



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

April 22, 2003

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 2003 through June 2004. 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 22, 2003

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 2003 through June 2004. 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)

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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 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 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

March 18, 2003

MEMORANDUM TO: Electronic Bidders

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

SUBJECT: Upgrade to Expedite 5.1a

Please be advised that effective with the March 18th, 2003 bid letting, North Carolina Department of Transportation will be upgrading from Expedite 4.3b to Expedite 5.1a. These two versions of software are not backward compatible, meaning files generated in one version can not be opened in the other version. So, the timing and upgrade of this software on your part is extremely critical in submitting bids to North Carolina for March 2003 and forward.

This new version of software is available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. Before upgrading your software, please ensure you have backed up your Digital ID. If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended that you then uninstall the Expedite 4.3b version to ensure no confusion in the future. Once you have installed Expedite 5.1a, you need to enter your Bidder Information and Agency ID. The digital ID backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any part of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888, to have them walk you through this upgrade. The staff in Design Services Contract Office is also available for any further questions you may have concerning this transition.

Bid Express
<http://www.bidx.com>

NC Department of Transportation
http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/expedi/

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 **10:00AM ON MAY 20, 2003**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 10:00 A.M.

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

THE BIDDER SHALL FURNISH A NON-COLLUSION AFFIDAVIT FOR EACH BID. AFFIDAVIT FORMS WILL BE INCLUDED IN THE PROPOSAL AS PART OF THE SIGNATURE SHEETS.

A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL USE THE STANDARD BID BOND FORM OF THE DEPARTMENT OF TRANSPORTATION, UNLESS HE ELECTS TO FURNISH A BID DEPOSIT. COPIES OF THIS BOND FORM WILL BE ENCLOSED WITH EACH PROPOSAL FORM. ADDITIONAL BOND FORMS MAY BE OBTAINED FROM THE RALEIGH OFFICE. (PHONE - 919-250-4124).

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

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

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 22, 2003.
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 DRIVE	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 830-3490
00003	H. A. Pope	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	J. H. Trogdon, III	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	W. F. Rosser	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	ABLEMARLE	(704) 982-0101
00011	R. C. McCann	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 L030520

RPN	Contract Id	WorkOrder	County	Length	JobType
001	C200721	8.1391401	VANCE	7.410 MI	MEDIAN GUARDRAIL.
002	C200710	8.1441604	CUMBERLAND	0.000 KM	SIGNING.
003	C200714	8.1463203	ROBESON	0.247 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
004	C200675	8.2472004	ALAMANCE	1.446 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
005	C200586	9.8091881	FORSYTH	0.611 KM	WIDENING, GRADING, DRAINAGE & PAVING.
006	C200708	8.2751103	WATAUGA	0.115 KM	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C200718	8.1846202	BUNCOMBE	0.000 MI	OVERHEAD & GROUND MOUNTED SIGN ASSEMBLIES
008	C200716	8.1846102ETC	BUNCOMBE, HENDERSON	0.000 MI	OVERHEAD DYNAMIC MESSAGE SIGNS & GUARDRAIL.
009	C200735	8.1846102ETC	BUNCOMBE, HENDERSON	0.000 MI	OVERHEAD & GROUND MOUNTED SIGN ASSEMBLIES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L030520 001****CONTRACT ID : C200721 8.1391401****DIV OFFICE DURHAM****LENGTH = 7.410 MI****COUNTY : VANCE****MEDIAN GUARDRAIL.****DBE GOAL 1.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****US-1 FROM US-1 BUS TO US-158.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
67,200	LF	STEEL BM GUARDRAIL
76	LF	TRIPLE CORRUGATED STEEL BM GUARDRAIL
666.7	LF	20" TUBULAR TRIPLE CORRUGATED STEEL BM GUARDRAIL
8	EA	W-TR STEEL BM GUARDRAIL TRAN- SITION SECTIONS
20	EA	ADDITIONAL GUARDRAIL POSTS
13	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
17	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
1,600	LF	REMOVE EXISTING GUARDRAIL
912	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGNS
300	EA	DRUMS
4	EA	WARNING LIGHTS (TYPE B)
3	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
21	ACR	MOWING
21	HR	SPECIALIZED HAND MOWING
6.4	ACR	GENERIC EROSION CONTROL ITEM SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 002

CONTRACT ID : C200710 8.1441604

DIV OFFICE FAYETTEVILLE

LENGTH = 0.000 KM

COUNTY : CUMBERLAND

SIGNING.

DBE GOAL 0.0% COMPLETION DATE : NOV 01 2004

US-401 BYPASS FROM US-401B (RAEFORD RD) TO NC-24 (BRAGG BLVD) IN FAYETTEVILLE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	EA	GENERIC SIGNING ITEM DMS SYSTEM CLIENT COMPUTER
1	EA	GENERIC SIGNING ITEM DMS SYSTEM CONTROL SOFTWARE
1	EA	GENERIC SIGNING ITEM DMS SYSTEM LAPTOP COMPUTER
1	EA	GENERIC SIGNING ITEM DMS SYSTEM SERVER COMPUTER
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTEN- ANCE TRAINING
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-1"
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-2"
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-1"
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-2"
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
75	M2	WORK ZONE SIGNS (PORTABLE)
19	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGNS
6	EA	WARNING FLAG SETS
120	EA	DRUMS
59	M	BARRICADES (TYPE III)
2	EA	WARNING LIGHTS (TYPE B)
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)
144	HR	POLICE
Lump Sum	LS	PORTABLE LIGHTING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 003

CONTRACT ID : C200714 8.1463203

DIV OFFICE FAYETTEVILLE

LENGTH = 0.247 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGES OVER RICHLAND SWAMP & APPROACHES ON NC-72.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+02.00-L-)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
1,000	CY	UNDERCUT EXCAVATION			
1,000	CY	SELECT GRANULAR MATERIAL			
33	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
20	LF	18" SIDE DRAIN PIPE			
32	LF	15" RC PIPE CULVERTS, CLASS III			
108	LF	18" RC PIPE CULVERTS, CLASS III			
136	LF	60" RC PIPE CULVERTS, CLASS III			
16	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			
96	LF	PIPE REMOVAL			
980	TON	AGGREGATE BASE COURSE			
200	TON	INCIDENTAL STONE BASE			
350	SY	INCIDENTAL MILLING			
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
570	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
340	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
60	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
8	CY	REINFORCED ENDWALLS			
2	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.29			
102	LF	SHOULDER BERM GUTTER			
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
950	LF	STEEL BM GUARDRAIL			
75	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
150	TON	PLAIN RIP RAP, CLASS II			
15	TON	PLAIN RIP RAP, CLASS B			
500	SY	FILTER FABRIC FOR DRAINAGE			
12.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)			
40	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE E			
1	EA	SIGN ERECTION, TYPE F			
2	EA	RELOCATE SIGN, TYPE ***** (D,E, OR F)			
5	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
10	EA	DISPOSAL OF SIGN SYSTEM, WOOD			
276	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
119	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	WARNING FLAG SETS			
20	EA	DRUMS			
20	EA	CONES			
96	LF	BARRICADES (TYPE III)			
640	HR	FLAGGER			

5	EA	TEMPORARY RAISED PAVEMENT MARKERS			
2,820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
2,770	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
35	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
2,200	LF	PAINT PAVEMENT MARKING LINES (4")			
70	LF	PAINT PAVEMENT MARKING LINES (24")			
19	EA	PERMANENT RAISED PAVEMENT MARKERS			
11	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (V)			
11	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (V)			
4	LF	6" DI WATER PIPE, PC 350			
197.5	LF	8" PVC WATER PIPE, SDR ***** * (SDR 21)			
505	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP			
1	EA	6" GATE VALVE & VALVE BOX, 200# WP			
1	EA	RELOCATE EXISTING FIRE HYDRANT			
1,820	LF	TEMPORARY SILT FENCE			
150	TON	STONE FOR EROSION CONTROL, CLASS A			
390	TON	STONE FOR EROSION CONTROL, CLASS B			
115	TON	SEDIMENT CONTROL STONE			
1.5	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			
620	CY	SILT EXCAVATION			
500	SY	SYNTHETIC ROVING			
500	SY	MATTING FOR EROSION CONTROL			
40	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			
3.5	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			
0.2	ACR	GENERIC EROSION CONTROL ITEM SPECIALIZED SEEDING UNDER GUARDRAIL & GUIDERAIL (CENTIP- EDE)			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (14+02.00-L-)			
717	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION			
56.2	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+02.00-L-)			
10,036	LB	REINFORCING STEEL (BRIDGE)			
840	LF	HP12X53 STEEL PILES			
880	LF	HP14X73 STEEL PILES			
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (14+02.00-L-)			
195	LF	CONCRETE BARRIER RAIL			

409	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
454	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,462.51	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 004

CONTRACT ID : C200675 8.2472004

DIV OFFICE GREENSBORO

LENGTH = 1.446 KM

COUNTY : ALAMANCE

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : JUN 15 2005

NEW ROUTE ALONG SR-1311 (COOKE RD) & SR-1301 (SHALLOWFORD CHURCH RD) FROM US-70 AT ST MARK'S CHURCH RD TO SR-1309.

ROADWAY ITEMS					
		4	EA	GENERIC PAVING ITEM	
				CONCRETE BOLLARD	
		166	M3	SUBDRAIN EXCAVATION	
		83	M3	SUBDRAIN FINE AGGREGATE	
		200	M	150MM PERFORATED SUBDRAIN PIPE	
		20	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	
		2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	
		4	M	150MM OUTLET PIPE (SUBDRAINS)	
		1	M3	PIPE PLUGS	
		50	EA	MASONRY DRAINAGE STRUCTURES	
		1.04	M	MASONRY DRAINAGE STRUCTURES	
		5	EA	FRAME WITH TWO GRATES, STD 840.16	
		2	EA	FRAME WITH TWO GRATES, STD 840.24	
		3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
		22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
		12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
		2	EA	FRAME WITH COVER, STD 840.54	
		6	EA	CONCRETE APRON FOR CATCH BASIN	
		5	EA	CONCRETE APRON FOR DROP INLETS	
		2,050	M	450MM CONCRETE CURB & GUTTER	
		2,790	M	750MM CONCRETE CURB & GUTTER	
		80	M2	CONCRETE WHEELCHAIR RAMPS	
		12	M2	150MM CONCRETE DRIVEWAY	
		1,100	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
		8	EA	ADJUSTMENT OF MANHOLES	
		4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	
		571.5	M	STEEL BM GUARDRAIL	
		5	EA	ADDITIONAL GUARDRAIL POSTS	
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
		8	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
		4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	
		115	MTN	PLAIN RIP RAP, CLASS I	
		94	MTN	PLAIN RIP RAP, CLASS B	
		1,939	M2	FILTER FABRIC FOR DRAINAGE	
		1,225	M2	GENERIC EROSION CONTROL ITEM TURF REINFORCEMENT MAT	
		52	MTN	GENERIC EROSION CONTROL ITEM BOULDERS	
		52	MTN	GENERIC EROSION CONTROL ITEM FOOTER STONES	
		214	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	
		1	EA	SIGN ERECTION, TYPE D	
		44	EA	SIGN ERECTION, TYPE E	
		2	EA	SIGN ERECTION, TYPE F	
		1	EA	RELOCATE SIGN, TYPE ***** (D)	
		8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	
		1	EA	DISPOSAL OF SUPPORT, U-CHANNEL	
		15	M2	WORK ZONE SIGNS (STATIONARY)	
		19	M2	WORK ZONE SIGNS (PORTABLE)	
		6	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	
		2	EA	FLASHING ARROW PANELS, TYPE C	
		82	EA	DRUMS	
		35	EA	CONES	
		20	M	BARRICADES (TYPE III)	
		960	HR	FLAGGER	
		4	EA	WARNING LIGHTS (TYPE B)	
		1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	
Lump Sum	LS			MOBILIZATION	
Lump Sum	LS			CLEARING & GRUBBING ... HEC-TARE(S)	
	1	HA		SUPPLEMENTARY CLEARING & GRUBBING	
	33,180	M3		UNCLASSIFIED EXCAVATION	
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+50.659, LT)	
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+64.682, RT)	
	1,200	M3		UNDERCUT EXCAVATION	
	200	MTN		CLASS IV SUBGRADE STABILIZATION	
	22,550	M3		BORROW EXCAVATION	
	3,905	M3		DRAINAGE DITCH EXCAVATION	
	425	M		BERM DITCH CONSTRUCTION	
	175	M2		REMOVAL OF EXISTING ASPHALT PAVEMENT	
	65	M2		BREAKING OF EXISTING ASPHALT PAVEMENT	
	6.5	HR		PROOF ROLLING	
	1,000	M3		SELECT GRANULAR MATERIAL	
	1,000	M2		FABRIC FOR SOIL STABILIZATION	
	400	MTN		FOUNDATION CONDITIONING MATERIAL, MINOR STRS	
	250	M3		GENERIC DRAINAGE ITEM SELECT MATERIAL CLASS VII	
	13.2	M		450MM SIDE DRAIN PIPE	
	565	M		375MM RC PIPE CULVERTS, CLASS III	
	234	M		450MM RC PIPE CULVERTS, CLASS III	
	28.8	M		600MM RC PIPE CULVERTS, CLASS III	
	314.4	M		750MM RC PIPE CULVERTS, CLASS III	
	33.6	M		400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
	17.4	M		600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
	25.8	M		800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
	6	EA		400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK (400MM, 1.63MM)	
	2	EA		600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK (600MM, 1.63MM)	
	4	EA		800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK (800MM, 2.01MM)	
	90	M		PIPE REMOVAL	
Lump Sum	LS			FINE GRADING	
	18,250	M2		LIME TREATED SOIL (SLURRY METHOD)	
	225	MTN		LIME FOR LIME TREATED SOIL	
	250	MTN		STABILIZER AGGREGATE	
	1,280	MTN		AGGREGATE BASE COURSE	
	7,000	M2		***MM SOIL CEMENT BASE (180MM)	
	200	MTN		PORTLAND CEMENT FOR SOIL CEMENT BASE	
	100	MTN		AGGREGATE FOR SOIL CEMENT BASE	
	2,200	L		ASPHALT CURING SEAL	
	500	MTN		INCIDENTAL STONE BASE	
	5,650	MTN		ASPHALT CONC BASE COURSE, TYPE B25.0B	
	8,125	MTN		ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
	4,975	MTN		ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
	949	MTN		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
	100	MTN		ASPHALT PLANT MIX PAVEMENT REPAIR	

			19.2	M	GENERIC UTILITY ITEM 25MM PE WATER TUBING SDR 9, 1.38MPA WP
			30	M	GENERIC UTILITY ITEM 300MM DI RJ WATER PIPE, 2.41MPA WP
160	HR	POLICE			
128	EA	TEMPORARY RAISED PAVEMENT MARKERS			
6,232	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	3	M3	GENERIC UTILITY ITEM CONCRETE THRUST COLLAR
2,755	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	550	M	TEMPORARY SILT FENCE
95	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	250	MTN	STONE FOR EROSION CONTROL, CLASS A
160	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)	1,350	MTN	STONE FOR EROSION CONTROL, CLASS B
120	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	1,250	MTN	SEDIMENT CONTROL STONE
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	18.5	HA	TEMPORARY MULCHING
76	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	725	KG	SEED FOR TEMPORARY SEEDING
270	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)	6	MTN	FERTILIZER FOR TEMPORARY SEED- ING
17,974	M	PAINT PAVEMENT MARKING LINES (100MM)	100	M	TEMPORARY SLOPE DRAINS
510	M	PAINT PAVEMENT MARKING LINES (200MM)	10	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
240	M	PAINT PAVEMENT MARKING LINES (600MM)	3,400	M3	SILT EXCAVATION
16	EA	PAINT PAVEMENT MARKING CHARAC- TER	1,400	M2	SYNTHETIC ROVING
136	EA	PAINT PAVEMENT MARKING SYMBOL	2,300	M2	MATTING FOR EROSION CONTROL
400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	360	M	6.4MM HARDWARE CLOTH
116	EA	PERMANENT RAISED PAVEMENT MARKERS	20	EA	SPECIAL STILLING BASINS
3	EA	2.1M U-CHANNEL POSTS	17.5	HA	SEEDING & MULCHING
3	EA	OBJECT MARKERS (END OF ROAD)	10.5	HA	MOWING
Lump Sum	LS	PORTABLE LIGHTING	225	KG	SEED FOR REPAIR SEEDING
49.3	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (V)	0.75	MTN	FERTILIZER FOR REPAIR SEEDING
49.3	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (V)	500	KG	SEED FOR SUPPLEMENTAL SEEDING
67.6	M	150MM DI WATER PIPE, PC 2.41MPA	29	MTN	FERTILIZER TOPDRESSING
12.1	M	300MM DI WATER PIPE, PC 2.41MPA	40	M	IMPERVIOUS DIKE
1,636	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP	5	HR	SPECIALIZED HAND MOWING
367	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP	12	EA	RESPONSE FOR EROSION CONTROL
30.3	M	20MM PE WATER TUBING, SDR 9, *****MPA WP (1.38MPA WP)	125	M3	CULVERT DIVERSION CHANNEL
2	EA	25MM CORPORATION STOP	0.8	HA	STREAMBANK REFORESTATION
2	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	400	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
1	EA	300MM GATE VALVE & VALVE BOX, *****MPA WP (1.38MPA WP)	400	M2	GENERIC EROSION CONTROL ITEM LIVE STAKING
2	EA	*** X ***MM TAPPING SADDLE (200MM X 25MM)	219	M	GENERIC EROSION CONTROL ITEM COIR FIBER ROLLS
7	EA	RELOCATE EXISTING WATER METER	200	M	GENERIC EROSION CONTROL ITEM TREE PROTECTION FENCE
2	EA	RELOCATE EXISTING FIRE HYDRANT	8	EA	PEDESTRIAN SIGNAL HEAD (300MM, 2 SECTION)
133.6	M	***MM PVC SEWER PIPE, SDR 35 (400MM)	1,850	M	SIGNAL CABLE
94.6	M	300MM PVC SEWER PIPE, SDR 35	16	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
2	EA	SANITARY SEWER CLEAN-OUT	8	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
6	EA	*****MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH (1200MM)	190	M	MESSENGER CABLE (6.35MM)
6.5	M	PRECAST CONC MANHOLE WALL, *****MM DIA, OVER 1.8M HT (1200MM)	170	M	MESSENGER CABLE (9.52MM)
112.8	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (375MM, PVC)	1,115	M	TRACER WIRE
60.8	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (PVC)	24	M	TRENCHING (PAVED)
2	EA	BREAK DOWN & REBUILD EXISTING MANHOLE	2,030	M	TRENCHING (UNPAVED)
24	M	300MM STEEL ENCASMENT PIPE, *****MM THICK, BY BORING & JACKING (4.77MM)	360	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)
4	EA	GENERIC UTILITY ITEM WATER TIGHT MANHOLE RING & COVER	22	EA	JUNCTION BOX (STANDARD SIZE)
31.2	M	GENERIC UTILITY ITEM 100MM PVC SEWER PIPE, SCH 40	12	EA	JUNCTION BOX (OVER-SIZED)
30	M	GENERIC UTILITY ITEM 200MM DI RJ WATER PIPE, 2.41MPA WP	6	EA	WOOD POLE
			8	EA	GUY ASSEMBLY
			1	EA	25MM RISER WITH WEATHERHEAD
			3	EA	50MM RISER WITH WEATHERHEAD
			2	EA	50MM RISER WITH HEAT SHRINK TUBING
			973	M	INDUCTIVE LOOP SAWCUT
			3,000	M	LEAD-IN CABLE
			1,485	M	COMMUNICATIONS CABLE (**FIBER) (12)
			1	EA	INTERCONNECT CENTER
			1	EA	FIBER-OPTIC TRANSCEIVER
			12	EA	DELINEATOR MARKER
			8	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
			8	EA	METAL SIGNAL POLE FOUNDATION
			1	EA	SIGNAL PEDESTAL WITH FOUNDA- TION
			2	EA	MAST ARM WITH METAL POLE DE- SIGN
			2	EA	SIGN FOR SIGNALS
			1	EA	SIGNAL CABINET FOUNDATION
			1	EA	CABINET BASE ADAPTER
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			22	EA	DETECTOR CHANNEL (TYPE 2070L)

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (19+30.100 -L-)
206	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
265.4	M3	CLASS A CONCRETE (CULVERT)
25,592	KG	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

26.5	M	*****MM DIA DRILLED PIERS IN SOIL (1220MM)
27.5	M	*****MM DIA DRILLED PIERS NOT IN SOIL (1220MM)
31.7	M	PERMANENT STEEL CASING FOR *****MM DRILLED PIER (1220MM)
2	EA	CROSSHOLE SONIC LOGGING
236.4	M	CSL TUBES
920	M2	REINFORCED CONCRETE DECK SLAB
592	M2	GROOVING BRIDGE FLOORS
173.3	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+56.000 -L- LT. LN.)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+56.000 -L- RT. LN.)
18,356	KG	REINFORCING STEEL (BRIDGE)
2,318	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
344.67	M	1143MM PRESTRESSED CONCRETE GIRDERS
204.5	M	HP310X79 STEEL PILES
36.191	M	TWO BAR METAL RAIL
36.864	M	THREE BAR METAL RAIL
78.315	M	CONCRETE BARRIER RAIL
38.769	M	*** X *****MM CONCRETE PARAPET (355MM X 910MM)
610	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
610	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (13+56.000 -L- LT. LN.)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030520 005

CONTRACT ID : C200586 9.8091881

DIV OFFICE WINSTON-SALEM

LENGTH = 0.611 KM

COUNTY : FORSYTH

WIDENING, GRADING, DRAINAGE & PAVING.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : DEC 31 2004

SR-2456 (S MAIN ST), WAUGHTON ST, ALDER ST & SALEM AVE IN WINSTON-SALEM.

ROADWAY ITEMS					
			19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			8	EA	FRAME WITH COVER, STD 840.54
			21	M	FRAME WITH GRATES, DRIVEWAY DROP INLET
			100	M	450MM CONCRETE CURB & GUTTER
Lump Sum	LS	MOBILIZATION	2,000	M	750MM CONCRETE CURB & GUTTER
1,000	L	GENERIC MISCELLANEOUS ITEM DISPOSAL OF CONTAMINATION WATER	2,450	M2	100MM CONCRETE SIDEWALK
			120	M2	CONCRETE WHEELCHAIR RAMPS
1,400	MTN	GENERIC MISCELLANEOUS ITEM EXCAVATION, HAULING AND DISPOSAL OF CONTAMINATED SOIL	210	M2	150MM CONCRETE DRIVEWAY
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)	440	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	4	EA	ADJUSTMENT OF MANHOLES
			80	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,300	M3	UNCLASSIFIED EXCAVATION	76.2	M	STEEL BM GUARDRAIL
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+52.379)	19.05	M	STEEL BM GUARDRAIL, SHOP CURVED
500	M3	UNDERCUT EXCAVATION	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
500	MTN	CLASS IV SUBGRADE STABILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
6,300	M3	BORROW EXCAVATION	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
200	M3	DRAINAGE DITCH EXCAVATION	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
7,430	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,530	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	100	M	GENERIC FENCING ITEM REMOVE EXISTING FENCE
1,000	M3	SELECT GRANULAR MATERIAL	75	MTN	PLAIN RIP RAP, CLASS B
1,000	M2	FABRIC FOR SOIL STABILIZATION	940	M2	FILTER FABRIC FOR DRAINAGE
300	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	50	M2	WORK ZONE SIGNS (STATIONARY)
505.2	M	375MM RC PIPE CULVERTS, CLASS III	36	M2	WORK ZONE SIGNS (PORTABLE)
123.6	M	450MM RC PIPE CULVERTS, CLASS III	9	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
115.2	M	600MM RC PIPE CULVERTS, CLASS III	2	EA	FLASHING ARROW PANELS, TYPE C
116.4	M	750MM RC PIPE CULVERTS, CLASS III	2	EA	WARNING FLAG SETS
39.6	M	900MM RC PIPE CULVERTS, CLASS III	260	EA	DRUMS
49.2	M	1050MM RC PIPE CULVERTS, CLASS III	50	EA	CONES
1	EA	*** X *** X ***MM RC PIPE TEES CLASS III (600MM X 375MM)	104	M	BARRICADES (TYPE III)
			688	HR	FLAGGER
553	M	PIPE REMOVAL	3	EA	WARNING LIGHTS (TYPE B)
10	EA	PIPE CLEAN-OUT	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
Lump Sum	LS	FINE GRADING	270	M	WATER FILLED BARRIER
250	KG	SEALING EXISTING PAVEMENT CRACKS & JOINTS	25	M	RESET WATER FILLED BARRIER
200	MTN	STABILIZER AGGREGATE	219	EA	TEMPORARY RAISED PAVEMENT MARKERS
50	MTN	INCIDENTAL STONE BASE	324	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
500	M2	INCIDENTAL MILLING	3,094	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
2,820	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	159	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
3,440	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	132	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)
4,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	182	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
543	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	33	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
25	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
45	EA	RIGHT OF WAY MARKERS	12,019	M	PAINT PAVEMENT MARKING LINES (100MM)
0.33	M3	PIPE COLLARS	288	M	PAINT PAVEMENT MARKING LINES (200MM)
0.69	M3	PIPE PLUGS	176	M	PAINT PAVEMENT MARKING LINES (600MM)
69	EA	MASONRY DRAINAGE STRUCTURES	85	EA	PAINT PAVEMENT MARKING CHARACTER
9,058	M	MASONRY DRAINAGE STRUCTURES	8	EA	PAINT PAVEMENT MARKING SYMBOL
4	EA	FRAME WITH TWO GRATES, STD 840.16	2,879	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
9	EA	FRAME WITH TWO GRATES, STD 840.24	108	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	26	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)
22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	27	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS

			930.7	M3	UNCLASSIFIED STRUCTURE EXCAVATION
			57.2	M3	CLASS AA CONCRETE (BRIDGE)
			195.1	M3	CLASS A CONCRETE (BRIDGE)
6	EA	2.1M U-CHANNEL POSTS			
6	EA	OBJECT MARKERS (END OF ROAD)			
12	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+52.379 -L-)
12	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	42,137	KG	REINFORCING STEEL (BRIDGE)
			1,792	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)
1	MTN	PAVEMENT REPAIR FOR UTILITY WORK	8,773	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
36	M	150MM DI WATER PIPE, PC 2.41MPA	190	M	HP310X79 STEEL PILES
54	M	200MM DI WATER PIPE, PC 2.41MPA	329	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
74	M	20MM COPPER WATER PIPE, TYPE K	335	M2	FILTER FABRIC FOR DRAINAGE
4	M	25MM COPPER WATER PIPE, TYPE K	Lump Sum	LS	ELASTOMERIC BEARINGS
1,420	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP	1,453.356	M	914MM X 533MM PRESTRESSED CONC CORED SLABS
1	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	122.728	M	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 150MM, 1.38MPA WP)			
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA WP)			
9	EA	RELOCATE EXISTING WATER METER			
4	EA	RELOCATE EXISTING FIRE HYDRANT			
149	M	200MM DI SEWER PIPE, PC 2.41MPA			
3	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH			
1	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)			
10	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE			
9	EA	GENERIC UTILITY ITEM ABANDON INACTIVE WATER SERVICE & PLUG AT MAIN			
15	M	GENERIC UTILITY ITEM 1500MM STEEL NESTABLE ENCASEMENT PIPE, 9.53MM THICK			
690	M	TEMPORARY SILT FENCE			
325	MTN	STONE FOR EROSION CONTROL, CLASS A			
320	MTN	STONE FOR EROSION CONTROL, CLASS B			
890	MTN	SEDIMENT CONTROL STONE			
2	HA	TEMPORARY MULCHING			
75	KG	SEED FOR TEMPORARY SEEDING			
0.75	MTN	FERTILIZER FOR TEMPORARY SEEDING			
700	M3	SILT EXCAVATION			
650	M2	SYNTHETIC ROVING			
350	M2	MATTING FOR EROSION CONTROL			
575	M	6.4MM HARDWARE CLOTH			
6	EA	SPECIAL STILLING BASINS			
2	HA	SEEDING & MULCHING			
1	HA	MOWING			
25	KG	SEED FOR REPAIR SEEDING			
0.25	MTN	FERTILIZER FOR REPAIR SEEDING			
50	KG	SEED FOR SUPPLEMENTAL SEEDING			
3	MTN	FERTILIZER TOPDRESSING			
1	HR	SPECIALIZED HAND MOWING			
16	EA	RESPONSE FOR EROSION CONTROL			
2	HA	REFORESTATION			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STATION ***** (13+52.379 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ***** (13+52.379 -L-)
120	M	****MM DIA DRILLED PIERS IN SOIL (1220MM)
71	M	****MM DIA DRILLED PIERS NOT IN SOIL (1220MM)
95.3	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1220MM)
1	EA	CROSSHOLE SONIC LOGGING
809.6	M	CSL TUBES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 006

CONTRACT ID : C200708 8.2751103

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.115 KM

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : JUN 01 2004

BRIDGE OVER WATAUGA RIVER & APPROACHES ON SR-1200.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+07.000)
Lump Sum	LS	GRADING
0.4	HA	SUPPLEMENTARY CLEARING & GRUB- BING
200	M3	UNDERCUT EXCAVATION
4	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
7.2	M	450MM SIDE DRAIN PIPE
4.8	M	300MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
60	MTN	AGGREGATE BASE COURSE
60	MTN	INCIDENTAL STONE BASE
210	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
125	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
18	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
16	EA	RIGHT OF WAY MARKERS
23	M3	SUBDRAIN EXCAVATION
17	M3	SUBDRAIN FINE AGGREGATE
40	M	150MM PERFORATED SUBDRAIN PIPE
4	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
2	M	150MM OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
15.24	M	STEEL BM GUARDRAIL, SHOP CURVED
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (SPECIAL)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
5	EA	GENERIC GUARDRAIL ITEM ADDITIONAL GUARDRAIL POST, 2.13M
1	EA	GENERIC FENCING ITEM REM & RESET EXT METAL GATE WITH POST
30	MTN	PLAIN RIP RAP, CLASS II
2	MTN	PLAIN RIP RAP, CLASS B
206	M2	FILTER FABRIC FOR DRAINAGE
95	MTN	GENERIC EROSION CONTROL ITEM BOULDERS
18	M2	WORK ZONE SIGNS (STATIONARY)
5	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	M	BARRICADES (TYPE III)
920	M	PAINT PAVEMENT MARKING LINES (100MM)
10	EA	PERMANENT RAISED PAVEMENT MARKERS
45	M	TEMPORARY SILT FENCE
70	MTN	STONE FOR EROSION CONTROL, CLASS A
180	MTN	STONE FOR EROSION CONTROL, CLASS B
85	MTN	SEDIMENT CONTROL STONE
0.5	HA	TEMPORARY MULCHING
25	KG	SEED FOR TEMPORARY SEEDING
0.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING
275	M3	SILT EXCAVATION
115	M2	SYNTHETIC ROVING
215	M2	MATting FOR EROSION CONTROL
50	M2	HIGH VELOCITY MATting

32	M	6.4MM HARDWARE CLOTH
50	M2	FLOATING TURBIDITY CURTAIN
4	EA	SPECIAL STILLING BASINS
0.5	HA	SEEDING & MULCHING
0.5	HA	MOWING
25	KG	SEED FOR REPAIR SEEDING
0.25	MTN	FERTILIZER FOR REPAIR SEEDING
25	KG	SEED FOR SUPPLEMENTAL SEEDING
0.5	MTN	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+07.000-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+07.000-L-)
19.7	M	****MM DIA DRILLED PIERS IN SOIL (914MM)
10	M	****MM DIA DRILLED PIERS NOT IN SOIL (914MM)
8.2	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (914MM)
1	EA	CROSSHOLE SONIC LOGGING
146.2	M	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (11+07.000-L-)
30.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+07.000-L-)
7,982	KG	REINFORCING STEEL (BRIDGE)
804	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
61.256	M	ONE BAR METAL RAIL
65.828	M	*** X ****MM CONCRETE PARAPET (355MM X 527MM)
Lump Sum	LS	ELASTOMERIC BEARINGS
328.76	M	914MM X 533MM PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 007

CONTRACT ID : C200718 8.1846202

DIV OFFICE ASHEVILLE

LENGTH = 0.000 MI

COUNTY : BUNCOMBE

OVERHEAD & GROUND MOUNTED SIGN ASSEMBLIES

DBE GOAL 0.0% COMPLETION DATE : JUN 15 2004

I-240 (SMOKEY PARK BRIDGE) OVER THE FRENCH BROAD RIVER IN ASHEVILLE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	Lump Sum	LS	GENERIC SIGNAL ITEM
2	CY	REINFORCED CONCRETE SIGN FOOTINGS			TRAINING
594	LB	SUPPORTS, BREAKAWAY STEEL BEAM			
1	EA	SIGN ERECTION, TYPE *** (OVERHEAD)			
		(A)			
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)			
		(A)			
1	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD			
1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"			
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"			
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"			
604	SF	WORK ZONE SIGNS (STATIONARY)			
428	SF	WORK ZONE SIGNS (PORTABLE)			
64	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
3	EA	CHANGEABLE MESSAGE SIGNS			
2	EA	WARNING FLAG SETS			
200	EA	DRUMS			
96	LF	BARRICADES (TYPE III)			
4	EA	WARNING LIGHTS (TYPE B)			
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)			
48	HR	POLICE			
8	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)			
350	LF	TRENCHING (UNPAVED)			
170	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT)			
		(1)			
7	EA	JUNCTION BOX (STANDARD SIZE)			
1	EA	NOTEBOOK COMPUTER			
4	EA	GENERIC SIGNAL ITEM BEACON CONTROLLER ASSEMBLY & CABINET (F3)			
4	EA	GENERIC SIGNAL ITEM EVENT MESSAGE PROCESSOR (EMP)			
1	EA	GENERIC SIGNAL ITEM FURNISH EVENT MESSAGE PROCESSOR			
3	EA	GENERIC SIGNAL ITEM FURNISH MICROWAVE VEHICLE DETECTOR UNIT			
1	EA	GENERIC SIGNAL ITEM FURNISH MVD EQUIPMENT CABINET			
1	EA	GENERIC SIGNAL ITEM FURNISH SPREAD SPECTRUM ASSEMBLY			
6	EA	GENERIC SIGNAL ITEM METAL POLES & FOUNDATIONS			
9	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR (MVD)			
6	EA	GENERIC SIGNAL ITEM MVD EQUIPMENT CABINET			
10	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE			
11	EA	GENERIC SIGNAL ITEM SPREAD SPECTRUM ASSEMBLY			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 008

CONTRACT ID : C200716 8.1846102

DIV OFFICE ASHEVILLE

LENGTH = 0.000 MI

COUNTY : BUNCOMBE, HENDERSON

OVERHEAD DYNAMIC MESSAGE SIGNS & GUARDRAIL.

DBE GOAL 0.0% COMPLETION DATE : NOV 01 2004

VARIOUS LOCATIONS OF I-40 WBL AT MP-60 & 48.5, I-40 EBL AT MP-48.5 & I-26 WBL AT SR-1528, MP-8.5 & I-25 EBL AT SR-1525.

ROADWAY ITEMS

			4	EA	TRUCK MOUNTED IMPACT ATTENUA-
					TOR (60 MPH)
			96	HR	POLICE
Lump Sum	LS	MOBILIZATION			
450	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
2	EA	GENERIC SIGNING ITEM DMS SYSTEM CLIENT COMPUTER			
1	EA	GENERIC SIGNING ITEM DMS SYSTEM CONTROL SOFTWARE			
2	EA	GENERIC SIGNING ITEM DMS SYSTEM LAPTOP COMPUTER			
2	EA	GENERIC SIGNING ITEM DMS SYSTEM SERVER COMPUTER			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-1"			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-2"			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-3"			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-4"			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-5"			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-6"			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM NTCIP ACCEPTANCE TESTING			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-1"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-2"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-3"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-4"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-5"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-6"			
1,331	SF	WORK ZONE SIGNS (STATIONARY)			
966	SF	WORK ZONE SIGNS (PORTABLE)			
128	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
4	EA	FLASHING ARROW PANELS, TYPE C			
5	EA	CHANGEABLE MESSAGE SIGNS			
8	EA	WARNING FLAG SETS			
400	EA	DRUMS			
192	LF	BARRICADES (TYPE III)			
8	EA	WARNING LIGHTS (TYPE B)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030520 009

CONTRACT ID : C200735 8.1846102

DIV OFFICE ASHEVILLE

LENGTH = 0.000 MI

COUNTY : BUNCOMBE, HENDERSON

OVERHEAD & GROUND MOUNTED SIGN ASSEMBLIES

DBE GOAL 0.0% COMPLETION DATE : NOV 01 2004

VARIOUS SECTIONS OF I-25, I-40 & I-240.

ROADWAY ITEMS

			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-5"
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-6"
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"
			Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
			Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
		1,935	SF	WORK ZONE SIGNS (STATIONARY)	
		1,394	SF	WORK ZONE SIGNS (PORTABLE)	
		192	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	
		6	EA	FLASHING ARROW PANELS, TYPE C	
		8	EA	CHANGEABLE MESSAGE SIGNS	
		10	EA	WARNING FLAG SETS	
		600	EA	DRUMS	
		288	LF	BARRICADES (TYPE III)	
		12	EA	WARNING LIGHTS (TYPE B)	
		6	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	
		144	HR	POLICE	
		8	EA	VEHICLE SIGNAL HEAD (12", 1 SECTION)	
		350	LF	TRENCHING (UNPAVED)	
		170	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT) (1)	
		7	EA	JUNCTION BOX (STANDARD SIZE)	
		1	EA	NOTEBOOK COMPUTER	
		4	EA	GENERIC SIGNAL ITEM BEACON CONTROLLER ASSEMBLY & CABINET (F3)	
		4	EA	GENERIC SIGNAL ITEM EVENT MESSAGE PROCESSOR (EMP)	
		1	EA	GENERIC SIGNAL ITEM FURNISH EVENT MESSAGE PROCESSOR	
		3	EA	GENERIC SIGNAL ITEM FURNISH MICROWAVE VEHICLE DETECTOR UNIT	
		1	EA	GENERIC SIGNAL ITEM FURNISH MVD EQUIPMENT CABINET	
		1	EA	GENERIC SIGNAL ITEM FURNISH SPREAD SPECTRUM ASSEMBLY	
		6	EA	GENERIC SIGNAL ITEM METAL POLES & FOUNDATIONS	
		9	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTOR (MVD)	
		6	EA	GENERIC SIGNAL ITEM MVD EQUIPMENT CABINET	
		10	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE	
		11	EA	GENERIC SIGNAL ITEM SPREAD SPECTRUM ASSEMBLY	
		Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING	
Lump Sum	LS			MOBILIZATION	
450	LF			STEEL BM GUARDRAIL	
5	EA			ADDITIONAL GUARDRAIL POSTS	
3	EA			GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
2	EA			GUARDRAIL ANCHOR UNITS, TYPE 350	
2	CY			REINFORCED CONCRETE SIGN FOOTINGS	
594	LB			SUPPORTS, BREAKAWAY STEEL BEAM	
1	EA			SIGN ERECTION, TYPE *** (OVERHEAD) (A)	
1	EA			SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	
1	EA			DISPOSAL OF SIGN SYSTEM, OVERHEAD	
1	EA			DISPOSAL OF SIGN SYSTEM, STEEL BEAM	
1	EA			DISPOSAL OF SIGN, A OR B (OVERHEAD)	
2	EA			GENERIC SIGNING ITEM DMS SYSTEM CLIENT COMPUTER	
1	EA			GENERIC SIGNING ITEM DMS SYSTEM CONTROL SOFTWARE	
2	EA			GENERIC SIGNING ITEM DMS SYSTEM LAPTOP COMPUTER	
2	EA			GENERIC SIGNING ITEM DMS SYSTEM SERVER COMPUTER	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-1"	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-2"	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-3"	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-4"	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-5"	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-6"	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM NTCIP ACCEPTANCE TESTING	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS	
Lump Sum	LS			GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS	
Lump Sum	LS			GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-1"	
Lump Sum	LS			GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-2"	
Lump Sum	LS			GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-3"	
Lump Sum	LS			GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-4"	

