



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

April 20, 2004

RE: Invitation to Bid

To Whom It May Concern:

We find it necessary to update the list of businesses receiving our Invitation to Bid. If you wish to remain on the list of businesses receiving the Invitation to Bid, please complete and return the enclosed data sheet.

Please note that there will be a renewal charge of \$25.00 per year, plus applicable sales tax for the Invitation to Bid for the fiscal year of July 2004 through June 2005. Your check should be made payable to the "North Carolina Department of Transportation," and should be returned with your data sheet. If your mailing address is in North Carolina, your check should be in the amount of \$26.76 to include North Carolina sales tax.

Also, the Invitation to Bid is on the Internet at www.ncdot.org/business/. Click on Project Letting, and then Invitations to Bid, for the month you are interested in.

Please complete and return the data sheet to the following address:

North Carolina Department of Transportation
1591 Mail Service Center
Raleigh, North Carolina 27699-1591
Attention: Design Services Unit
Betty Rawls

Sincerely,

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

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

RAG/klc

(Over)

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

North Carolina Department of Transportation

INFORMATION DATA SHEET FOR INVITATION TO BID LIST

Note: Due to certain limitations of our word processing center, please limit your information to 40 spaces per line. Use the mailing address of the office that you want the Invitation to Bid to be mailed to. The cost of each subscription is \$25.00, plus applicable sales tax.

1. Firm Name: _____

2. Mailing Address: _____

3. City: _____ State: _____ Zip: _____

4. Attention: _____

5. Telephone Number: _____
(Area Code)



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

April 20, 2004

RE: Bid Tabulations

To Whom It May Concern:

We find it necessary to update the list of businesses receiving our Bid Tabulations. If you wish to remain on the list of businesses receiving the Bid Tabulations, please complete and return the enclosed data sheet.

Please note that there will be a renewal charge of \$110.00 per year, plus applicable sales tax for the Bid Tabulations for the fiscal year of July 2004 through June 2005. Your check should be made payable to the "North Carolina Department of Transportation," and should be returned with your data sheet. If your mailing address is in North Carolina, your check should be in the amount of \$117.70 to include North Carolina sales tax.

Also, the Bid Tabulations are on the Internet at www.ncdot.org/business/. Click on Project Letting, and then Bidtabs Sheet, for the month you are interested in.

Please complete and return the data sheet to the following address:

North Carolina Department of Transportation
1591 Mail Service Center
Raleigh, North Carolina 27699-1591

Attention: Design Services Unit
Betty Rawls

Sincerely,

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

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

RAG/klc

(Over)

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

North Carolina Department of Transportation

INFORMATION DATA SHEET FOR BID TABULATIONS

Note: Due to certain limitations of our word processing center, please limit your information to 40 spaces per line. Use the mailing address of the office that you want the Bid Tabulations to be mailed to. The cost of each subscription is \$110.00, plus applicable sales tax.

1. Firm Name: _____

2. Mailing Address: _____

3. City: _____ State: _____ Zip: _____

4. Attention: _____

5. Telephone Number: _____
(Area Code)




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 20, 2004

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

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

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

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

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

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

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 19, 2004

NOTICE TO: All Prequalified Contractors

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

SUBJECT: Evaluation of Delays Due to Weather

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

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

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

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

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

WEBSITE: WWW.DOT.STATE.NC.US

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

All Prequalified Contractors
Page 2
March 19, 2004

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

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

ECP



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 23, 2004

NOTICE TO:

Plan Holders

FROM:

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

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

SUBJECT:

Copies of Invoices Needed with Payment

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

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

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 MAY 18, 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 APRIL 20, 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	Anthony W. Roper , PE	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005	J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007	J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009	S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010	B. G. Payne	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A. Pettyjohn, PE	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L040518

RPN	Contract Id	WBS	County	Length	JobType
001	C200847	33315.2.2	MARTIN	0.183 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C200837	33252.3.1	WAYNE	0.170 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C200824	34822.3.1	VANCE	4.054 KM	GRADING, DRAINAGE, PAVING & CULVERT.
004	C201196	37665	GRANVILLE	18.435 MI	MILLING, RESURFACING, SHOULDER RECONST & CIP RECYCLING.
005	C200848	33333.2.3	ROBESON	0.521 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
006	C200849	33491.3.1	HARNETT	0.212 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C200812	33084.3.2	GUILFORD	0.284 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C200845	33178.3.2	CASWELL	0.068 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
009	C201077	34632.3.1	ORANGE	3.659 MI	WEIGH STATION UPGRADE.
010	C201195	33227.3.1	RANDOLPH	0.212 MI	GRADING, DRAINAGE, PAVING & CULVERT.
011	C200149	32692.3.1	STOKES	0.149 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
012	C201194	34408.3.3	CABARRUS	1.989 KM	GRADING, DRAINAGE, PAVING, C&G & CULVERTS.
013	C200839	33382.3.2	ASHE	0.079 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
014	C200833	33279.3.2	CLEVELAND	0.127 MI	GRADING, DRAINAGE, PAVING & PRECAST CULVERT.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 001

CONTRACT ID : C200847 33315.2.2

DIV OFFICE EDENTON

LENGTH = 0.183 MI

COUNTY : MARTIN

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 10 2004

BRIDGE OVER DOG BRANCH & APPROACHES ON SR-1001.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	8	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+67.50)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
200	CY	UNDERCUT EXCAVATION			
200	CY	SELECT GRANULAR MATERIAL			
100	SY	FABRIC FOR SOIL STABILIZATION			
66	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
16	LF	15" SIDE DRAIN PIPE			
568	LF	15" RC PIPE CULVERTS, CLASS III			
32	LF	15" CS PIPE CULVERTS, 0.064" THICK			
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	6,912	LB	REINFORCING STEEL (BRIDGE)
624	LF	PIPE REMOVAL	1,395	LF	HP12X53 STEEL PILES
6	TON	INCIDENTAL STONE BASE	560	LF	HP14X73 STEEL PILES
340	SY	INCIDENTAL MILLING			
400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (16+67.50-L-)
330	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	185.25	LF	CONCRETE BARRIER RAIL
480	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	187	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
62	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	208	SY	FILTER FABRIC FOR DRAINAGE
7	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	ELASTOMERIC BEARINGS
5	EA	FRAME WITH TWO GRATES, STD 840.16	1,296.75	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
2	EA	FRAME WITH TWO GRATES, STD 840.29			
170	LF	SHOULDER BERM GUTTER			
450	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
5	TON	PLAIN RIP RAP, CLASS B			
165	SY	FILTER FABRIC FOR DRAINAGE			
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
303	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	WARNING FLAG SETS			
56	LF	BARRICADES (TYPE III)			
6,202	LF	PAINT PAVEMENT MARKING LINES (4")			
10	EA	PERMANENT RAISED PAVEMENT MARKERS			
750	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
150	TON	STONE FOR EROSION CONTROL, CLASS B			
125	TON	SEDIMENT CONTROL STONE			
0.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
275	CY	SILT EXCAVATION			
675	SY	MATting FOR EROSION CONTROL			
250	LF	1/4" HARDWARE CLOTH			
0.5	ACR	SEEDING & MULCHING			
0.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.5	TON	FERTILIZER TOPDRESSING			
0.5	HR	SPECIALIZED HAND MOWING			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+67.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+67.50-L-)
41.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+67.50-L-)
6,912	LB	REINFORCING STEEL (BRIDGE)
1,395	LF	HP12X53 STEEL PILES
560	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (16+67.50-L-)
185.25	LF	CONCRETE BARRIER RAIL
187	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
208	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,296.75	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 002

CONTRACT ID : C200837 33252.3.1

DIV OFFICE WILSON

LENGTH = 0.170 MI

COUNTY : WAYNE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 01 2004

BRIDGE OVER FALLING CREEK & APPROACHES ON SR-1006.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+50.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
100	SY	FABRIC FOR SOIL STABILIZATION
7	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
40	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")
50	TON	INCIDENTAL STONE BASE
610	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
310	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
612.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
150	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
461	SF	WORK ZONE SIGNS (STATIONARY)
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	WARNING FLAG SETS
84	LF	BARRICADES (TYPE III)
5,600	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	PERMANENT RAISED PAVEMENT MARKERS
58	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)
58	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
10	LF	6" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
510	LF	8" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
925	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
1	EA	6" GATE VALVE & VALVE BOX, 200# WP
3	EA	8" GATE VALVE & VALVE BOX, *****WP (200# WP)
1	EA	FIRE HYDRANT, *****# WP (150# WP)
493	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", PVC WATER)
12	EA	GENERIC UTILITY ITEM 8" RESTRAINED RETAINER GLANDS
1,400	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
130	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE

1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
190	CY	SILT EXCAVATION
270	SY	SYNTHETIC ROVING
665	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+53.00 -L-)
580	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
40.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+53.00 -L-)
7,102	LB	REINFORCING STEEL (BRIDGE)
540	LF	HP12X53 STEEL PILES
350	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (16+53.00 -L-)
215.25	LF	CONCRETE BARRIER RAIL
378	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
420	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,506.75	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 003

CONTRACT ID : C200824 34822.3.1

DIV OFFICE DURHAM

LENGTH = 4.054 KM

COUNTY : VANCE

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 15.0% COMPLETION DATE : DEC 31 2006

HENDERSON WESTERN OUTER LOOP FROM SR-1128 (RUIN CREEK ROAD) TO SR-1101 (COUNTY HOME ROAD).

ROADWAY ITEMS					
			75	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			127	EA	RIGHT OF WAY MARKERS
Lump Sum	LS	MOBILIZATION	165.6	M3	SUBDRAIN EXCAVATION
Lump Sum	LS	CONSTRUCTION SURVEYING	82.8	M3	SUBDRAIN FINE AGGREGATE
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	200	M	100MM PERFORATED SUBDRAIN PIPE
1.6	HA	SUPPLEMENTARY CLEARING & GRUBBING	30	EA	100MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
261.200	M3	UNCLASSIFIED EXCAVATION	2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2,600	M3	UNDERCUT EXCAVATION	4	M	100MM OUTLET PIPE (SUBDRAINS)
400	MTN	CLASS IV SUBGRADE STABILIZATION	1,060	M	SHOULDER DRAIN
99,500	M3	BORROW EXCAVATION	1,060	M	100MM SHOULDER DRAIN PIPE
18,000	M3	DRAINAGE DITCH EXCAVATION	28	M	100MM OUTLET PIPE (SHOULDER DRAINS)
1,200	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	5	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
25	HR	PROOF ROLLING	10	MTN	BLOTTING SAND
1,000	M3	SELECT GRANULAR MATERIAL	8	M3	ENDWALLS
1,000	M2	FABRIC FOR SOIL STABILIZATION	12.8	M3	REINFORCED ENDWALLS
835	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	0.99	M3	PIPE COLLARS
8	MTN	GENERIC DRAINAGE ITEM ROCKS	0.16	M3	PIPE PLUGS
16.8	M	375MM SIDE DRAIN PIPE	78	EA	MASONRY DRAINAGE STRUCTURES
1,191.6	M	375MM RC PIPE CULVERTS, CLASS III	3.33	M	MASONRY DRAINAGE STRUCTURES
704.4	M	450MM RC PIPE CULVERTS, CLASS III	2	EA	FRAME WITH GRATE, STD 840.**** (840.16)
254.4	M	600MM RC PIPE CULVERTS, CLASS III	23	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)
50.4	M	750MM RC PIPE CULVERTS, CLASS III	17	EA	FRAME WITH TWO GRATES, STD 840.22
79.3	M	1050MM RC PIPE CULVERTS, CLASS III	6	EA	FRAME WITH TWO GRATES, STD 840.24
69.6	M	1200MM RC PIPE CULVERTS, CLASS III	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
51.6	M	1650MM RC PIPE CULVERTS, CLASS III	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
260.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
7.2	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	8.25	M3	CONCRETE RETAINING WALLS
30	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	6,755	M	450MM CONCRETE CURB & GUTTER
2	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	1,010	M	750MM CONCRETE CURB & GUTTER
65	M	PIPE REMOVAL	1,912	M	SHOULDER BERM GUTTER
Lump Sum	LS	FINE GRADING	70	M	CONCRETE EXPRESSWAY GUTTER
32,000	M2	LIME TREATED SOIL (SLURRY METHOD)	60	M2	100MM CONCRETE PAVED DITCH
352	MTN	LIME FOR LIME TREATED SOIL	335	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,000	MTN	STABILIZER AGGREGATE	2,628.9	M	STEEL BM GUARDRAIL
42,550	MTN	AGGREGATE BASE COURSE	57.15	M	STEEL BM GUARDRAIL, SHOP CURVED
54,800	M2	***MM SOIL CEMENT BASE (180MM)	10	EA	ADDITIONAL GUARDRAIL POSTS
1,644	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	14	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
740	MTN	AGGREGATE FOR SOIL CEMENT BASE	16	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
7,815	L	ASPHALT CURING SEAL	8,050	M	WOVEN WIRE FENCE, 1200MM FABRIC
75	MTN	INCIDENTAL STONE BASE	1,660	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
2,380	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (35MM)	290	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
2,000	M2	INCIDENTAL MILLING	340	MTN	PLAIN RIP RAP, CLASS 1
3,930	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	45	MTN	PLAIN RIP RAP, CLASS A
3,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	75	MTN	PLAIN RIP RAP, CLASS B
18,750	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1,825	M2	FILTER FABRIC FOR DRAINAGE
2,565	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	11	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
11,980	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	528	M2	NOISE BARRIER WALL
1,365	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1	M3	PLAIN CONCRETE SIGN FOOTINGS
780	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	127	KG	SUPPORTS, BREAKAWAY STEEL BEAM
			387	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			54	EA	SIGN ERECTION, TYPE E
			12	EA	SIGN ERECTION, TYPE F

1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	47	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (350MM, 2.41MPA WP)
2	EA	RELOCATE SIGN, TYPE ***** (D)	7	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
2	EA	RELOCATE SIGN, TYPE ***** (E)	18.5	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
1	EA	DISPOSAL OF SUPPORT, WOOD	173	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (VC SEWER)
29	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	1	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
109	M2	WORK ZONE SIGNS (STATIONARY)	35	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (600MM, 6.35MM)
28	M2	WORK ZONE SIGNS (PORTABLE)	2	EA	GENERIC UTILITY ITEM REMOVE & STOCKPILE EXISTING WATER METERS
16	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	3,850	M	TEMPORARY SILT FENCE
1	EA	FLASHING ARROW PANELS, TYPE C	460	MTN	STONE FOR EROSION CONTROL, CLASS A
4	EA	WARNING FLAG SETS	5,100	MTN	STONE FOR EROSION CONTROL, CLASS B
250	EA	DRUMS	2,200	MTN	SEDIMENT CONTROL STONE
250	EA	CONES	25	HA	TEMPORARY MULCHING
84	M	BARRICADES (TYPE III)	1,075	KG	SEED FOR TEMPORARY SEEDING
400	MD	FLAGGER	8.75	MTN	FERTILIZER FOR TEMPORARY SEED- ING
3	EA	WARNING LIGHTS (TYPE B)	570	M	TEMPORARY SLOPE DRAINS
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	40	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
16	HR	POLICE	20,000	M3	SILT EXCAVATION
1,192	EA	TEMPORARY RAISED PAVEMENT MARKERS	4,100	M2	SYNTHETIC ROVING
9,180	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	7,800	M2	MATTING FOR EROSION CONTROL
7,194	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	840	M2	PERMANENT SOIL REINFORCEMENT MAT
372	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	510	M	6.4MM HARDWARE CLOTH
158	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	20	M3	STILLING BASINS
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	25.5	HA	SEEDING & MULCHING
95	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	14	HA	MOWING
42,145	M	PAINT PAVEMENT MARKING LINES (100MM)	325	KG	SEED FOR REPAIR SEEDING
964	M	PAINT PAVEMENT MARKING LINES (200MM)	1.25	MTN	FERTILIZER FOR REPAIR SEEDING
224	M	PAINT PAVEMENT MARKING LINES (600MM)	725	KG	SEED FOR SUPPLEMENTAL SEEDING
24	EA	PAINT PAVEMENT MARKING CHARAC- TER	42.75	MTN	FERTILIZER TOPDRESSING
107	EA	PAINT PAVEMENT MARKING SYMBOL	0.4	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)
100	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	135	M	IMPERVIOUS DIKE
665	EA	PERMANENT RAISED PAVEMENT MARKERS	20	HR	SPECIALIZED HAND MOWING
30	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)	16	EA	RESPONSE FOR EROSION CONTROL
30	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)	270	M3	CULVERT DIVERSION CHANNEL
11	MTN	PAVEMENT REPAIR FOR UTILITY WORK	3	HA	REFORESTATION
11.5	M	150MM DI WATER PIPE, PC 2.41MPA	3.55	HA	STREAMBANK REFORESTATION
116	M	200MM DI WATER PIPE, PC 2.41MPA	150	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
50	M	250MM DI WATER PIPE, PC 2.41MPA	2,350	M2	GENERIC EROSION CONTROL ITEM LIVE STAKING
40	M	20MM COPPER WATER PIPE, TYPE K	1,155	M	SIGNAL CABLE
744	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP	34	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
4	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	7	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
4	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)	760	M	MESSENGER CABLE (9.52MM)
1	EA	250MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA WP)	660	M	TRACER WIRE
2	EA	*** X ****MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA WP)	885	M	TRENCHING (UNPAVED)
2	EA	***MM TRANSITION COUPLING, ***** (350MM, CI TO DI)	500	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)
2	EA	RELOCATE EXISTING WATER METER	36	EA	JUNCTION BOX (STANDARD SIZE)
3	EA	FIRE HYDRANT, ****MPA WP (1.03MPA WP)	6	EA	JUNCTION BOX (OVER-SIZED)
1	EA	RELOCATE EXISTING FIRE HYDRANT	4	EA	WOOD POLE
80	M	200MM DI SEWER PIPE, PC 2.41MPA	8	EA	GUY ASSEMBLY
260	M	300MM DI SEWER PIPE, PC 2.41MPA	1	EA	25MM RISER WITH WEATHERHEAD
			4	EA	50MM RISER WITH WEATHERHEAD
			1,830	M	INDUCTIVE LOOP SAWCUT
			2,940	M	LEAD-IN CABLE
			714	M	COMMUNICATIONS CABLE (**FIBER) (12)
			3	EA	INTERCONNECT CENTER
			2	EA	FIBER-OPTIC TRANSCEIVER
			5	EA	DELINEATOR MARKER
			1	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT
			1	EA	FURNISH FIBER-OPTIC TRANSCEIV- ER
			16	EA	METAL STRAIN SIGNAL POLE
			16	EA	SOIL TEST
			80	M	DRILLED PIER FOUNDATION (***MM DIA) (1067MM)
			10	EA	SIGN FOR SIGNALS

4	EA	SIGNAL CABINET FOUNDATION
4	EA	CABINET BASE ADAPTER
4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
24	EA	DETECTOR CARD (TYPE 2070L)

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (23+57.000 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (40+81.000 -L-)
1,331	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
713.9	M3	CLASS A CONCRETE (CULVERT)
75,200	KG	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040518 004

CONTRACT ID : C201196 37665

DIV OFFICE DURHAM

LENGTH = 18.435 MI

COUNTY : GRANVILLE

MILLING, RESURFACING, SHOULDER RECONST & CIP RECYCLING.

MBE GOAL 12.0% WBE 3.0% COMPLETION DATE : NOV 01 2004

5 SECTIONS OF NC-96 FROM VIRGINIA STATE LINE TO US-158 BUS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
8,600	LB	SEALING EXISTING PAVEMENT CRACKS
1,474	TON	INCIDENTAL STONE BASE
36.87	SMI	SHOULDER RECONSTRUCTION
36,245	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,450	TON	PATCHING EXISTING PAVEMENT
198,360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
181,387	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
268,790	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
959	EA	PERMANENT RAISED PAVEMENT MARKERS
26.72	ACR	SEEDING & MULCHING
1,200	LF	INDUCTIVE LOOP SAWCUT
		***** BEGIN SCHEDULE AA *****
		***** (2 ALTERNATES) *****
125,312	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
122,625	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
51,766	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
4,607	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		*** OR ***
2,177	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
870	TON	GENERIC PAVING ITEM RECYCLED MATERIAL PATCHING
487,060	GAL	GENERIC PAVING ITEM EMULSION FOR CIR
247,937	SY	GENERIC PAVING ITEM CIR COLD RECYCLING OF ASPHALT MATERIAL

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 005

CONTRACT ID : C200848 33333.2.3

DIV OFFICE FAYETTEVILLE

LENGTH = 0.521 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : NOV 15 2005

BRIDGE OVER CSX RAILROAD & APPROACHES ON NC-20.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)	
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	
800	CY	UNCLASSIFIED EXCAVATION	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+60.26)	
300	CY	UNDERCUT EXCAVATION	
115,360	CY	BORROW EXCAVATION	
71	CY	DRAINAGE DITCH EXCAVATION	
2,380	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	
3,630	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	
200	CY	SELECT GRANULAR MATERIAL	
200	SY	FABRIC FOR SOIL STABILIZATION	
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
72	LF	15" SIDE DRAIN PIPE	
28	LF	18" SIDE DRAIN PIPE	
116	LF	15" RC PIPE CULVERTS, CLASS III	
100	LF	42" RC PIPE CULVERTS, CLASS III	
216	LF	15" CS PIPE CULVERTS, 0.064" THICK	
4	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	
503	LF	PIPE REMOVAL	
Lump Sum	LS	FINE GRADING	
50	TON	INCIDENTAL STONE BASE	
4,450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
1,350	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
3,600	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
471	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	
4.5	CY	ENDWALLS	
6	EA	MASONRY DRAINAGE STRUCTURES	
5	EA	FRAME WITH TWO GRATES, STD 840.29	
1	EA	FRAME WITH COVER, STD 840.54	
159	LF	SHOULDER BERM GUTTER	
3,225	LF	STEEL BM GUARDRAIL	
5	EA	ADDITIONAL GUARDRAIL POSTS	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
3,655	LF	REMOVE EXISTING GUARDRAIL	
15	TON	PLAIN RIP RAP, CLASS B	
37	SY	FILTER FABRIC FOR DRAINAGE	
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	
560	SF	WORK ZONE SIGNS (STATIONARY)	
224	SF	WORK ZONE SIGNS (PORTABLE)	
132	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
4	EA	WARNING FLAG SETS	
116	EA	DRUMS	
96	EA	CONES	
120	LF	BARRICADES (TYPE III)	
1,400	HR	FLAGGER	
36,031	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
36,031	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)	

96	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)	
820	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")	
228	EA	PERMANENT RAISED PAVEMENT MARKERS	
2,125	LF	TEMPORARY SILT FENCE	
75	TON	STONE FOR EROSION CONTROL, CLASS A	
15	TON	STONE FOR EROSION CONTROL, CLASS B	
275	TON	SEDIMENT CONTROL STONE	
12.5	ACR	TEMPORARY MULCHING	
450	LB	SEED FOR TEMPORARY SEEDING	
1.75	TON	FERTILIZER FOR TEMPORARY SEEDING	
1,175	LF	TEMPORARY SLOPE DRAINS	
16	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
3,395	CY	SILT EXCAVATION	
3,675	SY	MATTING FOR EROSION CONTROL	
706	SY	PERMANENT SOIL REINFORCEMENT MAT	
100	LF	1/4" HARDWARE CLOTH	
19.5	ACR	SEEDING & MULCHING	
7.5	ACR	MOWING	
150	LB	SEED FOR REPAIR SEEDING	
0.25	TON	FERTILIZER FOR REPAIR SEEDING	
300	LB	SEED FOR SUPPLEMENTAL SEEDING	
14.5	TON	FERTILIZER TOPDRESSING	
7.5	HR	SPECIALIZED HAND MOWING	
8	EA	RESPONSE FOR EROSION CONTROL	

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+60.26 -L-)	
2,350	CY	UNCLASSIFIED STRUCTURE EXCAVATION	
6,652	SF	REINFORCED CONCRETE DECK SLAB	
5,485	SF	GROOVING BRIDGE FLOORS	
88.5	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+60.26 -L-)	
12,498	LB	REINFORCING STEEL (BRIDGE)	
174,800	LS	APPROX LBS STRUCTURAL STEEL	
1,070	LF	HP12X53 STEEL PILES	
840	LF	PP ** X **** STEEL PILES (24 X 0.625)	
379.24	LF	CONCRETE BARRIER RAIL	
591	SY	4" SLOPE PROTECTION	
Lump Sum	LS	ELASTOMERIC BEARINGS	
Lump Sum	LS	EVAZOTE JOINT SEALS	
1	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST	

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 006

CONTRACT ID : C200849 33491.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.212 MI

COUNTY : HARNETT

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER BLACK RIVER & APPROACHES ON SR-1780.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	
Lump Sum	LS	CONSTRUCTION SURVEYING	
3,700	CY	UNCLASSIFIED EXCAVATION	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+68)	
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	
500	CY	UNDERCUT EXCAVATION	
Lump Sum	LS	GRADING	
12	CY	DRAINAGE DITCH EXCAVATION	
500	CY	SELECT GRANULAR MATERIAL	
500	SY	FABRIC FOR SOIL STABILIZATION	
300	SF	TEMPORARY SHORING	
28	LF	15" RC PIPE CULVERTS, CLASS III	
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	
130	LF	PIPE REMOVAL	
100	TON	INCIDENTAL STONE BASE	
540	SY	INCIDENTAL MILLING	
1,050	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
675	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	
715	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
127	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
2	EA	MASONRY DRAINAGE STRUCTURES	
2	EA	FRAME WITH TWO GRATES, STD 840.29	
95	LF	SHOULDER BERM GUTTER	
500	LF	STEEL BM GUARDRAIL	
5	EA	ADDITIONAL GUARDRAIL POSTS	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
687.5	LF	REMOVE EXISTING GUARDRAIL	
2	TON	PLAIN RIP RAP, CLASS B	
232	SY	FILTER FABRIC FOR DRAINAGE	
20	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	
23.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	
135	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	
3	EA	SIGN ERECTION, TYPE D	
5	EA	SIGN ERECTION, TYPE E	
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD	
110	SF	WORK ZONE SIGNS (STATIONARY)	
96	SF	WORK ZONE SIGNS (PORTABLE)	
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
49	EA	DRUMS	
25	EA	CONES	
4	MD	FLAGGER	
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	
38	EA	TEMPORARY RAISED PAVEMENT MARKERS	
19,520	LF	PAINT PAVEMENT MARKING LINES (4")	
900	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
20	EA	PERMANENT RAISED PAVEMENT MARKERS	
700	LF	TEMPORARY SILT FENCE	
75	TON	STONE FOR EROSION CONTROL, CLASS A	
130	TON	STONE FOR EROSION CONTROL, CLASS B	

40	TON	SEDIMENT CONTROL STONE	
0.5	ACR	TEMPORARY MULCHING	
50	LB	SEED FOR TEMPORARY SEEDING	
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING	
50	LF	TEMPORARY SLOPE DRAINS	
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
10	CY	SILT EXCAVATION	
1,205	SY	MATTING FOR EROSION CONTROL	
40	LF	1/4" HARDWARE CLOTH	
0.5	ACR	SEEDING & MULCHING	
0.5	ACR	MOWING	
50	LB	SEED FOR REPAIR SEEDING	
0.25	TON	FERTILIZER FOR REPAIR SEEDING	
50	LB	SEED FOR SUPPLEMENTAL SEEDING	
0.25	TON	FERTILIZER TOPDRESSING	
2	HR	SPECIALIZED HAND MOWING	
0.75	ACR	REFORESTATION	

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+68.00 -L-)	
57.4	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+68.00 -L-)	
9,795	LB	REINFORCING STEEL (BRIDGE)	
760	LF	HP12X53 STEEL PILES	
1,075	LF	HP14X73 STEEL PILES	
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (17+68.00 -L-)	
355.8	LF	CONCRETE BARRIER RAIL	
245	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)	
275	SY	FILTER FABRIC FOR DRAINAGE	
Lump Sum	LS	ELASTOMERIC BEARINGS	
2,128.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS	
Lump Sum	LS	GENERIC STRUCTURE ITEM MAINTENANCE & REMOVAL OF TEMPORARY STR @ STA 17+68.00 -L-	

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 007

CONTRACT ID : C200812 33084.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.284 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 12.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER NORTH BUFFALO CREEK & APPROACHES ON SR-2832.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+60.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
31	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
80	LF	15" SIDE DRAIN PIPE
116	LF	15" RC PIPE CULVERTS, CLASS III
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
68	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
36	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
720	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
470	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
103	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
4	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	FRAME WITH TWO GRATES, STD 840.29
100	LF	SHOULDER BERM GUTTER
350	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
362.5	LF	TEMPORARY STEEL BM GUARDRAIL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (W-BEAM GR TO BRIDGE)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (W-BEAM)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
7	TON	PLAIN RIP RAP, CLASS I
3	TON	PLAIN RIP RAP, CLASS B
618	SY	FILTER FABRIC FOR DRAINAGE
10	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
24	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
18	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
100	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
50	EA	CONES
80	LF	BARRICADES (TYPE III)
150	MD	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
610	LF	PORTABLE CONCRETE BARRIER
29,200	LF	PAINT PAVEMENT MARKING LINES (4")
720	LF	TEMPORARY SILT FENCE

75	TON	STONE FOR EROSION CONTROL, CLASS A
500	TON	STONE FOR EROSION CONTROL, CLASS B
375	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
40	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,000	CY	SILT EXCAVATION
575	SY	SYNTHETIC ROVING
850	SY	MATTING FOR EROSION CONTROL
100	LF	1/4" HARDWARE CLOTH
10	EA	SPECIAL STILLING BASINS
4	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
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+60.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+60.00 -L-)
23	LF	***,***" DIA DRILLED PIERS IN SOIL (3'-0")
43	LF	***,***" DIA DRILLED PIERS NOT IN SOIL (3'-0")
33	LF	PERMANENT STEEL CASING FOR ***,***" DIA DRILLED PIER (3'-0")
2	EA	CROSSHOLE SONIC LOGGING
330	LF	CSL TUBES
82	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+60.00 -L-)
19,700	LB	REINFORCING STEEL (BRIDGE)
2,618	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
320	LF	HP12X53 STEEL PILES
274.92	LF	CONCRETE BARRIER RAIL
531	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
589	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,061.88	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 008

CONTRACT ID : C200845 33178.3.2

DIV OFFICE GREENSBORO

LENGTH = 0.068 MI

COUNTY : CASWELL

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER LYNCH CREEK & APPROACHES ON SR-1723.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+95.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
150	CY	UNDERCUT EXCAVATION
95	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
15	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
52	LF	15" RC PIPE CULVERTS, CLASS III
72	LF	****BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")
4	EA	*** BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064")
130	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
115	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
6	EA	RIGHT OF WAY MARKERS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
225	LF	SHOULDER BERM GUTTER
462.5	LF	STEEL BM GUARDRAIL
125	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
200	LF	REMOVE & RESET EXISTING GUARDRAIL
20	TON	PLAIN RIP RAP, CLASS B
216	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
18	TON	GENERIC EROSION CONTROL ITEM BOULDERS
33.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
83	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
7	EA	SIGN ERECTION, TYPE E
1	EA	RELOCATE SIGN, TYPE ***** (E)
13	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
293	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
48	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	WARNING FLAG SETS
40	EA	DRUMS
112	LF	BARRICADES (TYPE III)
10	MD	FLAGGER
3,536	LF	PAINT PAVEMENT MARKING LINES (4")
555	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
105	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING

135	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
125	CY	SILT EXCAVATION
610	SY	MATTING FOR EROSION CONTROL
125	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
100	SY	FLOATING TURBIDITY CURTAIN
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+95.00 -L-)
532	CY	UNCLASSIFIED STRUCTURE EXCAVATION
3,730	SF	REINFORCED CONCRETE DECK SLAB
3,523	SF	GROOVING BRIDGE FLOORS
47.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+95.00 -L-)
6,232	LB	REINFORCING STEEL (BRIDGE)
174,950	LS	APPROX LBS STRUCTURAL STEEL
540	LF	HP12X53 STEEL PILES
236.67	LF	CONCRETE BARRIER RAIL
1,314	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
1,459	SY	FILTER FABRIC FOR DRAINAGE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L040518 009

CONTRACT ID : C201077 34632.3.1

DIV OFFICE GREENSBORO

LENGTH = 3.659 MI

COUNTY : ORANGE

WEIGH STATION UPGRADE.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : SEP 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

L040518 010

CONTRACT ID : C201195 33227.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.212 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER CABLE CREEK AND APPROACHES ON SR-1320.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	UNDERCUT EXCAVATION
450	CY	DRAINAGE DITCH EXCAVATION
24	CY	SELECT GRANULAR MATERIAL
320	SF	TEMPORARY SHORING
50	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
188	LF	15" SIDE DRAIN PIPE
76	LF	24" SIDE DRAIN PIPE
168	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.138")
32	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
416	LF	PIPE REMOVAL
1,190	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
800	GAL	PRIME COAT
480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
330	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
820	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
90	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	EA	METAL FUNNELS
12	LF	12" FUNNEL DRAIN PIPE
1	EA	12" FUNNEL DRAIN PIPE ELBOWS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
535	LF	SHOULDER BERM GUTTER
90	SY	4" CONCRETE PAVED DITCH
700	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
250	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
34	TON	PLAIN RIP RAP, CLASS I
97	TON	PLAIN RIP RAP, CLASS A
445	TON	PLAIN RIP RAP, CLASS B
1,675	SY	FILTER FABRIC FOR DRAINAGE
12.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
27	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E
10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
218	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
46	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
52	EA	DRUMS
30	EA	CONES
72	LF	BARRICADES (TYPE III)
1,880	HR	FLAGGER
4	EA	WARNING LIGHTS (TYPE B)
71	EA	TEMPORARY RAISED PAVEMENT MARKERS
26,647	LF	PAINT PAVEMENT MARKING LINES (4")
120	LF	PAINT PAVEMENT MARKING LINES (24")
15	EA	PERMANENT RAISED PAVEMENT MARKERS

700	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
550	TON	STONE FOR EROSION CONTROL, CLASS B
175	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
850	CY	SILT EXCAVATION
425	SY	SYNTHETIC ROVING
775	SY	MATTING FOR EROSION CONTROL
220	SY	PERMANENT SOIL REINFORCEMENT MAT
50	LF	1/4" HARDWARE CLOTH
50	CY	STILLING BASINS
3	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
1.25	TON	FERTILIZER TOPDRESSING
250	LF	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
125	CY	CULVERT DIVERSION CHANNEL
0.82	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+73.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (17+73.00-L-)
120	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
197.4	CY	CLASS A CONCRETE (CULVERT)
32,455	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 011

CONTRACT ID : C200149 32692.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.149 MI

COUNTY : STOKES

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2005

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

L040518 012

CONTRACT ID : C201194 34408.3.3

DIV OFFICE ALBEMARLE

LENGTH = 1.989 KM

COUNTY : CABARRUS

GRADING, DRAINAGE, PAVING, C&G & CULVERTS.

DBE GOAL 13.0% COMPLETION DATE : JUL 01 2006

CONCORD-KANNAPOLIS WESTSIDE BYPASS EXT FROM SR-1431 (WEDDINGTON RD) TO SR-1555 (GRAND CANYON RD).

ROADWAY ITEMS					
			3	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			6	M	150MM OUTLET PIPE (SUBDRAINS)
Lump Sum	LS	MOBILIZATION	1,300	M	SHOULDER DRAIN
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	1,300	M	100MM SHOULDER DRAIN PIPE
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	75	M	100MM OUTLET PIPE (SHOULDER DRAINS)
1	EA	SEALING ABANDONED WELLS	5	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
115,000	M3	UNCLASSIFIED EXCAVATION	10	MTN	BLOTTING SAND
8,400	M3	UNDERCUT EXCAVATION	6	M3	ENDWALLS
1,000	MTN	CLASS IV SUBGRADE STABILIZATION	1	M3	PIPE COLLARS
31,000	M3	BORROW EXCAVATION	10	M3	FLOWABLE FILL
1,250	M3	DRAINAGE DITCH EXCAVATION	73	EA	MASONRY DRAINAGE STRUCTURES
9,200	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	9	EA	FRAME WITH TWO GRATES, STD 840.*****(840.20)
6,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	6	EA	FRAME WITH TWO GRATES, STD 840.16
15	HR	PROOF ROLLING	22	EA	FRAME WITH TWO GRATES, STD 840.22
1,000	M3	SELECT GRANULAR MATERIAL	2	EA	FRAME WITH TWO GRATES, STD 840.24
600	M2	FABRIC FOR SOIL STABILIZATION	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
870	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
13.2	M	375MM SIDE DRAIN PIPE	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
18	M	450MM SIDE DRAIN PIPE	3	EA	FRAME WITH COVER, STD 840.54
1,080	M	375MM RC PIPE CULVERTS, CLASS III	3	EA	CONCRETE APRON FOR DROP INLETS
696	M	450MM RC PIPE CULVERTS, CLASS III	90	M	450MM CONCRETE CURB & GUTTER
230.4	M	600MM RC PIPE CULVERTS, CLASS III	1,915	M	750MM CONCRETE CURB & GUTTER
346.8	M	750MM RC PIPE CULVERTS, CLASS III	890	M	SHOULDER BERM GUTTER
220.8	M	900MM RC PIPE CULVERTS, CLASS III	130	M2	100MM CONCRETE SIDEWALK
51.6	M	1050MM RC PIPE CULVERTS, CLASS III	150	M2	CONCRETE WHEELCHAIR RAMPS
33.6	M	1200MM RC PIPE CULVERTS, CLASS III	110	M2	150MM CONCRETE DRIVEWAY
3	EA	***MM PIPE END SECTION (375MM)	1,600	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
20.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	24	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
33.6	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	811.53	M	STEEL BM GUARDRAIL
4	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	41.91	M	STEEL BM GUARDRAIL, SHOP CURVED
4	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	10	EA	ADDITIONAL GUARDRAIL POSTS
490	M	PIPE REMOVAL	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
Lump Sum	LS	FINE GRADING	7	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
38,000	M2	LIME TREATED SOIL (SLURRY METHOD)	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
420	MTN	LIME FOR LIME TREATED SOIL	2,660	M	WOVEN WIRE FENCE, 1200MM FABRIC
500	MTN	STABILIZER AGGREGATE	536	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
31,700	MTN	AGGREGATE BASE COURSE	168	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
25,300	M2	***MM SOIL CEMENT BASE (180MM)	100	M	ADDITIONAL BARBED WIRE
770	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	100	M	GENERIC FENCING ITEM REMOVE & RESET EXISTING VINYL FENCE
350	MTN	AGGREGATE FOR SOIL CEMENT BASE	170	MTN	PLAIN RIP RAP, CLASS I
43,100	L	ASPHALT CURING SEAL	280	MTN	PLAIN RIP RAP, CLASS B
200	MTN	INCIDENTAL STONE BASE	2,175	M2	FILTER FABRIC FOR DRAINAGE
7,250	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
17,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	65	M2	WORK ZONE SIGNS (STATIONARY)
14,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	15	M2	WORK ZONE SIGNS (PORTABLE)
2,055	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	18	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
130	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	1	EA	FLASHING ARROW PANELS, TYPE C
332	M3	SUBDRAIN EXCAVATION	5	EA	WARNING FLAG SETS
166	M3	SUBDRAIN FINE AGGREGATE	152	EA	DRUMS
400	M	150MM PERFORATED SUBDRAIN PIPE	39	EA	CONES
42	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	84	M	BARRICADES (TYPE III)
			480	HR	FLAGGER
			25	HR	POLICE

			16	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY BORING & JACKING (900MM, 9.52MM)
85	EA	TEMPORARY RAISED PAVEMENT MARKERS	12	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLANDS
9,500	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	8	EA	GENERIC UTILITY ITEM 200MM RESTRAINED RETAINER GLANDS
7,113	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	20	EA	GENERIC UTILITY ITEM 300MM RESTRAINED RETAINER GLANDS
159	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)	34	EA	GENERIC UTILITY ITEM 600MM RESTRAINED RETAINER GLANDS
1,202	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	1	EA	GENERIC UTILITY ITEM RELOCATE EXISTING 50MM WATER METER WITH BACKFLOW PREVENTER
306	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	4	EA	GENERIC UTILITY ITEM RELOCATE EXISTING WATER METER WITH BACKFLOW PREVENTER
205	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	71	M	GENERIC UTILITY ITEM 150MM DI RESTRAINED JOINT WATER PIPE PC 2.41MPA
15,075	M	PAINT PAVEMENT MARKING LINES (100MM)	21	M	GENERIC UTILITY ITEM 200MM DI RESTRAINED JOINT WATER PIPE PC 2.41MPA
112	M	PAINT PAVEMENT MARKING LINES (600MM)	132	M	GENERIC UTILITY ITEM 300MM DI RESTRAINED JOINT WATER PIPE PC 2.41MPA
145	EA	PERMANENT RAISED PAVEMENT MARKERS	26	M	GENERIC UTILITY ITEM 600MM DI RESTRAINED JOINT WATER PIPE PC 2.41MPA
1,278	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	1,655	M	TEMPORARY SILT FENCE
1,278	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	280	MTN	STONE FOR EROSION CONTROL, CLASS A
15	MTN	PAVEMENT REPAIR FOR UTILITY WORK	4,840	MTN	STONE FOR EROSION CONTROL, CLASS B
36	M	150MM DI WATER PIPE, PC 2.41MPA	1,895	MTN	SEDIMENT CONTROL STONE
82	M	200MM DI WATER PIPE, PC 2.41MPA	12	HA	TEMPORARY MULCHING
807	M	300MM DI WATER PIPE, PC 2.41MPA	475	KG	SEED FOR TEMPORARY SEEDING
1,951	M	600MM DI WATER PIPE, PC ***MPA (1.72MPA)	3.75	MTN	FERTILIZER FOR TEMPORARY SEEDING
2,968	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP	210	M	TEMPORARY SLOPE DRAINS
8	M	***MM COPPER WATER PIPE, TYPE K (50MM)	16	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
110	M	20MM COPPER WATER PIPE, TYPE K	15,435	M3	SILT EXCAVATION
10,553	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP	2,200	M2	SYNTHETIC ROVING
1	EA	***MM CORPORATION STOP (20MM)	3,445	M2	MATTING FOR EROSION CONTROL
15	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	2,000	M2	PERMANENT SOIL REINFORCEMENT MAT
3	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)	400	M	6.4MM HARDWARE CLOTH
12	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)	450	M3	STILLING BASINS
15	EA	***MM BUTTERFLY VALVE & VALVE BOX (600MM)	11	HA	SEEDING & MULCHING
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (600MM X 150MM, 1.38MPA)	7	HA	MOWING
1	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)	150	KG	SEED FOR REPAIR SEEDING
4	EA	***MM AIR RELEASE VALVE & MANHOLE (100MM)	0.5	MTN	FERTILIZER FOR REPAIR SEEDING
15	EA	FIRE HYDRANT, ****MPA WP (1.03MPA)	325	KG	SEED FOR SUPPLEMENTAL SEEDING
4	EA	RELOCATE EXISTING FIRE HYDRANT	18.5	MTN	FERTILIZER TOPDRESSING
3	M	***MM DI SEWER PIPE, PC ***MPA (100MM, 2.41MPA)	0.2	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
158	M	200MM DI SEWER PIPE, PC 2.41MPA	80	M	IMPERVIOUS DIKE
91	M	300MM DI SEWER PIPE, PC 2.41MPA	7	HR	SPECIALIZED HAND MOWING
1	EA	SANITARY SEWER CLEAN-OUT	16	EA	RESPONSE FOR EROSION CONTROL
6	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	276	M3	CULVERT DIVERSION CHANNEL
12	M	PRECAST CONC MANHOLE WALL, ***** DIA, OVER 1.8M HT (1200MM)	2,180	M	SIGNAL CABLE
488	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, PVC WATER)	35	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
569	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (PVC WATER)	6	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
3	EA	REMOVE EXISTING MANHOLE	18	EA	BACKPLATE
251	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (600MM, 6.35MM)	675	M	MESSENGER CABLE (9.52MM)
147	M	450MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (6.35MM)	245	M	TRENCHING (UNPAVED)
			5	EA	JUNCTION BOX (STANDARD SIZE)
			4	EA	WOOD POLE
			8	EA	GUY ASSEMBLY
			1	EA	25MM RISER WITH WEATHERHEAD
			2	EA	50MM RISER WITH WEATHERHEAD
			427	M	INDUCTIVE LOOP SAWCUT
			640	M	LEAD-IN CABLE
			8	EA	METAL STRAIN SIGNAL POLE
			1	EA	SIGN FOR SIGNALS
			2	EA	SIGNAL CABINET FOUNDATION
			2	EA	CABINET BASE ADAPTER
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			1	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR VIDEO SYSTEM
			7	EA	GENERIC SIGNAL ITEM RELOCATE CAMERA SENSOR UNIT
			1	EA	GENERIC SIGNAL ITEM SITE SURVEY

8 EA GENERIC SIGNAL ITEM
SOIL TEST
31 EA GENERIC SIGNAL ITEM
DETECTOR CHANNEL (TYPE 2070L)
40 M GENERIC SIGNAL ITEM
DRILLED PIER FOUNDATION
1050MM DIAMETER

***** BEGIN SCHEDULE HA *****
***** (2 ALTERNATES) *****

4 EA GENERIC SIGNAL ITEM
CAMERA WITH INTERNAL LOOP
EMULATOR PROCESSING UNIT
*** OR ***
4 EA GENERIC SIGNAL ITEM
CAMERA WITHOUT INTERNAL LOOP
EMULATOR PROCESSING UNIT
1 EA GENERIC SIGNAL ITEM
EXTERNAL LOOP EMULATOR
PROCESSING UNIT

*** END SCHEDULE HA ***

CULVERT ITEMS

Lump Sum LS CULVERT EXCAVATION, STA *****
(16+05.200 -L-)
Lump Sum LS CULVERT EXCAVATION, STA *****
(23+74.800 -L-)
247 MTN FOUNDATION CONDITIONING MATER-
IAL, BOX CULVERT
310.8 M3 CLASS A CONCRETE (CULVERT)
26,246 KG REINFORCING STEEL (CULVERT)
16 MTN PLAIN RIP RAP, CLASS **
(I)
27 M2 FILTER FABRIC FOR DRAINAGE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L040518 013

CONTRACT ID : C200839

33382.3.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.079 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER BIG HORSE CREEK & APPROACHES ON SR-1358.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+67.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
150	CY	DRAINAGE DITCH EXCAVATION
1,000	SF	TEMPORARY SHORING
20	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
72	LF	15" RC PIPE CULVERTS, CLASS III
72	LF	24" RC PIPE CULVERTS, CLASS III
1	EA	****" RC FLARED END SECT (24")
52	LF	PIPE REMOVAL
460	TON	AGGREGATE BASE COURSE
75	TON	INCIDENTAL STONE BASE
300	GAL	PRIME COAT
100	SY	INCIDENTAL MILLING
40	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
13	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
9	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
5	LF	SHOULDER BERM GUTTER
240	LF	CONCRETE EXPRESSWAY GUTTER
37.5	LF	STEEL BM GUARDRAIL
150	LF	STEEL BM GUARDRAIL, SHOP CURVED
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
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
200	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
5	TON	PLAIN RIP RAP, CLASS I
3	TON	PLAIN RIP RAP, CLASS B
325	SY	FILTER FABRIC FOR DRAINAGE
298	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
20	EA	CONES
40	LF	BARRICADES (TYPE III)
52	MD	FLAGGER
2	EA	WARNING LIGHTS (TYPE B)
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	RESET TEMPORARY CRASH CUSHIONS
220	LF	PORTABLE CONCRETE BARRIER

120	LF	RESET PORTABLE CONCRETE BAR- RIER
4,121	LF	EPOXY PAVEMENT MARKING LINES (4")
25	LF	EPOXY PAVEMENT MARKING LINES (24")
10,643	LF	PAINT PAVEMENT MARKING LINES (4")
86	LF	PAINT PAVEMENT MARKING LINES (24")
600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
50	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
3	EA	7' U-CHANNEL POSTS
3	EA	OBJECT MARKERS (END OF ROAD)
185	LF	TEMPORARY SILT FENCE
60	TON	STONE FOR EROSION CONTROL, CLASS A
115	TON	STONE FOR EROSION CONTROL, CLASS B
55	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
150	CY	SILT EXCAVATION
650	SY	MATTING FOR EROSION CONTROL
270	SY	PERMANENT SOIL REINFORCEMENT MAT
105	LF	1/4" HARDWARE CLOTH
1	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
2	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
680	LF	SIGNAL CABLE
6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
430	LF	MESSENGER CABLE (3/8")
10	LF	TRENCHING (UNPAVED)
6	EA	WOOD POLE
6	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
1	EA	2" RISER WITH WEATHERHEAD
680	LF	LEAD-IN CABLE
3	EA	MICROWAVE VEHICLE DETECTOR
1	EA	SIGN FOR SIGNALS
1	EA	CABINET BASE ADAPTER
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
2	EA	DETECTOR CARD (TYPE 2070L)

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+67.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+67.50 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 16+67.50 -L-)
35	LF	**..**" DIA DRILLED PIERS NOT IN SOIL (3'-6")
1	EA	CROSSHOLE SONIC LOGGING
210	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+67.50 -L-)

2,024	SF	REINFORCED CONCRETE DECK SLAB
1,730	SF	GROOVING BRIDGE FLOORS
108.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+67.50 -L-)
23,075	LB	REINFORCING STEEL (BRIDGE)
2,244	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
262.92	LF	36" PRESTRESSED CONCRETE GIR- DERS
70	LF	HP12X53 STEEL PILES
7	EA	STEEL PILE POINTS
90.67	LF	ONE BAR METAL RAIL
105.67	LF	1'-**"X ***** CONCRETE PARA- PET (1'-0" X 1'-6")
159	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
178	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

L040518 014

CONTRACT ID : C200833 33279.3.2

DIV OFFICE SHELBY

LENGTH = 0.127 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING & PRECAST CULVERT.

DBE GOAL 6.0% COMPLETION DATE : NOV 15 2004

BRIDGE OVER ASHEWORTH CREEK AND APPROACHES ON SR-1209.

ROADWAY ITEMS

CULVERT ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
150	CY	UNDERCUT EXCAVATION
75	CY	DRAINAGE DITCH EXCAVATION
50	CY	SELECT GRANULAR MATERIAL
9	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
52	LF	15" SIDE DRAIN PIPE
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
24	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
340	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
250	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
250	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
43	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
135	LF	SHOULDER BERM GUTTER
350	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
63	TON	PLAIN RIP RAP, CLASS B
490	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
329	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	WARNING FLAG SETS
120	LF	BARRICADES (TYPE III)
5,200	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	PERMANENT RAISED PAVEMENT MARKERS
600	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
225	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
310	CY	SILT EXCAVATION
240	SY	SYNTHETIC ROVING
510	SY	MATTING FOR EROSION CONTROL
20	LF	1/4" HARDWARE CLOTH
1	EA	SPECIAL STILLING BASINS
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
90	LF	IMPERVIOUS DIKE
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+83.00 -L-)
64.3	CY	CLASS A CONCRETE (CULVERT)
146	TON	PLAIN RIP RAP, CLASS ** (1)
Lump Sum	LS	GENERIC CULVERT ITEM PRECAST REINF CONC THREESIDED CULVERT, STA 12+83.00-L-

