



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

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 16
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
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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 mncdiarmid@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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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
RALEIGH, NORTH CAROLINA 27610

Prospective Bidders
Work Zone Traffic Control Qualifications and Training Program
Page 2 of 2

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 JULY 15 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 JUNE 17 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 L080715

RPN	Contract Id	WBS	County	Length	JobType
001	C201372	34445.4.1	MADISON, YANCEY	10.582 KM	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
002	C202007	34445.4.2	YANCEY	11.119 KM	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
003	C202107	34445.4.1 ETC.	MADISON, YANCEY	21.745 KM	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
008	C202109	39421	MARTIN	10.200 MI	DRAINAGE, RESURFACING AND GUARDRAIL.
009	C201732	33387.3.1	BEAUFORT, PITT	0.222 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C201848	33398.3.1	BRUNSWICK	0.180 MI	GRADING, DRAINAGE, PAVING AND STRUCTURES
011	C201847	36306.3.1	NEW HANOVER	0.466 MI	GRADING, DRAINAGE, PAVING & SIGNALS.
012	C202080	3CR.10651.57 ETC	NEW HANOVER	2.950 MI	MILLING AND RESURFACING.
013	C201869	33485.3.1	HALIFAX	0.154 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
014	C201890	33247.3.1	WARREN	0.142 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
015	C201830	33638.3.1	WAKE	0.189 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
016	C201874	33649.3.1	WARREN	0.214 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
017	C201461	39750.3.1	CUMBERLAND	0.598 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
*018	C202079	41927.3.1	ROBESON	0.000 MI	GRADING, DRAINAGE, PAVING, JACK STRS & SPAN REPLACEMENTS.
*019	C202078	41928.3.1	CUMBERLAND, HARNETT	0.000 MI	GRADING, DRAINAGE, PAVING, JACK STRS & SPAN REPLACEMENTS.
*020	C202118	41927.3.1 ETC.	ROBESON, CUMBERLAND,	0.000 MI	GRADING, DRAINAGE, PAVING, JACK STRS & SPAN REPLACEMENTS.
021	C201872	33563.3.1	ORANGE	0.128 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
022	C201857	34912.3.3	ALAMANCE	1.222 MI	WIDENING, GRADING, DRAINAGE, PAVING, C&G, SIGNALS & CULVERT.
023	C201876	37698.3.1	GUILFORD	0.417 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
024	C201873	33587.3.1	RANDOLPH	0.155 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
025	C201878	38913.3.1	DIVISIONWIDE	09.500 MI	NATIONAL HIGHWAY SYSTEM GUARDRAIL REHABILITATION.
026	C201500	33620.3.1	STOKES	0.506 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
027	C201815	33621.3.1	STOKES	0.275 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
028	C201867	33108.2.2	MCDOWELL	0.170 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
029	C201868	33403.3.1	BUNCOMBE	0.086 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
030	C201870	33540.3.1	MCDOWELL	0.042 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
031	C201871	33541.3.1	MCDOWELL	0.290 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
032	C202117	33540.3.1 ETC.	MCDOWELL	0.332 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
033	C201806	33544.3.1	MCDOWELL	0.114 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

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

Bid Letting Number L080715

RPN	Contract Id	WBS	County	Length	JobType
034	C201832	33509.3.1	JACKSON	0.143 MI	GRADING, DRAINAGE, PAVING, & STRUCTURE.
035	C201875	33715.3.1	CLAY	0.233 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
036	C202060	14C.045116	HENDERSON	2.438 MI	GRADING, DRAINAGE, AND PAVING.

Bid Letting Number L080819

RPN	Contract Id	WBS	County	Length	JobType
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.

<p>*NOTE: MANDATORY PRE-BID CONFERENCE ON TUESDAY, JULY 1, 2008 AT 10:00AM IN THE DIVISION 6 TRAINING ROOM LOCATED AT 558 GILLESPIE STREET, FAYETTEVILLE, NC PHONE NO. 910-486-1493.</p>

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080715 001

CONTRACT ID : C201372 34445.4.1

DIV OFFICE ASHEVILLE

LENGTH = 10.582 KM

COUNTY : MADISON, YANCEY

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 15 2012

US-19 FROM I-26 IN MADISON COUNTY TO 0.8 KM EAST OF YANCEY COUNTY LINE.

ROADWAY ITEMS						
			22	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (600MM, 1.63MM)	
Lump Sum	LS	MOBILIZATION				
Lump Sum	LS	CONSTRUCTION SURVEYING				
Lump Sum	LS	FIELD OFFICE				
Lump Sum	LS	CLEARING & GRUBBING .. HECTACRE(S)				
	1.6	HA				
		SUPPLEMENTARY CLEARING & GRUBBING	1,597	M	PIPE REMOVAL	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+30.00-Y2-)	Lump Sum	LS	FINE GRADING	
			31,000	M2	LIME TREATED SOIL (SLURRY METHOD)	
	25,000	M3				
		UNDERCUT EXCAVATION	345	MTN	LIME FOR LIME TREATED SOIL	
	10,750	MTN				
		CLASS IV SUBGRADE STABILIZATION	1,250	MTN	#57 STONE	
			500	MTN	STABILIZER AGGREGATE	
	9,360	M3				
		DRAINAGE DITCH EXCAVATION	72,325	M2	SOIL CEMENT BASE (180MM)	
	590	M				
		BERM DITCH CONSTRUCTION	2,170	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	
	52,150	M2				
		REMOVAL OF EXISTING ASPHALT PAVEMENT	490	MTN	AGGREGATE FOR SOIL CEMENT BASE	
	44	HR				
		PROOF ROLLING	70,275	L	ASPHALT CURING SEAL	
	2,000	M3				
		SELECT GRANULAR MATERIAL	250	MTN	INCIDENTAL STONE BASE	
	5,000	M2				
		FABRIC FOR SOIL STABILIZATION	16,000	L	PRIME COAT	
	2,010	M2				
		TEMPORARY SHORING	39,500	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (65MM)	
	8,000	M2				
		GENERIC GRADING ITEM SEPARATION FABRIC FOR ROCK EMBANKMENT	2,700	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
	13,500	MTN				
		GENERIC GRADING ITEM CLASS VI MATERIAL FOR ROCK EMBANKMENT	65,000	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
	3,785	MTN				
		FOUNDATION CONDITIONING MATERIAL, MINOR STRS	43,600	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
	130.8	M				
		375MM SIDE DRAIN PIPE	2,600	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	
	28.8	M				
		450MM SIDE DRAIN PIPE	2,620	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
	112.8	M				
		1200MM RC PIPE CULVERTS, CLASS III	790	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR	
	46.8	M				
		1350MM RC PIPE CULVERTS, CLASS III	485	EA	RIGHT OF WAY MARKERS	
	181.2	M				
		****MM RC PIPE CULVERTS, CLASS IV (750MM)	497	M3	SUBDRAIN EXCAVATION	
	115.2	M				
		****MM RC PIPE CULVERTS, CLASS IV (900MM)	249	M3	SUBDRAIN FINE AGGREGATE	
	24	M				
		*** X ***MM CS PIPE ARCH CULVERTS, ****MM THICK (2620MM X 1800MM, 2.77MM)	600	M	150MM PERFORATED SUBDRAIN PIPE	
	38.4	M				
		MM BIT COAT CS PIPE CULVERTS, TYPE B *MM THICK (1000MM, 2.01MM)	60	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	
	42	M				
		MM BIT COAT CS PIPE CULVERTS, TYPE B *MM THICK (1200MM, 2.01MM)	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	
	124.8	M				
		MM BIT COAT CS PIPE CULVERTS, TYPE B *MM THICK (1700MM, 2.77MM)	8	M	150MM OUTLET PIPE (SUBDRAINS)	
	147.6	M				
		MM BIT COAT CS PIPE CULVERTS, TYPE B *MM THICK (900MM, 2.01MM)	2,895	M	SHOULDER DRAIN	
	10.8	M				
		300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	2,895	M	100MM SHOULDER DRAIN PIPE	
	678	M				
		400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	265	M	100MM OUTLET PIPE (SHOULDER DRAINS)	
	220.8	M				
		450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	14	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	
	205.2	M				
		600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	15	MTN	BLOTTING SAND	
	81.6	M				
		800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	48.5	M3	ENDWALLS	
	4	EA				
		MM BIT COAT CS PIPE ELBOWS, TYPE B *MM THICK (1000MM, 2.01MM)	3.8	M3	REINFORCED ENDWALLS	
	2	EA				
		MM BIT COAT CS PIPE ELBOWS, TYPE B *MM THICK (1200MM, 2.01MM)	1.12	M3	PIPE COLLARS	
	48	EA				
		MM BIT COAT CS PIPE ELBOWS, TYPE B *MM THICK (400MM, 1.63MM)	0.16	M3	PIPE PLUGS	
	26	EA				
		MM BIT COAT CS PIPE ELBOWS, TYPE B *MM THICK (450MM, 1.63MM)	300	M3	FLOWABLE FILL	
			365	EA	MASONRY DRAINAGE STRUCTURES	
			2.65	M3	MASONRY DRAINAGE STRUCTURES	
			44.8	M	MASONRY DRAINAGE STRUCTURES	
			3	EA	FRAME WITH GRATE, STD 840.24	
			55	EA	FRAME WITH TWO GRATES, STD 840.16	
			165	EA	FRAME WITH TWO GRATES, STD 840.24	
			56	EA	FRAME WITH TWO GRATES, STD 840.29	
			3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	
			19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	
			31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	
			14	EA	FRAME WITH COVER, STD 840.54	

			16,000	HR	FLAGGER
			12	EA	TEMPORARY CRASH CUSHIONS
			8	EA	RESET TEMPORARY CRASH CUSHIONS
			2	EA	TMIA
			197	M	PORTABLE CONCRETE BARRIER
			72	M	PORTABLE CONCRETE BARRIER (ANCHORED)
			238	M	PORTABLE CONCRETE BARRIER (DRAINAGE)
			148	M	RESET PORTABLE CONCRETE BARRIER
			54	M	RESET PORTABLE CONCRETE BARRIER (ANCHORED)
			179	M	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
			100	HR	POLICE
			1,016	EA	TEMPORARY RAISED PAVEMENT MARKERS
			164,550	M	PAINT PAVEMENT MARKING LINES (100MM)
			1,126	M	PAINT PAVEMENT MARKING LINES (200MM)
			54	M	PAINT PAVEMENT MARKING LINES (300MM)
			147	M	PAINT PAVEMENT MARKING LINES (600MM)
			20	EA	PAINT PAVEMENT MARKING SYMBOL
			37,639	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (STANDARD GLASS BEADS)
			153	M	POLYUREA PAVEMENT MARKING LINES (200MM, *****) (STANDARD GLASS BEADS)
			194	M	POLYUREA PAVEMENT MARKING LINES (600MM, *****) (STANDARD GLASS BEADS)
			105	EA	POLYUREA PAVEMENT MARKING SYMBOL (***** (STANDARD GLASS BEADS)
			1,466	EA	SNOWBLOWABLE PAVEMENT MARKERS
			7	EA	2.1M U-CHANNEL POSTS
			208	M	200MM WATER LINE
			2	EA	200MM VALVE
			1	EA	FIRE HYDRANT
			1	EA	RELOCATE FIRE HYDRANT
			156	M	200MM SANITARY GRAVITY SEWER
			1	EA	SANITARY SEWER CLEAN-OUT
			3	EA	1200MM DIA UTILITY MANHOLE
			5.8	M	UTILITY MANHOLE WALL, 1200MM DIA
			25,000	M	TEMPORARY SILT FENCE
			7,800	MTN	STONE FOR EROSION CONTROL, CLASS A
			27,450	MTN	STONE FOR EROSION CONTROL, CLASS B
			19,750	MTN	SEDIMENT CONTROL STONE
			95	HA	TEMPORARY MULCHING
			3,375	KG	SEED FOR TEMPORARY SEEDING
			27	MTN	FERTILIZER FOR TEMPORARY SEEDING
			450	M	TEMPORARY SLOPE DRAINS
			45	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			15,000	M	SAFETY FENCE
			73,875	M3	SILT EXCAVATION
			48,425	M2	MATTING FOR EROSION CONTROL
			935	M2	COIR FIBER MAT
			14,550	M2	PERMANENT SOIL REINFORCEMENT MAT
			2,750	M	6.4MM HARDWARE CLOTH
			15	M	***MM TEMPORARY PIPE (400MM)
			45	M	***MM TEMPORARY PIPE (450MM)
			820	M3	STILLING BASINS
			14	EA	SPECIAL STILLING BASINS
			36	M	WATTLE
			60	KG	POLYACRYLAMIDE (PAM)
			3,455	M	COIR FIBER BAFFLES
			2	EA	***MM SKIMMER (102MM)
			125	EA	***MM SKIMMER (38MM)
			24	EA	***MM SKIMMER (51MM)
			19	EA	***MM SKIMMER (64MM)
			9	EA	***MM SKIMMER (76MM)
			151	HA	SEEDING & MULCHING
			50	HA	MOWING
			825	KG	SEED FOR REPAIR SEEDING
			3.75	MTN	FERTILIZER FOR REPAIR SEEDING
			2,250	KG	SEED FOR SUPPLEMENTAL SEEDING
2,675	M	***MM CONCRETE CURB & GUTTER (825MM)			
9,250	M	450MM CONCRETE CURB & GUTTER			
1,685	M	SHOULDER BERM GUTTER			
1	EA	MODIFIED CONCRETE FLUME			
23	M	CONCRETE EXPRESSWAY GUTTER			
141	M2	100MM CONCRETE PAVED DITCH			
5,100	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
685	M	CONCRETE BARRIER, TYPE ***** (IV)			
340	M	CONCRETE BARRIER, TYPE ***** (T)			
665	M	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (III)			
2	EA	ADJUSTMENT OF MANHOLES			
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
8,366.76	M	STEEL BM GUARDRAIL			
1,104.9	M	STEEL BM GUARDRAIL, SHOP CURVED			
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
15	EA	ADDITIONAL GUARDRAIL POSTS			
14	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
39	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
65	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			
6	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
2,615	M	REMOVE EXISTING GUARDRAIL			
99.06	M	TEMPORARY STEEL BM GUARDRAIL			
28.575	M	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TYPE B-77)			
18	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
22,100	M	WOVEN WIRE FENCE, 1200MM FABRIC			
4,440	EA	100MM TIMBER FENCE POSTS, 2.30M LONG			
1,400	EA	125MM TIMBER FENCE POSTS, 2.50M LONG			
380	M	CHAIN LINK FENCE, 1200MM FABRIC			
104	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE			
5	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE			
1	EA	DOUBLE GATES, ***** HIGH, ***** WIDE, ***** OPENING (1200MM, 1220MM, 2440MM)			
2,670	M	RELAPPING GUARDRAIL			
2,110	MTN	RIP RAP, CLASS I			
450	MTN	RIP RAP, CLASS A			
955	MTN	RIP RAP, CLASS B			
4,480	MTN	BOULDERS			
14,680	M2	FILTER FABRIC FOR DRAINAGE			
19	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
2	EA	GENERIC EROSION CONTROL ITEM ENERGY DISSIPATOR			
1,313	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE D			
269	EA	SIGN ERECTION, TYPE E			
5	EA	SIGN ERECTION, TYPE F			
9	EA	SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (D)			
1	EA	SIGN ERECTION, RELOCATE, TYPE ***** (GROUND MOUNTED) (E)			
97	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
146	M2	WORK ZONE SIGNS (STATIONARY)			
86	M2	WORK ZONE SIGNS (PORTABLE)			
65	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
8	EA	CHANGEABLE MESSAGE SIGN			
880	EA	DRUMS			
366	EA	CONES			
656	M	BARRICADES (TYPE III)			

				255	MTN	FERTILIZER TOPDRESSING
			1,010	M	IMPERVIOUS DIKE	
			73.5	HR	SPECIALIZED HAND MOWING	
			540	M3	CULVERT DIVERSION CHANNEL	
			1	HA	REFORESTATION	
			2.63	HA	STREAMBANK REFORESTATION	
Lump Sum		LS			GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION	
Lump Sum		LS			GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGA- TION	
Lump Sum		LS			GENERIC EROSION CONTROL ITEM GRADING FOR MITIGATION	
			120	M	GENERIC EROSION CONTROL ITEM TEMPORARY PIPE FOR STREAM CROSSING	
			205	M	SIGNAL CABLE	
			1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	
			105	M	UNPAVED TRENCHING (***** (2, 2")	
			3	EA	JUNCTION BOX (STANDARD SIZE)	
			1	EA	25MM RISER WITH WEATHERHEAD	
			2	EA	50MM RISER WITH WEATHERHEAD	
			115	M	INDUCTIVE LOOP SAWCUT	
			545	M	LEAD-IN CABLE (***** (18-2)	
			1	EA	SIGN FOR SIGNALS	
			1	EA	SIGNAL CABINET FOUNDATION	
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
			7	EA	DETECTOR CARD (TYPE 2070L)	
			1	EA	CABINET BASE EXTENDER	
					***** BEGIN SCHEDULE AA ***** (3 ALTERNATES) *****	
5,176.8	M				375MM RC PIPE CULVERTS, CLASS III	
1,761.8	M				450MM RC PIPE CULVERTS, CLASS III	
1,568.4	M				600MM RC PIPE CULVERTS, CLASS III	
825.6	M				750MM RC PIPE CULVERTS, CLASS III	
331.2	M				900MM RC PIPE CULVERTS, CLASS III	
					*** OR ***	
3,088.8	M				375MM RC PIPE CULVERTS, CLASS III	
589.2	M				450MM RC PIPE CULVERTS, CLASS III	
896.4	M				600MM RC PIPE CULVERTS, CLASS III	
559.2	M				750MM RC PIPE CULVERTS, CLASS III	
186	M				900MM RC PIPE CULVERTS, CLASS III	
2,088	M				***** HDPE PIPE CULVERTS (375MM)	
1,172.6	M				***** HDPE PIPE CULVERTS (450MM)	
672	M				***** HDPE PIPE CULVERTS (600MM)	
266.4	M				***** HDPE PIPE CULVERTS (750MM)	
145.2	M				***** HDPE PIPE CULVERTS (900MM)	
					*** OR ***	
3,088.8	M				375MM RC PIPE CULVERTS, CLASS III	
589.2	M				450MM RC PIPE CULVERTS, CLASS III	
896.4	M				600MM RC PIPE CULVERTS, CLASS III	
559.2	M				750MM RC PIPE CULVERTS, CLASS III	
186	M				900MM RC PIPE CULVERTS, CLASS III	
2,088	M				***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (375MM, 1.63MM)	
1,172.6	M				***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (450MM, 1.63MM)	

				672	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (600MM, 1.63MM)
				266.4	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (750MM, 2.01MM)
				145.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (900MM, 2.01MM)
						*** END SCHEDULE AA *** ***** BEGIN SCHEDULE AB ***** (2 ALTERNATES) *****
				3,723,800	M3	UNCLASSIFIED EXCAVATION
				48,300	MTN	AGGREGATE BASE COURSE
				37,000	M3	SHOULDER BORROW
				35,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
				4,865	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
						*** OR ***
				3,711,300	M3	UNCLASSIFIED EXCAVATION
				8,500	MTN	AGGREGATE BASE COURSE
				30,200	M3	SHOULDER BORROW
				53,200	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
				5,630	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
						*** END SCHEDULE AB ***

CULVERT ITEMS

Lump Sum		LS				REMOVAL OF EXISTING STRUCTURE AT STATION ***** (109+35.310 -L-)
Lump Sum		LS				REMOVAL OF EXISTING STRUCTURE AT STATION ***** (81+55.180 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (10+26.580 -Y11-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (109+35.310 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (19+72.600 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (21+37.796 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (31+48.170 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (33+79.340 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (37+94.390 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (45+37.750 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (55+43.020 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (70+03.790 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (77+90.740 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (81+55.180 -L-)
Lump Sum		LS				CULVERT EXCAVATION, STA ***** (82+70.000 -L-)
				2,311	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
				3,470.9	M3	CLASS A CONCRETE (CULVERT)
				326,347	KG	REINFORCING STEEL (CULVERT)
				154	MTN	GENERIC CULVERT ITEM RIP RAP, CLASS B

WALL ITEMS

				39.25	M2	GRAVITY RETAINING WALLS
				2,561	M2	MSE RETAINING WALL
				118.32	M2	PILE PANEL RETAINING WALLS

STRUCTURE ITEMS

Lump Sum		LS				CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+30.000 -Y2-)
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Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+30.000 -Y2-)
748	M3	UNCLASSIFIED STRUCTURE EXCAVA- TION
29.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+30.000 -Y2-)
2,796	KG	REINFORCING STEEL (BRIDGE)
80	M	HP310X79 STEEL PILES
59.416	M	VERTICAL CONCRETE BARRIER RAIL
214	MTN	RIP RAP CLASS II (600MM THICK)
218	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
267.372	M	914MM X 991MM PRESTRESSED CONC BOX BEAMS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080715 002

CONTRACT ID : C202007 34445.4.2

DIV OFFICE ASHEVILLE

LENGTH = 11.119 KM

COUNTY : YANCEY

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 15 2012

US-19 FROM 0.8 KM EAST OF YANCEY COUNTY LINE TO SR-1336 (JACK'S CREEK ROAD).

ROADWAY ITEMS							
				2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (1700MM, 3.51MM)	
Lump Sum	LS	MOBILIZATION		2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (2300MM, 3.51MM)	
Lump Sum	LS	CONSTRUCTION SURVEYING		1	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (900MM, 2.01MM)	
Lump Sum	LS	CLEARING & GRUBBING .. HECTACRE(S)		40	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
1.2	HA	SUPPLEMENTARY CLEARING & GRUBBING		6	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
2	EA	SEALING ABANDONED WELLS		2	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (175+50)		9.6	M	**** X ****MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ****MM THICK (1425MM X 950MM, 2.77MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (191+92)		15.6	M	**** X ****MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ****MM THICK (1780MM X 1360MM, 2.77MM)	
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (223+56)		13.2	M	**** X ****MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ****MM THICK (1830MM X 1120MM, 2.77MM)	
1,000	M3	UNDERCUT EXCAVATION		24	M	**** X ****MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ****MM THICK (2080MM X 1530MM, 2.77MM)	
2,400	MTN	CLASS IV SUBGRADE STABILIZATION		27.6	M	**** X ****MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ****MM THICK (2410MM X 1700MM, 2.77MM)	
13,487	M3	DRAINAGE DITCH EXCAVATION		12	M	**** X ****MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ****MM THICK (2500MM X 1830MM, 2.77MM)	
1,412	M	BERM DITCH CONSTRUCTION		1	EA	GENERIC PIPE ITEM 1425MM X 950MM BCCS PIPE ARCH ELBOW, 10 DEGREE HORIZONTAL, 2.77MM THICK	
34,500	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT		1	EA	GENERIC PIPE ITEM 1780MM X 1360MM BCCS PIPE ARCH ELBOW, 3 DEGREE VERTICAL, 2.77MM THICK	
2,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT		1	EA	GENERIC PIPE ITEM 1830MM X 1120MM BCCS PIPE ARCH ELBOW, 1 DEGREE VERTICAL, 2.77MM THICK	
43	HR	PROOF ROLLING		2	EA	GENERIC PIPE ITEM 2080MM X 1530MM BCCS PIPE ARCH ELBOW, 2 DEGREE VERTICAL, 2.77MM THICK	
1,000	M3	SELECT GRANULAR MATERIAL		1	EA	GENERIC PIPE ITEM 2410MM X 1700MM BCCS PIPE ARCH ELBOW, 4 DEGREE HORIZONTAL, 2.77MM THICK	
1,000	M2	FABRIC FOR SOIL STABILIZATION					
285	M2	TEMPORARY SHORING					
195	M2	GENERIC GRADING ITEM ROCK PLATING					
2,680	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS					
51.6	M	375MM SIDE DRAIN PIPE					
49.2	M	450MM SIDE DRAIN PIPE					
563.6	M	600MM RC PIPE CULVERTS, CLASS III					
138	M	750MM RC PIPE CULVERTS, CLASS III					
363.6	M	900MM RC PIPE CULVERTS, CLASS III					
46.8	M	1050MM RC PIPE CULVERTS, CLASS III					
16.8	M	1200MM RC PIPE CULVERTS, CLASS III					
21.6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK, (75 X 25MM CORRUGATIONS) (1700MM, 2.77MM)					
25.2	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK, (75 X 25MM CORRUGATIONS) (1700MM, 3.51MM)					
86.4	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK, (75 X 25MM CORRUGATIONS) (2300MM, 3.51MM)					
583.2	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK		1,686	M	PIPE REMOVAL	
138	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK		Lump Sum	LS	FINE GRADING	
82.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK		41,120	M2	LIME TREATED SOIL (SLURRY METHOD)	
91.2	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK		470	MTN	LIME FOR LIME TREATED SOIL	
64.8	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK		245	MTN	#57 STONE	
2.4	M	1000MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK		800	MTN	STABILIZER AGGREGATE	
34.8	M	1200MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK		95,940	M2	SOIL CEMENT BASE (180MM)	
16.8	M	1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK		2,910	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	
2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (1200MM, 2.77MM)		1,330	MTN	AGGREGATE FOR SOIL CEMENT BASE	
				93,210	L	ASPHALT CURING SEAL	
				250	MTN	INCIDENTAL STONE BASE	
				2,600	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
				1,300	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
				49,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	

			2	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE
			356.1	MTN	RIP RAP, CLASS I
			425	MTN	RIP RAP, CLASS II
			160	MTN	RIP RAP, CLASS A
			1,338.1	MTN	RIP RAP, CLASS B
			888	MTN	BOULDERS
			10,614.6	M2	FILTER FABRIC FOR DRAINAGE
			7	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			1,701	M	SUPPORTS, 4.5-KG STEEL U-CHANNEL
			2	EA	SIGN ERECTION, TYPE D
			353	EA	SIGN ERECTION, TYPE E
			11	EA	SIGN ERECTION, TYPE F
			8	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
			118	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			70	M2	WORK ZONE SIGNS (STATIONARY)
			73	M2	WORK ZONE SIGNS (PORTABLE)
			70	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			7	EA	CHANGEABLE MESSAGE SIGN
			1,500	EA	DRUMS
			549	M	BARRICADES (TYPE III)
			16,000	HR	FLAGGER
			10	EA	TEMPORARY CRASH CUSHIONS
			2	EA	RESET TEMPORARY CRASH CUSHIONS
			2	EA	TMIA
			470	M	PORTABLE CONCRETE BARRIER
			124	M	PORTABLE CONCRETE BARRIER (ANCHORED)
			470	M	PORTABLE CONCRETE BARRIER (DRAINAGE)
			88	M	RESET PORTABLE CONCRETE BARRIER
			88	M	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
			100	HR	POLICE
			1,000	EA	TEMPORARY RAISED PAVEMENT MARKERS
			188,974	M	PAINT PAVEMENT MARKING LINES (100MM)
			126	M	PAINT PAVEMENT MARKING LINES (200MM)
			508	M	PAINT PAVEMENT MARKING LINES (600MM)
			295	EA	PAINT PAVEMENT MARKING SYMBOL
			36,366	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (STANDARD GLASS BEADS)
			254	M	POLYUREA PAVEMENT MARKING LINES (600MM, *****) (STANDARD GLASS BEADS)
			295	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****)
					(STANDARD GLASS BEADS)
			7,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
			63	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
			1,526	EA	SNOWPLOWABLE PAVEMENT MARKERS
			11,300	M	TEMPORARY SILT FENCE
			6,200	MTN	STONE FOR EROSION CONTROL, CLASS A
			11,200	MTN	STONE FOR EROSION CONTROL, CLASS B
			11,000	MTN	SEDIMENT CONTROL STONE
			61	HA	TEMPORARY MULCHING
			3,350	KG	SEED FOR TEMPORARY SEEDING
			18	MTN	FERTILIZER FOR TEMPORARY SEEDING
			500	M	TEMPORARY SLOPE DRAINS
			26	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			16,000	M	SAFETY FENCE
			56,110	M3	SILT EXCAVATION
			49,200	M2	MATTING FOR EROSION CONTROL
			3,055	M2	COIR FIBER MAT
			17,650	M2	PERMANENT SOIL REINFORCEMENT MAT
			1,825	M	6.4MM HARDWARE CLOTH
			55	M	***MM TEMPORARY PIPE (450MM)
			100	M	TEMPORARY PIPE FOR STREAM CROSSING
			800	M3	STILLING BASINS
			30	EA	SPECIAL STILLING BASINS
			1,025	M	WATTLE
			1,000	KG	POLYACRYLAMIDE (PAM)
3,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
45,200	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
2,712	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
1,390	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR			
146	EA	RIGHT OF WAY MARKERS			
165.6	M3	SUBDRAIN EXCAVATION			
82.8	M3	SUBDRAIN FINE AGGREGATE			
200	M	150MM PERFORATED SUBDRAIN PIPE			
21	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS			
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
4	M	150MM OUTLET PIPE (SUBDRAINS)			
20	MTN	BLOTTING SAND			
27	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
3.7	M3	ENDWALLS			
66.24	M3	REINFORCED ENDWALLS			
1.61	M3	PIPE COLLARS			
37.92	M3	FLOWABLE FILL			
304	EA	MASONRY DRAINAGE STRUCTURES			
26.81	M	MASONRY DRAINAGE STRUCTURES			
105	EA	FRAME WITH TWO GRATES, STD 840.16			
84	EA	FRAME WITH TWO GRATES, STD 840.24			
57	EA	FRAME WITH TWO GRATES, STD 840.29			
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
5	EA	FRAME WITH COVER, STD 840.54			
2	EA	***MM SLUICE GATE (800MM)			
Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS SPILL RETENTION BASIN			
2,400	M	***MM CONCRETE CURB & GUTTER (825MM)			
6,200	M	450MM CONCRETE CURB & GUTTER			
460	M	750MM CONCRETE CURB & GUTTER			
1,500	M	SHOULDER BERM GUTTER			
1,900	M	CONCRETE EXPRESSWAY GUTTER			
12	M2	150MM CONCRETE DRIVEWAY			
112	M2	100MM CONCRETE PAVED DITCH			
8,500	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
15.2	M	GENERIC PAVING ITEM EMERGENCY VEHICLE ACCESS			
8	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX			
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
5,006.34	M	STEEL BM GUARDRAIL			
243.84	M	STEEL BM GUARDRAIL, SHOP CURVED			
10	EA	ADDITIONAL GUARDRAIL POSTS			
7	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
7	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
78	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
11	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
4,258	M	REMOVE EXISTING GUARDRAIL			
100	M	TEMPORARY STEEL BM GUARDRAIL			
7,800	M	WOVEN WIRE FENCE, 1200MM FABRIC			
1,520	EA	100MM TIMBER FENCE POSTS, 2.30M LONG			
568	EA	125MM TIMBER FENCE POSTS, 2.50M LONG			
80	M	CHAIN LINK FENCE, 1200MM FABRIC			
22	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE			

3,825	M	COIR FIBER BAFFLES
1	EA	***MM SKIMMER (102MM)
2	EA	***MM SKIMMER (127MM)
83	EA	***MM SKIMMER (38MM)
37	EA	***MM SKIMMER (51MM)
22	EA	***MM SKIMMER (64MM)
5	EA	***MM SKIMMER (76MM)
80	HA	SEEDING & MULCHING
46.5	HA	MOWING
1,000	KG	SEED FOR REPAIR SEEDING
3.5	MTN	FERTILIZER FOR REPAIR SEEDING
2,075	KG	SEED FOR SUPPLEMENTAL SEEDING
124.25	MTN	FERTILIZER TOPDRESSING
410	M	IMPERVIOUS DIKE
37	HR	SPECIALIZED HAND MOWING
5	EA	ROOTWADS
170	M3	CULVERT DIVERSION CHANNEL
1	HA	REFORESTATION
2.95	HA	STREAMBANK REFORESTATION
Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION
Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGATION
Lump Sum	LS	GENERIC EROSION CONTROL ITEM GRADING FOR MITIGATION
605	M	SIGNAL CABLE
20	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
328	M	MESSENGER CABLE (9.52MM)
5	M	PAVED TRENCHING (*****)(2, 2")
472	M	UNPAVED TRENCHING (*****)(2, 2")
10	EA	JUNCTION BOX (STANDARD SIZE)
9	EA	WOOD POLE
16	EA	GUY ASSEMBLY
3	EA	25MM RISER WITH WEATHERHEAD
8	EA	50MM RISER WITH WEATHERHEAD
590	M	INDUCTIVE LOOP SAWCUT
1,055	M	LEAD-IN CABLE (*****)(14-2)
1	EA	MICROWAVE VEHICLE DETECTOR
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
13	EA	DETECTOR CARD (TYPE 2070L)
2	EA	CABINET BASE EXTENDER
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
4,430.4	M	375MM RC PIPE CULVERTS, CLASS III
1,530	M	450MM RC PIPE CULVERTS, CLASS III
*** OR ***		
4,124.4	M	375MM RC PIPE CULVERTS, CLASS III
982.8	M	450MM RC PIPE CULVERTS, CLASS III
306	M	*****MM HDPE PIPE CULVERTS (375MM)
547.2	M	*****MM HDPE PIPE CULVERTS (450MM)
*** OR ***		
4,124.4	M	375MM RC PIPE CULVERTS, CLASS III
982.8	M	450MM RC PIPE CULVERTS, CLASS III
306	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (375MM, 1.63MM)
547.2	M	*****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, *****MM THICK (450MM, 1.63MM)
*** END SCHEDULE AA *** ***** BEGIN SCHEDULE AB ***** ***** (2 ALTERNATES) *****		
910,000	M3	UNCLASSIFIED EXCAVATION

71,400	MTN	AGGREGATE BASE COURSE
14,800	M3	SHOULDER BORROW
16,800	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,420	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
*** OR ***		
903,000	M3	UNCLASSIFIED EXCAVATION
1,820	MTN	AGGREGATE BASE COURSE
11,700	M3	SHOULDER BORROW
49,200	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
4,805	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

*** END SCHEDULE AB ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (134+72.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (138+05.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (156+63.000-L-)
312	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
465.1	M3	CLASS A CONCRETE (CULVERT)
51,451	KG	REINFORCING STEEL (CULVERT)

WALL ITEMS

222	M2	MSE RETAINING WALL
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STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (191+92.500-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (223+53.200-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (175+52.267-L-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (223+53.200-L-)
60.1	M	1066MM DIA DRILLED PIERS IN SOIL
26	M	1066MM DIA DRILLED PIERS NOT IN SOIL
10	M	PERMANENT STEEL CASING FOR 1066MM DRILLED PIER
6	EA	SID INSPECTION
3	EA	SPT TESTING
6	EA	CROSSHOLE SONIC LOGGING
2,740	M3	UNCLASSIFIED STRUCTURE EXCAVATION
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (191+92.500-L-)
2,435.2	M2	REINFORCED CONCRETE DECK SLAB
3,350.8	M2	GROOVING BRIDGE FLOORS
94.9	M3	CLASS AA CONCRETE (BRIDGE)
374	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (175+52.267-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (175+52.267-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (191+92.500-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (223+53.200-L-)
43,818	KG	REINFORCING STEEL (BRIDGE)
1,945	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)
5,109	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,004.58	M	1143MM PRESTRESSED CONCRETE GIRDERS
623	M	HP310X79 STEEL PILES

146.4	M	PP ** X **** GALVANIZED STEEL PILES (762MM X 12.7MM)
18	EA	STEEL PILE POINTS
234.45	M	CONCRETE BARRIER RAIL
172.408	M	*** X ****MM CONCRETE PARAPET (483MM X 178MM)
743	M2	CLASS I, SURFACE PREPARATION
35	M2	CLASS II, SURFACE PREPARATION
10	M2	CLASS III, SURFACE PREPARATION
49	M3	LATEX MODIFIED CONC OVERLAY
1,535	M2	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
2,074	MTN	RIP RAP CLASS II (600MM THICK)
2,154	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
160.316	M	GENERIC STRUCTURE ITEM SPECIAL STEEL 2 BAR METAL RAIL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080715 003

CONTRACT ID : C202107 34445.4.1

DIV OFFICE ASHEVILLE

LENGTH = 21.745 KM

COUNTY : MADISON, YANCEY

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 15 2012

US-19 FROM I-26 IN MADISON COUNTY TO SR-1336 (JACK'S CREEK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	10.8	M	300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	FIELD OFFICE	1,261.2	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	CLEARING & GRUBBING .. HECTACRE(S)	358.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
2.8	HA	SUPPLEMENTARY CLEARING & GRUBBING	288	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
2	EA	SEALING ABANDONED WELLS			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (11+30.00-Y2-)	172.8	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (175+50)	212.4	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (191+92)	2.4	M	1000MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (223+56)	34.8	M	1200MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (223+56)	16.8	M	1400MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
26,000	M3	UNDERCUT EXCAVATION	4	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (1000MM, 2.01MM)
13,150	MTN	CLASS IV SUBGRADE STABILIZATION	2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (1200MM, 2.01MM)
22,847	M3	DRAINAGE DITCH EXCAVATION	2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (1200MM, 2.77MM)
2,002	M	BERM DITCH CONSTRUCTION	2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (1700MM, 3.51MM)
86,650	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (2300MM, 3.51MM)
2,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (800MM, 2.01MM)
87	HR	PROOF ROLLING	14	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ***MM THICK (900MM, 2.01MM)
3,000	M3	SELECT GRANULAR MATERIAL	88	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
6,000	M2	FABRIC FOR SOIL STABILIZATION	32	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
2,295	M2	TEMPORARY SHORING	24	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
195	M2	GENERIC GRADING ITEM ROCK PLATING	9.6	M	*** X ***MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (1425MM X 950MM, 2.77MM)
8,000	M2	GENERIC GRADING ITEM SEPARATION FABRIC FOR ROCK EMBANKMENT	15.6	M	*** X ***MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (1780MM X 1360MM, 2.77MM)
13,500	MTN	GENERIC GRADING ITEM CLASS VI MATERIAL FOR ROCK EMBANKMENT	13.2	M	*** X ***MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (1830MM X 1120MM, 2.77MM)
6,465	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	24	M	*** X ***MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (2080MM X 1530MM, 2.77MM)
182.4	M	375MM SIDE DRAIN PIPE	27.6	M	*** X ***MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (2410MM X 1700MM, 2.77MM)
78	M	450MM SIDE DRAIN PIPE	12	M	*** X ***MM BIT COAT CS PIPE ARCH CULVERTS, TYPE B ***** THICK (2500MM X 1830MM, 2.77MM)
46.8	M	1050MM RC PIPE CULVERTS, CLASS III	1	EA	GENERIC PIPE ITEM 1425MM X 950MM BCCS PIPE ARCH ELBOW, 10 DEGREE HORIZONTAL, 2.77MM THICK
129.6	M	1200MM RC PIPE CULVERTS, CLASS III	1	EA	GENERIC PIPE ITEM 1780MM X 1360MM BCCS PIPE ARCH ELBOW, 3 DEGREE VERTICAL, 2.77MM THICK
46.8	M	1350MM RC PIPE CULVERTS, CLASS III			
181.2	M	***MM RC PIPE CULVERTS, CLASS IV (750MM)			
115.2	M	***MM RC PIPE CULVERTS, CLASS IV (900MM)			
24	M	*** X ***MM CS PIPE ARCH CULVERTS, ***MM THICK (2620MM X 1800MM, 2.77MM)			
38.4	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ***MM THICK (1000MM, 2.01MM)			
42	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ***MM THICK (1200MM, 2.01MM)			
124.8	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ***MM THICK (1700MM, 2.77MM)			
21.6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ***MM THICK, (75 X 25MM CORRUGATIONS) (1700MM, 2.77MM)			
25.2	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ***MM THICK, (75 X 25MM CORRUGATIONS) (1700MM, 3.51MM)			

				19	EA	FRAME WITH COVER, STD 840.54	
				2	EA	***MM SLUICE GATE (800MM)	
				Lump Sum	LS	GENERIC DRAINAGE ITEM HAZARDOUS SPILL RETENTION BASIN	
				5,075	M	***MM CONCRETE CURB & GUTTER (825MM)	
				15,450	M	450MM CONCRETE CURB & GUTTER	
				460	M	750MM CONCRETE CURB & GUTTER	
				3,185	M	SHOULDER BERM GUTTER	
				1	EA	MODIFIED CONCRETE FLUME	
				1,923	M	CONCRETE EXPRESSWAY GUTTER	
				12	M2	150MM CONCRETE DRIVEWAY	
				253	M2	100MM CONCRETE PAVED DITCH	
				5,100	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	
				8,500	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)	
				685	M	CONCRETE BARRIER, TYPE ***** (IV)	
				340	M	CONCRETE BARRIER, TYPE ***** (T)	
				665	M	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (III)	
				15.2	M	GENERIC PAVING ITEM EMERGENCY VEHICLE ACCESS	
				2	EA	ADJUSTMENT OF MANHOLES	
				8	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	
				3	EA	IMPACT ATTENUATOR UNIT, TYPE 350	
				13,373.1	M	STEEL BM GUARDRAIL	
				1,348.74	M	STEEL BM GUARDRAIL, SHOP CURVED	
				2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	
				25	EA	ADDITIONAL GUARDRAIL POSTS	
				21	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	
				41	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	
				7	EA	GUARDRAIL ANCHOR UNITS, TYPE III	
				143	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	
				1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	
				17	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	
				6,873	M	REMOVE EXISTING GUARDRAIL	
				199.06	M	TEMPORARY STEEL BM GUARDRAIL	
				28.575	M	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)	
				1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (TYPE B-77)	
				18	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	
				29,900	M	WOVEN WIRE FENCE, 1200MM FABRIC	
				5,960	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	
				1,968	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	
				460	M	CHAIN LINK FENCE, 1200MM FABRIC	
				126	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE	
				7	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE	
				1	EA	DOUBLE GATES, ***MM HIGH, ***MM WIDE, ***MM OPENING (1200MM, 1220MM, 2440MM)	
				2,670	M	RELAPPING GUARDRAIL	
				2,466.1	MTN	RIP RAP, CLASS I	
				425	MTN	RIP RAP, CLASS II	
				610	MTN	RIP RAP, CLASS A	
				2,293.1	MTN	RIP RAP, CLASS B	
				5,368	MTN	BOULDERS	
				25,294.6	M2	FILTER FABRIC FOR DRAINAGE	
				26	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	
				2	EA	GENERIC EROSION CONTROL ITEM ENERGY DISSIPATOR	
				3,014	M	SUPPORTS, 4.5-KG STEEL U-CHANN EL	
				4	EA	SIGN ERECTION, TYPE D	
				622	EA	SIGN ERECTION, TYPE E	
				16	EA	SIGN ERECTION, TYPE F	
				17	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	
1	EA	GENERIC PIPE ITEM 1830MM X 1120MM BCCS PIPE ARCH ELBOW, 1 DEGREE VERTICAL, 2.77MM THICK					
2	EA	GENERIC PIPE ITEM 2080MM X 1530MM BCCS PIPE ARCH ELBOW, 2 DEGREE VERTICAL, 2.77MM THICK					
1	EA	GENERIC PIPE ITEM 2410MM X 1700MM BCCS PIPE ARCH ELBOW, 4 DEGREE HORIZONTAL, 2.77MM THICK					
3,283	M	PIPE REMOVAL					
Lump Sum	LS	FINE GRADING					
72,120	M2	LIME TREATED SOIL (SLURRY METHOD)					
815	MTN	LIME FOR LIME TREATED SOIL					
1,495	MTN	#57 STONE					
1,300	MTN	STABILIZER AGGREGATE					
168,265	M2	SOIL CEMENT BASE (180MM)					
5,080	MTN	PORTLAND CEMENT FOR SOIL CE- MENT BASE					
1,820	MTN	AGGREGATE FOR SOIL CEMENT BASE					
163,485	L	ASPHALT CURING SEAL					
500	MTN	INCIDENTAL STONE BASE					
16,000	L	PRIME COAT					
39,500	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (65MM)					
5,300	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B					
1,300	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B					
114,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C					
3,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B					
88,800	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C					
2,600	MTN	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A					
5,332	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22					
2,180	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR					
631	EA	RIGHT OF WAY MARKERS					
662.6	M3	SUBDRAIN EXCAVATION					
331.8	M3	SUBDRAIN FINE AGGREGATE					
800	M	150MM PERFORATED SUBDRAIN PIPE					
81	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS					
6	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET					
12	M	150MM OUTLET PIPE (SUBDRAINS)					
2,895	M	SHOULDER DRAIN					
2,895	M	100MM SHOULDER DRAIN PIPE					
265	M	100MM OUTLET PIPE (SHOULDER DRAINS)					
14	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET					
35	MTN	BLOTTING SAND					
27	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE					
52.2	M3	ENDWALLS					
70.04	M3	REINFORCED ENDWALLS					
2.73	M3	PIPE COLLARS					
0.16	M3	PIPE PLUGS					
337.92	M3	FLOWABLE FILL					
669	EA	MASONRY DRAINAGE STRUCTURES					
2.65	M3	MASONRY DRAINAGE STRUCTURES					
71.61	M	MASONRY DRAINAGE STRUCTURES					
3	EA	FRAME WITH GRATE, STD 840.24					
160	EA	FRAME WITH TWO GRATES, STD 840.16					
249	EA	FRAME WITH TWO GRATES, STD 840.24					
113	EA	FRAME WITH TWO GRATES, STD 840.29					
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)					
39	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)					
47	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)					

			100	M	***MM TEMPORARY PIPE (450MM)	
			220	M	TEMPORARY PIPE FOR STREAM CROSSING	
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	1,620	M3	STILLING BASINS	
			44	EA	SPECIAL STILLING BASINS	
215	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1,061	M	WATTLE	
216	M2	WORK ZONE SIGNS (STATIONARY)	1,060	KG	POLYACRYLAMIDE (PAM)	
159	M2	WORK ZONE SIGNS (PORTABLE)	7,280	M	COIR FIBER BAFFLES	
135	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	3	EA	***MM SKIMMER (102MM)	
4	EA	FLASHING ARROW PANELS, TYPE C	2	EA	***MM SKIMMER (127MM)	
15	EA	CHANGEABLE MESSAGE SIGN	208	EA	***MM SKIMMER (38MM)	
2,380	EA	DRUMS	61	EA	***MM SKIMMER (51MM)	
366	EA	CONES	41	EA	***MM SKIMMER (64MM)	
1,205	M	BARRICADES (TYPE III)	14	EA	***MM SKIMMER (76MM)	
32,000	HR	FLAGGER	231	HA	SEEDING & MULCHING	
22	EA	TEMPORARY CRASH CUSHIONS	96.5	HA	MOWING	
10	EA	RESET TEMPORARY CRASH CUSHIONS	1,825	KG	SEED FOR REPAIR SEEDING	
4	EA	TMA	7.25	MTN	FERTILIZER FOR REPAIR SEEDING	
667	M	PORTABLE CONCRETE BARRIER	4,325	KG	SEED FOR SUPPLEMENTAL SEEDING	
196	M	PORTABLE CONCRETE BARRIER (ANCHORED)	379.25	MTN	FERTILIZER TOPDRESSING	
708	M	PORTABLE CONCRETE BARRIER (DRAINAGE)	1,420	M	IMPERVIOUS DIKE	
236	M	RESET PORTABLE CONCRETE BARRIER	110.5	HR	SPECIALIZED HAND MOWING	
54	M	RESET PORTABLE CONCRETE BARRIER (ANCHORED)	5	EA	ROOTWADS	
267	M	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)	710	M3	CULVERT DIVERSION CHANNEL	
200	HR	POLICE	2	HA	REFORESTATION	
2,016	EA	TEMPORARY RAISED PAVEMENT MARKERS	5.58	HA	STREAMBANK REFORESTATION	
353,524	M	PAINT PAVEMENT MARKING LINES (100MM)	Lump Sum	LS	GENERIC EROSION CONTROL ITEM CONSTRUCTION SURVEYING FOR MITIGATION	
1,252	M	PAINT PAVEMENT MARKING LINES (200MM)	Lump Sum	LS	GENERIC EROSION CONTROL ITEM DIVERSION PUMPING FOR MITIGATION	
54	M	PAINT PAVEMENT MARKING LINES (300MM)	Lump Sum	LS	GENERIC EROSION CONTROL ITEM GRADING FOR MITIGATION	
655	M	PAINT PAVEMENT MARKING LINES (600MM)	810	M	SIGNAL CABLE	
315	EA	PAINT PAVEMENT MARKING SYMBOL	20	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
74,005	M	POLYUREA PAVEMENT MARKING LINES (100MM, *****) (STANDARD GLASS BEADS)	1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	
153	M	POLYUREA PAVEMENT MARKING LINES (200MM, *****) (STANDARD GLASS BEADS)	328	M	MESSENGER CABLE (9.52MM)	
448	M	POLYUREA PAVEMENT MARKING LINES (600MM, *****) (STANDARD GLASS BEADS)	5	M	PAVED TRENCHING (***** (2, 2"))	
400	EA	POLYUREA PAVEMENT MARKING SYMBOL (***** (STANDARD GLASS BEADS)	577	M	UNPAVED TRENCHING (***** (2, 2"))	
7,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	13	EA	JUNCTION BOX (STANDARD SIZE)	
63	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)	9	EA	WOOD POLE	
2,992	EA	SNOWPLOWABLE PAVEMENT MARKERS	16	EA	GUY ASSEMBLY	
7	EA	2.1M U-CHANNEL POSTS	4	EA	25MM RISER WITH WEATHERHEAD	
208	M	200MM WATER LINE	10	EA	50MM RISER WITH WEATHERHEAD	
2	EA	200MM VALVE	705	M	INDUCTIVE LOOP SAWCUT	
1	EA	FIRE HYDRANT	1,055	M	LEAD-IN CABLE (***** (14-2)	
1	EA	RELOCATE FIRE HYDRANT	545	M	LEAD-IN CABLE (***** (18-2)	
156	M	200MM SANITARY GRAVITY SEWER	1	EA	MICROWAVE VEHICLE DETECTOR	
1	EA	SANITARY SEWER CLEAN-OUT	1	EA	SIGN FOR SIGNALS	
3	EA	1200MM DIA UTILITY MANHOLE	3	EA	SIGNAL CABINET FOUNDATION	
5.8	M	UTILITY MANHOLE WALL, 1200MM DIA	3	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
36,300	M	TEMPORARY SILT FENCE	20	EA	DETECTOR CARD (TYPE 2070L)	
14,000	MTN	STONE FOR EROSION CONTROL, CLASS A	3	EA	CABINET BASE EXTENDER	
38,650	MTN	STONE FOR EROSION CONTROL, CLASS B				***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
30,750	MTN	SEDIMENT CONTROL STONE	9,607.2	M	375MM RC PIPE CULVERTS, CLASS III	
156	HA	TEMPORARY MULCHING	3,291.8	M	450MM RC PIPE CULVERTS, CLASS III	
6,725	KG	SEED FOR TEMPORARY SEEDING	2,132	M	600MM RC PIPE CULVERTS, CLASS III	
45	MTN	FERTILIZER FOR TEMPORARY SEEDING	963.6	M	750MM RC PIPE CULVERTS, CLASS III	
950	M	TEMPORARY SLOPE DRAINS	694.8	M	900MM RC PIPE CULVERTS, CLASS III	
71	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				*** OR ***
31,000	M	SAFETY FENCE	7,213.2	M	375MM RC PIPE CULVERTS, CLASS III	
129,985	M3	SILT EXCAVATION	1,572	M	450MM RC PIPE CULVERTS, CLASS III	
97,625	M2	MATting FOR EROSION CONTROL	1,460	M	600MM RC PIPE CULVERTS, CLASS III	
3,990	M2	COIR FIBER MAT	697.2	M	750MM RC PIPE CULVERTS, CLASS III	
32,200	M2	PERMANENT SOIL REINFORCEMENT MAT	549.6	M	900MM RC PIPE CULVERTS, CLASS III	
4,575	M	6.4MM HARDWARE CLOTH				
15	M	***MM TEMPORARY PIPE (400MM)				

2,394	M	***** HDPE PIPE CULVERTS (375MM)
1,719.8	M	***** HDPE PIPE CULVERTS (450MM)
672	M	***** HDPE PIPE CULVERTS (600MM)
266.4	M	***** HDPE PIPE CULVERTS (750MM)
145.2	M	***** HDPE PIPE CULVERTS (900MM)
*** OR ***		
7,213.2	M	375MM RC PIPE CULVERTS, CLASS III
1,572	M	450MM RC PIPE CULVERTS, CLASS III
1,460	M	600MM RC PIPE CULVERTS, CLASS III
697.2	M	750MM RC PIPE CULVERTS, CLASS III
549.6	M	900MM RC PIPE CULVERTS, CLASS III
2,394	M	***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (375MM, 1.63MM)
1,719.8	M	***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (450MM, 1.63MM)
672	M	***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (600MM, 1.63MM)
266.4	M	***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (750MM, 2.01MM)
145.2	M	***** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (900MM, 2.01MM)
*** END SCHEDULE AA ***		
***** BEGIN SCHEDULE AB ***** (2 ALTERNATES) *****		
4,633,800	M3	UNCLASSIFIED EXCAVATION
119,700	MTN	AGGREGATE BASE COURSE
51,800	M3	SHOULDER BORROW
52,200	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
8,285	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
*** OR ***		
4,614,300	M3	UNCLASSIFIED EXCAVATION
10,320	MTN	AGGREGATE BASE COURSE
41,900	M3	SHOULDER BORROW
102,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
10,435	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

*** END SCHEDULE AB ***

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (109+35.310 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (81+55.180 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (10+26.580 -Y11-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (109+35.310 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (134+72.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (138+05.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (156+63.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (19+72.600 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (21+37.796 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+48.170 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (33+79.340 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (37+94.390 -L-)

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (45+37.750 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (55+43.020 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (70+03.790 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (77+90.740 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (81+55.180 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (82+70.000 -L-)
2,623	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
3,936	M3	CLASS A CONCRETE (CULVERT)
377,798	KG	REINFORCING STEEL (CULVERT)
154	MTN	GENERIC CULVERT ITEM RIP RAP, CLASS B

WALL ITEMS

39.25	M2	GRAVITY RETAINING WALLS
2,783	M2	MSE RETAINING WALL
118.32	M2	PILE PANEL RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+30.000 -Y2-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (191+92.500-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (223+53.200-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+30.000 -Y2-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (175+52.267-L-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (223+53.200-L-)
60.1	M	1066MM DIA DRILLED PIERS IN SOIL
26	M	1066MM DIA DRILLED PIERS NOT IN SOIL
10	M	PERMANENT STEEL CASING FOR 1066MM DRILLED PIER
6	EA	SID INSPECTION
3	EA	SPT TESTING
6	EA	CROSSHOLE SONIC LOGGING
3,488	M3	UNCLASSIFIED STRUCTURE EXCAVATION
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (191+92.500-L-)
2,435.2	M2	REINFORCED CONCRETE DECK SLAB
3,350.8	M2	GROOVING BRIDGE FLOORS
94.9	M3	CLASS AA CONCRETE (BRIDGE)
403.1	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (11+30.000 -Y2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (175+52.267-L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (175+52.267-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (191+92.500-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (223+53.200-L-)
46,614	KG	REINFORCING STEEL (BRIDGE)
1,945	KG	EPOXY COATED REINFORCING STEEL (BRIDGE)
5,109	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,004.58	M	1143MM PRESTRESSED CONCRETE GIRDERS
703	M	HP310X79 STEEL PILES

146.4	M	PP ** X **** GALVANIZED STEEL PILES (762MMX12.7MM)
18	EA	STEEL PILE POINTS
234.45	M	CONCRETE BARRIER RAIL
59.416	M	VERTICAL CONCRETE BARRIER RAIL
86.204	M	*** X ****MM CONCRETE PARAPET (483MMx178MM)
86.204	M	*** X ****MM CONCRETE PARAPET (483MMx178MM)
743	M2	CLASS I, SURFACE PREPARATION
35	M2	CLASS II, SURFACE PREPARATION
10	M2	CLASS III, SURFACE PREPARATION
49	M3	LATEX MODIFIED CONC OVERLAY
1,535	M2	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
2,288	MTN	RIP RAP CLASS II (600MM THICK)
2,372	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
267.372	M	914MM X 991MM PRESTRESSED CONC BOX BEAMS
160.316	M	GENERIC STRUCTURE ITEM SPECIAL STEEL 2 BAR METAL RAIL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080715 008

CONTRACT ID : C202109 39421

DIV OFFICE EDENTON

LENGTH = 10.200 MI

COUNTY : MARTIN

DRAINAGE, RESURFACING AND GUARDRAIL.

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : NOV 26 2008

NC-903 FROM PITT CO LINE TO ROBERSONVILLE CL SOUTH OF US-64A & FROM ROBERSONVILLE CL NORTH OF US-64A TO NC-125.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
70	CY	BORROW EXCAVATION
13	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
128	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.060")
36	LF	PIPE REMOVAL
957	TON	INCIDENTAL STONE BASE
20.4	SMI	SHOULDER RECONSTRUCTION
23,393	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
13,604	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,916	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
235	TON	PATCHING EXISTING PAVEMENT
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
650	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
150	LF	STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
110,926	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
71,670	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
182,596	LF	PAINT PAVEMENT MARKING LINES (4")
560	LF	PAINT PAVEMENT MARKING LINES (8")
100	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING CHARACTER
6	EA	PAINT PAVEMENT MARKING SYMBOL
711	EA	PERMANENT RAISED PAVEMENT MARKERS
500	LF	TEMPORARY SILT FENCE
40	TON	STONE FOR EROSION CONTROL, CLASS B
5	TON	SEDIMENT CONTROL STONE
60	LF	1/4" HARDWARE CLOTH
10	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 009

CONTRACT ID : C201732 33387.3.1

DIV OFFICE GREENVILLE

LENGTH = 0.222 MI

COUNTY : BEAUFORT, PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : NOV 01 2009

BRIDGE OVER TRANTER'S CREEK AND APPROACHES ON SR-1403 & SR-1567 IN WASHINGTON.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+00.53)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
3,300	CY	UNDERCUT EXCAVATION
5	EA	EMBANKMENT SETTLEMENT GAUGES
91	CY	DRAINAGE DITCH EXCAVATION
1,900	SY	FABRIC FOR SOIL STABILIZATION
300	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL
3,700	SY	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION
3,600	TON	GENERIC GRADING ITEM LIGHTWEIGHT AGGREGATE
18	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
36	LF	18" SIDE DRAIN PIPE
64	LF	15" RC PIPE CULVERTS, CLASS III
64	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
61	LF	PIPE REMOVAL
148	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
662	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
753	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
74	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH GRATE, STD 840.29
54	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
5	TON	RIP RAP, CLASS B
245	SY	FILTER FABRIC FOR DRAINAGE
13.6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
29	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
132	LF	SUPPORTS, WOOD
2	EA	SIGN ERECTION, TYPE D
5	EA	SIGN ERECTION, TYPE E
11	EA	DISPOSAL OF SIGN SYSTEM, WOOD
294	SF	WORK ZONE SIGNS (STATIONARY)
107	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
4,700	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
16	EA	PERMANENT RAISED PAVEMENT MARKERS
1,380	LF	TEMPORARY SILT FENCE

90	TON	STONE FOR EROSION CONTROL, CLASS A
160	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
90	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
365	CY	SILT EXCAVATION
225	SY	MATTING FOR EROSION CONTROL
150	SY	FLOATING TURBIDITY CURTAIN
115	LF	COIR FIBER BAFFLES
2.5	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
1.75	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
0.05	ACR	WETLAND REFORESTATION
0.14	ACR	GENERIC EROSION CONTROL ITEM DISKING
0.14	ACR	GENERIC EROSION CONTROL ITEM RIPPING

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (22+00.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+00.00-L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
2,150	CY	UNCLASSIFIED STRUCTURE EXCAVATION
170.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+00.00-L-)
27,607	LB	REINFORCING STEEL (BRIDGE)
925	LF	HP12X53 STEEL PILES
3,360	LF	PP ** X **** GALVANIZED STEEL PILES (24 X 0.5)
35	EA	PILE REDRIVES
862.63	LF	TWO BAR METAL RAIL
877.63	LF	1'-****X ***** CONCRETE PARAPET (1'-2" X 2'-11 1/4")
391	TON	RIP RAP CLASS II (2'-0" THICK)
457	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
5,691.56	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
28	EA	GENERIC STRUCTURE ITEM PREDRILLING OF PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 010

CONTRACT ID : C201848 33398.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.180 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING AND STRUCTURES

DBE GOAL 5.0% COMPLETION DATE : MAY 15 2009

BRIDGE OVER JINNY'S BRANCH AND APPROACHES ON NC-179.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+70.53)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
150	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
1,100	SF	TEMPORARY SHORING
45	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	15" SIDE DRAIN PIPE
40	LF	GENERIC PIPE ITEM 8" PVC PIPE
44	LF	PIPE REMOVAL
1	EA	PIPE CLEAN-OUT
25	TON	INCIDENTAL STONE BASE
315	SY	INCIDENTAL MILLING
3,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
715	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
183	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
100	TON	PATCHING EXISTING PAVEMENT
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
4	EA	MASONRY DRAINAGE STRUCTURES
2.4	LF	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
2	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	GENERIC DRAINAGE ITEM INFILTRATION BASIN
65	LF	SHOULDER BERM GUTTER
525	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,150	LF	REMOVE EXISTING GUARDRAIL
32	TON	RIP RAP, CLASS B
259	SY	FILTER FABRIC FOR DRAINAGE
670	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
23	EA	DRUMS
64	LF	BARRICADES (TYPE III)
60	MD	FLAGGER
1,298	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,298	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,208	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (3, PERMANENT WET REFLECTIVE)
22,852	LF	PAINT PAVEMENT MARKING LINES (4")
12	EA	PERMANENT RAISED PAVEMENT MARKERS
998	LF	12" WATER LINE
2	EA	12" VALVE

1	EA	RECONNECT WATER METER
1	EA	RELOCATE FIRE HYDRANT
890	LF	ABANDON 12" UTILITY PIPE
200	LF	TRENCHLESS INSTALLATION OF 12" IN SOIL
185	LF	TRENCHLESS INSTALLATION OF 12" NOT IN SOIL
1,440	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL, CLASS A
130	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
5.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
420	LF	SAFETY FENCE
400	CY	SILT EXCAVATION
370	SY	MATTING FOR EROSION CONTROL
450	SY	PERMANENT SOIL REINFORCEMENT MAT
60	LF	1/4" HARDWARE CLOTH
140	SY	FLOATING TURBIDITY CURTAIN
220	LF	COIR FIBER BAFFLES
5.5	ACR	SEEDING & MULCHING
3.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
4	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.298	ACR	GENERIC EROSION CONTROL ITEM DISKING
0.298	ACR	GENERIC EROSION CONTROL ITEM RIPPING
0.151	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
324	LF	15" RC PIPE CULVERTS, CLASS III
*** OR ***		
300	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	**** HDPE PIPE CULVERTS (15")
*** OR ***		
300	LF	15" RC PIPE CULVERTS, CLASS III
24	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+70.00-L)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
2,600	CY	UNCLASSIFIED STRUCTURE EXCAVATION
11,803	SF	CONCRETE WEARING SURFACE
12,554	SF	GROOVING BRIDGE FLOORS
105.8	CY	CLASS AA CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+70.00-L-)
16,982	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
440	LF	12" PRESTRESSED CONC PILES
800	LF	16" PRESTRESSED CONC PILES
20	EA	PILE REDRIVES
582.5	LF	TWO BAR METAL RAIL
597.5	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 3'-0")
424	TON	RIP RAP CLASS II (2'-0" THICK)
471	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
2,723	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
1,452.5	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 011

CONTRACT ID : C201847 36306.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.466 MI

COUNTY : NEW HANOVER

GRADING, DRAINAGE, PAVING & SIGNALS.

DBE GOAL 8.0% COMPLETION DATE : JUL 01 2009

SR-1411 (WRIGHTSVILLE AVE) FROM FOREST HILL DR TO SR-2313 (WILSHIRE BLVD).

ROADWAY ITEMS					
			245	LF	REMOVE EXISTING GUARDRAIL
			200	LF	CHAIN LINK FENCE, 48" FABRIC
			15	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
			4	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
			10	TON	RIP RAP, CLASS B
			425	SY	FILTER FABRIC FOR DRAINAGE
			1,262	SF	GENERIC WALL ITEM SOUND BARRIER WALL
			436	SF	WORK ZONE SIGNS (STATIONARY)
			852	SF	WORK ZONE SIGNS (PORTABLE)
			135	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			3	EA	FLASHING ARROW PANELS, TYPE C
			5	EA	CHANGEABLE MESSAGE SIGN
			250	EA	DRUMS
			25	EA	CONES
			216	LF	BARRICADES (TYPE III)
			1,800	HR	FLAGGER
			3	EA	TMIA
			300	HR	POLICE
			50	EA	SKINNY DRUM
			44	EA	TEMPORARY RAISED PAVEMENT MARKERS
			23,545	LF	PAINT PAVEMENT MARKING LINES (4")
			2,009	LF	PAINT PAVEMENT MARKING LINES (8")
			477	LF	PAINT PAVEMENT MARKING LINES (24")
			24	EA	PAINT PAVEMENT MARKING CHARACTER
			78	EA	PAINT PAVEMENT MARKING SYMBOL
			13,023	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
			1,909	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)
			877	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)
			24	EA	POLYUREA PAVEMENT MARKING CHARACTER (*****) (STANDARD GLASS BEADS)
			80	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)
			7,655	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			625	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			324	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
			43	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			30	EA	PERMANENT RAISED PAVEMENT MARKERS
			330	EA	SNOWFLOWABLE PAVEMENT MARKERS
			163.9	LF	2" WATER LINE
			195.7	LF	6" WATER LINE
			666.1	LF	8" WATER LINE
			178.5	LF	12" WATER LINE
			1,951.3	LF	16" WATER LINE
			3	EA	2" VALVE
			3	EA	6" VALVE
			4	EA	8" VALVE
			3	EA	12" VALVE
			10	EA	16" VALVE
			18	EA	RELOCATE WATER METER
			1	EA	FIRE HYDRANT
			8	EA	RELOCATE FIRE HYDRANT
			23	EA	4' DIA UTILITY MANHOLE
			39	LF	UTILITY MANHOLE WALL, 4' DIA
			264	LF	ABANDON 6" UTILITY PIPE
			1,745	LF	ABANDON 8" UTILITY PIPE
			1,052	LF	ABANDON 12" UTILITY PIPE
			952	LF	ABANDON 16" UTILITY PIPE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
100	CY	UNDERCUT EXCAVATION			
100	CY	SELECT GRANULAR MATERIAL			
100	SY	FABRIC FOR SOIL STABILIZATION			
525	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
1,944	LF	15" RC PIPE CULVERTS, CLASS III			
168	LF	18" RC PIPE CULVERTS, CLASS III			
84	LF	24" RC PIPE CULVERTS, CLASS III			
12	LF	30" RC PIPE CULVERTS, CLASS III			
252	LF	PIPE REMOVAL			
250	TON	INCIDENTAL STONE BASE			
1,590	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
1,290	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
4,470	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
400	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
22.4	CY	SUBDRAIN EXCAVATION			
16.8	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)			
24	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE			
0.798	CY	PIPE COLLARS			
10	CY	FLOWABLE FILL			
39	EA	MASONRY DRAINAGE STRUCTURES			
9.74	LF	MASONRY DRAINAGE STRUCTURES			
9	EA	FRAME WITH TWO GRATES, STD 840.16			
1	EA	FRAME WITH TWO GRATES, STD 840.24			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
2	EA	FRAME WITH COVER, STD 840.54			
3,710	LF	2'-6" CONCRETE CURB & GUTTER			
2,630	SY	4" CONCRETE SIDEWALK			
22	EA	CONCRETE WHEELCHAIR RAMPS			
470	SY	6" CONCRETE DRIVEWAY			
1,190	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
1	EA	ADJUSTMENT OF CATCH BASINS			
9	EA	ADJUSTMENT OF MANHOLES			
200	LF	STEEL BM GUARDRAIL			
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED			
5	EA	ADDITIONAL GUARDRAIL POSTS			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			

13	EA	ABANDON UTILITY MANHOLE	1	EA	FURNISH OPTICAL LIGHT GENERATOR
284.6	LF	18" ENCASEMENT PIPE	2	EA	900MHZ WIRELESS RADIO SYSTEM
91.2	LF	24" ENCASEMENT PIPE	3	EA	METAL POLE WITH SINGLE MAST ARM
256.2	LF	30" ENCASEMENT PIPE	2	EA	METAL POLE WITH DUAL MAST ARM
142.3	LF	TRENCHLESS INSTALLATION OF 18" IN SOIL	6	EA	SOIL TEST
142.3	LF	TRENCHLESS INSTALLATION OF 18" NOT IN SOIL	46	CY	DRILLED PIER FOUNDATION
45.6	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL	2	EA	SIGNAL PEDESTAL WITH FOUNDATION
45.6	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL	5	EA	MAST ARM WITH METAL POLE DESIGN
128.1	LF	TRENCHLESS INSTALLATION OF 30" IN SOIL	3	EA	SIGN FOR SIGNALS
128.1	LF	TRENCHLESS INSTALLATION OF 30" NOT IN SOIL	2	EA	SIGNAL CABINET FOUNDATION
10	EA	GENERIC UTILITY ITEM RELOCATE SANITARY SEWER CLEANOUT	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
369	LF	GENERIC UTILITY ITEM 16" PVC WATER PIPE (C905), DR18	24	EA	DETECTOR CARD (TYPE 2070L)
1,132.7	LF	GENERIC UTILITY ITEM 8" DI SEWER PIPE, PC 350	2	EA	CABINET BASE EXTENDER
1,013	LF	GENERIC UTILITY ITEM 8" PVC GRAVITY SEWER PIPE, (C900), DR 18	7	EA	METAL POLE FOUNDATION REMOVAL
2,150	LF	TEMPORARY SILT FENCE	6	EA	METAL POLE REMOVAL
125	TON	STONE FOR EROSION CONTROL, CLASS A	2	EA	GENERIC SIGNAL ITEM ANTENNA TRANSFER
110	TON	STONE FOR EROSION CONTROL, CLASS B	2	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO LIGHTNING ARRESTOR
300	TON	SEDIMENT CONTROL STONE	1	EA	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM
0.5	ACR	TEMPORARY MULCHING	2	EA	GENERIC SIGNAL ITEM POWER COAT FOR DUAL MAST ARM W/ METAL POLE
50	LB	SEED FOR TEMPORARY SEEDING	3	EA	GENERIC SIGNAL ITEM POWER COAT FOR SINGLE MAST ARM W/ METAL POLE
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING	1	EA	GENERIC SIGNAL ITEM RELOCATE EXISTING METAL POLE
2,650	CY	SILT EXCAVATION			
475	SY	MATTING FOR EROSION CONTROL			
10	SY	COIR FIBER MAT			
1,325	LF	1/4" HARDWARE CLOTH			
60	LF	COIR FIBER BAFFLES			
0.5	ACR	SEEDING & MULCHING			
0.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.25	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			
4	EA	PEDESTRIAN SIGNAL HEAD (***, ** SECTION) (16", 1 SECT WITH COUNTDOWN)			
6,480	LF	SIGNAL CABLE			
42	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
9	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
1,280	LF	MESSENGER CABLE (1/4")			
1,160	LF	MESSENGER CABLE (3/8")			
455	LF	TRACER WIRE			
1,910	LF	UNPAVED TRENCHING (*****) (1, 2")			
455	LF	DIRECTIONAL DRILL (*****) (1, 2")			
860	LF	DIRECTIONAL DRILL (*****) (2, 2")			
22	EA	JUNCTION BOX (STANDARD SIZE)			
8	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
8	EA	WOOD POLE			
20	EA	GUY ASSEMBLY			
3	EA	2" RISER WITH HEAT SHRINK TUBING			
3,525	LF	INDUCTIVE LOOP SAWCUT			
5,045	LF	LEAD-IN CABLE (*****) (14-2)			
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			
1,610	LF	COMMUNICATIONS CABLE (**FIBER) (24)			
8	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORATION KIT			
1	EA	FURNISH FIBER-OPTIC POWER ME- TER			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080715 012

CONTRACT ID : C202080 3CR.10651.57

DIV OFFICE WILMINGTON

LENGTH = 2.950 MI

COUNTY : NEW HANOVER

MILLING AND RESURFACING.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : MAY 15 2009

US-76 (OLEANDER DR) FROM WEST OF 17TH ST TO PINE GROVE DR.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
90	SY	GENERIC GRADING ITEM REMOVAL OF CONCRETE ISLAND
51,216	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,338	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (3" TO 4-1/2")
2,300	SY	INCIDENTAL MILLING
9,557	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
574	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
15	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
219	TON	GENERIC PAVING ITEM PATCHING EXIST PAVEMENT (FULL DEPTH)
700	TON	GENERIC PAVING ITEM PATCHING EXIST PAVEMENT (MILL)
84	LF	GENERIC DRAINAGE ITEM CURB & GUTTER REMOVE AND REPLACE
150	SY	4" CONCRETE SIDEWALK
28	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
48	EA	CONCRETE WHEELCHAIR RAMPS
150	SY	6" CONCRETE DRIVEWAY
24	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
2	EA	GENERIC PAVING ITEM ADJUSTMENT OF CENTERLINE MONUMENT FRAMES AND COVERS
2	EA	GENERIC PAVING ITEM REMOVE & REPLACE WHEELCHAIR RAMPS
39	EA	ADJUSTMENT OF MANHOLES
19	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
28,153	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
345	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
844	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,216	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
301	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
28,411	LF	PAINT PAVEMENT MARKING LINES (4")
1,205	LF	PAINT PAVEMENT MARKING LINES (24")
154	EA	PAINT PAVEMENT MARKING SYMBOL
13	EA	PERMANENT RAISED PAVEMENT MARKERS
970	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
0.06	ACR	SEEDING & MULCHING
20	LF	MESSANGER CABLE (1/4")
55	LF	UNPAVED TRENCHING (*****) (1, 2")
39	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	GUY ASSEMBLY
4	EA	2" RISER WITH WEATHERHEAD
14,265	LF	INDUCTIVE LOOP SAWCUT
3,325	LF	LEAD-IN CABLE (*****) (18-4)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 013

CONTRACT ID : C201869 33485.3.1

DIV OFFICE WILSON

LENGTH = 0.154 MI

COUNTY : HALIFAX

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAY 01 2009

BRIDGE OVER LOOKING GLASS SWAMP AND APPROACHES NC-561.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+47.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
144	CY	DRAINAGE DITCH EXCAVATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
32	LF	15" RC PIPE CULVERTS, CLASS III
28	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
20	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
334	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
368	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
19	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
117	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
51	TON	RIP RAP, CLASS B
266	SY	FILTER FABRIC FOR DRAINAGE
14	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
287	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
112	LF	BARRICADES (TYPE III)
3,260	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
10	EA	PERMANENT RAISED PAVEMENT MARKERS
396	LF	8" WATER LINE
379	LF	ABANDON 8" UTILITY PIPE
150	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
100	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
1,170	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
180	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING

0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
250	LF	SAFETY FENCE
390	CY	SILT EXCAVATION
730	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
180	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 ***** (16+47.50 -L-)
1	EA	PDA TESTING
1	EA	PDA ASSISTANCE
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (16+47.50 -L-)
3,789	SF	REINFORCED CONCRETE DECK SLAB
3,884	SF	GROOVING BRIDGE FLOORS
46.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+47.50 -L-)
6,546	LB	REINFORCING STEEL (BRIDGE)
184,450	LS	APPROX LBS STRUCTURAL STEEL
1,200	LF	HP12X53 STEEL PILES
8	EA	PILE REDRIVES
210	LF	CONCRETE BARRIER RAIL
330	TON	RIP RAP CLASS II (2'-0" THICK)
370	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 014

CONTRACT ID : C201890 33247.3.1

DIV OFFICE DURHAM

LENGTH = 0.142 MI

COUNTY : WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER REEDY CREEK AND APPROACHES ON SR-1507.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	0.1	ACR	REFORESTATION
2,400	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+03.50)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
200	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
200	CY	SELECT GRANULAR MATERIAL			
200	SY	FABRIC FOR SOIL STABILIZATION			
5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
24	LF	15" RC PIPE CULVERTS, CLASS III			
50	TON	INCIDENTAL STONE BASE			
400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
350	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
10	EA	RIGHT OF WAY MARKERS			
1	EA	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
32	LF	SHOULDER BERM GUTTER			
562.5	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
30	TON	RIP RAP, CLASS B			
210	SY	FILTER FABRIC FOR DRAINAGE			
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
414	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
20	EA	DRUMS			
80	LF	BARRICADES (TYPE III)			
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
16	EA	PERMANENT RAISED PAVEMENT MARKERS			
820	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
235	TON	STONE FOR EROSION CONTROL, CLASS B			
65	TON	SEDIMENT CONTROL STONE			
1.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
200	LF	SAFETY FENCE			
585	CY	SILT EXCAVATION			
430	SY	MATting FOR EROSION CONTROL			
280	SY	PERMANENT SOIL REINFORCEMENT MAT			
20	LF	1/4" HARDWARE CLOTH			
180	LF	COIR FIBER BAFFLES			
1.5	ACR	SEEDING & MULCHING			
1	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
1.25	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+03.50-L-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (19+03.50-L-)			
52.2	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+03.50-L-)			
8,033	LB	REINFORCING STEEL (BRIDGE)			
210	LF	HP12X53 STEEL PILES			
320	LF	HP14X73 GALVANIZED STEEL PILES			
225.43	LF	CONCRETE BARRIER RAIL			
186	TON	RIP RAP CLASS II (2'-0" THICK)			
207	SY	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
1,237.04	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 015

CONTRACT ID : C201830 33638.3.1

DIV OFFICE DURHAM

LENGTH = 0.189 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER POPLAR CREEK AND APPROACHES ON SR-1007.

ROADWAY ITEMS				
		70	EA	DRUMS
		30	EA	CONES
		72	LF	BARRICADES (TYPE III)
		80	HR	FLAGGER
		40	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS MOBILIZATION	2,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+68.50)	2,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS GRADING	440	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
1	ACR SUPPLEMENTARY CLEARING & GRUB-BING	22,400	LF	PAINT PAVEMENT MARKING LINES (4")
400	CY UNDERCUT EXCAVATION	500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,000	CY SELECT GRANULAR MATERIAL	20	EA	PERMANENT RAISED PAVEMENT MARKERS
1,000	SY FABRIC FOR SOIL STABILIZATION	1,620	LF	TEMPORARY SILT FENCE
30	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	90	TON	STONE FOR EROSION CONTROL, CLASS A
36	LF 15" SIDE DRAIN PIPE	540	TON	STONE FOR EROSION CONTROL, CLASS B
108	LF 24" RC PIPE CULVERTS, CLASS III	240	TON	SEDIMENT CONTROL STONE
36	LF 15" CS PIPE CULVERTS, 0.064" THICK	2.5	ACR	TEMPORARY MULCHING
126	LF PIPE REMOVAL	100	LB	SEED FOR TEMPORARY SEEDING
1,200	TON AGGREGATE BASE COURSE	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
30	TON INCIDENTAL STONE BASE	250	LF	SAFETY FENCE
878.5	GAL PRIME COAT	1,620	CY	SILT EXCAVATION
390	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	1,260	SY	MATTING FOR EROSION CONTROL
330	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	250	LF	1/4" HARDWARE CLOTH
860	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	370	LF	COIR FIBER BAFFLES
84	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	3	ACR	SEEDING & MULCHING
20	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	1.5	ACR	MOWING
10	EA RIGHT OF WAY MARKERS	50	LB	SEED FOR REPAIR SEEDING
45	CY SUBDRAIN EXCAVATION	0.25	TON	FERTILIZER FOR REPAIR SEEDING
34	CY SUBDRAIN FINE AGGREGATE	50	LB	SEED FOR SUPPLEMENTAL SEEDING
200	LF 6" PERFORATED SUBDRAIN PIPE	2	TON	FERTILIZER TOPDRESSING
6	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	4.5	HR	SPECIALIZED HAND MOWING
1	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	27	EA	RESPONSE FOR EROSION CONTROL
6	LF 6" OUTLET PIPE (SUBDRAINS)	1	ACR	REFORESTATION
0.6	CY PIPE COLLARS			
0.1	CY PIPE PLUGS			
3	EA MASONRY DRAINAGE STRUCTURES			
1	EA FRAME WITH TWO GRATES, STD 840.22			***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
2	EA FRAME WITH TWO GRATES, STD 840.29	84	LF	15" RC PIPE CULVERTS, CLASS III
33	LF SHOULDER BERM GUTTER			*** OR ***
575	LF STEEL BM GUARDRAIL	76	LF	15" RC PIPE CULVERTS, CLASS III
5	EA ADDITIONAL GUARDRAIL POSTS	8	LF	**** HDPE PIPE CULVERTS (15")
4	EA GUARDRAIL ANCHOR UNITS, TYPE III			*** OR ***
4	EA GUARDRAIL ANCHOR UNITS, TYPE 350	76	LF	15" RC PIPE CULVERTS, CLASS III
825	LF TEMPORARY STEEL BM GUARDRAIL	8	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")
4	EA GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)			
6	EA GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			*** END SCHEDULE AA ***
85	TON RIP RAP, CLASS II			
10	TON RIP RAP, CLASS B			
315	SY FILTER FABRIC FOR DRAINAGE			
1	EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (21+68.50-L-)
9	SF CONTRACTOR FURNISHED, TYPE *** SIGN (E)	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+68.50-L-)
15	LF SUPPORTS, 3-LB STEEL U-CHANNEL	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+68.50-L-)
1	EA SIGN ERECTION, TYPE E	3,568	SF	CONCRETE WEARING SURFACE
7	EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4,821	SF	GROOVING BRIDGE FLOORS
48	SF WORK ZONE SIGNS (STATIONARY)			
96	SF WORK ZONE SIGNS (PORTABLE)			
40	SF WORK ZONE SIGNS (BARRICADE MOUNTED)			

44.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+68.50-L-)
6,688	LB	REINFORCING STEEL (BRIDGE)
680	LF	HP12X53 STEEL PILES
270	LF	HP14X73 GALVANIZED STEEL PILES
12	EA	PILE REDRIVES
180.5	LF	TWO BAR METAL RAIL
195.5	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-11 1/4")
465	TON	RIP RAP CLASS II (2'-0" THICK)
510	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,269.14	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 016

CONTRACT ID : C201874 33649.3.1

DIV OFFICE DURHAM

LENGTH = 0.214 MI

COUNTY : WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER SHOCCO CREEK AND APPROACHES ON SR-1613.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (STATION 20+48.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
200	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
6,500	CY	BORROW EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
100	TON	INCIDENTAL STONE BASE
810	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
540	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
70	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
345	LF	SHOULDER BERM GUTTER
1,150	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
11	TON	RIP RAP, CLASS B
368	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
15	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE E
9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
322	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	DRUMS
80	LF	BARRICADES (TYPE III)
9,200	LF	PAINT PAVEMENT MARKING LINES (4")
19	EA	PERMANENT RAISED PAVEMENT MARKERS
425	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
110	TON	STONE FOR EROSION CONTROL, CLASS B
115	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
425	LF	SAFETY FENCE
420	CY	SILT EXCAVATION

1,500	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
125	SY	PERMANENT SOIL REINFORCEMENT MAT
275	LF	1/4" HARDWARE CLOTH
175	LF	COIR FIBER BAFFLES
4	EA	*** SKIMMER (1-1/2")
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	TON	FERTILIZER TOPDRESSING
3	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+48.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (20+48.00-L-)
44.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+48.00-L-)
6,901	LB	REINFORCING STEEL (BRIDGE)
440	LF	HP12X53 STEEL PILES
195.21	LF	CONCRETE BARRIER RAIL
344	TON	RIP RAP CLASS II (2'-0" THICK)
382	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,171.25	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 017

CONTRACT ID : C201461 39750.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.598 MI

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : OCT 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			

			1,500	LF	UNPAVED TRENCHING (***** (1, 2"))
			31	EA	JUNCTION BOX (STANDARD SIZE)
			5	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
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)	7,550	LF	INDUCTIVE LOOP SAWCUT
75	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	3,650	LF	LEAD-IN CABLE (***** (2 PAIR)
2	EA	FLASHING ARROW PANELS, TYPE C		EA	SITE SURVEY
4	EA	CHANGEABLE MESSAGE SIGN		EA	LUMINAIRE ARM FOR VIDEO SYSTEM
273	EA	DRUMS		EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
156	LF	BARRICADES (TYPE III)		EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
120	MD	FLAGGER	4,500	LF	COMMUNICATIONS CABLE (**FIBER) (18)
5	EA	TEMPORARY CRASH CUSHIONS		LF	DROP CABLE
1,934	LF	PORTABLE CONCRETE BARRIER		EA	SPLICE ENCLOSURE
320	HR	POLICE		EA	FIBER-OPTIC TRANSCEIVER, SELF-HEALING RING
1,714	EA	TEMPORARY RAISED PAVEMENT MARKERS		EA	DELINEATOR MARKER
487	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	4,100	LF	REMOVE EXISTING COMMUNICATIONS CABLE
36,605	LF	PAINT PAVEMENT MARKING LINES (4")	16	EA	METAL STRAIN SIGNAL POLE
638	LF	PAINT PAVEMENT MARKING LINES (8")	16	EA	SOIL TEST
1,710	LF	PAINT PAVEMENT MARKING LINES (24")	112	CY	DRILLED PIER FOUNDATION
40	EA	PAINT PAVEMENT MARKING CHARACTER	2	EA	METAL STRAIN POLE DESIGN
268	EA	PAINT PAVEMENT MARKING SYMBOL	17	EA	SIGN FOR SIGNALS
28,105	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)	6	EA	SIGNAL CABINET FOUNDATION
819	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (STANDARD GLASS BEADS)	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
855	LF	POLYUREA PAVEMENT MARKING LINES (24", *****) (STANDARD GLASS BEADS)	33	EA	DETECTOR CARD (TYPE 2070L)
20	EA	POLYUREA PAVEMENT MARKING CHARACTER (*****) (STANDARD GLASS BEADS)	2	EA	CABINET BASE EXTENDER
134	EA	POLYUREA PAVEMENT MARKING SYMBOL (*****) (STANDARD GLASS BEADS)	2	EA	TRAFFIC SIGNAL REMOVAL
37	EA	PERMANENT RAISED PAVEMENT MARKERS	1	EA	METAL POLE FOUNDATION REMOVAL
1,677	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	EA	GENERIC SIGNAL ITEM METAL POLE RELOCATION
42	EA	FLEXIBLE DELINEATORS (CRYSTAL)	2	EA	GENERIC SIGNAL ITEM RELOCATE EXIST CCTV CABINET ASSEMBLY
22	EA	FLEXIBLE DELINEATORS (YELLOW)	2	EA	GENERIC SIGNAL ITEM RELOCATE EXIST SIGNAL CABINET & CONTROLLER ASSEMBLY
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	2	EA	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (44+88.35-L-)
10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)	262	LF	3'-6" DIA DRILLED PIERS IN SOIL
1,469	LF	16" WATER LINE	30	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
2,224	LF	ABANDON 16" UTILITY PIPE	4	EA	SID INSPECTION
370	LF	24" ENCASEMENT PIPE	4	EA	SPT TESTING
8,220	LF	TEMPORARY SILT FENCE	4	EA	CROSSHOLE SONIC LOGGING
50	TON	STONE FOR EROSION CONTROL, CLASS A	27,683	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)
55	TON	STONE FOR EROSION CONTROL, CLASS B	27,005	SF	GROOVING BRIDGE FLOORS
125	TON	SEDIMENT CONTROL STONE	233.5	CY	CLASS A CONCRETE (BRIDGE)
15	ACR	TEMPORARY MULCHING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+88.35-L-)
550	LB	SEED FOR TEMPORARY SEEDING	56,246	LB	REINFORCING STEEL (BRIDGE)
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING	7,586	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
50	LF	TEMPORARY SLOPE DRAINS	763,916	LS	APPROX LBS STRUCTURAL STEEL
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	3,300	LF	HP12X53 STEEL PILES
40	CY	SILT EXCAVATION	567.4	LF	THREE BAR METAL RAIL
575	SY	MATting FOR EROSION CONTROL	1,086	SY	4" SLOPE PROTECTION
560	LF	1/4" HARDWARE CLOTH	Lump Sum	LS	EVAZOTE JOINT SEALS
14	ACR	SEEDING & MULCHING	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA ***** (44+88.35-L-)
9	ACR	MOWING	7,947	SF	PILE PANEL RETAINING WALLS
200	LB	SEED FOR REPAIR SEEDING			***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****
0.5	TON	FERTILIZER FOR REPAIR SEEDING	1,248	LF	15" RC PIPE CULVERTS, CLASS III
350	LB	SEED FOR SUPPLEMENTAL SEEDING			*** OR ***
10.5	TON	FERTILIZER TOPDRESSING	1,200	LF	15" RC PIPE CULVERTS, CLASS III
2	HR	SPECIALIZED HAND MOWING	48	LF	***" HDPE PIPE CULVERTS (15")
8	EA	RESPONSE FOR EROSION CONTROL			*** OR ***
4,450	LF	SIGNAL CABLE	1,200	LF	15" RC PIPE CULVERTS, CLASS III
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			

48 LF **** ALUMINIZED CORRUGATED
STEEL PIPE CULVERTS, ****
THICK
(15", 0.064")

*** END SCHEDULE AA ***

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 018

CONTRACT ID : C202079 41927.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.000 MI

COUNTY : ROBESON

GRADING, DRAINAGE, PAVING, JACK STRS & SPAN REPLACEMENTS.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2009

SR-1726 (BRG #162), SR-1723 (BRG #167), SR-1718 (BRG #169), US-301 (BRG #100 & #54), & SR-1529 (BRG #151) ALONG I-95.

ROADWAY ITEMS

				Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #100)
Lump Sum	LS	MOBILIZATION		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #162)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #100)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #54)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #162)	24,884	LB		REINFORCING STEEL (BRIDGE)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #54)	14,794	LS		APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	GRADING	539	LF		CONCRETE BARRIER RAIL
921	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1,906	SY		CLASS I, SURFACE PREPARATION
38	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	142	SY		CLASS II, SURFACE PREPARATION
50	TON	INCIDENTAL STONE BASE	64.8	CY		LATEX MODIFIED CONC OVERLAY
1,620	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")	1,863	SY		PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
690	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	Lump Sum	LS		ELASTOMERIC BEARINGS
780	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	260	LF		EPOXY RESIN INJECTION
2,240	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	49	SF		EPOXY MORTAR REPAIRS
201	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	Lump Sum	LS		EVAZOTE JOINT SEALS
2.1	CY	PIPE PLUGS	3,861.74	LF		3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
32	EA	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS		GENERIC STRUCTURE ITEM BRIDGE JACKING (BRIDGE #100)
4	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS		GENERIC STRUCTURE ITEM BRIDGE JACKING (BRIDGE #54)
28	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	Lump Sum	LS		GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #100)
1,390	LF	SHOULDER BERM GUTTER	Lump Sum	LS		GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #151)
90	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	Lump Sum	LS		GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #162)
6,050	LF	STEEL BM GUARDRAIL	Lump Sum	LS		GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #167)
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS		GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #169)
10	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS		GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
12	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP)	319.25	LF		GENERIC STRUCTURE ITEM CONCRETE BRIDGE RAIL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1				
15	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77				
2,800	LF	REMOVE & RESET EXISTING GUARD- RAIL				
2,787.5	LF	REMOVE EXISTING GUARDRAIL				
2,275	SF	WORK ZONE SIGNS (STATIONARY)				
602	SF	WORK ZONE SIGNS (PORTABLE)				
126	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)				
2	EA	FLASHING ARROW PANELS, TYPE C				
2	EA	CHANGEABLE MESSAGE SIGN				
410	EA	DRUMS				
50	EA	CONES				
96	LF	BARRICADES (TYPE III)				
480	HR	FLAGGER				
1	EA	TMIA				
40	LF	WATER FILLED BARRIER				
200	LF	RESET WATER FILLED BARRIER				
Lump Sum	LS	PORTABLE LIGHTING				
1.6	ACR	SEEDING & MULCHING				

STRUCTURE ITEMS

16,571	SF	GROOVING BRIDGE FLOORS
179.3	CY	CLASS AA CONCRETE (BRIDGE)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 019

CONTRACT ID : C202078 41928.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.000 MI

COUNTY : CUMBERLAND, HARNETT

GRADING, DRAINAGE, PAVING, JACK STRS & SPAN REPLACEMENTS.

DBE GOAL 5.0% COMPLETION DATE : SEP 15 2009

SR-1005 (BRG #153), SR-1815 (BRG #154), SR-1813 (BRG #155), AND SR-1709 (BRG #81) ALONG I-95.

ROADWAY ITEMS

			2,340	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #155)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #81)			
Lump Sum	LS	GRADING			
545	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
26	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
50	TON	INCIDENTAL STONE BASE			
1,080	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")			
3,730	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
1,310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
2,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
345	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2.1	CY	PIPE PLUGS			
16	EA	MASONRY DRAINAGE STRUCTURES			
16	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
217	LF	SHOULDER BERM GUTTER			
3,375	LF	STEEL BM GUARDRAIL			
187.5	LF	STEEL BM GUARDRAIL, SHOP CURVED			
10	EA	ADDITIONAL GUARDRAIL POSTS			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP)			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
13	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
2,250	LF	REMOVE EXISTING GUARDRAIL			
2,039	SF	WORK ZONE SIGNS (STATIONARY)			
394	SF	WORK ZONE SIGNS (PORTABLE)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
1	EA	FLASHING ARROW PANELS, TYPE C			
3	EA	CHANGEABLE MESSAGE SIGN			
249	EA	DRUMS			
50	EA	CONES			
80	LF	BARRICADES (TYPE III)			
40	HR	FLAGGER			
1	EA	TMA			
40	LF	WATER FILLED BARRIER			
120	LF	RESET WATER FILLED BARRIER			
Lump Sum	LS	PORTABLE LIGHTING			
1.5	ACR	SEEDING & MULCHING			

STRUCTURE ITEMS

117	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #155)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #81)
15,870	LB	REINFORCING STEEL (BRIDGE)
24,110	LS	APPROX LBS STRUCTURAL STEEL
Lump Sum	LS	ELASTOMERIC BEARINGS
218	LF	EPOXY RESIN INJECTION
10	SF	EPOXY MORTAR REPAIRS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 020

CONTRACT ID : C202118 41927.3.1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.000 MI

COUNTY : ROBESON, CUMBERLAND, HARNETT

GRADING, DRAINAGE, PAVING, JACK STRS & SPAN REPLACEMENTS.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2009

BRIDGES OVER I-95 ON SR-1726, SR-1723, SR-1718, US-301, SR-1529, SR-1005, SR-1815, SR-1813 AND SR-1709.

ROADWAY ITEMS			STRUCTURE ITEMS		
Lump Sum	LS	MOBILIZATION	16,571	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #100)	296.3	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #155)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #100)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #162)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #155)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #54)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #162)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (BRIDGE #81)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #54)
Lump Sum	LS	GRADING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (BRIDGE #81)
1,466	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	40,754	LB	REINFORCING STEEL (BRIDGE)
64	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	38,904	LS	APPROX LBS STRUCTURAL STEEL
100	TON	INCIDENTAL STONE BASE	539	LF	CONCRETE BARRIER RAIL
2,700	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")	1,906	SY	CLASS I, SURFACE PREPARATION
4,420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	142	SY	CLASS II, SURFACE PREPARATION
2,090	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	64.8	CY	LATEX MODIFIED CONC OVERLAY
4,290	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,863	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
546	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	Lump Sum	LS	ELASTOMERIC BEARINGS
4.2	CY	PIPE PLUGS	478	LF	EPOXY RESIN INJECTION
48	EA	MASONRY DRAINAGE STRUCTURES	59	SF	EPOXY MORTAR REPAIRS
4	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	EVAZOTE JOINT SEALS
44	EA	STEEL FRAME WITH TWO GRATES, STD 840.37	6,201.74	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
1,607	LF	SHOULDER BERM GUTTER	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING (BRIDGE #100)
90	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING (BRIDGE #155)
9,425	LF	STEEL BM GUARDRAIL	Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING (BRIDGE #81)
250	LF	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #100)
20	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #151)
20	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP)	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #153)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #154)
28	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #155)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #162)
2,800	LF	REMOVE & RESET EXISTING GUARDRAIL	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #167)
5,037.5	LF	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #169)
4,314	SF	WORK ZONE SIGNS (STATIONARY)	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
996	SF	WORK ZONE SIGNS (PORTABLE)	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
220	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
3	EA	FLASHING ARROW PANELS, TYPE C	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
5	EA	CHANGEABLE MESSAGE SIGN	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
659	EA	DRUMS	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
100	EA	CONES	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
176	LF	BARRICADES (TYPE III)	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
520	HR	FLAGGER	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
2	EA	TMIA	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
80	LF	WATER FILLED BARRIER	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
320	LF	RESET WATER FILLED BARRIER	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
Lump Sum	LS	PORTABLE LIGHTING	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)
3.1	ACR	SEEDING & MULCHING	Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE (BRIDGE #54)

Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING ST RUCTURE (BRIDGE #81)
788.25	LF	GENERIC STRUCTURE ITEM CONCRETE BRIDGE RAIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 021

CONTRACT ID : C201872 33563.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.128 MI

COUNTY : ORANGE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER NEW HOPE CREEK AND APPROACHES ON SR-1730.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
16	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
68	LF	18" SIDE DRAIN PIPE
80	LF	15" RC PIPE CULVERTS, CLASS III
108	LF	PIPE REMOVAL
200	TON	INCIDENTAL STONE BASE
120	SY	INCIDENTAL MILLING
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
60	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
210	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
30	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
12	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
22.4	CY	SUBDRAIN EXCAVATION
16.8	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
80	LF	SHOULDER BERM GUTTER
285	LF	STEEL BM GUARDRAIL
22.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
10	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
40	TON	RIP RAP, CLASS II
10	TON	RIP RAP, CLASS B
635	SY	FILTER FABRIC FOR DRAINAGE
275	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
48	LF	BARRICADES (TYPE III)
5,400	LF	PAINT PAVEMENT MARKING LINES (4")
17	EA	PERMANENT RAISED PAVEMENT MARKERS
235	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
225	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
150	LF	SAFETY FENCE
605	CY	SILT EXCAVATION
385	SY	MATTING FOR EROSION CONTROL
380	SY	PERMANENT SOIL REINFORCEMENT MAT
50	LF	1/4" HARDWARE CLOTH

8	EA	SPECIAL STILLING BASINS
115	LF	COIR FIBER BAFFLES
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+90.00-L-)
110	CY	FOUNDATION EXCAVATION (13+90.00-L-)
28	LF	3'-6" DIA DRILLED PIERS IN SOIL
26	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
30.16	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+90.00-L-)
75	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+90.00-L-)
14,290	LB	REINFORCING STEEL (BRIDGE)
1,594	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
50	LF	HP12X53 STEEL PILES
220	LF	TWO BAR METAL RAIL
235.5	LF	1'-**X ***** CONCRETE PARAPET (1'-2" X 2'-10")
455	TON	RIP RAP CLASS II (2'-0" THICK)
505	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,175	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 022

CONTRACT ID : C201857 34912.3.3

DIV OFFICE GREENSBORO

LENGTH = 1.222 MI

COUNTY : ALAMANCE

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

DBE GOAL 10.0% COMPLETION DATE : AUG 15 2010

GRAND OAKS BLVD EXT FROM SR-1146 (KIRKPATRICK RD) TO NC-62 (ALAMANCE RD) IN BURLINGTON.

ROADWAY ITEMS					
			25	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	4,100	LF	1'-6" CONCRETE CURB & GUTTER
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	10,790	LF	2'-6" CONCRETE CURB & GUTTER
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2,250	SY	4" CONCRETE SIDEWALK
22,800	CY	UNCLASSIFIED EXCAVATION	5	EA	RETROFIT EXISTING WHEELCHAIR RAMPS
7,600	CY	UNDERCUT EXCAVATION	6	EA	CONCRETE WHEELCHAIR RAMPS
5,750	TON	CLASS IV SUBGRADE STABILIZATION	50	SY	6" CONCRETE DRIVEWAY
88,600	CY	BORROW EXCAVATION	145	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
80	CY	DRAINAGE DITCH EXCAVATION	4	EA	ADJUSTMENT OF CATCH BASINS
16,860	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1,325	LF	STEEL BM GUARDRAIL
4.5	HR	PROOF ROLLING	10	EA	ADDITIONAL GUARDRAIL POSTS
7,000	CY	SELECT GRANULAR MATERIAL	4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
10,050	SY	FABRIC FOR SOIL STABILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
642	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	92	TON	RIP RAP, CLASS I
168	LF	15" SIDE DRAIN PIPE	6	TON	RIP RAP, CLASS A
188	LF	72" RC PIPE CULVERTS, CLASS III	665	TON	RIP RAP, CLASS B
136	LF	15" CS PIPE CULVERTS, 0.064" THICK	3,270	SY	FILTER FABRIC FOR DRAINAGE
1,250	LF	PIPE REMOVAL	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
Lump Sum	LS	FINE GRADING	1,006	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
10,750	SY	LIME TREATED SOIL (SLURRY METHOD)	2	EA	SIGN ERECTION, TYPE D
110	TON	LIME FOR LIME TREATED SOIL	37	EA	SIGN ERECTION, TYPE E
20	TON	#57 STONE	3	EA	SIGN ERECTION, TYPE F
500	TON	STABILIZER AGGREGATE	21	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,421	TON	AGGREGATE BASE COURSE	400	SF	WORK ZONE SIGNS (STATIONARY)
7,170	SY	SOIL CEMENT BASE	536	SF	WORK ZONE SIGNS (PORTABLE)
198	TON	PORTLAND CEMENT FOR SOIL CEMENT BASE	258	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2,690	GAL	ASPHALT CURING SEAL	1	EA	FLASHING ARROW PANELS, TYPE C
500	TON	INCIDENTAL STONE BASE	2	EA	CHANGEABLE MESSAGE SIGN
820	GAL	PRIME COAT	285	EA	DRUMS
2,680	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	70	EA	CONES
390	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")	640	LF	BARRICADES (TYPE III)
3,980	SY	INCIDENTAL MILLING	3,600	HR	FLAGGER
12,420	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1	EA	TMIA
11,630	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	120	HR	POLICE
9,760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	105	EA	SKINNY DRUM
1,670	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	182	EA	TEMPORARY RAISED PAVEMENT MARKERS
110	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2,765	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
336	CY	SUBDRAIN EXCAVATION	19,202	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
168	CY	SUBDRAIN FINE AGGREGATE	414	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,000	LF	6" PERFORATED SUBDRAIN PIPE	399	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	88	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
12	LF	6" OUTLET PIPE (SUBDRAINS)	53,878	LF	PAINT PAVEMENT MARKING LINES (4")
15	TON	BLOTTING SAND	234	LF	PAINT PAVEMENT MARKING LINES (24")
4	CY	ENDWALLS	6,584	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	CY	REINFORCED ENDWALLS	55	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
2	CY	PIPE COLLARS	4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
73	EA	MASONRY DRAINAGE STRUCTURES	383	EA	SNOWPLOWABLE PAVEMENT MARKERS
22	LF	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	PORTABLE LIGHTING
4	EA	FRAME WITH TWO GRATES, STD 840.16	60	LF	8" WATER LINE
3	EA	FRAME WITH TWO GRATES, STD 840.24	2,765	LF	12" WATER LINE
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	3	EA	12" VALVE
			1	EA	12" TAPPING VALVE
			3	EA	RELOCATE WATER METER

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 023

CONTRACT ID : C201876 37698.3.1

DIV OFFICE GREENSBORO

LENGTH = 0.417 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : OCT 15 2009

BRIDGE OVER I-85 SBL & APPROACHES ON I-40 & US-220.

ROADWAY ITEMS					
			20	TON	RIP RAP, CLASS B
			280	SY	FILTER FABRIC FOR DRAINAGE
			2	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
			36	CY	OVERHEAD FOOTING
			431	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			779	LB	SUPPORTS, SIMPLE STEEL BEAM
			420	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	MOBILIZATION	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (11+00-L-)
Lump Sum	LS	CONSTRUCTION SURVEYING	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (21+80 -L-)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (34+50 -L-)
400	CY	UNDERCUT EXCAVATION	1	EA	SIGN ERECTION, TYPE D
Lump Sum	LS	GRADING	11	EA	SIGN ERECTION, TYPE E
36,600	CY	BORROW EXCAVATION	4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
16	CY	DRAINAGE DITCH EXCAVATION	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (11+00-L-)
400	CY	SELECT GRANULAR MATERIAL	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (21+50-L-)
400	SY	FABRIC FOR SOIL STABILIZATION	Lump Sum	LS	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (34+50-L-)
346.5	SF	TEMPORARY SHORING	2	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
170	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	5	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
124	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	20	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6	EA	*** BIT COAT CS PIPE ELBOWS, TYPE B ***** THICK (15", 0.064")	1	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
76	LF	GENERIC PIPE ITEM TEMPORARY 15" PLASTIC CORR. PIPE	350	SF	WORK ZONE SIGNS (STATIONARY)
585	LF	PIPE REMOVAL	520	SF	WORK ZONE SIGNS (PORTABLE)
1	EA	PIPE CLEAN-OUT	160	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	3	EA	FLASHING ARROW PANELS, TYPE C
2,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D	3	EA	CHANGEABLE MESSAGE SIGN
2,000	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	27	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
260	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	160	EA	DRUMS
95	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	180	LF	BARRICADES (TYPE III)
110	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	2	EA	TEMPORARY CRASH CUSHIONS
3,240	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)	2	EA	RESET TEMPORARY CRASH CUSHIONS
23	CY	SUBDRAIN EXCAVATION	2	EA	TMIA
17	CY	SUBDRAIN FINE AGGREGATE	1,400	LF	PORTABLE CONCRETE BARRIER
100	LF	6" PERFORATED SUBDRAIN PIPE	1,400	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	760	LF	RESET PORTABLE CONCRETE BARRIER
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	760	LF	RESET PORTABLE CONCRETE BARRIER (DRAINAGE)
6	LF	6" OUTLET PIPE (SUBDRAINS)	20	HR	POLICE
23	EA	MASONRY DRAINAGE STRUCTURES	170	EA	TEMPORARY RAISED PAVEMENT MARKERS
13.3	LF	MASONRY DRAINAGE STRUCTURES	3,913	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
3	EA	FRAME WITH TWO GRATES, STD 840.16	723	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
12	EA	FRAME WITH TWO GRATES, STD 840.20	2,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
8	EA	FRAME WITH TWO GRATES, STD 840.22	16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
3	EA	FRAME WITH COVER, STD 840.54	8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,050	LF	SHOULDER BERM GUTTER	2,926	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (4)
150	SY	4" CONCRETE PAVED DITCH	10,438	LF	PAINT PAVEMENT MARKING LINES (6")
980	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
25	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
1	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET			
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE COVER			
2,650	LF	STEEL BM GUARDRAIL			
10	EA	ADDITIONAL GUARDRAIL POSTS			
3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			
5	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
2,425	LF	REMOVE EXISTING GUARDRAIL			

3,950	LF	PAINT PAVEMENT MARKING LINES (12")	1	EA	GENERIC SIGNAL ITEM		
32	EA	PAINT PAVEMENT MARKING CHARACTER			RELOCATE CCTV ASSEMBLY		
16	EA	PAINT PAVEMENT MARKING SYMBOL					
583	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (STANDARD GLASS BEADS)				***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****	
170	EA	SNOWPLOWABLE PAVEMENT MARKERS	852	LF	15" RC PIPE CULVERTS, CLASS III		
1	EA	120' HIGH MOUNT STANDARD	256	LF	18" RC PIPE CULVERTS, CLASS III		
1	EA	PORTABLE DRIVE UNIT	312	LF	24" RC PIPE CULVERTS, CLASS III		
9.4	CY	HIGH MOUNT FOUNDATIONS					
8	EA	HIGH MOUNT LUMINAIRES ***** (750W HPS)				*** OR ***	
50	LF	ELECTRIC SERVICE LATERAL ***** (3#1/0, USE)	568	LF	15" RC PIPE CULVERTS, CLASS III		
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)	284	LF	***" HDPE PIPE CULVERTS (15")		
375	LF	ELECTRICAL DUCT, TYPE BD, SIZE ***** (2")	256	LF	***" HDPE PIPE CULVERTS (18")		
260	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (3")	312	LF	***" HDPE PIPE CULVERTS (24")		*** OR ***
65	LF	ELECTRICAL DUCT, TYPE JA, SIZE ***** (6")	568	LF	15" RC PIPE CULVERTS, CLASS III		
720	LF	** #4 W/G FEEDER CIRCUIT (2)	284	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15")		
250	LF	** #6 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	256	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (18")		
3,350	LF	** #4 W/G FEEDER CIRCUIT IN ***** CONDUIT (2, 1.5")	312	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (24")		
8	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)					*** END SCHEDULE AA ***
3	EA	ELECTRICAL JUNCTION BOXES ***** (PC30)					
1	EA	GENERIC LIGHTING ITEM RELOCATE LIGHT STANDARD	7,101	SF	MSE RETAINING WALL		
1	EA	GENERIC LIGHTING ITEM REMOVE CONTROL SYS					
1	EA	GENERIC LIGHTING ITEM REMOVE HIGH MAST					
1	EA	GENERIC LIGHTING ITEM TRANSFORMER PANEL, 3KVA					
3,600	LF	TEMPORARY SILT FENCE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (31+81.71-L-)		
330	TON	STONE FOR EROSION CONTROL, CLASS A	186	LF	PILE EXCAVATION IN SOIL		
410	TON	STONE FOR EROSION CONTROL, CLASS B	54	LF	PILE EXCAVATION NOT IN SOIL		
450	TON	SEDIMENT CONTROL STONE	15,130	SF	REINFORCED CONCRETE DECK SLAB		
5.5	ACR	TEMPORARY MULCHING	16,030	SF	GROOVING BRIDGE FLOORS		
200	LB	SEED FOR TEMPORARY SEEDING	193	CY	CLASS A CONCRETE (BRIDGE)		
0.75	TON	FERTILIZER FOR TEMPORARY SEEDING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (31+81.71-L-)		
90	LF	TEMPORARY SLOPE DRAINS	27,497	LB	REINFORCING STEEL (BRIDGE)		
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	1,218,200	LS	APPROX LBS STRUCTURAL STEEL		
1,500	CY	SILT EXCAVATION	1,440	LF	HP14X73 STEEL PILES		
2,500	SY	MATTING FOR EROSION CONTROL	494.04	LF	CONCRETE BARRIER RAIL		
360	LF	1/4" HARDWARE CLOTH	53	SY	4" SLOPE PROTECTION		
225	LF	COIR FIBER BAFFLES	Lump Sum	LS	POT BEARINGS		
7.5	ACR	SEEDING & MULCHING	Lump Sum	LS	EVAZOTE JOINT SEALS		
5	ACR	MOWING					
50	LB	SEED FOR REPAIR SEEDING					
0.25	TON	FERTILIZER FOR REPAIR SEEDING					
200	LB	SEED FOR SUPPLEMENTAL SEEDING					
5.5	TON	FERTILIZER TOPDRESSING					
6	HR	SPECIALIZED HAND MOWING					
12	EA	RESPONSE FOR EROSION CONTROL					
200	LF	TRACER WIRE					
200	LF	DIRECTIONAL DRILL (*****) (2, 1.25")					
5	EA	JUNCTION BOX (STANDARD SIZE)					
1	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)					
1	EA	SOIL TEST					
4	CY	DRILLED PIER FOUNDATION					
1	EA	METAL POLE FOUNDATION REMOVAL					
1	EA	GENERIC SIGNAL ITEM CCTV FOUNDATION DESIGN					
1	EA	GENERIC SIGNAL ITEM CCTV METAL POLE					
1	EA	GENERIC SIGNAL ITEM MODIFY ELECTRIC SERVICE					

WALL ITEMS

STRUCTURE ITEMS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 024

CONTRACT ID : C201873 33587.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.155 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : MAY 15 2009

BRIDGE OVER GABRIEL'S CREEK AND APPROACHES ON SR-2215.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+10.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
220	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
48	LF	18" SIDE DRAIN PIPE
32	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
100	TON	INCIDENTAL STONE BASE
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
275	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
55	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
70	LF	SHOULDER BERM GUTTER
487.5	LF	STEEL BM GUARDRAIL
50	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
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
95	TON	RIP RAP, CLASS B
365	SY	FILTER FABRIC FOR DRAINAGE
421	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	CONES
64	LF	BARRICADES (TYPE III)
160	HR	FLAGGER
31,200	LF	PAINT PAVEMENT MARKING LINES (4")
14	EA	PERMANENT RAISED PAVEMENT MARKERS
225	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
150	TON	STONE FOR EROSION CONTROL, CLASS B
30	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
275	LF	SAFETY FENCE
665	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
50	SY	COIR FIBER MAT
745	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
260	LF	COIR FIBER BAFFLES
8	EA	*** SKIMMER (1-1/2")
2.5	ACR	SEEDING & MULCHING

1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+10.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (18+10.00-L-)
3,072	SF	REINFORCED CONCRETE DECK SLAB
3,419	SF	GROOVING BRIDGE FLOORS
36.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+10.00-L-)
5,334	LB	REINFORCING STEEL (BRIDGE)
86,500	LS	APPROX LBS STRUCTURAL STEEL
270	LF	HP12X53 STEEL PILES
156.54	LF	CONCRETE BARRIER RAIL
261	TON	RIP RAP CLASS II (2'-0" THICK)
290	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 025

CONTRACT ID : C201878 38913.3.1

DIV OFFICE ABERDEEN

LENGTH = 209.500 MI

COUNTY : DIVISIONWIDE

NATIONAL HIGHWAY SYSTEM GUARDRAIL REHABILITATION.

DBE GOAL 2.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

DIVISION 8 - US-421, NC-49, US-64, US-74, US-220, US-311, US-401, US-1 & NC-87.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,900	CY	SHOULDER BORROW
3	EA	IMPACT ATTENUATOR UNIT, TYPE 350
47,950	LF	STEEL BM GUARDRAIL
1,065	LF	STEEL BM GUARDRAIL, SHOP CURVED
30	EA	ADDITIONAL GUARDRAIL POSTS
40	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
211	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
498	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
72	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
146	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
83	EA	GUARDRAIL ANCHOR UNITS, TYPE B-83
50,619.5	LF	REMOVE EXISTING GUARDRAIL
80	EA	GENERIC GUARDRAIL ITEM REPLACE EXISTING GUARDRAIL OFFSET BLOCKS
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
5	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 026

CONTRACT ID : C201500 33620.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.506 MI

COUNTY : STOKES

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : OCT 15 2009

BRIDGES OVER TOWN FORK CREEK & TOWN FORK CREEK OVERFLOW AND APPROACHES ON NC-8.

ROADWAY ITEMS					
			15.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
Lump Sum	LS	MOBILIZATION			
1	EA	SEALING ABANDONED WELLS	108.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+10 -L-)	352	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			3	EA	SIGN ERECTION, TYPE D
			2	EA	SIGN ERECTION, TYPE E
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+22 -L-)	7	EA	SIGN ERECTION, TYPE F
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	21	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
750	CY	UNDERCUT EXCAVATION	331	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	GRADING	128	SF	WORK ZONE SIGNS (PORTABLE)
32,000	CY	BORROW EXCAVATION	87	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
283	CY	DRAINAGE DITCH EXCAVATION	54	EA	DRUMS
3,250	CY	SELECT GRANULAR MATERIAL	80	LF	BARRICADES (TYPE III)
2,500	SY	FABRIC FOR SOIL STABILIZATION	24	MD	FLAGGER
1,269	SF	TEMPORARY SHORING	2	EA	TEMPORARY CRASH CUSHIONS
47	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	2	EA	TMIA
			760	LF	PORTABLE CONCRETE BARRIER
152	LF	15" SIDE DRAIN PIPE	80	EA	TEMPORARY RAISED PAVEMENT MARKERS
28	LF	18" SIDE DRAIN PIPE			
120	LF	24" RC PIPE CULVERTS, CLASS III	5,780	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
56	LF	30" RC PIPE CULVERTS, CLASS III	6,094	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
84	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	126	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	37	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
136	LF	PIPE REMOVAL	5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,000	TON	AGGREGATE BASE COURSE	20,825	LF	PAINT PAVEMENT MARKING LINES (4")
30	TON	INCIDENTAL STONE BASE	4	EA	PAINT PAVEMENT MARKING SYMBOL
1,875	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	96	EA	SNOWFLOWABLE PAVEMENT MARKERS
1,225	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	4	EA	RELOCATE WATER METER
1,800	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	EA	RELOCATE FIRE HYDRANT
247	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2,200	LF	TEMPORARY SILT FENCE
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	150	TON	STONE FOR EROSION CONTROL, CLASS A
23	EA	RIGHT OF WAY MARKERS	345	TON	STONE FOR EROSION CONTROL, CLASS B
115	CY	SUBDRAIN EXCAVATION	450	TON	SEDIMENT CONTROL STONE
85	CY	SUBDRAIN FINE AGGREGATE	4.5	ACR	TEMPORARY MULCHING
500	LF	6" PERFORATED SUBDRAIN PIPE	150	LB	SEED FOR TEMPORARY SEEDING
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	170	LF	TEMPORARY SLOPE DRAINS
6	LF	6" OUTLET PIPE (SUBDRAINS)	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2	CY	PIPE COLLARS	300	LF	SAFETY FENCE
3	EA	MASONRY DRAINAGE STRUCTURES	1,725	CY	SILT EXCAVATION
3	EA	FRAME WITH TWO GRATES, STD 840.29	2,310	SY	MATTING FOR EROSION CONTROL
40	LF	SHOULDER BERM GUTTER	50	SY	COIR FIBER MAT
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	525	SY	PERMANENT SOIL REINFORCEMENT MAT
1,862.5	LF	STEEL BM GUARDRAIL	250	LF	1/4" HARDWARE CLOTH
5	EA	ADDITIONAL GUARDRAIL POSTS	12	EA	SPECIAL STILLING BASINS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	200	LF	COIR FIBER BAFFLES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	5	EA	*** SKIMMER (1-1/2")
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	1	EA	*** SKIMMER (2-1/2")
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (W-BEAM)	6.5	ACR	SEEDING & MULCHING
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	2.5	ACR	MOWING
126	TON	RIP RAP, CLASS B	50	LB	SEED FOR REPAIR SEEDING
1,192	SY	FILTER FABRIC FOR DRAINAGE	0.25	TON	FERTILIZER FOR REPAIR SEEDING
40.1	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	100	LB	SEED FOR SUPPLEMENTAL SEEDING
			4.75	TON	FERTILIZER TOPDRESSING
			2	HR	SPECIALIZED HAND MOWING
			8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+10.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+10.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+22.00-L-)
70.64	LF	3'-6" DIA DRILLED PIERS IN SOIL
59	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
32.1	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
8,183	SF	REINFORCED CONCRETE DECK SLAB
3,340	SF	CONCRETE WEARING SURFACE
12,837	SF	GROOVING BRIDGE FLOORS
176.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+10.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+22.00-L-)
37,695	LB	REINFORCING STEEL (BRIDGE)
4,714	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
862.67	LF	54" PRESTRESSED CONCRETE GIR- DERS
680	LF	HP12X53 STEEL PILES
24	EA	STEEL PILE POINTS
439.33	LF	CONCRETE BARRIER RAIL
195.5	LF	VERTICAL CONCRETE BARRIER RAIL
573	TON	RIP RAP CLASS II (2'-0" THICK)
636	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
1,171.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

27	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
2	EA	SID INSPECTION
2	EA	SPT TESTING
1	EA	CROSSHOLE SONIC LOGGING
14,025	SF	REINFORCED CONCRETE DECK SLAB
12,293	SF	GROOVING BRIDGE FLOORS
114.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+60.00 -L-)
25,433	LB	REINFORCING STEEL (BRIDGE)
3,183	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
534,100	LS	APPROX LBS STRUCTURAL STEEL
450	LF	HP12X53 STEEL PILES
795.74	LF	CONCRETE BARRIER RAIL
590	TON	RIP RAP CLASS II (2'-0" THICK)
656	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (19+60.00 -L-)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 028

CONTRACT ID : C201867 33108.2.2

DIV OFFICE ASHEVILLE

LENGTH = 0.170 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEP 15 2009

BRIDGE OVER NORTH MUDDY CREEK AND APPROACHES ON SR-1763.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+44)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
10	CY	UNDERCUT EXCAVATION
250	TON	CLASS IV SUBGRADE STABILIZATION
30	CY	DRAINAGE DITCH EXCAVATION
250	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
44	LF	18" RC PIPE CULVERTS, CLASS III
20	LF	15" CS PIPE CULVERTS, 0.064" THICK
20	LF	PIPE REMOVAL
25	TON	INCIDENTAL STONE BASE
360	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
220	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
240	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
42	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
30	EA	RIGHT OF WAY MARKERS
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)
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
40	LF	SHOULDER BERM GUTTER
230	LF	CONCRETE EXPRESSWAY GUTTER
100	LF	STEEL BM GUARDRAIL
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
55	TON	RIP RAP, CLASS II
8	TON	RIP RAP, CLASS B
560	SY	FILTER FABRIC FOR DRAINAGE
58	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
9	EA	SIGN ERECTION, TYPE E
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
407	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
7,480	LF	PAINT PAVEMENT MARKING LINES (4")
1,170	LF	TEMPORARY SILT FENCE
135	TON	STONE FOR EROSION CONTROL, CLASS A
165	TON	STONE FOR EROSION CONTROL, CLASS B
290	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING

0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
250	LF	SAFETY FENCE
660	CY	SILT EXCAVATION
720	SY	MATTING FOR EROSION CONTROL
100	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
260	LF	COIR FIBER BAFFLES
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
320	LF	15" RC PIPE CULVERTS, CLASS III
*** OR ***		
248	LF	15" RC PIPE CULVERTS, CLASS III
72	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** THICK (15", 0.064")
*** OR ***		
248	LF	15" RC PIPE CULVERTS, CLASS III
72	LF	**** HDPE PIPE CULVERTS (15", 0.064")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (13+44.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+44.00-L-)
75	LF	3'-6" DIA DRILLED PIERS IN SOIL
33	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
72	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
1	EA	SID INSPECTION
2	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+44.00-L-)
4,296	SF	REINFORCED CONCRETE DECK SLAB
3,966	SF	GROOVING BRIDGE FLOORS
105.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+44.00-L-)
21,465	LB	REINFORCING STEEL (BRIDGE)
3,077	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
569.33	LF	36" PRESTRESSED CONCRETE GIRDDERS
400	LF	HP12X53 STEEL PILES
293.77	LF	CONCRETE BARRIER RAIL
509	TON	RIP RAP CLASS II (2'-0" THICK)
570	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 029

CONTRACT ID : C201868 33403.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.086 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : AUG 31 2009

BRIDGE OVER SOUTH HOMINY CREEK AND APPROACHES ON SR-3452.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+87.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
10	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZATION
100	CY	SELECT GRANULAR MATERIAL
100	SY	FABRIC FOR SOIL STABILIZATION
720	SF	TEMPORARY SHORING
7	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	18" RC PIPE CULVERTS, CLASS III
12	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
52	LF	PIPE REMOVAL
25	TON	INCIDENTAL STONE BASE
230	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
20	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
360	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
19	EA	RIGHT OF WAY MARKERS
23	CY	SUBDRAIN EXCAVATION
17	CY	SUBDRAIN FINE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
3	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.***** (840.33)
80	LF	SHOULDER BERM GUTTER
100	LF	STEEL BM GUARDRAIL
275	LF	STEEL BM GUARDRAIL, SHOP CURVED
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	TON	RIP RAP, CLASS I
280	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
332	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
59	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	CHANGEABLE MESSAGE SIGN
50	EA	DRUMS
50	EA	CONES
96	LF	BARRICADES (TYPE III)
400	HR	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
135	LF	PORTABLE CONCRETE BARRIER
17,494	LF	PAINT PAVEMENT MARKING LINES (4")

60	LF	PAINT PAVEMENT MARKING LINES (24")
149	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,630	LF	TEMPORARY SILT FENCE
160	TON	STONE FOR EROSION CONTROL, CLASS A
225	TON	STONE FOR EROSION CONTROL, CLASS B
90	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
110	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
350	LF	SAFETY FENCE
670	CY	SILT EXCAVATION
500	SY	MATTING FOR EROSION CONTROL
10	SY	COIR FIBER MAT
205	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
240	LF	COIR FIBER BAFFLES
1	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
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

WALL ITEMS

2,640	SF	MSE RETAINING WALL
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STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+87.00-L-)
136	LF	PILE EXCAVATION IN SOIL
80	LF	PILE EXCAVATION NOT IN SOIL
5,625	SF	REINFORCED CONCRETE DECK SLAB
5,071	SF	GROOVING BRIDGE FLOORS
34.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+87.00-L-)
7,660	LB	REINFORCING STEEL (BRIDGE)
260,097	LS	APPROX LBS STRUCTURAL STEEL
280	LF	HP14X73 STEEL PILES
356.67	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 030

CONTRACT ID : C201870 33540.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.042 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAY 01 2009

BRIDGE #51 OVER CAMP CREEK AND APPROACHES ON SR-1123.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
600	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZATION
9	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
12	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
64	LF	15" SIDE DRAIN PIPE
40	LF	15" RC PIPE CULVERTS, CLASS III
8	LF	24" RC PIPE CULVERTS, CLASS III
25	TON	INCIDENTAL STONE BASE
125	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
115	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
13	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
13	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
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
32	LF	SHOULDER BERM GUTTER
250	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
1	TON	RIP RAP, CLASS B
305	SY	FILTER FABRIC FOR DRAINAGE
258	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
25	EA	DRUMS
112	LF	BARRICADES (TYPE III)
32	HR	FLAGGER
3,000	LF	PAINT PAVEMENT MARKING LINES (4")
425	LF	TEMPORARY SILT FENCE
200	TON	STONE FOR EROSION CONTROL, CLASS A
40	TON	STONE FOR EROSION CONTROL, CLASS B
60	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
175	LF	SAFETY FENCE
135	CY	SILT EXCAVATION
210	SY	MATTING FOR EROSION CONTROL
125	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
40	LF	COIR FIBER BAFFLES
1.5	ACR	SEEDING & MULCHING

1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+25.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+25.50-L-)
50.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+25.50-L-)
7,730	LB	REINFORCING STEEL (BRIDGE)
360	LF	HP12X53 GALVANIZED STEEL PILES
120	LF	HP14X73 GALVANIZED STEEL PILES
24	EA	STEEL PILE POINTS
124.8	LF	CONCRETE BARRIER RAIL
Lump Sum	LS	ELASTOMERIC BEARINGS
624.01	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS
2,820	SF	GENERIC STRUCTURE ITEM 18" GALVANIZED STEEL SHEET PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 031

CONTRACT ID : C201871 33541.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.290 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER CROOKED CREEK AND APPROACHES ON SR-1129.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+00.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
50	CY	UNDERCUT EXCAVATION
250	TON	CLASS IV SUBGRADE STABILIZA- TION
250	CY	DRAINAGE DITCH EXCAVATION
1,000	CY	SELECT GRANULAR MATERIAL
1,000	SY	FABRIC FOR SOIL STABILIZATION
51	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
32	LF	15" SIDE DRAIN PIPE
24	LF	18" SIDE DRAIN PIPE
80	LF	24" RC PIPE CULVERTS, CLASS III
25	TON	INCIDENTAL STONE BASE
805	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
485	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
67	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
25	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)
5	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	FRAME WITH TWO GRATES, STD 840.29
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
130	LF	2'-6" CONCRETE CURB & GUTTER
110	LF	SHOULDER BERM GUTTER
325	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
285	TON	RIP RAP, CLASS B
1,100	SY	FILTER FABRIC FOR DRAINAGE
215	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
126	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
46	EA	DRUMS
25	EA	CONES
96	LF	BARRICADES (TYPE III)
320	HR	FLAGGER
16,660	LF	PAINT PAVEMENT MARKING LINES (4")
1,725	LF	TEMPORARY SILT FENCE
165	TON	STONE FOR EROSION CONTROL, CLASS A
190	TON	STONE FOR EROSION CONTROL, CLASS B
180	TON	SEDIMENT CONTROL STONE
7.5	ACR	TEMPORARY MULCHING
300	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEED- ING
100	LF	TEMPORARY SLOPE DRAINS

3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
300	LF	SAFETY FENCE
675	CY	SILT EXCAVATION
1,350	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
800	SY	PERMANENT SOIL REINFORCEMENT MAT
450	LF	1/4" HARDWARE CLOTH
200	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
2	EA	*** SKIMMER (2")
8	ACR	SEEDING & MULCHING
4.5	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
5.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
340	LF	15" RC PIPE CULVERTS, CLASS III
*** OR ***		
104	LF	15" RC PIPE CULVERTS, CLASS III
236	LF	*** HDPE PIPE CULVERTS (15")
*** OR ***		
104	LF	15" RC PIPE CULVERTS, CLASS III
236	LF	*** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ***** THICK (15", 0.064")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+20.00-L-)
5,198	SF	REINFORCED CONCRETE DECK SLAB
5,108	SF	GROOVING BRIDGE FLOORS
71	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+20.00-L-)
10,490	LB	REINFORCING STEEL (BRIDGE)
580.9	LF	36" PRESTRESSED CONCRETE GIR- DERS
420	LF	HP12X53 STEEL PILES
373	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
294.92	LF	CONCRETE BARRIER RAIL
186	TON	RIP RAP CLASS II (2'-0" THICK)
207	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 032

CONTRACT ID : C202117 33540.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.332 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE #51 OVER CAMP CREEK AND APPROACHES ON SR-1123 AND BRIDGE OVER CROOKED CREEK AND APPROACHES ON SR-1129.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+00.00)
Lump Sum	LS	GRADING
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING
650	CY	UNDERCUT EXCAVATION
850	TON	CLASS IV SUBGRADE STABILIZATION
259	CY	DRAINAGE DITCH EXCAVATION
1,500	CY	SELECT GRANULAR MATERIAL
1,500	SY	FABRIC FOR SOIL STABILIZATION
63	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
96	LF	15" SIDE DRAIN PIPE
24	LF	18" SIDE DRAIN PIPE
88	LF	24" RC PIPE CULVERTS, CLASS III
50	TON	INCIDENTAL STONE BASE
930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
600	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
80	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
38	EA	RIGHT OF WAY MARKERS
230	CY	SUBDRAIN EXCAVATION
170	CY	SUBDRAIN FINE AGGREGATE
1,000	LF	6" PERFORATED SUBDRAIN PIPE
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
1	CY	PIPE COLLARS
6	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
130	LF	2'-6" CONCRETE CURB & GUTTER
142	LF	SHOULDER BERM GUTTER
575	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
286	TON	RIP RAP, CLASS B
1,405	SY	FILTER FABRIC FOR DRAINAGE
473	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
183	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
71	EA	DRUMS
25	EA	CONES
208	LF	BARRICADES (TYPE III)
352	HR	FLAGGER
19,660	LF	PAINT PAVEMENT MARKING LINES (4")
2,150	LF	TEMPORARY SILT FENCE
365	TON	STONE FOR EROSION CONTROL, CLASS A
230	TON	STONE FOR EROSION CONTROL, CLASS B
240	TON	SEDIMENT CONTROL STONE
9	ACR	TEMPORARY MULCHING
350	LB	SEED FOR TEMPORARY SEEDING
2.25	TON	FERTILIZER FOR TEMPORARY SEEDING

100	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
475	LF	SAFETY FENCE
810	CY	SILT EXCAVATION
1,560	SY	MATTING FOR EROSION CONTROL
25	SY	COIR FIBER MAT
925	SY	PERMANENT SOIL REINFORCEMENT MAT
550	LF	1/4" HARDWARE CLOTH
240	LF	COIR FIBER BAFFLES
1	EA	*** SKIMMER (1-1/2")
2	EA	*** SKIMMER (2")
9.5	ACR	SEEDING & MULCHING
5.5	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
250	LB	SEED FOR SUPPLEMENTAL SEEDING
6.75	TON	FERTILIZER TOPDRESSING
4	HR	SPECIALIZED HAND MOWING
24	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION
		***** BEGIN SCHEDULE AA ***** (3 ALTERNATES) *****
380	LF	15" RC PIPE CULVERTS, CLASS III
		*** OR ***
144	LF	15" RC PIPE CULVERTS, CLASS III
236	LF	**** HDPE PIPE CULVERTS (15")
		*** OR ***
144	LF	15" RC PIPE CULVERTS, CLASS III
236	LF	**** ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, **** (15", 0.064")
		*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+25.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+20.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (12+25.50-L-)
5,198	SF	REINFORCED CONCRETE DECK SLAB
5,108	SF	GROOVING BRIDGE FLOORS
121.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+25.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+20.00-L-)
18,220	LB	REINFORCING STEEL (BRIDGE)
580.9	LF	36" PRESTRESSED CONCRETE GIRDDERS
420	LF	HP12X53 STEEL PILES
360	LF	HP12X53 GALVANIZED STEEL PILES
120	LF	HP14X73 GALVANIZED STEEL PILES
373	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
24	EA	STEEL PILE POINTS
419.72	LF	CONCRETE BARRIER RAIL
186	TON	RIP RAP CLASS II (2'-0" THICK)
207	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

Lump Sum	LS	EVAZOTE JOINT SEALS
624.01	LF	3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS
2,820	SF	GENERIC STRUCTURE ITEM 18" GALVANIZED STEEL SHEET PILES

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 033

CONTRACT ID : C201806 33544.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.114 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : NOV 15 2009

BRIDGE OVER DALE'S CREEK AND APPROACHES ON SR-1552.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (24+67.500)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
25	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
1,000	SF	TEMPORARY SHORING
34	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
60	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
228	LF	GENERIC PIPE ITEM 84" CS PIPE CULVERTS, 0.168" THICK
228	LF	PIPE REMOVAL
285	TON	AGGREGATE BASE COURSE
25	TON	INCIDENTAL STONE BASE
135	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
19	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
7	EA	RIGHT OF WAY MARKERS
170	CY	SUBDRAIN EXCAVATION
224	CY	SUBDRAIN FINE AGGREGATE
1,000	LF	6" PERFORATED SUBDRAIN PIPE
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
1	EA	MASONRY DRAINAGE STRUCTURES
20	LF	SHOULDER BERM GUTTER
150	LF	STEEL BM GUARDRAIL
25	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
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
62.5	LF	TEMPORARY STEEL BM GUARDRAIL
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
90	TON	RIP RAP, CLASS B
340	SY	FILTER FABRIC FOR DRAINAGE
256	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
25	EA	CONES
48	LF	BARRICADES (TYPE III)
20	MD	FLAGGER
2	EA	TEMPORARY CRASH CUSHIONS
40	LF	PORTABLE CONCRETE BARRIER
100	LF	WATER FILLED BARRIER
40	EA	TEMPORARY RAISED PAVEMENT MARKERS
5,240	LF	PAINT PAVEMENT MARKING LINES (4")
48	LF	PAINT PAVEMENT MARKING LINES (24")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")

4	EA	PERMANENT RAISED PAVEMENT MARKERS
1,200	LF	TEMPORARY SILT FENCE
90	TON	STONE FOR EROSION CONTROL, CLASS A
300	TON	STONE FOR EROSION CONTROL, CLASS B
200	TON	SEDIMENT CONTROL STONE
0.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
300	LF	SAFETY FENCE
885	CY	SILT EXCAVATION
560	SY	MATTING FOR EROSION CONTROL
20	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
270	LF	COIR FIBER BAFFLES
0.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
290	LF	IMPERVIOUS DIKE
2	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL
710	LF	SIGNAL CABLE
6	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
480	LF	MESSENGER CABLE (3/8")
4	EA	WOOD POLE
8	EA	GUY ASSEMBLY
1	EA	1" RISER WITH WEATHERHEAD
3	EA	2" RISER WITH WEATHERHEAD
270	LF	INDUCTIVE LOOP SAWCUT
730	LF	LEAD-IN CABLE (***** (14-2)
1	EA	MICROWAVE VEHICLE DETECTOR
4	EA	SIGN FOR SIGNALS
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
3	EA	DETECTOR CARD (TYPE 2070L)
***** BEGIN SCHEDULE AA ***** ***** (3 ALTERNATES) *****		
32	LF	15" RC PIPE CULVERTS, CLASS III
*** OR ***		
32	LF	****" HDPE PIPE CULVERTS (15")
*** OR ***		
32	LF	****" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****" THICK (15", 0.064")
*** END SCHEDULE AA ***		

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (24+67.50-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (24+67.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (24+67.50-L-)
2,893	SF	REINFORCED CONCRETE DECK SLAB
3,012	SF	GROOVING BRIDGE FLOORS
107.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (24+67.50-L-)

12,122	LB	REINFORCING STEEL (BRIDGE)
96,900	LS	APPROX LBS STRUCTURAL STEEL
188.55	LF	CONCRETE BARRIER RAIL
223	TON	RIP RAP CLASS II (2'-0" THICK)
249	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 034

CONTRACT ID : C201832 33509.3.1

DIV OFFICE SYLVA

LENGTH = 0.143 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : SEP 01 2009

BRIDGE OVER TUCKASEGEE RIVER & APPROACHES ON SR-1132.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+15.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
100	CY	UNDERCUT EXCAVATION
500	TON	CLASS IV SUBGRADE STABILIZATION
40	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
68	LF	15" SIDE DRAIN PIPE
208	LF	15" RC PIPE CULVERTS, CLASS III
500	TON	INCIDENTAL STONE BASE
298	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
181	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
224	CY	SUBDRAIN EXCAVATION
168	CY	SUBDRAIN FINE AGGREGATE
1,000	LF	6" PERFORATED SUBDRAIN PIPE
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE (SUBDRAINS)
5	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.24
3	EA	FRAME WITH TWO GRATES, STD 840.29
630	LF	***X *** CONCRETE CURB (8" X 18")
137	LF	SHOULDER BERM GUTTER
30	SY	6" CONCRETE DRIVEWAY
187.5	LF	STEEL BM GUARDRAIL
137.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77 SHOP CURVED)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
30	TON	RIP RAP, CLASS I
3	TON	RIP RAP, CLASS B
235	SY	FILTER FABRIC FOR DRAINAGE
69	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
128	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
19	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
96	SF	WORK ZONE SIGNS (STATIONARY)
208	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
40	EA	DRUMS
48	LF	BARRICADES (TYPE III)
16	MD	FLAGGER
2	EA	TMIA
9,474	LF	PAINT PAVEMENT MARKING LINES (4")

90	LF	PAINT PAVEMENT MARKING LINES (24")
910	LF	TEMPORARY SILT FENCE
110	TON	STONE FOR EROSION CONTROL, CLASS A
300	TON	STONE FOR EROSION CONTROL, CLASS B
130	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
250	LF	SAFETY FENCE
860	CY	SILT EXCAVATION
510	SY	MATTING FOR EROSION CONTROL
120	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
280	LF	COIR FIBER BAFFLES
1.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
27	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (14+15.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+15.50-L-)
3,379	SF	REINFORCED CONCRETE DECK SLAB
3,110	SF	GROOVING BRIDGE FLOORS
27.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+15.50-L-)
5,080	LB	REINFORCING STEEL (BRIDGE)
119,895	LS	APPROX LBS STRUCTURAL STEEL
490	LF	HP12X53 STEEL PILES
244.67	LF	CONCRETE BARRIER RAIL
170	TON	RIP RAP CLASS II (2'-0" THICK)
190	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L080715 035

CONTRACT ID : C201875 33715.3.1

DIV OFFICE SYLVA

LENGTH = 0.233 MI

COUNTY : CLAY

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 4.0% COMPLETION DATE : JUN 15 2009

BRIDGE OVER BRASSTOWN CREEK AND APPROACHES ON SR-1104.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+01.00-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
50	CY	UNDERCUT EXCAVATION
50	TON	CLASS IV SUBGRADE STABILIZATION
290	CY	DRAINAGE DITCH EXCAVATION
50	CY	SELECT GRANULAR MATERIAL
50	SY	FABRIC FOR SOIL STABILIZATION
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
68	LF	18" RC PIPE CULVERTS, CLASS III
260	LF	24" RC PIPE CULVERTS, CLASS III
52	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
30	LF	PIPE REMOVAL
650	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
360	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
52	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	EA	RIGHT OF WAY MARKERS
30	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)
0.13	CY	PIPE PLUGS
7	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.16
3	EA	FRAME WITH TWO GRATES, STD 840.29
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
160	LF	2'-6" CONCRETE CURB & GUTTER
248	LF	SHOULDER BERM GUTTER
250	LF	STEEL BM GUARDRAIL
56.25	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
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
20	TON	RIP RAP, CLASS B
450	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
762	SF	WORK ZONE SIGNS (STATIONARY)
112	SF	WORK ZONE SIGNS (PORTABLE)
190	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
170	LF	BARRICADES (TYPE III)
320	HR	FLAGGER
18,020	LF	PAINT PAVEMENT MARKING LINES (4")

70	LF	PAINT PAVEMENT MARKING LINES (24")
200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
800	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
230	TON	STONE FOR EROSION CONTROL, CLASS B
210	TON	SEDIMENT CONTROL STONE
6	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
70	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
1,110	CY	SILT EXCAVATION
1,600	SY	MATTING FOR EROSION CONTROL
250	SY	PERMANENT SOIL REINFORCEMENT MAT
100	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
310	LF	COIR FIBER BAFFLES
6	ACR	SEEDING & MULCHING
3.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
150	LB	SEED FOR SUPPLEMENTAL SEEDING
4.25	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 ***** (18+20.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+20.00-L-)
21.75	LF	3'-0" DIA DRILLED PIERS IN SOIL
20	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
19.75	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (18+20.00-L-)
56.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+20.00-L-)
14,486	LB	REINFORCING STEEL (BRIDGE)
775	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
120	LF	HP12X53 STEEL PILES
160	LF	HP12X53 GALVANIZED STEEL PILES
319.25	LF	CONCRETE BARRIER RAIL
116	TON	RIP RAP CLASS II (2'-0" THICK)
137	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,755.88	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
1,370	SF	GENERIC STRUCTURE ITEM 18" GALVANIZED STEEL SHEET PILES

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L080715 036

CONTRACT ID : C202060 14C.045116

DIV OFFICE SYLVA

LENGTH = 2.438 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, AND PAVING.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : JUL 15 2010

SR-1171 (CUMMINGS RD) FROM SR-1210 (BIG WILLOW RD) TO US-64 (BREVARD RD).

		ROADWAY ITEMS			
				25,938	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
				25,380	LF THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	MOBILIZATION		150	LF THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING		2	EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	GRADING		116,849	LF PAINT PAVEMENT MARKING LINES (4")
43,800	CY	BORROW EXCAVATION		348	LF PAINT PAVEMENT MARKING LINES (24")
360	CY	DRAINAGE DITCH EXCAVATION		4	EA PAINT PAVEMENT MARKING SYMBOL
3,500	SY	GENERIC GRADING ITEM		224	EA SNOWPLOWABLE PAVEMENT MARKERS
		ROCK PLATING		11,695	LF TEMPORARY SILT FENCE
940	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		280	TON STONE FOR EROSION CONTROL, CLASS A
112	LF	15" SIDE DRAIN PIPE		2,065	TON STONE FOR EROSION CONTROL, CLASS B
92	LF	18" SIDE DRAIN PIPE		1,300	TON SEDIMENT CONTROL STONE
48	LF	24" SIDE DRAIN PIPE		23.5	ACR TEMPORARY MULCHING
538	LF	18" RC PIPE CULVERTS, CLASS III		850	LB SEED FOR TEMPORARY SEEDING
208	LF	24" RC PIPE CULVERTS, CLASS III		3.5	TON FERTILIZER FOR TEMPORARY SEEDING
388	LF	30" RC PIPE CULVERTS, CLASS III		215	LF TEMPORARY SLOPE DRAINS
208	LF	36" RC PIPE CULVERTS, CLASS III		13	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
72	LF	54" RC PIPE CULVERTS, CLASS III		980	LF SAFETY FENCE
220	LF	60" RC PIPE CULVERTS, CLASS III		3,725	CY SILT EXCAVATION
104	LF	72" RC PIPE CULVERTS, CLASS III		12,360	SY MATTING FOR EROSION CONTROL
104	LF	6" CS PIPE CULVERTS, 0.064" THICK (SPRING BOX)		540	SY COIR FIBER MAT
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		390	SY PERMANENT SOIL REINFORCEMENT MAT
72	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK		810	LF 1/4" HARDWARE CLOTH
8	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK		205	LF *** TEMPORARY PIPE (15")
512	LF	PIPE REMOVAL		14	EA SPECIAL STILLING BASINS
10,900	TON	AGGREGATE BASE COURSE		90	LF COIR FIBER BAFFLES
200	TON	INCIDENTAL STONE BASE		25	ACR SEEDING & MULCHING
2,700	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B		14	ACR MOWING
7,300	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B		200	LB SEED FOR REPAIR SEEDING
3,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B		0.5	TON FERTILIZER FOR REPAIR SEEDING
685	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22		550	LB SEED FOR SUPPLEMENTAL SEEDING
18	CY	ENDWALLS		18,75	TON FERTILIZER TOPDRESSING
27	CY	REINFORCED ENDWALLS		1,130	LF IMPERVIOUS DIKE
6	EA	MASONRY DRAINAGE STRUCTURES		19	HR SPECIALIZED HAND MOWING
8.7	LF	MASONRY DRAINAGE STRUCTURES		24	EA RESPONSE FOR EROSION CONTROL
2	EA	FRAME WITH TWO GRATES, STD 840.24		90	CY CULVERT DIVERSION CHANNEL
1	EA	FRAME WITH COVER, STD 840.54			
405	LF	2'-6" CONCRETE CURB & GUTTER			
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
9,312.5	LF	STEEL BM GUARDRAIL			
65	LF	STEEL BM GUARDRAIL, SHOP CURVED			
10	EA	ADDITIONAL GUARDRAIL POSTS			
19	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
50	LF	REMOVE EXISTING GUARDRAIL			
100	TON	RIP RAP, CLASS I			
150	TON	RIP RAP, CLASS II			
40	TON	RIP RAP, CLASS B			
1,530	SY	FILTER FABRIC FOR DRAINAGE			
1,568	SF	WORK ZONE SIGNS (STATIONARY)			
160	SF	WORK ZONE SIGNS (PORTABLE)			
194	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
25	EA	DRUMS			
80	EA	CONES			
128	LF	BARRICADES (TYPE III)			
460	HR	FLAGGER			
300	LF	WATER FILLED BARRIER			

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 BYPASS) 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 ***** (109+70.00-L-)
5	EA	FRAME WITH TWO GRATES, STD 840.16	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (18+30.00-Y2-)
25	EA	FRAME WITH TWO GRATES, STD 840.20	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (23+60.00-Y2-)
65	EA	FRAME WITH TWO GRATES, STD 840.22	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ***** (98+20.00-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	CULVERT EXCAVATION, STA ***** (12+60.000 -Y2-)
53	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
70.9	M3	CLASS A CONCRETE (CULVERT)
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

