

### STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

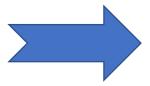
ROY COOPER GOVERNOR

J. ERIC BOYETTE SECRETARY

#### IMPORTANT INFORMATION PLEASE READ

#### TO PREQUALIFIED BIDDERS AND PURCHASE ORDER PRIMES:

The requirements for bidding on NCDOT construction projects are changing. The current requirement to purchase plans or a proposal to be eligible to bid will be replaced by a requirement to register for the *Interested Parties List*. This change will be effective for any Central or Division letting June 1, 2022 and later.



#### For any letting June 1, 2022 and later:

Contractors bidding on NCDOT contracts must sign up for the *Interested Parties* List for each project they intend to submit bids on. As part of this new requirement, Contractors must sign up for the Interested Parties List no later than one business day prior to the Letting Date.

The purchase of plans or proposals will no longer be required to bid on NCDOT Central Let projects and will be replaced by the new requirement above to sign up for the *Interested Parties* List. Plans will continue to be available for purchase, however anyone who purchases plans shall still sign up for the Interested Parties List to be eligible to bid.

A one-page quick guide follows this letter and the quick guide a more detailed walkthrough on signing up for the *Interested Parties List* can be found on the Central and Division Letting Resources pages at the links below:

https://connect.ncdot.gov/letting/Pages/Central.aspx

https://connect.ncdot.gov/letting/Pages/Division-Letting-Resources.aspx

The links and functionality described in the guides will be available on our website in the near future. For more information or assistance with this new process please submit any questions to InterestedPartiesHelp@ncdot.gov.

For additional assistance with general bidding related questions please email AWPhelp@ncdot.gov.

Ronald E. Davenport, Jr., PE State Contract Officer

Ronald E. Davenport, Ir.

Telephone: (919) 707-6900 Fax: (919) 250-4127

Customer Service: 1-877-368-4968

Website: www.ncdot.gov

### **Interested Parties List**

To **register to bid on an upcoming NCDOT construction contract,** or to register in general to be notified about updates for selected upcoming contracts to be let, add your firm to the Interested Parties list for each contract in which you are interested. Interested parties will be informed by mail whenever there are addenda or other changes to the planned letting.

You are no longer required to be a Plan Holder to bid for any lettings occurring June 1, 2022, or later.

Interested parties and authorized bidders MUST sign up at least <u>one full business</u> day prior to the let date.

### **To Register:**

- 1. Navigate to the details page for the selected contract. Press **Interested**Parties for this letting or go directly to the overall <u>Interested Parties list</u>
- Press Add Firm and find your firm using the Search box. Select your firm name and press Next
- 3. Complete the contact information for the person to be notified of changes and press **Next**
- 4. Review the list of upcoming Central and Division contracts and select the upcoming contract(s) in which you are interested and press **Next**. There is no need to register again for contracts for which you have previously registered.
- 5. The confirmation page will summarize your entered information. Press **Submit**.
- 6. A confirmation email will be sent to the provided address. Within one hour, the firm will appear on the publicly viewable Interested Parties list for each of the specified contracts. Allow five business days for NCDOT staff to upload your firm as an authorized bidder in Bid Express.

Email InterestedPartiesHelp@ncdot.gov if you have any problems registering.



# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER GOVERNOR J.R. "JOEY" HOPKINS SECRETARY

## NOTICE OF DBE OPPORTUNITIES

#### **Upcoming Opportunities for DBE Firms to Participate on NCDOT Projects**

As part of the North Carolina Department of Transportation's continuing commitment to promote Disadvantaged/Minority/Women Business Enterprise (D/M/WBE) participation, the Division of Highways Chief Engineer's Office would like to remind you of the broad range of construction, maintenance and operational opportunities available within NCDOT. One of these opportunities is the monthly advertisement of Central Let projects with letting typically held on the third Tuesday of each month. NCDOT advertises the Central Lettings at the location below with a separate letting page for each month. If your firm is eligible to bid (i.e. prequalified as a Bidder), you can download and print the bid related items from the upcoming monthly letting pages here:

#### **Central Highway Lettings**

Additionally, if you are interested in providing subcontractor work for any of the listed projects, we strongly encourage you to solicit each of the contractors bidding on the projects to see if they are interested in receiving a quote. Potential bidders or subcontractors may sign themselves up and provide contact information using the Interested Parties List button on each of the monthly letting pages. A screenshot of the IPL button is shown below for reference:

Interested Parties for this Letting

I would like to personally thank you for your time in considering this opportunity with the North Carolina Department of Transportation.

Sincerely,

-DocuSigned by:

Lamar Sylvester, PE Chief Engineer Division of Highways

MAILING ADDRESS:

NC DEPARTMENT OF TRANSPORTATION OFFICE OF THE CHIEF ENGINEER MAIL SERVICE CENTER 1536 RALEIGH NC 27699-1536 TELEPHONE: 919-707-2500 FAX: 919-733-9428 Customer Service: 1-877-368-4968

WEBSITE: WWW.NCDOT.GOV

LOCATION: 1 SOUTH WILMINGTON STREET RALEIGH NC 27601

#### **Notice Regarding Upcoming Buy America Changes**

On January 14, 2025, the Federal Highway Administration (FHWA) terminated its General Waiver for Manufactured Products and established specific Buy America requirements for their use on Federal-aid highway projects.

This means that as of the following dates, materials defined as manufactured products permanently incorporated into Federal-aid highway projects will have to be manufactured in the United States.

#### **Key Implementation Dates**

- Phase 1: contracts obligated on or after October 1, 2025
  - Final assembly of all manufactured products permanently incorporated into Federal-aid highway projects must occur in the United States.
- Phase 2: contracts obligated on or after October 1, 2026
  - Final assembly of all manufactured products permanently incorporated into Federal-aid highway projects must occur in the United States.

#### AND

The cost of U.S.-produced components in manufactured products must be greater than
 55% of the total cost of all components.

#### **Definition of Manufactured Products**

Manufactured Products are defined as articles, materials, or supplies that:

- Have been processed into a specific form and shape, or
- Have been combined with other articles or supplies to create a product with different properties than the individual articles, materials, or supplies.

This places greater emphasis on using domestically produced materials on these projects and is consistent with the Build America, Buy America Act (BABA) under the Bipartisan Infrastructure Law (BIL).



# **2025 NCDOT TECHNICAL TRAINING SCHEDULE**



#### **RALEIGH**

Wake Technical Community College Western Wake Campus 3434 Kildaire Farm Road Cary, N.C. 27518

#### CONCORD

Rowan Cabarrus Community College South Campus - Bldg S201/Room 107 1531 Trinity Church Road Concord, N.C. 28027

#### **LUMBERTON**

Robeson Community College Truist Conference Room 5160 Fayetteville Road Lumberton, N.C. 28360

#### **HICKORY**

Western Piedmont Council of Governments WPCOG Conference Room 1880 2nd Ave NW Hickory, N.C. 28601

DATES	COURSE TOPICS	RALEIGH	CONCORD	LUMBERTON	HICKORY
April 2025	Construction Plan Reading	April 3	April 10	April 17	April 24
May 2025	Drones (UAS) & Construction Surveying	n/a	May 15	May 29	n/a
June 2025	Erosion Control	June 12	n/a	n/a	June 19
July 2025	Navigating NCDOT Contracts	n/a	July 10	July 24	n/a
August 2025	Incidental Concrete	Aug. 14	n/a	n/a	Aug. 28
September 2025	Work Zone Traffic Control	n/a	Sept. 11	Sept. 25	n/a
October 2025	Clearing, Grubbing & Excavation	Oct. 9	n/a	n/a	Oct. 23
November 2025	Construction Hauling	Nov. 6	Nov. 13	n/a	n/a

The 2025 NCDOT Technical Training Series is a program that offers various courses to small highway construction contractors interested in working on NCDOT projects. Each course will cover NCDOT Standard Specifications and Drawings, lettings & bidding, project management, invoicing and payment, equipment requirements, and more. Courses will be held in Raleigh, Concord, Lumberton, and Hickory and will be taught in-person by NCDOT engineers, prime contractors, and other industry professionals. To register, please visit the website: www.ncdot.gov/highwaystechtraining. For questions, please email: ccu@ncdot.gov or call: 984-810-9276.



# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION INVITATION TO BID

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISIONS) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN THE CONTRACT STANDARDS AND DEVELOPMENT UNIT RIVERWOOD CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. OR VIA THE WEBCAST AT 2:00 PM ON AUGUST 19, 2025. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

1. THE BIDDER SHALL SELF REGISTER AT THE FOLLOWING WEBSITE FOR EACH PROJECT FOR WHICH THEY INTEND TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID

https://connect.ncdot.gov/letting/pages/Interested-Parties.aspx

- 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 THEY ELECT TO FURNISH A BID DEPOSIT.
- 3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION, EXECUTED PAYMENT AND PERFORMANCE BONDS, AND OPTIONAL BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT FORM (SPA-1) FOR EACH CONTRACT. CERTIFICATION FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE https://connect.ncdot.gov/letting/Pages/Central-Letting-Forms.aspx. BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT FORM (SPA-1) IS AVAILABLE AT THE FOLLOWING WEBSITE https://connect.ncdot.gov/letting/Pages/Central-Letting-Resources.aspx.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE EMAILED TO THE STATE CONTRACT OFFICER AT ContractOfficer@ncdot.gov.

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. ON FEDERAL PROJECTS, THE APPROPRIATE CONTRACTOR'S LICENSE SHALL BE OBTAINED WITHIN 60 DAYS OF BID OPENING. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, VISIT THE CONTRATOR LICENSING BOARD WEBSITE AT https://www.nclbgc.org OR EMAIL licensing@nclbgc.org.

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 PREQUALIFICATION SECTION OF THE CONTRACT STANDARDS AND DEVELOPMENT UNIT AT https://connect.ncdot.gov/business/Prequal/Pages/default.aspx. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES MANAGEMENT SECTION AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY ENSURE 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 (919-707-6925), FAXING (919-250-4127), OR VISITING THE WEBSITE AT: https://connect.ncdot.gov/letting/Pages/Order-Plans.aspx. 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 7.25% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

TODAY'S DATE IS JULY 22, 2025.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

#### REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

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

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

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

DIV NO.	DIVISION ENGINEER	TOWN	TELEPHONE
001	C. Win Bridgers, Jr., PE	EDENTON	(252) 482-1850
002	Mary Beth Houston	NEW BERN	(252) 514-4716
003	Trevor Carroll	CASTLE HAYNE	(910) 341-2000
004	Andy Brown	WILSON	(252) 237-6164
005	Rebecca Gallas	DURHAM	(919) 220-4600
006	Wallace Jernigan, PE	FAYETTEVILLE	(910) 364-0600
007	Wright Archer, III, PE	GREENSBORO	(336) 487-0000
008	Reuben Blakley, PE	CARTHAGE	(910) 773-8000
009	John Rhyne	WINSTON-SALEM	(336) 747-7800
010	Brett Canipe, PE	ALBEMARLE	(704) 983-4400
011	Michael Poe, PE	NORTH WILKESBORO	(336) 903-9101
012	Mark Stafford, PE	SHELBY	(704) 480-5400
013	Timothy Anderson, PE	ASHEVILLE	(828) 250-3000
014	Wesley Grindstaff, PE	SYLVA	(828) 586-2141

Bid Letting Num	nber: L250819			
RPN Contract Io	d WBS	County	Length	Job Type
001 C204832	67090.3.1	NASH, HALIFAX	0.167 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
002 C205076	44369.3.3	CUMBERLAND, HOKE	0.869 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
003 C204971	40251.3.1	GUILFORD	4.467 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.
004 C204829	45672.3.1	ROCKINGHAM	0.426 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
005 C204975	53080.3.1	FORSYTH	0.819 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
006 C204991	BP10.R013.3	MECKLENBURG	0.315 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
007 C205039	40543.3.2	MECKLENBURG	0.531 MI	GRADING, DRAINAGE, AND PAVING.
008 C204977	15BPR.119.3	CATAWBA, ALEXANDER	0.330 MI	BRIDGE REHABILITATION.
009 C204956	34544.3.3	BURKE, CALDWELL	0.587 MI	DRAINAGE, GRADING, PAVING, AND STRUCTURES.
010 C205121	18314.1045035, ETC.	HENDERSON	1.454 MI	GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

L250819

CONTRACT ID: C204832 67090.3.1 DIV OFFICE WILSON LENGTH = 0.167 MI

COUNTY : NASH, HALIFAX

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00% COMPLETION DATE: MAR 29, 2028

#### BRIDGE #630036 OVER FISHING CREEK ON NC-561.

		DO ADWAY ITEMS	2	EA	SIGN ERECTION, TYPE D
		ROADWAY ITEMS	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
Lump Sum	LS	MOBILIZATION	74	SF	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	CONSTRUCTION SURVEYING	96	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	36	SF	WORK ZONE SIGNS (BARRICADE
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	30	51	MOUNTED)
10,500	CY	UNCLASSIFIED EXCAVATION	50	EA	DRUMS
200	CY	UNDERCUT EXCAVATION	64	LF	BARRICADES (TYPE III)
20,000	CY	BORROW EXCAVATION	150	DAY	FLAGGER
900	CY	DRAINAGE DITCH EXCAVATION	57	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,630	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	11,805	LF	PAINT PAVEMENT MARKING LINES (4")
200	CY	SELECT GRANULAR MATERIAL	4,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
300	SY	GEOTEXTILE FOR SOIL STABILIZATION	3,520	LF	GENERIC PAVEMENT MARKING ITEM
245	SF	TEMPORARY SHORING			INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES, (6", 90 MILS)
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 16+54.00-L-	6	EA	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS
20	TON	FOUNDATION CONDITIONING MATERIAL,	3	EA	PERMANENT RAISED PAVEMENT MARKERS
		MINOR STRUCTURES	3,900	LF	TEMPORARY SILT FENCE
60	SY	FOUNDATION CONDITIONING GEOTEXTILE	150	TON	STONE FOR EROSION CONTROL, CLASS A
104	LF	15" DRAINAGE PIPE	370	TON	STONE FOR EROSION CONTROL, CLASS B
4	EA	**" DRAINAGE PIPE ELBOWS (15")	455	TON	SEDIMENT CONTROL STONE
64	LF	15" RC PIPE CULVERTS, CLASS IV	7	ACR	TEMPORARY MULCHING
Lump Sum	LS	FINE GRADING	500	LB	SEED FOR TEMPORARY SEEDING
100	CY	SHALLOW UNDERCUT	3	TON	FERTILIZER FOR TEMPORARY SEEDING
200	TON	CLASS IV SUBGRADE STABILIZATION	1,125	LF	TEMPORARY SLOPE DRAINS
300	SY	GEOTEXTILE FOR SUBGRADE	460	LF	SAFETY FENCE
50	TON	STABILIZATION  INCIDENTAL STONE BASE	1,100	CY	SILT EXCAVATION
50		INCIDENTAL STONE BASE	16,000	SY	MATTING FOR EROSION CONTROL
790	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	855	SY	COIR FIBER MAT
300	SY	INCIDENTAL MILLING	770	LF	1/4" HARDWARE CLOTH
760	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	100	SY	LOW PERMEABILITY GEOTEXTILE
305	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	8	EA	SPECIAL STILLING BASINS
340	TON	ASPHALT CONC SURFACE COURSE, TYPE	120	LB	FLOCCULANT
		S9.5B	360	LF	COIR FIBER WATTLE
420	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	225	LF	COIR FIBER BAFFLE
100	TON	ASPHALT BINDER FOR PLANT MIX	3	EA	**" SKIMMER (1-1/2")
4	EA	MASONRY DRAINAGE STRUCTURES	7	ACR	SEEDING & MULCHING
4	EA	FRAME WITH TWO GRATES, STD 840.29	3.5	ACR	MOWING
112	LF	SHOULDER BERM GUTTER	100	LB	SEED FOR REPAIR SEEDING
625	LF	STEEL BEAM GUARDRAIL	0.25	TON	FERTILIZER FOR REPAIR SEEDING
10	EA	ADDITIONAL GUARDRAIL POSTS	225	LB	SEED FOR SUPPLEMENTAL SEEDING
4	EA	GUARDRAIL END UNITS, TYPE TL-3	6.25	TON	FERTILIZER TOPDRESSING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	10	MHR	SPECIALIZED HAND MOWING
104	LF	REMOVE EXISTING GUARDRAIL	2	MHR	MANUAL LITTER REMOVAL
1,150	LF	TEMPORARY STEEL BEAM GUARDRAIL	1	TON	LITTER DISPOSAL
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS,	18	EA	RESPONSE FOR EROSION CONTROL
		TYPE ******** (III)	1	EA	CONCRETE WASHOUT STRUCTURE
6	EA	TEMPORARY GUARDRAIL END UNITS, TYPE	1.5	ACR	REFORESTATION
		****** (TL-3)	6	EA	GENERIC EROSION CONTROL ITEM
5	EA	TEMPORARY ADDITIONAL GUARDRAIL POSTS			PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS
650	TON	RIP RAP, CLASS II	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
4	TON	RIP RAP, CLASS B			REMOVAL OF TEMP STRUCTURE AT STA
1,635	SY	GEOTEXTILE FOR DRAINAGE			(16+53.50 -LDET-)
68	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
		(16+54.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	ASBESTOS ASSESSMENT
128	LF	3'-6" DIA DRILLED PIERS IN SOIL
46	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
75	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
2	EA	SID INSPECTIONS
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ********* (16+54.00 -L-)
8,177	SF	REINFORCED CONCRETE DECK SLAB
7,788	SF	GROOVING BRIDGE FLOORS
105.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(16+54.00 -L-)
34,901	LB	REINFORCING STEEL (BRIDGE)
4,555	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,037.5	LF	FIB **" PRESTRESSED CONCRETE GIRDERS (45")
12	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 x 53)
540	LF	HP 12 X 53 STEEL PILES
416.67	LF	CONCRETE BARRIER RAIL
682	TON	RIP RAP CLASS II (2'-0" THICK)
758	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

LENGTH = 0.869 MI

COUNTY : CUMBERLAND, HOKE

CONTRACT ID: C205076

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

44369.3.3

DBE GOAL 6.00% COMPLETION DATE: NOV 11, 2028

DIV OFFICE FAYETTEVILLE

#### SR-1102 (GILLIS HILL RD) FROM SOUTH OF CELTIC DR TO NORTH OF SR-1112 (STONEY POINT RD).

		ROADWAY ITEM	60	EA	MASONRY DRAINAGE STRUCTURES
			6.4	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	MOBILIZATION  CONSTRUCTION SURVEYING	5	EA	FRAME WITH TWO GRATES, STD 840.16
Lump Sum	LS	CONSTRUCTION SURVEYING	1	EA	FRAME WITH TWO GRATES, STD 840.24
Lump Sum	LS	GRADING	18	EA	FRAME WITH TWO GRATES, STD 840.29
1 000	ACR	SUPPLEMENTARY CLEARING & GRUBBING	5	EA	FRAME WITH GRATE & HOOD, STD 840.03,
1,000	CY	UNDERCUT EXCAVATION			TYPE ** (E)
40	CY	DRAINAGE DITCH EXCAVATION	19	EA	FRAME WITH GRATE & HOOD, STD 840.03,
900	CY	SELECT GRANULAR MATERIAL, CLASS III			TYPE ** (F)
800 1,980	SY SF	GEOTEXTILE FOR SOIL STABILIZATION TEMPORARY SHORING	9	EA	FRAME WITH GRATE & HOOD, STD 840.03,
	SY	ROCK PLATING			TYPE ** (G)
500 200	TON		2	EA	FRAME WITH COVER, STD 840.54
200	ION	GENERIC GRADING ITEM CLASS IV AGGREGATE STABILIZATION	2	EA	CONCRETE TRANSITIONAL SECTION FOR
580	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	2.570		DROP INLET
1,810	SY	FOUNDATION CONDITIONING GEOTEXTILE	2,570	LF	**'-**" CONCRETE CURB & GUTTER (2'-9")
184	LF	15" DRAINAGE PIPE	4,300	LF	1'-6" CONCRETE CURB & GUTTER
2,532	LF	15" RC PIPE CULVERTS, CLASS IV	9,150	LF	2'-6" CONCRETE CURB & GUTTER
1,132	LF	18" RC PIPE CULVERTS, CLASS IV	580	LF	CONCRETE VALLEY GUTTER
320	LF	24" RC PIPE CULVERTS, CLASS IV	4,900	SY	4" CONCRETE SIDEWALK
76	LF	30" RC PIPE CULVERTS, CLASS IV	6	EA	CONCRETE CURB RAMPS
32	LF	36" RC PIPE CULVERTS, CLASS IV	880	SY	6" CONCRETE DRIVEWAY
168	LF	42" RC PIPE CULVERTS, CLASS IV	130	SY	4" CONCRETE PAVED DITCH
652	LF	**" RC PIPE CULVERTS, CLASS V	340	SY	5" MONOLITHIC CONCRETE ISLANDS
96	LF	(15") **" RC PIPE CULVERTS, CLASS V	270	LF	(SURFACE MOUNTED) PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
76	LF	(24") **" RC PIPE CULVERTS, CLASS V	1	EA	ADJUSTMENT OF CATCH BASINS
,,		(30")	525	LF	STEEL BEAM GUARDRAIL
160	LF	**" RC PIPE CULVERTS, CLASS V (42")	50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
582	LF	PIPE REMOVAL	5	EA	ADDITIONAL GUARDRAIL POSTS
3,500	CY	SHALLOW UNDERCUT	1	EA	GUARDRAIL END UNITS, TYPE AT-1
7,940	TON	CLASS IV SUBGRADE STABILIZATION	3	EA	GUARDRAIL END UNITS, TYPE CAT-1
12,450	SY	GEOTEXTILE FOR SUBGRADE	3	EA	GUARDRAIL END UNITS, TYPE TL-3
270	TON	STABILIZATION AGGREGATE BASE COURSE	1	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
200	TON	INCIDENTAL STONE BASE	520	TON	RIP RAP, CLASS I
256	GAL	PRIME COAT	349	TON	RIP RAP, CLASS B
12,790	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH	2,165	SY	GEOTEXTILE FOR DRAINAGE
		(3")	240	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
780	SY	MILLING ASPHALT PAVEMENT, ***" TO  ******	24	EA	SIGN ERECTION, TYPE E
1,000	SY	(0" TO 3") INCIDENTAL MILLING	6	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)
9,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	20	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
3,000	TON	ASPHALT CONC SURFACE COURSE, TYPE	184	SF	WORK ZONE SIGNS (STATIONARY)
£ 200	TON	S9.5B	296	SF	WORK ZONE SIGNS (PORTABLE)
5,300	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	46	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,340	TON	ASPHALT BINDER FOR PLANT MIX	2	EA	FLASHING ARROW BOARD
245	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
650	CY	SUBDRAIN EXCAVATION	190	EA	DRUMS
2,900	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	88	LF	BARRICADES (TYPE III)
487	CY	SUBDRAIN COARSE AGGREGATE	656	DAY	FLAGGER
2,900	LF	6" PERFORATED SUBDRAIN PIPE	2	EA	TEMPORARY CRASH CUSHIONS
6	EA	SUBDRAIN PIPE OUTLET	4	EA	REMOVE & RESET TEMPORARY CRASH
36	LF	6" OUTLET PIPE		E.A	CUSHION
14	CY	ENDWALLS	2	EA	TMA
0.66	CY	PIPE COLLARS			

207	LE	DODTADLE CONCRETE DADDIED	220	TON	CTONE FOR EROSION CONTROL CLASS A
387	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	320	TON	STONE FOR EROSION CONTROL, CLASS A
676	LF	REMOVE & RESET PORTABLE CONCRETE	930	TON	STONE FOR EROSION CONTROL, CLASS B
1,235	EA	BARRIER (ANCHORED) TEMPORARY RAISED PAVEMENT MARKERS	895	TON	SEDIMENT CONTROL STONE
31,799	LF	THERMOPLASTIC PAVEMENT MARKING	19	ACR	TEMPORARY MULCHING
31,777	Li	LINES (4", 90 MILS)	1,000	LB	SEED FOR TEMPORARY SEEDING
615	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	4.5	TON	FERTILIZER FOR TEMPORARY SEEDING
1,139	LF	THERMOPLASTIC PAVEMENT MARKING	345	LF	TEMPORARY SLOPE DRAINS
_		LINES (24", 90 MILS)	1,660	LF	SAFETY FENCE
67	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1,270	CY	SILT EXCAVATION
29	EA	HEATED-IN-PLACE THERMOPLASTIC	14,360	SY	MATTING FOR EROSION CONTROL
160.004		PAVEMENT MARKING SYMBOL (90 MILS)	100	SY	COIR FIBER MAT
160,094	LF	PAINT PAVEMENT MARKING LINES (4")	2,445	LF	1/4" HARDWARE CLOTH
5,466	LF	PAINT PAVEMENT MARKING LINES (8")	4	EA	SPECIAL STILLING BASINS
856	LF	PAINT PAVEMENT MARKING LINES (24")	1,980	LB	FLOCCULANT
176	EA	PAINT PAVEMENT MARKING SYMBOL	5,900	LF	COIR FIBER WATTLE
103,113	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	70	LF	COIR FIBER BAFFLE
3,120	LF	REMOVAL OF PAVEMENT MARKING LINES	15	ACR	SEEDING & MULCHING
400	LE	(8")	15	ACR	MOWING
409	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	200	LB	SEED FOR REPAIR SEEDING
80	EA	REMOVAL OF PAVEMENT MARKING	0.75	TON	FERTILIZER FOR REPAIR SEEDING
689	EA	SYMBOLS & CHARACTERS PERMANENT RAISED PAVEMENT MARKERS	325	LB	SEED FOR SUPPLEMENTAL SEEDING
	LS		9.75	TON	FERTILIZER TOPDRESSING
Lump Sum		PORTABLE LIGHTING	500	LF	IMPERVIOUS DIKE
131	LF	2" WATER LINE	10	MHR	SPECIALIZED HAND MOWING
3,111	LF	8" WATER LINE	100	EA	RESPONSE FOR EROSION CONTROL
858	LF	12" WATER LINE	1	EA	CONCRETE WASHOUT STRUCTURE
5,672	LF	16" WATER LINE	360	EA	GENERIC EROSION CONTROL ITEM
262 24,628	LF LB	20" WATER LINE DUCTILE IRON WATER PIPE FITTINGS	300	LA	FABRIC INSERT INLET PROTECTION CLEANOUT
1	EA	2" VALVE	120	EA	GENERIC EROSION CONTROL ITEM
13	EA	6" VALVE		E.4	FABRIC INSERT INLET PROTECTION, TYPE 1
9	EA	8" VALVE	6	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT
2	EA	12" VALVE	50	SY	GENERIC EROSION CONTROL ITEM
	EA				PERMANENT SOIL REINFORCEMENT MAT, TYPE 2
7		16" VALVE	8	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION
1	EA	**" TAPPING SLEEVE & VALVE (2")	6.050	LE	W/COUNTDOWN) SIGNAL CABLE
1	EA	8" TAPPING SLEEVE & VALVE	6,050	LF	
1	EA	16" TAPPING SLEEVE & VALVE	22	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
3	EA	**" COMBINATION AIR VALVE	9	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
2	Ε.	(2")	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2	EA	RELOCATE WATER METER	990	LF	MESSENGER CABLE (3/8")
13	EA	FIRE HYDRANT	3	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	RELOCATE FIRE HYDRANT	2	EA	WOOD POLE
141	LF	FIRE HYDRANT LEG	4	EA	GUY ASSEMBLY
13	LF	WATER SERVICE LINE	2,125	LF	LEAD-IN CABLE (14-2)
901	LF	8" SANITARY GRAVITY SEWER	2	EA	METAL STRAIN SIGNAL POLE
233	LF	12" SANITARY GRAVITY SEWER	2	EA	SOIL TEST
1	EA	SANITARY SEWER CLEAN-OUT	20	CY	DRILLED PIER FOUNDATION
8	LF	SEWER SERVICE LINE	2	EA	METAL STRAIN POLE DESIGN
10	EA	4' DIA UTILITY MANHOLE	9	EA	SIGN FOR SIGNALS
52.3	LF	UTILITY MANHOLE WALL 4' DIA	8	EA	TYPE II PEDESTAL WITH FOUNDATION
65	LF	ABANDON **" UTILITY PIPE (2")	3	EA	GENERIC SIGNAL ITEM 2070LX CONTROLLER
2,720	LF	ABANDON 8" UTILITY PIPE	8	EA	GENERIC SIGNAL ITEM
621	LF	ABANDON 12" UTILITY PIPE			MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES
4,550	LF	ABANDON 16" UTILITY PIPE			CULVERT ITEMS
6	EA	REMOVE FIRE HYDRANT		1.0	
81	LF	6" ENCASEMENT PIPE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION **********
34	LF	16" ENCASEMENT PIPE			(25+46.30 -LB-)
452	LF	24" ENCASEMENT PIPE	Lump Sum	LS	BOX CULVERT EXCAVATION, STA ******* (25+46.30 -LB-)
78	LF	30" ENCASEMENT PIPE	409	TON	FOUNDATION CONDITIONING MATERIAL,
236	LF			C***	BOX CULVERT
		36" ENCASEMENT PIPE	633.5	CY	CLASS A CONCRETE (CULVERT)
289	LF	BORE AND JACK OF **" (24")	97,354	LB	REINFORCING STEEL (CULVERT)
121	LF	BORE AND JACK OF **"			WALL ITEMS
262	LF	(36") DIRECTIONAL DRILLING OF **"	1,600	SF	SOLDIER PILE RETAINING WALLS
		(20")			
14,240	LF	TEMPORARY SILT FENCE			

L250819

CONTRACT ID: C204971 40251.3.1 DIV OFFICE GREENSBORO LENGTH = 4.467 MI

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURE.

DBE GOAL 6.00% COMPLETION DATE: FEB 28, 2030

#### SR-1818 (JOHNSON ST)/SR-1850 (SANDY RIDGE RD) FROM SR-1820 (SKEET CLUB RD) TO SOUTH OF I-40.

MATHEMATICAL   1.00			DO ADWAY ITEMS	100	TON	INCIDENTAL STONE BASE
Lamp	Lump Sum	1.5	ROADWAY ITEMS			
	•			6 120	CV	· · · ·
2	•			0,130	31	
1.	_			280	SY	
15.00   CV	2	EA	SEALING ABANDONED WELLS	6,500	SY	
TYPE   1906	83,500	CY	UNCLASSIFIED EXCAVATION	45,870	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
15.15   10   10   10   10   10   10   10	16,600	CY	UNDERCUT EXCAVATION	42,470	TON	
2.570   CY	155,100	CY	BORROW EXCAVATION	8,490	TON	
19.10   ST   DEMINANCE PITCH INSTITUTE ASPICALT   SOUTH ASPIRATION   SUBDRAIN EXCANTION   SUBDRAIN EXCONTION   SUBDRAIN EXCANTION   SUBDRAIN EXCONTION   SUBD	3	EA	EMBANKMENT SETTLEMENT GAUGES	25 700	TON	
PAYMENT	2,570	CY	DRAINAGE DITCH EXCAVATION	33,780	ION	
1.00	9,100	SY		6,790	TON	ASPHALT BINDER FOR PLANT MIX
11.250   S. S   S   S   S   S   S   S   S   S	40	HR		896		ASPHALT PLANT MIX, PAVEMENT REPAIR
1.23   S. F.   TIMPORANY SIGNING	6,400	CY	SELECT GRANULAR MATERIAL			
1.565   S.F.	11,250	SY	GEOTEXTILE FOR SOIL STABILIZATION			
Limp Sum   Limp Sum   Limp Sum   STABILIZATION   STABILIZE AGGREGATE   STABILIZATION   STABILIZER AGGREGATE   STABILIZ	1,238	SF	TEMPORARY SHORING			
Lump Sum   1	1,050	SY				
Second   Commerce						
S.148   TO   FOUNDATION CONDITIONING MATERIAL   MINIOR STRUCTURES   MASONRY DRAINAGE STRUCTURES	Lump Sum	LS				
S.148   TO   STATE   TO   STA			55+24 -L-			
3,112   LF	5,148	TON				MASONRY DRAINAGE STRUCTURE
1912   IF   187 DRAINAGE PIPE   0.18   CY   PIPE PLUGS	18,168	SY	FOUNDATION CONDITIONING GEOTEXTILE			
1	3,112	LF	15" DRAINAGE PIPE			
1,034   LF   30° DRAINAGE PIPE	912	LF	18" DRAINAGE PIPE			
1975   1975	812	LF	24" DRAINAGE PIPE			
32	1,034	LF	30" DRAINAGE PIPE			
2 EA **** DRAINAGE PIPE ELBOWS	372	LF	36" DRAINAGE PIPE			
2						
2	2	EA				
15.020	2	EA				
15,020	60	LF		20	EA	FRAME WITH TWO GRATES, STD 840.24
13.876 LF 18" RC PIPE CULVERTS, CLASS IV  4.752 LF 24" RC PIPE CULVERTS, CLASS IV  1.732 LF 30" RC PIPE CULVERTS, CLASS IV  1.733 LF 30" RC PIPE CULVERTS, CLASS IV  1.734 LF 36" RC PIPE CULVERTS, CLASS IV  1.735 LF 36" RC PIPE CULVERTS, CLASS IV  1.736 LF 42" RC PIPE CULVERTS, CLASS IV  1.737 LF 42" RC PIPE CULVERTS, CLASS IV  1.738 LF 42" RC PIPE CULVERTS, CLASS IV  1.749 LF 42" RC PIPE CULVERTS, CLASS IV  1.750 LF 42" RC PIPE CULVERTS, CLASS	15.020		(12")	73	EA	FRAME WITH TWO GRATES, STD 840.29
4.752 LF 24" RC PIPE CULVERTS, CLASS IV  1.732 LF 30" RC PIPE CULVERTS, CLASS IV  1.732 LF 30" RC PIPE CULVERTS, CLASS IV  304 LF 36" RC PIPE CULVERTS, CLASS IV  105 LF 42" RC PIPE CULVERTS, CLASS IV  116 LF 42" RC PIPE CULVERTS, CLASS IV  117 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE **  (G)  118 LF *** CAP PIPE CULVERTS, CLASS IV  121 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE **  (G)  118 LF *** CAP PIPE CULVERTS, CLASS V  (18")  121 EA CONCRETE TRANSITIONAL SECTION FOR DROP INLET  122  EA GENERIC DRAINAGE ITEM  123 FOUCTILE IRON PIPE, CLASS 150, (SEALED)  124 LIMP Sum LS FINE GRADING  125 FINE GRADING  126 FOR CONCRETE CURB & GUTTER  127 CONCRETE CURB & GUTTER  127 CONCRETE CURB & GUTTER  128 CONCRETE CURB & GUTTER  129 CONCRETE CURB & GUTTER  14,100 SY 4" CONCRETE CURB & GUTTER  14,100 SY 4" CONCRETE CURB & GUTTER  150 CONCRETE CURB & GUTTER  170 CLASS IV SUBGRADE STABILIZATION  100 CY SHALLOW UNDERCUT  101 CLASS IV SUBGRADE STABILIZATION  102 SY 6" CONCRETE DRIVEWAY  103 SY STABILIZER AGGREGATE  10650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  105 CONCRETE CURB & GUTTER  10650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  107 CONCRETE CURB & GUTTER  108 CONCRETE CURB & GUTTER  109 CONCRETE CURB & GUTT				25	EA	
1,732 LF 30" RC PIPE CULVERTS, CLASS IV  304 LF 36" RC PIPE CULVERTS, CLASS IV  160 LF 42" RC PIPE CULVERTS, CLASS IV  204 LF **" RC PIPE CULVERTS, CLASS IV  205 LF **" CAP IPE CULVERTS, CLASS IV  206 LF **" RC PIPE CULVERTS, CLASS IV  207 (18")  208 LF **" CAP IPE CULVERTS, CLASS IV  209 LF **" CAP IPE CULVERTS, CLASS IV  209 LF **" CAP IPE CULVERTS, CLASS IV  200 LF **" CAP IPE CULVERTS, CLASS IV  200 LF **" CAP IPE CULVERTS, CLASS IV  201 LT **" CAP IPE CULVERTS, CLASS IV  202 LT **" CAP IPE CULVERTS, CLASS IV  203 LT **" CAP IPE CULVERTS, ****** THICK  204 (24", 0.064")  205 LF **" CAP IPE CULVERTS, ****** THICK  207 LE ****** CAP IPE CULVERTS, ****** THICK  208 LF GENERIC PIPE ITEM  18" DUCTILE IRON PIPE, CLASS ISO,  309 LF ****** CONCRETE TRANSITIONAL SECTION FOR DROP INLET  300 LS FINE GRADING  300 LF ******** CONCRETE CURB & GUTTER  301 LS FINE GRADING  301 LS FINE GRADING  302 LF ***********************************						
304				97	EA	
160 LF 42" RC PIPE CULVERTS, CLASS IV  204 LF *** RC PIPE CULVERTS, CLASS V (18")  5 EA FRAME WITH COVER, STD 840.03, TYPE ** (G)  178 LF *** RC PIPE CULVERTS, CLASS V (18")  5 EA FRAME WITH COVER, STD 840.54  178 LF *** CAA PIPE CULVERTS, ****** THICK (24", 0.064")  68 LF GENERIC PIPE ITEM 18" DUCTILE IRON PIPE, CLASS 150, (SEALED)  7,959 LF PIPE REMOVAL  Lump Sum LS FINE GRADING  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  5 5,000 LF 2-6" CONCRETE CURB & GUTTER  940 TON LIME FOR LIME TREATED SOIL  1,100 CY SHALLOW UNDERCUT  500 TON STABILIZER AGGREGATE  62,114 SY GEOTEXTILE FOR SUBGRADE 5TABILIZATION  61,400 TON AGGREGATE BASE COURSE  1 EA CONCRETE WITH GRATE & HOOD, STD 840.03, TYPE ** (G)  5 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.04, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.04, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.04, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.04, TYPE ** (G)  6 EA FRAME WITH GRATE & HOOD, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (G)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (E)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (E)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (E)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (E)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (E)  6 EA FRAME WITH COVER, STD 840.04, TYPE ** (E)  6 EA FRAME WITH COVER, STD 840.						
LIF *** RC PIPE CULVERTS, CLASS V (18")  178 LF *** CAA PIPE CULVERTS, ******* THICK (24", 0.064")  18 LF *** CAA PIPE CULVERTS, ******* THICK (24", 0.064")  19 LF *** CAA PIPE CULVERTS, ******* THICK (24", 0.064")  10 LF *** CAA PIPE CULVERTS, ******* THICK (24", 0.064")  11 EA CONCRETE TRANSITIONAL SECTION FOR DROP INLET CONCRETE TRANSITIONAL SECTION FOR DROP INLET CONCRETE CURB & GUTTER STRUCTURE SEALED WITH BOOTS (SEALED)  10 LF ***********************************				121	EA	
178 LF **** CAA PIPE CULVERTS, ****** THICK (24", 0.064")  68 LF GENERIC PIPE ITEM 18" DUCTILE IRON PIPE, CLASS 150, (SEALED)  7,959 LF PIPE REMOVAL  Lump Sum LS FINE GRADING  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  16,800 LF 1'-6" CONCRETE CURB & GUTTER  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  55,000 LF 2'-6" CONCRETE CURB & GUTTER  11,100 CY SHALLOW UNDERCUT  500 TON STABILIZER AGGREGATE  62,114 SY GEOTEXTILE FOR SUBGRADE  63,140 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS	204	LF	**" RC PIPE CULVERTS, CLASS V	_		(G)
(24", 0.064")  68 LF GENERIC PIPE ITEM 18" DUCTILE IRON PIPE, CLASS 150, (SEALED)  7,959 LF PIPE REMOVAL  Lump Sum LS FINE GRADING  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  16,800 LF 1'-6" CONCRETE CURB & GUTTER  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  55,000 LF 2'-6" CONCRETE CURB & GUTTER  14,100 SY 4" CONCRETE SIDEWALK  1,100 CY SHALLOW UNDERCUT  79 EA CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION  62,114 SY GEOTEXTILE FOR SUBGRADE 5TABILIZATION  61,400 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS	170	I E				
18" DUCTILE IRON PIPE, CLASS 150, (SEALED)  7,959 LF PIPE REMOVAL  Lump Sum LS FINE GRADING  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  16,800 LF 1'-6" CONCRETE CURB & GUTTER  77,620 SY LIME TREATED SOIL (SLURRY METHOD)  55,000 LF 2'-6" CONCRETE CURB & GUTTER  14,100 SY 4" CONCRETE CURB & GUTTER  14,100 CY SHALLOW UNDERCUT  79 EA CONCRETE SIDEWALK  1,100 CY SHALLOW UNDERCUT  79 EA CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION  200 SY 6" CONCRETE DRIVEWAY  500 TON STABILIZER AGGREGATE  10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  62,114 SY GEOTEXTILE FOR SUBGRADE  57,650 SY SOIL CEMENT BASE	176	LI	(24", 0.064")	121	EA	
(SEALED)  7,959 LF PIPE REMOVAL  Lump Sum LS FINE GRADING  16,800 LF 1'-6" CONCRETE CURB & GUTTER (2'-9")  16,800 LF 1'-6" CONCRETE CURB & GUTTER (2'-9")  17,620 SY LIME TREATED SOIL (SLURRY METHOD)  55,000 LF 2'-6" CONCRETE CURB & GUTTER (2'-9")  10,600 LIME FOR LIME TREATED SOIL  11,100 CY SHALLOW UNDERCUT  79 EA CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION  500 TON STABILIZER AGGREGATE  10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  6,140 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS	68	LF		1	EA	
Lump Sum LS FINE GRADING 16,800 LF 1'-6" CONCRETE CURB & GUTTER  77,620 SY LIME TREATED SOIL (SLURRY METHOD) 55,000 LF 2'-6" CONCRETE CURB & GUTTER  940 TON LIME FOR LIME TREATED SOIL 14,100 SY 4" CONCRETE SIDEWALK  1,100 CY SHALLOW UNDERCUT 79 EA CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION 200 SY 6" CONCRETE DRIVEWAY  500 TON STABILIZER AGGREGATE 10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 800 LF PRECAST REINFORCED CONCRETE STABILIZATION 1 EA ADJUSTMENT OF CATCH BASINS			(SEALED)	8,700	LF	
77,620 SY LIME TREATED SOIL (SLURRY METHOD)  55,000 LF 2'-6" CONCRETE CURB & GUTTER  940 TON LIME FOR LIME TREATED SOIL  14,100 SY 4" CONCRETE SIDEWALK  1,100 CY SHALLOW UNDERCUT  79 EA CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION  200 SY 6" CONCRETE DRIVEWAY  500 TON STABILIZER AGGREGATE  10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  800 LF PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED  6,140 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS				16,000	LE	
940 TON LIME FOR LIME TREATED SOIL  14,100 SY 4" CONCRETE SIDEWALK  1,100 CY SHALLOW UNDERCUT  79 EA CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION  200 SY 6" CONCRETE DRIVEWAY  500 TON STABILIZER AGGREGATE  10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  6,140 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS	_					
1,100 CY SHALLOW UNDERCUT  27,727 TON CLASS IV SUBGRADE STABILIZATION  200 SY 6" CONCRETE CURB RAMPS  27,727 TON CLASS IV SUBGRADE STABILIZATION  200 SY 6" CONCRETE DRIVEWAY  500 TON STABILIZER AGGREGATE  10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  6,140 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS						
27,727 TON CLASS IV SUBGRADE STABILIZATION  200 SY 6" CONCRETE DRIVEWAY  500 TON STABILIZER AGGREGATE  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  61,104 TON AGGREGATE BASE COURSE  61,1050 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  800 LF PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED  1 EA ADJUSTMENT OF CATCH BASINS						
500 TON STABILIZER AGGREGATE  62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  6,140 TON AGGREGATE BASE COURSE  77,600 SY SUBGRADE 10,650 SY 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)  800 LF PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED  1 EA ADJUSTMENT OF CATCH BASINS						
62,114 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 6,140 TON AGGREGATE BASE COURSE  77,630 SY SOIL CEMENT BASE  (KEYED IN)  (KEYED IN)  (KEYED IN)  (REYED IN)  (FRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED  1 EA ADJUSTMENT OF CATCH BASINS				10,650		
STABILIZATION  6,140 TON AGGREGATE BASE COURSE  1 EA ADJUSTMENT OF CATCH BASINS  77,630 SV SQIL CEMENT BASE					I E	(KEYED IN)
77.630 SV SOIL CEMENT BASE			STABILIZATION	800	LF	
77,020 31 SOIL CEIMENT BASE 3 EA ADJUSTMENT OF MANHOLES				1	EA	ADJUSTMENT OF CATCH BASINS
	77,020	31	SOIL CLINEAU DAGE	3	EA	ADJUSTMENT OF MANHOLES

3	EA	RECONSTRUCT MANHOLE STRUCTURES	440	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
1	EA	IMPACT ATTENUATOR UNITS, TYPE TL-3	474	LF	REMOVE AND RESET PORTABLE CONCRETE
1,400	LF	STEEL BEAM GUARDRAIL	48	HR	BARRIER LAW ENFORCEMENT
5	EA	ADDITIONAL GUARDRAIL POSTS	1,825	EA	TEMPORARY RAISED PAVEMENT MARKERS
4	EA	GUARDRAH ANCHOR UNITS, TYPE CAT-1	128,192	LF	THERMOPLASTIC PAVEMENT MARKING
4	EA EA	GUARDRAIL ANCHOR UNITS, TYPE III GUARDRAIL END UNITS, TYPE TL-3			LINES (4", 90 MILS)
1	EA	GUARDRAIL END UNITS, TYPE TL-2	9,965	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	EA	GUARDRAIL END UNITS, TYPE 11-2 GUARDRAIL ANCHOR UNITS, TYPE B-77	2,256	LF	THERMOPLASTIC PAVEMENT MARKING
1,850	LF	REMOVE EXISTING GUARDRAIL	6	EA	LINES (24", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
1,716	LF	CHAIN LINK FENCE, **" FABRIC			CHARACTER (90 MILS)
		(72")	407	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
860	LF	CHAIN LINK FENCE, 48" FABRIC	248,291	LF	PAINT PAVEMENT MARKING LINES (4")
148	EA	METAL LINE POSTS FOR **" CHAIN LINK FENCE	130	LF	PAINT PAVEMENT MARKING LINES (8")
73	EA	(72") METAL LINE POSTS FOR 48" CHAIN LINK	3,032	LF	PAINT PAVEMENT MARKING LINES (24")
13	LA	FENCE	228	EA	PAINT PAVEMENT MARKING SYMBOL
41	EA	METAL TERMINAL POSTS FOR **" CHAIN LINK FENCE (72")	1,170	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (4", 90 MILS)
7	EA	METAL TERMINAL POSTS FOR 48" CHAIN	11,375	LF	REMOVAL OF PAVEMENT MARKING LINES
175	EA	LINK FENCE GENERIC FENCING ITEM	2	EA	(4") REMOVAL OF PAVEMENT MARKING
173	Lat	BLACK VINYL COATED METAL LINE POSTS FOR 48" CHAIN LINK FENCE	1,250	EA	SYMBOLS & CHARACTERS PERMANENT RAISED PAVEMENT MARKERS
34	EA	GENERIC FENCING ITEM BLACK VINYL COATED METAL TERMINAL	2	EA	STANDARD FOUNDATION *******
		POSTS FOR 48" CHAIN LINK FENCE	1	EA	(TYPE R1) STANDARD FOUNDATION *******
3	EA	GENERIC FENCING ITEM BLACK VINYL COATED SINGLE GATES, 48"	1	LA	(TYPE R2)
		HIGH, 10' WIDE, 10' OPENING	150	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 3")
2,052	LF	GENERIC FENCING ITEM BLACK VINYL COATED CHAIN LINK FENCE, 48" FABRIC	260	LF	** #6 W/G FEEDER CIRCUIT (2)
1,200	TON	RIP RAP, CLASS I	430	LF	** #4 W/G FEEDER CIRCUIT
710	TON	RIP RAP, CLASS II	230	LF	(2) ** #6 W/G FEEDER CIRCUIT IN *****"
600	TON	RIP RAP, CLASS A	230	LI.	CONDUIT
4,700	TON	RIP RAP, CLASS B	350	LF	(2, 1-1/2") ** #4 W/G FEEDER CIRCUIT IN *****"
16,230	SY	GEOTEXTILE FOR DRAINAGE	330	Li	CONDUIT
2	CY	REINFORCED CONCRETE SIGN	3	EA	(2, 1-1/2") ELECTRICAL JUNCTION BOXES
1	CY	FOUNDATIONS PLAIN CONCRETE SIGN FOUNDATIONS			************** (IG18)
2,345	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	3	EA	ELECTRICAL JUNCTION BOXES
7	EA	SIGN ERECTION, TYPE D			************** (LS18)
156	EA	SIGN ERECTION, TYPE E	Lump Sum	LS	GENERIC LIGHTING ITEM
2	EA	SIGN ERECTION, TYPE F	3	EA	LUMINAIRE STORAGE GENERIC LIGHTING ITEM
4	EA	SIGN ERECTION, TYPE *** (GROUND			REINSTALL ROADWAY LUMINAIRE
		MOUNTED) (A)	3	EA	GENERIC LIGHTING ITEM RELOCATE LIGHT STANDARD
1	EA	SIGN ERECTION, TYPE *** (GROUND	3	EA	GENERIC LIGHTING ITEM
		MOUNTED) (B)	56	LF	REMOVE LIGHT STANDARD FOUNDATION 6" WATER LINE
2	EA	SIGN ERECTION, RELOCATE TYPE ****	643	LF	8" WATER LINE
		(GROUND MOUNTED) (A)	50	LF	10" WATER LINE
4	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)	594	LF	12" WATER LINE
		(D)	5,070	LF	16" WATER LINE
10	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)	54,675	LB	DUCTILE IRON WATER PIPE FITTINGS
		(E)	12	EA	6" VALVE
117	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	8" VALVE
1,143 592	SF SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)	2	EA	12" VALVE
500	SF	WORK ZONE SIGNS (PORTABLE)  WORK ZONE SIGNS (BARRICADE	16	EA	16" VALVE
300	51	MOUNTED)	1	EA	6" TAPPING SLEEVE & VALVE
2	EA	FLASHING ARROW BOARD	3	EA	16" TAPPING SLEEVE & VALVE
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA	2" AIR RELEASE VALVE
1,200	EA	DRUMS	3	EA	RELOCATE WATER METER
300	EA	CONES  DADDICADES (TYPE III)	2	EA	RECONNECT WATER METER
520	LF	BARRICADES (TYPE III)  DEDESTRIAN CHANNEL IZING DEVICES	1	EA	10" RPZ BACKFLOW PREVENTION ASSEMBLY
132 350	LF DAY	PEDESTRIAN CHANNELIZING DEVICES FLAGGER	1	EA	12" RPZ BACKFLOW PREVENTION
2	EA	TEMPORARY CRASH CUSHIONS	4	EA	ASSEMBLY FIRE HYDRANT
4	EA	REMOVE & RESET TEMPORARY CRASH	26	EA	RELOCATE FIRE HYDRANT
		CUSHION	1,106	LF	FIRE HYDRANT LEG
2	EA	TMA	8	EA	16" LINE STOP
474	LF	PORTABLE CONCRETE BARRIER	176	LF	WATER SERVICE LINE

5,343	LF	6" FORCE MAIN SEWER	385	LF	DIRECTIONAL DRILL (********)
5	EA	SANITARY SEWER CLEAN-OUT	91 I	EA	(2, 2") JUNCTION BOX (STANDARD SIZE)
25	LF	SEWER SERVICE LINE		EA	
2,585	LB	DUCTILE IRON SEWER PIPE FITTINGS			JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
1	EA	4' DIA UTILITY MANHOLE		EA	WOOD POLE
2	LF	UTILITY MANHOLE WALL 4' DIA		EA	GUY ASSEMBLY
8	LF	ABANDON 8" UTILITY PIPE	4 I	EA	1" RISER WITH WEATHERHEAD
			8 I	EA	2" RISER WITH WEATHERHEAD
319	LF	ABANDON 12" UTILITY PIPE	10 I	EA	2" RISER WITH HEAT SHRINK TUBING
3,635	LF	ABANDON 16" UTILITY PIPE	11,130	LF	INDUCTIVE LOOP SAWCUT
1	EA	REMOVE WATER METER	47,400	LF	LEAD-IN CABLE (14-2)
2	EA	ABANDON UTILITY MANHOLE	5 I	EA	SITE SURVEY
315	LF	16" ENCASEMENT PIPE	9 1	EA	CAMERA WITHOUT INTERNAL LOOP
108	LF	18" ENCASEMENT PIPE			EMULATOR PROCESSING UNIT
315	LF	BORE AND JACK OF **"	4 I	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
2	EA	(16")	25,685	LF	COMMUNICATIONS CABLE (** FIBER)
2	EA	GENERIC UTILITY ITEM REMOVE EXISTING VAULT	.,		(24)
Lump Sum	LS	GENERIC UTILITY ITEM	4,825	LF	DROP CABLE
		REMOVE EXISTING BLOW OFF, VALVE, AND FLAP VALVE	10 I	EA	SPLICE ENCLOSURE
83,835	LF	TEMPORARY SILT FENCE	1 I	EA	MODIFY SPLICE ENCLOSURE
2,020	TON	STONE FOR EROSION CONTROL, CLASS A	11 I	EA	INTERCONNECT CENTER
11,695	TON	STONE FOR EROSION CONTROL, CLASS B	315	LF	REMOVE EXISTING COMMUNICATIONS
					CABLE
8,440	TON	SEDIMENT CONTROL STONE	41 1	EA	METAL STRAIN SIGNAL POLE
126	ACR	TEMPORARY MULCHING	41 I	EA	SOIL TEST
7,300	LB	SEED FOR TEMPORARY SEEDING	246	CY	DRILLED PIER FOUNDATION
38	TON	FERTILIZER FOR TEMPORARY SEEDING	29 1	EA	SIGN FOR SIGNALS
2,505	LF	TEMPORARY SLOPE DRAINS	5 1	EA	TYPE I POST WITH FOUNDATION
1,280	LF	SAFETY FENCE	45 1	EA	TYPE II PEDESTAL WITH FOUNDATION
39,350	CY	SILT EXCAVATION	7 1	EA	RELOCATE EXISTING SIGN
125,000	SY	MATTING FOR EROSION CONTROL		EA	SIGNAL CABINET FOUNDATION
2,421	SY	COIR FIBER MAT	· ·		
22,115	LF	1/4" HARDWARE CLOTH	1 1	EA	CONTROLLERS WITH CABINET (************************************
					(2070E, BASE MOUNTED)
800	SY	LOW PERMEABILITY GEOTEXTILE	80 1	EA	DETECTOR CARD (*********) (170)
2	EA	SPECIAL STILLING BASINS	9 1	EA	INSTALL DEPARTMENT SUPPLIED 2070
5,800	LB	FLOCCULANT			CONTROLLER
5,800	LF	COIR FIBER WATTLE	9 1	EA	CABINET BASE EXTENDER
4,910	LF	COIR FIBER BAFFLE	2 I	EA	METAL POLE FOUNDATION REMOVAL
16	EA	**" SKIMMER	2 I	EA	METAL POLE REMOVAL
16	EA	(1-1/2") **" SKIMMER	8 I	EA	GENERIC SIGNAL ITEM
16	EA	(2")			CABINET WITHOUT CONTROLLER (TYPE 170, BASE MOUNTED)
126	ACR	SEEDING & MULCHING	11 I	EA	GENERIC SIGNAL ITEM
63	ACR	MOWING			ETHERNET EDGE SWITCH
1,550	LB	SEED FOR REPAIR SEEDING	10 1	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR TEMPORARY VIDEO
4.25	TON	FERTILIZER FOR REPAIR SEEDING			SYSTEM
2,650	LB	SEED FOR SUPPLEMENTAL SEEDING	39 I	EA	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR STRAIN POLE
79.25	TON	FERTILIZER TOPDRESSING			(BLACK)
			4 I	EA	GENERIC SIGNAL ITEM
10	MHR	SPECIALIZED HAND MOWING			PROTECTIVE COATING FOR TYPE I PUSHBUTTON POST (BLACK)
100	EA	RESPONSE FOR EROSION CONTROL	42 I	EA	GENERIC SIGNAL ITEM
8	EA	CONCRETE WASHOUT STRUCTURE			PROTECTIVE COATING FOR TYPE II SIGNAL
0.1	ACR	REFORESTATION	2 1	EA	PEDESTAL (BLACK) GENERIC SIGNAL ITEM
300	EA	GENERIC EROSION CONTROL ITEM	2 1	LA	RELOCATE DIGITAL CCTV CAMERA
		FABRIC INSERT INLET PROTECTION CLEANOUT			ASSEMBLY
100	EA	GENERIC EROSION CONTROL ITEM			WALL ITEMS
		FABRIC INSERT INLET PROTECTION, TYPE 1	100	LF	CONCRETE BARRIER RAIL WITH MOMENT
12	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	522	SF	SLAB
50	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION	522	SF	MSE RETAINING WALL NO **** (1)
		W/COUNTDOWN)	2,500	SF	MSE RETAINING WALL NO ****
42,400	LF	SIGNAL CABLE	260.01		(2)
142	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)	269.91	LF	GENERIC RETAINING WALL ITEM CONCRETE PARAPET WITH MOMENT SLAB
42	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			STRUCTURE ITEMS
10	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
24,075	LF	MESSENGER CABLE (1/4")	Lunip Sum	فاست	REMOVAL OF TEMP ACCESS AT STA
8,820	LF	MESSENGER CABLE (3/8")			**************************************
1,750	LF	TRACER WIRE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT
320	LF	PAVED TRENCHING (*******)			STATION *********
		(1, 2")	Lump Sum	LS	(55+24.00 -L-) ASBESTOS ASSESSMENT
10,145			Lump Sum		
10,143	LF	UNPAVED TRENCHING (********) (1, 2")	107.4	LF	3'-0" DIA DRILLED PIERS IN SOIL

108	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
125	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ********* (55+24.00 -L-)
11,620	SF	REINFORCED CONCRETE DECK SLAB
10,316	SF	GROOVING BRIDGE FLOORS
234.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************** (55+24.00 -L-)
49,557	LB	REINFORCING STEEL (BRIDGE)
5,697	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,300.01	LF	36" PRESTRESSED CONCRETE GIRDERS
22	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
585	LF	HP 12 X 53 STEEL PILES
22	EA	STEEL PILE POINTS
542.58	LF	TWO BAR METAL RAIL
131.17	LF	1'-**" X *****" CONCRETE PARAPET (1'-2" X 3'-3")
131.17	LF	1'-**" X *****" CONCRETE PARAPET (1'-2" X 3'-6")
671	TON	RIP RAP CLASS II (2'-0" THICK)
746	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS

45672.3.1

L250819

LENGTH = 0.426 MI

COUNTY : ROCKINGHAM

CONTRACT ID: C204829

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 3.00% COMPLETION DATE: DEC 12, 2028

DIV OFFICE GREENSBORO

#### BRIDGE #780140 OVER DAN RIVER ON SR-1138.

Lump Sum LS MOBILIZATION 1.4 LF MASONRY DRAINAGE STRUCTURES Lump Sum LS CONSTRUCTION SURVEYING 9 EA FRAME WITH TWO GRATES, STD 840.29  950 CY UNDERCUT EXCAVATION 3 EA FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)  Lump Sum LS GRADING 380 LF 2'-6" CONCRETE CURB & GUTTER  37,260 CY BORROW EXCAVATION 970 LF SHOULDER BERM GUTTER  525 CY DRAINAGE DITCH EXCAVATION 305 SY 4" CONCRETE SIDEWALK  800 CY SELECT GRANULAR MATERIAL 2 EA CONCRETE CURB RAMPS  3,200 SY GEOTEXTILE FOR SOIL STABILIZATION 1,062.5 LF STEEL BEAM GUARDRAIL	15   SOURCE CARRING   1.5	Limp   Sem			DO ADWAY ITEMS	12	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum   LS   CONSTRUCTION SURVEYING   9   EA   FRAME WITH TWO GRATES, STD 840,22	15   15   15   15   15   15   15   15							
Second   S	1		•					
1	1	1	-					
Description   Line   Sing   Control   Sing   Line   Section   Sing   Line   Section   Sing   Line   Section   Sing   Line   Section   Sing   Sing   S	Section   1.5   Section   1.					_		TYPE **
13,200   CV   BORROW EXCAVATION   970   LF   SHOULDER BERM GUTTER	15.00   C.   GRADING   P.   F.   SHOULDER BERM GUTTER	1988   1988				380	LF	
555 CY   DRAINAGE DITCH EXCAVATION   305 SY   4" CONCRETE SIDEWALK   306 CY   SELECT GRANULAR MATERIAL   2 EA   CONCRETE CURB RAMPS   306 CY   SELECT GRANULAR MATERIAL   1,002.5 IF STEEL BEAM GUARDRAIL   320 SY   GEOTEXTILE FOR SOIL STABILIZATION   1,002.5 IF STEEL BEAM GUARDRAIL   306 AL SE   TEAPPORARY SHORING   112.5 IF STEEL BEAM GUARDRAIL   306 AL SE   SECTION   3 SECT	1.50   1.50	1.00   1.00	-					
Second Communication	1.	1						
STEEL BEAM GUARDRAIL SHOP CURVED   10,025   15   STEEL BEAM GUARDRAIL   510 CURVED   510 CURVE	1.00							
365.4   SF	19.50   19.5	19.5   5   TEMPORARY SHORING						
400   SY	1505   150	1						
Lump Sum	SINGLE   STATE   STA	STATE   STAT						
Lump Sum   LS   GENERIC GRADING ITEM   18-80-50-L   18-80-L   18	TYPE I BRIDGE APPROACH FILL, STATION   1	Lump Num   Lump Num				-		SECTIONS
Lump Sum	Section   Sect		Lump Sum	LS	TYPE 1 BRIDGE APPROACH FILL, STATION			
174   2   2   2   3   5   2   4   3   4   4   3   4   4   3   4   4	TYPE_2 BRIDGE_APPROACH FILL_STATION   3	Type	Lump Sum	LS		4	EA	
215   TON   FOUNDATION CONDITIONING MATERIAL   2   EA   GUARDRAIL END UNITS, TYPE TL-2	1000   1000	215   TON						
1.536   SY   FOUNDATION CONDITIONING GEOTEXTILE   590   LF   WOVEN WIRE FENCE, 47" FABRIC	MINOS STRUCTURES   19	MINON STRUCTURES   150   LF   WOVEN WIRE FENCE, 47" FABRIC	215	TON				
152	152   15   15   15   15   15   15   15	152   LF   15° IND BRAIN PIPE						
15   15   15   15   15   15   15   15	1	1						
15 RC PIPE CULVERTS, CLASS III	13	336						
1	1	1						
292	1.5	292   LF				110		(72")
192   15   15   16   17   17   17   17   17   17   17	19	394   LP   18" RC PIPE CULVERTS, CLASS IV   6   EA   METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (72*)				2	EA	
28	28	1						(72")
1	1	1				6	EA	
2 EA ***********************************	2	2						
2	Fig.	1				1	EA	
4 EA (18", 0.064")  66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B IN SOIL (UNDER RR)  66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B IN SOIL (UNDER RR)  66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B IN SOIL (UNDER RR)  67 TON RIP RAP, CLASS II GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR)  68 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR)  69 TON CLASS IV SUBGRADE STABILIZATION 20" LF SUPPORTS, 3-LB STEEL U-CHANNEL  200 TON CLASS IV SUBGRADE STABILIZATION 3 EA SIGN ERECTION, TYPE D  300 SY GEOTEXTILE FOR SUBGRADE 70 EA SIGN ERECTION, TYPE E STABILIZATION 22 EA SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)  70 TON AGGREGATE BASE COURSE 18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL (1-1/2") 2 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL (1-1/2") 2 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL (1-1/2") 491 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 5 WORK ZONE SIGNS (BARRICADE MOUNTED)	FEORETIC PIPE LIBOWS, STATE LIBOWS, STATE FIRCK (IRS, 0.064°)  66 LF GENERIC PIPE ITEM 30 TON RIP RAP, CLASS II  67 REDESTRIAN SAFETY RAIL  68 LF GENERIC PIPE ITEM 36° WELDED STEEL PIPE, 0.079° THICK, GRADE B IN SOIL (UNDER RR)  68 LF GENERIC PIPE ITEM 36° WELDED STEEL PIPE, 0.079° THICK, GRADE B NOT IN SOIL (UNDER RR)  69 TON RIP RAP, CLASS B  60 CY SHALLOW UNDERCUT  60 CY SHALLOW UNDERCUT  61 O CY SHALLOW UNDERCUT  61 O CY SHALLOW UNDERCUT  62 STABILIZATION  63 EA SIGN ERECTION, TYPE D  64 SIGN ERECTION, TYPE D  65 STABILIZATION  66 TON INCIDENTAL STONE BASE  66 IN SIGN ERECTION, TYPE STORM SIGN ERECTION, TYPE D  66 TON INCIDENTAL STONE BASE  66 ST MILLING ASPHALT PAVEMENT, **** DEPTH (1-12")  67 IN ASPHALT CONC BASE COURSE, TYPE B25.0C  68 SF WORK ZONE SIGNS (STATIONARY)  69 SF WORK ZONE SIGNS (PORTABLE)  61 ASPHALT CONC SURFACE COURSE, TYPE B25.0C  69 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  60 SP ASPHALT CONC SURFACE COURSE, TYPE B25.0C  60 SP ASPHALT DINDER FOR PLANT MIX  60 ASPHALT BINDER FOR PLANT MIX  61 BARRICADES (TYPE III)  61 CY SUBDRAIN EXCAVATION  62 BARRICADES (TYPE III)  63 CY SUBDRAIN EXCAVATION  64 CY SUBDRAIN EXCAVATION  65 PERFORATED SUBURFACE DRAINS  66 PERFORATED SUBURFACE DRAINS  67 GEOTEXTILE FOR SUBSURFACE DRAINS  68 GEOTEXTILE FOR SUBSURFACE DRAINS  69 FERFORATED SUBDRAIN PIPE  60 DRAIN THE PLANT MIX PAVEMENT REPAIR  61 CY SUBDRAIN COARSE AGGREGATE  61 CY SUBDRAIN COARSE AGGREGATE  62 BARRICADE SURFACE BARRIER	FEDESTRIAN SAFETY RAIL  (IS*, OBG*)  (IS*, O	2	EA		56	IE	(72", 20', 40')
66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B IN SOIL (UNDER RR) 766 TON RIP RAP, CLASS II  66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR) 766 TON RIP RAP, CLASS B  67 WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR) 207 LF SUPPORTS, 3-LB STEEL U-CHANNEL  100 CY SHALLOW UNDERCUT 207 LF SUPPORTS, 3-LB STEEL U-CHANNEL  200 TON CLASS IV SUBGRADE STABILIZATION 3 EA SIGN ERECTION, TYPE D  300 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 2 EA SIGN ERECTION, TYPE E  310 TON AGGREGATE BASE COURSE (GROUND MOUNTED) (D)  76 TON INCIDENTAL STONE BASE 18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  540 SY INCIDENTAL MILLING 491 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  1,220 SF WORK ZONE SIGNS (BARRICADE MOUNTED)	Figure   F	Formation   Form	4	EA		30	LI	
GRADE B IN SOIL (UNDER RR)  66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT 200 TON CLASS IV SUBGRADE STABILIZATION 300 SY GEOTEXTILE FOR SUBGRADE 310 TON AGGREGATE BASE COURSE 310 TON AGGREGATE BASE COURSE 310 TON INCIDENTAL STONE BASE 310 TON MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2") 340 SY MILLING ASPHALT CONC BASE COURSE, TYPE B25.0C 340 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 340 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C 351 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 362 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 364 SP WORK ZONE SIGNS (BARRICADE MOUNTED) (DO REPORT TO THE REPORT OF THE PROPERTY OF THE PROPE	GRADE B IN SOIL (UNDER RR)  66 LF GENERIC PIPE ITEM 36° WELDED STEEL PIPE, 0.079° THICK, GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT  207 LF SUPPORTS, 3-LB STEEL U-CHANNEL  208 TON CLASS IV SUBGRADE STABILIZATION  30 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  31 EA SIGN ERECTION, TYPE D  320 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  320 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  33 EA SIGN ERECTION, TYPE D  340 TON AGGREGATE BASE COURSE  351 TON AGGREGATE BASE COURSE  352 MILLING ASPHALT STONE BASE  353 MILLING ASPHALT PAVEMENT, **** DEPTH (1-12*)  354 SY INCIDENTAL MILLING  355 SY INCIDENTAL MILLING  356 SY INCIDENTAL MILLING  357 SASPHALT CONC BASE COURSE, TYPE B25.0C  358 SYBALL CONC INTERMEDIATE COURSE, TYPE B25.0C  359 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  350 TON ASPHALT CONC SURFACE COURSE, TYPE B25.0C  350 TON ASPHALT BINDER FOR PLANT MIX  350 EA CONES  350 EA CO	GRADE B IN SOIL (UNDER RR)  6 LF GENERIC PIPE ITEM 36' WELDED STEEL PIPE, 0.079' THICK, GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT 207 LF SUPPORTS, 3-LB STEEL U-CHANNEL  200 TON CLASS IV SUBGRADE STABILIZATION 30 SY GEOTEXTILE FOR SUBGRADE 310 TON AGREGATE BASE COURSE 310 TON AGREGATE BASE COURSE 311 TON INCIDENTAL STONE BASE 312 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1-12'')  1,101 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  2,800 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C  2,800 TON ASPHALT DEPTH 19.0C  300 TON ASPHALT BINDER FOR PLANT MIX 310 TON ASPHALT BINDER FOR PLANT MIX 45 CY SUBDRAIN EXCAVATION 36 CF OF PLANT MIX, PAVEMENT REPAIR 45 CY SUBDRAIN EXCAVATION 46 F PERFORATED SUBDRAIN PIPE 46 CF OUTLIET PIPE 47 CF OUTLIET PIPE 48 CF OUTLIET PIPE 48 CF OUTLIET PIPE 48 CF OUTLIET PIPE 49 EA TEMPORARY RAISED PAVEMENT MARKERS 40 EA TEMPORARY RAISED PAVEMENT MARKERS 41 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 41 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 42 EA DISPOSAL OF SUPPORT, U-CHANNEL 43 CY SUBDRAIN EXCAVATION 45 EA DISPOSAL OF SUPPORT, U-CHANNEL 45 CY SUBDRAIN EXCAVATION 450 LF PEDESTRIAN CHANNELIZING DEVICES 46 CONES 47 EMPORARY CRASH CUSHIONS 48 CF PERFORATED SUBDRAIN PIPE 49 LUMP SUBPORT CRASH CUSHIONS 49 EACH TEMPORARY CRASH CUSHIONS 40 CF OUTLIET PIPE 40 EA TEMPORARY CRASH CUSHIONS 40 EA TEMPORARY CRASH CUSHIONS 41 EMPORARY CRASH CUSHIONS 41 EMPORARY CRASH CUSHIONS 42 EA TEMPORARY CRASH CUSHIONS 43 CF OUTLIET PIPE 40 EA TEMPORARY CRASH CUSHIONS 41 EMPORARY CRASH CUSHIONS 42 EA TEMPORARY CRASH CUSHIONS 43 CF OUTLIET PIPE 41 EA SUBDRAIN PIPE OUTLIET 43 EA SUBDRAIN PIPE OUTLIET 44 EMPORARY CRASH CUSHIONS 45 EA TEMPORARY CRASH CUSHIONS 46 EA TEMPORARY CRASH CUSHIONS 47 EACH TEMPORARY CRASH CUSHIONS 48 CF OUTLIET PIPE 49 EACH TEMPORARY CRASH CUSHIONS 49 EACH TEMPORARY CRASH CUSHIONS 40 EACH TEMPORARY CRASH CUSHIONS 40 EACH TEMPORARY CRASH CUSHIONS 41 EMPORARY CRASH CUSHIONS 41 EMPORARY CRASH CUSHIONS 42 EA TEMPORARY CRASH CUSHIONS 43 EA SIGN RECT	66	LF		10	TON	RIP RAP, CLASS I
66 LF GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT  200 TON CLASS IV SUBGRADE STABILIZATION  30 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  310 TON AGGREGATE BASE COURSE  45 SIGN ERECTION, TYPE DESTABLIZATION  310 TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  491 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	66 LF GENERIC PIPE ITEM 36' WELDED STEEL PIPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT  207 LF SUPPORTS, 3-LB STEEL U-CHANNEL  200 TON CLASS IV SUBGRADE STABILIZATION  300 SY GEOTEXTILE FOR SUBGRADE  310 TON AGGREGATE BASE COURSE  76 TON INCIDENTAL STONE BASE  18 EA SIGN ERECTION, TYPE D  310 TON AGGREGATE BASE COURSE  18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  2,800 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE SO-SOBOLE  18 TON ASPHALT SINDER FOR PLANT MIX  18 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT LANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  20 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  20 LF 6' PERFORATED SUBDRAIN PIPE	66 LF GENERIC PIPE ITEM 36" WELDED STEEL IPPE, 0.079" THICK, GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT 200 TON CLASS IV SUBGRADE STABILIZATION 30 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 31 EA SIGN ERECTION, TYPE D  310 TON AGGREGATE BASE COURSE 310 TON AGGREGATE BASE COURSE 311 TON AGGREGATE BASE COURSE 310 INCIDENTAL STONE BASE 311 TON AGGREGATE BASE COURSE 311 TON ASPHALT CONC SUBGRADE 310 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.00  311 TON ASPHALT CONC SURFACE COURSE, TYPE 59.51  310 TON ASPHALT CONC SURFACE COURSE, TYPE 59.51  311 TON ASPHALT DATE OF PLANT MIX 310 TON ASPHALT PANT MIX, PAVEMENT REPAIR 311 TON ASPHALT FOR SUBGRADE 311 TON ASPHALT FOR SUBGRADE 312 SUBDRAIN PIPE OUTLET 314 CY SUBDRAIN PIPE OUTLET 315 GOUTLET PIPE 316 G' OUTLET PIPE 317 BERRIER THE PRE, 0.079" THICK, GRAPH MARKERS 318 EA SIGN ERECTION, TYPE D 319 SIGN ERECTION, TYPE D 310 EA SUBDRAIN CONCRETE BARRIER 31 EA SUBDRAIN PIPE UTLET 31 EA SUBDRAIN				95	TON	RIP RAP, CLASS II
GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT  200 TON CLASS IV SUBGRADE STABILIZATION  30 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  30 TON AGGREGATE BASE COURSE  40 TON INCIDENTAL STONE BASE  10 SY MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")  10 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  10 ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  10 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  11 A25 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  12 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  12 SF WORK ZONE SIGNS (BARRICADE MOUNTED)	GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT  200 TON CLASS IV SUBGRADE STABILIZATION  30 SY GEOTEXTILE FOR SUBGRADE  51 STABILIZATION  31 EA SIGN ERECTION, TYPE E  51 STABILIZATION  42 EA SIGN ERECTION, TYPE E  51 STABILIZATION  51 TON AGGREGATE BASE COURSE  61 IB EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH  61 IN INCIDENTAL MILLING  51 IN INCIDENTAL MILLING  52 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY INCIDENTAL MILLING  540 SY INCIDENTAL MILLING  550 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE  300 TON ASPHALT CONC SURFACE COURSE, TYPE  301 SP5.5B  302 TON ASPHALT DEPTAMENT SP5.5B  303 TON ASPHALT BINDER FOR PLANT MIX  104 SPHALT CONC SURFACE COURSE, TYPE  305 SP5.5B  306 TON ASPHALT BINDER FOR PLANT MIX  307 TON ASPHALT BINDER FOR PLANT MIX  308 TON ASPHALT BINDER FOR PLANT MIX  309 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  45 CY SUBDRAIN EXCAVATION  45 CY SUBDRAIN EXCAVATION  45 CY SUBDRAIN COARSE AGGREGATE  46 CY SUBDRAIN COARSE AGGREGATE  47 PERFORATED SUBSURFACE DRAINS  48 CY SUBDRAIN COARSE AGGREGATE  49 PORTABLE CONCRETE BARRIER	GRADE B NOT IN SOIL (UNDER RR)  100 CY SHALLOW UNDERCUT  200 TON CLASS IV SUBGRADE STABILIZATION  30 SY GEOTEXTILE FOR SUBGRADE  310 TON AGGREGATE BASE COURSE  310 TON AGGREGATE BASE COURSE  310 TON INCIDENTAL STONE BASE  311 INCIDENTAL STONE BASE  311 INCIDENTAL MILLING  31 SF WORK ZONE SIGNS (STATIONARY)  31 INCIDENTAL MILLING  31 SF WORK ZONE SIGNS (STATIONARY)  31 INCIDENTAL MILLING  31 SF WORK ZONE SIGNS (STATIONARY)  31 INCIDENTAL MILLING  31 SF WORK ZONE SIGNS (STATIONARY)  31 INCIDENTAL MILLING  32 SF WORK ZONE SIGNS (STATIONARY)  33 SF WORK ZONE SIGNS (STATIONARY)  34 CY SUBDRAIN FOR PLANT MIX  35 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  36 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  37 SPHALT CONC SURFACE COURSE, TYPE  38 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  39 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  45 CY SUBDRAIN EXCAVATION  45 CY SUBDRAIN EXCAVATION  45 CY SUBDRAIN EXCAVATION  45 CY SUBDRAIN COARSE AGGREGATE  46 CP SEPFORATED SUBSURFACE DRAINS  47 CY SUBDRAIN COARSE AGGREGATE  48 SUBDRAIN PIPE OUTLET  49 SEPRENCATE SUBSURENCE DAVENS  40 SUBDRAIN PIPE OUTLET  40 SEPRENCATER SUBSURENCE DAVENS  40 SUBDRAIN PIPE OUTLET  40 SEPRENCATE SUBSURENCE DAVENS  41 EAM SUBDRAIN PIPE OUTLET  44 SUBDRAIN PIPE OUTLET  45 CY SUBDRAIN PIPE OUTLET  46 SUBDRAIN PIPE OUTLET  47 SUBDRAIN PIPE OUTLET  48 SUBDRAIN PIPE OUTLET  49 SUBDRAIN PIPE OUTLET  40 SEPRENCATE TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  49 FEMPORARY RAISED PAVEMENT MARKERS	66	LF	GENERIC PIPE ITEM	766	TON	RIP RAP, CLASS B
100 CY SHALLOW UNDERCUT 200 TON CLASS IV SUBGRADE STABILIZATION 30 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 30 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 310 TON AGGREGATE BASE COURSE 310 TON INCIDENTAL STONE BASE 418 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 46,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2") 491 SF WORK ZONE SIGNS (STATIONARY) 491 SF WORK ZONE SIGNS (STATIONARY) 492 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 496 SF WORK ZONE SIGNS (BARRICADE MOUNTED) 491 SF WORK ZONE SIGNS (BARRICADE MOUNTED) 492 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C	100 CY SHALLOW UNDERCUT 200 TON CLASS IV SUBGRADE STABILIZATION 30 EA SIGN ERECTION, TYPE D 300 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 310 TON AGGREGATE BASE COURSE 310 TON INCIDENTAL STONE BASE 310 TON INCIDENTAL STONE BASE 311 TON ASPHALT PAVEMENT, **** DEPTH (1-1/2*) 310 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 311 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C 310 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B 310 TON ASPHALT DAVEMENT MIX 311 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 312 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 313 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 314 CY SUBDRAIN EXCAVATION 315 EA SIGN ERECTION, TYPE D 316 SIGN ERECTION, TYPE D 317 EA SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D) 318 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 319 SIGN ERECTION, TYPE 1** 310 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 310 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B 310 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B 310 TON ASPHALT BINDER FOR PLANT MIX 311 TON ASPHALT BINDER FOR PLANT MIX 310 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 311 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 312 SIGN ERECTION, TYPE B 313 SIGN ERECTION, TYPE B 314 CY SUBDRAIN EXCAVATION 315 EA SIGN ERECTION, TYPE S 316 SIGN ERECTION, TYPE B 316 SIGN ERECTION, TYPE B 316 SIGN ERECTION, TYPE B 316 SIGN ERCTION, TELOCATE TYPE **** 317 CIGNOUND MOUNTED) 318 CIGNOUND MOUNTED) 319 SIGN ERCTION, TYPE B 310 SIGN ERCTION, TYPE B 310 SIGN ERCTION, TELOCATE TYPE **** 310 SIGN ERCTION, TELOCATE TYPE **** 311 SIGN ERCTION, TELOCATE TYPE **** 312 SIGN ERCTION, TELOCATE TYPE **** 313 SIGN ERCTION, TELOCATE TYPE **** 315 SIGN ERCTION, TELOCATE TYPE **** 316 SIGN ERCTION, TELOCATE TYPE **** 317 SIGN ERCTION, TELOCATE TYPE **** 318 SIGN ERCTION, TELOCATE TYPE **** 319 SIGN ERCTION, TELOCATE TYPE **** 310 SIGN ERCTION, TELOCAT	100 CY SHALLOW UNDERCUT 200 TON CLASS IV SUBGRADE STABILIZATION 3 EA SIGN ERECTION, TYPE D 300 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 310 TON AGGREGATE BASE COURSE 310 TON INCIDENTAL STONE BASE 310 TON INCIDENTAL STONE BASE 311 TON INCIDENTAL STONE BASE 310 TON INCIDENTAL STONE BASE 311 TON INCIDENTAL STONE BASE 311 TON ASPHALT PAVEMENT, ***** DEPTH (1-1/2**) 310 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 311 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 311 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 311 TON ASPHALT CONC SURFACE COURSE, TYPE S95.5B 310 TON ASPHALT CONC SURFACE COURSE, TYPE S95.5B 310 TON ASPHALT BINDER FOR PLANT MIX 311 TON ASPHALT BINDER FOR PLANT MIX 312 TON ASPHALT BINDER FOR PLANT MIX 313 TON ASPHALT BINDER FOR PLANT MIX 314 TON ASPHALT BINDER FOR PLANT MIX 315 TON ASPHALT BINDER FOR PLANT MIX 316 LF BARRICADES (TYPE III) 317 TON ASPHALT BINDER FOR PLANT MIX 318 TON ASPHALT BINDER FOR PLANT MIX 319 TON ASPHALT BINDER FOR PLANT MIX 310 TON ASPHALT BINDER FOR PLANT MIX 311 TON ASPHALT BINDER FOR PLANT MIX 311 TON ASPHALT BINDER FOR PLANT MIX 312 TON ASPHALT BINDER FOR PLANT MIX 313 TON ASPHALT BINDER FOR PLANT MIX 314 TON ASPHALT BINDER FOR PLANT MIX 315 TON ASPHALT BINDER FOR PLANT MIX 316 LF BARRICADES (TYPE III) 317 TON ASPHALT BINDER FOR PLANT MIX 318 TON ASPHALT BINDER FOR PLANT MIX 319 TON ASPHALT BINDER FOR PLANT MIX 310 TON ASPHALT BINDER FOR PLANT MIX 311 TON ASPHALT BINDER FOR PLANT MIX 312 TONE SHAPP BORDARY CRASH CUSHIONS 310 TON ASPHALT BINDER FOR PLANT MIX 310 TONE SHAPP BORDARY CRASH CUSHIONS 311 TONE SHAPP BORDARY CRASH CUSHIONS 312 TO BORDARY BORDARY CRASH CUSHIONS 313 TONE SHAPP BORDARY BARBERS BARBER 314 TONE SHAPP BORDARY BARBERS BARBER 315 TONE SUBDRAIN PIPE OUTLET 316 TONE SHAPP BORDARY BARBERS BARBER 317 TONE SHAPP BORDARY BARBERS BARBER 318 TONE SHAPP BORDARY BARBERS BARBER 319 TONE SHAPP BORDARY BARBERS BARBER 320 TONE SHAPP BORDARY BARBERS BARBER 331 TONE SHAPP BORDARY BARBERS BARBER 332 TONE SHAPP BORDARY BARBERS BARBER 333 TONE SHAPP BORDARY BARBERS BAR				4,575	SY	GEOTEXTILE FOR DRAINAGE
300 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  310 TON AGGREGATE BASE COURSE  101 TON INCIDENTAL STONE BASE  110 SY INCIDENTAL MILLING  310 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  110 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C  110 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C  111 SIGN ERECTION, TYPE E  111 SIGN ERECTION, TYPE E  112 SF WORK ZONE SIGN SYSTEM, U-CHANNEL  113 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  11425 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  11425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  115 EA SIGN ERECTION, TYPE E  116 SIGN ERECTION, TYPE E  117 EA SIGN ERECTION, TYPE E  118 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  118 EA DISPOSAL OF SUPPORT, U-CHANNEL  119 SF WORK ZONE SIGNS (STATIONARY)  110 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  110 SIGN ERECTION, TYPE E  110 SIGN ERECTION, TYPE E  110 SIGN ERECTION, TYPE E  110 SIGN ERECTION, TYPE ****  (GROUND MOUNTED)  (D)  (D)  (D)  (D)  (D)  (D)  (D)	300 SY GEOTEXTILE FOR SUBGRADE STABILIZATION  310 TON AGGREGATE BASE COURSE  310 TON AGGREGATE BASE COURSE  310 TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  310 TON ASPHALT CONC BASE COURSE  18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL (1-1/2")  310 TON ASPHALT CONC BASE COURSE  196 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  2,800 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S95.5B  300 TON ASPHALT DISPOSAL OF SIGNS (BARRICADE MOUNTED)  1,8 TON ASPHALT DISPOSAL OF SUPPORT, U-CHANNEL (1-1/2")  18 TON ASPHALT DISPOSAL OF SIGNS (BARRICADE MOUNTED)  2,800 TON ASPHALT BINDER FOR PLANT MIX  136 LF BARRICADES (TYPE III)  45 CY SUBDRAIN EXCAVATION  25 DAY FLAGGER  34 CY SUBDRAIN COARSE AGGREGATE  20 LF 6" PERFORATED SUBDRAIN PIPE	300 SY GEOTEXTILE FOR SUBGRADE STABILIZATION 301 TON AGGREGATE BASE COURSE 310 TON AGGREGATE BASE COURSE 310 TON INCIDENTAL STONE BASE 311 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 310 TON ASPHALT PAVEMENT, **** DEPTH 311 INCIDENTAL MILLING 310 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 311 SF WORK ZONE SIGNS (STATIONARY) 311 INCIDENTAL MILLING 312 SF WORK ZONE SIGNS (STATIONARY) 313 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 314 TYPE II9.0C 315 TON ASPHALT CONC SURFACE COURSE, TYPE SO.5B 316 TON ASPHALT CONC SURFACE COURSE, TYPE SO.5B 317 TON ASPHALT CONC SURFACE COURSE, TYPE SO.5B 318 TON ASPHALT BINDER FOR PLANT MIX 319 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 310 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 311 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 312 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 313 CY SUBDRAIN EXCAVATION 314 CY SUBDRAIN EXCAVATION 315 TEMPORARY CRASH CUSHIONS 316 CF PERFORATED SUBSURFACE DRAINS 317 TEMPORARY CRASH CUSHIONS 318 CY SUBDRAIN PIPE UTLET 319 TEMPORARY CRASH CUSHIONS 320 LF 6" PERFORATED SUBDRAIN PIPE 321 LIMP Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY 322 GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY 323 GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY 324 TEMPORARY RAISED PAVEMENT MARKERS	100	CY		207	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
SY GEOLEX III.E FOR SUBGRADE STABILIZATION 2 EA SIGN ERECTION, RELOCATE TYPE ****  310 TON AGGREGATE BASE COURSE (GROUND MOUNTED) (D)  76 TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  540 SY INCIDENTAL MILLING \$40 PART (1-1/2")  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C  2 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 491 SF WORK ZONE SIGNS (STATIONARY)  491 SF WORK ZONE SIGNS (STATIONARY)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  1,426 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  1,427 TYPE 119.0C	STABILIZATION  310 TON AGGREGATE BASE COURSE  76 TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")  10 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  10 TON ASPHALT CONC SURFACE COURSE, TYPE B25.0C  10 TON ASPHALT DONC SURFACE COURSE, TYPE B25.0C  10 TON ASPHALT BINDER FOR PLANT MIX  11 TON ASPHALT BINDER FOR PLANT MIX  12 EA DISPOSAL OF SUPPORT, U-CHANNEL  12 SF WORK ZONE SIGNS (STATIONARY)  13 DRUMS 14 DRUMS 15 WORK ZONE SIGNS (BARRICADE MOUNTED)  16 EA DRUMS 17 EA DRUMS 18 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT BINDER FOR PLANT MIX 19 EA CONES  10 EA CONES  10 EA CONES  11 EDESTRIAN CHANNELIZING DEVICES  11 EDESTRIAN CHANNELIZING DEVICES  12 EA TEMPORARY CRASH CUSHIONS  13 CY SUBDRAIN COARSE AGGREGATE  20 LF PORTABLE CONCRETE BARRIER	SOUR SY STABILIZATION  310 TON AGGREGATE BASE COURSE  76 TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH  (1-1/2")  10 TON ASPHALT CONC BASE COURSE, TYPE B25,0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE  300 TON ASPHALT DINDER FOR PLANT MIX  18 TON ASPHALT DINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  2 EA DISPOSAL OF SURD SIGN SYSTEM, U-CHANNEL  10 SF WORK ZONE SIGNS (STATIONARY)  10 EA DRUMS  300 TON ASPHALT CONC SURFACE COURSE, TYPE  10 EA CONES  11 EA SUBDRAIN COARSE AGGREGATE  200 LF 6* PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  1 EA SUBDRAIN PIPE  40 EA TEMPORARY RAISED PAVEMENT MARKERS	200	TON	CLASS IV SUBGRADE STABILIZATION	3	EA	SIGN ERECTION, TYPE D
310 TON AGGREGATE BASE COURSE  76 TON INCIDENTAL STONE BASE  18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  540 SY INCIDENTAL MILLING  150 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C  (GROUND MOUNTED) (D)  8 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  491 SF WORK ZONE SIGNS (STATIONARY)  96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	310 TON AGGREGATE BASE COURSE 76 TON INCIDENTAL STONE BASE 16,650 SY MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2") 2 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  16,650 SY MILLING ASPHALT PAVEMENT, ****" DEPTH (1-1/2") 2 EA DISPOSAL OF SUPPORT, U-CHANNEL  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 496 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C 2,800 TON ASPHALT CONC SURFACE COURSE, TYPE MOUNTED  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B 300 TON ASPHALT BINDER FOR PLANT MIX 18 TON ASPHALT BINDER FOR PLANT MIX 19 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 45 CY SUBDRAIN EXCAVATION 200 SY GEOTEXTILE FOR SUBSURFACE DRAINS 210 SY GEOTEXTILE FOR SUBSURFACE DRAINS 220 LF PORTABLE CONCRETE BARRIER	310 TON AGGREGATE BASE COURSE 76 TON INCIDENTAL STONE BASE 18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2") 2 EA DISPOSAL OF SUPPORT, U-CHANNEL 540 SY INCIDENTAL MILLING 491 SF WORK ZONE SIGNS (STATIONARY) 1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE) 1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C 2,800 TON ASPHALT CONC SURFACE COURSE, TYPE 100 EA DRUMS 89.5B 300 TON ASPHALT BINDER FOR PLANT MIX 150 EA CONES 150 EA CONES 150 EA CONES 151 BARRICADES (TYPE III) 151 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 152 CY SUBDRAIN EXCAVATION 153 EA TEMPORARY CRASH CUSHIONS 154 CY SUBDRAIN COARSE AGGREGATE 155 DAY FLAGGER 156 PERFORATED SUBSURFACE DRAINS 156 LF PORTABLE CONCRETE BARRIER 157 CY SUBDRAIN PIPE 158 SUBDRAIN PIPE OUTLET 159 CONTES IN TEMPORARY CRASH CUSHIONS 150 EA TEMPORARY CRASH CUSHIONS 151 EA SUBDRAIN PIPE OUTLET 151 EA SUBDRAIN PIPE OUTLET 152 EA TEMPORARY RAISED PAVEMENT MARKERS	300	SY		7	EA	SIGN ERECTION, TYPE E
TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH 16,650 SY INCIDENTAL MILLING  18 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL  2 EA DISPOSAL OF SUPPORT, U-CHANNEL  491 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C WORK ZONE SIGNS (BARRICADE MOUNTED)	TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")  540 SY INCIDENTAL MILLING  540 SY WORK ZONE SIGNS (STATIONARY)  541 SF WORK ZONE SIGNS (PORTABLE)  540 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  540 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  540 EA DRUMS  540 EA CONES  540 CONES  550 EA CONES  550 EA CONES  550 EA CONES  550 EA CONES  550 LE BARRICADES (TYPE III)  550 SY SUBDRAIN EXCAVATION  550 LE PEDESTRIAN CHANNELIZING DEVICES  550 DAY FLAGGER  550 DAY FLAGGER  550 LE TEMPORARY CRASH CUSHIONS	TON INCIDENTAL STONE BASE  16,650 SY MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")  540 SY INCIDENTAL MILLING  540 SY WORK ZONE SIGNS (STATIONARY)  540 SF WORK ZONE SIGNS (STATIONARY)  540 SF WORK ZONE SIGNS (PORTABLE)  541 L22 SF WORK ZONE SIGNS (PORTABLE)  540 SPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  540 TON ASPHALT CONC SURFACE COURSE, TYPE  540 TON ASPHALT CONC SURFACE COURSE, TYPE  550 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  560 EA CONES  570 E	210	TON		2	EA	
16,650 SY MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")  540 SY INCIDENTAL MILLING  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C  1,010 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	16,650 SY MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")  540 SY INCIDENTAL MILLING  540 SF WORK ZONE SIGNS (STATIONARY)  541 SF WORK ZONE SIGNS (PORTABLE)  540 SF WORK ZONE SIGNS (PORTABLE)  541 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  540 MOUNTED)  540 SF WORK ZONE SIGNS (BARRICADE MOUNTED)  540 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  540 EA DRUMS  540 SP WORK ZONE SIGNS (BARRICADE MOUNTED)  550 EA CONES  560 LF BARRICADES (TYPE III)  560 LF PEDESTRIAN CHANNELIZING DEVICES  561 LF PEDESTRIAN CHANNELIZING DEVICES  562 DAY FLAGGER  563 LF PENFORATED SUBSURFACE DRAINS  563 LF PENFORATED SUBSURFACE DRAINS  564 LF PEDESTRIAN CHANNELIZING DEVICES  565 DAY FLAGGER  566 PERFORATED SUBDRAIN PIPE	16,650 SY MILLING ASPHALT PAVEMENT, ***** DEPTH (1-1/2")  2 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 2 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 3 EA DISPOSAL OF SIGN SYSTEM, U-CHANNEL 3 EA DISPOSAL OF SUPPORT, U-CHANNEL 3 EA DISPOSAL OF SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 19.0C EA DRUMS 59.5B S9.5B 59.5B 50.5B EA CONES  300 TON ASPHALT BINDER FOR PLANT MIX 50 EA CONES  18 TON ASPHALT BINDER FOR PLANT MIX 136 LF BARRICADES (TYPE III)  45 CY SUBDRAIN EXCAVATION 450 LF PEDESTRIAN CHANNELIZING DEVICES EA TEMPORARY CRASH CUSHIONS  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS 2 EA TEMPORARY CRASH CUSHIONS  200 LF 6" PERFORATED SUBDRAIN PIPE 2 Lump Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  6 LF 6" OUTLET PIPE 40 EA TEMPORARY RAISED PAVEMENT MARKERS						
(1-1/2") 2 EA DISPOSAL OF SUPPORT, U-CHANNEL  540 SY INCIDENTAL MILLING 491 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C SF WORK ZONE SIGNS (BARRICADE MOUNTED)	SY   INCIDENTAL MILLING   491   SF   WORK ZONE SIGNS (STATIONARY)	(1-1/2")  540 SY INCIDENTAL MILLING  540 SY INCIDENTAL MILLING  491 SF WORK ZONE SIGNS (STATIONARY)  1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B  300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  6 LIMP Sum LS  10 DEA DRUMS  WORK ZONE SIGNS (PORTABLE)  WORK ZONE SIGNS (BARRICADE MONTED)  LE DRUMS  SPHALT CONC SURFACE DRAINS  100 EA DRUMS  LE DRUMS  LE PEDESTRIAN CHANNELIZING DEVICES  DAY FLAGGER  1 EMPORARY CRASH CUSHIONS  Lump Sum LS  GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  6 LF 6" OUTLET PIPE  40 EA TEMPORARY RAISED PAVEMENT MARKERS				18	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C 96 SF WORK ZONE SIGNS (PORTABLE)  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C 122 SF WORK ZONE SIGNS (BARRICADE MOUNTED)	1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B  300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE	1,010 TON ASPHALT CONC BASE COURSE, TYPE B25.0C  1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE B25.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE	10,050	51		2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
1,425 TON ASPHALT CONC INTERMEDIATE COURSE, 122 SF WORK ZONE SIGNS (BARRICADE TYPE 119.0C MOUNTED)	1.425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE 100 EA DRUMS 59.5B  300 TON ASPHALT BINDER FOR PLANT MIX 136 LF BARRICADES (TYPE III)  45 CY SUBDRAIN EXCAVATION 255 DAY FLAGGER  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS 255 DAY FLAGGER  45 CY SUBDRAIN COARSE AGGREGATE 220 LF PORTABLE CONCRETE BARRIER	1,425 TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19,0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S9,5B  300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  255 DAY FLAGGER  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE  40 EA TEMPORARY CRASH CUSHION PROTECTIVE CANOPY  6 LF 6" OUTLET PIPE  40 EA TEMPORARY RAISED PAVEMENT MARKERS	540	SY	INCIDENTAL MILLING	491		
TYPE I19.0C MOUNTED)	TYPE II9.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B  300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  MOUNTED)  EA MOUNTED)  EA DRUMS  CONES  LF BARRICADES (TYPE III)  450 LF PEDESTRIAN CHANNELIZING DEVICES  DAY FLAGGER  2 EA TEMPORARY CRASH CUSHIONS  201 LF PORTABLE CONCRETE BARRIER	TYPE II9.0C  2,800 TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B  300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  6 LF 6" OUTLET PIPE  40 EA TEMPORARY RAISED PAVEMENT MARKERS	1,010	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	96		
2,800 TON ASPHALT CONC SURFACE COURSE, TYPE 100 EA DRUMS	S9.5B  300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  45 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  50 EA CONES  BARRICADES (TYPE III)  450 LF PEDESTRIAN CHANNELIZING DEVICES  DAY FLAGGER  2 EA TEMPORARY CRASH CUSHIONS  200 LF 6" PERFORATED SUBDRAIN PIPE	S9.5B  TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  SY GEOTEXTILE FOR SUBSURFACE DRAINS  46 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  1 EA SUBDRAIN PIPE  40 EA TEMPORARY CRASH CUSHIONS  LIMP SUB PROTECTIVE CANOPY  6 LF 6" OUTLET PIPE  40 EA TEMPORARY RAISED PAVEMENT MARKERS			TYPE I19.0C			MOUNTED)
S0 5B	300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  36 LF BARRICADES (TYPE III)  450 LF PEDESTRIAN CHANNELIZING DEVICES  DAY FLAGGER  2 EA TEMPORARY CRASH CUSHIONS  200 LF 6" PERFORATED SUBDRAIN PIPE	300 TON ASPHALT BINDER FOR PLANT MIX  18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR  45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  200 LF 6" OUTLET PIPE  300 OUTLET PIPE  301 DAY FLAGGER  201 LF PORTABLE CONCRETE BARRIER  Lump Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  400 EA TEMPORARY RAISED PAVEMENT MARKERS	2,800	TON				
300 TON ASPHALT BINDER FOR PLANT MIX 50 EA CONES	18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 45 CY SUBDRAIN EXCAVATION 200 SY GEOTEXTILE FOR SUBSURFACE DRAINS 210 CY SUBDRAIN COARSE AGGREGATE 210 LF 6" PERFORATED SUBDRAIN PIPE 210 LF 6" PERFORATED SUBDRAIN PIPE 210 LF PERFORATED SUBDRAIN PIPE 211 PORTABLE CONCRETE BARRIER	18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 45 CY SUBDRAIN EXCAVATION 450 LF PEDESTRIAN CHANNELIZING DEVICES  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS 255 DAY FLAGGER  256 DAY FLAGGER 257 DAY FLAGGER 258 DAY FLAGGER 259 DAY FLAGGER 250 LF PORTABLE CONCRETE BARRIER 260 LF 6" PERFORATED SUBDRAIN PIPE 270 LF PORTABLE CONCRETE BARRIER 270 Lump Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY 270 DATE OF THE PIPE 270 DATE OF THE PROPERTY PROTECTIVE CANOPY 271 DATE OF THE PROPERTY PROPERT	300	TON				
18 TON ASPHALT PLANT MIX, PAVEMENT REPAIR	45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  255 DAY FLAGGER  2 EA TEMPORARY CRASH CUSHIONS  220 LF PORTABLE CONCRETE BARRIER	45 CY SUBDRAIN EXCAVATION  200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  1 EA SUBDRAIN PIPE  40 EA TEMPORARY CRASH CUSHIONS  1 EA SUBDRAIN PIPE OUTLET  40 EA TEMPORARY CRASH CUSHIONS  1 EN PORTABLE CONCRETE BARRIER  Lump Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  6 LF 6" OUTLET PIPE  40 EA TEMPORARY RAISED PAVEMENT MARKERS	18	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
45 CY SUBDRAIN EXCAVATION	200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  210 LF PORTABLE CONCRETE BARRIER	200 SY GEOTEXTILE FOR SUBSURFACE DRAINS  34 CY SUBDRAIN COARSE AGGREGATE  200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  1 EA SUBDRAIN PIPE OUTLET  200 LF 6" OUTLET PIPE  201 LF PORTABLE CONCRETE BARRIER  Lump Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  40 EA TEMPORARY RAISED PAVEMENT MARKERS	45	CY	SUBDRAIN EXCAVATION			
200 SY GEOTEXTILE FOR SUBSURFACE DRAINS	34 CY SUBDRAIN COARSE AGGREGATE 200 LF 6" PERFORATED SUBDRAIN PIPE 220 LF PORTABLE CONCRETE BARRIER	34 CY SUBDRAIN COARSE AGGREGATE 200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  1 EA SUBDRAIN PIPE OUTLET  1 EA G" OUTLET PIPE  1 EA SUBDRAIN PIPE OUTLET  1 EA G" OUTLET PIPE  1 EA G"	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS			
34 CY SUBDRAIN COARSE AGGREGATE	200 LF 6" PERFORATED SUBDRAIN PIPE	200 LF 6" PERFORATED SUBDRAIN PIPE  1 EA SUBDRAIN PIPE OUTLET  6 LF 6" OUTLET PIPE  Lump Sum LS GENERIC TRAFFIC CONTROL ITEM PROTECTIVE CANOPY  40 EA TEMPORARY RAISED PAVEMENT MARKERS	34	CY	SUBDRAIN COARSE AGGREGATE			
200 LF 6" PERFORATED SUBDRAIN PIPE	Lump Cum I C CENEDIC TD A FEIC CONTROL ITEM	1 EA SUBDRAIN PIPE OUTLET PROTECTIVE CANOPY 6 LF 6" OUTLET PIPE 40 EA TEMPORARY RAISED PAVEMENT MARKERS	200	LF	6" PERFORATED SUBDRAIN PIPE			
		6 LF 6" OUTLET PIPE 40 EA TEMPORARY RAISED PAVEMENT MARKERS	1	EA	SUBDRAIN PIPE OUTLET	Lump Sum	LS	
I ROLECTIVE CANOL I		3.532 CY ENDWALLS	6	LF	6" OUTLET PIPE	40	EA	
TROTECTIVE CANOLI	6 LF 6" OUTLET PIPE 40 EA TEMPORARY RAISED PAVEMENT MARKERS	The state of the s	3.532	CY	ENDWALLS			
TROTECTIVE CANOLI	6 LF 6" OUTLET PIPE 40 EA TEMPORARY RAISED PAVEMENT MARKERS							

2,284	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	541.5	LF	GENERIC RETAINING WALL ITEM ORNAMENTAL FENCE FOR RETAINING WALL
27,333	LF	PAINT PAVEMENT MARKING LINES (4")			STRUCTURE ITEMS
184	LF	PAINT PAVEMENT MARKING LINES (24")	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
4,054	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	Lump Sum	Lo	REMOVAL OF TEMP ACCESS AT STA
99	LF	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (24", 120 MILS)	Lump Sum	LS	(18+80.50 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
15,076	LF	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT	Lump Sum	LS	(18+80.50 -L-) ASBESTOS ASSESSMENT
		MARKING LINES (4", 90 MILS)	54	LF	PILE EXCAVATION IN SOIL
46	LF	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT	24	LF	PILE EXCAVATION NOT IN SOIL
		MARKING LINES (8", 90 MILS)	49.8	LF	**'_**" DIA DRILLED PIERS IN SOIL
2	EA	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING SYMBOLS (90 MILS)	132.4	LF	(4'-6")  **'-**" DIA DRILLED PIERS NOT IN SOIL
604	LF	16" WATER LINE	36	LF	(4'-6") PERMANENT STEEL CASING FOR **'_**" DIA
1,795	LB	DUCTILE IRON WATER PIPE FITTINGS	30		DRILLED PIER
1	EA	4" VALVE	1	EA	(4'-6") SID INSPECTIONS
1	EA	16" VALVE	1	EA	SPT TESTING
634	LF	4" FORCE MAIN SEWER	1	EA	CSL TESTING
305	LB	DUCTILE IRON SEWER PIPE FITTINGS		SF	REINFORCED CONCRETE DECK SLAB
542	LF	ABANDON **" UTILITY PIPE	19,786		
		(4")	17,585	SF	GROOVING BRIDGE FLOORS
525	LF	ABANDON 16" UTILITY PIPE	321	CY	CLASS A CONCRETE (BRIDGE)
40	LF	12" ENCASEMENT PIPE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
40	LF	30" ENCASEMENT PIPE			(18+80.50 -L-)
7,075	LF	TEMPORARY SILT FENCE	78,616	LB	REINFORCING STEEL (BRIDGE)
105	TON	STONE FOR EROSION CONTROL, CLASS A	13,640	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,235	TON	STONE FOR EROSION CONTROL, CLASS B	2,155.33	LF	FIB **" PRESTRESSED CONCRETE GIRDERS
1,075	TON	SEDIMENT CONTROL STONE			(54")
6	ACR	TEMPORARY MULCHING	14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES
400	LB	SEED FOR TEMPORARY SEEDING			(HP 12 X 53)
3	TON	FERTILIZER FOR TEMPORARY SEEDING	510	LF	HP 12 X 53 STEEL PILES
400	LF	TEMPORARY SLOPE DRAINS	6	EA	STEEL PILE POINTS
320	LF	SAFETY FENCE	8	EA	PILE REDRIVES
2,650	CY	SILT EXCAVATION	1	EA	DYNAMIC PILE TESTING
15,000	SY	MATTING FOR EROSION CONTROL	1,104.13	LF	TWO BAR METAL RAIL
100	SY	COIR FIBER MAT	1,111.42	LF	1'-**" X *****" CONCRETE PARAPET (1'-2" X 2'-6")
980	LF	1/4" HARDWARE CLOTH	10	SY	4" SLOPE PROTECTION
2,400	SY	LOW PERMEABILITY GEOTEXTILE	708	TON	RIP RAP CLASS II (2'-0" THICK)
24	EA	SPECIAL STILLING BASINS	787	SY	GEOTEXTILE FOR DRAINAGE
365	LB	FLOCCULANT	Lump Sum	LS	ELASTOMERIC BEARINGS
690	LF	COIR FIBER WATTLE	Lump Sum	LS	FOAM JOINT SEALS
430	LF	COIR FIBER BAFFLE	1,106.17	LF	GENERIC STRUCTURE ITEM
2	EA	**" SKIMMER	1,100.17	ы	ORNAMENTAL FENCE
-	Lit	(1-1/2")			
9	ACR	SEEDING & MULCHING			
6	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING			
4.75	TON	FERTILIZER TOPDRESSING			
250	LF	IMPERVIOUS DIKE			
10	MHR	SPECIALIZED HAND MOWING			
75	EA	RESPONSE FOR EROSION CONTROL			
1	EA	CONCRETE WASHOUT STRUCTURE			
54	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT			
18	EA	GENERIC EROSION CONTROL ITEM			
3	EA	FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM			
		PREFABRICATED CONCRETE WASHOUT WALL ITEMS			
535.5	LF	TWO BAR METAL RAIL			
8,800	SF	MSE RETAINING WALL NO ****			
543	LF	(1) GENERIC RETAINING WALL ITEM			
343	LГ	GENERIC RETAINING WALL ITEM 1'-2" X 2'-6" CONCRETE PARAPET WITH MOMENT SLAB			

L250819

CONTRACT ID: C204975 53080.3.1 DIV OFFICE WINSTON-SALEM LENGTH = 0.819 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 3.00% COMPLETION DATE: JAN 11, 2030

#### I-40/US-311 AT NC-109 INTERCHANGE.

		ROADWAY ITEMS	22,950	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH
Lump Sum	LS	MOBILIZATION	10,700	SY	(1-1/2") MILLING ASPHALT PAVEMENT, ***" DEPTH
Lump Sum	LS	CONSTRUCTION SURVEYING			(2-1/4")
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1,660	SY	INCIDENTAL MILLING
2,300	CY	UNDERCUT EXCAVATION	10,630	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS	GRADING	12,310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
61,950	CY	BORROW EXCAVATION	11,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
700	CY	DRAINAGE DITCH EXCAVATION	2,100	TON	ASPHALT CONC SURFACE COURSE, TYPE
5	HR	PROOF ROLLING	1,770	TON	S9.5D ASPHALT BINDER FOR PLANT MIX
700	CY	SELECT GRANULAR MATERIAL	150	TON	POLYMER MODIFIED ASPHALT BINDER FOR
3,500	SY	GEOTEXTILE FOR SOIL STABILIZATION	150	1011	PLANT MIX
300	SF	TEMPORARY SHORING	100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
670	SY	ROCK PLATING	490	TON	ULTRA-THIN BONDED WEARING COURSE
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 39+32.73 -L-	3,250	LF	GENERIC PAVING ITEM MILLED RUMBLE STRIPS (ASPHALT CONCRETE), (16")
150	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	2,998	SY	*****" PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (11-1/2")
580	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,150	SY	CONCRETE SHOULDERS ADJACENT TO ******* PAVEMENT
1,800	SY	FOUNDATION CONDITIONING GEOTEXTILE	4,350	LF	(11-1/2") MILLED RUMBLE STRIPS (CONCRETE
88	LF	18" SIDE DRAIN PIPE	4,330	Li	SHOULDERS)
572	LF	15" RC PIPE CULVERTS, CLASS III	48	EA	RIGHT-OF-WAY MARKERS
124	LF	18" RC PIPE CULVERTS, CLASS III	45	CY	SUBDRAIN EXCAVATION
384	LF	24" RC PIPE CULVERTS, CLASS III	200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
212	LF	30" RC PIPE CULVERTS, CLASS III	34	CY	SUBDRAIN COARSE AGGREGATE
84	LF	42" RC PIPE CULVERTS, CLASS III	200	LF	6" PERFORATED SUBDRAIN PIPE
1,036	LF	15" RC PIPE CULVERTS, CLASS IV	1	EA	SUBDRAIN PIPE OUTLET
420	LF	18" RC PIPE CULVERTS, CLASS IV	6	LF	6" OUTLET PIPE
224	LF	24" RC PIPE CULVERTS, CLASS IV	2,000	LF	SHOULDER DRAIN
32	LF	30" RC PIPE CULVERTS, CLASS IV	2,000	LF	4" SHOULDER DRAIN PIPE
60	LF	36" RC PIPE CULVERTS, CLASS IV	80	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
116	LF	42" RC PIPE CULVERTS, CLASS IV	6	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
572	LF	**" RC PIPE CULVERTS, CLASS V	3.84	CY	PIPE COLLARS
128	LF	(15") **" RC PIPE CULVERTS, CLASS V	0.48	CY	PIPE PLUGS
		(18")	83	CY	FLOWABLE FILL
436	LF	**" RC PIPE CULVERTS, CLASS V (24")	85	EA	MASONRY DRAINAGE STRUCTURES
404	LF	**" RC PIPE CULVERTS, CLASS V	119.1	LF	MASONRY DRAINAGE STRUCTURES
164	LF	(30") **" RC PIPE CULVERTS, CLASS V	15	EA	FRAME WITH TWO GRATES, STD 840.20
164	LF	(36")	6	EA	FRAME WITH TWO GRATES, STD 840.22
88	LF	15" CS PIPE CULVERTS, 0.064" THICK	5	EA	FRAME WITH TWO GRATES, STD 840.24
2	EA	**" CS PIPE ELBOWS, *****" THICK (15", 0.064")	7	EA	FRAME WITH TWO GRATES, STD 840.29
120	LF	**" WELDED STEEL PIPE, ****" THICK, GRADE B IN SOIL	8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
120	LF	(30", 0.469") **" WELDED STEEL PIPE, ****" THICK, GRADE B NOT IN SOIL	16	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
2,719	LF	(30", 0.469") PIPE REMOVAL	9	EA	(F) FRAME WITH GRATE & HOOD, STD 840.03,
2	EA	PIPE CLEAN OUT			TYPE ** (G)
4,650	CY	SHALLOW UNDERCUT	8	EA	FRAME WITH COVER, STD 840.54
15,975	TON	CLASS IV SUBGRADE STABILIZATION	6	EA	STEEL FRAME WITH TWO GRATES, STD
500	TON	STABILIZER AGGREGATE	5	EA	840.37 CONCRETE TRANSITIONAL SECTION FOR
26,750	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION			DROP INLET
4,514	TON	AGGREGATE BASE COURSE	6,170	LF	2'-6" CONCRETE CURB & GUTTER
100	TON	INCIDENTAL STONE BASE	380	LF	SHOULDER BERM GUTTER
			3,030	SY	4" CONCRETE SIDEWALK

40	EA	CONCRETE CURB RAMPS	96	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
720	SY	6" CONCRETE DRIVEWAY	6	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
40	SY	4" CONCRETE PAVED DITCH	20	EA	DISPOSAL OF SIGN, D, E OR F
2,715	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	1	EA	DISPOSAL OF LIGHTING SYSTEM
355	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	7	EA	GENERIC SIGNING ITEM SUPPORTS, OMNI-DIRECTIONAL BREAKAWAY
405	SY	GENERIC PAVING ITEM 9" CONCRETE TRUCK APRON	1,771	SF	WORK ZONE SIGNS (STATIONARY)
175	LF	GENERIC PAVING ITEM	240	SF	WORK ZONE SIGNS (PORTABLE)
		2'-6" CONCRETE CURB AND GUTTER (MODIFIED)	191	SF	WORK ZONE SIGNS (BARRICADE
290	LF	GENERIC PAVING ITEM	3	EA	MOUNTED) FLASHING ARROW BOARD
,	E.A	CONCRETE VALLEY GUTTER (MODIFIED)	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1	EA	ADJUSTMENT OF CATCH BASINS	3	DAY	PORTABLE CHANGEABLE MESSAGE SIGN
2	EA	ADJUSTMENT OF DROP INLETS	J	2.11	(SHORT TERM)
1 2	EA EA	ADJUSTMENT OF MANHOLES  CONVERT EXISTING CATCH BASIN TO	181	EA	DRUMS
2	LA	JUNCTION BOX	50	EA	SEQUENTIAL FLASHING WARNING LIGHTS
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	37	EA	CONES
3,900	LF	STEEL BEAM GUARDRAIL	96	LF	BARRICADES (TYPE III)
125	LF	STEEL BEAM GUARDRAIL, SHOP CURVED	180	DAY	FLAGGER
10	EA	ADDITIONAL GUARDRAIL POSTS	5	EA	TEMPORARY CRASH CUSHIONS
5	EA	GUARDRAIL END UNITS, TYPE CAT-1	4	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III	4	EA	TMA
6	EA	GUARDRAIL END UNITS, TYPE TL-3	740	LF	PORTABLE CONCRETE BARRIER
2	EA	GUARDRAIL END UNITS, TYPE TL-2	4,487	LF	PORTABLE CONCRETE BARRIER
9	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	3,492	LF	(ANCHORED) REMOVE & RESET PORTABLE CONCRETE
3,550	LF	REMOVE EXISTING GUARDRAIL			BARRIER (ANCHORED)
2,380	LF	CHAIN LINK FENCE, 48" FABRIC	720	HR	LAW ENFORCEMENT
200	EA	METAL LINE POSTS FOR 48" CHAIN LINK	50	LF	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN CHANNELIZING DEVICES
25	EA	FENCE METAL TERMINAL POSTS FOR 48" CHAIN	11	EA	GENERIC TRAFFIC CONTROL ITEM
23	LA	LINK FENCE	315	EA	AUDIBLE WARNING DEVICES GENERIC TRAFFIC CONTROL ITEM
12	TON	RIP RAP, CLASS I	515	D/1	PEDESTRIAN TRANSPORT SERVICE
100	TON	RIP RAP, CLASS B	4	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS
2,210	SY	GEOTEXTILE FOR DRAINAGE	170	EA	TEMPORARY RAISED PAVEMENT MARKERS
1,614	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (A)	11,314	LF	THERMOPLASTIC PAVEMENT MARKING
198	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (B)	18,604	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
45	SF	CONTRACTOR FURNISHED, TYPE *** SIGN	5,444	LF	LINES (6", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
1,804	SF	(D) CONTRACTOR FURNISHED, TYPE *** SIGN (E)	2,773	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
134	SF	CONTRACTOR FURNISHED, TYPE *** SIGN	159	LF	LINES (12", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
4	CY	(F) REINFORCED CONCRETE SIGN FOUNDATIONS	40	EA	LINES (24", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS			CHARACTER (90 MILS)
33	CY	OVERHEAD FOOTING	68	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
4,804	LB	SUPPORTS, BREAKAWAY STEEL BEAM	40,091	LF	PAINT PAVEMENT MARKING LINES (4")
1,112	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	19,042	LF	PAINT PAVEMENT MARKING LINES (6")
1	EA	SUPPORTS, 2-LB STEEL U-CHANNEL	3,733	LF	PAINT PAVEMENT MARKING LINES (8")
2	EA	SIGN ERECTION, TYPE D	1,382	LF	PAINT PAVEMENT MARKING LINES (12")
67	EA	SIGN ERECTION, TYPE E	389	LF	PAINT PAVEMENT MARKING LINES (24")
11	EA	SIGN ERECTION, TYPE F	24	EA	PAINT PAVEMENT MARKING CHARACTER
3	EA	SIGN ERECTION, TYPE *** (OVERHEAD)	75	EA	PAINT PAVEMENT MARKING SYMBOL
1	EA	(A) SIGN ERECTION, TYPE *** (OVERHEAD) (B)	88	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (12", 30 MILS)
6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	1,350	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS)
1	EA	(A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	922	LF	(4", 30 MILS) POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (6", 30 MILS)
1	EA	SIGN ERECTION, MILEMARKERS	696	LF	POLYUREA PAVEMENT MARKING LINES
5	EA	SIGN ERECTION, RELOCATE TYPE ****			(**", *** MILS) (8", 30 MILS)
		(GROUND MOUNTED) (D)	12,828	LF	REMOVAL OF PAVEMENT MARKING LINES
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE *****	299	LF	(4")  REMOVAL OF PAVEMENT MARKING LINES
Lump Sum	LS	(32+09.81 -L-) SUPPORTS, OVERHEAD SIGN STRUCTURE	415	LF	(8") REMOVAL OF PAVEMENT MARKING LINES
mp built		****	57	EA	(24") REMOVAL OF PAVEMENT MARKING
2	EA	(45+39.32 -L-) DISPOSAL OF SIGN SYSTEM, OVERHEAD			SYMBOLS & CHARACTERS
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	72	LF	GENERIC PAVEMENT MARKING ITEM YIELD LINE PAINT PAVEMENT MARKING,
					(24")

96	LF	GENERIC PAVEMENT MARKING ITEM YIELD LINE THERMOPLASTIC PAVEMENT	90	LF	BORE AND JACK OF **" (30")
		MARKING, (24", 90 MILS)	27,955	LF	TEMPORARY SILT FENCE
731	EA	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	880	TON	STONE FOR EROSION CONTROL, CLASS A
2	EA	***' HIGH MOUNT STANDARD	4,055	TON	STONE FOR EROSION CONTROL, CLASS B
2	E.4	(60')	2,825	TON	SEDIMENT CONTROL STONE
2	EA	80' HIGH MOUNT STANDARD	15	ACR	TEMPORARY MULCHING
1	EA	PORTABLE DRIVE UNIT	700	LB	SEED FOR TEMPORARY SEEDING
23	CY	HIGH MOUNT FOUNDATIONS	3.5	TON	FERTILIZER FOR TEMPORARY SEEDING
32	EA	HIGH MOUNT LUMINAIRES ******* (335W LED)	895	LF	TEMPORARY SLOPE DRAINS
19	EA	LIGHT STANDARDS, TYPE MTLT	780	LF	SAFETY FENCE
		**************************************	7,280	CY	SILT EXCAVATION
17	EA	STANDARD FOUNDATION *******	35,500	SY	MATTING FOR EROSION CONTROL
2	EA	(TYPE R1) STANDARD FOUNDATION ********	100	SY	COIR FIBER MAT
-		(TYPE R2)	6,520	LF	1/4" HARDWARE CLOTH
19	EA	LIGHT STANDARD LUMINAIRES, TYPE ************************************	1,000	SY	LOW PERMEABILITY GEOTEXTILE
		(RDW, 285W LED)	4	EA	SPECIAL STILLING BASINS
1	EA	ELECTRIC SERVICE POLE ************************************	1,095	LB	FLOCCULANT
25	LF	ELECTRIC SERVICE LATERAL *********	400	LF	COIR FIBER WATTLE
,	Ε.	(3 #1/0 USE)	195	LF	COIR FIBER BAFFLE
1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ************************************	15	ACR	SEEDING & MULCHING
970	LE	(240/480 V)	15	ACR	MOWING
860	LF	ELECTRICAL DUCT, TYPE **, SIZE ***** (TL, 3")	150	LB	SEED FOR REPAIR SEEDING
390	LF	ELECTRICAL DUCT, TYPE **, SIZE *****	0.75	TON	FERTILIZER FOR REPAIR SEEDING
470	LF	(TL, 4") ELECTRICAL DUCT, TYPE BD, SIZE *****	350	LB	SEED FOR SUPPLEMENTAL SEEDING
		(2")	10	TON	FERTILIZER TOPDRESSING
860	LF	** #8 W/G FEEDER CIRCUIT (2)	10	MHR	SPECIALIZED HAND MOWING
9,465	LF	** #8 W/G FEEDER CIRCUIT IN *****"	9	MHR	MANUAL LITTER REMOVAL
		CONDUIT (2, 1-1/2")	7	TON	LITTER DISPOSAL
1	EA	ELECTRICAL JUNCTION BOXES	4	SMI	MECHANICAL LITTER REMOVAL
		**************************************	100	EA	RESPONSE FOR EROSION CONTROL
5	EA	ELECTRICAL JUNCTION BOXES	3	EA	CONCRETE WASHOUT STRUCTURE
		**************************************	180	EA	GENERIC EROSION CONTROL ITEM
12	EA	ELECTRICAL JUNCTION BOXES	100	2.1	FABRIC INSERT INLET PROTECTION
		**************************************	60	EA	CLEANOUT GENERIC EROSION CONTROL ITEM
1	EA	ELECTRICAL JUNCTION BOXES	00		FABRIC INSERT INLET PROTECTION, TYPE 2
		********************(IG36)	15	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT
19	EA	ELECTRICAL JUNCTION BOXES	8	EA	PEDESTRIAN SIGNAL HEAD (**", **
		**************************************			SECTION) (16", 1)
Lump Sum	LS	PORTABLE LIGHTING	5,075	LF	SIGNAL CABLE
305	LF	6" WATER LINE	41	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
3,079	LF	8" WATER LINE	3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1,057	LF	16" WATER LINE	1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
14,400	LB	DUCTILE IRON WATER PIPE FITTINGS	2,200	LF	MESSENGER CABLE (1/4")
3	EA	6" VALVE	1,200	LF	MESSENGER CABLE (3/8")
7	EA	8" VALVE	3,600	LF	TRACER WIRE
6	EA	16" VALVE	25	LF	PAVED TRENCHING (********)
30	EA	RELOCATE WATER METER	500	LF	(1, 2") UNPAVED TRENCHING (*******)
2	EA	RELOCATE FIRE HYDRANT	300	LI	(1, 2")
18	LF	FIRE HYDRANT LEG	3,150	LF	UNPAVED TRENCHING (********)
962	LF	WATER SERVICE LINE	850	LF	(2, 2") DIRECTIONAL DRILL (*********)
2,411	LF	8" SANITARY GRAVITY SEWER			(2, 2")
14	EA	SANITARY SEWER CLEAN-OUT	2	EA	JUNCTION BOX (************) (SPECIAL OVER-SIZED, HEAVY DUTY)
600	LF	SEWER SERVICE LINE	13	EA	JUNCTION BOX (STANDARD SIZE)
21	EA	4' DIA UTILITY MANHOLE	8	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
32	LF	UTILITY MANHOLE WALL 4' DIA	9	EA	WOOD POLE
1,517	LF	ABANDON 6" UTILITY PIPE	23	EA	GUY ASSEMBLY
3,360	LF	ABANDON 8" UTILITY PIPE	3	EA	***" RISER WITH ********
1,865	LF	ABANDON 16" UTILITY PIPE	3	EA	(2", FIBER OPTIC CABLE SEAL) 1" RISER WITH WEATHERHEAD
2	EA	REMOVE WATER METER			
9	EA	ABANDON UTILITY MANHOLE	1 175	EA LF	2" RISER WITH WEATHERHEAD INDUCTIVE LOOP SAWCUT
3	EA	REMOVE UTILITY MANHOLE	1,175 4,625	LF LF	
782	LF	16" ENCASEMENT PIPE	4,625	EA	LEAD-IN CABLE (14-2) SITE SURVEY
155	LF	30" ENCASEMENT PIPE	11	EA EA	LUMINAIRE ARM FOR VIDEO SYSTEM
350	LF	BORE AND JACK OF **"	11	EA EA	CAMERA WITHOUT INTERNAL LOOP
		(16")	11	-// h	EMULATOR PROCESSING UNIT

4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT	171.5
2,825	LF	COMMUNICATIONS CABLE (** FIBER) (48)	Lump Sum Lump Sum
275	LF	COMMUNICATIONS CABLE (** FIBER) (6)	
6,325	LF	COMMUNICATIONS CABLE (** FIBER) (72)	Lump Sum
5	EA	SPLICE ENCLOSURE	Lump Sum
1	EA	MODIFY SPLICE ENCLOSURE	I C
2	EA	INTERCONNECT CENTER	Lump Sum
9	EA	DELINEATOR MARKER	Lump Sum
10,550	LF	REMOVE EXISTING COMMUNICATIONS CABLE	999.8
200	LF	BACK PULL FIBER OPTIC CABLE	3,285.1
2	EA	METAL STRAIN SIGNAL POLE	3,203.1
2	EA	SOIL TEST	112
12	CY	DRILLED PIER FOUNDATION	
25	EA	SIGN FOR SIGNALS	6,876.5
8	EA	TYPE II PEDESTAL WITH FOUNDATION	
3	EA	SIGNAL CABINET FOUNDATION	5,611.3
2	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION	6,876.5
11	EA	DETECTOR CARD (TYPE 170)	1
3	EA	INSTALL DEPARTMENT SUPPLIED 2070 CONTROLLER	5
3	EA	CABINET WITHOUT CONTROLLER (*****)	3
3	EA	(BASE MOUNTED) CABINET BASE EXTENDER	1
2	EA	GENERIC SIGNAL ITEM	
2	EA	ETHERNET EDGE SWITCH	
9	EA	GENERIC SIGNAL ITEM MODIFY EXISTING VEHICLE SIGNAL HEADS	
		WALL ITEMS	191.3
89,194	SF	GENERIC RETAINING WALL ITEM	171.5
07,174	51	ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO 1)	
50,186	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT	191.3
38,800	SF	(SOUND BARRIER WALL NO 4) GENERIC RETAINING WALL ITEM	
30,000	5.	ARCHITECTURAL SURFACE TREATMENT (SOUND BARRIER WALL NO 5)	
105,896	SF	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREATMENT	
158,870	SF	(SOUND BARRIER WALL NO 6/7) GENERIC RETAINING WALL ITEM	
150,070	51	SOUND BARRIER WALL	
		STRUCTURE ITEMS	
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	
Lump Sum	LS	ASBESTOS ASSESSMENT	
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT NO ** AT STATION *********	
Lump Sum	LS	(1, 39+32.73 -L-) FOUNDATION EXCAVATION FOR BENT NO **	
		AT STATION ************************************	
8,821	SF	REINFORCED CONCRETE DECK SLAB	
58,654	SF	GROOVING BRIDGE FLOORS	
13.2	CY	CLASS AA CONCRETE (BRIDGE)	
171.7	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************	
405,668	LB	(39+32.73 -L-) REINFORCING STEEL (BRIDGE)	
853	LB	EPOXY COATED REINFORCING STEEL	
		(BRIDGE)	
2,646	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
56	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	
3,610	LF	HP 12 X 53 STEEL PILES	
28	EA	PILE REDRIVES	
351.06	LF	CONCRETE BARRIER RAIL	
473	SY	4" SLOPE PROTECTION	
112	SY	CLASS II, SURFACE PREPARATION	
Lump Sum	LS	ELASTOMERIC BEARINGS	
32	CE	SHOTOPETE DEDAIDS	

SHOTCRETE REPAIRS

32 CF

LF EPOXY RESIN INJECTION LS FOAM JOINT SEALS GENERIC STRUCTURE ITEM LS CLEANING AND PAINTING EXISTING WEATHERING STEEL FOR BRIDGE #29 LS GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING WEATHERING STEEL FOR BRIDGE #340 GENERIC STRUCTURE ITEM
PAINTING CONTAINMENT FOR BRIDGE #29 LS GENERIC STRUCTURE ITEM
PAINTING CONTAINMENT FOR BRIDGE #340 LS GENERIC STRUCTURE ITEM POLLUTION CONTROL LS GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION LF GENERIC STRUCTURE ITEM EPOXY COATING SF GENERIC STRUCTURE ITEM
CONCRETE DECK REPAIR FOR POLYMER SY CONCRETE OVERLAY GENERIC STRUCTURE ITEM SY PLACING & FINISHING OF POLYMER CONCRETE OVERLAY GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK SY GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK SY GENERIC STRUCTURE ITEM BEARING REPLACEMENT EΑ GENERIC STRUCTURE ITEM STEEL BEARING KEEPER ANGLE ASSEMBLY EA GENERIC STRUCTURE ITEM
TYPE I BRIDGE JACKING FOR BRIDGE #29 EΑ \*\*\*\*\*\* BEGIN SCHEDULE AA\*\*\*\*\* \*\*\*\*\*\* (2 ALTERNATES) \*\*\*\*\*\* GENERIC STRUCTURE ITEM POLYESTER POLYMER CONCRETE MATERIALS .3 CY \*\*\* OR \*\*\*

191.3 CY GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS

\*\*\* END SCHEDULE AA\*\*\*

L250819

CONTRACT ID: C204991 BP10.R013.3 DIV OFFICE ALBEMARLE LENGTH = 0.315 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 5.00% COMPLETION DATE: JAN 11, 2028

#### BRIDGE #590165 OVER COFFEY CREEK ON SR-5469 (SHOPTON RD).

		DO ADWAY IMPING	5	EA	ADDITIONAL CHADDDAH DOCTO
		ROADWAY ITEMS		EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	MOBILIZATION	4		GUARDRAH END UNITS, TYPE III
Lump Sum	LS	CONSTRUCTION SURVEYING	4	EA	GUARDRAIL END UNITS, TYPE TL-3
Lump Sum	LS	GRADING	70	LF	WOVEN WIRE FENCE, 47" FABRIC
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	3	EA EA	4" TIMBER FENCE POSTS, 7'-6" LONG
1,600	CY	UNDERCUT EXCAVATION	153	LF	5" TIMBER FENCE POSTS, 8'-0" LONG
60	CY	DRAINAGE DITCH EXCAVATION			CHAIN LINK FENCE, 48" FABRIC
3,500	CY	SELECT GRANULAR MATERIAL	13	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE
13,500 Lump Sum	SY LS	GEOTEXTILE FOR SOIL STABILIZATION GENERIC GRADING ITEM	2	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE
F		TYPE 1 BRIDGE APPROACH FILL, STATION	405	TON	RIP RAP, CLASS I
170	TON	21+59.00 -L- FOUNDATION CONDITIONING MATERIAL,	300	TON	RIP RAP, CLASS II
		MINOR STRUCTURES	10	TON	RIP RAP, CLASS B
510	SY	FOUNDATION CONDITIONING GEOTEXTILE	1,425	SY	GEOTEXTILE FOR DRAINAGE
112	LF	18" DRAINAGE PIPE	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
60	LF	24" DRAINAGE PIPE	7.5	SF	CONTRACTOR FURNISHED, TYPE *** SIGN
2	EA	**" DRAINAGE PIPE ELBOWS (18")	140	LF	(E) SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	**" DRAINAGE PIPE ELBOWS			
444	LF	(24") 15" RC PIPE CULVERTS, CLASS IV	13	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
824	LF	18" RC PIPE CULVERTS, CLASS IV	610	SF	(E)
84	LF	24" RC PIPE CULVERTS, CLASS IV	618 95	SF	WORK ZONE SIGNS (STATIONARY)
472	LF	PIPE REMOVAL	93	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
100	CY	SHALLOW UNDERCUT	3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
6,512	TON	CLASS IV SUBGRADE STABILIZATION	64	LF	BARRICADES (TYPE III)
300	SY	GEOTEXTILE FOR SUBGRADE	11,575	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
300		STABILIZATION	235	LF	THERMOPLASTIC PAVEMENT MARKING
1,270	SY	INCIDENTAL MILLING			LINES (8", 90 MILS)
1,140	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
1,070	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
1,150	TON	ASPHALT CONC SURFACE COURSE, TYPE \$9.5C	10	EA	THERMOPLASTIC PAVEMENT MARKING
175	TON	ASPHALT BINDER FOR PLANT MIX	6	EA	SYMBOL (90 MILS) HEATED-IN-PLACE THERMOPLASTIC
84	CY	SUBDRAIN EXCAVATION			PAVEMENT MARKING SYMBOL (90 MILS)
250	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	1,390	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
42	CY	SUBDRAIN COARSE AGGREGATE			(I)
250	LF	6" PERFORATED SUBDRAIN PIPE	1,306.3	LF	12" WATER LINE
1	EA	SUBDRAIN PIPE OUTLET	4,670	LB	DUCTILE IRON WATER PIPE FITTINGS
6	LF	6" OUTLET PIPE	2	EA	8" VALVE
1.292	CY	PIPE COLLARS	2	EA	12" VALVE
19	EA	MASONRY DRAINAGE STRUCTURES	2	EA	FIRE HYDRANT
8.4	LF	MASONRY DRAINAGE STRUCTURES	20	LF	FIRE HYDRANT LEG
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	2	EA	12" LINE STOP
		(E)	154.6	LF	**" SANITARY GRAVITY SEWER (36")
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	30	LF	8" SANITARY GRAVITY SEWER
		(F)	1	EA	4' DIA UTILITY MANHOLE
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	1	EA	5' DIA UTILITY MANHOLE
		(G)	3	EA	6' DIA UTILITY MANHOLE
1	EA	FRAME WITH COVER, STD 840.54	4.6	LF	UTILITY MANHOLE WALL 4' DIA
2,650	LF	2'-6" CONCRETE CURB & GUTTER	6.6	LF	UTILITY MANHOLE WALL 5' DIA
1,450	SY	4" CONCRETE SIDEWALK	19.7	LF	UTILITY MANHOLE WALL 6' DIA
2	EA	CONCRETE CURB RAMPS	131.9	LF	ABANDON **" UTILITY PIPE (36")
1	EA	ADJUSTMENT OF MANHOLES	51	LF	ABANDON 8" UTILITY PIPE
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	1,259.6	LF	ABANDON 12" UTILITY PIPE
50	LF	STEEL BEAM GUARDRAIL	1	EA	REMOVE FIRE HYDRANT

2	EA	REMOVE UTILITY MANHOLE
100	LF	GENERIC UTILITY ITEM 72" TUNNEL LINER PLATES
204.6	LF	GENERIC UTILITY ITEM SEWER LINING CURED-IN-PLACE PIPE
Lump Sum	LS	GENERIC UTILITY ITEM
		TEMPORARY SANITARY SEWER BYPASS PUMPING
5,040	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
910	TON	STONE FOR EROSION CONTROL, CLASS B
455 11.3	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING
700	LB	SEED FOR TEMPORARY SEEDING
4.5	TON	FERTILIZER FOR TEMPORARY SEEDING
325	LF	TEMPORARY SLOPE DRAINS
400	LF	SAFETY FENCE
1,750	CY	SILT EXCAVATION
11,467	SY	MATTING FOR EROSION CONTROL
550	SY	COIR FIBER MAT
780	LF	1/4" HARDWARE CLOTH
100	SY	LOW PERMEABILITY GEOTEXTILE
2 220	EA LB	SPECIAL STILLING BASINS FLOCCULANT
120	LF	COIR FIBER WATTLE
1,650	LF	WATTLE BARRIER
110	LF	COIR FIBER WATTLE BARRIER
60	LF	COIR FIBER BAFFLE
3	EA	**" SKIMMER
11.3	ACR	(1-1/2") SEEDING & MULCHING
5.65	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
275	LB	SEED FOR SUPPLEMENTAL SEEDING
8	TON	FERTILIZER TOPDRESSING
8 353.3		
	TON	FERTILIZER TOPDRESSING
353.3 10 13	TON LF MHR EA	FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL
353.3 10 13	TON LF MHR EA	FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE
353.3 10 13	TON LF MHR EA	FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT
353.3 10 13	TON LF MHR EA	FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM
353.3 10 13 1 12	TON LF MHR EA EA	FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM
353.3 10 13 1 12	TON LF MHR EA EA EA	IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRIC ATED CONCRETE WASHOUT
353.3 10 13 1 12 4	TON LF MHR EA EA EA	IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS
353.3 10 13 1 12	TON LF MHR EA EA EA	FERTILIZER TOPDRESSING IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4	TON LF MHR EA EA EA	IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRIC ATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT
353.3 10 13 1 12 4 6	TON LF MHR EA EA EA LS	IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum	TON LF MHR EA EA EA LS LS	IMPERVIOUS DIKE SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum Lump Sum	TON LF MHR EA EA EA LS LS LF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48	TON LF MHR EA EA EA LS LS LF LF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum Lump Sum 122 48 120	TON LF MHR EA EA EA LS LS LF LF LF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1	TON LF MHR EA EA EA LS LS LF LF LF LF EA	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1	TON LF MHR EA EA EA LS LS LF LF LF LF EA	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067	TON LF MHR EA EA EA LS LS LF LF LF LF EA LS SF SF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144	TON LF MHR EA EA EA LS LS LF LF LF LF CY	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067	TON LF MHR EA EA EA LS LS LF LF LF LF EA LS SF SF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144	TON LF MHR EA EA EA LS LS LF LF LF LF CY	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE I GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE I GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144 Lump Sum	TON LF MHR EA EA EA LS LS LF LF LF LF CY LS	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144 Lump Sum	TON LF MHR EA EA EA LS LS LF LF LF LF LF LS LS LS LF LF LF LF LF LS	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144 Lump Sum 35,282 3,643	TON LF MHR EA EA EA  EA LS LF LF LF LF LF LS LS LS LF LF LF LF LF LB LS LS LS LS LF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144 Lump Sum 35,282 3,643 1,327.5 20	TON LF MHR EA EA EA  EA  LS LF LF LF LF LF LS LS LF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING  RESPONSE FOR EROSION CONTROL  CONCRETE WASHOUT STRUCTURE  GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION  CLEANOUT  GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PABRIC INSERT INLET PROTECTION, TYPE 1 GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT  STRUCTURE ITEMS  REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
353.3 10 13 1 12 4 6 Lump Sum 122 48 120 1 Lump Sum 9,411 8,067 144 Lump Sum 35,282 3,643 1,327.5	TON LF MHR EA EA EA LS LS LF LF LF LF LS LS LF LF LF LF LF LF LF LS LS LS LF	IMPERVIOUS DIKE  SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE I GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE I GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************

1,134 TON RIP RAP CLASS II (2'-0" THICK)
1,260 SY GEOTEXTILE FOR DRAINAGE
Lump Sum LS ELASTOMERIC BEARINGS

L250819

CONTRACT ID: C205039 DIV OFFICE ALBEMARLE 40543.3.2 LENGTH = 0.531 MI

COUNTY : MECKLENBURG

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 6.00% COMPLETION DATE: MAR 29, 2027

#### SR-3174 (IDLEWILD RD) FROM SR-3175 (STALLINGS RD) TO I-485.

		ROADWAY ITEMS	8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	MOBILIZATION			(E)
Lump Sum	LS	CONSTRUCTION SURVEYING	18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	10		(F)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
16,650	CY	UNCLASSIFIED EXCAVATION	21	Б.	(G)
1,800	CY	UNDERCUT EXCAVATION	21	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
8,100	CY	BORROW EXCAVATION	290	LF	**" X **" CONCRETE CURB (8" X 18")
120	CY	DRAINAGE DITCH EXCAVATION	1,370	LF	1'-6" CONCRETE CURB & GUTTER
1,100	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	11,310	LF	2'-6" CONCRETE CURB & GUTTER
12,940	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	8,100	SY	4" CONCRETE SIDEWALK
10	HR	PROOF ROLLING	45	EA	CONCRETE CURB RAMPS
1,800	CY	SELECT GRANULAR MATERIAL	270	SY	6" CONCRETE DRIVEWAY
1,800	SY	GEOTEXTILE FOR SOIL STABILIZATION	1,850	SY	5" MONOLITHIC CONCRETE ISLANDS
398	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	400	LF	(SURFACE MOUNTED) GENERIC PAVING ITEM 1'-6" CONCRETE CURB & GUTTER, CLASS AA
1,501	SY	FOUNDATION CONDITIONING GEOTEXTILE	22	EA	CONCRETE ADJUSTMENT OF CATCH BASINS
1,532	LF	15" RC PIPE CULVERTS, CLASS III			
912	LF	18" RC PIPE CULVERTS, CLASS III	13	EA TON	ADJUSTMENT OF DROP INLETS
460	LF	24" RC PIPE CULVERTS, CLASS III	5 20	TON	RIP RAP, CLASS I RIP RAP, CLASS B
1	EA	**" PIPE END SECTION (15")	275	SY	GEOTEXTILE FOR DRAINAGE
660	LF	PIPE REMOVAL	559	SF	CONTRACTOR FURNISHED, TYPE *** SIGN
1	EA	PIPE CLEAN OUT	69	SF	(E) CONTRACTOR FURNISHED, TYPE *** SIGN
Lump Sum	LS	FINE GRADING	0)	51	(F)
2,825	CY	SHALLOW UNDERCUT	1,436	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
11,050	TON	CLASS IV SUBGRADE STABILIZATION	108	EA	SIGN ERECTION, TYPE E
250	TON	STABILIZER AGGREGATE	6	EA	SIGN ERECTION, TYPE F
20,725	SY TON	GEOTEXTILE FOR SUBGRADE STABILIZATION INCIDENTAL STONE BASE	22	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)
1,130	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH	7	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,130	31	(1-1/2")	594	SF	WORK ZONE SIGNS (STATIONARY)
520	SY	INCIDENTAL MILLING	64	SF	WORK ZONE SIGNS (PORTABLE)
7,000	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	193	SF	WORK ZONE SIGNS (BARRICADE
5,730	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	6	EA	MOUNTED) FLASHING ARROW BOARD
5,630	TON	ASPHALT CONC SURFACE COURSE, TYPE	6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
925	TON	S9.5C ASPHALT BINDER FOR PLANT MIX	263	EA	DRUMS
115	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	220	LF	BARRICADES (TYPE III)
610	SY	GENERIC PAVING ITEM	50	DAY	FLAGGER
		12" CONCRETE TRUCK APRON, CLASS AA	160	HR	LAW ENFORCEMENT
13	EA	CONCRETE RIGHT-OF-WAY MARKERS	192	EA	SKINNY DRUM
303	CY	SUBDRAIN EXCAVATION	16,155	LF	THERMOPLASTIC PAVEMENT MARKING
903	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	46	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
152	CY	SUBDRAIN COARSE AGGREGATE	40	LF	LINES (6", 90 MILS)
903	LF	6" PERFORATED SUBDRAIN PIPE	1,943	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
4	EA	SUBDRAIN PIPE OUTLET	326	LF	THERMOPLASTIC PAVEMENT MARKING
24	LF	6" OUTLET PIPE	2 007	LE	LINES (12", 90 MILS)
8	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	3,007 72	LF EA	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
2	CY	ENDWALLS	12	ĿА	SYMBOL (90 MILS)
31	EA	MASONRY DRAINAGE STRUCTURES	9,461	LF	PAINT PAVEMENT MARKING LINES (4")
20	LF	MASONRY DRAINAGE STRUCTURES	34	LF	PAINT PAVEMENT MARKING LINES (24")
1	EA	FRAME WITH TWO GRATES, STD 840.16	4	EA	PAINT PAVEMENT MARKING CHARACTER
21	EA	FRAME WITH TWO GRATES, STD 840.29	5	EA	PAINT PAVEMENT MARKING SYMBOL

100	LF	GENERIC PAVEMENT MARKING ITEM YIELD LINE THERMOPLASTIC MARKING,
107	EA	(24", 90 MILS) GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS
235	LB	DUCTILE IRON WATER PIPE FITTINGS
3	EA	RELOCATE WATER METER
1	EA	RELOCATE FIRE HYDRANT
18	LF	FIRE HYDRANT LEG
143	LF	WATER SERVICE LINE
1,473	LF	8" SANITARY GRAVITY SEWER
85	LB	DUCTILE IRON SEWER PIPE FITTINGS
5	EA	4' DIA UTILITY MANHOLE
26	LF	UTILITY MANHOLE WALL 4' DIA
1,425	LF	ABANDON 8" UTILITY PIPE
3	EA	REMOVE WATER METER
5	EA	REMOVE UTILITY MANHOLE
145	LF	16" ENCASEMENT PIPE
180	LF	GENERIC UTILITY ITEM 2" PVC CONDUIT
9,800	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
60	TON	STONE FOR EROSION CONTROL, CLASS B
420	TON	SEDIMENT CONTROL STONE
13	ACR	TEMPORARY MULCHING
900	LB	SEED FOR TEMPORARY SEEDING
5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
60	LF	SAFETY FENCE
270	CY	SILT EXCAVATION
1,950	SY	MATTING FOR EROSION CONTROL
1,660	LF	1/4" HARDWARE CLOTH
30	LB	FLOCCULANT
60	LF	COIR FIBER WATTLE
12	ACR	SEEDING & MULCHING
9	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
275 8.25	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
1	EA	CONCRETE WASHOUT STRUCTURE
321	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION
107	EA	CLEANOUT GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2
3	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT
70	SY	GENERIC EROSION CONTROL ITEM PERMANENT SOIL REINFORCEMENT MAT, TYPE 2
20	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
4,325	LF	SIGNAL CABLE
20	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
2,316	LF	TRACER WIRE
100	LF	PAVED TRENCHING (********)
225	LF	(2, 2") UNPAVED TRENCHING (********)
2,695	LF	(2, 2") DIRECTIONAL DRILL (********) (2, 2")
3	EA	JUNCTION BOX (***************) (SPECIAL OVER-SIZED, HEAVY DUTY)
10	EA	JUNCTION BOX (STANDARD SIZE)
15	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
2,060	LF	LEAD-IN CABLE (14-2)
2,120	LF	COMMUNICATIONS CABLE (** FIBER) (24")
1,740	LF	DROP CABLE
3	EA	SPLICE ENCLOSURE

6	EA	INTERCONNECT CENTER
10	EA	DELINEATOR MARKER
8	EA	METAL POLE WITH SINGLE MAST ARM
8	EA	SOIL TEST
44	CY	DRILLED PIER FOUNDATION
8	EA	MAST ARM WITH METAL POLE DESIGN
8	EA	SIGN FOR SIGNALS
17	EA	TYPE II PEDESTAL WITH FOUNDATION
5	EA	SIGNAL CABINET FOUNDATION
1	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
5	EA	CONTROLLERS WITH CABINET (*************************) (2070LX, BASE MOUNTED)
5	EA	CABINET BASE EXTENDER
4	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
6	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
3	EA	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES

L250819

008

0.330 MI

CONTRACT ID: C204977 15BPR.119.3 DIV OFFICE SHELBY LENGTH =

COUNTY : CATAWBA, ALEXANDER

GENERIC STRUCTURE ITEM

GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK

GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK

GENERIC STRUCTURE ITEM OVERHANG DIAPHRAGM REMOVAL

PLACING & FINISHING POLYMER CONCRETE OVERLAY

3,694.7 SY

3,694.7 SY

24 EA

7,219.8

BRIDGE REHABILITATION.

DBE GOAL 1.00% COMPLETION DATE: OCT 15, 2026

\*\*\*\*\*\* BEGIN SCHEDULE AA\*\*\*\*\* \*\*\*\*\*\* (2 ALTERNATES) \*\*\*\*\*\*

#### E THE CATAWBA RIVER ON NC-16.

BRIDGE	E #1700	091 OVER THE CATAWBA RIVER ON NC-1	27 AND BRIDGE	#170	139 OVER THE CATAWBA RIVER
		ROADWAY ITEMS			
Lump Sum	LS	MOBILIZATION			****** BEGIN SCHEDULE AA***
96	SF	WORK ZONE SIGNS (STATIONARY)			****** (2 ALTERNATES ) ****
192	SF	WORK ZONE SIGNS (PORTABLE)	129.2	CY	GENERIC STRUCTURE ITEM
40	EA	DRUMS			POLYESTER POLYMER CONCRETE MATERIALS
120	DAY	FLAGGER			*** OR ***
40	EA	SKINNY DRUM	129.2	CY	GENERIC STRUCTURE ITEM EPOXY POLYMER CONCRETE MATERIALS
7,200	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)			*** END SCHEDULE AA***
7,012	LF	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES (4", 90 MILS)			
22	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
		STRUCTURE ITEMS			
30,571.5	SF	GROOVING BRIDGE FLOORS			
17.6	SY	CLASS II, SURFACE PREPARATION			
2.5	CF	CONCRETE REPAIRS			
249.8	CF	SHOTCRETE REPAIRS			
Lump Sum	LS	GENERIC STRUCTURE ITEM BOATER SAFETY PLAN			
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINT CONTAINMENT FOR BRIDGE #170091			
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL			
Lump Sum	LS	GENERIC STRUCTURE ITEM SPOT PAINTING OF STEEL STRUCTURE REPAIR AREAS			
308	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION			
68	LF	GENERIC STRUCTURE ITEM MOLDED RUBBER SEGMENTAL EXPANSION JOINT			
170	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT			
78.3	LB	GENERIC STRUCTURE ITEM BEAM REPAIR PLATING			
3.1	SF	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR BRIDGE DECK CRACK SEALING			
2,701.4	SF	GENERIC STRUCTURE ITEM EPOXY COATING			
897	SF	GENERIC STRUCTURE ITEM EPOXY COATING CONCRETE GIRDER ENDS			
11,497.2	SF	GENERIC STRUCTURE ITEM SILANE BARRIER RAIL TREATMENT			
3,745	SF	GENERIC STRUCTURE ITEM SILANE SUBSTRUCTURE TREATMENT			
11,497.2	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE BARRIER RAIL			
3,745	SF	GENERIC STRUCTURE ITEM SURFACE PREPARATION FOR CONCRETE SUBSTRUCTURE			
3,525.1	SY	GENERIC STRUCTURE ITEM CONCRETE BRIDGE DECK CRACK SEALING			
17.6	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY			
2 604 7	CV	CENEDIC CTRUCTURE ITEM			

L250819

009

CONTRACT ID: C204956 34544.3.3 DIV OFFICE ASHEVILLE LENGTH = 0.587 MI

COUNTY : BURKE, CALDWELL

DRAINAGE, GRADING, PAVING, AND STRUCTURES.

DBE GOAL 1.00% COMPLETION DATE: MAR 30, 2029

#### BRIDGE #110010 OVER CATAWBA RIVER ON SR-1001 (CONNELLY SPRINGS RD).

		ROADWAY ITEMS	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS LS	MOBILIZATION  CONSTRUCTION SURVEYING	2	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03,
Lump Sum	LS	CONSTRUCTION SURVEYING GENERIC MISCELLANEOUS ITEM			TYPE ** (F)
22,500	CY	UNCLASSIFIED EXCAVATION	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
450	CY	UNDERCUT EXCAVATION		E.4	(G)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	1	EA EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	GRADING	1	EA	GENERIC DRAINAGE ITEM FRAME WITH COVER, STD 840.55
440	CY	DRAINAGE DITCH EXCAVATION	60	LF	**" X **" CONCRETE CURB
400	CY	SELECT GRANULAR MATERIAL	140	LF	(8" X 12") 1'-6" CONCRETE CURB & GUTTER
400	SY	GEOTEXTILE FOR SOIL STABILIZATION	930	LF	2'-6" CONCRETE CURB & GUTTER
288	SF	TEMPORARY SHORING	20	LF	SHOULDER BERM GUTTER
Lump Sum	LS	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION	150	SY	GENERIC PAVING ITEM 6" CONCRETE SIDEWALK
130	TON	34+52.50 -L- FOUNDATION CONDITIONING MATERIAL,	2,025	LF	STEEL BEAM GUARDRAIL
		MINOR STRUCTURES	50	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
390	SY	FOUNDATION CONDITIONING GEOTEXTILE	10	EA	ADDITIONAL GUARDRAIL POSTS
144	LF	15" DRAINAGE PIPE	1	EA	GUARDRAIL END UNITS, TYPE AT-1
60	LF	18" DRAINAGE PIPE	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
272	LF	15" RC PIPE CULVERTS, CLASS III	4	EA	GUARDRAIL END UNITS, TYPE TL-3
76	LF	24" RC PIPE CULVERTS, CLASS III	1,000	LF	REMOVE EXISTING GUARDRAIL
44	LF	****" RC PIPE CULVERTS, CLASS IV (12")	15	TON	RIP RAP, CLASS I
296	LF	15" RC PIPE CULVERTS, CLASS IV	443	TON	RIP RAP, CLASS B
224	LF	18" RC PIPE CULVERTS, CLASS IV	4,365	SY	GEOTEXTILE FOR DRAINAGE
40	LF	24" CS PIPE CULVERTS, 0.064" THICK	255	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	**" CS PIPE ELBOWS, *****" THICK	4	EA	SIGN ERECTION, TYPE D
134	LF	(24", 0.064") PIPE REMOVAL	8	EA	SIGN ERECTION, TYPE E
100	CY	SHALLOW UNDERCUT	3	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
200	TON	CLASS IV SUBGRADE STABILIZATION			(D)
300	SY	GEOTEXTILE FOR SUBGRADE	10	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
200		STABILIZATION	4	EA	DISPOSAL OF SUPPORT, U-CHANNEL
1,600	TON	AGGREGATE BASE COURSE	1	EA	DISPOSAL OF SIGN, D, E OR F
100	TON	INCIDENTAL STONE BASE	138	SF	WORK ZONE SIGNS (STATIONARY)
330	GAL	PRIME COAT	316	SF	WORK ZONE SIGNS (PORTABLE)
530	SY	INCIDENTAL MILLING	72	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,630 1,490	TON TON	ASPHALT CONC BASE COURSE, TYPE B25.0C  ASPHALT CONC INTERMEDIATE COURSE,	28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
1,700	TON	TYPE I19.0C ASPHALT CONC SURFACE COURSE, TYPE	1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
		S9.5B	92	EA	DRUMS
260	TON	ASPHALT BINDER FOR PLANT MIX	33	EA	CONES
40	EA	RIGHT-OF-WAY MARKERS	168	LF	BARRICADES (TYPE III)
44.8	CY	SUBDRAIN EXCAVATION	66	DAY	FLAGGER
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	4	EA	TEMPORARY CRASH CUSHIONS
33.6	CY	SUBDRAIN COARSE AGGREGATE	1	EA	REMOVE & RESET TEMPORARY CRASH CUSHION
200	LF EA	6" PERFORATED SUBDRAIN PIPE	819	LF	PORTABLE CONCRETE BARRIER
1	LF	SUBDRAIN PIPE OUTLET 6" OUTLET PIPE	320	LF	REMOVE AND RESET PORTABLE CONCRETE
	CY				BARRIER
0.362	CY	PIPE PLUGS FLOWABLE FILL	4	HR	LAW ENFORCEMENT
15	EA	MASONRY DRAINAGE STRUCTURES	6	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY RIVER TRAFFIC WARNING
2.6	EA LF		0.000	1.5	SIGNS
2.6	EA	MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD 840.16	9,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
3	EA EA	FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22	40	LE	(IV)
6	EA	FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.29	40	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24")
0	-// 1	The same of the sa			(IV)

34,202	LF	PAINT PAVEMENT MARKING LINES (4")
110	LF	PAINT PAVEMENT MARKING LINES (8")
12,057	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (4", 20 MILS)
994	LF	REMOVAL OF PAVEMENT MARKING LINES
110	LF	(4") REMOVAL OF PAVEMENT MARKING LINES
40	LF	(8") REMOVAL OF PAVEMENT MARKING LINES
47	EA	(24") GENERIC PAVEMENT MARKING ITEM
		INLAID CRADLE MARKERS PORTABLE LIGHTING
Lump Sum 4,160	LS LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
670	TON	STONE FOR EROSION CONTROL, CLASS B
1,245	TON	SEDIMENT CONTROL STONE
13	ACR	TEMPORARY MULCHING
900	LB	SEED FOR TEMPORARY SEEDING
5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
460 1,920	LF CY	SAFETY FENCE SILT EXCAVATION
7,000	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
570	LF	1/4" HARDWARE CLOTH
100	SY	LOW PERMEABILITY GEOTEXTILE
42	EA	SPECIAL STILLING BASINS
60	LB	FLOCCULANT
90	LF	WATTLE
2,015	LF	WATTLE BARRIER
265 1	LF EA	COIR FIBER BAFFLE  **" SKIMMER
1	EA	(1-1/2")
1	EA	**" SKIMMER (2")
12	ACR	SEEDING & MULCHING
9	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
275 8	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
1	EA	CONCRETE WASHOUT STRUCTURE
0.22	ACR	REFORESTATION
6	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE ITEMS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
Lump Sum	LS	(34+52.50 -L-) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	ASBESTOS ASSESSMENT
1,462.6	LF	**'-**" DIA DRILLED PIERS (6'-0")
1,119.6	LF	PERMANENT STEEL CASING FOR **'-**" DIA DRILLED PIER (6-0")
21	EA	SID INSPECTIONS
21	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** (34+52.50 -L-)
57,591	SF	REINFORCED CONCRETE DECK SLAB
49,446	SF	GROOVING BRIDGE FLOORS
900.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
401,365	LB	(34+52.50 -L-) REINFORCING STEEL (BRIDGE)

75,172	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
26	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 14 X 73)
1,235	LF	HP 14 X 73 STEEL PILES
13	EA	STEEL PILE POINTS
1	EA	DYNAMIC PILE TESTING
2,134.17	LF	TWO BAR METAL RAIL
33.5	LF	***** GALVANIZED STEEL PIPE RAIL (44")
1,125	LF	VERTICAL CONCRETE BARRIER RAIL
2,165	LF	1'-**" X *****" CONCRETE PARAPET (1'-2" X 2'-6")
517	TON	RIP RAP CLASS II (2'-0" THICK)
571	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS
6,432.02	LF	GENERIC STRUCTURE ITEM MODIFIED 74" PRESTRESSED CONCRETE GIRDERS
68	LF	GENERIC STRUCTURE ITEM VERTICAL CONCRETE BARRIER RAIL WITH MOMENT SLAB
21	EA	GENERIC STRUCTURE ITEM THERMAL INTEGRITY PROFILER

L250819

LENGTH = 1.454 MI

COUNTY : HENDERSON

CONTRACT ID: C205121 18314.1045035

GRADING, DRAINAGE, PAVING, AND RETAINING WALLS.

DIV OFFICE SYLVA

DBE GOAL 4.00% COMPLETION DATE: FEB 28, 2028

#### NC-9 FROM 2700' NORTH OF THE US 74A / NC-9 INTERSECTION TO THE BUNCOMBE COUNTY LINE.

		ROADWAY ITEMS	56	LF	**" WELDED STEEL PIPE, ****" THICK, GRADE B NOT IN SOIL
Lump Sum	LS	MOBILIZATION	52	LF	(36", 0.500") **" WELDED STEEL PIPE, ****" THICK.
Lump Sum	LS	CONSTRUCTION SURVEYING	32	LF	GRADE B NOT IN SOIL
Lump Sum	LS	GRADING	40	LF	(54", 0.750") **" WELDED STEEL PIPE. ****" THICK.
6	ACR	SUPPLEMENTARY CLEARING & GRUBBING	40	LI	GRADE B NOT IN SOIL
2,550	CY	UNDERCUT EXCAVATION	707	LF	(60", 0.875") PIPE REMOVAL
920	CY	DRAINAGE DITCH EXCAVATION	85	TON	#57 STONE
1,200	CY	SELECT GRANULAR MATERIAL	600	CY	SHALLOW UNDERCUT
2,400	SY	GEOTEXTILE FOR SOIL STABILIZATION	1,200	TON	CLASS IV SUBGRADE STABILIZATION
4,000	TON	ROCK EMBANKMENTS	1,800	SY	GEOTEXTILE FOR SUBGRADE
900	SY	GEOTEXTILE FOR ROCK EMBANKMENTS	1,000		STABILIZATION
3,995	SY	ROCK PLATING	4,700	TON	AGGREGATE BASE COURSE
350	CY	GENERIC GRADING ITEM GROUT FOR DITCHES	125	TON	INCIDENTAL STONE BASE
450	CY	GENERIC GRADING ITEM	340	SY	INCIDENTAL MILLING
6,595	SY	GROUT FOR ROCK FILL GENERIC GRADING ITEM	470	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
0,075		COMPOST BLANKET FOR GEOCELLS	2,690	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
6,595	SY	GENERIC GRADING ITEM GEOCELLS	2,050	TON	ASPHALT CONC SURFACE COURSE, TYPE
75	TON	GENERIC GRADING ITEM ABC STONE	300	TON	S9.5B ASPHALT BINDER FOR PLANT MIX
190	TON	FOUNDATION CONDITIONING MATERIAL,	425	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
		MINOR STRUCTURES	268.8	CY	SUBDRAIN EXCAVATION
610	SY	FOUNDATION CONDITIONING GEOTEXTILE	1,200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
236	LF	15" DRAINAGE PIPE	201.6	CY	SUBDRAIN COARSE AGGREGATE
4	LF	18" DRAINAGE PIPE	1,200	LF	6" PERFORATED SUBDRAIN PIPE
32	LF	24" DRAINAGE PIPE	6	EA	SUBDRAIN PIPE OUTLET
196	LF	30" DRAINAGE PIPE	36	LF	6" OUTLET PIPE
92	LF	36" DRAINAGE PIPE	8.3	CY	ENDWALLS
2	EA	**" DRAINAGE PIPE ELBOWS (15")	11.5	CY	REINFORCED ENDWALLS
2	EA	**" DRAINAGE PIPE ELBOWS	11	EA	MASONRY DRAINAGE STRUCTURES
68	LF	(30") 15" RC PIPE CULVERTS, CLASS III	2.4	LF	MASONRY DRAINAGE STRUCTURES
76	LF	36" RC PIPE CULVERTS, CLASS III	10	EA	FRAME WITH TWO GRATES, STD 840.24
104	LF	**" CS PIPE CULVERTS, *****" THICK	1	EA	FRAME WITH TWO GRATES, STD 840.29
		(36", 0.079")	600	LF	SHOULDER BERM GUTTER
96	LF	**" CS PIPE CULVERTS, *****" THICK (48", 0.109")	852	SY	4" CONCRETE ISLAND COVER
304	LF	18" CS PIPE CULVERTS, 0.064" THICK	2,262.5	LF	STEEL BEAM GUARDRAIL
148	LF	24" CS PIPE CULVERTS, 0.064" THICK	225	LF	STEEL BEAM GUARDRAIL, SHOP CURVED
252	LF	30" CS PIPE CULVERTS, 0.079" THICK	10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	**" CS PIPE ELBOWS, *****" THICK (18")	3	EA	GUARDRAIL ANCHOR UNITS, TYPE ****** (B-77, SHOP CURVED)
2	EA	**" CS PIPE ELBOWS, *****" THICK	6	EA	GUARDRAIL END UNITS, TYPE AT-1
2	Ε.	(24")	5	EA	GUARDRAIL END UNITS, TYPE CAT-1
2	EA	**" CS PIPE ELBOWS, *****" THICK (30")	5	EA	GUARDRAIL END UNITS, TYPE TL-3
2	EA	**" CS PIPE ELBOWS, *****" THICK (36")	11	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
2	EA	**" CS PIPE ELBOWS, *****" THICK	2,550	LF	REMOVE EXISTING GUARDRAIL
46	LF	(48") *** WELDED STEEL PIPE, ***** THICK,	120	LF	CHAIN LINK FENCE, **" FABRIC, GUARDRAIL MOUNTED
		GRADE B IN SOIL (24", 0.500")	886	LF	(60") CHAIN LINK FENCE, **" FABRIC
56	LF	**" WELDED STEEL PIPE, ****" THICK, GRADE B IN SOIL	85	EA	(60") METAL LINE POSTS FOR **" CHAIN LINK
52	LF	(36", 0.500") **" WELDED STEEL PIPE, ****" THICK,	83	EA	FENCE (60")
		GRADE B IN SOIL (54", 0.750")	18	EA	METAL TERMINAL POSTS FOR **" CHAIN LINK FENCE
40	LF	**" WELDED STEEL PIPE, ****" THICK, GRADE B IN SOIL	615	TON	(60") RIP RAP, CLASS I
	1.5	(60", 0.875")	255	TON	RIP RAP, CLASS II
46	LF	**" WELDED STEEL PIPE, ****" THICK, GRADE B NOT IN SOIL	730	TON	RIP RAP, CLASS II
		(24", 0.500")	730	1011	an an Chinon

1,313	TON	RIP RAP, CLASS B
65	TON	BOULDERS
5,695	SY	GEOTEXTILE FOR DRAINAGE
525.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
1,000	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
126	EA	SIGN ERECTION, TYPE E
17	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1,224	SF	WORK ZONE SIGNS (PORTABLE)
25	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
155	EA	DRUMS
155	EA	CONES
16	LF	BARRICADES (TYPE III)
600	DAY	FLAGGER
1,250	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
155	EA	SKINNY DRUM
155	EA	TEMPORARY RAISED PAVEMENT MARKERS
28,325	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
15	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
560	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
18	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)
61,416	LF	PAINT PAVEMENT MARKING LINES (4")
480	LF	PAINT PAVEMENT MARKING LINES (24")
145	EA	GENERIC PAVEMENT MARKING ITEM INLAID RAISED PAVEMENT MARKERS
8,460	LF	TEMPORARY SILT FENCE
375	TON	STONE FOR EROSION CONTROL, CLASS A
3,900	TON	STONE FOR EROSION CONTROL, CLASS B
1,215	TON	SEDIMENT CONTROL STONE
1 200	ACR	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
1,200	LB TON	FERTILIZER FOR TEMPORARY SEEDING
490.02	LF	TEMPORARY SLOPE DRAINS
2,659.98	LF	SAFETY FENCE
5,020.02	CY	SILT EXCAVATION
42,000	SY	MATTING FOR EROSION CONTROL
100.02	SY	COIR FIBER MAT
625.02	LF	1/4" HARDWARE CLOTH
480	SY	FLOATING TURBIDITY CURTAIN
6	EA	SPECIAL STILLING BASINS
874.98	LB	FLOCCULANT
270	LF	COIR FIBER WATTLE
1,300.02	LF	COIR FIBER WATTLE BARRIER
40.02	LF	COIR FIBER BAFFLE
18	ACR	SEEDING & MULCHING
12	ACR	MOWING
199.98	LB	SEED FOR REPAIR SEEDING
0.4	TON	FERTILIZER FOR REPAIR SEEDING
333.35	LB	SEED FOR SUPPLEMENTAL SEEDING
12	TON	FERTILIZER TOPDRESSING
369	LF	IMPERVIOUS DIKE
10.02	MHR	SPECIALIZED HAND MOWING
7.02	MHR	MANUAL LITTER REMOVAL
1.98	TON EA	LITTER DISPOSAL RESPONSE FOR EROSION CONTROL
25	EA EA	CONCRETE WASHOUT STRUCTURE
0.12	ACR	REFORESTATION
24	EA	GENERIC EROSION CONTROL ITEM
27		FABRIC INSERT INLET PROTECTION CLEANOUT
8	EA	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1
6	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT

GENERIC EROSION CONTROL ITEM PERMANENT SOIL REINFORCEMENT MAT, TYPE 1 100.02 SY

WALL ITEMS

7,717 SF SOIL NAIL RETAINING WALLS

EA SOIL NAIL VERIFICATION TESTS 7

SOIL NAIL PROOF TESTS 20 EA