GUTTER
662.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
440	LF	REMOVE EXISTING GUARDRAIL
80	TON	PLAIN RIP RAP, CLASS B
330	SY	FILTER FABRIC FOR DRAINAGE
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	WARNING FLAG SETS
10	EA	DRUMS
10	EA	CONES
96	LF	BARRICADES (TYPE III)
2,196	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,196	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
14	EA	PERMANENT RAISED PAVEMENT MARKERS
1,275	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
215	TON	STONE FOR EROSION CONTROL, CLASS B
95	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
75	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
350	CY	SILT EXCAVATION
1,350	SY	MATTING FOR EROSION CONTROL
120	LF	1/4" HARDWARE CLOTH

125	SY	FLOATING TURBIDITY CURTAIN
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+20.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+20.00 -L-)
140.6	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+20.00 -L-)
20,116	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
675	LF	12" PRESTRESSED CONC PILES
3,020	LF	20" PRESTRESSED CONC PILES
52	EA	STEEL PILE TIPS
599.72	LF	CONCRETE BARRIER RAIL
452	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
502	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
3,591.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 002

CONTRACT ID : C200838 33352.3.1

DIV OFFICE DURHAM

LENGTH = 0.265 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER TOM CREEK & APPROACHES ON SR-2044.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
50	TON	GENERIC MISCELLANEOUS ITEM ROCKS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+53.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
600	CY	UNDERCUT EXCAVATION
192	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
90	SF	TEMPORARY SHORING
25	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
76	LF	15" RC PIPE CULVERTS, CLASS III
104	LF	18" RC PIPE CULVERTS, CLASS III
72	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
980	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,330	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
950	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
167	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
35	EA	RIGHT OF WAY MARKERS
50	CY	SUBDRAIN EXCAVATION
40	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	CY	PIPE COLLARS
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, DETAIL 840.**** (840.24)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
530	LF	2'-6" CONCRETE CURB & GUTTER
5	EA	ADDITIONAL GUARDRAIL POSTS
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350, WEATHERING STEEL)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1, WEATHERING STEEL)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, WEATHERING STEEL)
550	LF	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL (WEATHERING STEEL W/ WOOD POSTS)
50	LF	GENERIC GUARDRAIL ITEM STEEL BM GUARDRAIL, SHOP CURV- ED (WEATHERING STEEL W/WOOD POSTS)
18	TON	PLAIN RIP RAP, CLASS I
168	TON	PLAIN RIP RAP, CLASS A
31	TON	PLAIN RIP RAP, CLASS B
560	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
23.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)

52	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE E
12	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
506	SF	WORK ZONE SIGNS (STATIONARY)
200	EA	DRUMS
50	EA	CONES
158	LF	BARRICADES (TYPE III)
170	MD	FLAGGER
56	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,234	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,177	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
67	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
15,956	LF	PAINT PAVEMENT MARKING LINES (4")
1,984	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
67	EA	PERMANENT RAISED PAVEMENT MARKERS
1,150	LF	TEMPORARY SILT FENCE
175	TON	STONE FOR EROSION CONTROL, CLASS A
550	TON	STONE FOR EROSION CONTROL, CLASS B
180	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
115	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,400	CY	SILT EXCAVATION
530	SY	SYNTHETIC ROVING
1,034	SY	MATTING FOR EROSION CONTROL
135	SY	COIR FIBER MAT
140	LF	1/4" HARDWARE CLOTH
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
1	ACR	REFORESTATION
0.35	ACR	STREAMBANK REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+53.00-L-)
3,638	SF	REINFORCED CONCRETE DECK SLAB
2,491	SF	GROOVING BRIDGE FLOORS
66.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+53.00-L-)
11,398	LB	REINFORCING STEEL (BRIDGE)
78,200	LS	APPROX LBS STRUCTURAL STEEL
528	LF	HP12X53 STEEL PILES
120.15	LF	THREE BAR METAL RAIL
600	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
665	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

Lump Sum LS EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 003

CONTRACT ID : C200890 33190.3.1

DIV OFFICE DURHAM

LENGTH = 0.215 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER KNAP OF REED'S CREEK & APPROACHES ON SR-1120.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+10.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
9	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
32	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
30	TON	INCIDENTAL STONE BASE
550	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
77	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
10	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
1	EA	ADJUSTMENT OF MANHOLES
562.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	PLAIN RIP RAP, CLASS B
600	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
44.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
94	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
9	EA	SIGN ERECTION, TYPE E
17	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
414	SF	WORK ZONE SIGNS (STATIONARY)
343	SF	WORK ZONE SIGNS (PORTABLE)
126	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
8	EA	WARNING FLAG SETS
30	EA	CONES
120	LF	BARRICADES (TYPE III)
160	HR	FLAGGER
20	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
17,050	LF	PAINT PAVEMENT MARKING LINES (4")
150	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING SYMBOL
450	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")

2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
30	EA	PERMANENT RAISED PAVEMENT MARKERS
625	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
30	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
565	CY	SILT EXCAVATION
1,250	SY	MATTING FOR EROSION CONTROL
75	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
170	SY	FLOATING TURBIDITY CURTAIN
10	EA	SPECIAL STILLING BASINS
2	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
500	LF	GENERIC EROSION CONTROL ITEM SAFETY FENCE
1,220	LF	SIGNAL CABLE
9	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2	EA	VEHICLE SIGNAL HEAD WITH SINGLE OPTICALLY-PROGRAMMED SECTION
620	LF	MESSANGER CABLE (3/8")
880	LF	TRENCHING (UNPAVED)
9	EA	JUNCTION BOX (STANDARD SIZE)
7	EA	WOOD POLE
12	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
6	EA	2" RISER WITH WEATHERHEAD
950	LF	INDUCTIVE LOOP SAWCUT
1,930	LF	LEAD-IN CABLE
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
4	EA	DETECTOR CARD (TYPE 2070L)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+10.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+10.00 -L-)
40	LF	3'-6" DIA DRILLED PIERS IN SOIL
50	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
53.1	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	CROSSHOLE SONIC LOGGING
420	LF	CSL TUBES
654	CY	UNCLASSIFIED STRUCTURE EXCAVATION

100.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+10.00 -L)
25,835	LB	REINFORCING STEEL (BRIDGE)
3,052	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
400	LF	HP12X53 STEEL PILES
341	LF	CONCRETE BARRIER RAIL
473	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
525	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,216.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 004

CONTRACT ID : C200896 35011.3.2

DIV OFFICE DURHAM

LENGTH = 0.373 MI

COUNTY : DURHAM

WIDENING, GRADING, DRAINAGE, PAVING AND CURB & GUTTER.

DBE GOAL 10.0% COMPLETION DATE : OCT 10 2005

NC-98 (HOLLOWAY ST) FROM EAST OF US-70 TO EAST OF JUNCTION RD IN DURHAM.

ROADWAY ITEMS

			570	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			30	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			2	EA	ADJUSTMENT OF CATCH BASINS
			22	EA	ADJUSTMENT OF MANHOLES
			3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			25	LF	CHAIN LINK FENCE, 48" FABRIC
			2	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			2	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			10	TON	PLAIN RIP RAP, CLASS B
			255	SY	FILTER FABRIC FOR DRAINAGE
			78.58	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
			165.65	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
			120.81	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
			865	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			6	EA	SIGN ERECTION, TYPE D
			31	EA	SIGN ERECTION, TYPE E
			6	EA	SIGN ERECTION, TYPE F
			8	EA	RELOCATE SIGN, TYPE ***** (E)
			30	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			7	EA	DISPOSAL OF SUPPORT, U-CHANNEL
			436	SF	WORK ZONE SIGNS (STATIONARY)
			240	SF	WORK ZONE SIGNS (PORTABLE)
			88	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			2	EA	WARNING FLAG SETS
			130	EA	DRUMS
			110	EA	CONES
			174	LF	BARRICADES (TYPE II)
			96	LF	BARRICADES (TYPE III)
			180	MD	FLAGGER
			35	EA	TUBULAR MARKERS (FIXED)
			650	LF	GENERIC TRAFFIC CONTROL ITEM DEPARTMENT FURNISHED WATER-FILLED BARRIER
			2	EA	GENERIC TRAFFIC CONTROL ITEM DEPARTMENT FURNISHED CMS'S
			266	EA	TEMPORARY RAISED PAVEMENT MARKERS
			325	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			5,423	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			53	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			1,185	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
			172	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
			402	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
			37	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			41,021	LF	PAINT PAVEMENT MARKING LINES (4")
			475	LF	PAINT PAVEMENT MARKING LINES (8")
			946	LF	PAINT PAVEMENT MARKING LINES (16")
			1,472	LF	PAINT PAVEMENT MARKING LINES (24")
			52	EA	PAINT PAVEMENT MARKING CHARACTER
			78	EA	PAINT PAVEMENT MARKING SYMBOL
			6,792	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
Lump Sum	LS	MOBILIZATION			
100	LF	GENERIC MISCELLANEOUS ITEM STEEL PIPE HANDRAIL FOR RETAINING WALL			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
1,500	CY	UNDERCUT EXCAVATION			
325	TON	CLASS IV SUBGRADE STABILIZATION			
2	CY	DRAINAGE DITCH EXCAVATION			
500	CY	SELECT GRANULAR MATERIAL			
500	SY	FABRIC FOR SOIL STABILIZATION			
245	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
1,036	LF	15" RC PIPE CULVERTS, CLASS III			
60	LF	18" RC PIPE CULVERTS, CLASS III			
1,160	LF	24" RC PIPE CULVERTS, CLASS III			
48	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
1,200	LF	PIPE REMOVAL			
500	LB	SEALING EXISTING PAVEMENT CRACKS			
500	TON	STABILIZER AGGREGATE			
179	TON	AGGREGATE BASE COURSE			
75	TON	INCIDENTAL STONE BASE			
5,320	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (2-1/2" TO 3")			
2,750	SY	INCIDENTAL MILLING			
1,885	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
2,160	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
3,365	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
385	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
550	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
36	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)			
3	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
1	CY	PIPE COLLARS			
1	CY	PIPE PLUGS			
36	EA	MASONRY DRAINAGE STRUCTURES			
9	EA	FRAME WITH TWO GRATES, STD 840.16			
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
4	EA	FRAME WITH COVER, STD 840.54			
2	EA	CONCRETE APRON FOR DROP INLETS			
70	CY	CONCRETE RETAINING WALLS			
305	LF	***X *** CONCRETE CURB (8" x 18")			
4,350	LF	2'-6" CONCRETE CURB & GUTTER			
1,790	SY	4" CONCRETE SIDEWALK			
155	SY	CONCRETE WHEELCHAIR RAMPS			
400	SY	6" CONCRETE DRIVEWAY			

			60	LF	DRILLED PIER FOUNDATION (** DIA) (48")
			3	EA	FOUNDATION WITH WING WALLS (TYPE *) (TYPE 2)
593	LF	REMOVAL OF PAVEMENT MARKING LINES (8")			
244	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
	12	EA			REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
170	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
	13	TON			FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)
	13	TON			BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
	13	TON			PAVEMENT REPAIR FOR UTILITY WORK
	65	LF			6" DI WATER PIPE, PC 350
	48	LF			**" DI RESTRAINED JOINT WATER PIPE, CLASS ***** (12", CLASS 50, 350# WP)
2,054	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP			
	335	LF			3/4" COPPER WATER PIPE, TYPE K
	10	LF			1" COPPER WATER PIPE, TYPE K
350	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP			
	1	EA			6" GATE VALVE & VALVE BOX, 200# WP
	2	EA			RELOCATE EXISTING FIRE HYDRANT
	3	EA			GENERIC UTILITY ITEM INSTALL NEW METER BOX
	1	EA			GENERIC UTILITY ITEM INSTALL NEW VALVE BOX
	1	EA			GENERIC UTILITY ITEM RELOCATE EXT 1" WATER METER
	23	EA			GENERIC UTILITY ITEM RELOCATE EXT 3/4" WATER METER
	4	EA			GENERIC UTILITY ITEM THRUST COLLAR
2,200	LF	TEMPORARY SILT FENCE			
115	TON	STONE FOR EROSION CONTROL, CLASS A			
285	TON	STONE FOR EROSION CONTROL, CLASS B			
370	TON	SEDIMENT CONTROL STONE			
4	ACR	TEMPORARY MULCHING			
150	LB	SEED FOR TEMPORARY SEEDING			
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING			
135	CY	SILT EXCAVATION			
1,500	SY	MATting FOR EROSION CONTROL			
1,100	LF	1/4" HARDWARE CLOTH			
3.5	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			
2.75	TON	FERTILIZER TOPDRESSING			
3	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			
16	EA	PEDESTRIAN SIGNAL HEAD (12", 1 SECTION)			
9,805	LF	SIGNAL CABLE			
38	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
8	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
170	LF	MESSENGER CABLE (1/4")			
1,050	LF	MESSENGER CABLE (3/8")			
920	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT) (1.25", 2)			
31	EA	JUNCTION BOX (STANDARD SIZE)			
4	EA	JUNCTION BOX (OVER-SIZED)			
13	EA	WOOD POLE			
22	EA	GUY ASSEMBLY			
7	EA	1" RISER WITH WEATHERHEAD			
14	EA	2" RISER WITH WEATHERHEAD			
6,120	LF	INDUCTIVE LOOP SAWCUT			
7,030	LF	LEAD-IN CABLE			
4	EA	INTERCONNECT CENTER			
6	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE			
3	EA	DOUBLE MAST ARM WITH METAL POLE			
9	EA	SOIL TEST			
48	LF	DRILLED PIER FOUNDATION (** DIA) (42")			
			1,470	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT (2", 1)
			300	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT (2", 2)
			260	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT (2", 4)
			19	EA	DETECTOR CARD (TYPE 170)
			4	EA	GENERIC SIGNAL ITEM SYSTEM DETECTOR AMPLIFIER (2 CHANNEL)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 005

CONTRACT ID : C201066 37422.3.1

DIV OFFICE DURHAM

LENGTH = 22.000 MI

COUNTY : DURHAM

ITS.

DBE GOAL 2.0% COMPLETION DATE : OCT 15 2005

NC-147 (DURHAM FREEWAY) FROM I-40 TO I-85.

ROADWAY ITEMS

			1	EA	FIBER-OPTIC SPLICE CABINET (BASE MOUNTED)
			4	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY
			4	EA	GENERIC SIGNAL ITEM CCTV METAL POLE AND FOUNDATION
			1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY
			2	EA	GENERIC SIGNAL ITEM FURNISH VOR-D
			2	EA	GENERIC SIGNAL ITEM FURNISH VOT-D
			8	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE
			4	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER WITH DATA (VOR-D)
			4	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER WITH DATA (VOT-D)
			Lump Sum	LS	GENERIC SIGNAL ITEM MODIFY CENTRAL CCTV SOFTWARE
			Lump Sum	LS	GENERIC SIGNAL ITEM UPDATE REGIONAL GRAPHICAL USER INTERFACE SOFTWARE
			250	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT, 1.25" (1 CONDUIT)
			31,934	LF	GENERIC SIGNAL ITEM UNDERGROUND POLYETHYLENE CONDUIT, 1.25" (2 CONDUIT)
Lump Sum	LS	MOBILIZATION			
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
837.5	LF	STEEL BM GUARDRAIL			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
300	LF	REMOVE EXISTING GUARDRAIL			
2	CY	REINFORCED CONCRETE SIGN FOOTINGS			
700	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
Lump Sum	LS	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-***"			
		(3)			
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD)			
		(A)			
1	EA	RELOCATE SIGN, TYPE *****			
		(A)			
1	EA	DISPOSAL OF SUPPORT, STEEL BEAM			
1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***"			
		(1)			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***"			
		(2)			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***"			
		(3)			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS***"			
		(4)			
1	EA	GENERIC SIGNING ITEM FURNISH DMS CONTROLLER			
Lump Sum	LS	GENERIC SIGNING ITEM PEDESTAL DYNAMIC MESSAGE SIGN 1 ASSEMBLY			
Lump Sum	LS	GENERIC SIGNING ITEM PEDESTAL DYNAMIC MESSAGE SIGN 2 ASSEMBLY			
Lump Sum	LS	GENERIC SIGNING ITEM PEDESTAL DYNAMIC MESSAGE SIGN 4 ASSEMBLY			
Lump Sum	LS	GENERIC SIGNING ITEM TRAINING			
797	SF	WORK ZONE SIGNS (PORTABLE)			
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
1	EA	CHANGEABLE MESSAGE SIGNS			
3	EA	WARNING FLAG SETS			
250	EA	DRUMS			
20	EA	CONES			
40	LF	BARRICADES (TYPE III)			
20	HR	FLAGGER			
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)			
8	HR	POLICE			
57,764	LF	TRACER WIRE			
525	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT)			
		(1)			
25,459	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT)			
		(2)			
62	EA	JUNCTION BOX (OVER-SIZED)			
4	EA	***** RISER WITH ***** (2", HEAT SHRINK TUBING)			
59,695	LF	COMMUNICATIONS CABLE (**FIBER)			
		(72)			
1,100	LF	DROP CABLE			
8	EA	AERIAL SPLICE ENCLOSURE			
8	EA	INTERCONNECT CENTER			
8	EA	FIBER-OPTIC TRANSCEIVER			
63	EA	DELINEATOR MARKER			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040720 006

CONTRACT ID : C201237 36988

DIV OFFICE DURHAM

LENGTH = 1.346 MI

COUNTY : WAKE

GRADING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 6.0% WBE 6.0% COMPLETION DATE : SEP 15 2005

SR-3060 (MORRISVILLE PKWY) FROM DAVIS DRIVE TO CRABTREE CROSSING PARKWAY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
5,000	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
38,665	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
7,580	SY	FABRIC FOR SOIL STABILIZATION
15,200	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
1,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,632	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
7,036	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
952	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,000	LF	2'-6" CONCRETE CURB & GUTTER
100	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1	EA	ADJUSTMENT OF DROP INLETS
15	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,200	SF	WORK ZONE SIGNS (STATIONARY)
500	SF	WORK ZONE SIGNS (PORTABLE)
300	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
100	EA	DRUMS
100	EA	CONES
900	LF	BARRICADES (TYPE III)
200	HR	POLICE
400	EA	TUBULAR MARKERS (FIXED)
3,989	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
96	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
104	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
72,887	LF	PAINT PAVEMENT MARKING LINES (4")
60	LF	PAINT PAVEMENT MARKING LINES (6")
2,262	LF	PAINT PAVEMENT MARKING LINES (8")
380	LF	PAINT PAVEMENT MARKING LINES (16")
768	LF	PAINT PAVEMENT MARKING LINES (24")
92	EA	PAINT PAVEMENT MARKING CHARACTER
34	EA	PAINT PAVEMENT MARKING SYMBOL
361	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040720 007

CONTRACT ID : C201239 34632.3.1

DIV OFFICE GREENSBORO

LENGTH = 3.659 MI

COUNTY : ORANGE

WEIGH STATION UPGRADE.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : NOV 15 2007

I-85/I-40 NEAR HILLSBOROUGH.

ROADWAY ITEMS

			Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**" (DMS-4)
			Lump Sum	LS	DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING
			Lump Sum	LS	DYNAMIC MESSAGE SIGN BENCH TEST UNIT
			212	SF	WORK ZONE SIGNS (STATIONARY)
			78	SF	WORK ZONE SIGNS (PORTABLE)
			1	EA	FLASHING ARROW PANELS, TYPE C
			163	EA	DRUMS
			2	EA	WARNING LIGHTS (TYPE B)
			1	EA	TEMPORARY CRASH CUSHIONS
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			600	LF	PORTABLE CONCRETE BARRIER
			1,940	LF	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES
			27	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
			2	ACR	SEEDING & MULCHING
			200	LF	COMMUNICATIONS CABLE (** TWISTED-PAIR) (6)
			1	EA	GENERIC SIGNAL ITEM 4-CHANNEL VIDEO MUX/DEMUX PAIR WITH DATA
			1	EA	GENERIC SIGNAL ITEM AVI ANTENNA (SCALA)
			4	EA	GENERIC SIGNAL ITEM AVI ANTENNA (SINCLAIR)
			1	EA	GENERIC SIGNAL ITEM AVI READER (DOUBLE ANTENNA)
			2	EA	GENERIC SIGNAL ITEM AVI READER (SINGLE ANTENNA)
			3	EA	GENERIC SIGNAL ITEM BASE MOUNTED CABINET
			3	EA	GENERIC SIGNAL ITEM CABINET FOUNDATION
			1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
			1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE FOUNDATION
			2	EA	GENERIC SIGNAL ITEM CONTACT CLOSURE TRANSCEIVER
			3	EA	GENERIC SIGNAL ITEM DATA AND SYNC TRANSCEIVER
			24	EA	GENERIC SIGNAL ITEM DELINEATOR MARKER
			4	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE
			7	EA	GENERIC SIGNAL ITEM FIBER OPTIC INTERCONNECT CENTER
			2	EA	GENERIC SIGNAL ITEM FREEZE-FRAME CAMERA EQUIPMENT
			3	EA	GENERIC SIGNAL ITEM FULL MOTION VIDEO CABINET ASSEMBLY
			3	EA	GENERIC SIGNAL ITEM FULL MOTION VIDEO CAMERA ASSEMBLY
			33	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)
			9	EA	GENERIC SIGNAL ITEM JUNCTION BOX (STANDARD SIZE)
			1	EA	GENERIC SIGNAL ITEM LED OPEN/CLOSED SIGN
			1	EA	GENERIC SIGNAL ITEM LOCAL VIDEO CONTROL PANEL
			6	EA	GENERIC SIGNAL ITEM MEDIA CONVERTER
			1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (ADVANCE LOCATION)
			1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (NOTIFICATION LOCATION)
			1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (COMPLIANCE LOCATION - MAIN LINE)
Lump Sum	LS	MOBILIZATION			
100	CY	UNCLASSIFIED EXCAVATION			
550	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
50	SY	FABRIC FOR SOIL STABILIZATION			
400	TON	AGGREGATE BASE COURSE			
775	SY	INCIDENTAL MILLING			
55	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
3	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
26	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22			
600	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (14")			
425	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
600	SY	GENERIC PAVING ITEM DIAMOND GRINDING PORT CEM CONC PAVEMENT			
400	LF	SHOULDER DRAIN			
400	LF	4" SHOULDER DRAIN PIPE			
24	LF	4" OUTLET PIPE (SHOULDER DRAINS)			
1	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET			
937.5	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
3	CY	REINFORCED CONCRETE SIGN FOOTINGS			
3	CY	PLAIN CONCRETE SIGN FOOTINGS			
4,034	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
92	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE E			
3	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)			
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)			
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)			
2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)			
2	EA	SIGN ERECTION, REPOSITION OVERHEAD			
1	EA	RELOCATE SIGN, TYPE ***** (A, GROUND MOUNTED)			
2	EA	DISPOSAL OF SUPPORT, WOOD			
1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD			
3	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)			
2	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**" (DMS-1)			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**" (DMS-2)			
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM "DMS**" (DMS-3)			

1	EA	GENERIC SIGNAL ITEM METAL POLE FOUNDATION (COMPLIANCE LOCATION - RAMP)	10	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, PVC, TRENCH, 2", 3
1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (ADVANCE LOCATION)			
1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-MAIN LINE)			
1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (COMPLIANCE LOCATION-RAMP)			
1	EA	GENERIC SIGNAL ITEM METAL POLE WITH FOLDING MAST ARM (NOTIFICATION LOCATION)			
3	EA	GENERIC SIGNAL ITEM MULTIMODE CONTROL CENTER TRANSCIEVER			
3	EA	GENERIC SIGNAL ITEM MULTIMODE FIELD TRANSCIEVER			
1	EA	GENERIC SIGNAL ITEM OVERHEIGHT VEHICLE DETECTOR			
7	EA	GENERIC SIGNAL ITEM PIEZOELECTRIC SENSOR			
2	EA	GENERIC SIGNAL ITEM PRE-FORMED INDUCTIVE LOOP			
2	EA	GENERIC SIGNAL ITEM SCREEN SPLITTER			
1	EA	GENERIC SIGNAL ITEM VIDEO MONITOR			
1	EA	GENERIC SIGNAL ITEM WEIGH-IN MOTION SCALE			
Lump Sum	LS	GENERIC SIGNAL ITEM ADVANCE LOCATION WIM ELEC- TRONICS			
Lump Sum	LS	GENERIC SIGNAL ITEM CENTRAL COMPUTER SOFTWARE			
Lump Sum	LS	GENERIC SIGNAL ITEM COMPLIANCE LOCATION WIM ELECTRONICS			
Lump Sum	LS	GENERIC SIGNAL ITEM EMERGENCY RESTORATION EQUIP- MENT			
Lump Sum	LS	GENERIC SIGNAL ITEM SCALE HOUSE WIM ELECTRONICS			
Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM WARRANTY			
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING			
Lump Sum	LS	GENERIC SIGNAL ITEM VIDEO SWITCHER/CAMERA CONTROL- LER			
12,610	LF	GENERIC SIGNAL ITEM COMMUNICATIONS CABLE (12 FIBER)			
530	LF	GENERIC SIGNAL ITEM INDUCTIVE LOOP SAWCUT			
190	LF	GENERIC SIGNAL ITEM LEAD-IN CABLE			
150	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, DIRECTIONAL DRILL, 1 1/4", 1			
205	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, DIRECTIONAL DRILL, 1-1/4", 2			
20	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, DIRECTIONAL DRILL, 2", 3			
10,940	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 1-1/4", 1			
400	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 1-1/4", 2			
45	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 2", 1			
35	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 2", 2			
85	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, POLYETHY- LENE, TRENCH, 2", 3			
170	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, PVC, TRENCH, 2", 1			
10	LF	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT, PVC, TRENCH, 2", 2			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 008

CONTRACT ID : C200888 32996.2.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.171 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER FIDDLER'S CREEK & APPROACHES ON SR-2699.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+00.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
600	CY	UNDERCUT EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	24" SIDE DRAIN PIPE
188	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
350	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
590	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
63	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
13	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
14	EA	RIGHT OF WAY MARKERS
1.7	CY	ENDWALLS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
295	LF	SHOULDER BERM GUTTER
300	LF	STEEL BM GUARDRAIL
25	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	PLAIN RIP RAP, CLASS B
235	SY	FILTER FABRIC FOR DRAINAGE
275	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
16	EA	DRUMS
16	EA	CONES
80	LF	BARRICADES (TYPE III)
50	MD	FLAGGER
5,360	LF	PAINT PAVEMENT MARKING LINES (4")
100	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
100	TON	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (VI)
20	TON	PAVEMENT REPAIR FOR UTILITY WORK
1,750	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP
2	EA	6" GATE VALVE & VALVE BOX, 200# WP
1	EA	RELOCATE EXISTING FIRE HYDRANT
353	LF	*** DI SEWER PIPE, PC ***** (16", PC 250)
3	EA	*** DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH (4')

6	LF	PRECAST CONC MANHOLE WALL, *1 DIA, OVER 6' HT (4')
290	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (DI WATER PIPE)
250	LF	FILL OR REMOVE ABANDONED 16" PIPE, ***** (DI SEWER PIPE)
1	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
308	LF	GENERIC UTILITY ITEM 12" DI RESTRAINED JOINT WATER PIPE, PC 3
35	LF	GENERIC UTILITY ITEM 6" DI RESTRAINED JOINT WATER PIPE, PC 3
1,645	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL, CLASS A
250	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
370	CY	SILT EXCAVATION
970	SY	MATTING FOR EROSION CONTROL
390	SY	PERMANENT SOIL REINFORCEMENT MAT
80	LF	1/4" HARDWARE CLOTH
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+00.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+00.00-L-)
885	CY	UNCLASSIFIED STRUCTURE EXCAVATION
76.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+00.00-L-)
13,856	LB	REINFORCING STEEL (BRIDGE)
640	LF	HP12X53 STEEL PILES
850	LF	HP14X73 STEEL PILES
36	EA	STEEL PILE POINTS
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (14+00.00-L-)
233.99	LF	CONCRETE BARRIER RAIL
280	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
315	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,630.56	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 009

CONTRACT ID : C201240 32692.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.149 MI

COUNTY : STOKES

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER DAN RIVER AND APPROACHES ON SR-1668.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+07.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
22	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
24	LF	18" RC PIPE CULVERTS, CLASS III
68	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
32	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
88	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
2	EA	24" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK
100	TON	INCIDENTAL STONE BASE
310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
190	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
26	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
4	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.***** (840.33)
2	EA	FRAME WITH TWO GRATES, STD 840.29
360	LF	SHOULDER BERM GUTTER
121	LF	CONCRETE EXPRESSWAY GUTTER
425	LF	STEEL BM GUARDRAIL
325	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
60	TON	PLAIN RIP RAP, CLASS B
325	SY	FILTER FABRIC FOR DRAINAGE
180	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
64	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
15	EA	CONES
136	LF	BARRICADES (TYPE III)
100	HR	FLAGGER
2,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
950	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
140	TON	STONE FOR EROSION CONTROL, CLASS B
105	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
135	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
210	CY	SILT EXCAVATION

300	SY	SYNTHETIC ROVING
645	SY	MATTING FOR EROSION CONTROL
265	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.75	ACR	STREAMBANK REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+07.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+07.00 -L-)
45.84	LF	***.***" DIA DRILLED PIERS IN SOIL (4'-0")
40	LF	***.***" DIA DRILLED PIERS NOT IN SOIL (4'-0")
49.61	LF	PERMANENT STEEL CASING FOR ***.***" DIA DRILLED PIER (4'-0")
1	EA	CROSSHOLE SONIC LOGGING
384	LF	CSL TUBES
8,609	SF	REINFORCED CONCRETE DECK SLAB
6,666	SF	GROOVING BRIDGE FLOORS
97.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+07.00 -L-)
25,376	LB	REINFORCING STEEL (BRIDGE)
4,100	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
289,100	LS	APPROX LBS STRUCTURAL STEEL
360	LF	HP12X53 STEEL PILES
635.75	LF	CONCRETE BARRIER RAIL
580	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
646	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (15+07.00)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040720 010

CONTRACT ID : C200997 36982.3.1

DIV OFFICE ASHEVILLE

LENGTH = 6.800 MI

COUNTY : BUNCOMBE, MCDOWELL

INTELLIGENT TRAFFIC SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : MAY 15 2005

I-40 FROM MP-64 TO MP-72 AT OLD FORT MOUNTAIN.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
198	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)
1	CY	PLAIN CONCRETE SIGN FOOTINGS
1,028	LB	SUPPORTS, BREAKAWAY STEEL BEAM
3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
440	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
225	EA	DRUMS
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
23	EA	2" RISER WITH WEATHERHEAD
3	EA	BEACON CONTROLLER ASSEMBLY & CABINET (*****) (F3)
1	EA	GENERIC SIGNAL ITEM CELLULAR MODEM
15	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET (POLE MOUNTED)
8	EA	GENERIC SIGNAL ITEM EVENT PROCESSOR/WIRELESS TRANSCIEVER
1	EA	GENERIC SIGNAL ITEM FURNISH CELLULAR MODEM
1	EA	GENERIC SIGNAL ITEM FURNISH EVENT PROCESSOR/ WIRELESS TRANSCIEVER
1	EA	GENERIC SIGNAL ITEM FURNISH SOLAR POWER ASSEMBLY
1	EA	GENERIC SIGNAL ITEM FURNISH VISIBILITY SENSOR
1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS DATA TRANSCIEVER
18	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE
5	EA	GENERIC SIGNAL ITEM SOLAR POWER ASSEMBLY
6	EA	GENERIC SIGNAL ITEM VEHICLE SIGNAL HEAD (12", 1 SECTION)
5	EA	GENERIC SIGNAL ITEM VISIBILITY SENSOR
15	EA	GENERIC SIGNAL ITEM WIRELESS DATA TRANSCIEVER
19	EA	GENERIC SIGNAL ITEM WOOD POLE (35')
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING