

MICHAEL F. EASLEY GOVERNOR LYNDO TIPPETT Secretary

September 23, 2008

Notice To:

From:

All Prospective Bidders R.A. Garris, P.E. State Contract Officer

Subject:

Liability Insurance

Beginning with the November 18, 2008 letting, the Project Special Provision concerning Liability Insurance will be effective.

In accordance with Article 107-16 Liability Insurance, the Contractor shall add the Department as an additional insured on the commercial general liability policy at no additional cost to the Department. See attached provision for specific occurrences and limits.

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

Enclosure

MAILING ADDRESS: NC DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT 1591 MAIL SERVICE CENTER DURING 27500 4501 TELEPHONE: 919-250-4128 FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG

LOCATION: CENTURY CENTER COMPLEX ENTRANCE B-2 1020 BIRCH RIDGE DRIVE

LIABILITY INSURANCE:

(11-18-08)

Page 1-68, Article 107-16 is amended to include the following as the first, second, third and fourth paragraphs:

The Contractor shall be liable for any losses resulting from a breach of the terms of this contract. The Contractor shall be liable for any losses due to the negligence or willful misconduct of its agents, assigns and employees including any sub-contractors which causes damage to others for which the Department is found liable under the Torts Claims Act, or in the General Courts of Justice, provided the Department provides prompt notice to the Contractor and that the Contractor has an opportunity to defend against such claims. The Contractor shall not be responsible for punitive damages.

The Contractor shall at its sole cost and expense obtain and furnish to the Department an original standard ACORD form certificate of insurance evidencing commercial general liability with a limit for bodily injury and property damage in the amount of \$5,000,000.00 per occurrence and general aggregate, covering the Contractor from claims or damages for bodily injury, personal injury, or for property damages which may arise from operating under the contract by the employees and agents of the Contractor. The required limit of insurance may be obtained by a single general liability policy or the combination of a general liability and excess liability or umbrella policy. The State of North Carolina shall be named as an additional insured on this commercial general liability policy. The policy may contain the following language as relates to the State as an additional insured: "This insurance with respect to the additional insured applies only to the extent that the additional insured is held liable for your or your agent's acts or omissions arising out of and in the course of operations performed for the additional insured."

The Contractor shall maintain all legally required insurance coverage, including without limitation, worker's compensation and vehicle liability, in the amounts required by law. Providing and maintaining adequate insurance coverage is a material obligation of the contractor and is of the essence of this contract. All such insurance shall meet all laws of the State of North Carolina. Such insurance coverage shall be obtained from companies that are authorized to provide such coverage and that are authorized by the Commissioner of Insurance to do business in North Carolina. The Contractor shall at all times comply with the terms of such insurance policies.

Upon execution of the contract, provide evidence of the above insurance requirements to the Engineer.



MICHAEL F. EASLEY GOVERNOR LYNDO TIPPETT SECRETARY

July 22, 2008

MEMORANDUM TO:

All Prequalified Contractors

FROM:

R. A. Garris, P.E. Ray

SUBJECT:

Upgrade to Expedite 5.7a

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

This new version of software is available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. **Before upgrading your software, please ensure you have backed up your digital id.** If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended you then uninstall the Expedite 5.6a version to ensure no confusion in the future. Once you have installed Expedite 5.7a, you need to enter in your Bidder Information and Agency ID. The digital id backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888 to have them walk you through this upgrade. The staff in the Project Services' Contract Office is also available for any further questions you may have concerning this transition at (919) 250-4124.

Bid Express http://www.bidx.com

NC Department of Transportation http://www.ncdot.org/doh/preconstruct/ps/contracts/expedi/ebs/2008/subebsdefault.html

MAILING ADDRESS: NC DEPARTMENT OF TRANSPORTATION CONTRACTS & PROPOSALS 1591 Mail Service Center Telephone: 919-250-4124 FAX: 919-250-4127 LOCATION: CENTURY CENTER COMPLEX BUILDING B - ENTRANCE B 15 1020 BIRCH RIDGE DRIVE

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



MICHAEL F. EASLEY GOVERNOR LYNDO TIPPETT SECRETARY

November 20, 2007

Notice To:

From:

Prospective Bidders, Material Suppliers, and Subcontractors R.A. Garris, P.E. 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: <u>http://www.ncdot.org/doh/preconstruct/ps/contracts/default.html</u>

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 RALEGH NC 27690-1591 TELEPHONE: 919-250-4124 FAX: 919-250-4127

WEBSITE: WWW.NCDOT.ORG

LOCATION: CENTURY CENTER COMPLEX BUILDING B - ENTRACE B 16 1020 BIRCH RIDGE DRIVE RALEIGH NC

TIP#	DIVISION	COUNTY	DESCIPTION	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 \$7-210	NOVEMBER 18, 2008
X-0002C	6	CUMBERLAND	NC 24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM 1.3 MILES EAST OF NC \$7-210 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



MICHAEL F. EASLEY GOVERNOR

LYNDO TIPPETT SECRETARY

October 23, 2007

MEMORANDUM TO:

Prospective Bidders

FROM:

R. A. Garris, P.E. K 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, CEL 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 pro-approved to train themselves. On the job training will also be a requirement of proper qualifications. To obtain detailed information regarding the Work Zons 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 mmcdiarmid@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.

MATLING ADDRESS: NC DEPARTMENT OF TRANSPORTATION CONTRACTS AND PROPOSALS 1591 MAIL SERVICE CENTER RALEIGH, NORTH CAROLINA 27699-1591

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

LOCATION: CENTURY CENTER COMPLEX BULDING B-ENTRANCE B 15 1020 BIECH RIDGE DETVIL RALEIOH, NORTH CAROLINA 27610

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

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 NOVEMBER 18, 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 OCTOBER 21, 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>	. DIVISION ENGINEER	LOCATION	TOWN	TELEPHONE
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	ASHEVILE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

Bid I	Letting Num	ber L081118	SUMMART U	F I KOI OSALS	
RPN	Contract Id	WBS	County	Length	JobType
001	C201976	34414.3.4	CRAVEN, JONES	9.529 KM	WIDEN, GRADING, DRAINAGE, PAVING, SIGNAL, SIGNING & STR.
002	C201977	35196.3.15	CUMBERLAND	4.327 KM	GRADING, DRAINAGE, PAVING, SIGNING & STRUCTURES.
003	C201979	35196.3.16	CUMBERLAND	6.570 KM	GRADING, DRAINAGE, PAVING & STRUCTURES.
004	C202186	35196.3.15 ETC.	CUMBERLAND	10.897 KM	GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.
007	C201495	33225.3.1	PITT	0.884 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C202140	2CR.10251.8	CRAVEN	10.400 MI	WIDENING, RESURFACING, SHOULDER RECONST & PAVEMENT REMOVAL.
009	C202139	2CR.10251.9 ETC.	CRAVEN	3.740 MI	MILLING, RESURFACING & RAISED MEDIAN.
010	C202184	3.106711 ETC.	ONSLOW, PENDER	7.170 MI	WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
011	C201978	41439.3.2	NEW HANOVER	20.800 MI	ITS, COMPUTERIZED SIGNAL SYSTEM.
012	C202142	3CR.10101.60 ETC	BRUNSWICK	11.314 MI	RESURFACING AND SHOULDER RECONSTRUCTION.
013	C202143	3CR.10311.64	DUPLIN	7.520 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
014	C201971	33513.3.1	JOHNSTON	0.172 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
015	C202146	42398.3.1	NASH	15.000 MI	DIAMOND GRINDING & CONCRETE SLAB REPLACEMENT.
016	C202145	42399.3.1	HALIFAX	4.950 MI	MILLING & RESURFACING.
017	C201974	33749.3.1	GRANVILLE	0.074 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
018	C201975	33750.3.1	GRANVILLE	0.111 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
019	C202187	33749.3.1 ETC.	GRANVILLE	0.185 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
020	C202190	39976.3.1	WAKE	29.000 MI	SIGNING & GUARDRAIL.
021	C202180	36248.179 ETC.	VANCE	6.120 MI	RESURFACING, AND SHOULDER RECONSTRUCTION.
022	C202182	5C.035037 ETC.	FRANKLIN	18.200 MI	RESURFACING & SHOULDER RECONSTRUCTION.
023	C202181	5C.093046 ETC.	WARREN	17.920 MI	RESURFACING, AND SHOULDER RECONSTRUCTION.
024	C202189	36248.179 ETC.	VANCE, FRANKLIN, WARREN		RESURFACING AND SHOULDER RECONSTRUCTION.
025	C202137	37972	COLUMBUS	0.297 MI	WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.
026	C201970	33442.3.1	COLUMBUS		GRADING, DRAINAGE, PAVING, AND STRUCTURE.
027	C202144	7CR.10171.16 ETC			RESURFACING & SHOULDER RECONSTRUCTION.
	C202183	7CR.10791.24 ETC			MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
	C202138	33379.2.2	ASHE		GRADING, DRAINAGE, PAVING, RETAINING WALL, & STRUCTURE.
	C201972	33655.3.1	WATAUGA		GRADING, DRAINAGE, PAVING, & STRUCTURE.
031	C201973	33659.3.1	WILKES	0.085 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.

			SUMMARY OF PROPOSALS	·		
Bid Letting Num	Bid Letting Number L081118					
RPN Contract Io	i WBS	County	Length	JobType		
032 C201892	33400.3.1	BUNCOMBE	0.358 MI	GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.		
Bid Letting Num	Bid Letting Number L081216 DECEMBER 16, 2008					
RPN Contract Io	i WBS	County	Length	JobType		
005 C201965	34501.3.4	LENOIR	4.028 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.		
006 C202028	34817.3.9	CUMBERLAND	1.922 KM	GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.		

Special Note: RPN 005 C201965 and RPN 006 C202028 are eight week advertisements.

FAX ORDER FORM

N.C.D.O.T. LETTING - ATTN: R. A. GARRIS, P.E. - CONTRACT OFFICER FAX NUMBER: (919) 250-4127 **PHONE NUMBER: (919) 250-4124**

INVOICE ADDRESS:	PHYSICAL ADDRESS:
P.O. BOX:	COMPANY NAME:
CITY:	STREET ADDRESS:
ZIP:	CITY:
CONTACT PERSON:	ZIP:
DATE ORDERED:	PHONE:
E-MAIL ADDRESS:	FAX #

*PLAN HOLDERS LIST:

*INDICATE BY <u>YES</u> OR <u>NO</u> FOR ALL PROJECTS YOU ORDER. IF YOU DO NOT INDICATE A <u>YES</u> OR <u>NO</u>, WE WILL CONSIDER THIS AS A <u>YES</u> AND YOUR NAME WILL APPEAR ON THE PLAN HOLDER'S LIST. <u>YES</u> MEANS THAT YOU WANT YOUR NAME TO APPEAR ON THE PLAN HOLDER'S LIST.

STRUCTURE SUBSURFACE		
ROADWAY STRUCTURE SUBSURFACE SUBSURFACE		
RDWY. RDWY. STRUCT. STRUCT. CROSS SMALL LARGE SMALL LARGE SECTIONS		
STRUCT. LARGE		
STRUCT. SMALL		
RDWY. LARGE		
RDWY. SMALL		
PROPOSAL		
PROJECT NUMBER(S)		
PLAN HOLDERS LIST:YES OR NO	n.	

FAX ORDER FORM

PAGE OF

N.C.D.O.T. LETTING - ATTN: R. A. GARRIS, P.E. - CONTRACT OFFICER FAX NUMBER: (919) 250-4127 PHONE NUMBER: (919) 250-4124

COMPANY NAME:

CITY:_

*PLAN HOLDERS LIST:

*INDICATE BY <u>YES</u> OR <u>NO</u> FOR ALL PROJECTS YOU ORDER. IF YOU DO NOT INDICATE A <u>YES</u> OR <u>NO</u>, WE WILL CONSIDER THIS AS A <u>YES</u> AND YOUR NAME WILL APPEAR ON THE PLAN HOLDER'S LIST. <u>YES</u> MEANS THAT YOU WANT YOUR NAME TO APPEAR ON THE PLAN HOLDER'S LIST.

STRUCTURE SUBSURFACE					
ROADWAY SUBSURFACE					
CROSS SECTIONS					
STRUCT STRUCT SMALL LARGE					
STRUCT SMALL					
RDWY. LARGE					
RDWY. SMALL	•				
PROPOSAL					
PROJECT NUMBER(S)					
PLAN HOLDERS LIST:YES OR NO					

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C201976 34414.3.4

DIV OFFICE GREENVILLE

L081118 001

FFICE OREENVILLE

LENGTH = 9.529 KM

COUNTY : CRAVEN, JONES

WIDEN, GRADING, DRAINAGE, PAVING, SIGNAL, SIGNING & STR.

DBE GOAL 10.0% COMPLETION DATE : NOV 01 2011

US-17 (NEW BERN BYPASS) FROM US-17 SOUTH OF NEW BERN TO US-70.

		ROADWAY ITEMS	5,420	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
			5,770	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
Lump Sum Lump Sum	LS LS	MOBILIZATION FIELD OFFICE	50,570	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
2,500	M2	GENERIC MISCELLANEOUS ITEM FABRIC FOR EMBANKMENT STABILIZ	3,035	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS	ATION CLEARING & GRUBBING	500	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	HA	HECTACRE(S) SUPPLEMENTARY CLEARING & GRUB- BING	42,140	М	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	238 396	M3 M3	SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE
Tauran Suma	TC	(18+20.000 NBL) REINFORCED BRIDGE APPROACH	2,870 287	M EA	150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES,
Lump Sum	LS	FILL, STATION ************************************	20	EA	TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	40	м	OUTLET 150MM OUTLET PIPE (SUBDRAINS)
		(30+04.000 NBL)	121.5	M3	ENDWALLS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	41.2 1	M3 M3	REINFORCED ENDWALLS PIPE COLLARS
		(30+04.000 SBL)	63	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	5.3	M	MASONRY DRAINAGE STRUCTURES
		(96+94.000 NBL)	5	EA	FRAME WITH TWO GRATES, STD
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	10	EA	840.16 FRAME WITH TWO GRATES, STD 840.20
22,600	М3	(96+94.000 SBL) UNDERCUT EXCAVATION	38	EA	FRAME WITH TWO GRATES, STD
500	MTN	CLASS IV SUBGRADE STABILIZA-	4	EA	840.22 FRAME WITH TWO GRATES, STD
1,770	М3	TION DRAINAGE DITCH EXCAVATION		2.11	840.24
800	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
65	HR	PROOF ROLLING	2	EA	FRAME WITH GRATE & HOOD, STD
29,500 32,000	M2 M3	FABRIC FOR SOIL STABILIZATION GENERIC GRADING ITEM			840.03, TYPE ** (G)
,		SELECT MATERIAL, CLASS III	1	EA	FRAME WITH COVER, STD 840.54
2,485	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	940	М	750MM CONCRETE CURB & GUTTER
111.6	м	450MM SIDE DRAIN PIPE	35	М	SHOULDER BERM GUTTER
24	М	600MM SIDE DRAIN PIPE	550 320	М M2	CONCRETE EXPRESSWAY GUTTER 125MM MONOLITHIC CONCRETE IS-
1,384.8	М	375MM RC PIPE CULVERTS, CLASS III			LANDS (KEYED IN)
117.6	М	450MM RC PIPE CULVERTS, CLASS III	4 2,749	EA M	IMPACT ATTENUATOR UNIT, TYPE 350 STEEL BM GUARDRAU
81.6	М	600MM RC PIPE CULVERTS, CLASS III	2,749	M	STEEL BM GUARDRAIL STEEL BM GUARDRAIL, SHOP CURVED
574.8	М	750MM RC PIPE CULVERTS, CLASS III	25	EA	ADDITIONAL GUARDRAIL POSTS
592.8	М	900MM RC PIPE CULVERTS, CLASS III	19	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
870	М	1050MM RC PIPE CULVERTS, CLASS III	22	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1,634.4	М	1200MM RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
316.8	М	1350MM RC PIPE CULVERTS, CLASS III	21	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
121.2	М	1500MM RC PIPE CULVERTS, CLASS III	7,760 6	M EA	DOUBLE FACED CABLE GUIDERAIL ADDITIONAL GUIDERAIL POSTS
105.2	М	1650MM RC PIPE CULVERTS, CLASS III	22 19,790	EA M	CABLE GUIDERAIL ANCHOR UNITS WOVEN WIRE FENCE, 1200MM FAB-
282	М	****MM RC PIPE CULVERTS, CLASS IV	4,240	EA	RIC 100MM TIMBER FENCE POSTS,
		(1200MM)			****M LONG (2.3M)
272.4	М	***MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK (400MM, 1.63MM)	730	EA	125MM TIMBER FENCE POSTS, ****M LONG
37.2	М	***MM BIT COAT CS PIPE CUL- VERTS, TYPE A ****MM THICK	200	М	(2.4M) ADDITIONAL BARBED WIRE
		(450MM, 1.63MM)	335		RIP RAP, CLASS I
14	EA	***MM BIT COAT CS PIPE ELBOWS,	470		RIP RAP, CLASS B
		TYPE A ****MM THICK (400MM, 1.63MM)	5,920	M2	FILTER FABRIC FOR DRAINAGE
90	М	PIPE REMOVAL	17	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
305	M2	150MM SLOPE PROTECTION	16	М3	REINFORCED CONCRETE SIGN FOUN-
Lump Sum	LS	FINE GRADING			DATIONS
12,500 1,000	MTN MTN	STABILIZER AGGREGATE INCIDENTAL STONE BASE	83 6,113	M3 KG	OVERHEAD FOOTING SUPPORTS, BREAKAWAY STEEL BEAM

52	Μ	SUPPORTS, 4.5-KG STEEL U-CHANN EL
26	EA	SUPPORTS, 3-KG STEEL U-CHANNEL
828	M	SUPPORTS, WOOD
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+00 -Y4-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (18+10 - Y1-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20 -Y4-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (20+50 -Y1-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+60 -Y4-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (3+80 -Y4-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (8+60 -Y4-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (90+20 -L-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (96+20 -L-)
4	EA	SIGN ERECTION, TYPE D
90 38	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
8	EA	SIGN ERECTION, TYPE ***
		(GROUND MOUNTED) (A)
12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
26	EA	SIGN ERECTION, MILEMARKERS
4	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
4	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
10 9	EA EA	DISPOSAL OF SUPPORT, WOOD DISPOSAL OF SIGN SYSTEM, STEEL BEAM
12	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
44	EA	DISPOSAL OF SIGN SYSTEM, WOOD
50 45	M2 M2	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)
7	M2	WORK ZONE SIGNS (BARRICADE
2	EA	MOUNTED) FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
420	EA	DRUMS
30	EA	CONES
145	М	BARRICADES (TYPE III)
200	MD	FLAGGER
6 2	EA EA	TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHIONS
2	EA	TMIA
1,700	М	PORTABLE CONCRETE BARRIER
1,700	М	PORTABLE CONCRETE BARRIER (DRAINAGE)
32	HR	POLICE
75 180	EA EA	TUBULAR MARKERS (FIXED) TEMPORARY RAISED PAVEMENT
2,766	M	MARKERS THERMOPLASTIC PAVEMENT MARKING
1,415	м	LINES (100MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
47,180	М	LINES (100MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
5,725	м	LINES (150MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
16	м	LINES (150MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
1,082	М	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
52	М	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)

			I ag
40	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	
5,381	М	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM)	
728	М	(IV) COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (150MM)	
7,064	м	(III) PAINT PAVEMENT MARKING LINES	
1,779	М	(100MM) PAINT PAVEMENT MARKING LINES	
278	М	(150MM) PAINT PAVEMENT MARKING LINES	
10	М	(200MM) PAINT PAVEMENT MARKING LINES	
27	EA	(600MM) PAINT PAVEMENT MARKING CHARAC-	
10	EA	TER PAINT PAVEMENT MARKING SYMBOL	
2,400	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	
737	EA	SNOWPLOWABLE PAVEMENT MARKERS	
4	EA	2.1M U-CHANNEL POSTS	
130 35	EA EA	FLEXIBLE DELINEATORS (CRYSTAL) FLEXIBLE DELINEATORS (YELLOW &	
33	EA	RED)	
4	EA	OBJECT MARKERS (END OF ROAD)	
858	М	150MM WATER LINE	
575	М	400MM WATER LINE	
295	М	750MM ENCASEMENT PIPE	
21	М	TRENCHLESS INSTALLATION OF 150MM IN SOIL	
21	М	TRENCHLESS INSTALLATION OF 150MM NOT IN SOIL	
60,500	М	TEMPORARY SILT FENCE	
2,800	MTN	STONE FOR EROSION CONTROL, CLASS A	
14,440	MTN	STONE FOR EROSION CONTROL, CLASS B	
7,515	MTN	SEDIMENT CONTROL STONE	
209.5	HA	TEMPORARY MULCHING	
3,750	KG	SEED FOR TEMPORARY SEEDING	
30.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING	
3,200	М	TEMPORARY SLOPE DRAINS	
102	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	
8,300	М	SAFETY FENCE	
15,315	M3	SILT EXCAVATION	
19,600	M2	MATTING FOR EROSION CONTROL	
30 700	M2 M2	COIR FIBER MAT PERMANENT SOIL REINFORCEMENT	
1,700	М	MAT 6.4MM HARDWARE CLOTH	
230	М	WATTLE	
147	KG	POLYACRYLAMIDE (PAM)	
1,400	М	COIR FIBER BAFFLES	
313	HA	SEEDING & MULCHING	
195.5	HA	MOWING	
4,225	KG	SEED FOR REPAIR SEEDING	
14.25	MTN	FERTILIZER FOR REPAIR SEEDING	
4,400	KG	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING	
262.75 5	MTN HR	SPECIALIZED HAND MOWING	
54	EA	RESPONSE FOR EROSION CONTROL	
1	HA	REFORESTATION	
585	M	SIGNAL CABLE	
12	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	
225	М	MESSENGER CABLE (9.52MM)	
280	М	UNPAVED TRENCHING (*********)	
		(1, 50MM)	
4	EA	JUNCTION BOX (STANDARD SIZE)	
380	М	INDUCTIVE LOOP SAWCUT	
545	М	LEAD-IN CABLE (***********) (14-2)	
4	EA	(14-2) METAL STRAIN SIGNAL POLE	
4	EA	SOIL TEST	
20	M3	DRILLED PIER FOUNDATION	
20	EA	SIGN FOR SIGNALS	
1	EA	SIGNAL CABINET FOUNDATION	
1	EA	CONTROLLER WITH CABINET (TYPE	
		2070L, BASE MOUNTED)	
5	EA	DETECTOR CARD (TYPE 2070L)	
1	EA	CABINET BASE EXTENDER	
		******* BEGIN SCHEDULE AA	*****
		******* (2 ALTERNATES)	

 ******* BEGIN SCHEDULE AA

 ******* (2 ALTERNATES)

 2,016,900
 M3

 BORROW EXCAVATION

 Lump Sum
 LS

 GENERIC GRADING ITEM UNCLASSIFIED EXCAVATION

7,520	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
77,850	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
46,610	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
6,465	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		*** OR ***
1,932,950	M3	BORROW EXCAVATION
Lump Sum	LS	GENERIC GRADING ITEM
		UNCLASSIFIED EXCAVATION
149,900	MTN	AGGREGATE BASE COURSE
77,390	L	PRIME COAT
50	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
37,800	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
33,570	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
3,810	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(18+22.000 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
		(1, 96+94.475 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******* (18+22.000 -L- LT)
5,659.4	M2	REINFORCED CONCRETE DECK SLAB
6,002,3	M2	GROOVING BRIDGE FLOORS
541	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(18+22.000 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(18+22.000 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(30+04.517 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(30+04.517-L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
	10	(96+94.475 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
47.104	W.C	(96+94.475 - L- RT)
47,124	KG	REINFORCING STEEL (BRIDGE)
1,466	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
746.16	М	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
623,800	LS	APPROX KG STRUCTURAL STEEL
3,678	Μ	HP310X79 STEEL PILES
955	М	HP360X108 GALVANIZED STEEL PILES
78	EA	PILE REDRIVES
760.395	Μ	CONCRETE BARRIER RAIL
2,282	M2	100MM SLOPE PROTECTION
659	MTN	RIP RAP CLASS II (600MM THICK)
672	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C201977 35196.3.15

DIV OFFICE FAYETTEVILLE

L081118 002 LENGTH = 4.327 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING & STRUCTURES.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 01 2012

232.8 M ****MM RC PIPE CULVERTS, CLASS

IV

FAYETTEVILLE OUTER LOOP FROM WEST OF NC-24 TO 1.3 MILES EAST OF NC-87/NC-210.

					IV (900MM)			
, a		MODILIZATION	513.6	М	400MM BIT COAT CS PIPE CUL-			
Lump Sum	LS LS	MOBILIZATION CONSTRUCTION SUBVEVING			VERTS, TYPE B 1.63MM THICK			
Lump Sum Lump Sum	LS	CONSTRUCTION SURVEYING CLEARING & GRUBBING	79.2	М	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK			
Durip Duri	20	HECTACRE(S)	73.2	М	600MM BIT COAT CS PIPE CUL-			
2	HA	SUPPLEMENTARY CLEARING & GRUB-			VERTS, TYPE B 1.63MM THICK			
1	EA	BING	49.2	М	800MM BIT COAT CS PIPE CUL-			
1 456,300	M3	SEALING ABANDONED WELLS UNCLASSIFIED EXCAVATION	36	М	VERTS, TYPE B 2.01MM THICK 900MM BIT COAT CS PIPE CUL-			
Lump Sum	LS	REINFORCED BRIDGE APPROACH	50		VERTS, TYPE B 2.01MM THICK			
		FILL, STATION **********	31	EA	400MM BIT COAT CS PIPE ELBOWS,			
Lump Sum	LS	(16+72.005 -FLYOVER-) REINFORCED BRIDGE APPROACH	4	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,			
Dullp Dull	10	FILL, STATION **********	*	LA	TYPE B 1.63MM THICK			
		(21+92.000 -TT7-)	4	EA	600MM BIT COAT CS PIPE ELBOWS,			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	2,175	М	TYPE B 1.63MM THICK PIPE REMOVAL			
		(23+82.275 -FLYOVER-)	Lump Sum	LS	FINE GRADING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	5,000	MTN	STABILIZER AGGREGATE			
		(56+06.410 -CDR-)	153,200	MTN	AGGREGATE BASE COURSE			
Lump Sum	LS	REINFORCED BRIDGE APPROACH	2,000	MTN	INCIDENTAL STONE BASE			
		FILL, STATION ************************************	49,550 24,758	L MTN	PRIME COAT ASPHALT CONC BASE COURSE, TYPE			
Lump Sum	LS	REINFORCED BRIDGE APPROACH	24,738	NI I IN	B25.0C			
		FILL, STATION **********	55,500	MTN	ASPHALT CONC INTERMEDIATE			
T C	10	(58+19.940 -L- EBL)	0.505		COURSE, TYPE 119.0C			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	2,525	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
		(58+35.010 -CDR-)	56,910	MTN	ASPHALT CONC SURFACE COURSE,			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			TYPE S9.5C			
		(66+15.645 -L- WBL)	2,040	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$9.5D			
Lump Sum	LS	REINFORCED BRIDGE APPROACH	2,150	MTN	ASPHALT CONC SURFACE COURSE,			
		FILL, STATION ************************************	_,		TYPE SF9.5A			
Lump Sum	LS	(66+24.323 -L- EBL) REINFORCED BRIDGE APPROACH	715	MTN	ASPHALT CONC SURFACE COURSE,			
Deally Deal	20	FILL, STATION **********	3,970	MTN	TYPE S12.5C ASPHALT BINDER FOR PLANT MIX,			
T C	10	(66+28.850 -CDR-)	5,570		GRADE PG 64-22			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	3,460	MTN	ASPHALT BINDER FOR PLANT MIX,			
		(77+44.000 -L- EBL)	120	MTN	GRADE PG 70-22 ASPHALT BINDER FOR PLANT MIX,			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	120	MIIN	GRADE PG 76-22			
		(77+44.000 -L- WBL)	120	MTN	ASPHALT PLANT MIX, PAVEMENT			
20,600	M3	UNDERCUT EXCAVATION	14 250		REPAIR			
225	MTN	CLASS IV SUBGRADE STABILIZA-	14,350	М	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)			
3,321,100	М3	TION BORROW EXCAVATION	911	M3	SUBDRAIN EXCAVATION			
12	EA	EMBANKMENT SETTLEMENT GAUGES	456	M3	SUBDRAIN FINE AGGREGATE			
14,730	M3	DRAINAGE DITCH EXCAVATION	1,100	M	150MM PERFORATED SUBDRAIN PIPE			
400	М	BERM DITCH CONSTRUCTION	110	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS			
32,110	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	8	EA	CONCRETE PAD FOR SUBDRAIN PIPE			
77	HR	PROOF ROLLING			OUTLET			
16,200	M3	SELECT GRANULAR MATERIAL	16	M	150MM OUTLET PIPE (SUBDRAINS)			
16,200	M2	FABRIC FOR SOIL STABILIZATION	6 2	M3 M3	ENDWALLS PIPE COLLARS			
210	M2	TEMPORARY SHORING	1	M3	PIPE PLUGS			
100	MTN	GENERIC GRADING ITEM EXCAVATION & STOCKPILING	237	EA	MASONRY DRAINAGE STRUCTURES			
		OF CONTAMINATED SOIL	72	М	MASONRY DRAINAGE STRUCTURES			
2,075	MTN	SELECT MATERIAL, CLASS II	5	EA	FRAME WITH GRATE, STD 840.22			
60	MTN	SELECT MATERIAL, CLASS *****	23	EA	FRAME WITH TWO GRATES, STD 840.16			
2.050	MTN	(VI) FOUNDATION CONDITIONING MATE-	49	EA	FRAME WITH TWO GRATES, STD			
2,930	IVITIN	RIAL, MINOR STRS			840.20			
121.2	М	375MM SIDE DRAIN PIPE	84	EA	FRAME WITH TWO GRATES, STD			
190.8	М	****MM RC PIPE CULVERTS, CLASS *****	16	EA	840.22 FRAME WITH GRATE & HOOD, STD			
		(900MM, V)	10	Lit	840.03, TYPE **			
3.6	М	300MM RC PIPE CULVERTS, CLASS		-	(E)			
		III	27	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			
46.8	М	1200MM RC PIPE CULVERTS, CLASS III			(F)			
78	м	****MM RC PIPE CULVERTS, CLASS	25	EA	FRAME WITH GRATE & HOOD, STD			
		IV			840.03, TYPE ** (G)			
		(600MM)	5	EA	FRAME WITH COVER, STD 840.54			
			11	м	*** X ***MM CONCRETE CURB			
					(225MM X 300MM)			

Lung Sun M. 4000000000000000000000000000000000000						Р
1.1.16 4 448MA CONCRETE CUB & GUTTER THER. 1 FT 1 ***** 2.2 A MODELLOS REPORT OF LINE Lamp Sam C 2.3 A MODELLOS REPORT OF LINE Lamp Sam C 3.4 A CONNETTE STRESSAND SUTTER Lamp Sam C 3.4 A CONNETTE STRESSAND SUTTER Lamp Sam Lamp Sam C 3.4 A CONNETTE STRESSAND SUTTER Lamp Sam Lamp Sam C 4.4 A CONNETTE STRESSAND SUTTER Lamp Sam Lamp Sam C 4.4 A CONNETTE STRESSAND Lamp Sam Lamp Sam C 4.4 A CONNETTE STRESSAND Lamp Sam Lamp Sam C 4.4 A CONNETTE STRESSAND Lamp Sam Lamp Sam C 4.4 A Strength Sam Stressand Lamp Sam Lamp Sam Sam Stressand 4.4 Marker KARDARDARL Lamp Sam Lamp Sam Sam Stressand Sam Stressand 5.5 Stressand Sam Stressand Sam Stressand Sam Stressand 6.4 A Sam Stressand Sam Stressand Sam Stressand 7.4 A Sam Stressand Sam Stressand Sam Stressand				Lump Sum	LS	TURE AT STA *****
Line M SOULDER ENG OFFER Lump Sum Las Sum Sum Conserts C	-			Lump Sum	LS	TURE AT STA ******
2:5:6 M CONCENT DEFINITE CORREST VAR OUTTRE (H1-000-BF1BD2) 3: E.C. CONCENT DEFINITE CORREST DEVIDENCY (H1-000-BF1BD2) 4: M SAMO CONCENT DEVIDENCY (H1-000-BF1BD2) 5: M STELL IN CONCENT DEVIDENCY (H1-000-CONCENT DEVIDENCY 5: M STELL IN CONCENT DEVIDENCY (H1-000-CONCENT DEVIDENCY 6: M STELL IN CONCENT DEVIDENCY (H1-000-CONCENT DEVIDENCY 7: SA MACE ATTENLINGE LONG DEVIDENCY (H1-000-CONCENT DEVIDENCY 7: SA MACE ATTENLINGE LONG DEVIDENCY (H1-000-CONCENT DEVIDENCY 6: SA SIGE DEVIDENCY (H1-000-CONCENT DEVIDENCY 7: SA SIGE DEVIDENCY (H1-000-CONCENT DEVIDENCY 6: SA SIGE DEVIDENCY (H1-000-CONCENT DEVIDENCY 7: SA SIGE DEVIDENCY (H1-000-CONCENT DEVIDENCY 7: SA	1,240	М	SHOULDER BERM GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-
2 5.0 CONCRETS WIRELECTAIR RAMES LumpSum 1.5 SUPPORTS, OVERLAD SUBSTRUC- (1413) 04.1 4.00 M2 BRIMO CONCRETS BLANDS COVERS [1413] 04.1 SUPPORTS, OVERLAD SUBSTRUC- (1413) 04.1 1.00 M PRECAST REINFORCED CONCRETE LumpSum [15] SUPPORTS, OVERLAD SUBSTRUC- TURE, AT SUPPORTS, OVERLAD SUB SUBSTRUC- TURE, AT SUPPORTS, OVERLAD SUBSTRUC- TURE, AT SUPPORT						
In No.00 NO.000 CONCERTE BUNEWAY THE AT S1. 4.00 M.D. SUMM CONCERTE BUNEWAY THE AT S1. 4.00 M.D. DEMON CONCERTE BUNE OVCIDE Lump Sum IS SUPPORTS, CVERTIAD SUM PICTOR 5.00 M.D. EXAM MODICITIE CONCERTE BUNEWAY Lump Sum IS SUPPORTS, CVERTIAD SUM PICTOR 7.01.00 M.D. EXAM MODICITIE CONCERTE BUNEWAY Lump Sum IS SUPPORTS, CVERTIAD SUM PICTOR 7.01.00 M.D. M.D. M.D. M.D. M.D. M.D. 7.01.00 M.D. M.D. M.D. M.D. M.D. M.D. M.D. 7.01.00 M.D. M.D. M.				Lump Sum	LS	
4.40 MD DOMMA CONCECT IS LAND COVERED Lump Sum 1.5 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE 1.50 M RERAST RELEVORCED CONCERTE Lump Sum 1.5 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE 2.5 DE MERAST RELEVORCED CONCERTE Lump Sum 1.5 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE 3.6 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE Lump Sum 1.5 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE 4.7 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE Lump Sum 1.5 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE 5.8 SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE Lump Sum SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE SUPPORTS, OVEREEAD SUD STRUC- TIZE AT STATE 4.6 AT STATE AT STATE Lump Sum SUPPORTS SUPPORTS SUPPORTS 5.8 SUPPORTS, OVEREEAD SUD SUD SUD SUD SUD SUD SUD SUD SUD SU	16	M2	150MM CONCRETE DRIVEWAY			
LANDS SUBPACE MOUNTED (a) (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c				Lump Sum	LS	· · · · · · · · · · · · · · · · · · ·
Interact Elements of the Elem	4,110	M2				TURE AT STA ******
IDEALERS INSIGLE ACCED IDEAL ATTACKATER UNIT, TYPE (5:4:4:0:1-) 7:941-26 MORTA ATTACKATER UNIT, TYPE (5:4:4:0:1-) 6:4:7 MISTEL ING GLARDRAIL Lamp Sum IS 6:4:7 MISTEL ING GLARDRAIL TEMINAL (6:4:4:0:1-) 6:4:7 MISTEL ING GLARDRAIL TEMINAL (6:4:4:0:1-) 6:7 MISTEL ING GLARDRAIL TEMINAL (6:4:4:0:1-) 6:8:8:8:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:	1,500	М	· · · · · · · · · · · · · · · · · · ·	Lumn Sum	IS	· · · · · · · · · · · · · · · · · · ·
7:543.0 M STEEL IM GUARDRAIL Imp Sum Imp Sum<			BARRIER, SINGLE FACED IMPACT ATTENUATOR UNIT, TYPE	Dump Sum	25	TURE AT STA ******
64.7 M STREE LM GUARDRART, SIGP Lump South S 1000000000000000000000000000000000000	5 5 40 00			Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-
CURVEDLamp Sum15SUPPORTS, OVERERED IN STRUC- TUEL AND ALL REAMPART.6AAAA7FAAASUPPORTS, OVERERED IN STRUC- TUEL AND ALL REAMPART.4E.A7FAAASUPPORTS, OVERERED IN STRUC- TUEL AND ALL REAMPART.7E.ASUPPORTS, OVERERED IN TUE F7FAAASUPPORTS, OVERERED IN TUE F7E.ASUPPORTS, OVERERED IN TUE F7FAASUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE F7FAASUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE FFASUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE FSUPPORTS, OVERED IN TUE FSUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE F7FASUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE FSUPPORTS, OVERERED IN TUE F </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Bar SECTIONS GRAFT LOS - Comparison GRAFT LOS - Comparison 29 EA GLARDALL ANCING LUNTS, TYPE 7 FA SIGN FRACTION, TYPE F. 31 EA GLARDALL ANCING LUNTS, TYPE 7 FA SIGN FRACTION, TYPE F. 32 EA GLARDALL ANCING LUNTS, TYPE 7 FA SIGN FRACTION, TYPE F. 36 MARCING LUNTS, TYPE 7 SIGN FRACTION, TYPE F. 7 1600 M SIGN FRACTION, TYPE F. 7 SIGN FRACTION, TYPE F. 7 1600 M REMOVE EXISTING GLARBARLI, CONSTR. 2 EA SIGN FRACTION, TYPE F. 7 1600 M REMOVE EXISTING GLARBARLI, CONSTR. 2 EA SIGN FRACTION, TYPE F. 7 161 EA SIGN FRACTION, TYPE F. 7 SIGN FRACTION, TYPE F. 7 17 EA SIGN FRACTION, TYPE F. 7 SIGN FRACTION, TYPE F. 7 18 EA SIGN FRACTION, TYPE F. 7 SIGN FRACTION, TYPE F. 7 19 EA SIGN				Lump Sum	LS	
60 EA ADDITIONAL CILARDRALL PORTS 4 EA SUM BELCTION, TYPE ID 25 EA GUARDRALL ANCHOR LINTS, TYPE 6 EA SUM BELCTION, TYPE ID 31 EA GUARDRAL ANCHOR LINTS, TYPE 6 EA SUM BELCTION, TYPE ID 31 EA GUARDRAL ANCHOR LINTS, TYPE 7 EA SUM BELCTION, TYPE ID 30 EA GUARDRAL ANCHOR LINTS, TYPE 7 EA SUM BELCTION, TYPE ID 30 EA GUARDRAL ANCHOR LINTS, TYPE 7 EA SUM BELCTION, TYPE ID 30 EA GUARDRAL ANCHOR LINTS, TYPE 7 EA SUM BELCTION, TYPE ID 4 FA SUM BELCTION, TYPE ID 7 SUM TYPE ID 7 4 FA SUM BELCTION, TYPE ID 7 SUM TYPE ID 7 5 A SUM TYPE ID 7 SUM TYPE ID 7 6 FA SUM TYPE ID 7 SUM TYPE ID 7 7 FA SUM TYPE ID 7 SUM TYPE ID 7 7 FA SUM TYPE ID 7 SUM TYPE ID 7 7 FA SUM TYPE ID 7 SUM TYPE ID 7 7 FA SUM TYPE ID	4	EA				
29 E.A GUARDALLANCIOR UNITS, TYPE 9 E.A SIGN ERECTION, TYPE F 33 E.A GUARDALLANCIOR UNITS, TYPE 35 E.A SIGN ERECTION, TYPE F************************************	60	EA		4	EA	
33 E.A. GUARDARLANCHOR UNITS, TYPE 32 E.A. SUCK RESCUER UNITS, TYPE 11 E.A. GUARDARLANCHOR UNITS, TYPE 00 15 E.A. GUARDARLANCHOR UNITS, TYPE 00 16.00 M. REMOVE EXISTING GUARDARLE 25 16.00 M. REMOVE EXISTING GUARDARLE 26 17.00 M. REMOVE EXISTING GUARDARLE 26 17.00 M. REMOVE EXISTING GUARDARLE 26 17.01 ALL CALLS CUIDERAIL ANCING UNITS 2. 17.02 M. REMOVE EXISTING GUARDARLE 2. 17.03 E.A. SUCK RECTION, TYPE *** (COLUND MOUNTED) 17.03 E.A. SUCK RECTION, TYPE *** (COLUND MOUNTED) 17.04 M. WORL COLUND MOUNTED 17.05 E.A. SUCK RECTION, TYPE *** (COLUND MOUNTED) 17.05 E.A. SUCK RECTION, TYPE *** (COLUND MOUNTED) 17.06 M. WORL MULL REPORT 17.07 E.A. SUCK RECTION, TYPE *** (COLUND MOUNTED) 17.08 E.A. SUCK RECTION, TYPE *** (COLUND MOUNTED) 17.09 E.A. SUCK RECTION, TYPE ***				79	EA	SIGN ERECTION, TYPE E
390 HEAD) HEAD) 11 E. GUARDARI, ANCHOR UNITS, TYPE 7 E. B. BRADERICION, TYPE *** (OVER- HEAD BELOR INTO, TYPE **** (OVER- HEAD BELOR INTO, TYPE ************************************						
11 EA GUARDAL ANCHOR UNITS, TYPE CA SION RECETION, TYPE *** (OVER- HDA) 100 M OULARDAL ANCHOR UNITS, TYPE EA SION RECETION, TYPE *** (OVER- HDA) 100 M OUDESE FACED CARLE GUTBERALL Z EA SION RECETION, TYPE *** (GROUND MOUNTED) 100 M OUDESE FACED CARLE GUTBERALL Z FA SION RECETION, TYPE *** (GROUND MOUNTED) 1133 EA IOMAN ITABER FENCE POSTS, 2304 LOW Z FA SION RECETION, TYPE *** (GROUND MOUNTED) 1139 EA IOMAN ITABER FENCE POSTS, 2304 LOW Z FA SION RECETION, TYPE *** (GROUND MOUNTED) 11306 EA IOMAN ITABER FENCE POSTS, 2004 LOW Z FA SION RECETION, TYPE *** (GROUND MOUNTED) 11306 EA IOMAN ITABER FENCE POSTS, 2004 M Z FA SION RECETION, TYPE *** (GROUND MOUNTED) 11306 EA IOMAN ITABER FENCE POSTS, 2004 M Z FA FA 11306 EA IOMAN ITABER FENCE POSTS, 2004 M Z FA FA 11306 EA IOMAN ITABER FENCE POSTS, 2004 M	33	EA		33	EA	
9 FA GUARDAL ANCHOR UNITS, TYPE HEAD 1600 M RIMOVE EXISTING GUARDALL 26 FA SIGN REFCION, TYPE *** 2700 M DOULLE FACE CALLS (GUDERALL 26 FA SIGN REFCION, TYPE *** 171 FA CABLE GUDERALL ANCHOR UNITS 2 FA SIGN REFCION, TYPE *** 1739 FA CORE CALLS (GUDERALL ANCHOR UNITS 2 FA SIGN REFCION, TYPE *** 1739 FA SIGN REFCION, TYPE *** GIGORD MOUNTPD GIGORD MOUNTPD 1739 FA SIGN REFCION, TYPE *** GIGORD MOUNTPD 1739 FA METALLINK FINCE, ***MM GIGORD MOUNTPD 1739 FA METAL TREMINL FORTS FOR *** HEAL 1739 FA METAL TREMINL FORTS FOR *** HEAL 1740 METAL TREMINL FORTS FOR **** HEAL FA 1740 METAL TREMINL FORTS FOR **** HEAL FA 1741 FA METAL TREMINL FORTS FOR **** HEAL 1754 METAL TREMINL FORTS FOR ****	11	EA	GUARDRAIL ANCHOR UNITS, TYPE	7	EA	(A)
1.60MDENOME EXISTING GLARDRAIL DEVISED EXISTING GLARDRAIL (A)26FASIGN RECTOR, TYPE *** (A)14EACABLE GUIDERALL ANCHOR UNITS RC2EASIGN RECTOR, TYPE *** (A)1.39EACABLE GUIDERALL ANCHOR UNITS RC2EASIGN RECTOR, TYPE *** (B)1.39EASIGN RECTOR, MILBAARKERS 2.300 LINK3EASIGN RECTOR, MILBAARKERS 2.300 LINK1.39EASIGN RECTOR, MILBAARKERS 2.300 LINK3EASIGN RECTOR, MILBAARKERS 2.300 LINK5.140MCHANLINK FENCE, ***MM (GIOMM)1EASTICKFIEL SIGN, AO BE (GROUND MORE ZONE SIGN SIGN AO BE (GROUND SIGN AO SIGN AO BE (GROUND SIGN AO SIGN AO A BE (GROUND SIGN AO SIGN AO SIGN AO SIGN AO SIGN AO A BE (GROUND SIGN AO SIGN A	50	EA	GUARDRAIL ANCHOR UNITS, TYPE	1	EA	HEAD)
2.59 M OUCLE FACED CABLE GUIDBEALL (GRUEND MICHTED) 4 HA CARLE GUIDBEAL ANCHOOL ONTS 2 EA SUB PROCEEDIN, TYPE **** 6,760 M WOOLN WERFENCE, 1200MM FAB- RIC 2 EA SUB PROCEEDIN, TYPE *********** 1,39 EA 100M TIMER FENCE POSTS, 2.30M LONG 3 EA SUD PROSAL OF SIGN SYSTEM, U- CHANNIL SUBS, A OR B (GRUDD) 5,140 M CHAN LINE FENCE FORTS, 2.30M LONG 4 EA SUD PROSAL OF SIGN SYSTEM, U- CHANNIL SUBS, CTATONARY 1,396 EA METAL LINE POSTS FOR ****MM FABSUC 6 M2 WORK 20DE SIGNS (CPL TALE); 1,396 EA METAL LINE POSTS FOR ****MM GUIDMMD 6 M2 WORK 20DE SIGNS (CPL TALE); 1,397 EA METAL LINE POSTS FOR ****MM GUIDMMD 3 DAY CHANGALE MESSAGE SIGN (SHORT TALE); 1 EA GENERIC FENCTION ITEM 450 EA FLAGER 1 EA GENERIC FENCTION ITEM 5 EA CHANL MARK PR SAGE SIGN (SHORT TALE); 1 EA GENERIC FENCTION ITEM 550	1 600	м		26	EA	
14 EA CABLE GUIDERALL ANCIDER UNITS (A) 6,760 M NOVEN WILE FIRCE, 1200MM FAB- RIC SIGN EXECTION, TYPE *** (GROUDD MOINTED) 1,39 EA SIGN EXECTION, TYPE *** (GROUDD MOINTED) 1,30 EA SIGN EXECTION, TYPE *** (GROUDD MOINTED) 1,30 EA SIGN EXECTION, TYPE *** 1,30 EA SIGN EXECTION, TYPE *** 1,30 EA CIANILINK FENCE EA 2,100MM CIANILINK FENCE EA SIGN EXECTION, TYPE *** 2,100MM CIANILINK FENCE EA SIGN EXECTION, TYPE *** 2,200L CIANIMA ROW ROW FENCE EA CIANIMA ROW FENCE 2,200L CIANIMA ROW ROW FENCE EA CIANICAL EXECUTION TYPE *** 3,00 M ADUTIONAL BARED WIRE THE AL LINK ENCE EA 1,00 M ADUTIONAL BARED WIRE THE AL LINK ENCE EA 1,00 M ADUTIONAL BARED WIRE EA CIANED SEGN SIGN SIGN SIGN SIGN SIGN SIGN SIGN SI						(GROUND MOUNTED)
6.30 M WUTE PRACE, 2008/01 FAJ- (B) (GROUTD NUEL PENCE, 1008/01 FAJ- (B) 1.39 EA SIGN TEREFERICE OSTS, 2.30M LONG 3 EA SIGN TEREFERICE OSTS, 2.50M LONG 3 EA SIGN TEREFERICE OSTS, 2.50M LONG 1 DA WORK ZONE SIGN SIGN RARCY PARELS, TYPE C 1 EA FLASH ALL PASTS PARELS 1 DA WORK ZONE SIGN RARCY PARELS, TYPE C 1 EA FLASH ALL PASTS PARELS 1 DA DA CLASK ALL PASTS PARELS DA DA CLASK ALL PASTS PARELS DA CLASK ALL PASTS PA DA CLASK ALL PA				2	E A	
Hat (B) 1.39 EA 2.301 CMI TIMBER FENCE POSTS, 220M LOW 2.301 CHANNEL 3.10 EA 2.301 CMI TIMBER FENCE POSTS, 220M LOW 2.301 CHANNEL 5.140 M CHANNEL STOCKERLES STAT, ACR & GROUND 1.39 EA 1.30 M 1.30 M 1.30 M 1.30 M 1.41 EA 1.42 EA 1.53 EA 1.54 EA 1.53 EA 1.54 EA 1.55 EA 1.55 EA 1.55 EA 1.55	6,760	М		2	EA	
23M LONG 2 24 CHANNELL CHANNELL 319 EA DESMAIT THREER FUNCE POSTS, 250M LONG 1 EA CHANNELL 5.140 M CHANNEL 1 EA STOCKLUSS, CONSTRUCT, ULL 1.996 CHANNEL NERFECT, ****MM 65 MUNTED MUNTED 1.996 EA METAL LIPE POSTS FOR ****MM 66 MUNTED 1.996 EA METAL LIPE POSTS FOR ****MM 66 MUNTED 1.996 EA METAL LIPE POSTS FOR ****MM 66 MUNTED 1.997 EA METAL LIPE POSTS FOR ****MM 65 MUNTED 1.90 M POSTS FOR ****MINAL POSTS FOR ****MINAL POSTS FOR ****MINAL POSTS FOR *****MINAL POSTS FOR ***********************************	1 202	17.4				(B)
3.19 LA LOWIN LINES CHAIN LINK FERCE, ****MM 1 EA STOCKPTE SIGN, A OR B (GROUND MCNTED) 1.396 EA MCRAIN LINK FERCE, ****MM 65 M2 WORK ZONE SIGN, (GRATADLE) 1.396 EA METAL TEMMINAL POSTS FOR ****MM 65 M2 WORK ZONE SIGN, (GRATADLE) 1.396 EA METAL TEMMINAL POSTS FOR CIAIN LINK FIRNCE 10 M2 WORK ZONE SIGN, GRATADLE) 1.09 M METAL TEMMINAL POSTS FOR CIAIN LINK FIRNCE 2 EA FLANING ALKNOW PANELS, TYPE C 1.1 EA GENERIC FENCING ITEM 30 DAVE TEMON 1.1 EA GENERIC FENCING ITEM 450 EA COMINS 1.6 GENERIC FENCING ITEM 100 M ADDITIONAL ARABED WIRE TEMON 1.600 MTN RP RAP, CLASS I 200 MD FLAGGER FLAGGER 1.6300 MTR RP RAP, CLASS I 200 MD FLAGGER FLAGGER 1.640 MTR RAP, CLASS I 200 MD FLAGGER FLAGGER 1.630 MT RPRAP, CLASS I 200 MD FLAGGER 1.641 RPR AP, CLASS I 200 MD FLAGGER FLAGGER 1.633 <td>1,393</td> <td>EA</td> <td></td> <td></td> <td></td> <td></td>	1,393	EA				
5.440 Image: Clash LINK FENCE, ****MM 1 EA FOR CALL DESCRIPTION OF CLASH CONTROL 1.396 CHAIN LINK FENCE 46 M2 WORK ZONE SIGNS (FOR TABLE) 1.396 EA METAL LINE FORTS FOR ******* 10 M2 WORK ZONE SIGNS (FOR TABLE) 1.396 EA METAL LINE FORTS FOR ******* 10 M2 WORK ZONE SIGNS (FOR TABLE) 1.397 EA METAL LINE FORTS FOR ******* 4 EA CHANGEABLE MESSAGE SIGN 1.396 EA METAL LINE FORTS FOR ******* 4 CHANGEABLE MESSAGE SIGN (SHORT TERM) 1.300 M1 ADDITIONAL BARBED WIRE TERM) 450 EA CHANGEABLE MESSAGE SIGN (SHORT TERM) 1.500 M1 RE RAP, CLASS I 137 M BARRACADES (TYPE III) 1.500 M1 RE RAP, CLASS I 200 M2 FLAGGER 1.6,309 M2 FLAGGER 200 M0 FLAGGER 1.6,301 M2 FRINDROED CONCRETE SIGN FORUN- 300 M0 REST PORTABLE CONCRETE BARE 1.6,304 K3 SUPPORTS, SAGS STELL UCHANNEL 2 A TMA 1.6,305 K4 SUPPORTS, SAGS STELL UCHANNEL CHARCERS (FTRED) M1 1.6,410 SUPPORTS, SAGS S	319	EA		3	EA	
FABRIC (2100MA)46M2WORK ZONE SIGNS (STATIONARY)1.396EAMETAL TERMINAL POSTS FOR ****MM65M2WORK ZONE SIGNS (STATIONARY)2EAMETAL TERMINAL POSTS FOR ****MM6M2WORK ZONE SIGNS (RACLADE (DAINTED)10MMETAL TERMINAL POSTS FOR ************************************				1	EA	
1.396 E.M. ETALL INF. BOTST FOR ****MM 64 M.Z. WORK ZORE SIGNS (PARICADE WORK ZORE SIGNS (PARICADE MOUNTED) 2:2 E.M. METALL INF. BOTST FOR *****MM 10 M.Z. WORK ZORE SIGNS (PARICADE MOUNTED) 3:2 E.M. METALL TERMINAL POSTS FOR ****MC ITAL TERMINAL POSTS FOR ****MC ITAL TERMINAL POSTS FOR ****MC ITAL TERMINAL POSTS FOR ****MC ITAL TERMINAL ENCE (2100MM) 2 E.A. E.A. ELASHING ARROW PANELS, TYPE C 1:1 E.A. MADITIONAL BARBED WIRE GATE, ITAMO MIGH, 2000MM OPENING 30 DAY CHANGRABLE MESSAGE SIGN (SHORT TERM) 1:6 M.D. RIP AAP, CLASS I 20 DAN CHANGRABLE MESSAGE SIGN (SHORT TERM) 1:6:0 MIT RIP AAP, CLASS I 200 DAN FLARE ABARCHORD RAINGE 1:6:0 MIT RIP AAP, CLASS I 200 M PLITER PARABLE CONDRAINAGE 2 1:6:0 MIT RIP ARP, CLASS I 000 M PORTABLE CONCRETE BARRIER REF TAMORABLY CRASH CURD RAINGE 1:6:4 M RIENFORCE CONCRETE SIGN FOUN- DATONS 64 HR POLICE 2:0:4 M RIENE REFORMED FOOTING 75 EA SUPPORTS, SACE STEEL DEAM 3:4 KO SUPPORTS, SACE STEEL LICHANNEL 700 M RIER 4:5 SUPPORTS, SACE STEEL	5,140	м				
LineLi			(2100MM)			
20100000MOUNTED)MOUNTED)32EAMETAL TREMINAL POSTS FOR ****MM CHAIN LINK FENCE (2100MM)4EAFLASHING ARROW PANELS, TYPE C100MADDITIONAL BARBED WIREBAXCHANGEABLE MESSAGE SIGN (SHORT TERM)11EAGENERIC FRENCING ITEM (37.5450EAPRUNS2600MM OPENING 31.500TSCONSACONS2600MM OPENING 31.500TSMBARRICADES (TYPE II)15.00MIN RIP RAP, CLASS I200MDFLAGGER TEMO/ARY CRASH CUSHIONS15.300M2FLILTER FABRIC FOR DRAINAGE2EA15.300M2FLILTER FABRIC FOR DRAINAGE2EA16M3REINFORCED CONCRETE SIGN FOUN- DATIONS300MREEET PORTABLE CONCRETE BAR REF16M3REINFORCED CONCRETE SIGN FOUN- DATIONS8EATEMPORAL CONCRETE BAR REF18M3OVERIFEAD FOOTING6HRPOILICE19.433KGSUPPORTS, SREAKAWAY STEEL BEAM75EASKINNY DRUM19.543KGSUPPORTS, SAG STEEL U-CHANN EL7.310MTHERMOPLASTIC PAVEMENT MARKING LINES (IOMMA 21MM)19.554SUPPORTS, SAG STEEL U-CHANNEL7.310MTHERMOPLASTIC PAVEMENT MARKING LINES (IOMMA 21MM)19.555SUPPORTS, SAG STEEL U-CHANNEL7.310MTHERMOPLASTIC PAVEMENT MARKING LINES (IOMMA 21MM)19.555SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******2.30MTHERMOPLASTIC PAVEMENT MAR	1,396	EA				
100 M CHAIN LIAN KIENCE 4 E.A CHANGEABLE MESSAGE SIGN (SHORT TERM (2100M) 100 M ADDITIONAL BARBED WIRE 50 DAY CHANGEABLE MESSAGE SIGN (SHORT TERM (37.5 CA)) 101 EA GENERIC FIRENCING ITEM (37.5 CA)) EA CONES 26500M OPENING 75 EA CONES 26500M OPENING 75 EA CONES 26500M OPENING 75 EA CONES 16530 MIN< RIP RAP, CLASS I						
100 30 21X CHANCEABLE MESSAGE SIGN (SHORT TERM) 100 M ADDITIONAL BARBED WIRE TERM) 11 EA GENERIC FENCING ITEM (SATE, 2100M HIGH, 28000MA OPENING 15 EA DRUMS 855 MIN RIP RAP, CLASS I 200 M PARRICADES (TYPE III) 1630 MIN RIP RAP, CLASS I 200 M PARRICADES (TYPE III) 1630 MIN RIP RAP, CLASS I 200 M PARRICADES (TYPE III) 1630 MIN RIP RAP, CLASS I 200 M PORTABLE CONCRETE BARRIER 1630 MIN RIP RAP, CLASS I 200 M PORTABLE CONCRETE BARRIER 164 M3 RIPHORCED CONCRETE SIGN FOUN- DATIONS 300 M RESET PORTABLE CONCRETE BARRIER 204 M3 OLEPORTS, SMFLE STEEL BEAM 58 EA TUBULAR MARKERS (FIKED) 301 M SUPPORTS, SMFLE STEEL BEAM 58 A TUBULAR MARKERS (FIKED) 433 SUPPORTS, SMFLE STEEL BEAM 52 A TUBULAR TAPAPELED FORTINAL MAR	52	EA				-
100MADDITIONAL BARBED WIRE1.00TERM)1EAGENERIC TENCING ITEM450EADRUMS6.4GENERIC FORCING ITEM450EADRUMS2.600MM OPENING137MBARRICADES (TYPE III)1.500MTNRIP RAP, CLASS I137MBARRICADES (TYPE III)1.500MTNRIP RAP, CLASS I137MBARRICADES (TYPE III)1.630MTRIP RAP, CLASS I137MBARRICADES (TYPE III)1.630MTRIP RAP, CLASS I140MPORTABLE CONCRETE BARRIER1.630MTRIP RAP, CLASS I140MPORTABLE CONCRETE BARRIER1.630MTRIPRAPA (TASE) PORTABLE CONCRETE BARRIER900MPORTABLE CONCRETE BARRIER1.64MSUPPORTS, REPARAWAY STEEL BEAM56EATEMPORARY RASED PAVEMENT1.633MSUPPORTS, SIMPLE STEEL UCHANNEL7,310MTHEMORIART PAVEMENT1.633MSUPPORTS, OVERTIEAD SIGN STRUC- TURE AT STA ******21,520H1,11EMORIART PAVEMENT MARKING LINES (100MM, 13MM)1.440SUPPORTS, OVERTIEAD SIGN STRUC- TURE AT STA ******21,520M1,11EMORIART PAVEMENT MARKING LINES (100MM, 13MM)1.441SUPPORTS, OVERTIEAD SIGN STRUC- TURE AT STA ******21,440MTHEMORIART PAVEMENT MARKING LINES (100MM, 13MM)1.441SUPPORTS, OVERTIEAD SIGN STRUC- TURE AT STA ******100MTHEMORIART PAVEMENT MARKING LINES (100MM, 13MM)1.441SUPPORTS,						
GATE, 2100MM HIGH, 26800MM OPENING75EACONES865MTNRIP RAP, CLASS I00MDBARRICADES (TYPE III)1.500MTNRIP RAP, CLASS BCLASS B20MDPLAGGER1.6,300M2FILTER PABRIC POR DAINAGE2EAEATEMPORARY CRASH CUSHIONS1.6,300M2FILTER PABRIC POR DAINAGE2EAMTAMA1.6,300M2FILTER PABRIC POR DAINAGE2EAMA1.6M3REINFORCED CONCRETE SIGN FOUN- DATIONSMRESET PORTABLE CONCRETE BARRIER REER2.64M3OVERITEAD FOOTING7EASINNY DRUM2.64SUPPORTS, SIRPLAK AWAY STEEL BEAM8EATUBUCAR MARKERS (FXED)3.63SUPPORTS, SIRPLE STEEL BEAM8EATUBUCAR MARKERS (FXED)4.63SUPPORTS, SINPLE STEEL BEAM8EATUBURAR MARKERS (FXED)6.13MSUPPORTS, 4.5-KG STEEL U-CHANNEL7.10MHIERMOPLASTIC PAVEMENT MARKERS6.13SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *******7.10MHIERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)1.10mp Sum (12440.00 - LP2)-LSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ********************************	100	М		50	DAI	
26800MM OPENING197MBARRICADES (TYPE III)1.500MTNRIP RAP, CLASS I200MDFLAGGER1.500MTNRIP RAP, CLASS B200MDFLAGGER16.500M2FILTER FABRIC FOR DRAINAGE2EATMA6EAPREFORMED SCOUR HOLES WITH0MDPORTABLE CONCRETE BARRIER16M3REINFORCED CONCRETE SIGN FOUN- DATIONS0MRESET PORTABLE CONCRETE BARRIER RIER204M3OVERHEAD FOOTING64HRPOILCE5.433KGSUPPORTS, SUPPORTS, SIGNE STEEL BEAM85EATUBULAR MARKERS (FIXED)1.825KGSUPPORTS, 4.5-KG STEEL U-CHANNEL7.10MTHERMOPLASTIC PAVEMENT MARKING LINES (100MU, 2.3MM)1.835KGSUPPORTS, VERHEAD SIGN STRUC- TURE AT STATEMENT STATEMENT STATEMENT STATE TURE AT STATEMENT STATEMENT STATEMENT STATEMENT (12+040) - 12D)6,161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MU, 2.3MM)1.400Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STATEMENT TURE AT STA	1	EA		450	EA	DRUMS
865 MTN RIP RAP, CLASS I 13 M BARRUADES (1YPE III) 1,500 MTN RIP RAP, CLASS B 4 EA TEMPORARY CRASH CUSHIONS 16,300 MD FLAGGER 2 EA TEMPORARY CRASH CUSHIONS 16,300 MD PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON 900 M PORTABLE CONCRETE BARRIER 16 MD REINFORCED CONCRETE SIGN FOUN- DATIONS 0 M RESET PORTABLE CONCRETE BARRIER 204 MD OVERIEAD FOOTING 7 EA SKINNY DRUM 5.043 KG SUPPORTS, SIRPLE STEEL BEAM 75 EA SKINNY DRUM 1.825 KG SUPPORTS, SIMPLE STEEL BEAM 8 EA TUBORARY RAISED PAVEMENT 613 M SUPPORTS, A-SKG STEEL U-CHANNEL 7,310 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******* 6,161 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******** 10 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******** 10 M THERMOPLASTIC PAVEMENT MARKING LINES						
1.530 MTN RIP RAP, CLASS B 4 EA TEMPORARY CRASH CUSHIONS 16.390 WI FILTER FARRIC FOR DRAINAGE 2 EA TIMIA 6 EA PREFORMED SCOUR HOLES WITH 90 M PORTABLE CONCRETE BARRIER 16 MS REINFORCED CONCRETE SIGN FOUN- LEVEL SYREADER APRON 90 M PRESCT FORTABLE CONCRETE BAR- RIER 204 MS OVERHEAD FOOTING 64 HR POLICE 5.043 KG SUPPORTS, SMELE STELE BEAM 85 EA TUBULAR MARKERS (FIXED) 1.825 KG SUPPORTS, SMELE STELE BEAM 85 EA TUBUCAR MARKERS (FIXED) 3 EA SUPPORTS, SAG STEEL U-CHANNEL 7.310 M THERMORLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 6.161 M THERMORLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 1.00 M THERMORLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 1.00 M THERM	865	MTN				
16.309 M2 FILTER FABRIC FOR DRAINAGE 2 EA TMIA 6 EA PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON 90 M PORTABLE CONCRETE BARRER RIER 16 M3 REINFORCED CONCRETE SIGN FOUN- DATIONS 300 M RESET PORTABLE CONCRETE BAR- RIER 204 M3 OVERHEAD FOOTING 64 R POLCE 3.04 SUPPORTS, SIMPLE STEEL BEAM 75 EA SULINA MARKERS (FPED) 1.825 KG SUPPORTS, 3.4KG STEEL U-CHANNE 7310 M THERMOPLASTIC PAVEMENT 613 M SUPPORTS, OVERHEAD SIGN STRUC- TUBE AT STA ****** 7310 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TUBE AT STA ****** 7450 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TUBE AT STA ****** 4631 M THERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TUBE AT STA ****** 4631 M THEEMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM) 1.ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC-	1,500	MTN	RIP RAP, CLASS B			
Level SPREADER APRON300MPOR TABLE CONCRETE BAR- REF16M3REINFORCED CONCRETE SIGN FOUN- DATIONS64MRESET PORTABLE CONCRETE BAR- REF204M3OVERHEAD FOOTING64HPOLICE204M3OVERHEAD FOOTING64HPOLICE204M3OVERHEAD FOOTING75EASKINNY DRUM1,822KGSUPPORTS, BREAKAWAY STEEL BEAM85EATUBULAR MARKERS (FIXED)1,823KGSUPPORTS, SAG STEEL U-CHANN7310MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)3EASUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12*40.00 -LP2-)6,161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)1Lump Sum (12*3.7.3 -LP2-)15SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12*40.00 -LP2-)6,611MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)1Lump Sum (12*40.00 -LP2-)15SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14*40.00 -2*2)2100MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM)1SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14*40.00 -2*2)250MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 3.1MM)1SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14*40.00 -2*2)250MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 3.1MM)1SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14*40.00 -2*2)250MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM,						
16 M3 REINFORCED CONCRETE SIGN FOUN- DATIONS 300 M RESIGN FOURT ABLE CONCRETE BAR- REIR 204 M3 OVERHEAD FOOTING 64 HR POLICE 5,043 KG SUPPORTS, SIMPLE STELE BEAM 63 EA SUPPORTS, SIMPLE STELE BEAM 613 M SUPPORTS, SALEAKAWAY STEEL BEAM 63 EA TUBULAR MARKERS (FIXED) 613 M SUPPORTS, SALES TELL U-CHANNEL 7,310 M THERMOPLASTIC PAVEMENT MARKING LINES (100ML 3.3MM) 1 Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 6,161 M THERMOPLASTIC PAVEMENT MARKING LINES (100ML 3.3MM) 1 Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,631 M M 1 Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,631 M M 1 Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 100 M M THERMOPLASTIC PAVEMENT MARKING LINES (100ML 3.3MM) 1 Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 100 M THERMOPLASTIC PAVEMENT MARKING LINES (100ML 3.3MM) 1 Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 100 M <t< td=""><td>6</td><td>EA</td><td></td><td></td><td></td><td></td></t<>	6	EA				
204MAILONS64HRPOLICE204WOVERREAD FOOTING75EASKINNY DRUM5,043KGSUPPORTS, SIMPLE STEEL BEAM75EASKINNY DRUM1,825KGSUPPORTS, SAPLE STEEL UCHANN59EATEMPORARY RAISED PAVEMENT613MSUPPORTS, SAKG STEEL UCHANNEL7,310MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.06 -LP2D-)6,161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******6,616MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******100MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******100MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******250MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 3.1MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******255MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 3.1MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******255,560MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 3.1MM)1Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC	16	M3	REINFORCED CONCRETE SIGN FOUN-	300	М	
5,043KGSUPPORTS, BREAKAWAY STEEL BEAM75EASKINY DRUM1,825KGSUPPORTS, SIMPLE STEEL BEAM85EATUBULAR MARKERS (FXED)613MSUPPORTS, SJ-KG STEEL U-CHANNE590EATEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM)3EASUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12440.00 -LP2D-)7,310MTHERMOPLASTIC PAVEMENT MARKING 				64	HR	
1,825KGSUPPORTS, SIMPLE STEEL BEAM85EATUBULAR MARKERS (HXED)613MSUPPORTS, STEEL U-CHANNE500EATEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM)3EASUPPORTS, SAG STEEL U-CHANNEL7.310MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00 - L2D-)6.161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+43.07 - L2P-)27,520MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 - L2P-)4.631MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 - L2P-)3.140MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-)250MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+0.00 -FLYOVER-)255.60MTHERMOPLASTIC PAVEMENT MARKING LINES (00MM, 3.1MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)235EATHERMOPLASTIC PAVEMENT MARKING LINES (00MM)1ump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)235MPAINT				75	EA	SKINNY DRUM
613MSUPPORTS, 4.5-KG STEEL U-CHANN EL590EATHEMORARY RAISED PAVEMENT MARKERS3EASUPPORTS, 3-KG STEEL U-CHANNEL7,310MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA****** (12+04.00 - LP2D-)6,161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA****** (12+40.00 - LP2)-)27,520MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 - LPB-)100MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 - Y2-)100MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+40.00 - Y2-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (500MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+40.00 - Y2-)250MTHERMOPLASTIC PAVEMENT MARKING LINES (500MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+40.00 - Y2-)250MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+40.00 - Y2-)1,200MPAINT PAVEMENT MARKING LINES (100MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23						` ,
L7,310MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- (12+40.400-LP2D-)6,161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- (12+32.73-LP2B-)27,520MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-)4,631MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LPB-)100MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00-Y2-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00-FLYOVER-)8EATHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00-FLYOVER-)8EATHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00-Y1-)55.60MPAINT PAVEMENT MARKING SYMBOL (2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00-Y1-)55.60MPAINT PAVEMENT MARKING LINES (600MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00-Y1-)MPAINT PAVEMENT			-	590	EA	
3 EA SUPPORTS, SARG STEEL UCHANNEL LINES (100MM, 2.3MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 6,161 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 12mp Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 27,520 M THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM) 12mp Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,631 M THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM) 12ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 100 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 12ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 100 M THERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM) 12ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 250 M THERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM) 12ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 8 EA THERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM) 12ump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 8 EA THERMOPLASTIC PAVEMENT MARKING LINES (000MM) 12ump Sum LS SU				7,310	М	
TURE AT STA ******5,161MTHERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******27,520MTHERMOPLASTIC PAVEMENT MARKING LINES (150MA, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******4,631MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******100MTHERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******8EATHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******8EATHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******1200MPAINT PAVEMENT MARKING LINES (100MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******1200MPAINT PAVEMENT MARKING LINES (100MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******1200MPAINT PAVEMENT MARKING LINES (600MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******1						
Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73 -LP2B-)27,520MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 *LP3C)100MTHERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 *LP3C)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 *L92)250MTHERMOPLASTIC PAVEMENT MARKING LINES (000MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 *L92)8EATHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 *L92)8EATHERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 *Y1-)55,560MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 *1-)140MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 *1-)4,696MPOLYURE PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 *Y1-)3,375MREMOVAL OF PAVEMENT MARKING LINES (100MM)	- mup built	~~~	TURE AT STA ******	6,161	м	
TURE AT STA ****** (12+32.73 - L22B-)LINES (150MM, 2.5MM) (12+32.73 - L22B-)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 - LPB-)100MTHERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (500MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-)8EATHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-)8EATHERMOPLASTIC PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)55,560MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (21+40.00 -Y1-)1,200MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (21+40.00 -Y1-)140MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)3,375MREMOVAL OP PAVEMENT MARKING LINES (100MM)	Turn Com	TC	, ,	27,520	М	THERMOPLASTIC PAVEMENT MARKING
Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LPB-)LINES (150MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVEL-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVEL-)8EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2-)235EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)55,560MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)140MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-)4,696MPOLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)3,375MREMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	1.0		4 (2)		
TURE AT STA ****** (12+40.00 -LPB-)100MTHERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVEL-)250MTHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVEL-)8EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2-)235EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)1,200MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-)140MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)4,696MPOLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)3,375MREMOVAL OF PAVEMENT MARKING LINES (100MM)	T	τc		4,031	M	
Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-)3,140MTHERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-)250MTHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-)8EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2-)235EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)55,560MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-)140MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)4,696MPOLYUREA PAVEMENT MARKING LINES (150MM, *******) (HIGHLY REFLECTIVE ELEMENTS)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)3,375MREMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	LS	TURE AT STA ******	100	М	
Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-)LINES (300MM, 2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+0.00 -FLYOVER-)8EATHERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -FLYOVER-)235EATHERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2-)55,560MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-)1,200MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-)140MPAINT PAVEMENT MARKING LINES (600MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)4,696MPOLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-)3,375MREMOVAL OF PAVEMENT MARKING LINES (100MM)	T	10		3,140	м	
Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.0 -FLY0VER-)LINES (600MM, 3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2.)8EATHERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2.)235EATHERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1.)55,560MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1.)1,200MPAINT PAVEMENT MARKING LINES (200MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1.)140MPAINT PAVEMENT MARKING LINES (600MM)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1.)4,696MPOLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS)Lump SumLSSUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1.)3,375MREMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	Lo				LINES (300MM, 2.3MM)
Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 8 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 235 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 55,560 M PAINT PAVEMENT MARKING LINES (100MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 1,200 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 1,200 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 140 M PAINT PAVEMENT MARKING LINES (600MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******* 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)				250	М	
Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 235 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 235,560 M PAINT PAVEMENT MARKING LINES (100MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 1,200 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 140 M PAINT PAVEMENT MARKING LINES (600MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, ********) (100HLY REFLECTIVE ELEMENTS) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	LS		8	EA	
TURE AT STA ****** SYMBOL (2.3MM) (19+20.00 -Y2-) 55,560 M PAINT PAVEMENT MARKING LINES (100MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-) 1,200 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-) 140 M PAINT PAVEMENT MARKING LINES (600MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, *******) (HIGHLY REFLECTIVE ELEMENTS) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)			(19+00.00 -FLYOVER-)			
(19+20.00 - Y2-) 55,560 M PAINT PAVEMENT MARKING LINES (100MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (23+50.00 -Y1-) 1,200 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-) 140 M PAINT PAVEMENT MARKING LINES (600MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (27+40.00 -Y1-) 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	LS		235	EA	
TURE AT STA ****** 1,200 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 140 M PAINT PAVEMENT MARKING LINES (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, ********) (HIGHLY REFLECTIVE ELEMENTS) (30+95.00 -Y1-) 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)				55,560	М	
(23+50.00 - Y1-) (200MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 140 M PAINT PAVEMENT MARKING LINES (600MM) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, *******) (HIGHLY REFLECTIVE ELEMENTS) Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (30+95.00 -Y1-) 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	LS		1 200	м	
TURE AT STA ****** (600MM) (27+40.00 -Y1-) 4,696 M POLYUREA PAVEMENT MARKING LINES (150MM, *********) TURE AT STA ***** (150MM, *********) (30+95.00 -Y1-) 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)			(23+50.00 -Y1-)	1,200	191	
(27+40.00 - Y1-) 4,696 M POLYUKEA PAVEMENT MARKING LINES (150MM, *******) (HIGHLY REFLECTIVE ELEMENTS) Lump Sum (30+95.00 - Y1-) 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	LS		140	М	
Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** LINES (150MM, *******) (HIGHLY REFLECTIVE ELEMENTS) (30+95.00 -Y1-) 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)			(27+40.00 -Y1-)	4,696	м	
(30+95.00 -Y1-) 3,375 M REMOVAL OF PAVEMENT MARKING LINES (100MM)	Lump Sum	LS				LINES (150MM, *********)
LINES (100MM)				3 275	м	
4,314 M CURING COMPOUND REMOVAL, LINES				ل / دود		
				4,314	М	CURING COMPOUND REMOVAL, LINES

612	EA	PERMANENT RAISED PAVEMENT
		MARKERS
2,605	EA	SNOWPLOWABLE PAVEMENT MARKERS
175	EA	FLEXIBLE DELINEATORS (CRYSTAL)
100 3	EA EA	FLEXIBLE DELINEATORS (YELLOW) OBJECT MARKERS (END OF ROAD)
4	EA	30.5M HIGH MOUNT STANDARD
18	EA	36.5M HIGH MOUNT STANDARD
1	EA	PORTABLE DRIVE UNIT
168.8	M3	HIGH MOUNT FOUNDATIONS
168	EA	HIGH MOUNT LUMINAIRES *******
2	T. A	(750W, 480V)
3	EA	ELECTRIC SERVICE POLE **** *******
		(9M)
90	М	ELECTRIC SERVICE LATERAL

100	М	ELECTRICAL DUCT, TYPE BD, SIZE

(92		(TS2)
682	М	ELECTRICAL DUCT, TYPE BD, SIZE
		(TS3)
60	М	ELECTRICAL DUCT, TYPE BD, SIZE
		**** (TS4)
416	М	ELECTRICAL DUCT, TYPE BD, SIZE

		(TS6)
18	М	** #8 W/G FEEDER CIRCUIT (2)
1,711	М	** #2 W/G FEEDER CIRCUIT
-,		(2)
547	М	************ FEEDER CIRCUIT
324	М	(2-#1 W/G) ***#8 W/G FEEDER CIRCUIT IN
524	IVI	SIZE *** CONDUIT
		(2, TS1.5)
4,962	М	***#2 W/G FEEDER CIRCUIT IN
		SIZE *** CONDUIT (2, TS1.5)
2,572	М	***#1 W/G FEEDER CIRCUIT IN
		SIZE *** CONDUIT
67		(2, TS2)
57	EA	ELECTRICAL JUNCTION BOXES
		(PC18)
10	EA	ELECTRICAL JUNCTION BOXES
		(PC30)
Lump Sum	LS	PORTABLE LIGHTING
1	EA	GENERIC LIGHTING ITEM
		LIGHT CONT EQUIPMENT, RW, 480V, 150A
2	EA	GENERIC LIGHTING ITEM
2		LIGHT CONT EQUIPMENT, RW,
		480V, 200A
1,096	M	600MM WATER LINE
1,060 60	M MTN	ABANDON 600MM UTILITY PIPE GENERIC UTILITY ITEM
00		FOUNDATION COND MATERIAL
46,200	Μ	TEMPORARY SILT FENCE
5,010	MTN	STONE FOR EROSION CONTROL,
28,500	MTN	CLASS A STONE FOR EROSION CONTROL,
20,300	191 I IN	CLASS B
13,895	MTN	SEDIMENT CONTROL STONE
178	HA	TEMPORARY MULCHING
2,900	KG	SEED FOR TEMPORARY SEEDING
18.5	MTN	FERTILIZER FOR TEMPORARY SEED- ING
9,110	М	TEMPORARY SLOPE DRAINS
90	EA	INLET PROTECTION AT TEMPORARY
		SLOPE DRAINS
4,800	M	SAFETY FENCE
38,370 184,100	M3 M2	SILT EXCAVATION MATTING FOR EROSION CONTROL
460	M2	COIR FIBER MAT
16,000	M2	PERMANENT SOIL REINFORCEMENT
		MAT
1,140	M	6.4MM HARDWARE CLOTH
300	M3 M	STILLING BASINS
1,200 969	M KG	WATTLE POLYACRYLAMIDE (PAM)
2,645	M	COIR FIBER BAFFLES
2,013	EA	***MM SKIMMER
		(102MM)
53	EA	***MM SKIMMER (38MM)
15	EA	(38MM) ***MM SKIMMER
		(51MM)

9	EA	***MM SKIMMER
2	T. A	(64MM) ***MM SKIMMER
2	EA	(76MM)
491.1	HA	SEEDING & MULCHING
266	HA	MOWING
5,750	KG	SEED FOR REPAIR SEEDING
19.25	MTN	FERTILIZER FOR REPAIR SEEDING
4,800	KG	SEED FOR SUPPLEMENTAL SEEDING
286	MTN	FERTILIZER TOPDRESSING
50	м	IMPERVIOUS DIKE
614.5	HR	SPECIALIZED HAND MOWING
144	EA	RESPONSE FOR EROSION CONTROL
1,008	M3	CULVERT DIVERSION CHANNEL
3	HA	REFORESTATION
1,955	M	SIGNAL CABLE
52	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (300MM, 4
_		SECTION)
1	EA	VEHICLE SIGNAL HEAD (300MM, 5
		SECTION)
940	М	MESSENGER CABLE (9.52MM)
950	M	
15	М	PAVED TRENCHING (**********) (1, 50MM)
935	М	UNPAVED TRENCHING (*********)
		(1, 50MM)
325	М	PLOWING (*********)
(07		(2, 50MM)
685	М	DIRECTIONAL DRILL (*********) (2, 50MM)
20	EA	JUNCTION BOX (STANDARD SIZE)
11	EA	JUNCTION BOX (OVER-SIZED, HEA-
	2.1	VY DUTY)
3	EA	50MM RISER WITH HEAT SHRINK
		TUBING
2,000	М	INDUCTIVE LOOP SAWCUT
3,650	М	LEAD-IN CABLE (**********) (14-2)
625	м	COMMUNICATIONS CABLE (**FIBER)
020	171	(12)
500	М	DROP CABLE
2	EA	SPLICE ENCLOSURE
5	EA	INTERCONNECT CENTER
5	EA	FIBER-OPTIC TRANSCEIVER, SELF-
10	T.A	HEALING RING
10 2	EA EA	DELINEATOR MARKER FURNISH FIBER-OPTIC RESTORA-
2	LA	TION KIT
2	EA	FURNISH FIBER-OPTIC TRANSCEIV-
		ER
19	EA	METAL STRAIN SIGNAL POLE
19	EA	SOIL TEST
95	M3	DRILLED PIER FOUNDATION
9	EA	SIGN FOR SIGNALS
4	EA EA	SIGNAL CABINET FOUNDATION CONTROLLER WITH CABINET (TYPE
4	EA	2070L, BASE MOUNTED)
29	EA	DETECTOR CARD (TYPE 2070L)
4	EA	CABINET BASE EXTENDER
		******* BEGIN SCHEDULE AA *******
		******* (3 ALTERNATES) *******
3,416.4	М	375MM RC PIPE CULVERTS, CLASS III
1,486.8	м	450MM RC PIPE CULVERTS, CLASS
1,400.0		III
1,849.2	М	600MM RC PIPE CULVERTS, CLASS
		III
998.4	М	750MM RC PIPE CULVERTS, CLASS III
184.8	м	900MM RC PIPE CULVERTS, CLASS
104.0	141	III
		*** OR ***
2,775.6	М	375MM RC PIPE CULVERTS, CLASS
		III
742.8	М	450MM RC PIPE CULVERTS, CLASS
1,381.2	м	III 600MM RC PIPE CULVERTS, CLASS
1,301.2		III
848.4	М	750MM RC PIPE CULVERTS, CLASS
82.8	М	900MM RC PIPE CULVERTS, CLASS
640.8		
0.010	м	III ****MM HDPE PIPE CULVERTS
	М	III ****MM HDPE PIPE CULVERTS (400MM)
744	M M	****MM HDPE PIPE CULVERTS (400MM) ****MM HDPE PIPE CULVERTS
	М	****MM HDPE PIPE CULVERTS (400MM) ****MM HDPE PIPE CULVERTS (450MM)
744 468		****MM HDPE PIPE CULVERTS (400MM) *****MM HDPE PIPE CULVERTS (450MM) *****MM HDPE PIPE CULVERTS
	М	****MM HDPE PIPE CULVERTS (400MM) ****MM HDPE PIPE CULVERTS (450MM)

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
150	М	****MM HDPE PIPE CULVERTS (800MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
102	М	****MM HDPE PIPE CULVERTS (900MM)	Lump Sum	LS	(4, 63+66.830-L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
2,775.6	М	*** OR *** 375MM RC PIPE CULVERTS, CLASS	Lump Sum	LS	(5, 63+66.830-L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
742.8	М	III 450MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	(6, 63+66.830-L-) FOUNDATION EXCAVATION FOR BENT
1,381.2	М	600MM RC PIPE CULVERTS, CLASS III	12	Π.	** AT STATION ************************************
848.4	М	750MM RC PIPE CULVERTS, CLASS III	12 12	EA EA	PDA TESTING PDA ASSISTANCE
82.8	М	900MM RC PIPE CULVERTS, CLASS III	29,736.4 28,384	M2 M2	REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS
640.8	М	****MM ALUMINIZED CORRUGATED	28,384 997.8	M2 M3	CLASS AA CONCRETE (BRIDGE)
		STEEL PIPE CULVERTS, ****MM THICK	3,501.5 Lump Sum	M3 LS	CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION
744	М	(400MM, 1.63MM) ****MM ALUMINIZED CORRUGATED	Eurip Sun	1.5	*****
,++		STEEL PIPE CULVERTS, ****MM THICK	Lump Sum	LS	(16+72.000-FLYOVER-) BRIDGE APPROACH SLABS, STATION *********
468	М	(450MM, 1.63MM) ****MM ALUMINIZED CORRUGATED	Lump Sum	LS	(41+33.963-RP1BD-) BRIDGE APPROACH SLABS, STATION
		STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)	Lump Sum	25	**************** (41+41.155-COL2-)
150	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		THICK (800MM, 2.01MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
102	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM			(58+15.000-L-LT)
		THICK (900MM, 2.01MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		*** END SCHEDULE AA ***	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		CULVERT ITEMS	Lump Sum	LS	(58+35.000-CDR-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (46+47.000-L-)	Lump Sum	LS	(63+66.830-L-) BRIDGE APPROACH SLABS, STATION
436	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT	Luman Sum	15	(66+01.153-L-LT) BRIDGE APPROACH SLABS, STATION
688.5	M3	CLASS A CONCRETE (CULVERT)	Lump Sum	LS	*****
61,711	KG	REINFORCING STEEL (CULVERT)	Lump Sum	LS	(66+01.153-L-RT) BRIDGE APPROACH SLABS, STATION
		WALL ITEMS	Lump Sum	LS	(66+11.952-CDR-) BRIDGE APPROACH SLABS, STATION
5,227	M2	MSE RETAINING WALLS	Lump Sum	LS	(77+44.00-L-LT) BRIDGE APPROACH SLABS, STATION
1,980	M2 M2	GENERIC RETAINING WALL ITEM			**************************************
3,976.408	M2	SOUND BARRIER WALL GENERIC RETAINING WALL ITEM	435,795 25,951	KG KG	REINFORCING STEEL (BRIDGE) SPIRAL COLUMN REINFORCING
		VISUAL BARRIER WALL	3,950.624	м	STEEL (BRIDGE) MODIFIED 1600MM PRESTRESSED
		STRUCTURE ITEMS	2,298.12	М	CONC GIRDERS MODIFIED 1829MM PRESTRESSED
			1,122,715	LS	CONC GIRDERS APPROX KG STRUCTURAL
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &	12,807	М	STEEL HP310X79 STEEL PILES
		REMOVAL OF TEMP ACCESS AT STA	10,064	М	HP310X79 GALVANIZED STEEL PILES
Lump Sum	LS	(16+72.000-FLYOVER-) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA	7,562.1 570	M M	HP360X108 STEEL PILES HP360X108 GALVANIZED STEEL
		(58+15.000-L-LT)	533	EA	PILES PILE REDRIVES
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &	3,901.351	M	CONCRETE BARRIER RAIL
		REMOVAL OF TEMP ACCESS AT STA	223.92	М	*** X ****MM CONCRETE PARAPET (305MM X 457MM)
Lump Sum	LS	(77+44.00-L-LT) REMOVAL OF EXISTING STRUCTURE	125.28	М	****MM CHAIN LINK FENCE
Dump Sum	LO	AT STATION *********	2,546	M2	(1829MM) 100MM SLOPE PROTECTION
Lump Sum	LS	(58+35.000-CDR-) FOUNDATION EXCAVATION FOR BENT	7,949	MTN M2	RIP RAP CLASS II (600MM THICK)
		** AT STATION ************************************	8,529 Lump Sum	M2 LS	FILTER FABRIC FOR DRAINAGE POT BEARINGS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **********	Lump Sum	LS	ELASTOMERIC BEARINGS
		(1, 66+01.153-L-RT)	Lump Sum Lump Sum	LS LS	EVAZOTE JOINT SEALS MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************	781.872	М	914MM X 533MM PRESTRESSED CONC CORED SLABS
Lump Sum	LS	(1, 66+11.952-CDR-) FOUNDATION EXCAVATION FOR BENT ** AT STATION **********	Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,542,000KG STRUCTURAL STEEL
Lump Sum	LS	(1, 77+44.00-L-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************			

1,282.311 M2 GENERIC STRUCTURE ITEM VISUAL BARRIER WALL ON STRUCTURE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C201979 35196.3.16

DIV OFFICE FAYETTEVILLE

L081118 003 LENGTH = 6.570 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING & STRUCTURES.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : OCT 01 2012 NC-24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM 1.3 MI EAST OF NC-87/210 TO WEST OF US-401.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	CLEARING & GRUBBING HECTACRE(S)
2	HA	SUPPLEMENTARY CLEARING & GRUB- BING
17	EA	SEALING ABANDONED WELLS
800,000	M3	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************
Lump Sum	LS	(118+17.00-L-EBL) REINFORCED BRIDGE APPROACH
Lunp Sun	1.5	FILL, STATION ************************************
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********
Lump Sum	LS	(145+27.00-L-WBL) REINFORCED BRIDGE APPROACH
Dump Bum	Lo	FILL, STATION ************************************
25,981	M3	UNDERCUT EXCAVATION
1,350	MTN	CLASS IV SUBGRADE STABILIZA- TION
568,000	M3	BORROW EXCAVATION
7	EA	EMBANKMENT SETTLEMENT GAUGES
11,760	M3	DRAINAGE DITCH EXCAVATION
1,100	M	BERM DITCH CONSTRUCTION
5,750	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT
5,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT PROOF ROLLING
70	HR	SELECT GRANULAR MATERIAL
16,000 21,600	M3 M2	FABRIC FOR SOIL STABILIZATION
34,000	M3	GENERIC GRADING ITEM
54,000	1015	BORROW MATERIAL FOR GEOGRID REINFORCEMENT
2,500	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III
4,700	M2	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION
1,100	M2	GENERIC GRADING ITEM PERMANENT TURF
17,000	М2	REINFORCEMENT MAT GENERIC GRADING ITEM
	M2	PRIMARY GEOGRID REINFORCEMENT GENERIC GRADING ITEM
3,650	MZ	SECONDARY GEOGRID REINFORCE- MENT
6	EA	GENERIC GRADING ITEM CASING ACCESS BOXES
3,280	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
38.4	Μ	375MM SIDE DRAIN PIPE
43.2	Μ	450MM SIDE DRAIN PIPE
3.6	М	1350MM RC PIPE CULVERTS, CLASS III
100.8	М	1800MM RC PIPE CULVERTS, CLASS III
55.2	М	****MM RC PIPE CULVERTS, CLASS
86.4	М	(1050MM) ****MM RC PIPE CULVERTS, CLASS
80.4	WI	IV (1350MM)
120	М	****MM RC PIPE CULVERTS, CLASS IV
110.4	М	(1500MM) ****MM RC PIPE CULVERTS, CLASS
		IV (900MM)
1	EA	****MM PIPE END SECTION (375MM)

1	EA	****MM PIPE END SECTION (450MM)
207.6	м	400MM BIT COAT CS PIPE CUL-
80.4	м	VERTS, TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE CUL-
36	м	VERTS, TYPE B 1.63MM THICK 600MM BIT COAT CS PIPE CUL-
		VERTS, TYPE B 1.63MM THICK
22.8	м	800MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
24	М	900MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
39.6	М	1000MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.77MM THICK
2	EA	***MM BIT COAT CS PIPE ELBOWS,
		TYPE B ****MM THICK (1000MM, 2.77MM)
2	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK
12	EA	(900MM, 2.01MM) 400MM BIT COAT CS PIPE ELBOWS,
4	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,
		TYPE B 1.63MM THICK
4	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
4	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
555.6	М	PIPE REMOVAL
Lump Sum 35	LS MTN	FINE GRADING #57 STONE
8,750	MTN	STABILIZER AGGREGATE
110,000	MTN	AGGREGATE BASE COURSE
500	MTN	INCIDENTAL STONE BASE
375,819	L	PRIME COAT
540	M2	INCIDENTAL MILLING
720	MTN	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
29,520	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
11,600	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
31,480	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
11,520	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
30,840	MTN	ASPHALT CONC SURFACE COURSE,
1,530	MTN	TYPE \$9.5C ASPHALT CONC SURFACE COURSE,
4,120	MTN	TYPE SF9.5A ASPHALT BINDER FOR PLANT MIX,
1,855	MTN	GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX,
25,600	м	GRADE PG 70-22 MILLED RUMBLE STRIPS (ASPHALT
		CEMENT CONCRETE)
994 497	M3 M3	SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE
1,200	M	150MM PERFORATED SUBDRAIN PIPE
120	EA	150MM SUBDRAIN PIPE WYES,
8	EA	TEES, & ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE
16	м	OUTLET 150MM OUTLET PIPE (SUBDRAINS)
16 18.9	М М3	150MM OUTLET PIPE (SUBDRAINS) ENDWALLS
8.5	M3	REINFORCED ENDWALLS
212	EA	MASONRY DRAINAGE STRUCTURES
68.01	М	MASONRY DRAINAGE STRUCTURES
70	EA	FRAME WITH TWO GRATES, STD 840.16
27	EA	FRAME WITH TWO GRATES, STD 840.20
53	EA	FRAME WITH TWO GRATES, STD 840.22
2	EA	FRAME WITH TWO GRATES, STD 840.24
4	EA	FRAME WITH TWO GRATES, STD 840.29
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
		(E)

					Pag
			19 16	EA EA	SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER- HEAD)
12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	9	EA	(A) SIGN ERECTION, TYPE *** (OVER- HEAD) (P)
21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	16	EA	(B) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
9 1,180	EA M	FRAME WITH COVER, STD 840.54 450MM CONCRETE CURB & GUTTER	14	EA	(A) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
2,020 55	M M	750MM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER	20	EA	(B) SIGN ERECTION, MILEMARKERS
2,225	М	CONCRETE EXPRESSWAY GUTTER	1	EA	SIGN ERECTION, OVERLAY (GROUND
950 1,130	M M2	CONCRETE VALLEY GUTTER 125MM MONOLITHIC CONCRETE IS-	3	EA	MOUNTED) DISPOSAL OF SIGN SYSTEM, STEEL
		LANDS (SURFACE MOUNTED)			BEAM
230	М	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	18	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1 2	EA EA	ADJUSTMENT OF CATCH BASINS IMPACT ATTENUATOR UNIT, TYPE	5	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
6,537.96	М	350 STEEL BM GUARDRAIL	19 125	EA M2	DISPOSAL OF SIGN, D, E OR F WORK ZONE SIGNS (STATIONARY)
148.2	M	STEEL BM GUARDRAIL, SHOP	50	M2	WORK ZONE SIGNS (PORTABLE)
12	EA	CURVED STEEL BM GUARDRAIL TERMINAL	30	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	SECTIONS ADDITIONAL GUARDRAIL POSTS	2 2	EA EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGN
27	EA	GUARDRAIL ANCHOR UNITS, TYPE	125	EA	DRUMS
31	EA	CAT-1 GUARDRAIL ANCHOR UNITS, TYPE	125 105	EA M	CONES BARRICADES (TYPE III)
		350	400	MD	FLAGGER
6	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	2	EA	TEMPORARY CRASH CUSHIONS
22	EA	GUARDRAIL ANCHOR UNITS, TYPE	245 240	M HR	PORTABLE CONCRETE BARRIER POLICE
20	М	B-77 REMOVE & RESET EXISTING GUIDE- RAIL	131	EA	TEMPORARY RAISED PAVEMENT MARKERS
72.39	М	TEMPORARY STEEL BM GUARDRAIL	3,335	М	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	2,623	м	THERMOPLASTIC PAVEMENT MARKING
5,310	М	DOUBLE FACED CABLE GUIDERAIL	30,766	м	LINES (100MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
6	EA	ADDITIONAL GUIDERAIL POSTS	50,700	М	LINES (150MM, 2.3MM)
23 13,420	EA M	CABLE GUIDERAIL ANCHOR UNITS WOVEN WIRE FENCE, 1200MM FAB-	4,690	М	THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)
2,000		RIC	338	М	THERMOPLASTIC PAVEMENT MARKING
2,800	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	2,829	М	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
640	EA	125MM TIMBER FENCE POSTS, 2.50M LONG			LINES (300MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
2	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING	163	M EA	LINES (600MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
1.050	MTN	(1200MM, 3050MM, 6100MM) RIP RAP, CLASS I	10	LA	CHARACTER (3.1MM)
	MTN		99	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
15,660 2	M2 EA	FILTER FABRIC FOR DRAINAGE PREFORMED SCOUR HOLES WITH	384	М	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM)
9	М3	LEVEL SPREADER APRON REINFORCED CONCRETE SIGN FOUN-	42,788	М	(IV) PAINT PAVEMENT MARKING LINES
108	М3	DATIONS OVERHEAD FOOTING	128	м	(100MM) PAINT PAVEMENT MARKING LINES
2,076	KG	SUPPORTS, BREAKAWAY STEEL BEAM			(600MM)
1,573 607	KG M	SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5-KG STEEL U-CHANN	4 446	EA M	PAINT PAVEMENT MARKING SYMBOL POLYUREA PAVEMENT MARKING
20	EA	EL SUPPORTS, 3-KG STEEL U-CHANNEL			LINES (100MM, *********) (HIGHLY REFLECTIVE ELEMENTS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****	1,728	М	POLYUREA PAVEMENT MARKING LINES (150MM, *********)
Lump Sum	LS	(102+09 -L- C) SUPPORTS, OVERHEAD SIGN STRUC-	2,200	М	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING
		TURE AT STA ****** (103+21 -L- D)	2,310	М	LINES (100MM) CURING COMPOUND REMOVAL, LINES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****	39	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	(108+00 -L- E) SUPPORTS, OVERHEAD SIGN STRUC-	1,453 21	EA EA	SNOWPLOWABLE PAVEMENT MARKERS 2.1M U-CHANNEL POSTS
		TURE AT STA ****** (138+00 -L- F)	325	EA	FLEXIBLE DELINEATORS (CRYSTAL)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	76 20	EA EA	FLEXIBLE DELINEATORS (YELLOW) FLEXIBLE DELINEATORS (CRYSTAL
Lump Sum	LS	(14+82 -Y12- I) SUPPORTS, OVERHEAD SIGN STRUC-	20	EA	& RED) FLEXIBLE DELINEATORS (YELLOW & RED)
		TURE AT STA ****** (16+48 -Y12- G)	21	EA	OBJECT MARKERS (END OF ROAD)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	3	EA EA	24.5M HIGH MOUNT STANDARD 30.5M HIGH MOUNT STANDARD
_		(7+00 -Ү12- Н)	5	EA	36.5M HIGH MOUNT STANDARD
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	1 86.7	EA M3	PORTABLE DRIVE UNIT HIGH MOUNT FOUNDATIONS
Lump Sum	LS	(89+20 -L- A) SUPPORTS, OVERHEAD SIGN STRUC-	86.7 24	M3 EA	HIGH MOUNT FOUNDATIONS HIGH MOUNT LUMINAIRES ******* (400W, 480V)
-		TURE AT STA ****** (97+20 -L- B)	76	EA	(400 W, 400 V) HIGH MOUNT LUMINAIRES ******* (750 W, 480 V)
7 68	EA EA	SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E			· · ·

			4	EA	SPECIAL STILLING BASINS
			500	М	WATTLE
			375	KG	POLYACRYLAMIDE (PAM)
2	EA	ELECTRIC SERVICE POLE ****	2,200	м	COIR FIBER BAFFLES
		*****	36	EA	***MM SKIMMER
		(9M)			(38MM)
60	М	ELECTRIC SERVICE LATERAL	15	EA	***MM SKIMMER
		******			(51MM)
		(3-#1/0 USE, TS2 RGC)	2	EA	***MM SKIMMER
37	Μ	ELECTRICAL DUCT, TYPE BD, SIZE			(64MM)
		****	3	EA	***MM SKIMMER
		(TS2)			(76MM)
318	Μ	ELECTRICAL DUCT, TYPE BD, SIZE	180	HA	SEEDING & MULCHING
		****	105	HA	MOWING
		(TS3)	2,225	KG	SEED FOR REPAIR SEEDING
28	М	ELECTRICAL DUCT, TYPE BD, SIZE	7.5	MTN	FERTILIZER FOR REPAIR SEEDING
		****	1,850	KG	SEED FOR SUPPLEMENTAL SEEDING
		(TS4)	1,850	MTN	FERTILIZER TOPDRESSING
144	М	ELECTRICAL DUCT, TYPE BD, SIZE			
			310	M	IMPERVIOUS DIKE
()		(TS6)	400	HR	SPECIALIZED HAND MOWING
637	М	** #2 W/G FEEDER CIRCUIT	72	EA	RESPONSE FOR EROSION CONTROL
105			455	M3	CULVERT DIVERSION CHANNEL
105	М	**************** FEEDER CIRCUIT	6	HA	REFORESTATION
		(2-#1 W/G)	705	М	SIGNAL CABLE
339	М	***#8 W/G FEEDER CIRCUIT IN	22	EA	VEHICLE SIGNAL HEAD (300MM, 3
		SIZE *** CONDUIT			SECTION)
4 224		(2, TS1.5)	360	М	MESSENGER CABLE (9.52MM)
4,224	М	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT	215	М	UNPAVED TRENCHING (*********)
		(2, TS1.5)	213	101	(1, 50MM)
251	м	***#1 W/G FEEDER CIRCUIT IN	8	EA	JUNCTION BOX (STANDARD SIZE)
251	М	SIZE *** CONDUIT	650	M	INDUCTIVE LOOP SAWCUT
		(2, TS2)			
20	E A		700	М	LEAD-IN CABLE (**********)
29	EA	ELECTRICAL JUNCTION BOXES		-	(14-2)
		(PC18)	4	EA	900MHZ WIRELESS RADIO SYSTEM
10	E A	ELECTRICAL JUNCTION BOXES	8	EA	METAL STRAIN SIGNAL POLE
10	EA	ELECTRICAL JUNCTION BOAES	8	EA	SOIL TEST
		(PC30)	40	M3	DRILLED PIER FOUNDATION
6	EA	UNDERPASS LUMINARIES ********	4	EA	SIGN FOR SIGNALS
6	EA	(70W, 480V TYPE PM)	2	EA	SIGNAL CABINET FOUNDATION
T	τc		2	EA	CONTROLLER WITH CABINET (TYPE
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******* (AT US-401)	2	LA	2070L, BASE MOUNTED)
	10		9	EA	DETECTOR CARD (TYPE 2070L)
Lump Sum	LS	PORTABLE LIGHTING			· · · · ·
1	EA	GENERIC LIGHTING ITEM	2	EA	CABINET BASE EXTENDER
		LIGHT CONT EQUIPMENT, RW,	1	EA	GENERIC SIGNAL ITEM
		480V, 150A			FURNISH WIRELESS LIGHTING ARRESTOR
1	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW,		EA	
			1	DIX	GENERIC SIGNAL ITEM
15	м	480V, 200A	1	DIX	GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM
15	М	480V, 200A 50MM WATER LINE	1	LIT	
58	М	480V, 200A 50MM WATER LINE 150MM WATER LINE	1	Dir	
		480V, 200A 50MM WATER LINE	1	LIT	FURNISH WIRELESS RADIO MODEM
58	М	480V, 200A 50MM WATER LINE 150MM WATER LINE	1	LIT	
58 106	M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE	2,301.6	М	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******
58 106	M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE			FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* ***************************
58 106 1,204 1	M M EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE	2,301.6	М	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ****** ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4	M M EA EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE			FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS
58 106 1,204 1 1	M M EA EA EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 400MM VALVE	2,301.6 793.2	м м	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4 4 1	M M EA EA EA EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER	2,301.6	м м	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS
58 106 1,204 1 1 4 4 1 3	M M EA EA EA EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RECONNECT WATER METER	2,301.6 793.2 2,346	M M M	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4 4 1 3 6	M M EA EA EA EA EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 8ELOCATE WATER METER RECONNECT WATER METER RECOCATE FIRE HYDRANT	2,301.6 793.2	м м	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS
58 106 1,204 1 1 4 4 1 3 6 176	M M EA EA EA EA EA EA M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER	2,301.6 793.2 2,346 2,190	М М М	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III 750MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4 4 1 3 6	M M EA EA EA EA EA EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RECONNECT WATER METER RECOCATE FIRE HYDRANT	2,301.6 793.2 2,346	M M M	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS
58 106 1,204 1 1 4 4 1 3 6 176	M M EA EA EA EA EA EA M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER	2,301.6 793.2 2,346 2,190 1,054.8	м м м м	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 750MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4 4 1 3 6 176 5 4.84	M M EA EA EA EA EA EA M EA M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA	2,301.6 793.2 2,346 2,190	М М М	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4 4 1 3 6 176 5	M M EA EA EA EA EA M EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM	2,301.6 793.2 2,346 2,190 1,054.8 234	м м м м	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 750MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS
58 106 1,204 1 1 4 4 1 3 6 176 5 4.84	M M EA EA EA EA EA EA M EA M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA	2,301.6 793.2 2,346 2,190 1,054.8	м м м м	FURNISH WIRELESS RADIO MODEM ******* BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 1 4 4 4 1 3 6 176 5 4.84 516	M M EA EA EA EA EA EA M EA M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE	2,301.6 793.2 2,346 2,190 1,054.8 234	м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 4 4 1 3 6 176 5 4.84 516 818	M M EA EA EA EA EA EA M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONFECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6	М М М М М	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******** (3 ALTERNATES) ******** 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 500MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 1200MM RC PIPE CULVERTS, CLASS II 200MM RC PIPE CULVERTS, CLASS II 200MM RC PIPE CULVERTS, CLASS II 200MM RC PIPE CULVERTS, CLASS II 200MM RC PIPE CULVERTS, CLASS II
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 818 1,181 9	M M EA EA EA EA EA M M M M EA	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE	2,301.6 793.2 2,346 2,190 1,054.8 234	м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) ******* 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III *** OR *** 375MM RC PIPE CULVERTS, CLASS
58 106 1,204 1 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000	M M EA EA EA EA EA M M M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2	M M M M M	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 2000MM RC PIPE CULVERTS, CLASS II 375MM RC PIPE CULVERTS, CLASS II *** OR ***
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 818 1,181 9	M M EA EA EA EA EA M M M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM JA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 100MM UTILITY PIPE ABANDON 100MM UTILITY PIPE ABANDON 100MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL,	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6	М М М М М	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 750MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000	M M EA EA EA EA EA EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366	м м м м м м	FURNISH WIRELESS RADIO MODEM ********* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 1200MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II
58 106 1,204 1 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000	M M EA EA EA EA EA EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2	M M M M M	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLA
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000	M M EA EA EA EA EA M M M M M M M M M TN	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS B	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6	M M M M M M M	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS,
58 106 1,204 1 4 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9 19,000 13,000 12,000 8,000	M M EA EA EA EA EA EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RECONNECT WATER METER RECONTECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM JIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366	м м м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 750MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5	M M EA EA EA EA EA EA M EA M M TN MTN HA	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8	M M M M M M M M	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 600MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1000MM RC PIPE CULVERTS, CLASS III 1000MM RC PIPE CULVERTS, CLASS III 1000MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS 450MM
58 106 1,204 1 4 4 4 1 3 6 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525	M M EA EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SLT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6	M M M M M M M	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 600MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 2000MM RC PIPE CULVERTS, CLASS II 750MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 500MM RC PIPE CULVERTS, C
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5	M M EA EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 150MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6	м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 575MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 500MM RC PIPE CULVERTS, CLASS II
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9,000 13,000 12,000 8,000 132.5 2,525 16	M M EA EA EA EA EA M EA M M M M TN M TN HA KG M TN	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8	M M M M M M M M	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 750MM RC PIPE CULVERTS, CLASS III 900MM RC PIPE CULVERTS, CLASS III 1050MM RC PIPE CULVERTS, CLASS III *** OR *** 375MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III
58 106 1,204 1 4 4 4 1 3 6 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525	M M EA EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 150MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174	м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* ***************************
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9,000 13,000 12,000 8,000 132.5 2,525 16	M M EA EA EA EA EA M EA M M M M TN M TN HA KG M TN	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6	м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******* (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 2000MM RC PIPE CULVERTS, CLASS II 500MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 500MM RC PIPE CULVERTS, C
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800	M M EA EA EA EA EA M EA M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 150MM UTILITY PIPE ABANDON 200MM ATER EDING TEMPORARY MULCHING TEMPORARY SLOPE DRAINS	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2	м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ******** BEGIN SCHEDULE AA ******** (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS, CLASS III 450MM RC PIPE CULVERTS,
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800	M M EA EA EA EA EA M EA M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174	м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 4 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000	M M EA EA EA EA EA EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 400MM VALVE 4	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2	м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775	M M EA EA EA EA EA M EA M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RECONTECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM JIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETTY FENCE SILT EXCAVATION	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2	м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000	M M EA EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM ATER 200MM ATICH TEMPORARY SUT FENCE SUT EXCAVATION MATTING FOR EROSION CONTROL	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4	м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ********* BEGIN SCHEDULE AA ******** (3 ALTERNATES) 375MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS, CLASS II 900MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 1050MM RC PIPE CULVERTS, CLASS II 450MM RC PIPE CULVERTS II 450MM RC PIPE RE
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000 330	M M EA EA EA EA EA EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SAINTARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60	м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000	M M EA EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 150MM UTILITY PIPE ABANDON 400MM 400MM 400MM 400MM CON FIDE FOR FEROSION CONTROL, CUASS B SEDIFOR FOR FEROSION CONTROL CON FIDE MAT PERMANENT SOIL REINFORCEMENT	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4	м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9 19,000 13,000 12,000 8,000 132,5 2,525 16 3,800 69 5,000 17,775 185,000 330 9,800	M M M EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RECONNECT WATER METER RECONTECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4	м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000 330 9,800 600	M M EA EA EA EA EA M EA M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM ATER ELONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY SEEDING FEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOL REINFORCEMENT MAT 6.4MM HARDWARE CLOTH	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4 812.4	м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 9 19,000 13,000 12,000 8,000 132,5 2,525 16 3,800 69 5,000 17,775 185,000 330 9,800	M M M EA EA EA EA EA M EA M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM 400MM 400MM 400MM GUA SEDIMENT CONTROL STONE TEMPORARY SLOPE DRAINS AFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT AT	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4 812.4	м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000 3,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,0000 6,000 6,000 6,0000 6,000 6,0000 6,000 6,0000 6,00	M M M EA EA EA EA M EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 200MM WATER LINE 200MM WATER LINE 50MM VALVE 150MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE 400MM VALVE RELOCATE WATER METER RECONNECT WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 150MM UTILITY PIPE ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE ABANDON UTILITY MANHOLE TEMPORARY SILT FENCE STONE FOR EROSION CONTROL, CLASS A STONE FOR EROSION CONTROL, CLASS B SEDIMENT CONTROL STONE TEMPORARY SUCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING FOR FOR FOR FOR FOR FOR FOR FOR FOR FOR	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4 812.4	м м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
58 106 1,204 1 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000 330 9,800 600	M M EA EA EA EA EA M EA M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM ABANDOLE TEMPORARY SLOPE DRAINS SNLET PROTECTION AT TEMPORARY SEEDING FERTILIZER FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6-4MM HARDWARE CLOTH ****MM TEMPORARY PIPE (600MM) TEMPORARY PIPE FOR STREAM	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4 812.4	м м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************
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58 106 1,204 1 4 4 4 1 3 6 176 5 4.84 516 818 1,181 9 19,000 13,000 12,000 8,000 132.5 2,525 16 3,800 69 5,000 17,775 185,000 3,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,000 2,500 6,0000 6,000 6,000 6,0000 6,000 6,0000 6,000 6,0000 6,00	M M M EA EA EA EA M EA M M M M M M M M M	480V, 200A 50MM WATER LINE 150MM WATER LINE 400MM WATER LINE 400MM WATER LINE 50MM VALVE 150MM VALVE 200MM VALVE 200MM VALVE RELOCATE WATER METER RELOCATE WATER METER RELOCATE FIRE HYDRANT 200MM SANITARY GRAVITY SEWER 1200MM DIA UTILITY MANHOLE UTILITY MANHOLE WALL, 1200MM DIA ABANDON 150MM UTILITY PIPE ABANDON 200MM ABANDOLE TEMPORARY SLOPE DRAINS SNLET PROTECTION AT TEMPORARY SEEDING FERTILIZER FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 6-4MM HARDWARE CLOTH ****MM TEMPORARY PIPE (600MM) TEMPORARY PIPE FOR STREAM	2,301.6 793.2 2,346 2,190 1,054.8 234 105.6 1,489.2 366 849.6 280.8 135.6 174 103.2 60 2.4 812.4 812.4 427.2 1,496.4	м м м м м м м м м м м м м м м	FURNISH WIRELESS RADIO MODEM ***********************************

4 EA SPECIAL STILLING BASINS

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			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
919.2	М	****MM HDPE PIPE CULVERTS (900MM)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
		*** OR ***	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
1,489.2	М	375MM RC PIPE CULVERTS, CLASS III	Samp Sam		** AT STATION ************************************
366	М	450MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
849.6	М	600MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	(3, 146+39.081-L-EBL) FOUNDATION EXCAVATION FOR BENT
280.8	М	750MM RC PIPE CULVERTS, CLASS III	·		** AT STATION ************************************
135.6	М	900MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
174	М	1050MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
103.2	М	1200MM RC PIPE CULVERTS, CLASS III			** AT STATION ************************************
60	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
		THICK	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
2.4	м	(1000MM, 2.01MM)			** AT STATION **********
2.4	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM			(5, 146+39.081-L-WBL)
		THICK	6	EA	PDA TESTING
		(1200MM, 2.01MM)	6	EA	PDA ASSISTANCE
812.4	М	****MM ALUMINIZED CORRUGATED	14,079.7	M2	REINFORCED CONCRETE DECK SLAB
		STEEL PIPE CULVERTS, ****MM	13,393	M2	GROOVING BRIDGE FLOORS
		THICK (400MM, 1.63MM)	1,894.6	M3	CLASS A CONCRETE (BRIDGE)
427.2	М	****MM ALUMINIZED CORRUGATED	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		STEEL PIPE CULVERTS, ****MM THICK			(102+62.953-L-)
		(450MM, 1.63MM)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
1,496.4	м	****MM ALUMINIZED CORRUGATED			(118+17.500-L-EBL)
-,		STEEL PIPE CULVERTS, ****MM THICK	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
1 000 0		(600MM, 1.63MM)			(118+17.500-L-WBL)
1,909.2	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		THICK			*****
		(800MM, 2.01MM)			(146+39.081-L-EBL)
919.2	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		THICK			(146+39.081-L-WBL)
		(900MM, 2.01MM)	163,570	KG	REINFORCING STEEL (BRIDGE)
			15,409	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
		**** END SCHEDULE AA *** CULVERT ITEMS	1,076.9	М	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
			691,100	LS	APPROX KG STRUCTURAL STEEL
Lump Sum	LS	CULVERT EXCAVATION, STA ******	9,101 1,872	M M	HP310X79 STEEL PILES HP310X79 GALVANIZED STEEL
Lump Sum	LS	(105+03.000-L-) CULVERT EXCAVATION, STA ******	221	EA	PILES PILE REDRIVES
Lump Sum	LS	(130+30.000-L-) CULVERT EXCAVATION, STA ******	1,814.08	M	CONCRETE BARRIER RAIL
		(14+14.000-Y-REV)	2,420	M2	100MM SLOPE PROTECTION
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (2+98.000-Y-RAMPA)	4,882 4,980	MTN M2	RIP RAP CLASS II (600MM THICK) FILTER FABRIC FOR DRAINAGE
705	MTN	FOUNDATION CONDITIONING MATER-	Lump Sum	LS	POT BEARINGS
		IAL, BOX CULVERT	Lump Sum	LS	ELASTOMERIC BEARINGS
1,065	M3	CLASS A CONCRETE (CULVERT)	Lump Sum	LS	EVAZOTE JOINT SEALS
78,736	KG	REINFORCING STEEL (CULVERT)	Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT	Lump Sum	LS	GENERIC STRUCTURE ITEM
		STA************************************	·		APPROXIMATELY 1,018,000KG STRUCTURAL STEEL
			Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,044,800KG
		WALL ITEMS			STRUCTURAL STEEL

WALL ITEMS

100	M2	MSE RETAINING WALLS
2,636	M2	GENERIC RETAINING WALL ITEM
		MSE RETAINING WALLS, TWO STAGE
3,915	M2	GENERIC RETAINING WALL ITEM
		SOUND BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(118+17.500-L-WBL)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C202186 35196.3.15

DIV OFFICE FAYETTEVILLE

L081118 004

LENGTH = 10.897 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

MBE GOAL 5.0% WBE 5.0% COMPLETION DATE : OCT 01 2012

NC-24 EXTENSION (FAYETTEVILLE OUTER LOOP) FROM WEST OF NC-24 TO WEST OF US-401.

		ROADWAY ITEMS	4,700	M2	GENERIC GRADING ITEM FABRIC FOR EMBANKMENT STABILIZATION
Lump Sum	LS	MOBILIZATION	1,100	M2	GENERIC GRADING ITEM
Lump Sum	LS	CONSTRUCTION SURVEYING			PERMANENT TURF REINFORCEMENT MAT
Lump Sum	LS	CLEARING & GRUBBING	17,000	M2	GENERIC GRADING ITEM
4	HA	HECTACRE(S) SUPPLEMENTARY CLEARING & GRUB- BING	3,650	M2	PRIMARY GEOGRID REINFORCEMENT GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCE-
18	EA	SEALING ABANDONED WELLS			MENT
1,256,300	M3	UNCLASSIFIED EXCAVATION	100	MTN	GENERIC GRADING ITEM
Lump Sum	LS	REINFORCED BRIDGE APPROACH			EXCAVATION & STOCKPILING
		FILL, STATION ************************************	6	EA	OF CONTAMINATED SOIL GENERIC GRADING ITEM
Lump Sum	LS	REINFORCED BRIDGE APPROACH			CASING ACCESS BOXES
		FILL, STATION ************************************	2,075 60	MTN MTN	SELECT MATERIAL, CLASS II
Lump Sum	LS	REINFORCED BRIDGE APPROACH	00	MIIN	SELECT MATERIAL, CLASS ***** (VI)
Dump Dum	20	FILL, STATION *********	6,230	MTN	FOUNDATION CONDITIONING MATE-
		(145+27.00-L-EBL)			RIAL, MINOR STRS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	159.6	М	375MM SIDE DRAIN PIPE
		(145+27.00-L-WBL)	43.2	M	450MM SIDE DRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH	190.8	М	****MM RC PIPE CULVERTS, CLASS *****
		FILL, STATION **********			(900MM, V)
		(16+72.005 -FLYOVER-)	3.6	м	300MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			Ш
		(18+40.00-Y-REV)	46.8	М	1200MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH	3.6	м	III 1350MM RC PIPE CULVERTS, CLASS
		FILL, STATION ************************************	5.0	141	Ш
Lump Sum	LS	REINFORCED BRIDGE APPROACH	100.8	М	1800MM RC PIPE CULVERTS, CLASS
Lump Sum	1.5	FILL, STATION **********			Ш
		(23+82.275 -FLYOVER-)	55.2	М	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH			(1050MM)
		FILL, STATION ************************************	86.4	М	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH			IV
•		FILL, STATION *********	120	м	(1350MM) ****MM RC PIPE CULVERTS, CLASS
T C	10	(58+10+.083 -L- WBL)	120	141	IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			(1500MM)
		(58+19.940 -L- EBL)	78	М	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	REINFORCED BRIDGE APPROACH			(600MM)
		FILL, STATION ************************************	343.2	М	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH			IV (000 AD
-		FILL, STATION **********	1	EA	(900MM) ****MM PIPE END SECTION
Lump Sum	LS	(66+15.645 -L- WBL) REINFORCED BRIDGE APPROACH	-	1	(375MM)
Lump Sum	Lo	FILL, STATION **********	1	EA	****MM PIPE END SECTION
		(66+24.323 -L- EBL)	701.0	v	(450MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	721.2	М	400MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
		(66+28.850 -CDR-)	159.6	М	450MM BIT COAT CS PIPE CUL-
Lump Sum	LS	REINFORCED BRIDGE APPROACH			VERTS, TYPE B 1.63MM THICK
		FILL, STATION ************************************	109.2	М	600MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH	72	М	800MM BIT COAT CS PIPE CUL-
		FILL, STATION *********			VERTS, TYPE B 2.01MM THICK
46 501	10	(77+44.000 -L- WBL)	60	М	900MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
46,581 1,575	M3 MTN	UNDERCUT EXCAVATION CLASS IV SUBGRADE STABILIZA-	39.6	м	1000MM BIT COAT CS PIPE CUL-
1,575		TION			VERTS, TYPE B 2.77MM THICK
3,889,100	M3	BORROW EXCAVATION	2	EA	***MM BIT COAT CS PIPE ELBOWS,
19	EA	EMBANKMENT SETTLEMENT GAUGES			TYPE B ****MM THICK (1000MM, 2.77MM)
26,490	M3	DRAINAGE DITCH EXCAVATION	2	EA	***MM BIT COAT CS PIPE ELBOWS,
1,500	M	BERM DITCH CONSTRUCTION			TYPE B ****MM THICK
37,860	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			(900MM, 2.01MM)
5,500	M2	BREAKING OF EXISTING ASPHALT	43	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
		PAVEMENT	8	EA	450MM BIT COAT CS PIPE ELBOWS,
147	HR	PROOF ROLLING			TYPE B 1.63MM THICK
32,200	M3 M2	SELECT GRANULAR MATERIAL	8	EA	600MM BIT COAT CS PIPE ELBOWS,
37,800 210	M2 M2	FABRIC FOR SOIL STABILIZATION		E 4	TYPE B 1.63MM THICK
34,000	M2 M3	TEMPORARY SHORING GENERIC GRADING ITEM	4	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
51,000		BORROW MATERIAL FOR GEOGRID	2,730.6	М	PIPE REMOVAL
	1.00	REINFORCEMENT	Lump Sum	LS	FINE GRADING
2,500	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	35	MTN	#57 STONE

13,750	MTN	STABILIZER AGGREGATE
263,200	MTN	AGGREGATE BASE COURSE
2,500	MTN	INCIDENTAL STONE BASE
425,369 540	L M2	PRIME COAT INCIDENTAL MILLING
540 720	MTN	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
54,278	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
11,600	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
86,980	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
14,045	MTN	ASPHALT CONC SURFACE COURSE,
87,750	MTN	TYPE S9.5B ASPHALT CONC SURFACE COURSE,
2,040	MTN	TYPE \$9.5C ASPHALT CONC SURFACE COURSE,
3,680	MTN	TYPE S9.5D ASPHALT CONC SURFACE COURSE,
715	MTN	TYPE SF9.5A ASPHALT CONC SURFACE COURSE,
8,090	MTN	TYPE S12.5C ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
5,315	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
120	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
120	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
39,950	М	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
1,905	M3	SUBDRAIN EXCAVATION
953	M3	SUBDRAIN FINE AGGREGATE
2,300	M	150MM PERFORATED SUBDRAIN PIPE
230	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
16	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
32	М	150MM OUTLET PIPE (SUBDRAINS)
24.9	M3	ENDWALLS
8.5	M3	REINFORCED ENDWALLS
2	M3	PIPE COLLARS PIPE PLUGS
1 449	M3 EA	MASONRY DRAINAGE STRUCTURES
140.01	M	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH GRATE, STD 840.22
93	EA	FRAME WITH TWO GRATES, STD 840.16
76	EA	FRAME WITH TWO GRATES, STD 840.20
137	EA	FRAME WITH TWO GRATES, STD
2	EA	840.22 FRAME WITH TWO GRATES, STD
4	EA	840.24 FRAME WITH TWO GRATES, STD
22	EA	840.29 FRAME WITH GRATE & HOOD, STD
		840.03, TYPE ** (E)
39	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
46	EA	(F) FRAME WITH GRATE & HOOD, STD
40	LA	840.03, TYPE ** (G)
14	EA	FRAME WITH COVER, STD 840.54
11	М	*** X ***MM CONCRETE CURB
		(225MM X 300MM)
3,360 6,400	M M	450MM CONCRETE CURB & GUTTER 750MM CONCRETE CURB & GUTTER
1,295	M	SHOULDER BERM GUTTER
2	EA	MODIFIED CONCRETE FLUME
4,975	М	CONCRETE EXPRESSWAY GUTTER
950	Μ	CONCRETE VALLEY GUTTER
20	EA	CONCRETE WHEELCHAIR RAMPS
16	M2 M2	150MM CONCRETE DRIVEWAY
4,400 5,240	M2 M2	100MM CONCRETE ISLAND COVERS 125MM MONOLITHIC CONCRETE IS-
		LANDS (SURFACE MOUNTED)
1,730	М	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
1	EA EA	ADJUSTMENT OF CATCH BASINS
4	EA	IMPACT ATTENUATOR UNIT, TYPE 350
14,081.79	М	STEEL BM GUARDRAIL
212.97	М	STEEL BM GUARDRAIL, SHOP CURVED
16	EA	STEEL BM GUARDRAIL TERMINAL
	-	SECTIONS

		CAT-1
64	EA	GUARDRAIL ANCHOR UNITS, TYPE
17	EA	350 GUARDRAIL ANCHOR UNITS, TYPE
72	EA	M-350 GUARDRAIL ANCHOR UNITS, TYPE
20	м	B-77 REMOVE & RESET EXISTING GUIDE-
		RAIL
1,600	М	REMOVE EXISTING GUARDRAIL
72.39	M	TEMPORARY STEEL BM GUARDRAIL
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
8,100	М	DOUBLE FACED CABLE GUIDERAIL
6	EA	ADDITIONAL GUIDERAIL POSTS
37	EA	CABLE GUIDERAIL ANCHOR UNITS
20,180	М	WOVEN WIRE FENCE, 1200MM FAB- RIC
4,193	EA	100MM TIMBER FENCE POSTS,
959	EA	2.30M LONG 125MM TIMBER FENCE POSTS,
		2.50M LONG
5,140	М	CHAIN LINK FENCE, ****MM FABRIC
1 206	EA	(2100MM) METAL LINE POSTS FOR ****MM
1,396	EA	CHAIN LINK FENCE
52	EA	(2100MM) METAL TERMINAL POSTS FOR
52	LA	****MM CHAIN LINK FENCE
100	М	(2100MM)
2	EA	ADDITIONAL BARBED WIRE DOUBLE GATES, ****MM HIGH,
2	2.11	****MM WIDE, ****MM OPENING
	-	(1200MM, 3050MM, 6100MM)
1	EA	GENERIC FENCING ITEM GATE, 2100MM HIGH,
		26800MM OPENING
1,915	MTN	RIP RAP, CLASS I
3,035	MTN	RIP RAP, CLASS B
32,050	M2	FILTER FABRIC FOR DRAINAGE
8	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
25	M3	REINFORCED CONCRETE SIGN FOUN-
312	М3	DATIONS OVERHEAD FOOTING
7,119	KG	SUPPORTS, BREAKAWAY STEEL BEAM
3,398	KG	SUPPORTS, SIMPLE STEEL BEAM
3,398 1,220	KG M	SUPPORTS, 4.5-KG STEEL U-CHANN
1,220		SUPPORTS, 4.5-KG STEEL U-CHANN EL
	М	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC-
1,220 23	M EA	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
1,220 23	M EA	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09 -L- C)
1,220 23 Lump Sum	M EA LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum	M EA LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09 -L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21 -L- D)
1,220 23 Lump Sum	M EA LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum	M EA LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09 -L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21 -L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00 -L- E)
1,220 23 Lump Sum Lump Sum	M EA LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum	M EA LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum	M EA LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum	M EA LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-L-PZD-) SUPPORTS, OVERHEAD SIGN STRUC-
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC-
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+42.73 -LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00 -L- F)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.01-LF) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP3D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00-Y2-)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.03-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L- F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L- F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+4.000-Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32,73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00-Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42-Y12-I)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L- C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+02-L- D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00 -L- E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00 -LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73 -LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00 -L- F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42 -Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.03-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+82-Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+48-Y12-G)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (104+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42, 01-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42, Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+8-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC-
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+42.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP3-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (13#400-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+48 -Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00-FLYOVER-)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.40-L-P2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.40-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP3D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00-Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00-Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+2 Y12-I) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+2 Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+32 Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00-FLYOVER-) SUPPORTS, OVERHEAD SIGN STRUC-
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+42.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+44.00-LP3-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (13#400-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+48 -Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00-FLYOVER-)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.03-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+82-Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+82-Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+48-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+48-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******* (16+48-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******** (16+40-0-Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ********************************
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00-Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42-Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+48-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.0-FLYOVER-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.0-Y2-)
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+21-L-D) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (108+00-L-E) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00-LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.03-LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00-LPB-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00-L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+82-Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+82-Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+48-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******* (16+48-Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *******
1,220 23 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M EA LS LS LS LS LS LS LS LS LS LS	SUPPORTS, 4.5-KG STEEL U-CHANN EL SUPPORTS, 3-KG STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (102+09-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (103+00-L-C) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+04.00 -LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73 -LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+32.73 -LP2B-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LP2D-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (12+40.00 -LP3-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (138+00 -L-F) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+40.00 -Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (14+42 -Y12-1) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (16+44 -Y12-G) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+00.00 -FLYOVER-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (19+20.00 -Y2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******* (19+20.00 -Y2-)

 110
 EA
 ADDITIONAL GUARDRAIL POSTS

 56
 EA
 GUARDRAIL ANCHOR UNITS, TYPE CAT-1

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Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
Lump Sum	LS	(30+95.00 -Y1-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
Lump Sum	LS	(31+85.00 -Y1-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******
Lump Sum	LS	(41+02.00 -COL2-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (41/70 AD DRUED)
Lump Sum	LS	(41+70.00 -RP1BD-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA******
Lump Sum	LS	(51+53.00 -L-) SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (51+69.00 -CDR-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (55+48.00 -L-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (64+85.00 -L-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (7+00 -Y12- H)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (81+11.00 -L-)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (89+20 -L- A)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (97+20 -L- B)
11	EA	SIGN ERECTION, TYPE D
147	EA	SIGN ERECTION, TYPE E
25	EA	SIGN ERECTION, TYPE F
49	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)
16	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (B)
42	EA EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE ***
23	EA	(GROUND MOUNTED) (B) SIGN ERECTION, MILEMARKERS
1	EA	SIGN ERECTION, WIELMARKERS
		MOUNTED)
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
21	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1	EA	STOCKPILE SIGN, A OR B (GROUND MOUNTED)
5	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
19	EA	DISPOSAL OF SIGN, D, E OR F
171	M2	WORK ZONE SIGNS (STATIONARY)
115	M2	WORK ZONE SIGNS (PORTABLE)
40	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW PANELS, TYPE C
6	EA	CHANGEABLE MESSAGE SIGN
30	DAY	CHANGEABLE MESSAGE SIGN (SHORT TERM)
575	EA	DRUMS
200	EA	CONES
242	М	BARRICADES (TYPE III)
600	MD	FLAGGER
6	EA	TEMPORARY CRASH CUSHIONS
2	EA	TMIA
1,145 300	M M	PORTABLE CONCRETE BARRIER RESET PORTABLE CONCRETE BAR- RIER
304	HR	POLICE
75	EA	SKINNY DRUM
85 721	EA EA	TUBULAR MARKERS (FIXED) TEMPORARY RAISED PAVEMENT
10,645	м	MARKERS THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
8,784	М	THERMOPLASTIC PAVEMENT MARKING
58,286	М	LINES (100MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
9,321	М	LINES (150MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING LINES (150MM, 3.1MM)

		1
438	М	THERMOPLASTIC PAVEMENT MARKING
5,969	м	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
413	м	LINES (300MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING
24	EA	LINES (600MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (3.1MM)
334	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
384	М	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM) (IV)
98,348	М	PAINT PAVEMENT MARKING LINES (100MM)
1,200	М	PAINT PAVEMENT MARKING LINES (200MM)
268	М	PAINT PAVEMENT MARKING LINES (600MM)
4	EA	PAINT PAVEMENT MARKING SYMBOL
446	м	POLYUREA PAVEMENT MARKING LINES (100MM, *********) (HIGHLY REFLECTIVE ELEMENTS)
6,424	М	POLYUREA PAVEMENT MARKING LINES (150MM, *********)
5,575	М	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING
6,624	м	LINES (100MM) CURING COMPOUND REMOVAL, LINES
651	EA	PERMANENT RAISED PAVEMENT MARKERS
4,058	EA	SNOWPLOWABLE PAVEMENT MARKERS
21 500	EA EA	2.1M U-CHANNEL POSTS
500 176	EA	FLEXIBLE DELINEATORS (CRYSTAL) FLEXIBLE DELINEATORS (YELLOW)
20	EA	FLEXIBLE DELINEATORS (CRYSTAL
20	EA	& RED) FLEXIBLE DELINEATORS (YELLOW &
24	EA	RED)
24	EA	OBJECT MARKERS (END OF ROAD) 24.5M HIGH MOUNT STANDARD
10	EA	30.5M HIGH MOUNT STANDARD
23	EA	36.5M HIGH MOUNT STANDARD
2	EA	PORTABLE DRIVE UNIT
255.5	M3	HIGH MOUNT FOUNDATIONS
24	EA	HIGH MOUNT LUMINAIRES ******** (400W, 480V)
244	EA	HIGH MOUNT LUMINAIRES ******** (750W, 480V)
5	EA	ELECTRIC SERVICE POLE **** ********* (9M)
150	М	ELECTRIC SERVICE LATERAL
137	М	(3-#1/0 USE, TS2 RGC) ELECTRICAL DUCT, TYPE BD, SIZE
		**** (TS2)
1,000	м	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS3)
88	М	ELECTRICAL DUCT, TYPE BD, SIZE
560	М	(TS4) ELECTRICAL DUCT, TYPE BD, SIZE
10		**** (TS6)
18 2,348	M M	** #8 W/G FEEDER CIRCUIT (2) ** #2 W/G FEEDER CIRCUIT
2,348 652	м	(2) ************************************
663	м	(2-#1 W/G) ***#8 W/G FEEDER CIRCUIT IN
005	IVI	SIZE *** CONDUIT (2, TS1.5)
9,186	м	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
2,823	М	***#1 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT
86	EA	(2, TS2) ELECTRICAL JUNCTION BOXES
= .	T (**************************************
20	EA	ELECTRICAL JUNCTION BOXES
6	EA	UNDERPASS LUMINARIES ************************************
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******* (AT US-401)
Lump Sum	LS	PORTABLE LIGHTING
2	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW,
		480V, 150A

					Page :
			325	М	PLOWING (*********)
			685	М	(2, 50MM) DIRECTIONAL DRILL (*********)
3	EA	GENERIC LIGHTING ITEM LIGHT CONT EQUIPMENT, RW,	28 11	EA EA	(2, 50MM) JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEA-
15	М	480V, 200A 50MM WATER LINE	3	EA	50MM RISER WITH HEAT SHRINK
58	М	150MM WATER LINE	3	EA	TUBING
106 1,204	M M	200MM WATER LINE 400MM WATER LINE	2,650	М	INDUCTIVE LOOP SAWCUT
1,096	М	600MM WATER LINE	4,350	М	LEAD-IN CABLE (**********) (14-2)
1	EA	50MM VALVE	625	М	COMMUNICATIONS CABLE (**FIBER)
1 4	EA EA	150MM VALVE 200MM VALVE	500	М	(12) DROP CABLE
4	EA	400MM VALVE	2	EA	SPLICE ENCLOSURE
1	EA	RELOCATE WATER METER	5	EA	INTERCONNECT CENTER
3	EA EA	RECONNECT WATER METER RELOCATE FIRE HYDRANT	5	EA	FIBER-OPTIC TRANSCEIVER, SELF- HEALING RING
176	М	200MM SANITARY GRAVITY SEWER	10	EA	DELINEATOR MARKER
5	EA	1200MM DIA UTILITY MANHOLE	2	EA	FURNISH FIBER-OPTIC RESTORA- TION KIT
4.84	М	UTILITY MANHOLE WALL, 1200MM DIA	2	EA	FURNISH FIBER-OPTIC TRANSCEIV-
516	М	ABANDON 150MM UTILITY PIPE	4	EA	ER 900MHZ WIRELESS RADIO SYSTEM
818 1,181	M M	ABANDON 200MM UTILITY PIPE ABANDON 400MM UTILITY PIPE	4 27	EA	METAL STRAIN SIGNAL POLE
1,181	M	ABANDON 400MM UTILITY PIPE	27	EA	SOIL TEST
9	EA	ABANDON UTILITY MANHOLE	135	M3	DRILLED PIER FOUNDATION
60	MTN	GENERIC UTILITY ITEM	13 6	EA EA	SIGN FOR SIGNALS SIGNAL CABINET FOUNDATION
65,200	М	FOUNDATION COND MATERIAL TEMPORARY SILT FENCE	6	EA	CONTROLLER WITH CABINET (TYPE
	MTN	STONE FOR EROSION CONTROL,		-	2070L, BASE MOUNTED)
40 500	MTN	CLASS A	38 6	EA EA	DETECTOR CARD (TYPE 2070L) CABINET BASE EXTENDER
40,500	MTN	STONE FOR EROSION CONTROL, CLASS B	1	EA	GENERIC SIGNAL ITEM
21,895	MTN	SEDIMENT CONTROL STONE			FURNISH WIRELESS LIGHTING
310.5	HA	TEMPORARY MULCHING	1	EA	ARRESTOR GENERIC SIGNAL ITEM
5,425 34.5	KG MTN	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-	ŕ		FURNISH WIRELESS RADIO MODEM
•		ING			
12,910 159	M EA	TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY			
139	EA	SLOPE DRAINS			******* BEGIN SCHEDULE AA ******* ******* (3 ALTERNATES) *******
9,800	М	SAFETY FENCE	5,718	М	375MM RC PIPE CULVERTS, CLASS
56,145 369,100	M3 M2	SILT EXCAVATION	2,280	М	III 450MM RC PIPE CULVERTS, CLASS
509,100 790	M2 M2	MATTING FOR EROSION CONTROL COIR FIBER MAT	2,200	101	III
25,800	M2	PERMANENT SOIL REINFORCEMENT MAT	4,195.2	М	600MM RC PIPE CULVERTS, CLASS III
1,740	М	6.4MM HARDWARE CLOTH	3,188.4	М	750MM RC PIPE CULVERTS, CLASS III
25 30	M M	***MM TEMPORARY PIPE (600MM) TEMPORARY PIPE FOR STREAM	1,239.6	М	900MM RC PIPE CULVERTS, CLASS III
1,180	M3	CROSSING STILLING BASINS	234	М	1050MM RC PIPE CULVERTS, CLASS III
4	EA	SPECIAL STILLING BASINS	105.6	М	1200MM RC PIPE CULVERTS, CLASS III
1,700	М	WATTLE			*** OR ***
1,344 4,845	KG M	POLYACRYLAMIDE (PAM) COIR FIBER BAFFLES	4,264.8	М	375MM RC PIPE CULVERTS, CLASS
4,045	EA	***MM SKIMMER	1,108.8	М	III 450MM RC PIPE CULVERTS, CLASS
89	EA	(102MM) ***MM SKIMMER	2,230.8	м	III 600MM RC PIPE CULVERTS, CLASS
30	EA	(38MM) ***MM SKIMMER	1,129.2	м	III 750MM RC PIPE CULVERTS, CLASS
11	EA	(51MM) ***MM SKIMMER	218.4	м	900MM RC PIPE CULVERTS, CLASS
5	EA	(64MM) ***MM SKIMMER	174	м	III 1050MM RC PIPE CULVERTS, CLASS
671.1	HA	(76MM) SEEDING & MULCHING	103.2	м	III 1200MM RC PIPE CULVERTS, CLASS
371	HA	MOWING	105.2	IVI	III
7,975 26.75	KG MTN	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING	60	М	****MM HDPE PIPE CULVERTS (1000MM)
6,650	KG	SEED FOR SUPPLEMENTAL SEEDING	2.4	М	****MM HDPE PIPE CULVERTS
396	MTN	FERTILIZER TOPDRESSING			(1200MM)
360	M	IMPERVIOUS DIKE	1,453.2	М	****MM HDPE PIPE CULVERTS (400MM)
1,014.5 216	HR EA	SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL	1,171.2	М	****MM HDPE PIPE CULVERTS
1,463	M3	CULVERT DIVERSION CONTROL	1 064 4	м	(450MM)
9	HA	REFORESTATION	1,964.4	М	****MM HDPE PIPE CULVERTS (600MM)
2,660 74	M EA	SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3	2,059.2	М	****MM HDPE PIPE CULVERTS
	EA	SECTION)	1,021.2	М	(800MM) ****MM HDPE PIPE CULVERTS
1		VEHICLE SIGNAL HEAD (300MM, 4 SECTION)			(900MM) *** OR ***
1	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)	4,264.8	М	375MM RC PIPE CULVERTS, CLASS III
1,300	М	MESSENGER CABLE (9.52MM)	1,108.8	М	111 450MM RC PIPE CULVERTS, CLASS
950 15	M M	TRACER WIRE PAVED TRENCHING (**********)	0.000.0	м	III 600MM DC DIDE CUILVEDTS, CLASS
		(1, 50MM)	2,230.8	М	600MM RC PIPE CULVERTS, CLASS III
1,150	М	UNPAVED TRENCHING (********) (1, 50MM)			

1,129.2	М	750MM RC PIPE CULVERTS, CLASS III
218.4	М	900MM RC PIPE CULVERTS, CLASS III
174	М	1050MM RC PIPE CULVERTS, CLASS III
103.2	М	1200MM RC PIPE CULVERTS, CLASS III
60	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (1000MM, 2.01MM)
2.4	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (1200MM, 2.01MM)
1,453.2	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)
1,171.2	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (450MM, 1.63MM)
1,964.4	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)
2,059.2	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)
1,021.2	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ****** (105+03.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (130+30.000-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (14+14.000-Y-REV)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (2+98.000-Y-RAMPA)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (46+47.000-L-)
1,141	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,753.5	M3	CLASS A CONCRETE (CULVERT)
140,447	KG	REINFORCING STEEL (CULVERT)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM AT STA**********************************

WALL ITEMS

5,327	M2	MSE RETAINING WALLS
2,636	M2	GENERIC RETAINING WALL ITEM MSE RETAINING WALLS, TWO STAGE
5,895	M2	GENERIC RETAINING WALL ITEM SOUND BARRIER WALL
3,976.408	M2	GENERIC RETAINING WALL ITEM VISUAL BARRIER WALL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(118+17.500-L-WBL)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(16+72.000-FLYOVER-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(58+15.000-L-LT)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(77+44.00-L-LT)

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***********
Lump Sum	LS	(58+35.000-CDR-) FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
Lump Sum	LS	(1,102+62.953-L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	(1,146+39.081-L-EBL) FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
Lump Sum	LS	(1,146+39.081-L-WBL) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	(1,66+01.153-L-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	(1,66+01.153-L-RT) FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
Lump Sum	LS	(1,66+11.952-CDR-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	(1,77+44.00-L-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************
Lump Sum	LS	(1,77+44.00-L-RT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************
Lump Sum	LS	(2,146+39.081-L-EBL) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	(2,146+39.081-L-WBL) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	(3,146+39.081-L-EBL) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
18	EA	PDA TESTING
18	EA	PDA ASSISTANCE
43,816.1	M2	REINFORCED CONCRETE DECK SLAB
41,777	M2	GROOVING BRIDGE FLOORS
997.8	M3	CLASS AA CONCRETE (BRIDGE)
5,396.1	M3	CLASS A CONCRETE (BRIDGE)
,		BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	**************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum Lump Sum	LS LS	BRIDGE APPROACH SLABS, STATION (16+72.000-FLYOVER-) BRIDGE APPROACH SLABS, STATION
	LS	BRIDGE APPROACH SLABS, STATION (41+33.963-RP1BD-) BRIDGE APPROACH SLABS, STATION
Lump Sum Lump Sum	LS	(41+41.155-COL2-) BRIDGE APPROACH SLABS, STATION
Samp built		(56+05.973-CDR-)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(58+15.000-L-LT) BRIDGE APPROACH SLABS, STATION *******
Lump Sum	LS	(58+15.000-L-RT) BRIDGE APPROACH SLABS, STATION *******
Lump Sum	LS	(58+35.000-CDR-) BRIDGE APPROACH SLABS, STATION *******
Lump Sum	LS	(63+66.830-L-) BRIDGE APPROACH SLABS, STATION ******
Lump Sum	LS	(66+01.153-L-LT) BRIDGE APPROACH SLABS, STATION *******
Lump Sum	LS	(66+01.153-L-RT) BRIDGE APPROACH SLABS, STATION ******
Lump Sum	LS	(66+11.952-CDR-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(77+44.00-L-LT) BRIDGE APPROACH SLABS, STATION
		(77+44.00-L-RT)
599,365	KG	REINFORCING STEEL (BRIDGE)
41,360	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,950.624	М	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
3,375.02	М	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
1,813,815	LS	APPROX KG STRUCTURAL STEEL
21,908	М	HP310X79 STEEL PILES
11,936	M	HP310X79 GALVANIZED STEEL PILES
7,562.1	М	HP360X108 STEEL PILES
570	M	HP360X108 GALVANIZED STEEL PILES
754	EA	PILE REDRIVES
5,715.431	М	CONCRETE BARRIER RAIL
223.92	М	*** X ****MM CONCRETE PARAPET
		(305 X 457)
125.28	М	****MM CHAIN LINK FENCE (1829MM)
4,966	M2	100MM SLOPE PROTECTION
12,831	MTN	RIP RAP CLASS II (600MM THICK)
13,509	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
781.872	М	914MM X 533MM PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,018,000KG STRUCTURAL STEEL
Lump Sum	LS	GENERIC STRUCTURE ITEM APPROXIMATELY 1,044,800KG STRUCTURAL STEPI
Lump Sum	LS	STRUCTURAL STEEL GENERIC STRUCTURE ITEM APPROXIMATELY 1,542,000KG
1,282.311	M2	STRUCTURAL STEEL GENERIC STRUCTURE ITEM VISUAL BARRIER WALL ON STRUCTURE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C201495 33225.3.1

DIV OFFICE GREENVILLE

L081118 007 LENGTH = 0.884 MI

COUNTY : PITT

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : MAY 15 2012

BRIDGES #127 & #129 OVER TAR RIVER AND APPROACHES ON SR-1565.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
- 40	мо	FIELD OFFICE
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION *********
		(38+88.50)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-
		BING
8,400	CY	UNDERCUT EXCAVATION
1	EA	EMBANKMENT SETTLEMENT GAUGES
335	CY	DRAINAGE DITCH EXCAVATION
200	SY	FABRIC FOR SOIL STABILIZATION
4,350	SF	TEMPORARY SHORING
8,200	CY	GENERIC GRADING ITEM
		SELECT MATERIAL, CLASS III
80	TON	FOUNDATION CONDITIONING MATE-
		RIAL, MINOR STRS
20	LF	15" SIDE DRAIN PIPE
24	LF	18" SIDE DRAIN PIPE
208	LF	18" RC PIPE CULVERTS, CLASS
		Ш
300	LF	48" RC PIPE CULVERTS, CLASS
		Ш
68	LF	60" RC PIPE CULVERTS, CLASS
116	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK
120	LF	**" WELDED STEEL PIPE IN SOIL
120	Lr	(60")
60	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
	GAL	PRIME COAT
57	SY	
300		INCIDENTAL MILLING
2,610	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,420	TON	ASPHALT CONC SURFACE COURSE,
1,420	TON	TYPE S9.5B
205	TON	ASPHALT BINDER FOR PLANT MIX,
205	1010	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, &
, i	2011	ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE
		OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
36.7	CY	ENDWALLS
5.6	CY	REINFORCED ENDWALLS
0.893	CY	PIPE COLLARS
7	EA	MASONRY DRAINAGE STRUCTURES
10.2	CY	MASONRY DRAINAGE STRUCTURES
3	LF	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD
		840.29
2	EA	FRAME WITH COVER, STD 840.54
95	LF	SHOULDER BERM GUTTER
2,750	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE
		350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
		B-77
74	TON	RIP RAP, CLASS I
242	TON	RIP RAP, CLASS B
2,584	SY	FILTER FABRIC FOR DRAINAGE
3	EA	PREFORMED SCOUR HOLES WITH
		LEVEL SPREADER APRON
41	LF	SUPPORTS, WOOD
•	ET A	OCM EDECTION TYPE F

41	Lr	SUFFORTS, WOOD
3	EA	SIGN ERECTION, TYPE E

		DIGDOG LL OF GLOV GUGTER (WOOD
11 40	EA SF	DISPOSAL OF SIGN SYSTEM, WOOD WORK ZONE SIGNS (BARRICADE
40	31	MOUNTED)
30	EA	DRUMS
95	EA	CONES
60	LF	BARRICADES (TYPE III)
740	HR	FLAGGER
3	EA	TEMPORARY CRASH CUSHIONS
1 2	EA EA	RESET TEMPORARY CRASH CUSHIONS TMIA
249	LF	PORTABLE CONCRETE BARRIER
212		(ANCHORED)
86	EA	TEMPORARY RAISED PAVEMENT MARKERS
5,330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
5,330	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
8,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
6,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
30,332	LF	(IV) PAINT PAVEMENT MARKING LINES (4")
59	EA	(4) PERMANENT RAISED PAVEMENT MARKERS
8,100	LF	TEMPORARY SILT FENCE
50	TON	STONE FOR EROSION CONTROL,
		CLASS A
1,085	TON	STONE FOR EROSION CONTROL, CLASS B
730	TON	SEDIMENT CONTROL STONE
12	ACR	TEMPORARY MULCHING
450	LB	SEED FOR TEMPORARY SEEDING
2.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
750	LF	TEMPORARY SLOPE DRAINS
16	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,000	LF	SAFETY FENCE
2,165	CY	SILT EXCAVATION
1,380	SY	MATTING FOR EROSION CONTROL
20	SY	COIR FIBER MAT
80	LF	1/4" HARDWARE CLOTH
25 750	EA LF	SPECIAL STILLING BASINS COIR FIBER BAFFLES
2	EA	**" SKIMMER
		(1-1/2")
1	EA	**" SKIMMER
19	ACR	(2") SEEDING & MULCHING
19	ACR	MOWING & MOLCHING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
475	LB	SEED FOR SUPPLEMENTAL SEEDING
13.75	TON	
430	LF	IMPERVIOUS DIKE
6	HR	SPECIALIZED HAND MOWING
36	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
3.05	ACR	WETLAND REFORESTATION
3.05	ACR	GENERIC EROSION CONTROL ITEM DISKING
3.05	ACR	GENERIC EROSION CONTROL ITEM RIPPING

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION ************************************
401	LF	(38+88.50-L-) **'-**" DIA DRILLED PIERS (4'-6")
1,362	LF	**'-**" DIA DRILLED PIERS (5'-6")
10	LF	PERMANENT STEEL CASING FOR **'-**" DIA DRILLED PIER (4'-6")
517.2	LF	PERMANENT STEEL CASING FOR **'.**" DIA DRILLED PIER (5'-6")
3	EA	PDA TESTING
3	EA	PDA ASSISTANCE
12	EA	SID INSPECTION
12	EA	SPT TESTING
4	EA	CROSSHOLE SONIC LOGGING
65,212	SF	REINFORCED CONCRETE DECK SLAB
53,997	SF	GROOVING BRIDGE FLOORS
409.8	CY	CLASS AA CONCRETE (BRIDGE)
667.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Dump Sum	2.0	*******
		(38+88.50-L-)
658,010	LB	REINFORCING STEEL (BRIDGE)
80,157	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
7,797.33	LF	54" PRESTRESSED CONCRETE GIR- DERS
675	LF	PP ** X **** STEEL PILES (12" X 0.375")
4,560	LF	PP ** X **** GALVANIZED STEEL PILES (12" X 0.375")
2,820	LF	PP ** X **** GALVANIZED STEEL PILES (24" X 0.500")
178	EA	PIPE PILE PLATES
85	EA	PILE REDRIVES
3,922.5	LF	CONCRETE BARRIER RAIL
1,036	TON	RIP RAP CLASS II (2'-0" THICK)
1,151	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT
•		STA*********
		(38+88.50-L-)
Lump Sum	LS	SOLAR ARRAY SUPPORT PLATFORM

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C202140 2CR.10251.8

DIV OFFICE GREENVILLE

L081118 008 LENGTH = 10.400 MI

COUNTY : CRAVEN

WIDENING, RESURFACING, SHOULDER RECONST & PAVEMENT REMOVAL.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : OCT 01 2009

NC-55 FROM 0.3 MI EAST OF SR-1475 TO SR-1480.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
20.8	SMI	SHOULDER RECONSTRUCTION
10,324	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
6,003	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
14,154	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
1,575	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
111,904	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
68,640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
26	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C202139 2CR.10251.9

DIV OFFICE GREENVILLE

L081118 009 LENGTH = 3.740 MI

COUNTY : CRAVEN

MILLING, RESURFACING & RAISED MEDIAN.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2009

US-70 FROM TRADER AVE TO FOREST HILL DR IN HAVELOCK & NC-101 FROM US-70 TO SR-1735

(CUNNINGHAM BLVD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,481	CY	BORROW EXCAVATION
9,759	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
73,626	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
277	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
7,232	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
13	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
435	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
8,272	LF	1'-6" CONCRETE CURB & GUTTER
1,299	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
150	EA	DRUMS
2	EA	TMIA
18,935	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,264	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
405	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
352	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,234	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
60	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
130	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
18,935	LF	PAINT PAVEMENT MARKING LINES (4")
1,669	LF	PAINT PAVEMENT MARKING LINES (8")
352	LF	PAINT PAVEMENT MARKING LINES (16")
1,234	LF	PAINT PAVEMENT MARKING LINES (24")
60	EA	PAINT PAVEMENT MARKING CHARAC- TER
130	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	PORTABLE LIGHTING
1.54	ACR	SEEDING & MULCHING

CONTRACT ID : C202184 3.106711

DIV OFFICE WILMINGTON

L081118 010 LENGTH = 7.170 MI

COUNTY : ONSLOW, PENDER

WIDENING, MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : NOV 20 2009 2 SECTIONS OF US-258, 1 SECTION OF NC-24, 1 SECTION OF NC-50, 1 SECTION OF NC-210 AND 6 SECTIONS OF

SECONDARY RDS.

Lump Sum	LS	MOBILIZATION
1,879	CY	BORROW EXCAVATION
0.34	SMI	GENERIC GRADING ITEM
20	TON	GRADING PER SHOULDER MILE
30	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
280	LF	18" RC PIPE CULVERTS, CLASS
		ш
150	LF	PIPE REMOVAL
354	TON	AGGREGATE BASE COURSE
830	TON	INCIDENTAL STONE BASE
6.87 19,154	SMI SY	SHOULDER RECONSTRUCTION
19,154	51	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
16,843	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")
59,674	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (4")
7,699	SY	INCIDENTAL MILLING
427	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
164	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
654	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
9,525	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
7,540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
50	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
11,621	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
952	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
705	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
205	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
492	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
7	EA	CONCRETE WHEELCHAIR RAMPS
981	LF	GENERIC PAVING ITEM
		2'-6" CURB & GUTTER
2	EA	REMOVE AND REPLACE ADJUSTMENT OF DROP INLETS
3 17	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
2	EA	CHANGEABLE MESSAGE SIGN
2	EA	TMIA
66,416	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
59,966	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,167	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
76	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS) THERMORIASTIC PAVEMENT MARKING
331 52.721	EA LF	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) PAINT PAVEMENT MARKING LINES
JL. 1 L	T/L	TATAL TA VENDERT MARKING LINES

		. ,
52,721	LF	PAINT PAVEMENT MARKING LINES
32,721	Lr	PAINT PAVEMENT MARKING LINES
		(411)
		(4")

100	LF	PAINT PAVEMENT MARKING LINES (8")
371	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
95	EA	PAINT PAVEMENT MARKING SYMBOL
1,400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
141	EA	PERMANENT RAISED PAVEMENT MARKERS
1,732	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1,920	LF	TEMPORARY SILT FENCE
159	TON	STONE FOR EROSION CONTROL, CLASS B
161	TON	SEDIMENT CONTROL STONE
6	ACR	TEMPORARY MULCHING
310	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEED- ING
25	SY	MATTING FOR EROSION CONTROL
310	LF	1/4" HARDWARE CLOTH
5.8	ACR	SEEDING & MULCHING
11,250	LF	INDUCTIVE LOOP SAWCUT
3,600	LF	LEAD-IN CABLE (**********) (18-4)

CONTRACT ID : C201978 41439.3.2

COUNTY : NEW HANOVER

ITS, COMPUTERIZED SIGNAL SYSTEM.

WILMINGTON - PHASE II, CENTRAL SECTION.

DIV OFFICE WILMINGTON

L081118 011 LENGTH = 20.800 MI

DBE GOAL 0.0% COMPLETION DATE : JUN 01 2011

		ROADWAY ITEMS	7 EA	GENERIC SIGNAL ITEM
			92 EA	
Lump Sum	LS	MOBILIZATION	4 EA	DOWN GUY ASSEMBLY GENERIC SIGNAL ITEM
840	SF	WORK ZONE SIGNS (PORTABLE)	4 12/	DROP CABLE ASSEMBLY (>400')
72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	16 EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (150')
3 3	EA EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGN	26 EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (200')
150 150	EA EA	DRUMS CONES	26 EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (300')
50	LF	BARRICADES (TYPE III)	8 EA	GENERIC SIGNAL ITEM
450	HR	FLAGGER	11 5	DROP CABLE ASSEMBLY (400')
3	EA	TMIA	11 EA	GENERIC SIGNAL ITEM DROP CABLE ASSEMBLY (50')
600 100	HR EA	POLICE SKINNY DRUM	10 EA	GENERIC SIGNAL ITEM
1,335	LF	SIGNAL CABLE		FIBER-OPTIC VIDEO/DATA RECEIV- ER
2	EA	VEHICLE SIGNAL HEAD (12", 3	10 EA	
4		SECTION)		FIBER-OPTIC VIDEO/DATA TRANS-
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)	5 EA	MITTER GENERIC SIGNAL ITEM
1	EA	VEHICLE SIGNAL HEAD (12", 5	5 17	FURNISH 2010ECL-NC ENHANCED
		SECTION)		CONFLICT MONITOR
2,205 7,230	LF LF	MESSENGER CABLE (1/4") TRACER WIRE	4 EA	GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
100	LF	DIRECTIONAL DRILL (*********)	3 EA	GENERIC SIGNAL ITEM
		(1, 1-1/4")	2 5	FURNISH 332 CABINET
2,145	LF	DIRECTIONAL DRILL (********) (2, 1-1/4")	2 EA	GENERIC SIGNAL ITEM FURNISH 336S CABINET
11	EA	JUNCTION BOX (*************)	1 EA	GENERIC SIGNAL ITEM
		(SPECIAL-SIZED, HEAVY DUTY)		FURNISH 900 MHZ RADIO
30	EA EA	JUNCTION BOX (STANDARD SIZE)	26 EA	GENERIC SIGNAL ITEM FURNISH DETECTOR CARD (TYPE
16	EA	JUNCTION BOX (OVER-SIZED, HEA- VY DUTY)		2070L)
1	EA	WOOD POLE	2 EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC TRANSCEIV-
39	EA	***" RISER WITH ************************************		ER DROP AND REPEAT
7	EA	(1", HEAT SHRINK TUBING) 1" RISER WITH WEATHERHEAD	2 EA	
51	EA	2" RISER WITH WEATHERHEAD		FURNISH FIBER-OPTIC VIDEO/DATA RECEIVER
13	EA	HEAT SHRINK TUBING RETROFIT KIT	2 EA	GENERIC SIGNAL ITEM FURNISH FIBER-OPTIC VIDEO/DATA
57	EA	2" RISER WITH HEAT SHRINK		TRANSMITTER
4 745	LE	TUBING	70 EA	A GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL
4,745 16,400	LF LF	INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (**********)		SERVICE FOR TRAFFIC SIGNAL
		(14-2)	2 EA	
93,630	LF	COMMUNICATIONS CABLE (**FIBER) (24)	2 EA	MODIFY EXISTING SPLICE GENERIC SIGNAL ITEM
26,920	LF	COMMUNICATIONS CABLE (**FIBER) (96)	2 1	NEW ELECTRICAL SERVICE FOR CCTV (OVERHEAD)
86	EA	SPLICE ENCLOSURE	5 EA	GENERIC SIGNAL ITEM
91	EA	FIBER-OPTIC TRANSCEIVER, DROP		NEW ELECTRICAL SERVICE FOR CCTV (UNDERGROUND)
12,690	LF	& REPEAT REMOVE EXISTING COMMUNICATIONS	6 EA	
12,090	DI	CABLE		NEW ELECTRICAL SERVICE FOR TRAFFIC SIGNAL
5	EA	CABLE TRANSFER	1 EA	
3 20	EA EA	SIGN FOR SIGNALS SIGNAL CABINET FOUNDATION		REMOVE SPLICE CABINET
20	EA	CONDUIT ENTRANCE INTO EXISTING	2 EA	GENERIC SIGNAL ITEM SERVICE POLE
		FOUNDATION	25 EA	
33	EA	MODIFY FOUNDATION FOR CONTROL- LER CABINET	6 F	SIDEWALK GUY ASSEMBLY
54	EA	CONTROLLER WITH CABINET (TYPE	5 EA	A GENERIC SIGNAL ITEM TERMINAL SPLICE CABINET
25	E.A.	2070L, BASE MOUNTED)	Lump Sum LS	
35	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)	Lump Sum LS	CCTV SOFTWARE INTEGRATION GENERIC SIGNAL ITEM
523	EA	DETECTOR CARD (TYPE 2070L)		REMOVE CCTV EQUIPMENT
43	EA	CABINET BASE EXTENDER	1,335 LI	
10 9	EA EA	CABINET BASE ADAPTER	820 LI	AERIAL CABLE PROTECTOR GENERIC SIGNAL ITEM
9	EA	GENERIC SIGNAL ITEM 900 MHZ RADIO	820 Li	UNDERGROUND CONDUIT
7	EA	GENERIC SIGNAL ITEM		(2, 1-1/4")
22	E 4	AERIAL GUY ASSEMBLY	3,140 LI	GENERIC SIGNAL ITEM UNDERGROUND CONDUIT (1, 2")
22	EA	GENERIC SIGNAL ITEM AUXILIARY FILE		
7	EA	GENERIC SIGNAL ITEM		
7	EA	CCTV CABINET GENERIC SIGNAL ITEM		
'	x			

GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY 7 EA

- OR
- OR OR
- ON
- 2")

CONTRACT ID : C202142 3CR.10101.60

DIV OFFICE WILMINGTON

L081118 012 LENGTH = 11.314 MI

COUNTY : BRUNSWICK

RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : NOV 20 2009 NC-211 FROM WEST OF SR-1500 (MIDWAY RD) TO EAST OF SR-1114 (ZION HILL RD) AND 4 SECTIONS OF

SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,499	CY	BORROW EXCAVATION
710	TON	INCIDENTAL STONE BASE
11.03	SMI	SHOULDER RECONSTRUCTION
556	SY	INCIDENTAL MILLING
11,498	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
30	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
5,113	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
70	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,031	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
313	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
3,016	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT
		(MILL)
7	EA	ADJUSTMENT OF MANHOLES
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
60,322	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
50,238	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
45	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
19	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
228,331	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
152	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
4	EA	PAINT PAVEMENT MARKING SYMBOL
388	EA	PERMANENT RAISED PAVEMENT MARKERS
473	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
595	LF	TEMPORARY SILT FENCE
149	TON	STONE FOR EROSION CONTROL, CLASS B
149	TON	SEDIMENT CONTROL STONE
5.95	ACR	TEMPORARY MULCHING
298	LB	SEED FOR TEMPORARY SEEDING
1.49	TON	FERTILIZER FOR TEMPORARY SEED- ING
298	LF	1/4" HARDWARE CLOTH

9.37 ACR SEEDING & MULCHING

CONTRACT ID : C202143 3CR.10311.64

DIV OFFICE WILMINGTON

L081118 013 LENGTH = 7.520 MI

COUNTY : DUPLIN

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : JUL 01 2009 1 SECTION OF NC-24, 1 SECTION OF NC-24BUS & 1 SECTION OF NC-50.

Lump Sum	LS	MOBILIZATION
3,899	CY	BORROW EXCAVATION
0.05	SMI	GENERIC GRADING ITEM GRADING PER SHOULDER MILE
36	TON	FOUNDATION CONDITIONING MATE-
340	LF	RIAL, MINOR STRS 18" RC PIPE CULVERTS, CLASS
275	TON	III INCIDENTAL STONE BASE
13.48	SMI	SHOULDER RECONSTRUCTION
10,814	SY	MILLING ASPHALT PAVEMENT, ***"
		DEPTH (1-1/2")
23,608	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (4")
2,529	SY	INCIDENTAL MILLING
162	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
5,541	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
7,821	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
4,326	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
737	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
259	TON	ASPHALT BINDER FOR PLANT MIX,
90	TON	GRADE PG 70-22 GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT
		(FULL DEPTH)
180	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
5	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.16
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
2	EA	CONCRETE WHEELCHAIR RAMPS
250	LF	GENERIC PAVING ITEM REMOVE & REPLACE 2'-6" CURB & GUTTER
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGN
2	EA	TMIA
86,908	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
83,646	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
320	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
83	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
46,246	LF	PAINT PAVEMENT MARKING LINES (4")
380	LF	PAINT PAVEMENT MARKING LINES (8")
220	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARAC- TER
66	EA	PAINT PAVEMENT MARKING SYMBOL
822	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
750	LF TON	TEMPORARY SILT FENCE
187	TON	STONE FOR EROSION CONTROL, CLASS B
187 7	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING
373	LB	SEED FOR TEMPORARY SEEDING
515		

2	TON	FERTILIZER FOR TEMPORARY SEED-
		ING

- 225 SY MATTING FOR EROSION CONTROL
- 374 LF 1/4" HARDWARE CLOTH
- 7.84 ACR SEEDING & MULCHING
- 1,250 LF INDUCTIVE LOOP SAWCUT

CONTRACT ID : C201971 33513.3.1

DIV OFFICE WILSON

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING & STRUCTURE.

BRIDGE OVER SASSARIXA SWAMP & APPROACHES ON SR-1162.

ROADWAY ITEMS

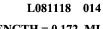
Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH
-		FILL, STATION ************************************
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
20	TON	SELECT MATERIAL, CLASS ***** (IV)
5	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
36	LF	15" RC PIPE CULVERTS, CLASS
50	TON	III INCIDENTAL STONE BASE
440	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
42	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
8	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
113	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
3	TON	RIP RAP, CLASS B
4,665	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
95	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
15	EA	SIGN ERECTION, TYPE E
13	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
425	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
48	LF	BARRICADES (TYPE III)
7,500	LF	PAINT PAVEMENT MARKING LINES (4")
12	EA	PERMANENT RAISED PAVEMENT MARKERS
300	LF	6" WATER LINE
2	EA	6" VALVE
2	EA	FIRE HYDRANT
3,200	LF	TEMPORARY SILT FENCE
450	TON	STONE FOR EROSION CONTROL, CLASS A
105	TON	STONE FOR EROSION CONTROL, CLASS B
250	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
525	LF	SAFETY FENCE
185	CY	SILT EXCAVATION
2,200	SY	MATTING FOR EROSION CONTROL
130	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
40	LF	COIR FIBER BAFFLES
25	ACP	SEEDING & MULCHING

2.5 ACR SEEDING & MULCHING

1 50 0.25 50 0.75 5 12 0.1	ACR LB TON LB TON HR EA ACR	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
		STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
Lump Sum	LS	(16+30.50-L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
78.35	LF	3'-6" DIA DRILLED PIERS IN SOIL

DBE GOAL 6.0% COMPLETION DATE : AUG 15 2009

- 20 LF 3'-6" DIA DRILLED PIERS NOT IN SOIL
- PERMANENT STEEL CASING FOR 58 LF 3'-6" DIA DRILLED PIER
- 2 EA SID INSPECTION
- 2 EA CROSSHOLE SONIC LOGGING UNCLASSIFIED STRUCTURE EXCAVA-870 CY TION 4,363 SF CONCRETE WEARING SURFACE
- 5,380 SF GROOVING BRIDGE FLOORS
- 86.4 CY CLASS A CONCRETE (BRIDGE)
- BRIDGE APPROACH SLABS, STATION Lump Sum LS (16+30.50-L-) 20,228 LB REINFORCING STEEL (BRIDGE)
- 2,220 LB SPIRAL COLUMN REINFORCING STEEL (BRIDGE) HP12X53 STEEL PILES 340 LF 267.38 LF CONCRETE BARRIER RAIL 243 TON RIP RAP CLASS II (2'-0" THICK) 271 SY FILTER FABRIC FOR DRAINAGE
- Lump Sum LS ELASTOMERIC BEARINGS Lump Sum LS EVAZOTE JOINT SEALS
 - 3'-0" X 1'-9" PRESTRESSED CONC 1.602.75 LF CORED SLABS



LENGTH = 0.172 MI

L081118 015

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

 CONTRACT ID : C202146
 42398.3.1
 DIV OFFICE WILSON
 LENGTH = 15.000 MI

COUNTY : NASH

DIAMOND GRINDING & CONCRETE SLAB REPLACEMENT.

DBE GOAL 6.0% COMPLETION DATE : NOV 01 2009

I-95 FROM THE TAR RIVER (MP 128) TO SR-1524 (RED OAK - BATTLEBORO RD).

Lump Sum	LS	MOBILIZATION
100	CY	UNDERCUT EXCAVATION
150	TON	CLASS IV SUBGRADE STABILIZA- TION
200	SY	FABRIC FOR SOIL STABILIZATION
10	EA	GENERIC PAVING ITEM UNDERDRAIN REPAIR
501,000	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT
200	SY	GENERIC PAVING ITEM REPAIR OF JOINTED CONCRETE PAVEMENT SLABS
600	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
600	EA	DRUMS
2	EA	TMIA
424,000	LF	PAINT PAVEMENT MARKING LINES (6")
16,354	LF	PAINT PAVEMENT MARKING LINES (12")
38	EA	PAINT PAVEMENT MARKING SYMBOL
424,000	LF	POLYUREA PAVEMENT MARKING LINES (6", *********) (HIGHLY REFLECTIVE ELEMENTS)
16,354	LF	POLYUREA PAVEMENT MARKING LINES (12", *********)
38	EA	(HIGHLY REFLECTIVE ELEMENTS) POLYUREA PAVEMENT MARKING SYMBOL (*********) (HIGHLY REFLECTIVE ELEMENTS)
4,700	EA	SNOWPLOWABLE PAVEMENT MARKERS
4,700	LA	DIG WIEG WIELE INVENENT WARKERD

CONTRACT ID : C202145 42399.3.1

DIV OFFICE WILSON

L081118 016 LENGTH = 4.950 MI

COUNTY : HALIFAX

MILLING & RESURFACING.

DBE GOAL 5.0% COMPLETION DATE : NOV 01 2009

I-95 FROM SR-1600 (AURELIN SPRING RD, MP 166.7) TO SOUTH OF US-158 (MP 172).

Lump Sum	LS	MOBILIZATION
149,800	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (2-1/2")
21,400	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
24,000	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
1,006	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,440	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
103,800	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
600	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGN
400	EA	DRUMS
2	EA	TMIA
136,000	LF	PAINT PAVEMENT MARKING LINES (6")
3,500	LF	PAINT PAVEMENT MARKING LINES (12")
21	EA	PAINT PAVEMENT MARKING SYMBOL
136,000	LF	POLYUREA PAVEMENT MARKING LINES (6", *********) (HIGHLY REFLECTIVE ELEMENTS)
3,500	LF	POLYUREA PAVEMENT MARKING LINES (12", *********) (HIGHLY REFLECTIVE ELEMENTS)
21	EA	POLYUREA PAVEMENT MARKING SYMBOL (*********) (HIGHLY REFLECTIVE ELEMENTS)
720	EA	SNOWPLOWABLE PAVEMENT MARKERS

L081118 017

LENGTH = 0.074 MI

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C201974 33749.3.1

DIV OFFICE DURHAM

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEP 01 2009

BRIDGE OVER GRASSY CREEK AND APPROACHES ON SR-1412.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ******* (13+64.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
450	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	$\mathbf{S}\mathbf{Y}$	FABRIC FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
56	LF	18" SIDE DRAIN PIPE
24	LF	PIPE REMOVAL
15	TON	#57 STONE
78	TON TON	AGGREGATE BASE COURSE
200 118	TON	INCIDENTAL STONE BASE ASPHALT CONC BASE COURSE, TYPE
		B25.0B
150	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
15	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF EA	6" PERFORATED SUBDRAIN PIPE
6		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
145	LF	SHOULDER BERM GUTTER
75	LF	STEEL BM GUARDRAIL
5	EA EA	ADDITIONAL GUARDRAIL POSTS
4		GUARDRAIL ANCHOR UNITS, TYPE III CUARDRAIL ANCHOR UNITS, TYPE
	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
350	LF	GENERIC FENCING ITEM TEMPORARY 4 STRAND BARBED WIRE FENCE WITH POSTS
5	TON	RIP RAP, CLASS A
130	TON	RIP RAP, CLASS B
35	TON	BOULDERS
5,065	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
425	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
8	EA	DRUMS
72	LF	BARRICADES (TYPE III)
2,840	LF	PAINT PAVEMENT MARKING LINES (4")
96	EA	PERMANENT RAISED PAVEMENT MARKERS
1,550	LF	TEMPORARY SILT FENCE
500	TON	STONE FOR EROSION CONTROL, CLASS A
125	TON	STONE FOR EROSION CONTROL, CLASS B
230	TON	SEDIMENT CONTROL STONE
2.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
475	LF	SAFETY FENCE
205	CY	SILT EXCAVATION
3,150	SY	MATTING FOR EROSION CONTROL

160	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
3.5	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB TON	SEED FOR REPAIR SEEDING
0.25		FERTILIZER FOR REPAIR SEEDING
50 1.25	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
1.25 50	LF	IMPERVIOUS DIKE
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.12	ACR	STREAMBANK REFORESTATION
55	CY	GENERIC EROSION CONTROL ITEM
		IMPERVIOUS SELECT MATERIAL
		******* BEGIN SCHEDULE AA *******
		******* (3 ALTERNATES) ******
36	LF	15" RC PIPE CULVERTS, CLASS
50		III
		*** OR ***
24	LF	15" RC PIPE CULVERTS, CLASS III
12	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****"
		ТНІСК (15", 0.064")
		*** OR ***
24	LF	15" RC PIPE CULVERTS, CLASS
24	124	III
12	LF	***" HDPE PIPE CULVERTS (15")
		*** END SCHEDULE AA ***
		STRUCTURE ITEMS
o Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(13+64.00-L-)
o Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
36	LF	3'-0" DIA DRILLED PIERS IN SO IL
24	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
31.4	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
1,100	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
54.8	CY	CLASS A CONCRETE (BRIDGE)
o Sum	LS	BRIDGE APPROACH SLABS, STATION
		(13+64.00-L-)
1,753	LB	REINFORCING STEEL (BRIDGE)
1,496	LB	SPIRAL COLUMN REINFORCING
165	TP	STEEL (BRIDGE)
165 83.03	LF LF	HP12X53 STEEL PILES VERTICAL CONCRETE BARRIER RAIL
615	TON	RIP RAP CLASS II (2'-0" THICK)
685	SY	FILTER FABRIC FOR DRAINAGE

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(13+64.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
36	LF	3'-0" DIA DRILLED PIERS IN SO IL
24	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
31.4	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
1,100	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
54.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *********
		(13+64.00-L-)
11,753	LB	REINFORCING STEEL (BRIDGE)
1,496	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
165	LF	HP12X53 STEEL PILES
283.03	LF	VERTICAL CONCRETE BARRIER RAIL
615	TON	RIP RAP CLASS II (2'-0" THICK)
685	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,271.16	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

100 SY COIR FIBER MAT

CONTRACT ID : C201975 33750.3.1

DIV OFFICE DURHAM

L081118 018

LENGTH = 0.111 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : JUL 15 2009

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

*** END SCHEDULE AA ***

BRIDGE OVER MOUNTAIN CREEK AND APPROACHES ON SR-1435.

					******* (3 ALTERNATES)
Lump Sum	LS	MOBILIZATION	48	LF	24" RC PIPE CULVERTS, CLASS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB			Ш
-		REGIONAL TIER, STATION *******			*** OR ***
		(13+83.00)	48	LF	***" ALUMINIZED CORRUGATED
Lump Sum	LS	GRADING	10		STEEL PIPE CULVERTS, ****"
1	ACR	SUPPLEMENTARY CLEARING & GRUB-			THICK
		BING			(24", 0.064")
200	CY	UNDERCUT EXCAVATION			*** OR ***
200	CY	SELECT GRANULAR MATERIAL	48	LF	***" HDPE PIPE CULVERTS
200	SY	FABRIC FOR SOIL STABILIZATION	48	Lr	(24")
12	TON	FOUNDATION CONDITIONING MATE-			(24)
12	TON	RIAL, MINOR STRS			
24	LF	15" RC PIPE CULVERTS, CLASS			*** END SCHEDULE A
24	L	III			STRUCTURE ITEMS
24	LF	15" BIT COAT CS PIPE CULVERTS,			STREETCHE THEMS
24	Di	TYPE B 0.064" THICK			
20	LF	PIPE REMOVAL	I	1.9	CONSTRUCTION MAINTENANCE &
35	TON	AGGREGATE BASE COURSE	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA

100	TON	INCIDENTAL STONE BASE			(13+83.00-L-)
180	TON	ASPHALT CONC BASE COURSE, TYPE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
		B25.0B	Damp Dam	20	AT STATION *********
350	TON	ASPHALT CONC SURFACE COURSE,			(13+83.00-L-)
		TYPE SF9.5A	48	LF	PILE EXCAVATION IN SOIL
31	TON	ASPHALT BINDER FOR PLANT MIX,	32	LF	PILE EXCAVATION NOT IN SOIL
		GRADE PG 64-22	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
4	EA	RIGHT OF WAY MARKERS	Eurip Sum	Lo	TION AT STATION *******
3	EA	MASONRY DRAINAGE STRUCTURES			(13+83.00-L-)
7	LF	MASONRY DRAINAGE STRUCTURES	33.5	CY	CLASS A CONCRETE (BRIDGE)
2	EA	FRAME WITH TWO GRATES, STD	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		840.29	Eurip Sum	1.5	**************************************
1	EA	FRAME WITH COVER, STD 840.54			(13+83.00-L-)
65	LF	SHOULDER BERM GUTTER	4,931	LB	REINFORCING STEEL (BRIDGE)
325	LF	STEEL BM GUARDRAIL	160	LF	HP12X53 STEEL PILES
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	8	EA	STEEL PILE POINTS
	1.11		174.8	LF	VERTICAL CONCRETE BARRIER RAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	350	TON	RIP RAP CLASS II (2'-0" THICK)
-	1.11	350	380	SY	FILTER FABRIC FOR DRAINAGE
5	TON	RIP RAP, CLASS B	Lump Sum	LS	ELASTOMERIC BEARINGS
1,110	SY	FILTER FABRIC FOR DRAINAGE	786.61	LF	3'-0" X 2'-9" PRESTRESSED CONC
					BOX BEAMS
312	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE			
		MOUNTED)			
64	LF	BARRICADES (TYPE III)			
4,680	LF	PAINT PAVEMENT MARKING LINES			
		(4")			
67	EA	PERMANENT RAISED PAVEMENT			
	_	MARKERS			
2,900	LF	TEMPORARY SILT FENCE			
225	TON	STONE FOR EROSION CONTROL,			
		CLASS A			
215	TON	STONE FOR EROSION CONTROL,			
		CLASS B			
75	TON	SEDIMENT CONTROL STONE			
2.5	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED-			
		ING			
500	LF	SAFETY FENCE			
350	CY	SILT EXCAVATION			
5,100	SY	MATTING FOR EROSION CONTROL			
50	LF	1/4" HARDWARE CLOTH			
100	LF	COIR FIBER BAFFLES			
		SEEDING & MULCHING			
1		MOWING			
50	LB	SEED FOR REPAIR SEEDING			
		FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
1.25	TON	FERTILIZER TOPDRESSING			
5	HR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			

CONTRACT ID : C202187 33749.3.1

DIV OFFICE DURHAM

L081118 019 LENGTH = 0.185 MI

COUNTY : GRANVILLE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEP 01 2009

BRIDGE OVER GRASSY CREEK AND APPROACHES ON SR-1412, AND BRIDGE OVER MOUTAIN CREEK AND APPROACHES ON SR-1435.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB
		REGIONAL TIER, STATION ******* (13+64.00)
Lump Sum	LS	BRIDGE APPROACH FILL - SUB
Dump Dum	LU	REGIONAL TIER, STATION ******
		(13+83.00)
Lump Sum	LS	GRADING
2	ACR	SUPPLEMENTARY CLEARING & GRUB-
200	СҮ	BING
300 450	CY	UNDERCUT EXCAVATION DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
400	SY	FABRIC FOR SOIL STABILIZATION
22	TON	FOUNDATION CONDITIONING MATE-
		RIAL, MINOR STRS
56	LF	18" SIDE DRAIN PIPE
24	LF	15" RC PIPE CULVERTS, CLASS
~		
24	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
44	LF	PIPE REMOVAL
15	TON	#57 STONE
113	TON	AGGREGATE BASE COURSE
300	TON	INCIDENTAL STONE BASE
298	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
500	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
46	TON	ASPHALT BINDER FOR PLANT MIX,
40	101	GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, &
1	EA	ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE
1	EA	OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
5	EA	MASONRY DRAINAGE STRUCTURES
7	LF	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD
		840.29
1 210	EA LF	FRAME WITH COVER, STD 840.54 SHOULDER BERM GUTTER
400	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE
		Ш
8	EA	GUARDRAIL ANCHOR UNITS, TYPE
250	LE	350
350	LF	GENERIC FENCING ITEM TEMPORARY 4 STRAND BARBED WIRE
		FENCE WITH POSTS
5	TON	RIP RAP, CLASS A
135	TON	RIP RAP, CLASS B
35	TON	BOULDERS
6,175	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
737	SF	WORK ZONE SIGNS (STATIONARY)
190	SF	WORK ZONE SIGNS (BARRICADE
		MOUNTED)
8	EA	DRUMS
136	LF	BARRICADES (TYPE III)
7,520	LF	PAINT PAVEMENT MARKING LINES
163	EA	(4") PERMANENT RAISED PAVEMENT
105	24	MARKERS
4,450	LF	TEMPORARY SILT FENCE
725	TON	STONE FOR EROSION CONTROL,
	TON	CLASS A
340	TON	STONE FOR EROSION CONTROL, CLASS B
305	TON	SEDIMENT CONTROL STONE
-		

5	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
975	LF	SAFETY FENCE
555	CY	SILT EXCAVATION
8,250	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
160	SY	PERMANENT SOIL REINFORCEMENT MAT
90	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
100	LF	COIR FIBER BAFFLES
7	ACR ACR	SEEDING & MULCHING MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.5	TON	FERTILIZER TOPDRESSING
50	LF	IMPERVIOUS DIKE
10	HR	SPECIALIZED HAND MOWING
24	EA	RESPONSE FOR EROSION CONTROL
0.12	ACR	STREAMBANK REFORESTATION
55	CY	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL
		INI ERVICES SELECT MATERIAL
		****** BEGIN SCHEDULE AA ******
		******* (3 ALTERNATES) ******
36	LF	15" RC PIPE CULVERTS, CLASS
		III
48	LF	24" RC PIPE CULVERTS, CLASS III
		*** OR ***
24	LF	15" RC PIPE CULVERTS, CLASS
24		II
12	LF	***" ALUMINIZED CORRUGATED
		STEEL PIPE CULVERTS, ****" THICK
		(15", 0.064")
48	LF	***" ALUMINIZED CORRUGATED
		STEEL PIPE CULVERTS, ****"
		THICK (24", 0.064")
		*** OR ***
24	LF	15" RC PIPE CULVERTS, CLASS
2.		III
12	LF	***" HDPE PIPE CULVERTS
40		(15")
48	LF	***" HDPE PIPE CULVERTS (24")
		(2.)
		*** END SCHEDULE AA ***
		STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
		REMOVAL OF TEMP ACCESS AT STA

Lump Sum	LS	(13+64.00-L-) CONSTRUCTION, MAINTENANCE, &
Lump Sum	Lo	REMOVAL OF TEMP ACCESS AT STA

		(13+83.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
		(13+64.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
		AT STATION ************************************
40	TP	(13+83.00-L-) PILE EXCAVATION IN SOIL
48 32	LF LF	PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL
32	LF	3'-0" DIA DRILLED PIERS IN SO
50		IL
24	LF	3'-0" DIA DRILLED PIERS NOT IN
		SOIL
31.4	LF	PERMANENT STEEL CASING FOR

 31.4 LF PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
 1 EA SID INSPECTION

1	EA	CROSSHOLE SONIC LOGGING
1,100	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******* (13+83.00-L-)
88.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *******
		(13+64.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *******
		(13+83.00-L-)
16,684	LB	REINFORCING STEEL (BRIDGE)
1,496	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
325	LF	HP12X53 STEEL PILES
8	EA	STEEL PILE POINTS
457.83	LF	VERTICAL CONCRETE BARRIER RAIL
965	TON	RIP RAP CLASS II (2'-0" THICK)
1,065	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
786.61	LF	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS
1,271.16	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

CONTRACT ID : C202190 39976.3.1

COUNTY : WAKE

SIGNING & GUARDRAIL.

DIV OFFICE DURHAM

L081118 020 LENGTH = 29.000 MI

DBE GOAL 2.0% COMPLETION DATE : JAN 05 2010

I-40 FROM SR-1728(WADE AVE) TO E OF I-440/US-64(MP 302) AND I-440, US-1/64 AT I-40 TO I-40 NEAR SR-2544(SUNNYBROOK RD).

Lump Sum	LS	MOBILIZATION
120	SF	TEMPORARY SHORING
1,250	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
75	LF	REMOVE EXISTING GUARDRAIL
17	CY	REINFORCED CONCRETE SIGN FOUN-
		DATIONS
60 16,318	CY	OVERHEAD FOOTING
3,595	LB LF	SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, 3-LB STEEL U-CHANNEL
Lump Sum	LS	SUPPORTS, S-LB STEEL U-CHANNEL SUPPORTS, OVERHEAD SIGN STRUC-
Dunip Duni	20	TURE AT STA ****** (A)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (B)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (C)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (D)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (E)
21	EA	SIGN ERECTION, TYPE D
2	EA	SIGN ERECTION, TYPE E
122	EA	SIGN ERECTION, TYPE F
30	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)
26	EA	SIGN ERECTION, TYPE *** (OVER- HEAD)
40	EA	(B) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
15	EA	(A) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
29	EA	(B) SIGN ERECTION, OVERLAY (OVER-
11	EA	HEAD) SIGN ERECTION, OVERLAY (GROUND MOUNTED)
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
5	EA	(D) DISPOSAL OF SIGN SYSTEM, OVER-
6	EA	HEAD DISPOSAL OF SIGN SYSTEM, STEEL
181	EA	BEAM DISPOSAL OF SIGN SYSTEM, U-
10	EA	CHANNEL DISPOSAL OF SIGN SYSTEM, WOOD
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
49	EA	DISPOSAL OF SIGN, A OR B
20	EA	(OVERHEAD)
28	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5	EA	DISPOSAL OF SIGN, D, E OR F
2	EA	DISPOSAL OF SIGN, OVERLAY
	05	(OVERHEAD)
756	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
10	EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGN
16 380	EA EA	DRUMS
30	LF	BARRICADES (TYPE III)
2	EA	TEMPORARY CRASH CUSHIONS
4	EA	TMIA

460	LF	PORTABLE CONCRETE BARRIER
960	HR	POLICE
800	LF	UNPAVED TRENCHING (*********) (2-2" PVC)
60	LF	DIRECTIONAL DRILL (*********) (2-2" PVC)
1	EA	GENERIC SIGNAL ITEM MODIFIED ELECTRICAL SERVICE
Lump Sum	LS	GENERIC SIGNAL ITEM DMS
Lump Sum	LS	GENERIC SIGNAL ITEM DMS-1 ACCESS LADDER
Lump Sum	LS	GENERIC SIGNAL ITEM DMS-1 STRUCTURE
12	CY	GENERIC SIGNAL ITEM FOOTINGS FOR DMS-1 STRUCTURE

CONTRACT ID : C202180 36248.179

DIV OFFICE DURHAM

L081118 021 LENGTH = 6.120 MI

COUNTY : VANCE

RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
147	TON	INCIDENTAL STONE BASE
12.24	SMI	SHOULDER RECONSTRUCTION
800	SY	INCIDENTAL MILLING
5,504	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
358	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
510	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
63,484	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
38,940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
86	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
72	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)

9.61 ACR SEEDING & MULCHING

CONTRACT ID : C202182 5C.035037

DIV OFFICE DURHAM

L081118 022 LENGTH = 18.200 MI

COUNTY : FRANKLIN

RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS US-1 FROM THE VANCE COUNTY LINE TO NC-56 AND 4 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
438	TON	INCIDENTAL STONE BASE
46.3	SMI	SHOULDER RECONSTRUCTION
3,450	SY	INCIDENTAL MILLING
7,147	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
2,785	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
17,167	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
50	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
11,270	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,170	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,033	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
910	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
248,104	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
103,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
318	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
88	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
12,500	LF	PAINT PAVEMENT MARKING LINES (4")
1,050	EA	SNOWPLOWABLE PAVEMENT MARKERS
30.55	ACR	SEEDING & MULCHING

CONTRACT ID : C202181 5C.093046

DIV OFFICE DURHAM

L081118 023 LENGTH = 17.920 MI

COUNTY : WARREN

RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : SEE SPECIAL PROVISIONS NC-903 FROM SR-1344 (EATON'S FERRY RD) TO THE HALIFAX COUNTY LINE AND 5 SECTIONS OF SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
430	TON	INCIDENTAL STONE BASE
35.84	SMI	SHOULDER RECONSTRUCTION
450	SY	INCIDENTAL MILLING
3,570	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
4,433	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
15,280	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,351	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,450	TON	PATCHING EXISTING PAVEMENT
192,819	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
118,272	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
16,500	LF	PAINT PAVEMENT MARKING LINES (4")
409	EA	PERMANENT RAISED PAVEMENT MARKERS
26.85	ACR	SEEDING & MULCHING

CONTRACT ID : C202189 36248.179

DIV OFFICE DURHAM

L081118 024 LENGTH = 42.240 MI

COUNTY : VANCE, FRANKLIN, WARREN

RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : SEP 16 2009 US-1 FROM VANCE CO LINE TO NC-56, NC-903 FROM SR-1344 TO HALIFAX CO LINE AND 13 SECTIONS OF

SECONDARY ROADS.

T 6	LS	MOBILIZATION
Lump Sum 1.015		
,	TON	INCIDENTAL STONE BASE
94.38	SMI	SHOULDER RECONSTRUCTION
4,700	SY	INCIDENTAL MILLING
10,717	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
7,218	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
17,167	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
50	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
32,054	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,879	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,033	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3,870	TON	PATCHING EXISTING PAVEMENT
3	EA	ADJUSTMENT OF MANHOLES
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
504,407	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
260,362	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,750	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
86	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
390	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
88	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
29,000	LF	PAINT PAVEMENT MARKING LINES (4")
409	EA	PERMANENT RAISED PAVEMENT MARKERS
1,050	EA	SNOWPLOWABLE PAVEMENT MARKERS
67.01	ACR	SEEDING & MULCHING

CONTRACT ID : C202137 37972

DIV OFFICE FAYETTEVILLE

L081118 025 LENGTH = 0.297 MI

COUNTY : COLUMBUS

WIDENING, GRADING, DRAINAGE, PAVING, AND SIGNALS.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : APR 15 2010 SR-1917 FROM NC-130 TO US-701 BYP; NC-130 FROM E OF SR-1917 TO US-701 BYP & US-701 BYP FROM S OF NC-130 TO N OF SR-1917.

		ROADWAY ITEMS	12,305	LF	THERMOPLASTIC PAVEMENT MARKING
			19,160	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum Lump Sum	LS LS	MOBILIZATION GRADING	528	LF	THERMOPLASTIC PAVEMENT MARKING
1		SUPPLEMENTARY CLEARING & GRUB- BING	1,110	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
310	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	56	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
2,148	LF	15" RC PIPE CULVERTS, CLASS	155	EA	CHARACTER (120 MILS) THERMOPLASTIC PAVEMENT MARKING SYAROL (00 MILS)
352	LF	18" RC PIPE CULVERTS, CLASS III	63,000	LF	SYMBOL (90 MILS) PAINT PAVEMENT MARKING LINES (4")
4	LF	24" RC PIPE CULVERTS, CLASS III	1,060	LF	(4) PAINT PAVEMENT MARKING LINES (8")
56	LF	30" RC PIPE CULVERTS, CLASS III	2,220	LF	PAINT PAVEMENT MARKING LINES (24")
348	LF	36" RC PIPE CULVERTS, CLASS III	112	EA	PAINT PAVEMENT MARKING CHARAC- TER
3	EA	**" PIPE END SECTION (15")	320 391	EA EA	PAINT PAVEMENT MARKING SYMBOL PERMANENT RAISED PAVEMENT
1	EA	**" PIPE END SECTION (24")	619	LF	MARKERS 6" WATER LINE
1,136	LF	PIPE REMOVAL			
100	TON	INCIDENTAL STONE BASE	73	LF	8" WATER LINE
1,940	SY	INCIDENTAL MILLING	879	LF	12" WATER LINE
			4	EA	6" VALVE
4,410	ION	ASPHALT CONC BASE COURSE, TYPE B25.0B	3	EA	8" VALVE
2 290	TON		3	EA	12" VALVE
3,280	TON	ASPHALT CONC INTERMEDIATE	3	EA	RELOCATE WATER METER
5 450	TON	COURSE, TYPE I19.0B	2	EA	RECONNECT WATER METER
5,470	TON	ASPHALT CONC SURFACE COURSE,	1	EA	FIRE HYDRANT
(70)	-	TYPE \$9.5B			
672	TON	ASPHALT BINDER FOR PLANT MIX,	1	EA	RELOCATE FIRE HYDRANT
		GRADE PG 64-22	1	EA	GENERIC UTILITY ITEM
110	TON	ASPHALT PLANT MIX, PAVEMENT			RELOCATE 2" WATER METER
	_	REPAIR	2	EA	SANITARY SEWER CLEAN-OUT
1.666	CY	ENDWALLS	226	LF	ABANDON 8" UTILITY PIPE
7.2	CY	REINFORCED ENDWALLS	3	EA	GENERIC UTILITY ITEM
2.3	CY	PIPE COLLARS			RECONNECT 3/4" WATER METER
37	EA	MASONRY DRAINAGE STRUCTURES	_		(COPPER TUBING)
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	5	EA	GENERIC UTILITY ITEM RELOCATE 3/4" WATER METER (COPPER TUBING)
11	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	1	EA	GENERIC UTILITY ITEM REMOVE WATER METER
16	E A	(F)	870	LF	GENERIC UTILITY ITEM 12" DI WATER PIPE W/ NEOPRENE
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	48	LF	GASKETS GENERIC UTILITY ITEM
2	EA	FRAME WITH COVER, STD 840.54			8" DI WATER PIPE W/ NEOPRENE
2	EA	STEEL FRAME WITH TWO GRATES,			GASKETS
5	LA	STD 840.37	6,120	LF	TEMPORARY SILT FENCE
670	LF	**"X **" CONCRETE CURB	450	TON	STONE FOR EROSION CONTROL, CLASS A
1 650	ΙE	(8" X 18")	700	TON	STONE FOR EROSION CONTROL,
1,650	LF	1'-6" CONCRETE CURB & GUTTER			CLASS B
5,230	LF	2'-6" CONCRETE CURB & GUTTER	570	TON	SEDIMENT CONTROL STONE
230	SY	6" CONCRETE DRIVEWAY	16	ACR	TEMPORARY MULCHING
1,540	SY	5" MONOLITHIC CONCRETE ISLANDS	400	LB	SEED FOR TEMPORARY SEEDING
11	E A	(SURFACE MOUNTED)	2.5	TON	FERTILIZER FOR TEMPORARY SEED-
11 30	EA EA	ADJUSTMENT OF MANHOLES ADJUSTMENT OF METER BOXES OR		1011	ING
50	EA	VALVE BOXES	50	LF	TEMPORARY SLOPE DRAINS
2	EA	CONVERT EXISTING DROP INLET TO	2	EA	INLET PROTECTION AT TEMPORARY
2	LA	JUNCTION BOX WITH MANHOLE			SLOPE DRAINS
		COVER	1,265	CY	SILT EXCAVATION
615	SY	FILTER FABRIC FOR DRAINAGE	4,050	SY	MATTING FOR EROSION CONTROL
150	SF	WORK ZONE SIGNS (STATIONARY)	45	SY	COIR FIBER MAT
240	SF	WORK ZONE SIGNS (STATIONART)	880	LF	1/4" HARDWARE CLOTH
		· · · · · ·	205	LF	WATTLE
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	E 4	MOUNTED)	77	LB	POLYACRYLAMIDE (PAM)
2	EA	FLASHING ARROW PANELS, TYPE C	470	LF	COIR FIBER BAFFLES
3	EA	CHANGEABLE MESSAGE SIGN	7	EA	**" SKIMMER
300	EA	DRUMS			(1-1/2")
300	EA	CONES			SEEDING & MULCHING
32	LF	BARRICADES (TYPE III)	6.5	ACR	MOWING
160	HR	FLAGGER	150	LB	SEED FOR REPAIR SEEDING
1	EA	TMIA	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	HR	POLICE	275	LB	SEED FOR SUPPLEMENTAL SEEDING
100			7.75	TON	FERTILIZER TOPDRESSING

- 5 HR SPECIALIZED HAND MOWING
- 12 EA RESPONSE FOR EROSION CONTROL
- 4,250 LF SIGNAL CABLE
- VEHICLE SIGNAL HEAD (12", 3 21 EA
- SECTION) 2 EA VEHICLE SIGNAL HEAD (12", 4
- SECTION)
- VEHICLE SIGNAL HEAD (12", 5 12 EA SECTION)
- MESSENGER CABLE (1/4") LF 20
- 1,195 LF MESSENGER CABLE (3/8")
- 1,865 LF TRACER WIRE
- PAVED TRENCHING (**********) 80 LF $(2^{"}, 2)$
- UNPAVED TRENCHING (*********) 3,135 LF
- (2", 2)
- 1,660 LF DIRECTIONAL DRILL (*********) (2", 2) 32 EA JUNCTION BOX (STANDARD SIZE)
- JUNCTION BOX (OVER-SIZED, HEA-5 EA VY DUTY)
- 5 EA GUY ASSEMBLY
- 1 EA 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK EA 1
- TUBING
- 6,620 LF INDUCTIVE LOOP SAWCUT
- 16,130 LF (14-2)
- 2,500 LF COMMUNICATIONS CABLE (**FIBER) (12)
 - EA SPLICE ENCLOSURE 1
 - INTERCONNECT CENTER 2 EA
 - FIBER-OPTIC TRANSCEIVER, DROP & REPEAT 2 EA
 - DELINEATOR MARKER
 - 5 EA
 - METAL STRAIN SIGNAL POLE 8 EA
 - 8 $\mathbf{E}\mathbf{A}$ SOIL TEST
 - 96 CY DRILLED PIER FOUNDATION
 - 12 EA SIGN FOR SIGNALS
 - 2 EA SIGNAL CABINET FOUNDATION CONDUIT ENTRANCE INTO EXISTING EA 1
 - FOUNDATION 2 EA
 - CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED) DETECTOR CARD (TYPE 2070L)
 - 22 EA
 - 3 EA CABINET BASE EXTENDER
 - 1 EA TRAFFIC SIGNAL REMOVAL
 - GENERIC SIGNAL ITEM 2 EA
 - MODIFY EXISTING 2070L CONTROL-LER & CABINET

CONTRACT ID : C201970 33442.3.1

DIV OFFICE FAYETTEVILLE

L081118 026 LENGTH = 0.142 MI

COUNTY : COLUMBUS

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : AUG 15 2009

BRIDGE OVER PINE LOG SWAMP AND APPROACHES ON SR-1437 IN WHITEVILLE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum Lump Sum	LS LS	CONSTRUCTION SURVEYING REINFORCED BRIDGE APPROACH
Lump Sum	Lo	FILL, STATION **********
	10	(15+27.50)
Lump Sum 1	LS ACR	GRADING SUPPLEMENTARY CLEARING & GRUB-
1	ACK	BING
200	CY	UNDERCUT EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
5	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
32	LF	**" CAA PIPE CULVERTS, *****"
		THICK (15", 0.060")
430	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
260	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
310	TON	ASPHALT CONC SURFACE COURSE,
- 0		TYPE S9.5B
50	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)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD
12	I.P.	840.29
600	LF LF	SHOULDER BERM GUTTER STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
		350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	TON	RIP RAP, CLASS B
1,460	\mathbf{SY}	FILTER FABRIC FOR DRAINAGE
30	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
3	EA	SIGN ERECTION, TYPE E
7	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
420	SF	WORK ZONE SIGNS (STATIONARY)
90	SF	WORK ZONE SIGNS (BARRICADE
40	LF	MOUNTED) BARRICADES (TYPE III)
6,000	LF	PAINT PAVEMENT MARKING LINES
		(4")
10	EA	PERMANENT RAISED PAVEMENT MARKERS
5,400	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
10	TON	STONE FOR EROSION CONTROL,
20	TON	CLASS B
20 2	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEED-
		ING
50 2	LF EA	TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY
2	ЪA	SLOPE DRAINS
1,150	LF	SAFETY FENCE
50	CY	SILT EXCAVATION
6,500	SY	MATTING FOR EROSION CONTROL
15 85	SY LF	COIR FIBER MAT 1/4" HARDWARE CLOTH
55	LF	COIR FIBER BAFFLES

2	EA	**" SKIMMER
4	ACR	(1-1/2") SEEDING & MULCHING
4		
-	ACR	
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
		STRUCTURE ITEMS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
1	-	
	EA	PDA ASSISTANCE
Lump Sum	EA LS	PDA ASSISTANCE UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+27.50 -L-)
Lump Sum 4,443		UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *******
•	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+27.50 -L-)
4,443	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+27.50 -L-) CONCRETE WEARING SURFACE
4,443 5,546	LS SF SF	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+27.50 -L-) CONCRETE WEARING SURFACE GROOVING BRIDGE FLOORS
4,443 5,546 54.6	LS SF SF CY	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+27.50 -L-) CONCRETE WEARING SURFACE GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION

3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

880LFHP12X53 STEEL PILES1,200LFHP12X53 GALVANIZED STEEL PILES

 16
 EA
 PILE REDRIVES

 245
 LF
 CONCRETE BARRIER RAIL

 135
 TON
 RIP RAP CLASS II (2-0" THICK)

 145
 SY
 FILTER FABRIC FOR DRAINAGE

 Lump Sum
 LS
 ELASTOMERIC BEARINGS

 Lump Sum
 LS
 EVAZOTE JOINT SEALS

1,592.5 LF

CONTRACT ID : C202144 7CR.10171.16

DIV OFFICE GREENSBORO

L081118 027 LENGTH = 14.550 MI

COUNTY : CASWELL

RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 3.0% COMPLETION DATE : MAY 22 2009 NC-119 FROM SR-1759 TO SR-1710, NC-150 FROM ROCKINGHAM CO LINE TO SR-1129 & 6 SECTIONS OF

SECONDARY ROADS.

Lump Sum	LS	MOBILIZATION
604	TON	INCIDENTAL STONE BASE
22.04	SMI	SHOULDER RECONSTRUCTION
14,261	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
929	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
13	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
98,672	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
73,377	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
396	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
19	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
202,692	LF	PAINT PAVEMENT MARKING LINES (4")
5.06	ACR	SEEDING & MULCHING
2.96	ACR	RESIDENTIAL SEEDING

CONTRACT ID : C202183 7CR.10791.24

DIV OFFICE GREENSBORO

L081118 028 LENGTH = 26.880 MI

COUNTY : ROCKINGHAM

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : JUL 31 2009 1 SECTION OF US-220SB, 2 SECTIONS OF NC-87, 1 SECTION OF NC-770 AND 7 SECTIONS OF SECONDARY

Lump Sum	LS	MOBILIZATION
1,105	TON	INCIDENTAL STONE BASE
59.41	SMI	SHOULDER RECONSTRUCTION
5,632	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
156	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")
1,846	SY	MILLING ASPHALT PAVEMENT, ***" TO *****" DEPTH (0" TO 1-1/2")
81	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" DEPTH (0" TO 4-1/2")
4,995	SY	INCIDENTAL MILLING
27	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
20,464	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
16,215	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,283	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
354,987	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
38,807	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
147,828	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
89,704	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
962	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
3,514	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
42	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
276	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
43	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
821,037	LF	PAINT PAVEMENT MARKING LINES (4")
357	EA	PERMANENT RAISED PAVEMENT MARKERS
11.44	ACR	SEEDING & MULCHING
10.19	ACR	RESIDENTIAL SEEDING

CONTRACT ID : C202138 33379.2.2

DIV OFFICE NORTH WILKESBORO

30 SY

45 LF

3 EA

255 LF

COIR FIBER MAT

**" SKIMMER

1/4" HARDWARE CLOTH

COIR FIBER BAFFLES

L081118 029 LENGTH = 0.103 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING, RETAINING WALL, & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER MILL CREEK AND APPROACHES ON SR-1106 (RAILROAD GRADE ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
1,700	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH
•		FILL, STATION **********
		(17+52.500)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-
500	OV	BING
500	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
600	TON	CLASS IV SUBGRADE STABILIZA- TION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
16	TON	FOUNDATION CONDITIONING MATE-
10	1011	RIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
120	LF	15" RC PIPE CULVERTS, CLASS
		Ш
45	TON	INCIDENTAL STONE BASE
60	TON	ASPHALT CONC BASE COURSE, TYPE
105	TON	B25.0B
105	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
10	TON	ASPHALT BINDER FOR PLANT MIX,
10	101	GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT
		REPAIR
12	EA	RIGHT OF WAY MARKERS
68	CY	SUBDRAIN EXCAVATION
51	CY	SUBDRAIN FINE AGGREGATE
300	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, &
		ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE
		OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE, STD 840.24
2	EA	FRAME WITH TWO GRATES, STD 840.29
184	LF	SHOULDER BERM GUTTER
300	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE

		(TEST LEVEL 2)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE
		350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
9	TON	RIP RAP, CLASS I
3	TON	RIP RAP, CLASS B
250	SY	FILTER FABRIC FOR DRAINAGE
242	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE
		MOUNTED)
96	LF	BARRICADES (TYPE III)
4,400	LF	PAINT PAVEMENT MARKING LINES
		(4")
260	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL,
100	TON	CLASS A
135	TON	STONE FOR EROSION CONTROL, CLASS B
110	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED-
0.20	- 511	ING
40	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY
		SLOPE DRAINS
280	LF	SAFETY FENCE
265	CY	SILT EXCAVATION
500	SY	MATTING FOR EROSION CONTROL

500 SY MATTING FOR EROSION CONTROL

5	EA	(1-1/2")
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.25	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION
		WALL ITEMS
1.088	SF	PRECAST GRAVITY RETAINING
1,000	51	WALLS
1,000	51	
Lump Sum	LS	WALLS
		WALLS STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ***********
Lump Sum	LS	WALLS STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	WALLS STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum 10 50	LS LF LF	WALLS STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ********* (17+52.50-L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ********
Lump Sum 10 50 Lump Sum	LS LF LF LS	WALLS STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************

HP12X53 STEEL PILES

6.67 LF CONCRETE BARRIER RAIL
90 TON RIP RAP CLASS II (2'-0" THICK)
100 SY FILTER FABRIC FOR DRAINAGE

STEEL

Lump Sum LS EVAZOTE JOINT SEALS

APPROX LBS STRUCTURAL

80,200 LS

115 LF 196.67 LF

CONTRACT ID : C201972 33655.3.1

DIV OFFICE NORTH WILKESBORO

L081118 030 LENGTH = 0.100 MI

COUNTY : WATAUGA

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2009

BRIDGE OVER WATAUGA RIVER AND APPROACHES ON SR-1598.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
- 1	ACR	SUPPLEMENTARY CLEARING & GRUB-
		BING
500	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZA-
		TION
55	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
8	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
72	LF	18" SIDE DRAIN PIPE
80	LF	PIPE REMOVAL
170	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
150	TON	ASPHALT CONC BASE COURSE, TYPE
100	1011	B25.0B
115	TON	ASPHALT CONC SURFACE COURSE,
		TYPE SF9.5A
14	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
15	EA	RIGHT OF WAY MARKERS
67.2	CY	SUBDRAIN EXCAVATION
50.4	CY	SUBDRAIN FINE AGGREGATE
300	LF	6" PERFORATED SUBDRAIN PIPE
9	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE
1	LA	OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE

		(350, TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
		(W-BEAM BRIDGE RAIL TRANSITION
)
200	LF	GENERIC GUARDRAIL ITEM
		W-BEAM BRIDGE RAIL
40	TON	RIP RAP, CLASS I
300	\mathbf{SY}	FILTER FABRIC FOR DRAINAGE
186	SF	WORK ZONE SIGNS (STATIONARY)
128	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE
		MOUNTED)
30	EA	CONES
30 640	LF	BARRICADES (TYPE III)
	HR	FLAGGER
1	EA EA	TEMPORARY CRASH CUSHIONS TMIA
225	EA LF	I MIA PORTABLE CONCRETE BARRIER
225	Lr	(ANCHORED)
1,908	LF	COLD APPLIED PLASTIC PAVEMENT
,		MARKING LINES, TYPE ** (4")
		(III)
570	LF	COLD APPLIED PLASTIC PAVEMENT
		MARKING LINES, TYPE ** (4") (IV)
2,930	LF	PAINT PAVEMENT MARKING LINES
2,950	LI	(4")
240	LF	REMOVAL OF PAVEMENT MARKING
	_	LINES (4")
1,000	LF	TEMPORARY SILT FENCE
115	TON	STONE FOR EROSION CONTROL,
		CLASS A
120	TON	STONE FOR EROSION CONTROL,
30	TON	CLASS B SEDIMENT CONTROL STONE
30 2	ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-
1.23	101	ING
470	LF	SAFETY FENCE

470 LF SAFETY FENCE

380	CY	SILT EXCAVATION
1,200	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
190	SY	PERMANENT SOIL REINFORCEMENT MAT
200	LF	COIR FIBER BAFFLES
5	EA	**" SKIMMER
		(1-1/2")
2.5	ACR	
1	ACR	
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION
		STRUCTURE ITEMS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
75	LS LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
·		REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
75	LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
75 275	LF LF	REMOVAL OF EXISTING STRUCTURE AT STATION ********** (16+48.00-L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *******
75 275 Lump Sum	LF LF LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********** (16+48.00-L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (16+48.00-L-)
75 275 Lump Sum 31.3	LF LF LS CY	REMOVAL OF EXISTING STRUCTURE AT STATION *********** (16+48.00-L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (16+48.00-L-) CLASS A CONCRETE (BRIDGE)
75 275 Lump Sum 31.3 4,538	LF LF LS CY LB	REMOVAL OF EXISTING STRUCTURE AT STATION *********** (16+48.00-L-) PILE EXCAVATION IN SOIL PILE EXCAVATION NOT IN SOIL UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (16+48.00-L-) CLASS A CONCRETE (BRIDGE) REINFORCING STEEL (BRIDGE)
75 275 Lump Sum 31.3 4,538 350	LF LF LS CY LB LF	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
75 275 Lump Sum 31.3 4,538 350 550	LF LF LS CY LB LF TON	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************

189.17 LF GENERIC STRUCTURE ITEM TYPE T101 RAIL

CONTRACT ID : C201973 33659.3.1

DIV OFFICE NORTH WILKESBORO

5 EA **" SKIMMER

L081118 031 LENGTH = 0.085 MI

COUNTY : WILKES

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : OCT 15 2009

BRIDGE OVER STONEY FORK CREEK AND APPROACHES ON SR-1167.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
500	CY	UNDERCUT EXCAVATION
600	TON	CLASS IV SUBGRADE STABILIZA- TION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
11	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
52	LF	15" RC PIPE CULVERTS, CLASS
44	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
2	EA	18" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK
45 150	TON TON	INCIDENTAL STONE BASE ASPHALT CONC BASE COURSE, TYPE
		B25.0B
135	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
16	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
14 101	EA CY	RIGHT OF WAY MARKERS SUBDRAIN EXCAVATION
76	CY	SUBDRAIN EXCAVATION SUBDRAIN FINE AGGREGATE
450	LF	6" PERFORATED SUBDRAIN PIPE
15	EA	6" SUBDRAIN PIPE WYES, TEES, &
1	EA	ELBOWS CONCRETE PAD FOR SUBDRAIN PIPE
		OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
1	CY	ENDWALLS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.22
50 5	LF EA	STEEL BM GUARDRAIL ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE
4	EA	(350, TEST LEVEL II) GUARDRAIL ANCHOR UNITS, TYPE
4	TON	B-77 RIP RAP, CLASS I
12	TON	RIP RAP, CLASS B
605	SY	FILTER FABRIC FOR DRAINAGE
740	SF	WORK ZONE SIGNS (STATIONARY)
76	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
120	LF	BARRICADES (TYPE III)
3,592	LF	PAINT PAVEMENT MARKING LINES (4")
400	LF	TEMPORARY SILT FENCE
135	TON	STONE FOR EROSION CONTROL, CLASS A
35	TON	STONE FOR EROSION CONTROL, CLASS B
115	TON	SEDIMENT CONTROL STONE
1.5	ACR LB	TEMPORARY MULCHING
50 1.25	TON	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING
250	LF	SAFETY FENCE
165	CY	SILT EXCAVATION
950	SY	MATTING FOR EROSION CONTROL
30	SY	COIR FIBER MAT
150	SY	PERMANENT SOIL REINFORCEMENT MAT
4	EA	SPECIAL STILLING BASINS
60	LF	WATTLE POLYACENI AMIDE (BANO

23	LB	POLYACRYLAMIDE (PAM)
		()

190 LF COIR FIBER BAFFLES

5	LA	(1 1/21)
		(1-1/2")
7.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
		STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(15+17.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
18.2	CY	FOUNDATION EXCAVATION
17	LF	3'-0" DIA DRILLED PIERS IN SO IL
25	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
15.3	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
2	EA	SID INSPECTION
1	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (15+17.50-L-)
58.9	CY	CLASS A CONCRETE (BRIDGE)
11,720	LB	REINFORCING STEEL (BRIDGE)
808	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
75	LF	HP12X53 STEEL PILES
224.8	LF	VERTICAL CONCRETE BARRIER RAIL
86	TON	RIP RAP CLASS II (2'-0" THICK)
95	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
896.917	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

CONTRACT ID : C201892 33400.3.1

DIV OFFICE ASHEVILE

L081118 032 LENGTH = 0.358 MI

COUNTY : BUNCOMBE

GRADING, DRAINAGE, PAVING, SIGNALS AND STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : NOV 01 2010

BRIDGE OVER SOUTH HOMINY CREEK AND APPROACHED ON NC-112.

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************
Lump Sum	LS	(26+53.00) GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
300	CY	UNDERCUT EXCAVATION
100	TON	CLASS IV SUBGRADE STABILIZA- TION
1,100	CY	DRAINAGE DITCH EXCAVATION
200	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
876 301	SF TON	TEMPORARY SHORING FOUNDATION CONDITIONING MATE-
301	ION	RIAL, MINOR STRS
52	LF	18" SIDE DRAIN PIPE
264	LF	15" RC PIPE CULVERTS, CLASS III
392	LF	18" RC PIPE CULVERTS, CLASS III
116	LF	24" RC PIPE CULVERTS, CLASS III
50	TON	INCIDENTAL STONE BASE
3,650	TON	ASPHALT CONC BASE COURSE, TYPE
2,100	TON	B25.0C ASPHALT CONC INTERMEDIATE
1,950	TON	COURSE, TYPE 119.0C ASPHALT CONC SURFACE COURSE,
260	TON	TYPE \$9.5C ASPHALT BINDER FOR PLANT MIX,
120	TON	GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX,
25	TON	GRADE PG 70-22 ASPHALT PLANT MIX, PAVEMENT
9	EA	REPAIR RIGHT OF WAY MARKERS
90	CY	SUBDRAIN EXCAVATION
68	CY	SUBDRAIN FINE AGGREGATE
400	LF	6" PERFORATED SUBDRAIN PIPE
12	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
11 1	EA LF	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH GRATE & HOOD, STD
-	1.11	(E)
10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
		(F)
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1	EA	FRAME WITH COVER, STD 840.54
3,380	LF	2'-6" CONCRETE CURB & GUTTER
20	EA	CONCRETE WHEELCHAIR RAMPS
80	SY	6" CONCRETE DRIVEWAY
2	EA	ADJUSTMENT OF MANHOLES
162.5	LF	STEEL BM GUARDRAIL
37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1 CUARDRAIL ANCHOR UNITS, TYPE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III CULADDRAIL ANCHOR UNITS, TYPE
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY STEEL RM CHARDRAU
12.5 1	LF EA	TEMPORARY STEEL BM GUARDRAIL GUARDRAIL ANCHOR UNITS, TYPE
1	CA	GUARDRAIL ANCHOR UNITS, TYPE ********** TEMPORARY (III)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY

10	TON	RIP RAP, CLASS B
1,425	SY EA	FILTER FABRIC FOR DRAINAGE PREFORMED SCOUR HOLES WITH
1	EA	LEVEL SPREADER APRON
352	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE D
16 1	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, RELOCATE, TYPE
-	2.11	**** (GROUND MOUNTED)
21	EA	(E) DISPOSAL OF SIGN SYSTEM, U-
96	SF	CHANNEL WORK ZONE SIGNS (STATIONARY)
618	SF	WORK ZONE SIGNS (PORTABLE)
1	EA	FLASHING ARROW PANELS, TYPE C
2 50	EA EA	CHANGEABLE MESSAGE SIGN DRUMS
100	EA	CONES
96	LF	BARRICADES (TYPE III)
125	MD	FLAGGER
2 1	EA EA	TEMPORARY CRASH CUSHIONS TMIA
180	LF	PORTABLE CONCRETE BARRIER
69	EA	(ANCHORED) TEMPORARY RAISED PAVEMENT
6,259	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING
100	LF	LINES (4", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
200	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
12	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
322	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
3	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)
7,313	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	PAINT PAVEMENT MARKING LINES (8")
84	LF	PAINT PAVEMENT MARKING LINES (24")
12	EA	PAINT PAVEMENT MARKING SYMBOL
6,080	LF	REMOVAL OF PAVEMENT MARKING
234	EA	LINES (4") SNOWPLOWABLE PAVEMENT MARKERS
811	LF	16" WATER LINE
2	EA	16" VALVE
140	LF	8" SANITARY GRAVITY SEWER
242	LF	12" SANITARY GRAVITY SEWER
2 358	EA LF	4' DIA UTILITY MANHOLE ABANDON 8" UTILITY PIPE
218	LF	ABANDON 8 OTILITY PIPE
805	LF	ABANDON 16" UTILITY PIPE
435	LF	ABANDON 24" UTILITY PIPE
1	EA	ABANDON UTILITY MANHOLE
45	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
45	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL
2	EA	GENERIC UTILITY ITEM CONCRETE PIER
1,050	LF	TEMPORARY SILT FENCE
285	TON	STONE FOR EROSION CONTROL, CLASS A
280	TON	STONE FOR EROSION CONTROL, CLASS B
730	TON	SEDIMENT CONTROL STONE
3.5 150	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
100		SEED FOR TERM ORDER DEEDING

			12,531	SF	REINFORCED CONCRETE DECK SLAB
			13,570	SF	GROOVING BRIDGE FLOORS
			216	CY	CLASS A CONCRETE (BRIDGE)
1.5	TON	FERTILIZER FOR TEMPORARY SEED-	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
100	LF	TEMPORARY SLOPE DRAINS			(26+53.00-L-)
2	EA	INLET PROTECTION AT TEMPORARY	31,164	LB	REINFORCING STEEL (BRIDGE)
-		SLOPE DRAINS	1,507	LF	36" PRESTRESSED CONCRETE GIR- DERS
400	LF	SAFETY FENCE	1,600	LF	HP12X53 STEEL PILES
775	CY	SILT EXCAVATION	1,800	LF	HP14X73 GALVANIZED STEEL PILES
1,250	SY	MATTING FOR EROSION CONTROL	, .		
25	SY	COIR FIBER MAT	35	EA	STEEL PILE POINTS
500	SY	PERMANENT SOIL REINFORCEMENT	264.18	LF	TWO BAR METAL RAIL
	~ .	MAT	279.6	LF	1'-**"X *****" CONCRETE PARA-
500	LF	1/4" HARDWARE CLOTH			PET
20	EA	SPECIAL STILLING BASINS			(1' 2" X 3' 2-11/16")
			530	TON	RIP RAP CLASS II (2'-0" THICK)
100	LF	WATTLE	589	SY	FILTER FABRIC FOR DRAINAGE
32	LB	POLYACRYLAMIDE (PAM)	Lump Sum	LS	ELASTOMERIC BEARINGS
150	LF	COIR FIBER BAFFLES	Lump Sum	LS	EVAZOTE JOINT SEALS
1	EA	**" SKIMMER	Dump Sum	20	

Lump Sum LS

STRUCTURE ITEMS

1

(1-1/2") **" SKIMMER

SEED FOR REPAIR SEEDING 0.25 TON FERTILIZER FOR REPAIR SEEDING

SPECIALIZED HAND MOWING

2.5 TON FERTILIZER TOPDRESSING

** SECTION) (16", 1)

SECTION)

SECTION)

NAL HEAD

(1, 2'')

(2, 2")

(14-2)

ARM

TION

SIGN

SOIL TEST

WOOD POLE

GUY ASSEMBLY

SIGNAL CABLE

SEED FOR SUPPLEMENTAL SEEDING

RESPONSE FOR EROSION CONTROL

PEDESTRIAN SIGNAL HEAD (**",

VEHICLE SIGNAL HEAD (12", 3

VEHICLE SIGNAL HEAD (12", 5

MESSENGER CABLE (3/8")

RELOCATE EXISTING VEHICLE SIG-

UNPAVED TRENCHING (*********)

DIRECTIONAL DRILL (*********)

JUNCTION BOX (STANDARD SIZE)

2" RISER WITH WEATHERHEAD

LEAD-IN CABLE (***********)

900MHZ WIRELESS RADIO SYSTEM

METAL POLE WITH SINGLE MAST

DRILLED PIER FOUNDATION

METAL POLE WITH DUAL MAST ARM

SIGNAL PEDESTAL WITH FOUNDA-

MAST ARM WITH METAL POLE DE-

CONTROLLER WITH CABINET (TYPE

FURNISH WIRELESS RADIO LIGHTN-

GENERIC SIGNAL ITEM FURNISH WIRELESS RADIO MODEM

POWDER COAT FOR DUAL MAST ARM

SIGNAL CABINET FOUNDATION

DETECTOR CARD (TYPE 2070L)

2070L, BASE MOUNTED)

CABINET BASE EXTENDER

GENERIC SIGNAL ITEM

GENERIC SIGNAL ITEM

GENERIC SIGNAL ITEM POWDER COAT FOR SINGLE MAST ARM WITH METAL POLE

WITH METAL POLE

ING ARRESTOR

INDUCTIVE LOOP SAWCUT

(2") 4 ACR SEEDING & MULCHING MOWING

1 EA

2 ACR 50 LB

100 LB

> 2 HR 12 EA

4 EA

2,490 LF

> 12 EΑ

> > 9 EA

> > 4 EA

495 LF

530 LF

330

15 EA

3 EA 10 EA

2 EA

2 FA 3 EA

2

34 $\mathbf{C}\mathbf{Y}$ 1 $\mathbf{E}\mathbf{A}$

> 5 EA

1

1 EA

7

1 EA

1 EA

2 EA

3 EA

EA 5 EA

EA

EA

EA 1

2,320 \mathbf{LF}

2,990 LF

 \mathbf{LF}

- CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA (26+53.00-L-)
- REMOVAL OF EXISTING STRUCTURE AT STATION ********** Lump Sum LS (26+53.00-L-)
 - 1,075 CY UNCLASSIFIED STRUCTURE EXCAVA-TION

CONTRACT ID : C201965 34501.3.4

DIV OFFICE GREENVILLE

L081216 005 LENGTH = 4.028 MI

DBE GOAL 8.0% COMPLETION DATE : OCT 01 2012

COUNTY : LENOIR

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

CRESCENT ROAD FROM US-70 TO US-258 IN KINSTON.

ROADWAY ITEMS

	10	MODILIZATION
Lump Sum Lump Sum	LS LS	MOBILIZATION FIELD OFFICE
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)
5 Eulip Sulli	ACR	SUPPLEMENTARY CLEARING & GRUB-
		BING
115,500	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********
		(113+13.81-L-LT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION **********
T C	10	(113+62.33-L-RT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********
		(211+80.69-L-RT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION ************************************
Lump Sum	LS	(211+96.72-L-LT) REINFORCED BRIDGE APPROACH
Lump Sum	1.0	FILL, STATION **********
		(247+69.78-L-RT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION ************************************
Lump Sum	LS	REINFORCED BRIDGE APPROACH
Durip Duri	20	FILL, STATION **********
		(29+01.31-Y1RPCA-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********
		(51+72.74-L-LT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION **********
T C	10	(85+87.56-L-LT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********
		(86+08.82-L-RT)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION ************************************
Lump Sum	LS	(97+12.41-Y1-LT) REINFORCED BRIDGE APPROACH
Lump Sum	LO	FILL, STATION **********
		(97+40.48-Y1-RT)
34,050	CY	UNDERCUT EXCAVATION
1,000	TON	CLASS IV SUBGRADE STABILIZA-
3,303,100	СҮ	TION BORROW EXCAVATION
2	EA	EMBANKMENT SETTLEMENT GAUGES
16,700	CY	DRAINAGE DITCH EXCAVATION
300	LF	BERM DITCH CONSTRUCTION
34,000	SY	REMOVAL OF EXISTING ASPHALT
		PAVEMENT
80 5 500	HR	PROOF ROLLING
5,500	SY CY	FABRIC FOR SOIL STABILIZATION GENERIC GRADING ITEM
10,000	C1	SELECT GRADULAR MATERIAL
3,500	SY	GENERIC GRADING ITEM
		PERMANENT TURF
10,000	SY	REINFORCEMENT MAT GENERIC GRADING ITEM
10,000	51	SECONDARY GEOGRID
		REINFORCEMENT
5,650	TON	SELECT MATERIAL, CLASS II
1,955	TON	FOUNDATION CONDITIONING MATE-
52	LF	RIAL, MINOR STRS **" SIDE DRAIN PIPE
52	LI	(12")
28	LF	**" SIDE DRAIN PIPE
. –		(30")
176	LF	**" SIDE DRAIN PIPE (36")
232	LF	(30°) 15" SIDE DRAIN PIPE
124	LF	18" SIDE DRAIN PIPE
176	LF	24" SIDE DRAIN PIPE
2,176	LF	36" RC PIPE CULVERTS, CLASS
	. –	
548	LF	42" RC PIPE CULVERTS, CLASS III
		111

296	LF	48" RC PIPE CULVERTS, CLASS
600	LF	III 54" RC PIPE CULVERTS, CLASS
		ш
540	LF	60" RC PIPE CULVERTS, CLASS III
268	LF	****" RC PIPE CULVERTS, CLASS IV
624	LF	(30") *****" RC PIPE CULVERTS, CLASS IV
372	LF	(36") *****" RC PIPE CULVERTS, CLASS IV
308	LF	(48") *****" RC PIPE CULVERTS, CLASS
		IV (66")
96	LF	**" CS PIPE CULVERTS, *****" THICK (36", 0.079")
68	LF	**" CS PIPE CULVERTS, *****" THICK
200	LF	(48", 0.109") 15" CS PIPE CULVERTS. 0.064"
		THICK
136	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
1,807	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
276	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
92	LF	24" BIT COAT CS PIPE CULVERTS,
31	EA	TYPE B 0.064" THICK. 15" BIT COAT CS PIPE ELBOWS,
4	EA	TYPE B 0.064" THICK 18" BIT COAT CS PIPE ELBOWS, T
2,421	LF	YPE B 0.064" THICK PIPE REMOVAL
200	SY	6" SLOPE PROTECTION
Lump Sum	LS	FINE GRADING
100	TON	#57 STONE
3,000	TON	STABILIZER AGGREGATE
206,600	TON	AGGREGATE BASE COURSE
1,000	TON	INCIDENTAL STONE BASE
7,500	GAL	PRIME COAT
200	SY	INCIDENTAL MILLING
6,400	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
55,930	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
180	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
68,460	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
9,250	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
60,200	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C
6,465	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
3,615	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
770	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
115,000	LF	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
2,184	CY	SUBDRAIN EXCAVATION
1,092	CY	SUBDRAIN FINE AGGREGATE
6,500	LF	6" PERFORATED SUBDRAIN PIPE
195	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
13	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
78	LF	6" OUTLET PIPE (SUBDRAINS)
77.9	CY	ENDWALLS
55.2	CY	REINFORCED ENDWALLS
3	CY	PIPE COLLARS
163	EA	MASONRY DRAINAGE STRUCTURES
124	IF	MASONRY DRAINAGE STRUCTURES

12.4 LF MASONRY DRAINAGE STRUCTURES 5 EA FRAME WITH GRATE, STD 840.22

					(GROUND MOUNTED) (A)
3	EA	FRAME WITH TWO GRATES, STD 840.16	3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
5	EA	FRAME WITH TWO GRATES, STD 840.20	2	EA	(B) DISPOSAL OF SIGN SYSTEM, STEEL
9	EA	FRAME WITH TWO GRATES, STD 840.22	9	EA	BEAM DISPOSAL OF SIGN SYSTEM, U- CHANNEL
7	EA	FRAME WITH GRATE & HOOD, STD	343	SF	WORK ZONE SIGNS (STATIONARY)
		840.03, TYPE ** (E)	672 121	SF SF	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE
6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	121		MOUNTED)
		(F)	6 4	EA EA	FLASHING ARROW PANELS, TYPE C CHANGEABLE MESSAGE SIGN
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	470	EA	DRUMS
D	LF	(G) 2'-6" CONCRETE CURB & GUTTER	60 472	EA LF	CONES BARRICADES (TYPE III)
0	LF	SHOULDER BERM GUTTER	472 460	MD	FLAGGER
2	EA	MODIFIED CONCRETE FLUME	4	EA	TMIA
0 8	LF EA	CONCRETE EXPRESSWAY GUTTER CONCRETE WHEELCHAIR RAMPS	600	EA	TEMPORARY RAISED PAVEMENT MARKERS
0	SY	6" CONCRETE DRIVEWAY	81,502	LF	THERMOPLASTIC PAVEMENT MARKING
0 D	SY SY	4" CONCRETE PAVED DITCH 5" MONOLITHIC CONCRETE ISLANDS	85,806	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
-		(KEYED IN)	89,776	LF	LINES (4", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
0	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			LINES (6", 90 MILS)
5 3	EA EA	ADJUSTMENT OF CATCH BASINS ADJUSTMENT OF MANHOLES	18,576	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
9	EA	ADJUSTMENT OF METER BOXES OR	5,882	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1	EA	VALVE BOXES CONVERT EXISTING DROP INLET TO	792	LF	THERMOPLASTIC PAVEMENT MARKING
		JUNCTION BOX WITH MANHOLE COVER	113	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
4	EA	IMPACT ATTENUATOR UNIT, TYPE	2,307	LF	SYMBOL (90 MILS) COLD APPLIED PLASTIC PAVEMENT
0	LF	350 STEEL BM GUARDRAIL	2,007		MARKING LINES, TYPE ** (4")
0	EA	ADDITIONAL GUARDRAIL POSTS	6,139	LF	(IV) COLD APPLIED PLASTIC PAVEMENT
/	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			MARKING LINES, TYPE ** (6") (III)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	59,193	LF	PAINT PAVEMENT MARKING LINES (4")
1	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	290	LF	PAINT PAVEMENT MARKING LINES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	19	EA	(24") PAINT PAVEMENT MARKING SYMBOL
2	EA	B-77 GUARDRAIL ANCHOR UNITS, TYPE	15,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
3	LF	B-83 REMOVE & RESET EXISTING GUARD-	1,885	EA	SNOWPLOWABLE PAVEMENT MARKERS
_		RAIL	18 190	EA EA	7' U-CHANNEL POSTS FLEXIBLE DELINEATORS (CRYSTAL)
0 3	LF LF	REMOVE EXISTING GUARDRAIL TEMPORARY STEEL BM GUARDRAIL	120	EA	FLEXIBLE DELINEATORS (YELLOW)
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY	5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
0	LF	DOUBLE FACED CABLE GUIDERAIL	5	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
8 n	EA LF	CABLE GUIDERAIL ANCHOR UNITS WOVEN WIRE FENCE, 47" FABRIC	18	EA	OBJECT MARKERS (END OF ROAD)
0	EA	4" TIMBER FENCE POSTS, 7'-6"	46	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
D	EA	LONG 5" TIMBER FENCE POSTS, 8'-0"	149	LF	**" WATER LINE
		LONG	220	LF	(42") 4" WATER LINE
0 5	LF TON	ADDITIONAL BARBED WIRE RIP RAP, CLASS I	60	LF	6" WATER LINE
0	TON	RIP RAP, CLASS A	418	LF	8" WATER LINE
	TON	RIP RAP, CLASS B	471 821	LF LF	12" WATER LINE 16" WATER LINE
	TON	BOULDERS	4	EA	RELOCATE WATER METER
0 4	SY EA	FILTER FABRIC FOR DRAINAGE PREFORMED SCOUR HOLES WITH	1	EA	RECONNECT WATER METER
_		LEVEL SPREADER APRON	2 5	EA EA	FIRE HYDRANT RELOCATE FIRE HYDRANT
8	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS	149	LF	ABANDON **" UTILITY PIPE
8	CY	OVERHEAD FOOTING	447	LF	(42") ABANDON 12" UTILITY PIPE
0	LB LF	SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, 3-LB STEEL U-CHANNEL	808	LF	ABANDON 16" UTILITY PIPE
2	LF	SUPPORTS, WOOD	5	EA	REMOVE WATER METER
n	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	2 280	EA LF	REMOVE FIRE HYDRANT 30" ENCASEMENT PIPE
		(27+00 -Y1-)	144,000	LF	TEMPORARY SILT FENCE
n	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	9,380	TON	STONE FOR EROSION CONTROL, CLASS A
n	LS	(37+00 -Y1-) SUPPORTS, OVERHEAD SIGN STRUC-	20,895	TON	STONE FOR EROSION CONTROL, CLASS B
		TURE AT STA ****** (70+50 -L-)			SEDIMENT CONTROL STONE
n	LS	SUPPORTS, OVERHEAD SIGN STRUC-	442 7,800	ACR LB	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
		TURE AT STA ****** (89+50 -L-)	32	TON	FERTILIZER FOR TEMPORARY SEED-
6	EA	SIGN ERECTION, TYPE D	16,550	LF	ING TEMPORARY SLOPE DRAINS
2	EA	SIGN ERECTION, TYPE E	10,550	EA	INLET PROTECTION AT TEMPORARY
6	EA	SIGN ERECTION, TYPE F			SLOPE DRAINS
			13,200 73,500	LF CY	SAFETY FENCE SILT EXCAVATION
			10,000		

8,620

4,700 12,010

3,530

4,000

1,110

25,800

58,890

3,760

12,760

2,432

Lump Sum

Lump Sum

Lump Sum

Lump Sum

1,565

1,980

8,850

27,650 SIGN ERECTION, TYPE *** (GROUND MOUNTED)

12 EA

48,000	SY	MATTING FOR EROSION CONTROL
285	SY	COIR FIBER MAT
650	SY	PERMANENT SOIL REINFORCEMENT MAT
6,500	LF	1/4" HARDWARE CLOTH
100	LF	TEMPORARY PIPE FOR STREAM
		CROSSING
1,395	CY	STILLING BASINS
4	EA	SPECIAL STILLING BASINS
550	LF	WATTLE
300	LB	POLYACRYLAMIDE (PAM)
5,150	LF	COIR FIBER BAFFLES
15	EA	**" SKIMMER (1-1/2")
9	EA	**" SKIMMER
	2	(2")
1	EA	**" SKIMMER
969.5		(5")
869.5 533.5	ACR ACR	SEEDING & MULCHING MOWING
3,600	LB	SEED FOR REPAIR SEEDING
17.25	TON	FERTILIZER FOR REPAIR SEEDING
10,675	LB	SEED FOR SUPPLEMENTAL SEEDING
320	TON	FERTILIZER TOPDRESSING
260	LF	IMPERVIOUS DIKE
5	HR	SPECIALIZED HAND MOWING
54	EA	RESPONSE FOR EROSION CONTROL
2,310	CY	CULVERT DIVERSION CHANNEL
3	ACR	REFORESTATION
6.5	ACR	STREAMBANK REFORESTATION
1.143	ACR	WETLAND REFORESTATION
18	EA	GENERIC EROSION CONTROL ITEM
		LOG
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
Dump Dum	20	GRADING FOR MITIGATION
1.143	ACR	GENERIC EROSION CONTROL ITEM
		DISKING
1.143	ACR	GENERIC EROSION CONTROL ITEM
		RIPPING
140	CY	GENERIC EROSION CONTROL ITEM IMPERVIOUS SELECT MATERIAL
1,820	LF	SIGNAL CABLE
1,820	EA	VEHICLE SIGNAL HEAD (12", 3
12	LA	SECTION)
2	EA	VEHICLE SIGNAL HEAD (12", 4
		SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 5
		SECTION)
1,270	LF	MESSENGER CABLE (3/8")
2,900	LF	TRACER WIRE
25	LF	PAVED TRENCHING (**********)
4,100	LF	(1, 2") UNPAVED TRENCHING (*********)
7,100	L 1.	(1, 2")
10	EA	JUNCTION BOX (STANDARD SIZE)
5	EA	JUNCTION BOX (OVER-SIZED, HEA-
		VY DUTY)
1	EA	GUY ASSEMBLY
1	EA	2" RISER WITH HEAT SHRINK
2.410	15	TUBING
2,410	LF	INDUCTIVE LOOP SAWCUT
7,860	LF	LEAD-IN CABLE (***********) (14-2)
4,210	LF	COMMUNICATIONS CABLE (**FIBER)
1,210	1.71	(12)
1	EA	SPLICE ENCLOSURE
2	EA	INTERCONNECT CENTER
2	EA	FIBER-OPTIC TRANSCEIVER, DROP
		& REPEAT
5	EA	DELINEATOR MARKER
1	EA	FURNISH FIBER-OPTIC TRANSCEIV-
1.044	TP	ER DEMONTE EXISTING COMMUNICATIONS
1,266	LF	REMOVE EXISTING COMMUNICATIONS CABLE
8	EA	METAL STRAIN SIGNAL POLE
8	EA	SOIL TEST
56	CY	DRILLED PIER FOUNDATION
4	EA	SIGN FOR SIGNALS
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE
_		2070L, BASE MOUNTED)
13	EA	DETECTOR CARD (TYPE 2070L)

13 EA DETECTOR CARD (TYPE 2070L)

CABINET BASE EXTENDER 1 EA TRAFFIC SIGNAL REMOVAL

2 EA

		******* BEGIN SCHEDULE AA *******
6,708	LF	******* (3 ALTERNATES) ******* 15" RC PIPE CULVERTS, CLASS
2,328	LF	18" RC PIPE CULVERTS, CLASS III
1,344	LF	24" RC PIPE CULVERTS, CLASS III
2,664	LF	30" RC PIPE CULVERTS, CLASS III
		*** OR ***
5,828	LF	15" RC PIPE CULVERTS, CLASS III
1 ,9 44	LF	18" RC PIPE CULVERTS, CLASS III
1,296	LF	24" RC PIPE CULVERTS, CLASS III
1,204	LF	30" RC PIPE CULVERTS, CLASS III
880	LF	***" HDPE PIPE CULVERTS (15")
384	LF	***" HDPE PIPE CULVERTS
48	LF	(18") ***" HDPE PIPE CULVERTS
1,460	LF	(24") ***" HDPE PIPE CULVERTS
1,400		(30")
		*** OR ***
5,828	LF	15" RC PIPE CULVERTS, CLASS III
1,944	LF	18" RC PIPE CULVERTS, CLASS III
1,296	LF	24" RC PIPE CULVERTS, CLASS III
1,204	LF	30" RC PIPE CULVERTS, CLASS III
880	LF	***" ALUMINIZED CORRUGATED
		STEEL PIPE CULVERTS, ****" THICK
		(15", 0.064")
384	LF	***" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****"
		THICK
48	LF	(18", 0.064") ***" ALUMINIZED CORRUGATED
40	LF	STEEL PIPE CULVERTS, ****"
		THICK (24", 0.064")
1,460	LF	***" ALUMINIZED CORRUGATED
		STEEL PIPE CULVERTS, ****" THICK (30", 0.079")
		(,
		*** END SCHEDULE AA ***
		CULVERT ITEMS

4 EA METAL POLE FOUNDATION REMOVAL EA METAL POLE REMOVAL

4

WALL ITEMS

(38+22.00-Y1-)

CULVERT EXCAVATION, STA ****** (139+60.00-L-)

(15) 100.00-12) CULVERT EXCAVATION, STA ****** (153+62.00-1-) CULVERT EXCAVATION, STA ****** (16+14.00-Y1RPCA-)

CULVERT EXCAVATION, STA ******

CULVERT EXCAVATION, STA ****** (74+43.00-Y1-)

CLASS A CONCRETE (CULVERT)

REINFORCING STEEL (CULVERT)

3,483 TON FOUNDATION CONDITIONING MATER-IAL, BOX CULVERT

Lump Sum LS

Lump Sum LS Lump Sum LS

Lump Sum LS

Lump Sum LS

7,541.4 CY

1,062,147 LB

23,971	SF	MSE RETAINING WALLS
36,800	SF	GENERIC RETAINING WALL ITEM
		SOUND BARRIER WALL
		(114+40.00-L-)
29,234	SF	GENERIC RETAINING WALL ITEM
		SOUND BARRIER WALL
		(139+30.00-L-)

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	(1, 28+99.24-Y1RPCA-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	(1, 51+64.57-L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
Lump Sum	LS	(1, 85+98.30-L-LT) FOUNDATION EXCAVATION FOR BENT
Lump Sum	LS	** AT STATION ********** (1, 85+98.30-L-RT) FOUNDATION EXCAVATION FOR BENT
Tarman Same	10	** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
8	EA	PDA TESTING
8	EA	PDA ASSISTANCE
	SF	REINFORCED CONCRETE DECK SLAB
125,510		
132,629	SF	GROOVING BRIDGE FLOORS
1,460.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(113+38.09-L-LT) BRIDGE APPROACH SLABS, STATION ********
Lump Sum	LS	(113+38.09-L-RT) BRIDGE APPROACH SLABS, STATION
1		**************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(211+67.44-L-RT) BRIDGE APPROACH SLABS, STATION ********
Lump Sum	LS	(248+68.10-L-LT) BRIDGE APPROACH SLABS, STATION *******
Lump Sum	LS	(248+68.10-L-RT) BRIDGE APPROACH SLABS, STATION *********
Lump Sum	LS	(28+99.24-Y1RPCA-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(51+64.57-L-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(85+98.30-L-LT) BRIDGE APPROACH SLABS, STATION ********
Lump Sum	LS	(85+98.30-L-RT) BRIDGE APPROACH SLABS, STATION *******
Lump Sum	LS	(97+26.78-Y1-LT) BRIDGE APPROACH SLABS, STATION ********
		(97+26.78-Y1-RT)
266,809	LB	REINFORCING STEEL (BRIDGE)
10,902	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
883.33	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,030.64	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
4,319,441	LS	APPROX LBS STRUCTURAL STEEL
26,185	LF	HP12X53 STEEL PILES
8,355	LF	HP14X73 STEEL PILES
52	EA	STEEL PILE POINTS
220	EA	PILE REDRIVES
5,014.41	LF	CONCRETE BARRIER RAIL
5,223	SY	4" SLOPE PROTECTION
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Sump Sum	гю	EXTENSION JOINT BEALS

CONTRACT ID : C202028 34817.3.9

DIV OFFICE FAYETTEVILLE

L081216 006

LENGTH = 1.922 KM

COUNTY : CUMBERLAND

GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES.

MBE GOAL 4.0% WBE 4.0% COMPLETION DATE : OCT 01 2012

FAYETTEVILLE OUTER LOOP FROM EAST OF SR-1415 (YADKIN RD) TO WEST OF NC-24 (BRAGG BLVD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
18,130	M3	GENERIC MISCELLANEOUS ITEM CHIPPED TIRE MATERIAL
Lump Sum	LS	CLEARING & GRUBBING
Dunip Duni	20	HECTACRE(S)
2	HA	SUPPLEMENTARY CLEARING & GRUB-
		BING
4	EA	SEALING ABANDONED WELLS
313,800	M3 LS	UNCLASSIFIED EXCAVATION REINFORCED BRIDGE APPROACH
Lump Sum	Lo	FILL, STATION **********
		(12+10.929 -LP1B-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION ************************************
Lump Sum	LS	REINFORCED BRIDGE APPROACH
Duaip Duai	20	FILL, STATION **********
		(28+08.916 -COL2-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH
		FILL, STATION ************************************
28,600	M3	UNDERCUT EXCAVATION
1,200	MTN	CLASS IV SUBGRADE STABILIZA-
		TION
1,683,700	M3	BORROW EXCAVATION
4,660	M3	DRAINAGE DITCH EXCAVATION
230	М M2	BERM DITCH CONSTRUCTION
19,600	IVI2	REMOVAL OF EXISTING ASPHALT PAVEMENT
19	HR	PROOF ROLLING
28,700	M3	SELECT GRANULAR MATERIAL
35,500	M2	FABRIC FOR SOIL STABILIZATION
5,500	M3	GENERIC GRADING ITEM
5 500	10	SELECT MATERIAL, CLASS III GENERIC GRADING ITEM
5,500	M2	GENERIC GRADING ITEM FABRIC FOR EMBANK STABILIZATIO
		N
22,800	M2	GENERIC GRADING ITEM
0.000		GEOGRID REINFORCEMENT
9,200	M2	GENERIC GRADING ITEM PERM TURF REINF MAT
4,750	M2	GENERIC GRADING ITEM
		ROCK PLATING
Lump Sum	LS	GENERIC GRADING ITEM
		TEMPORARY BRIDGE APPROACH FILL STA 29+05.369 -L-WBL
Lump Sum	LS	GENERIC GRADING ITEM
•		TEMPORARY BRIDGE APPROACH FILL
T C		STA 29+08.861 -L-EBL
Lump Sum	LS	GENERIC GRADING ITEM TEMPORARY BRIDGE APPROACH FILL
		STA 29+12.986 -COL1-
14,000	MTN	SELECT MATERIAL, CLASS III
1,940	MTN	FOUNDATION CONDITIONING MATE-
91.2	м	RIAL, MINOR STRS 900MM RC PIPE CULVERTS, CLASS
91.2	141	III
171.6	М	1050MM RC PIPE CULVERTS, CLASS
		Ш
626.4	М	1200MM RC PIPE CULVERTS, CLASS III
12	М	1800MM RC PIPE CULVERTS, CLASS
		III
588	М	****MM RC PIPE CULVERTS, CLASS
		IV (1200MM)
154.8	м	****MM RC PIPE CULVERTS, CLASS
154.0	141	IV
		(1800MM)
165.6	М	****MM RC PIPE CULVERTS, CLASS
		IV (750MM)
682.8	М	400MM BIT COAT CS PIPE CUL-
		VERTS, TYPE B 1.63MM THICK
50.4	Μ	450MM BIT COAT CS PIPE CUL-
		VERTS, TYPE B 1.63MM THICK

40.8	М	800MM BIT COAT CS PIPE CUL-
14.4	М	VERTS, TYPE B 2.01MM THICK 900MM BIT COAT CS PIPE CUL-
58	EA	VERTS, TYPE B 2.01MM THICK 400MM BIT COAT CS PIPE ELBOWS,
2	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,
4	EA	TYPE B 1.63MM THICK 800MM BIT COAT CS PIPE ELBOWS,
65	м	TYPE B 2.01MM THICK PIPE REMOVAL
110	M2	150MM SLOPE PROTECTION
Lump Sum	LS	FINE GRADING
2,000	MTN	STABILIZER AGGREGATE
53,900	MTN	AGGREGATE BASE COURSE
1,000	MTN	INCIDENTAL STONE BASE
2,530	L	PRIME COAT
2,000	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (0MM TO 40MM)
585	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
3,805	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
395	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
22,185	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
570	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$9.5B
20,430	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,980	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
1,290	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,230	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
170	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
50	MTN	ASPHALT PLANT MIX, PAVEMENT REPAIR
2,100	М	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
539	M3	SUBDRAIN EXCAVATION
270	M3	SUBDRAIN FINE AGGREGATE
650	М	150MM PERFORATED SUBDRAIN PIPE
65	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
5	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
10	М	150MM OUTLET PIPE (SUBDRAINS)
32.8	M3	ENDWALLS
5.4	M3 M3	REINFORCED ENDWALLS
4.5 0.5	M3	PIPE COLLARS PIPE PLUGS
136	EA	MASONRY DRAINAGE STRUCTURES
24.1	M3	MASONRY DRAINAGE STRUCTURES
7.5	М	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH GRATE, STD 840.22
48	EA	FRAME WITH TWO GRATES, STD 840.20
67	EA	FRAME WITH TWO GRATES, STD 840.22
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
2	EA	FRAME WITH COVER, STD 840.54
390	М	750MM CONCRETE CURB & GUTTER
2,210	М	SHOULDER BERM GUTTER
4	EA	MODIFIED CONCRETE FLUME
50	М	CONCRETE VALLEY GUTTER
25	M2	100MM CONCRETE PAVED DITCH
3	EA	CONVERT EXISTING DROP INLET TO
1	EA	JUNCTION BOX IMPACT ATTENUATOR UNIT. TYPE

1 EA IMPACT ATTENUATOR UNIT, TYPE 350

Lump Sum LS SUPPORTS, OVERHEAD SIGN STRUC-TURE AT STA *****

					TURE AT STA ****** (37+90 -RP1BD-)
4 355 77		OTTO DU CILLADD AU	2	EA	SIGN ERECTION, TYPE D
4,255.77 10	M EA	STEEL BM GUARDRAIL ADDITIONAL GUARDRAIL POSTS	14	EA	SIGN ERECTION, TYPE E
10	EA	GUARDRAIL ANCHOR UNITS, TYPE	3	EA	SIGN ERECTION, TYPE F
	2.1	CAT-1	22	ΕA	SIGN ERECTION, TYPE *** (OVER- HEAD)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE			(A)
18	EA	III GUARDRAIL ANCHOR UNITS, TYPE	3	EA	SIGN ERECTION, TYPE *** (OVER-
16	LA	350			HEAD) (B)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE	13	EA	SIGN ERECTION, TYPE ***
		M-350			(GROUND MOUNTED)
19	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77		π.	(A)
2,400	М	REMOVE EXISTING GUARDRAIL	6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
2,100	М	DOUBLE FACED CABLE GUIDERAIL			(B)
8	EA	CABLE GUIDERAIL ANCHOR UNITS	2	EA	SIGN ERECTION, MILEMARKERS
2,500	М	WOVEN WIRE FENCE, 1200MM FAB-	8	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
532	EA	RIC 100MM TIMBER FENCE POSTS,			(E)
552	LA	2.30M LONG	4	EA	DISPOSAL OF SIGN SYSTEM, OVER-
112	EA	125MM TIMBER FENCE POSTS,	10		HEAD
2 650	м	2.50M LONG	10	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3,650	М	CHAIN LINK FENCE, ****MM FABRIC	10	EA	DISPOSAL OF SIGN SYSTEM, U-
		(2100MM)			CHANNEL
995	EA	METAL LINE POSTS FOR ****MM	1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
		CHAIN LINK FENCE (2100MM)	1	EA EA	DISPOSAL OF SUPPORT, U-CHANNEL DISPOSAL OF SIGN, A OR B
45	EA	METAL TERMINAL POSTS FOR	1	LA	(OVERHEAD)
		****MM CHAIN LINK FENCE	3	EA	DISPOSAL OF SIGN, D, E OR F
((2100MM) METAL GATE POSTS FOR ****MM	35	M2	WORK ZONE SIGNS (STATIONARY)
6	EA	CHAIN LINK FENCE, DOUBLE GATE	43	M2	WORK ZONE SIGNS (PORTABLE)
		(2100MM)	16	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
150	М	ADDITIONAL BARBED WIRE	2	EA	FLASHING ARROW PANELS, TYPE C
1	EA	DOUBLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING	2	EA	CHANGEABLE MESSAGE SIGN
		(2100MM, 5350MM, 10700MM)	200	EA	DRUMS
2	EA	DOUBLE GATES, ****MM HIGH,	146	М	BARRICADES (TYPE III)
		****MM WIDE, ****MM OPENING	2	EA	TEMPORARY CRASH CUSHIONS
140	М	(2100MM, 7500MM, 15000MM) CHAIN LINK FENCE RESET	2	EA	RESET TEMPORARY CRASH CUSHIONS
245	MTN		2 3,322	EA M	TMIA PORTABLE CONCRETE BARRIER
220	MTN	RIP RAP, CLASS II	5,522	M	PORTABLE CONCRETE BARRIER
1,575	MTN	RIP RAP, CLASS B	11	101	(ANCHORED)
12,765	M2	FILTER FABRIC FOR DRAINAGE	1,200	М	PORTABLE CONCRETE BARRIER
5	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	4 102	м	(DRAINAGE)
16	М3	REINFORCED CONCRETE SIGN FOUN-	4,102	М	RESET PORTABLE CONCRETE BAR- RIER
10	1110	DATIONS	500	HR	POLICE
168	M3	OVERHEAD FOOTING	98	EA	TUBULAR MARKERS (FIXED)
5,895	KG	SUPPORTS, BREAKAWAY STEEL BEAM	Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM
197	KG M	SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5-KG STEEL U-CHANN	450	EA	TEMPORARY CROSSOVERS TEMPORARY RAISED PAVEMENT
161	IVI	EL	450	LA	MARKERS
2	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	9,638	М	THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-			LINES (100MM, 2.3MM)
		TURE AT STA ****** (10+00 -RP1D-)	2,478	М	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	6,770	М	THERMOPLASTIC PAVEMENT MARKING
		TURE AT STA *****			LINES (150MM, 2.3MM)
		(11+00 -Y1-)	666	М	THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	1,833	М	LINES (150MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING
		(12+20 -Y1-)	1,000		LINES (200MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	751	М	THERMOPLASTIC PAVEMENT MARKING
		TURE AT STA ****** (16+80 -Y1-)	8	T.A	LINES (300MM, 2.3MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
-		TURE AT STA *****	17	EA	THERMOPLASTIC PAVEMENT MARKING
Tumn Cum	LS	(23+00 -Y1-) SUPPORTS, OVERHEAD SIGN STRUC-			SYMBOL (2.3MM)
Lump Sum	Lo	TURE AT STA *****	396	М	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (100MM)
		(24+20 -RP1BD-)			(IV)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	41,532	М	PAINT PAVEMENT MARKING LINES
		(27+70 -Y1-)			(100MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	580	М	PAINT PAVEMENT MARKING LINES (300MM)
		TURE AT STA ******	12	EA	PAINT PAVEMENT MARKING SYMBOL
Lump Sum	LS	(28+30 -Y1-) SUPPORTS, OVERHEAD SIGN STRUC-	201	М	POLYUREA PAVEMENT MARKING
Lamp Suit	143	TURE AT STA ******			LINES (100MM, *********) (HIGHLY DEELECTIVE ELEMENTS)
		(29+20 -COL2-)	2,140	м	(HIGHLY REFLECTIVE ELEMENTS) POLYUREA PAVEMENT MARKING
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	2,140	141	LINES (150MM, *********)
		(31+75 -Y1-)			(HIGHLY REFLECTIVE ELEMENTS)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	14	М	POLYUREA PAVEMENT MARKING LINES (200MM, *********)
		TURE AT STA ******			(HIGHLY REFLECTIVE ELEMENTS)
Lump Sum	LS	(32+00 -Y1-) SUPPORTS, OVERHEAD SIGN STRUC-	5,408	М	REMOVAL OF PAVEMENT MARKING
2 amp Guil	10	TURE AT STA ******		<u>، -</u>	LINES (100MM)
• -		(33+16 -COL2-)	96	М	REMOVAL OF PAVEMENT MARKING LINES (200MM)
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ******	1,880	М	CURING COMPOUND REMOVAL, LINES
		(35+10 -RP1BD-)	,		

42	EA	PERMANENT RAISED PAVEMENT
12	221	MARKERS
868	EA	SNOWPLOWABLE PAVEMENT MARKERS
44	EA	FLEXIBLE DELINEATORS (CRYSTAL)
52	EA	FLEXIBLE DELINEATORS (YELLOW)
Lump Sum	LS	PORTABLE LIGHTING
122	М	ABANDON 200MM UTILITY PIPE
1	EA	ABANDON UTILITY MANHOLE
37,200	М	TEMPORARY SILT FENCE
4,190	MTN	STONE FOR EROSION CONTROL, CLASS A
15,450	MTN	STONE FOR EROSION CONTROL, CLASS B
8,270	MTN	SEDIMENT CONTROL STONE
161.5	HA	TEMPORARY MULCHING
2,725	KG	SEED FOR TEMPORARY SEEDING
18	MTN	FERTILIZER FOR TEMPORARY SEED- ING
5,400	Μ	TEMPORARY SLOPE DRAINS
86	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
4,150	М	SAFETY FENCE
18,405	M3	SILT EXCAVATION
104,300	M2	MATTING FOR EROSION CONTROL
275	M2	COIR FIBER MAT
3,850	M2	PERMANENT SOIL REINFORCEMENT MAT
715	Μ	6.4MM HARDWARE CLOTH
748	M3	STILLING BASINS
590	Μ	WATTLE
477	KG	POLYACRYLAMIDE (PAM)
1,655	М	COIR FIBER BAFFLES
1	EA	***MM SKIMMER
		(102MM)
35	EA	***MM SKIMMER (38MM)
11	EA	***MM SKIMMER (51MM)
6	EA	***MM SKIMMER (64MM)
2	EA	***MM SKIMMER (76MM)
351	HA	SEEDING & MULCHING
177	HA	MOWING
3,825	KG	SEED FOR REPAIR SEEDING
12.75	MTN	FERTILIZER FOR REPAIR SEEDING
3,175	KG	SEED FOR SUPPLEMENTAL SEEDING
190.25	MTN	FERTILIZER TOPDRESSING
368	М	IMPERVIOUS DIKE
186	HR	SPECIALIZED HAND MOWING

186	HR	SPECIALIZED HAND MOWING	

- reconstruction
 response for erosion control
 Response for erosion control
 reconstruction
 reforestation

		******* BEGIN SCHEDULE AA ****** ******* (3 ALTERNATES) *******
1,911.6	М	375MM RC PIPE CULVERTS, CLASS
555.6	М	450MM RC PIPE CULVERTS, CLASS III
705.6	М	600MM RC PIPE CULVERTS, CLASS III
363.6	М	750MM RC PIPE CULVERTS, CLASS III
		*** OR ***
1,767.6	М	375MM RC PIPE CULVERTS, CLASS III
364.8	М	450MM RC PIPE CULVERTS, CLASS III
565.2	М	600MM RC PIPE CULVERTS, CLASS III
250.8	М	750MM RC PIPE CULVERTS, CLASS III
144	М	****MM HDPE PIPE CULVERTS (375MM)
190.8	М	****MM HDPE PIPE CULVERTS (450MM)
140.4	М	****MM HDPE PIPE CULVERTS (600MM)

- 112.8 M ****MM HDPE PIPE CULVERTS (750MM) *** OR ***
- 1,767.6 M 375MM RC PIPE CULVERTS, CLASS ш 450MM RC PIPE CULVERTS, CLASS 364.8 Μ Ш
- 600MM RC PIPE CULVERTS, CLASS III 565.2 M

250.8	М	750MM RC PIPE CULVERTS, CLASS III
144	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)
190.8	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (450MM, 1.63MM)
140.4	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (600MM, 1.63MM)
112.8	М	****MM ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ****** (22+70.320-L-POT)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (30+73.000-L-)
1,016	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,756.7	M3	CLASS A CONCRETE (CULVERT)
117,995	KG	REINFORCING STEEL (CULVERT)

WALL ITEMS

1,624 M2 MSE RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(14+60.500-RP1A-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
		REMOVAL OF TEMP ACCESS AT STA
		(28+66.746-COL2-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(28+72.626-RP1BD-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********** (19+34.958-Y1-LT)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
Dump Sum	20	AT STATION ************************************
1,171.5	M3	FOUNDATION EXCAVATION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
		** AT STATION **********
		(1 PART A, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
		(1 PART B, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
T	10	(1 PART C, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
Lump Sum	1.0	** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
Earlip Sain	20	** AT STATION **********
		(2 PART B, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***********
		(2 PART C, 34+21.044-RP1BD-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **********
	10	(2, 12+10.929-LP1B-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
0		(4, 14+60.500-RP1A-)
9	EA EA	PDA TESTING PDA ASSISTANCE
9 15,066.4	EA M2	REINFORCED CONCRETE DECK SLAB
13,000.4	M2 M2	GROOVING BRIDGE FLOORS
3,032.9	M3	CLASS A CONCRETE (BRIDGE)
5,652.9	1915	(Didbol)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(12+10.929-LP1B-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(14+60.500-RP1A-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(19+34.958-Y1-LT) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(19+34.958-Y1-RT) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(28+66.746-COL2-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(28+72.626-RP1BD-) BRIDGE APPROACH SLABS, STATION
		(34+21.044-RP1BD-)
284,842	KG	REINFORCING STEEL (BRIDGE)
10,396	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
121.596	М	914MM PRESTRESSED CONCRETE GIRDERS
272.828	М	1143MM PRESTRESSED CONCRETE GIRDERS
960.68	М	1372MM PRESTRESSED CONCRETE GIRDERS
2,744,900	LS	APPROX KG STRUCTURAL STEEL
1,059	М	HP310X79 STEEL PILES
13,517	м	HP360X108 STEEL PILES
1,598	М	HP360X108 GALVANIZED STEEL PILES
260	М	PP ** X **** GALVANIZED STEEL PILES (457MM X 12.7MM)
268	EA	PILE REDRIVES
2,109.748	М	CONCRETE BARRIER RAIL
3,534.1	M2	100MM SLOPE PROTECTION
985.2	M2	CLASS I, SURFACE PREPARATION
178.4	M2	CLASS IA, SURFACE PREPARATION
49.3	M2	CLASS II, SURFACE PREPARATION
55.6	M3	LATEX MODIFIED CONC OVERLAY
1,538.5	M2	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
3,445	MTN	RIP RAP CLASS II (600MM THICK)
3,516	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM POST TENSIONING TENDONS
133.5	M3	GENERIC STRUCTURE ITEM 41.4MPA CONCRETE

N.C. DEPARTMENT OF TRANSPORTATION 1591 MAIL SERVICE CENTER RALEIGH, N.C. 27699-1591

FIRST CLASS MAIL

INVITATION TO BID FOR NOVEMBER 18, 2008 HIGHWAY LETTING