



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

July 22, 2008

MEMORANDUM TO: All Prequalified Contractors

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

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

SUBJECT: Upgrade to Expedite 5.7a

Please be advised that effective with the August 19th, 2008 bid letting, North Carolina Department of Transportation will be upgrading from Expedite 5.6a to Expedite 5.7a.

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 you then uninstall the Expedite 5.6a version to ensure no confusion in the future. Once you have installed Expedite 5.7a, you need to enter in 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 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 the Project Services' Contract Office is also available for any further questions you may have concerning this transition at (919) 250-4124.

Bid Express

<http://www.bidx.com>

NC Department of Transportation

<http://www.ncdot.org/doh/preconstruct/ps/contracts/expedi/ebs/2008/subsubsdefault.html>

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS & PROPOSALS
1591 MAIL SERVICE CENTER

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

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

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B - ENTRANCE B 15
1020 BIRCH RIDGE DRIVE



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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LYNDO TIPPETT
SECRETARY

November 20, 2007

Notice To: Prospective Bidders, Material Suppliers, and Subcontractors

From: R.A. Garris, P.E. *R.A. Garris*
State Contract Officer

Subject: ***2006 Metric Standard Specifications for Roads and Structures
and 2006 Metric Roadway Standard Drawings***

In 1999, the North Carolina Department of Transportation elected to return to the English measurement system when developing project plans as a result of the elimination of the FHWA metric requirement in the 1998 TEA 21 legislation. However, design efforts had already begun on approximately sixty projects utilizing the metric measurement system. Of those, some remained metric and were let under the 2002 Specifications and Standards, and some were re-engineered (converted) to English plans. Currently, there are fourteen projects that will be designed, let and constructed utilizing the 2006 Metric Specifications and Standards. See attached list for project information and tentative let dates.

The Metric Specifications Book is a mirror image of the 2006 (English) Specifications Book, except for the conversion to metric units and dimensions. The 2006 Metric Standard Drawings is a mirror image of the 2006 (English) Standard Drawings, except that Standards 840.25 and 700.01 have been updated to match Details 840D25 and 700D01. The Specifications and Standards are available in .pdf on the Projects Services Website at: <http://www.ncdot.org/doh/preconstruct/ps/contracts/default.html>

The 2006 Metric Specifications and Standards are being printed within the Department and are available for purchase. Due to the small number of metric projects to be let over the next several years, a limited number will be printed. Therefore we ask that you review the attached list of projects and not order immediately if projects of interest to you are further out in the future. This will allow us to manage the printing demands much more efficiently. The 2006 Metric Standard Specifications for Roads and Structures and the 2006 Metric Roadway Standard Drawings are \$25.00 each plus 6.75% North Carolina sales tax. To request a copy, please contact Rick Montanez at 919-250-4014, or place your order electronically at the following Website:
<http://www.ncdot.org/doh/preconstruct/altern/value/manuals/puborder.html>

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

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS & PROPOSALS
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

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

WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B - ENTRANCE B 15
1020 BIRCH RIDGE DRIVE
RALEIGH NC

TIP#	DIVISION	COUNTY	DESCRIPTION	TENTATIVE LET DATE
R-2518A	13	MADISON	US 19 FROM MADISON CL TO SR 1336 IN YANCEY COUNTY	JULY 15, 2008
R-2518B	13	MADISON YANCEY	US 19 FROM I-26 IN MADISON CO. TO SR 1336 IN YANCEY CO.	JULY 15, 2008
R-2554BA	4	WAYNE	US 70 GOLDSBORO BYPASS	AUGUST 19, 2008
R-2206BA R-2206CA	12	LINCOLN	NC 16 FROM NC 73 TO SR1895 AT EXISTING NC 16 NORTH OF CHRONICLE IN CATAWBA COUNTY	AUGUST 19, 2008
R-2301A	2	CRAVEN JONES	US 17 (NEW BERN BYPASS) FROM US 17 SOUTH OF NEW BERN TO US 70	NOVEMBER 18, 2008
U-2519E X-0002B	6	CUMBERLAND ROBERSON	FAYETTEVILLE OUTER LOOP FROM WEST OF NC 24 TO 1.3 MILES EAST OF NC 87-210	NOVEMBER 18, 2008
X-0002C	6	CUMBERLAND	NC 24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM 1.3 MILES EAST OF NC 87-210 TO WEST OF US 401	NOVEMBER 18, 2008
U-2519DA	6	CUMBERLAND	FAYETTEVILLE OUTER LOOP FROM EAST OF SR 1415 TO EAST OF NC 24	DECEMBER 16, 2008
R-2824	13	BURKE	SR 1546 FROM SR 1545 TO SR 1001	JANUARY 20, 2009
R-2414A	1	CAMDEN	US 158-NC 34 FROM EAST OF PASQUATANK RIVER IN ELIZABETH CITY TO SOUTH OF SR 1257	MARCH 17, 2009
R-2814A	5	WAKE	US 401 FROM SR 2044 TO NORTH OF SR 2226	OCTOBER 20, 2009
R-2414B	1	CAMDEN	US 158/NC 34 FROM NORTH OF SR 1257 TO EAST OF NC 34 IN BELCROSS	NOVEMBER 17, 2009
R-2519A	13	YANCEY	US 19 EAST FROM SR 1336 TO NC 80	FEBRUARY 16, 2010
R-2413C	7	GUILFORD ROCKINGHAM	NC 68 CONNECTOR -US 220 FROM THE HAW RIVER TO EXISTING NC 68/US 220 INTERSECTION	MARCH 16, 2010



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 23, 2007

MEMORANDUM TO: Prospective Bidders
FROM: R. A. Garris, P.E. *RAG*
Contract Officer
SUBJECT: Work Zone Traffic Control Qualifications and Training Program

The Department is pursuing a Work Zone Traffic Control Qualifications and Training Program for DOT, CEI, Contractor, and Encroachment Agreement personnel. The purpose of this memo is to outline the goals of the Department and inform CEI and Contractor personnel impacted. Training for this certification will be provided by NCDOT approved training sources and/or private entities that have been pre-approved to train themselves. On the job training will also be a requirement of proper qualifications. To obtain detailed information regarding the Work Zone Qualifications and Training Program, please visit our web site at www.ncdot.org/~wztc or contact Meredith McDiarmid of the Work Zone Traffic Control Unit at mumcdiarmid@dot.state.nc.us or by phone at (919) 250-4159.

Generally described, three (3) levels of qualification and training requirements are being developed:

Work Zone Traffic Control Supervisors

Targets Work Zone Traffic Control Supervisors on Significant Projects. Supervisors will be required to attend extensive training and have considerable qualifications to comply. Significant Projects will be identified by the Department and designated as such in the project bid proposal. Significant Projects are generally defined as follows:

- A project that will impact the traveling public at the metropolitan or regional level (and possibly more broadly)
- A project that has a high level of public interest
- A project that will directly impact a moderate to high number of travelers
- A project that has high user cost impacts
- A project that has a duration that is moderate to long

Our present goal is for properly qualified and trained Work Zone Traffic Control Supervisors to be required on Significant Projects beginning July 2010.

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LOCATION:
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RALEIGH, NORTH CAROLINA 27610

Prospective Bidders
Work Zone Traffic Control Qualifications and Training Program
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Work Zone Traffic Control Installers

Targets Work Zone Traffic Control Installers for any type of work zone traffic control installation on all projects. One Work Zone Traffic Control Certified Installer will be required for each traffic control installation crew. Our present goal is for properly qualified and trained Work Zone Traffic Control Installers to be required beginning January 2010.

Work Zone Flaggers

Targets flaggers for any type of flagging operation on all projects. All flaggers will be required to be certified. The implementation date for Flaggers has not yet been determined but will follow the implementation date for Flagger Instructors. Our present goal is for properly qualified and trained Work Zone Flaggers to be required beginning July 2009.

If implementation of this program proves to be a successful tool in making our work zones safer for the motorist and worker, the program may be expanded to include all projects. We appreciate the precautions you take and decisions you make on a daily basis that contribute to a safer work zone program for North Carolina.

RAG/mmm

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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON AUGUST 19, 2008. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

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

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

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

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

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS JULY 22, 2008.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L080819

RPN	Contract Id	WBS	County	Length	JobType
001	C202133	41827.3.1	PERQUIMANS	2.100 MI	BRIDGE DECK AND END DIAPHRAGMS REPAIR.
002	C201605	32595.3.1	SAMPSON	0.483 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
003	C201903	38902.3.1	DIVISIONWIDE	53.900 MI	GUARDRAIL REHABILITATION.
004	C202114	38683.3.1	HYDE	0.000 MI	CONSTRUCT 220 X 50 X 12-6" PASSENGER/VEHICLE FERRY.
005	C202115	38683.3.2	CARTERET	0.000 MI	CONSTRUCT 220 X 50 X 12-6" PASSENGER/VEHICLE FERRY.
006	C202116	38683.3.1 ETC.	HYDE, CARTERET	0.000 MI	CONSTRUCT TWO 220 X 50 X 12-6" PASSENGER/VEHICLE FERRIES.
007	C201818	34461.3.GV1	WAYNE	6.289 KM	GRADING, DRAINAGE, PAVING, SIGNING, SIGNALS, & STRUCTURES.
*008	C202110	41148.3.1	NEW HANOVER, BRUNSWICK	0.000 MI	SAFETY IMPROVEMENTS, PAINTING, AND STRUCTURAL MAINTENANCE.
009	C202015	41923.3.1	HALIFAX	6.700 MI	PAVEMENT REHABILITATION.
010	C201897	33637.3.1	WAKE	0.152 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
011	C201893	33450.3.2	CUMBERLAND	0.242 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
012	C202135	39750.3.1	CUMBERLAND	0.598 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
013	C201845	41170.3.1	CUMBERLAND	1.600 MI	WIDENING, GRADING, DRAINAGE, PAVING & SIGNING.
014	C201855	33594.3.1	ROCKINGHAM	0.545 MI	GRADING, DRAINAGE, PAVING & STRUCTURES.
015	C201896	33615.3.1	SCOTLAND	0.118 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C201836	33423.3.1	CATAWBA	0.119 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
017	C201894	33471.3.1	GASTON	0.199 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
018	C201899	33765.3.1	IREDELL	0.123 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
019	C201895	33543.3.1	MCDOWELL	0.064 MI	GRADING, DRAINAGE, PAVING, AND CULVERT.
020	C202132	39972.3.GV1	MCDOWELL	12.260 MI	PAVEMENT REHABILITATION.

<p>*NOTE: MANDATORY PRE-BID CONFERENCE ON TUESDAY, AUGUST 5, 2008 AT 11:00AM AT 1650 FERRY ROAD, SOUTHPORT, NC 28461 PHONE NO. (910) 457-6942.</p>

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 001

CONTRACT ID : C202133 41827.3.1

DIV OFFICE EDENTON

LENGTH = 2.100 MI

COUNTY : PERQUIMANS

BRIDGE DECK AND END DIAPHRAGMS REPAIR.

DBE GOAL 2.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER PERQUIMANS RIVER ON US-17.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,500	SY	INCIDENTAL MILLING
80	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
480	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
250	LF	RELAPPING GUARDRAIL
150	SY	FILTER FABRIC FOR DRAINAGE
914	SF	WORK ZONE SIGNS (STATIONARY)
265	SF	WORK ZONE SIGNS (PORTABLE)
78	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
351	EA	DRUMS
120	LF	BARRICADES (TYPE III)
313	EA	TUBULAR MARKERS (FIXED)
460	EA	TEMPORARY RAISED PAVEMENT MARKERS
31,660	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
12	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
6	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
13,095	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
13,095	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
6	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
146	EA	PERMANENT RAISED PAVEMENT MARKERS
50	TON	STONE FOR EROSION CONTROL, CLASS A
16	TON	STONE FOR EROSION CONTROL, CLASS B
4	TON	SEDIMENT CONTROL STONE
1	ACR	SEEDING & MULCHING
72,035	SF	GROOVING BRIDGE FLOORS
470	CY	LATEX MODIFIED CONC OVERLAY
9,010	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
Lump Sum	LS	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
75	CF	GENERIC STRUCTURE ITEM EPOXY MORTAR REPAIRS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 002

CONTRACT ID : C201605 32595.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.483 MI

COUNTY : SAMPSON

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 7.0% COMPLETION DATE : JUL 01 2009

BRIDGES OVER BLACK RIVER & BLACK RIVER OVERFLOW & APPROACHES ON NC-41.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+07.50)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (38+37.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
28	CY	DRAINAGE DITCH EXCAVATION
100	SY	FABRIC FOR SOIL STABILIZATION
100	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
90	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
68	LF	15" SIDE DRAIN PIPE
628	LF	15" RC PIPE CULVERTS, CLASS III
116	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK (15", 0.064")
210	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
1,430	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
570	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
1,160	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
160	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	CY	SUBDRAIN EXCAVATION
20	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
8	EA	MASONRY DRAINAGE STRUCTURES
8	EA	FRAME WITH GRATE, STD 840.29
695	LF	SHOULDER BERM GUTTER
1,325	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
29	TON	RIP RAP, CLASS B
445	SY	FILTER FABRIC FOR DRAINAGE
3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
320	SF	WORK ZONE SIGNS (STATIONARY)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
96	LF	BARRICADES (TYPE III)
8	HR	FLAGGER
14,400	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
50	EA	PERMANENT RAISED PAVEMENT MARKERS
2,900	LF	TEMPORARY SILT FENCE
100	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
155	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING

0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
500	LF	TEMPORARY SLOPE DRAINS
15	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,275	LF	SAFETY FENCE
5,030	CY	SILT EXCAVATION
725	SY	MATTING FOR EROSION CONTROL
60	SY	COIR FIBER MAT
450	LF	1/4" HARDWARE CLOTH
275	LF	COIR FIBER BAFFLES
3	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.25	TON	FERTILIZER TOPDRESSING
4	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+07.50 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (38+37.00 -L-)
3	EA	PDA TESTING
3	EA	PDA ASSISTANCE
1,780	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION (38+37.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+07.50 -L-)
17,100	SF	CONCRETE WEARING SURFACE
17,533	SF	GROOVING BRIDGE FLOORS
189.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+07.50 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (38+37.00 -L-)
29,407	LB	REINFORCING STEEL (BRIDGE)
1,605	LF	HP12X53 STEEL PILES
1,125	LF	HP12X53 GALVANIZED STEEL PILES
440	LF	PP ** X **** GALVANIZED STEEL PILES (24" X 0.500")
480	LF	PP ** X **** GALVANIZED STEEL PILES (30" X 0.500")
16	EA	PIPE PILE PLATES
36	EA	PILE REDRIVES
929.47	LF	CONCRETE BARRIER RAIL
1,285	TON	RIP RAP CLASS II (2'-0" THICK)
1,425	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
6,229.01	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 003

CONTRACT ID : C201903 38902.3.1

DIV OFFICE WILMINGTON

LENGTH = 253.900 MI

COUNTY : DIVISIONWIDE

GUARDRAIL REHABILITATION.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

DIVISION 3 & 6 - US-17, US-74, US-76, US-117, NC-24 & NC-87.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,700	LF	STEEL BM GUARDRAIL
360	LF	STEEL BM GUARDRAIL, DOUBLE FACED
25	EA	ADDITIONAL GUARDRAIL POSTS
35	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III-A MOD)
7	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III-B MOD)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III-C MOD)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
23	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
110	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
29	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
9,300	LF	REMOVE EXISTING GUARDRAIL
10	EA	GENERIC GUARDRAIL ITEM 25' CLEAR SPAN
2,560	SF	WORK ZONE SIGNS (PORTABLE)
8	EA	FLASHING ARROW PANELS, TYPE C
8	EA	CHANGEABLE MESSAGE SIGN
344	EA	DRUMS
152	EA	CONES
960	HR	FLAGGER
10	EA	TMIA
360	HR	POLICE
424	EA	SKINNY DRUM
Lump Sum	LS	PORTABLE LIGHTING
2	ACR	SEEDING & MULCHING
20	HR	SPECIALIZED HAND MOWING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080819 004

CONTRACT ID : C202114 38683.3.1

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : HYDE

CONSTRUCT 220 X 50 X 12-6" PASSENGER/VEHICLE FERRY.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : MAR 29 2010

REPLACEMENT OF THE M/V PAMLICO.

ROADWAY ITEMS

Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CONST OF 220' X 50' X 12-6" PASSENGER/ VEHICLE FERRY WITH STANDARD PROPULSION
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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080819 005

CONTRACT ID : C202115 38683.3.2

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : CARTERET

CONSTRUCT 220 X 50 X 12-6" PASSENGER/VEHICLE FERRY.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : MAR 29 2010

REPLACEMENT OF THE M/V SILVER LAKE.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONST OF 220' X 50' X 12-6"
PASSENGER/
VEHICLE FERRY WITH STANDARD
PROPULSION

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080819 006

CONTRACT ID : C202116 38683.3.1

DIV OFFICE EDENTON

LENGTH = 0.000 MI

COUNTY : HYDE, CARTERET

CONSTRUCT TWO 220 X 50 X 12'-6" PASSENGER/VEHICLE FERRIES.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEP 29 2010

REPLACEMENT OF THE M/V PAMLICO AND THE M/V SILVER LAKE.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM
CONST OF 2-220' X 50' X 12'-6"
PASSENGER/
VEHICLE FERRIES WITH STANDARD
PROPULSION

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 007

CONTRACT ID : C201818 34461.3.GV1

DIV OFFICE WILSON

LENGTH = 6.289 KM

COUNTY : WAYNE

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

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2011

US-70 (GOLDSOBO BOYPASS) FROM EAST OF SR-1300 (SALEM CHURCH RD) TO EAST OF SR-1556 (WAYNE MEMORIAL DR).

ROADWAY ITEMS						
			14.4	M	1350MM RC PIPE CULVERTS, CLASS III	
			156	M	1500MM RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	MOBILIZATION	36	M	1650MM RC PIPE CULVERTS, CLASS III	
Lump Sum	LS	FIELD OFFICE				
Lump Sum	LS	CLEARING & GRUBBING . HECTACRE(S)	116.4	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)	
1.2	HA	SUPPLEMENTARY CLEARING & GRUBBING	254.4	M	****MM RC PIPE CULVERTS, CLASS IV (1350MM)	
13	EA	SEALING ABANDONED WELLS				
180,000	M3	UNCLASSIFIED EXCAVATION				
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (100+60.00 -L- LT)	97.2	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (100+60.00 -L- RT)	178.8	M	****MM RC PIPE CULVERTS, CLASS IV (1800MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (103+80.00 -L- LT)	79.2	M	****MM RC PIPE CULVERTS, CLASS IV (375MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (103+80.00 -L- RT)	76.8	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+10.00 -L2RPBD-)	68.4	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (114+75.00 -L- LT)	123.6	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (114+75.00 -L- RT)	121.2	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+90.00 -L- LT)	608.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (118+90.00 -L- RT)	112.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (132+40.00 -L- LT)	22.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (132+40.00 -L- RT)	34.8	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+85.00 -Y8-)	46	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (5+60.00 -L2RPDB-)	8	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (8+00.00 -L2RPBD-)	2	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (92+23.00 -L- LT)	2	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (92+23.00 -L- RT)	669	M	PIPE REMOVAL	
29,000	M3	UNDERCUT EXCAVATION	950	M2	150MM SLOPE PROTECTION	
2,000	MTN	CLASS IV SUBGRADE STABILIZATION	Lump Sum	LS	FINE GRADING	
2,665,000	M3	BORROW EXCAVATION	325	MTN	#57 STONE	
24	EA	EMBANKMENT SETTLEMENT GAUGES	3,500	MTN	STABILIZER AGGREGATE	
56,400	M3	DRAINAGE DITCH EXCAVATION	115,500	MTN	AGGREGATE BASE COURSE	
7,500	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	300	MTN	INCIDENTAL STONE BASE	
3,300	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	30,220	L	PRIME COAT	
39	HR	PROOF ROLLING	8,000	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (0MM TO 80MM)	
3,567	M3	SELECT GRANULAR MATERIAL	2,100	M2	INCIDENTAL MILLING	
5,500	M2	FABRIC FOR SOIL STABILIZATION	1,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
500	M2	TEMPORARY SHORING	30,600	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	
2,800	M2	GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT	10,100	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
2,220	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	26,100	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
432	M	375MM SIDE DRAIN PIPE	15,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
238.8	M	1050MM RC PIPE CULVERTS, CLASS III	29,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
			4,000	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
			1,800	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
			100	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	
			20,800	M	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	
			2,350	M3	SUBDRAIN EXCAVATION	

			8,780	KG	SUPPORTS, BREAKAWAY STEEL BEAM
			2,475	KG	SUPPORTS, SIMPLE STEEL BEAM
			581	M	SUPPORTS, 4.5-KG STEEL U-CHANN EL.
1,175	M3	SUBDRAIN FINE AGGREGATE	13	EA	SUPPORTS, 3-KG STEEL U-CHANNEL
2,800	M	150MM PERFORATED SUBDRAIN PIPE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (00+40.00-L2RPDB-)
280	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (00+80.00-L2RPDB-)
19	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (00+80.00-L2RPDB-)
38	M	150MM OUTLET PIPE (SUBDRAINS)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (03+40.00-L2RPDB-)
26	M3	ENDWALLS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (03+40.00-L2RPDB-)
32	M3	REINFORCED ENDWALLS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (03+60.00-L2RPDB-)
6	M3	PIPE COLLARS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (03+60.00-L2RPDB-)
0.1	M3	PIPE PLUGS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (03+60.00-L2RPDB-)
2	M3	FLOWABLE FILL	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (103+20.00-L-)
114	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (103+20.00-L-)
19	M3	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (104+20.00-L-)
22	M	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (109+70.00-L-)
13	EA	FRAME WITH GRATE, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (18+30.00-Y2-)
5	EA	FRAME WITH TWO GRATES, STD 840.16	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (23+60.00-Y2-)
25	EA	FRAME WITH TWO GRATES, STD 840.20	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+20.00-L-)
65	EA	FRAME WITH TWO GRATES, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+80.00-L-)
1	EA	FRAME WITH TWO GRATES, STD 840.24	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+80.00-L-)
2	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+80.00-L-)
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+80.00-L-)
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+80.00-L-)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4	EA	SIGN ERECTION, TYPE D
9	EA	FRAME WITH COVER, STD 840.54	50	EA	SIGN ERECTION, TYPE E
3	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	19	EA	SIGN ERECTION, TYPE F
970	M	750MM CONCRETE CURB & GUTTER	19	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)
2,030	M	SHOULDER BERM GUTTER	8	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (B)
65	M2	100MM CONCRETE PAVED DITCH	29	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
820	M2	125MM MONOLITHIC CONCRETE IS- LANDS (KEYED IN)	10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
150	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	13	EA	SIGN ERECTION, MILEMARKERS
35	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	115	M2	WORK ZONE SIGNS (STATIONARY)
4	EA	IMPACT ATTENUATOR UNIT, TYPE 350	212	M2	WORK ZONE SIGNS (PORTABLE)
5,711.19	M	STEEL BM GUARDRAIL	6	EA	FLASHING ARROW PANELS, TYPE C
41.91	M	STEEL BM GUARDRAIL, SHOP CURVED	4	EA	CHANGEABLE MESSAGE SIGN
14	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	860	EA	DRUMS
20	EA	ADDITIONAL GUARDRAIL POSTS	100	EA	CONES
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	80	M	BARRICADES (TYPE III)
23	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	3,840	HR	FLAGGER
34	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	2	EA	TEMPORARY CRASH CUSHIONS
11	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	4	EA	TMIA
49	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1,050	M	PORTABLE CONCRETE BARRIER (DRAINAGE)
577.36	M	REMOVE & RESET EXISTING GUIDE- RAIL	80	HR	POLICE
100	M	REMOVE EXISTING GUARDRAIL	100	EA	SKINNY DRUM
4,350	M	CABLE GUIDERAIL	80	EA	TUBULAR MARKERS (FIXED)
12	EA	ADDITIONAL GUIDERAIL POSTS	400	MD	GENERIC TRAFFIC CONTROL ITEM HAUL ROAD SIGNAL SYSTEM
26	EA	CABLE GUIDERAIL ANCHOR UNITS	620	EA	TEMPORARY RAISED PAVEMENT MARKERS
12,600	M	WOVEN WIRE FENCE, 1200MM FAB- RIC	21,000	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
2,648	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	8,455	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
555	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	700	M	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
2	EA	SINGLE GATES, ****MM HIGH, *****MM WIDE, *****MM OPENING (1200MM HIGH, 2600MM WIDE, 2600MM OPENING)	450	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
515	MTN	RIP RAP, CLASS I	120	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
25	MTN	RIP RAP, CLASS A	4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
565	MTN	RIP RAP, CLASS B	73	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
1,630	MTN	BOULDERS	77,365	M	PAINT PAVEMENT MARKING LINES (100MM)
5,130	M2	FILTER FABRIC FOR DRAINAGE	55,550	M	PAINT PAVEMENT MARKING LINES (150MM)
13	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	2,740	M	PAINT PAVEMENT MARKING LINES (200MM)
27	M3	REINFORCED CONCRETE SIGN FOUN- DATIONS	170	M	PAINT PAVEMENT MARKING LINES (600MM)
101	M3	OVERHEAD FOOTING			

			730	M	SIGNAL CABLE	
			26	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
			4	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	
8	EA	PAINT PAVEMENT MARKING CHARACTER				
100	EA	PAINT PAVEMENT MARKING SYMBOL	1,013	M	MESSENGER CABLE (6.35MM)	
30,375	M	POLYUREA PAVEMENT MARKING LINES (150MM, *****)	510	M	MESSENGER CABLE (9.52MM)	
		(STANDARD GLASS BEADS)	149	M	TRACER WIRE	
2,000	M	POLYUREA PAVEMENT MARKING LINES (200MM, *****)	23	M	PAVED TRENCHING (*****)	
		(STANDARD GLASS BEADS)			(2, 50MM)	
24	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****)	713	M	UNPAVED TRENCHING (*****)	
		(STANDARD GLASS BEADS)			(1, 50MM)	
3,175	M	REMOVAL OF PAVEMENT MARKING LINES (150MM)	149	M	UNPAVED TRENCHING (*****)	
					(2, 50MM)	
1,700	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)	15	EA	JUNCTION BOX (STANDARD SIZE)	
2,170	EA	PERMANENT RAISED PAVEMENT MARKERS	4	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
21	EA	2.1M U-CHANNEL POSTS	4	EA	GUY ASSEMBLY	
210	EA	FLEXIBLE DELINEATORS (CRYSTAL)	4	EA	50MM RISER WITH HEAT SHRINK TUBING	
110	EA	FLEXIBLE DELINEATORS (YELLOW)	603	M	INDUCTIVE LOOP SAWCUT	
21	EA	OBJECT MARKERS (END OF ROAD)	1,440	M	LEAD-IN CABLE (*****)	
Lump Sum	LS	PORTABLE LIGHTING			(14-2)	
186	M	50MM WATER LINE	1,395	M	COMMUNICATIONS CABLE (**FIBER)	
6	M	100MM WATER LINE			(12)	
548	M	150MM WATER LINE	4	EA	INTERCONNECT CENTER	
586	M	200MM WATER LINE	4	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT	
76	M	250MM WATER LINE	2	EA	DELINEATOR MARKER	
1,054	M	300MM WATER LINE	1	EA	FURNISH FIBER-OPTIC TRANSCEIVER	
3	EA	50MM VALVE	16	EA	METAL STRAIN SIGNAL POLE	
1	EA	100MM VALVE	16	EA	SOIL TEST	
2	EA	150MM VALVE	80	M3	DRILLED PIER FOUNDATION	
3	EA	300MM VALVE	2	EA	SIGN FOR SIGNALS	
2	EA	250MM TAPPING VALVE	3	EA	SIGNAL CABINET FOUNDATION	
1	EA	50MM BLOW OFF	1	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION	
19	EA	RELOCATE WATER METER	1	EA	CABINET BASE ADAPTER	
2	EA	RECONNECT WATER METER	4	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
164	M	300MM FORCE MAIN SEWER	15	EA	DETECTOR CARD (TYPE 2070L)	
580	M	ABANDON 200MM UTILITY PIPE	3	EA	CABINET BASE EXTENDER	
74	M	ABANDON 250MM UTILITY PIPE				
958	M	ABANDON 300MM UTILITY PIPE				
22,580	M	TEMPORARY SILT FENCE				
2,725	MTN	STONE FOR EROSION CONTROL, CLASS A				***** BEGIN SCHEDULE AA *****
25,130	MTN	STONE FOR EROSION CONTROL, CLASS B	1,636	M	375MM RC PIPE CULVERTS, CLASS III	***** (3 ALTERNATES) *****
12,800	MTN	SEDIMENT CONTROL STONE	919.2	M	450MM RC PIPE CULVERTS, CLASS III	
90	HA	TEMPORARY MULCHING	980.4	M	600MM RC PIPE CULVERTS, CLASS III	
3,075	KG	SEED FOR TEMPORARY SEEDING	753.6	M	750MM RC PIPE CULVERTS, CLASS III	
25	MTN	FERTILIZER FOR TEMPORARY SEEDING	238.8	M	900MM RC PIPE CULVERTS, CLASS III	
1,575	M	TEMPORARY SLOPE DRAINS				*** OR ***
88	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	1,148.8	M	375MM RC PIPE CULVERTS, CLASS III	
6,750	M	SAFETY FENCE	426	M	450MM RC PIPE CULVERTS, CLASS III	
101,925	M3	SILT EXCAVATION	729.6	M	600MM RC PIPE CULVERTS, CLASS III	
20,000	M2	MATTING FOR EROSION CONTROL	590.4	M	750MM RC PIPE CULVERTS, CLASS III	
1,580	M2	COIR FIBER MAT	208.8	M	900MM RC PIPE CULVERTS, CLASS III	
11,975	M2	PERMANENT SOIL REINFORCEMENT MAT	487.2	M	****MM HDPE PIPE CULVERTS (375MM)	
1,200	M	6.4MM HARDWARE CLOTH	493.2	M	****MM HDPE PIPE CULVERTS (450MM)	
48	M	TEMPORARY PIPE FOR STREAM CROSSING	250.8	M	****MM HDPE PIPE CULVERTS (600MM)	
3,025	M	COIR FIBER BAFFLES	163.2	M	****MM HDPE PIPE CULVERTS (750MM)	
2	EA	***MM SKIMMER (102MM)	30	M	****MM HDPE PIPE CULVERTS (900MM)	
45	EA	***MM SKIMMER (38MM)				*** OR ***
18	EA	***MM SKIMMER (51MM)	1,148.8	M	375MM RC PIPE CULVERTS, CLASS III	
16	EA	***MM SKIMMER (64MM)	426	M	450MM RC PIPE CULVERTS, CLASS III	
15	EA	***MM SKIMMER (76MM)	729.6	M	600MM RC PIPE CULVERTS, CLASS III	
166	HA	SEEDING & MULCHING	590.4	M	750MM RC PIPE CULVERTS, CLASS III	
46	HA	MOWING	208.8	M	900MM RC PIPE CULVERTS, CLASS III	
750	KG	SEED FOR REPAIR SEEDING	487.2	M	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (375MM, 1.63MM)	
3.5	MTN	FERTILIZER FOR REPAIR SEEDING				
2,050	KG	SEED FOR SUPPLEMENTAL SEEDING				
280	MTN	FERTILIZER TOPDRESSING				
225	M	IMPERVIOUS DIKE				
64.5	HR	SPECIALIZED HAND MOWING				
54	EA	RESPONSE FOR EROSION CONTROL				
165	M3	CULVERT DIVERSION CHANNEL				
10	HA	REFORESTATION				
2.5	HA	STREAMBANK REFORESTATION				
Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION				

			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (114+74.700 -L-LT)
493.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (450MM, 1.63MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (114+74.700 -L-RT)
250.8	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (600MM, 1.63MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+92.556 -L-LT)
163.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (750MM, 2.01MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (118+92.556 -L-RT)
30	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (900MM, 2.01MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (132+37.000 -L-LT)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (132+37.000 -L-RT)
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (146+62.803 -L-)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+60.000 -Y2-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (87+73.739 -L2-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+60.000 -Y2-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (90+62.554 -L-)
53	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (93+23.591 -L-LT)
70.9	M3	CLASS A CONCRETE (CULVERT)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (93+23.591 -L-RT)
5,112	KG	REINFORCING STEEL (CULVERT)			

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (114+74.700 -L-LT)	156,371	KG	REINFORCING STEEL (BRIDGE)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (114+74.700 -L-RT)	3,763	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (132+37.000 -L-LT)	764.008	M	1143MM PRESTRESSED CONCRETE GIRDERS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (132+37.000 -L-RT)	299	M	1372MM PRESTRESSED CONCRETE GIRDERS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 146+62.803 -L-)	1,209.1	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 86+57.806 -L2-)	2,756.6	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 87+73.739 -L2-)	797,536	LS	APPROX KG STRUCTURAL STEEL
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 90+62.554 -L-)	7,564	M	HP310X79 STEEL PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 93+23.591 -L-LT)	2,796	M	HP360X108 STEEL PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 93+23.591 -L-RT)	2,516	M	HP360X108 GALVANIZED STEEL PILES
13	EA	PDA TESTING	816	M	PP ** X **** GALVANIZED STEEL PILES (610MM X 12.70MM)
13	EA	PDA ASSISTANCE	245	EA	PILE REDRIVES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (114+74.700 -L-LT)	2,459.891	M	CONCRETE BARRIER RAIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (114+74.700 -L-RT)	8,869	M2	100MM SLOPE PROTECTION
16,860.5	M2	REINFORCED CONCRETE DECK SLAB	1,620	MTN	RIP RAP CLASS II (600MM THICK)
16,984.5	M2	GROOVING BRIDGE FLOORS	1,629	M2	FILTER FABRIC FOR DRAINAGE
1,461.3	M3	CLASS A CONCRETE (BRIDGE)	Lump Sum	LS	POT BEARINGS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (100+61.488 -L-LT)	Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (100+61.488 -L-RT)	Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (103+80.709 -L-LT)	Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (103+80.709 -L-RT)	Lump Sum	LS	GENERIC STRUCTURE ITEM CHAIN LINK FENCE FOR PROTECTION OF RAILROAD
			Lump Sum	LS	GENERIC STRUCTURE ITEM POST-TENSIONING TENDONS
			55.8	M3	GENERIC STRUCTURE ITEM 41.4 MPA CONCRETE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080819 008

CONTRACT ID : C202110 41148.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.000 MI

COUNTY : NEW HANOVER, BRUNSWICK

SAFETY IMPROVEMENTS, PAINTING, AND STRUCTURAL MAINTENANCE.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : JAN 31 2009

SOUTHPORT AND FORT FISHER RAMP - GANTRY PAINT AND REHA- BILITATION.

STRUCTURE ITEMS

Lump Sum	LS	MOBILIZATION (STRUCTURES)
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING LIFT BENT (FORT FISHER)
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING LIFT BENT (SOUTHPORT)
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING RAMP (FORT FISHER)
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & PAINTING EXISTING RAMP (SOUTHPORT)
Lump Sum	LS	GENERIC STRUCTURE ITEM INSTALLATION OF WORK PLATFORM (FORT FISHER)
Lump Sum	LS	GENERIC STRUCTURE ITEM INSTALLATION OF WORK PLATFORM (SOUTHPORT)
Lump Sum	LS	GENERIC STRUCTURE ITEM RAMP LIFT, ELECTRICAL, AND LUBRICATION SYSTEM (FORT FISHER)
Lump Sum	LS	GENERIC STRUCTURE ITEM RAMP LIFT, ELECTRICAL, AND LUBRICATION SYSTEM (SOUTHPORT)
Lump Sum	LS	GENERIC STRUCTURE ITEM REPAIR OF EXISTING RAMP END (FORT FISHER)
Lump Sum	LS	GENERIC STRUCTURE ITEM REPAIR OF EXISTING RAMP END (SOUTHPORT)
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACEMENT OF EXISTING STEEL BEAM (FORT FISHER)
Lump Sum	LS	GENERIC STRUCTURE ITEM REPLACEMENT OF EXISTING STEEL BEAM (SOUTHPORT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 009

CONTRACT ID : C202015 41923.3.1

DIV OFFICE WILSON

LENGTH = 6.700 MI

COUNTY : HALIFAX

PAVEMENT REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : JUN 30 2009

I-95 FROM NC-481 (MP-154) TO NC-561 (MP-160).

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
400	CY	MOBILIZATION UNDERCUT EXCAVATION
3,100	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT SLABS
400	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
92,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
1,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
22,130	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
13,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,117	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
798	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
667	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-28
40,000	LB	SEALING EXISTING PAVEMENT CRACKS & JOINTS
1,170	SF	PATCHING CONCRETE PAVEMENT SPALLS
6,439	TON	ULTRATHIN HOT MIX ASPHALT, TYPE B
4,600	TON	ULTRATHIN HOT MIX ASPHALT, TYPE C
368,000	SY	APPLICATION OF ULTRATHIN HOT MIX ASPHALT
142,232	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
100	CY	SUBDRAIN EXCAVATION
100	CY	SUBDRAIN FINE AGGREGATE
500	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
25	EA	GENERIC DRAINAGE ITEM DROP INLET REPAIR
600	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
200	EA	DRUMS
4	EA	TMA
176,910	LF	PAINT PAVEMENT MARKING LINES (6")
10,000	LF	PAINT PAVEMENT MARKING LINES (12")
6	EA	PAINT PAVEMENT MARKING SYMBOL
176,910	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
10,000	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
6	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (HIGHLY REFLECTIVE ELEMENTS)
1,000	EA	SNOWPLOWABLE PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 010

CONTRACT ID : C201897 33637.3.1

DIV OFFICE DURHAM

LENGTH = 0.152 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER CLARK'S CREEK AND APPROACHES ON SR-1007.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
100	CY	UNDERCUT EXCAVATION
1,235	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
610	SF	TEMPORARY SHORING
250	SY	GENERIC GRADING ITEM
		ROCK PLATING
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
40	LF	*** SIDE DRAIN PIPE (30")
128	LF	54" RC PIPE CULVERTS, CLASS III
156	LF	*** CS PIPE CULVERTS, ***** THICK (84", 0.168")
20	LF	24" CS PIPE CULVERTS, 0.064" THICK
24	LF	30" CS PIPE CULVERTS, 0.079" THICK
240	LF	PIPE REMOVAL
25	TON	#57 STONE
100	TON	INCIDENTAL STONE BASE
260	SY	INCIDENTAL MILLING
1,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
425	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
875	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
125	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
13	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
10.5	CY	REINFORCED ENDWALLS
612.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
300	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
464	TON	RIP RAP, CLASS I
718	TON	RIP RAP, CLASS B
80	TON	BOULDERS
3,086	SY	FILTER FABRIC FOR DRAINAGE
128	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
32	LF	BARRICADES (TYPE III)
480	HR	FLAGGER
1	EA	TMIA
30	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
25,200	LF	PAINT PAVEMENT MARKING LINES (4")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")

15	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
325	TON	STONE FOR EROSION CONTROL, CLASS B
200	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1,200	LF	SAFETY FENCE
840	CY	SILT EXCAVATION
925	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
850	SY	PERMANENT SOIL REINFORCEMENT MAT
25	LF	1/4" HARDWARE CLOTH
100	LF	*** TEMPORARY PIPE (15")
210	LF	*** TEMPORARY PIPE (18")
5	EA	SPECIAL STILLING BASINS
135	LF	COIR FIBER BAFFLES
3	EA	*** SKIMMER (1-1/2")
3.5	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
160	LF	IMPERVIOUS DIKE
3	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.6	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+04.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (20+04.00-L-)
82	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
175.6	CY	CLASS A CONCRETE (CULVERT)
27,562	LB	REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 011

CONTRACT ID : C201893 33450.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.242 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER LITTLE ROCKFISH CREEK AND APPROACHES ON SR-1108.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+22.30)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
250	CY	UNDERCUT EXCAVATION
1,660	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
250	SY	FABRIC FOR SOIL STABILIZATION
2	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
12	LF	15" RC PIPE CULVERTS, CLASS III
1,098	TON	AGGREGATE BASE COURSE
1,050	GAL	PRIME COAT
330	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
220	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
990	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
85	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
22	LF	SHOULDER BERM GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
721	LF	REMOVE EXISTING GUARDRAIL
325	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
80	TON	RIP RAP, CLASS II
500	TON	RIP RAP, CLASS B
1,720	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
29	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
88	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
32	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
25	EA	CONES
48	LF	BARRICADES (TYPE III)
560	HR	FLAGGER
1	EA	TMIA
16	EA	TEMPORARY RAISED PAVEMENT MARKERS
31,064	LF	PAINT PAVEMENT MARKING LINES (4")
1,920	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
16	EA	PERMANENT RAISED PAVEMENT MARKERS
1,195	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS A
170	TON	STONE FOR EROSION CONTROL, CLASS B
40	TON	SEDIMENT CONTROL STONE
3.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING

1.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
720	CY	SILT EXCAVATION
1,275	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
20	LF	1/4" HARDWARE CLOTH
330	LF	COIR FIBER BAFFLES
7	EA	*** SKIMMER (1-1/2")
1	EA	*** SKIMMER (2")
4.5	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.75	TON	FERTILIZER TOPDRESSING
3	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
1.4	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+22.30-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+22.30-L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+22.30-L-)
4,040	SF	CONCRETE WEARING SURFACE
5,289	SF	GROOVING BRIDGE FLOORS
44.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+22.30-L-)
8,593	LB	REINFORCING STEEL (BRIDGE)
940	LF	HP12X53 STEEL PILES
12	EA	PILE REDRIVES
225.5	LF	CONCRETE BARRIER RAIL
225	TON	RIP RAP CLASS II (2'-0" THICK)
245	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,464.125	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 012

CONTRACT ID : C202135 39750.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.598 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 15 2009

SR-1404 (MORGANTON RD) FROM SYCAMORE DAIRY RD TO GLENSFORD ROAD.

ROADWAY ITEMS					
Lump Sum	LS	MOBILIZATION	230	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
Lump Sum	LS	CONSTRUCTION SURVEYING	240	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+88.85)	7	EA	ADJUSTMENT OF MANHOLES
	1	ACR	6	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
	1	CY	1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER
Lump Sum	LS	GRADING	1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CB TO TBJB WITH MANHOLE COVER
35,300	CY	BORROW EXCAVATION	2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
10	CY	DRAINAGE DITCH EXCAVATION	4,012.5	LF	STEEL BM GUARDRAIL
100	CY	SELECT GRANULAR MATERIAL	262.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
100	SY	FABRIC FOR SOIL STABILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
195	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
272	LF	18" RC PIPE CULVERTS, CLASS III	3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
12	LF	24" RC PIPE CULVERTS, CLASS III	2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
12	LF	60" RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
624	LF	66" RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
144	LF	***** RC PIPE CULVERTS, CLASS IV (66")	3,735	LF	REMOVE EXISTING GUARDRAIL
164	LF	***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18", 0.064")	10	LF	WOVEN WIRE FENCE, 47" FABRIC
4	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
12	LF	***** X *** BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (95" X 67", 0.109")	1,640	LF	CHAIN LINK FENCE, *** FABRIC (72")
172	LF	PIPE REMOVAL	40	LF	CHAIN LINK FENCE, 48" FABRIC
1	TON	INCIDENTAL STONE BASE	136	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
1,920	SY	INCIDENTAL MILLING	3	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
7,800	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	8	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
5,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
8,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	400	LF	CHAIN LINK FENCE RESET
580	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	18	TON	RIP RAP, CLASS I
500	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	3	TON	RIP RAP, CLASS B
160	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	163	SY	FILTER FABRIC FOR DRAINAGE
24	CY	REINFORCED ENDWALLS	50	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (B)
18	CY	PIPE COLLARS	75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
0.1	CY	PIPE PLUGS	118	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
3.5	CY	FLOWABLE FILL	25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
32	EA	MASONRY DRAINAGE STRUCTURES	1	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
35	CY	MASONRY DRAINAGE STRUCTURES	314	LB	SUPPORTS, SIMPLE STEEL BEAM
33	LF	MASONRY DRAINAGE STRUCTURES	671	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	FRAME WITH TWO GRATES, STD 840.16	9	EA	SIGN ERECTION, TYPE D
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	24	EA	SIGN ERECTION, TYPE E
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	3	EA	SIGN ERECTION, TYPE F
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
7	EA	FRAME WITH COVER, STD 840.54	1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)
2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
6,200	LF	2'-6" CONCRETE CURB & GUTTER	2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
2,950	SY	4" CONCRETE SIDEWALK	30	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
24	EA	CONCRETE WHEELCHAIR RAMPS			

			4,450	LF	SIGNAL CABLE	
			48	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	
			11	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	
			4,090	LF	MESSENGER CABLE (1/4")	
			1,900	LF	MESSENGER CABLE (3/8")	
			350	LF	TRACER WIRE	
			1,500	LF	UNPAVED TRENCHING (***** (1, 2"))	
			31	EA	JUNCTION BOX (STANDARD SIZE)	
			5	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	
			1	EA	WOOD POLE	
			4	EA	GUY ASSEMBLY	
			7,550	LF	INDUCTIVE LOOP SAWCUT	
			3,650	LF	LEAD-IN CABLE (***** (2 PAIR))	
			2	EA	SITE SURVEY	
			8	EA	LUMINAIRE ARM FOR VIDEO SYSTEM	
			8	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	
			2	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	
			4,500	LF	COMMUNICATIONS CABLE (**FIBER) (18)	
			500	LF	DROP CABLE	
			8	EA	SPLICE ENCLOSURE	
			2	EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING	
			2	EA	DELINEATOR MARKER	
			4,100	LF	REMOVE EXISTING COMMUNICATIONS CABLE	
			16	EA	METAL STRAIN SIGNAL POLE	
			16	EA	SOIL TEST	
			112	CY	DRILLED PIER FOUNDATION	
			2	EA	METAL STRAIN POLE DESIGN	
			17	EA	SIGN FOR SIGNALS	
			6	EA	SIGNAL CABINET FOUNDATION	
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			33	EA	DETECTOR CARD (TYPE 2070L)	
			2	EA	CABINET BASE EXTENDER	
			2	EA	TRAFFIC SIGNAL REMOVAL	
			1	EA	METAL POLE FOUNDATION REMOVAL	
			1	EA	GENERIC SIGNAL ITEM METAL POLE RELOCATION	
			2	EA	GENERIC SIGNAL ITEM RELOCATE EXIST CCTV CABINET ASSEMBLY	
			2	EA	GENERIC SIGNAL ITEM RELOCATE EXIST SIGNAL CABINET & CONTROLLER ASSEMBLY	
			Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (44+88.35 -L-)	
			262	LF	3'-6" DIA DRILLED PIERS IN SOIL	
			30	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL	
			4	EA	SID INSPECTION	
			4	EA	SPT TESTING	
			4	EA	CROSSHOLE SONIC LOGGING	
			27,683	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)	
			27,005	SF	GROOVING BRIDGE FLOORS	
			233.5	CY	CLASS A CONCRETE (BRIDGE)	
			Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+88.35-L-)	
			56,246	LB	REINFORCING STEEL (BRIDGE)	
			7,586	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
			763,916	LS	APPROX LBS STRUCTURAL STEEL	
			3,300	LF	HP12X53 STEEL PILES	
			567.4	LF	THREE BAR METAL RAIL	
			1,086	SY	4" SLOPE PROTECTION	
			Lump Sum	LS	EVAZOTE JOINT SEALS	
			Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (44+88.35-L-)	
			7,947	SF	PILE PANEL RETAINING WALLS	
					***** BEGIN SCHEDULE AA *****	
					***** (3 ALTERNATES) *****	
			1,248	LF	15" RC PIPE CULVERTS, CLASS III	
					*** OR ***	
			1,200	LF	15" RC PIPE CULVERTS, CLASS III	
3	EA	DISPOSAL OF SIGN SYSTEM, WOOD				
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL				
2	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)				
318	SF	WORK ZONE SIGNS (STATIONARY)				
32	SF	WORK ZONE SIGNS (PORTABLE)				
75	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)				
2	EA	FLASHING ARROW PANELS, TYPE C				
4	EA	CHANGEABLE MESSAGE SIGN				
273	EA	DRUMS				
156	LF	BARRICADES (TYPE III)				
120	MD	FLAGGER				
5	EA	TEMPORARY CRASH CUSHIONS				
1,934	LF	PORTABLE CONCRETE BARRIER				
320	HR	POLICE				
1,714	EA	TEMPORARY RAISED PAVEMENT MARKERS				
487	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)				
36,605	LF	PAINT PAVEMENT MARKING LINES (4")				
638	LF	PAINT PAVEMENT MARKING LINES (8")				
1,710	LF	PAINT PAVEMENT MARKING LINES (24")				
40	EA	PAINT PAVEMENT MARKING CHARACTER				
268	EA	PAINT PAVEMENT MARKING SYMBOL				
28,105	LF	POLYUREA PAVEMENT MARKING LINES (4", ***** (STANDARD GLASS BEADS)				
819	LF	POLYUREA PAVEMENT MARKING LINES (8", ***** (STANDARD GLASS BEADS)				
855	LF	POLYUREA PAVEMENT MARKING LINES (24", ***** (STANDARD GLASS BEADS)				
20	EA	POLYUREA PAVEMENT MARKING CHARACTER (***** (STANDARD GLASS BEADS)				
134	EA	POLYUREA PAVEMENT MARKING SYMBOL (***** (STANDARD GLASS BEADS)				
37	EA	PERMANENT RAISED PAVEMENT MARKERS				
1,677	EA	SNOWPLOWABLE PAVEMENT MARKERS				
42	EA	FLEXIBLE DELINEATORS (CRYSTAL)				
22	EA	FLEXIBLE DELINEATORS (YELLOW)				
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)				
10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)				
1,916	LF	16" WATER LINE				
1	EA	12" VALVE				
4	EA	16" VALVE				
1	EA	12" TAPPING VALVE				
2	EA	16" TAPPING VALVE				
2	EA	2" AIR RELEASE VALVE				
1	EA	FIRE HYDRANT				
1	EA	RELOCATE FIRE HYDRANT				
2,224	LF	ABANDON 16" UTILITY PIPE				
370	LF	24" ENCASEMENT PIPE				
370	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL				
8,220	LF	TEMPORARY SILT FENCE				
50	TON	STONE FOR EROSION CONTROL, CLASS A				
55	TON	STONE FOR EROSION CONTROL, CLASS B				
125	TON	SEDIMENT CONTROL STONE				
15	ACR	TEMPORARY MULCHING				
550	LB	SEED FOR TEMPORARY SEEDING				
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING				
50	LF	TEMPORARY SLOPE DRAINS				
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
40	CY	SILT EXCAVATION				
575	SY	MATTING FOR EROSION CONTROL				
560	LF	1/4" HARDWARE CLOTH				
14	ACR	SEEDING & MULCHING				
9	ACR	MOWING				
200	LB	SEED FOR REPAIR SEEDING				
0.5	TON	FERTILIZER FOR REPAIR SEEDING				
350	LB	SEED FOR SUPPLEMENTAL SEEDING				
10.5	TON	FERTILIZER TOPDRESSING				
2	HR	SPECIALIZED HAND MOWING				
8	EA	RESPONSE FOR EROSION CONTROL				

48 LF **** HDPE PIPE CULVERTS
(15")
**** OR ****
1,200 LF 15" RC PIPE CULVERTS, CLASS
III
48 LF **** ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ****
THICK
(15", 0.064")

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 014

CONTRACT ID : C201855 33594.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.545 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : DEC 31 2010

BRIDGES OVER BIG & LITTLE BEAVER ISLAND CREEKS & APPROACHES ON US-311.

ROADWAY ITEMS					
			8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
			320	LF	REMOVE EXISTING GUARDRAIL
			225	LF	TEMPORARY STEEL BM GUARDRAIL
Lump Sum	LS	MOBILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY
52,800	CY	UNCLASSIFIED EXCAVATION			(B-77)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (27+69.00)	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (31+61.50)	45	LF	CHAIN LINK FENCE, *** FABRIC (72")
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	4	EA	METAL LINE POSTS FOR *** CHAIN LINK FENCE (72")
3,400	CY	UNDERCUT EXCAVATION	1	EA	METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72")
Lump Sum	LS	GRADING	165	TON	RIP RAP, CLASS I
690	CY	DRAINAGE DITCH EXCAVATION	180	TON	RIP RAP, CLASS B
300	CY	SELECT GRANULAR MATERIAL	1,225	SY	FILTER FABRIC FOR DRAINAGE
300	SY	FABRIC FOR SOIL STABILIZATION	3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
2,250	SF	TEMPORARY SHORING	361	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
335	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA	SIGN ERECTION, TYPE D
216	LF	15" SIDE DRAIN PIPE	15	EA	SIGN ERECTION, TYPE E
40	LF	18" SIDE DRAIN PIPE	1	EA	SIGN ERECTION, TYPE F
128	LF	18" RC PIPE CULVERTS, CLASS III	33	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
72	LF	24" RC PIPE CULVERTS, CLASS III	643	SF	WORK ZONE SIGNS (STATIONARY)
80	LF	66" RC PIPE CULVERTS, CLASS III	256	SF	WORK ZONE SIGNS (PORTABLE)
120	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	218	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	113	EA	DRUMS
434	LF	PIPE REMOVAL	30	EA	CONES
1	EA	PIPE CLEAN-OUT	332	LF	BARRICADES (TYPE III)
269	TON	AGGREGATE BASE COURSE	1,380	HR	FLAGGER
500	TON	INCIDENTAL STONE BASE	4	EA	TEMPORARY CRASH CUSHIONS
4,350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1	EA	TMIA
2,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	320	LF	PORTABLE CONCRETE BARRIER
2,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	320	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
469	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	60	HR	POLICE
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	60	EA	SKINNY DRUM
65	EA	RIGHT OF WAY MARKERS	283	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,400	CY	SUBDRAIN EXCAVATION	1,900	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
700	CY	SUBDRAIN FINE AGGREGATE	46	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (IV)
4,150	LF	6" PERFORATED SUBDRAIN PIPE	2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
125	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	82,856	LF	PAINT PAVEMENT MARKING LINES (4")
9	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	534	LF	PAINT PAVEMENT MARKING LINES (8")
54	LF	6" OUTLET PIPE (SUBDRAINS)	808	LF	PAINT PAVEMENT MARKING LINES (24")
2	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	66	EA	PAINT PAVEMENT MARKING SYMBOL
6.3	CY	REINFORCED ENDWALLS	22,744	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
0.893	CY	PIPE COLLARS	259	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
9	EA	MASONRY DRAINAGE STRUCTURES	227	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
3	EA	FRAME WITH TWO GRATES, STD 840.24	23	EA	POLYUREA PAVEMENT MARKING SYMBOL (***** (STANDARD GLASS BEADS)
6	EA	FRAME WITH TWO GRATES, STD 840.29	15,868	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
337	LF	SHOULDER BERM GUTTER	100	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
11	SY	4" CONCRETE PAVED DITCH	139	EA	PERMANENT RAISED PAVEMENT MARKERS
1,487.5	LF	STEEL BM GUARDRAIL	4	EA	7" U-CHANNEL POSTS
212.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	4	EA	OBJECT MARKERS (END OF ROAD)
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
10	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			

5.5	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
186	LF	2" WATER LINE
42	LF	4" WATER LINE
819	LF	8" WATER LINE
780	LF	12" WATER LINE
1,447	LF	16" WATER LINE
1	EA	4" VALVE
3	EA	8" VALVE
1	EA	12" VALVE
1	EA	16" VALVE
1	EA	2" BLOW OFF
2	EA	RELOCATE WATER METER
2	EA	RECONNECT WATER METER
5	EA	RELOCATE FIRE HYDRANT
28	LF	4" SANITARY GRAVITY SEWER
1,534	LF	8" SANITARY GRAVITY SEWER
268	LF	10" SANITARY GRAVITY SEWER
9	EA	4' DIA UTILITY MANHOLE
14	LF	UTILITY MANHOLE WALL, 4' DIA
2,333	LF	ABANDON 8" UTILITY PIPE
152	LF	ABANDON 10" UTILITY PIPE
803	LF	ABANDON 12" UTILITY PIPE
1,413	LF	ABANDON 16" UTILITY PIPE
7	EA	REMOVE UTILITY MANHOLE
275	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
250	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL
2	EA	STEEL PILE PIERS
5,530	LF	TEMPORARY SILT FENCE
310	TON	STONE FOR EROSION CONTROL, CLASS A
970	TON	STONE FOR EROSION CONTROL, CLASS B
400	TON	SEDIMENT CONTROL STONE
12.5	ACR	TEMPORARY MULCHING
550	LB	SEED FOR TEMPORARY SEEDING
2.75	TON	FERTILIZER FOR TEMPORARY SEEDING
130	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
900	LF	SAFETY FENCE
7,140	CY	SILT EXCAVATION
4,630	SY	MATTING FOR EROSION CONTROL
60	SY	COIR FIBER MAT
4,620	SY	PERMANENT SOIL REINFORCEMENT MAT
180	LF	1/4" HARDWARE CLOTH
540	LF	WATTLE
240	LB	POLYACRYLAMIDE (PAM)
1,560	LF	COIR FIBER BAFFLES
5	EA	*** SKIMMER (1-1/2")
3	EA	*** SKIMMER (2")
2	EA	*** SKIMMER (2-1/2")
16	ACR	SEEDING & MULCHING
9	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
350	LB	SEED FOR SUPPLEMENTAL SEEDING
10.5	TON	FERTILIZER TOPDRESSING
4.5	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION
1,040	LF	SIGNAL CABLE
6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
6	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
1,900	LF	MESSSENGER CABLE (1/4")
590	LF	MESSSENGER CABLE (3/8")
1,260	LF	UNPAVED TRENCHING (*****) (1, 2")
8	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	WOOD POLE
18	EA	GUY ASSEMBLY
2	EA	1" RISER WITH WEATHERHEAD
8	EA	2" RISER WITH WEATHERHEAD
2	EA	2" RISER WITH HEAT SHRINK TUBING
1,100	LF	INDUCTIVE LOOP SAWCUT
2,430	LF	LEAD-IN CABLE (*****) (14-2)

2,050	LF	COMMUNICATIONS CABLE (**FIBER) (12)
2	EA	INTERCONNECT CENTER
2	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
10	EA	DETECTOR CARD (TYPE 2070L)
2	EA	CABINET BASE EXTENDER
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (STATION -Y- 16+07)

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

308	LF	15" RC PIPE CULVERTS, CLASS III
		*** OR ***
216	LF	15" RC PIPE CULVERTS, CLASS III
92	LF	**** HDPE PIPE CULVERTS (15")
		*** OR ***
216	LF	15" RC PIPE CULVERTS, CLASS III
92	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (27+69.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (31+61.00-L-)
702	LF	PILE EXCAVATION IN SOIL
134	LF	PILE EXCAVATION NOT IN SOIL
1,352	CY	UNCLASSIFIED STRUCTURE EXCAVATION
10,728	SF	REINFORCED CONCRETE DECK SLAB
14,068	SF	GROOVING BRIDGE FLOORS
113.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+69.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+61.00-L-)
17,593	LB	REINFORCING STEEL (BRIDGE)
347,600	LS	APPROX LBS STRUCTURAL STEEL
840	LF	HP12X53 STEEL PILES
361.84	LF	TWO BAR METAL RAIL
393.1	LF	1'-***X ***** CONCRETE PARAPET (1'-2" X 2'-6")
1,145	TON	RIP RAP CLASS II (2'-0" THICK)
1,270	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (27+69.00-L-)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA***** (31+61.00-L-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 015

CONTRACT ID : C201896 33615.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.118 MI

COUNTY : SCOTLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER BIG SHOE HEEL CREEK AND APPROACHES ON NC-144.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+68.90)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
400	CY	UNDERCUT EXCAVATION
750	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
62	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
12	LF	15" RC PIPE CULVERTS, CLASS III
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
28	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
22	LF	SHOULDER BERM GUTTER
550	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
300	LF	WOVEN WIRE FENCE, 47" FABRIC
20	EA	4" TIMBER FENCE POSTS, 7'-6" LONG
10	EA	5" TIMBER FENCE POSTS, 8'-0" LONG
300	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (47")
35	TON	RIP RAP, CLASS B
265	SY	FILTER FABRIC FOR DRAINAGE
191	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
3	EA	SIGN ERECTION, TYPE E
3	EA	SIGN ERECTION, TYPE F
12	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
334	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
109	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
16	HR	FLAGGER
1,370	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,370	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
360	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
8	EA	PERMANENT RAISED PAVEMENT MARKERS
932	LF	12" WATER LINE
4	EA	12" VALVE
1	EA	FIRE HYDRANT
700	LF	ABANDON 12" UTILITY PIPE
300	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
100	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
770	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A

65	TON	STONE FOR EROSION CONTROL, CLASS B
25	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
730	LF	SAFETY FENCE
335	CY	SILT EXCAVATION
470	SY	MATTING FOR EROSION CONTROL
75	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
65	LF	COIR FIBER BAFFLES
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
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+68.90-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (12+68.90-L-)
2,908	SF	CONCRETE WEARING SURFACE
4,084	SF	GROOVING BRIDGE FLOORS
38.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+68.90-L-)
5,788	LB	REINFORCING STEEL (BRIDGE)
1,300	LF	HP12X53 STEEL PILES
160.5	LF	TWO BAR METAL RAIL
175.5	LF	1'-***X ***** CONCRETE PARA- PET (1'-2"x2'-11 1/2")
156	TON	RIP RAP, CLASS ** (1, 2'-0" THICK)
173	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,053	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 016

CONTRACT ID : C201836 33423.3.1

DIV OFFICE SHELBY

LENGTH = 0.119 MI

COUNTY : CATAWBA

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER HILDEBRAN CREEK AND APPROACHES ON SR-1156 IN NEWTON.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+87.50)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
2,700	CY	BORROW EXCAVATION
182	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
250	SY	FABRIC FOR SOIL STABILIZATION
166	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
400	LF	15" RC PIPE CULVERTS, CLASS III
296	LF	18" RC PIPE CULVERTS, CLASS III
108	LF	24" RC PIPE CULVERTS, CLASS III
44	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
44	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
62	LF	PIPE REMOVAL
500	TON	INCIDENTAL STONE BASE
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
65	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
150	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
0.13	CY	PIPE PLUGS
15	EA	MASONRY DRAINAGE STRUCTURES
0.2	LF	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.16
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	EA	FRAME WITH COVER, STD 840.54
1,000	LF	2'-6" CONCRETE CURB & GUTTER
605	SY	4" CONCRETE SIDEWALK
3	EA	CONCRETE WHEELCHAIR RAMPS
60	SY	6" CONCRETE DRIVEWAY
112.5	LF	STEEL BM GUARDRAIL
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
200	LF	WOVEN WIRE FENCE RESET
85	TON	RIP RAP, CLASS I
80	TON	RIP RAP, CLASS B
475	SY	FILTER FABRIC FOR DRAINAGE
15.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
46	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE E

3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
279	SF	WORK ZONE SIGNS (STATIONARY)
64	SF	WORK ZONE SIGNS (PORTABLE)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	DRUMS
15	EA	CONES
64	LF	BARRICADES (TYPE III)
240	HR	FLAGGER
4,700	LF	PAINT PAVEMENT MARKING LINES (4")
26	LF	PAINT PAVEMENT MARKING LINES (24")
100	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
665	LF	12" WATER LINE
2	EA	12" VALVE
3	EA	RELOCATE WATER METER
118	LF	18" SANITARY GRAVITY SEWER
600	LF	ABANDON 12" UTILITY PIPE
480	LF	TEMPORARY SILT FENCE
105	TON	STONE FOR EROSION CONTROL, CLASS A
75	TON	STONE FOR EROSION CONTROL, CLASS B
115	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
90	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
320	LF	SAFETY FENCE
330	CY	SILT EXCAVATION
1,120	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
300	LF	1/4" HARDWARE CLOTH
115	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
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
0.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+87.50-EL-)
749	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
4,358	SF	REINFORCED CONCRETE DECK SLAB
3,316	SF	GROOVING BRIDGE FLOORS
54	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+87.50-EL-)
7,623	LB	REINFORCING STEEL (BRIDGE)
130,400	LS	APPROX LBS STRUCTURAL STEEL
500	LF	HP12X53 STEEL PILES
1,802	SF	*** STEEL SHEET PILES (18")
181.22	LF	THREE BAR METAL RAIL

207	TON	RIP RAP CLASS II (2'-0" THICK)
231	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 017

CONTRACT ID : C201894 33471.3.1

DIV OFFICE SHELBY

LENGTH = 0.199 MI

COUNTY : GASTON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER BEAVER DAM CREEK AND APPROACHES ON SR-1618.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+57.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
700	CY	UNDERCUT EXCAVATION
100	CY	DRAINAGE DITCH EXCAVATION
750	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
48	LF	18" RC PIPE CULVERTS, CLASS III
116	LF	24" RC PIPE CULVERTS, CLASS III
48	LF	PIPE REMOVAL
400	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
220	GAL	PRIME COAT
600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
450	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
56	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
60	LF	SHOULDER BERM GUTTER
675	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
305	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
815	LF	GENERIC FENCING ITEM ELECTRIC FENCE WITH POST
10	TON	RIP RAP, CLASS II
60	TON	RIP RAP, CLASS B
290	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
330	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
50	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
15	EA	CONES
64	LF	BARRICADES (TYPE III)
80	HR	FLAGGER
8,800	LF	PAINT PAVEMENT MARKING LINES (4")
1,820	LF	TEMPORARY SILT FENCE
120	TON	STONE FOR EROSION CONTROL, CLASS A
470	TON	STONE FOR EROSION CONTROL, CLASS B
145	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
130	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
600	LF	SAFETY FENCE
1,360	CY	SILT EXCAVATION
640	SY	MATTING FOR EROSION CONTROL
1,930	SY	PERMANENT SOIL REINFORCEMENT MAT

20	LF	1/4" HARDWARE CLOTH
460	LF	COIR FIBER BAFFLES
2	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+57.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+57.00-L-)
3,594	SF	REINFORCED CONCRETE DECK SLAB
3,473	SF	GROOVING BRIDGE FLOORS
35	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+57.00-L-)
6,166	LB	REINFORCING STEEL (BRIDGE)
108,200	LS	APPROX LBS STRUCTURAL STEEL
600	LF	HP12X53 STEEL PILES
226.67	LF	CONCRETE BARRIER RAIL
223	TON	RIP RAP CLASS II (2'-0" THICK)
248	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 018

CONTRACT ID : C201899 33765.3.1

DIV OFFICE SHELBY

LENGTH = 0.123 MI

COUNTY : IREDELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : JUL 15 2009

BRIDGE # 100 OVER A CREEK AND APPROACHES ON SR-1526.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+95.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
128	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
188	LF	15" RC PIPE CULVERTS, CLASS III
108	LF	18" RC PIPE CULVERTS, CLASS III
70	LF	PIPE REMOVAL
50	TON	INCIDENTAL STONE BASE
275	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
260	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
38	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
5	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	FRAME WITH TWO GRATES, STD 840.29
175	LF	STEEL BM GUARDRAIL
50	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BIC)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
30	TON	RIP RAP, CLASS II
305	TON	RIP RAP, CLASS B
1,010	SY	FILTER FABRIC FOR DRAINAGE
372	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
48	LF	BARRICADES (TYPE III)
5,200	LF	PAINT PAVEMENT MARKING LINES (4")
535	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
105	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
240	LF	SAFETY FENCE
415	CY	SILT EXCAVATION
750	SY	MATTING FOR EROSION CONTROL
15	SY	COIR FIBER MAT
60	LF	COIR FIBER BAFFLES
2	EA	*** SKIMMER (1-1/2")
1.5	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
0.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+95.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+95.00-L-)
5	LF	PILE EXCAVATION IN SOIL
53	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+95.00-L-)
44	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+95.00-L-)
7,101	LB	REINFORCING STEEL (BRIDGE)
285	LF	HP12X53 STEEL PILES
200	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
7	EA	PIPE PILE PLATES
214.5	LF	CONCRETE BARRIER RAIL
310	TON	RIP RAP CLASS II (2'-0" THICK)
345	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,179.75	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
510	SF	GENERIC STRUCTURE ITEM 18" GALVANIZED STEEL SHEET PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 019

CONTRACT ID : C201895 33543.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.064 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND CULVERT.

DBE GOAL 8.0% COMPLETION DATE : JUN 01 2009

BRIDGE #238 OVER A CREEK AND APPROACHES ON SR-1506 IN MARION.

ROADWAY ITEMS					
			1	EA	FLASHING ARROW PANELS, TYPE C
			1	EA	CHANGEABLE MESSAGE SIGN
			80	EA	DRUMS
			80	EA	CONES
			88	LF	BARRICADES (TYPE III)
			40	HR	FLAGGER
			1	EA	TMIA
			40	HR	POLICE
			3,112	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			24	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			6,172	LF	PAINT PAVEMENT MARKING LINES (4")
			320	LF	PAINT PAVEMENT MARKING LINES (8")
			240	LF	PAINT PAVEMENT MARKING LINES (24")
			28	EA	PAINT PAVEMENT MARKING SYMBOL
			105	EA	SNOWPLOWABLE PAVEMENT MARKERS
			Lump Sum	LS	PORTABLE LIGHTING
			12	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
			169	LF	18" SANITARY GRAVITY SEWER
			2	EA	SANITARY SEWER CLEAN-OUT
			1	EA	4' DIA UTILITY MANHOLE
			18	LF	UTILITY MANHOLE WALL, 4' DIA
			56	LF	ABANDON 12" UTILITY PIPE
			66	LF	ABANDON 18" UTILITY PIPE
			1	EA	ABANDON UTILITY MANHOLE
			1	EA	GENERIC UTILITY ITEM 4' DIA PRECAST CONCRETE FALSE BOTTOM MH, 0-6' DEPTH
			30	TON	GENERIC UTILITY ITEM FOUNDATION CONDITION MTL
			800	LF	TEMPORARY SILT FENCE
			285	TON	STONE FOR EROSION CONTROL, CLASS A
			100	TON	STONE FOR EROSION CONTROL, CLASS B
			300	TON	SEDIMENT CONTROL STONE
			1.5	ACR	TEMPORARY MULCHING
			100	LB	SEED FOR TEMPORARY SEEDING
			1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			550	LF	SAFETY FENCE
			385	CY	SILT EXCAVATION
			350	SY	MATTING FOR EROSION CONTROL
			200	SY	COIR FIBER MAT
			325	LF	1/4" HARDWARE CLOTH
			6	EA	SPECIAL STILLING BASINS
			25	LF	WATTLE
			10	LB	POLYACRYLAMIDE (PAM)
			125	LF	COIR FIBER BAFFLES
			1	EA	*** SKIMMER (1-1/2")
			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
			225	LF	IMPERVIOUS DIKE
			2	HR	SPECIALIZED HAND MOWING
			12	EA	RESPONSE FOR EROSION CONTROL
			160	CY	CULVERT DIVERSION CHANNEL
			0.1	ACR	REFORESTATION
			70	LF	PAVED TRENCHING (*****) (1, 2")
			210	LF	UNPAVED TRENCHING (*****) (1, 2")
			3	EA	JUNCTION BOX (STANDARD SIZE)
			950	LF	INDUCTIVE LOOP SAWCUT
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
1,600	CY	UNDERCUT EXCAVATION			
600	TON	CLASS IV SUBGRADE STABILIZATION			
500	CY	SELECT GRANULAR MATERIAL			
500	SY	FABRIC FOR SOIL STABILIZATION			
25	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
56	LF	18" RC PIPE CULVERTS, CLASS III			
8	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
36	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
81	LF	PIPE REMOVAL			
105	TON	AGGREGATE BASE COURSE			
25	TON	INCIDENTAL STONE BASE			
630	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 4")			
65	SY	INCIDENTAL MILLING			
655	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
352	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
720	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
45	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
44	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
14	EA	RIGHT OF WAY MARKERS			
115	CY	SUBDRAIN EXCAVATION			
85	CY	SUBDRAIN FINE AGGREGATE			
500	LF	6" PERFORATED SUBDRAIN PIPE			
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE (SUBDRAINS)			
1	CY	PIPE COLLARS			
8	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.24			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
1	EA	FRAME WITH COVER, STD 840.54			
1,100	LF	2'-6" CONCRETE CURB & GUTTER			
95	SY	6" CONCRETE DRIVEWAY			
2	EA	ADJUSTMENT OF CATCH BASINS			
175	LF	STEEL BM GUARDRAIL			
100	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
125	TON	RIP RAP, CLASS I			
790	SY	FILTER FABRIC FOR DRAINAGE			
257	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
164	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			

800 LF LEAD-IN CABLE (*****)
 (14-2)
 1 EA SIGNAL CABINET FOUNDATION
 1 EA CONTROLLER WITH CABINET (TYPE
 2070L, BASE MOUNTED)
 6 EA DETECTOR CARD (TYPE 2070L)
 1 EA CABINET BASE EXTENDER

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

68 LF 15" RC PIPE CULVERTS, CLASS
 III
 60 LF 24" RC PIPE CULVERTS, CLASS
 III
 *** OR ***
 48 LF 15" RC PIPE CULVERTS, CLASS
 III
 20 LF ***" ALUMINIZED CORRUGATED
 STEEL PIPE CULVERTS, ***"
 THICK
 (15", 0.064")
 60 LF ***" ALUMINIZED CORRUGATED
 STEEL PIPE CULVERTS, ***"
 THICK
 (24", 0.064")
 *** OR ***
 48 LF 15" RC PIPE CULVERTS, CLASS
 III
 20 LF ***" HDPE PIPE CULVERTS
 (15")
 60 LF ***" HDPE PIPE CULVERTS
 (24")

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum LS REMOVAL OF EXISTING STRUCTURE
 AT STATION *****
 (11+13.00-L1-)
 Lump Sum LS CULVERT EXCAVATION, STA *****
 (11+13.00-L1-)
 218 TON FOUNDATION CONDITIONING MATER-
 IAL, BOX CULVERT
 324 CY CLASS A CONCRETE (CULVERT)
 62,211 LB REINFORCING STEEL (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080819 020

CONTRACT ID : C202132 39972.3.GV1

DIV OFFICE ASHEVILLE

LENGTH = 12.260 MI

COUNTY : MCDOWELL

PAVEMENT REHABILITATION.

DBE GOAL 5.0% COMPLETION DATE : SEP 30 2009

I-40 FROM EAST OF OLD FORT AT MP 74.4 TO NC 226 (MP 86).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
56.46	SMI	SHOULDER RECONSTRUCTION
5,868	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
345,242	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
54,116	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
55,794	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,544	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,348	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
8,664	TON	PATCHING EXISTING PAVEMENT
258,932	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
298,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
32,366	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
9,808	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
192	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
660,000	LF	PAINT PAVEMENT MARKING LINES (4")
19,600	LF	PAINT PAVEMENT MARKING LINES (12")
384	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING SYMBOL
1,620	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING