

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

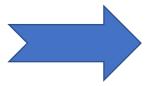
ROY COOPER GOVERNOR

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,

DocuSianed by:

Lamar Sylvester Lanfiai Syfwester, 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 DECEMBER 16, 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 NOVEMBER 18, 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	W. Matthew Clarke	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	Felix Obregon	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 Number: L251216

RPN Contract I	d WBS	County	Length	Job Type
001 C205090	15BPR.143.3	WILSON	0.120 MI	BRIDGE PRESERVATION.
002 C205038	49367.3.9	WAKE	0.836 MI	GRADING, DRAINAGE, PAVING, AND SIGNALS.
003 C205018	46860.3.1	ROCKINGHAM	0.514 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
004 C205071	67155.3.1	ROCKINGHAM	0.180 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
005 C205149	2026CPT.10.07.10601	MECKLENBURG	7.800 MI	MILLING AND RESURFACING.
006 C205010	15BPR.149.3	WILKES	0.103 MI	BRIDGE PRESERVATION.
007 C205120	53037.3.3	MADISON	8.320 MI	PAVEMENT REHABILITATION.

L251216

COUNTY : WILSON

BRIDGE PRESERVATION.

DBE GOAL COMPLETION DATE: NOV 15, 2026

BRIDGE #970068 OVER US-301 ON NC-42.

		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
610.8	SY	INCIDENTAL MILLING
60	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
5	TON	ASPHALT BINDER FOR PLANT MIX
875	LF	STEEL BEAM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ****** (III, MODIFIED)
4	EA	GUARDRAIL END UNITS, TYPE TL-3
875	LF	REMOVE EXISTING GUARDRAIL
661	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
194	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
5	EA	PORTABLE CHANGEABLE MESSAGE SIGN
180	EA	DRUMS
160	LF	BARRICADES (TYPE III)
2	EA	TMA
7,081	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)
7,081	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
7,360	LF	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES, (6", 90 MILS)
1	EA	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING SYMBOLS, (90 MILS)
25	EA	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS
		STRUCTURE ITEMS
4,792.2	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	POLLUTION CONTROL
36.4	CY	LATEX MODIFIED CONC OVERLAY
597.6	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
7.1	CF	SHOTCRETE REPAIRS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #970068
Lump Sum	LS	GENERIC STRUCTURE ITEM CURTAIN WALL REHABILITATION
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #970068
Lump Sum	LS	GENERIC STRUCTURE ITEM REPAIRS TO DAMAGED STEEL OF BRIDGE #970068
100	LF	GENERIC STRUCTURE ITEM POURABLE SILICONE JOINT SEALANT
21	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
82.8	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
352	SF	GENERIC STRUCTURE ITEM EPOXY COATING
597.6	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
597.6	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
32	EA	GENERIC STRUCTURE ITEM ELASTOMERIC BEARING
32	EA	GENERIC STRUCTURE ITEM STUB COLUMN
4	EA	GENERIC STRUCTURE ITEM TYPE II BRIDGE JACKING BRIDGE #970068

L251216

002

CONTRACT ID: C205038 49367.3.9 DIV OFFICE DURHAM LENGTH = 0.836 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND SIGNALS.

DBE GOAL COMPLETION DATE: APR 12, 2028

INTERSECTION OF SR-1006 (OLD STAGE RD) AND SR-2736 (ROCK SERVICE STATION RD).

		D.C. I. D.W. I. W.	0	EA	ED AME WITH TWO CD ATEC CTD 940 20
		ROADWAY ITEMS	9	EA	FRAME WITH CRATE & HOOD STD 840.02
Lump Sum	LS	MOBILIZATION	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
Lump Sum	LS	CONSTRUCTION SURVEYING	18	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03,
Lump Sum	LS	GRADING	10	Lit	TYPE **
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	18	EA	(F) FRAME WITH GRATE & HOOD, STD 840.03,
900	CY	UNDERCUT EXCAVATION	10	Lit	TYPE **
30	CY	DRAINAGE DITCH EXCAVATION	1	EA	(G) FRAME WITH COVER, STD 840.54
10	HR	PROOF ROLLING	9	EA	CONCRETE TRANSITIONAL SECTION FOR
800	CY	SELECT GRANULAR MATERIAL			DROP INLET
800	SY	GEOTEXTILE FOR SOIL STABILIZATION	170	LF	**" X **" CONCRETE CURB (8" X 18")
700	SY	ROCK PLATING	5,300	LF	1'-6" CONCRETE CURB & GUTTER
50	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM	6,990	LF	2'-6" CONCRETE CURB & GUTTER
790	TON	CONTAMINATED SOIL	2,500	SY	6" CONCRETE DRIVEWAY
780	ION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	540	SY	5" MONOLITHIC CONCRETE ISLANDS
2,440	SY	FOUNDATION CONDITIONING GEOTEXTILE	525	LF	(KEYED IN) STEEL BEAM GUARDRAIL
20	LF	12" DRAINAGE PIPE	41	LF	STEEL BEAM GUARDRAIL. SHOP CURVED
428	LF	15" DRAINAGE PIPE	5	EA	ADDITIONAL GUARDRAIL POSTS
712	LF	15" RC PIPE CULVERTS, CLASS III	3	EA	GUARDRAIL END UNITS, TYPE CAT-1
456	LF	18" RC PIPE CULVERTS, CLASS III	2	EA	GUARDRAIL END UNITS, TYPE TL-3
132	LF	24" RC PIPE CULVERTS, CLASS III	1	EA	GUARDRAIL END UNITS, TYPE TL-2
3,912	LF	15" RC PIPE CULVERTS, CLASS IV	10	TON	RIP RAP, CLASS I
652	LF	18" RC PIPE CULVERTS, CLASS IV	85	TON	RIP RAP, CLASS B
752	LF	24" RC PIPE CULVERTS, CLASS IV	745	SY	GEOTEXTILE FOR DRAINAGE
252	LF	30" RC PIPE CULVERTS, CLASS IV	204.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN
1,890	LF	PIPE REMOVAL			(E)
1	EA	PIPE CLEAN OUT	479	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
100	CY	SHALLOW UNDERCUT	32	EA	SIGN ERECTION, TYPE E
200	TON	CLASS IV SUBGRADE STABILIZATION	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
200	TON	CLASS IV AGGREGATE STABILIZATION		Е.	(D)
300	SY	GEOTEXTILE FOR SUBGRADE STABILIZATION	1	EA	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED)
260	TON	AGGREGATE BASE COURSE	16	EA	(E) DISPOSAL OF SIGN SYSTEM, U-CHANNEL
50	TON	INCIDENTAL STONE BASE	1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
1,750	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"	224	SF	WORK ZONE SIGNS (STATIONARY)
		(0" TO 3")	128	SF	WORK ZONE SIGNS (PORTABLE)
1,410	SY	INCIDENTAL MILLING	54	SF	WORK ZONE SIGNS (BARRICADE
8,430	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			MOUNTED)
5,780	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	2	EA	FLASHING ARROW BOARD
5,570	TON	ASPHALT CONC SURFACE COURSE, TYPE	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
1,020	TON	S9.5B ASPHALT BINDER FOR PLANT MIX	400	EA LF	DRUMS
241	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	50	DAY	BARRICADES (TYPE III) FLAGGER
33	EA	RIGHT-OF-WAY MARKERS	270 2	EA	TMA
4	EA	CONTROL-OF-ACCESS MARKERS	220	HR	LAW ENFORCEMENT
100.8	CY	SUBDRAIN EXCAVATION	125	EA	TEMPORARY RAISED PAVEMENT MARKERS
300	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	12,640	LF	THERMOPLASTIC PAVEMENT MARKING
50.4	CY	SUBDRAIN COARSE AGGREGATE	12,040		LINES (4", 90 MILS)
300	LF	6" PERFORATED SUBDRAIN PIPE	365	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1	EA	SUBDRAIN PIPE OUTLET	180	LF	THERMOPLASTIC PAVEMENT MARKING
6	LF	6" OUTLET PIPE	215	LF	LINES (12", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
60	EA	MASONRY DRAINAGE STRUCTURES	215	LF	LINES (24", 90 MILS)
30.7	LF	MASONRY DRAINAGE STRUCTURES	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)
3	EA	FRAME WITH TWO GRATES, STD 840.16	30	EA	THERMOPLASTIC PAVEMENT MARKING
1	EA	FRAME WITH TWO GRATES, STD 840.24	46.500	T P	SYMBOL (90 MILS)
			46,520	LF	PAINT PAVEMENT MARKING LINES (4")

625	LF	PAINT PAVEMENT MARKING LINES (8")
150	LF	PAINT PAVEMENT MARKING LINES (24")
20	EA	PAINT PAVEMENT MARKING SYMBOL
14,738	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
300	LF	REMOVAL OF PAVEMENT MARKING LINES
80	LF	(8") REMOVAL OF PAVEMENT MARKING LINES
195	EA	(24") GENERIC PAVEMENT MARKING ITEM
1	EA	POLYCARBONATE H-SHAPED MARKERS OBJECT MARKERS (TYPE **)
Lump Sum	LS	(1) GENERIC UTILITY ITEM
8,235	LF	RELOCATE PRIVATE WATERLINE TEMPORARY SILT FENCE
385	TON	STONE FOR EROSION CONTROL, CLASS A
645	TON	STONE FOR EROSION CONTROL, CLASS B
1,055	TON	SEDIMENT CONTROL STONE
11	ACR	TEMPORARY MULCHING
600	LB	SEED FOR TEMPORARY SEEDING
3	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
260	LF	SAFETY FENCE
1,220	CY	SILT EXCAVATION
13,300	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
4,000	LF	1/4" HARDWARE CLOTH
80	LB	FLOCCULANT
180	LF	COIR FIBER WATTLE
9	ACR	SEEDING & MULCHING
9	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
200	LB	SEED FOR SUPPLEMENTAL SEEDING
5.75	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
75	EA	RESPONSE FOR EROSION CONTROL
75 1	EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE
75 1 0.1	EA EA ACR	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION
75 1 0.1 6	EA EA ACR EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT
75 1 0.1 6 3,300	EA EA ACR EA LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE
75 1 0.1 6 3,300	EA EA ACR EA LF EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION)
75 1 0.1 6 3,300 16	EA EA ACR EA LF EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION)
75 1 0.1 6 3,300 16 11	EA EA ACR EA LF EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION)
75 1 0.1 6 3,300 16 11 1 4,300	EA EA ACR EA LF EA EA LA EA EA LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4")
75 1 0.1 6 3,300 16 11 1 4,300 900	EA EA ACR EA LF EA EA LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8")
75 1 0.1 6 3,300 16 11 1 4,300 900 330	EA EA ACR EA LF EA EA LF LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25	EA EA ACR EA LF EA EA LF LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (************************************
75 1 0.1 6 3,300 16 11 1 4,300 900 330	EA EA ACR EA LF EA EA LF LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (************************************
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25	EA EA ACR EA LF EA EA LF LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) VEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (*************) (2, 2") UNPAVED TRENCHING (************************************
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25	EA EA ACR EA LF EA EA LF LF LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**************) (2, 2") UNPAVED TRENCHING (************************************
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330	EA EA ACR EA LF EA EA LF LF LF LF LF LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (*************) (2, 2") UNPAVED TRENCHING (*************) (2, 2") DIRECTIONAL DRILL (***********************************
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4	EA EA ACR EA LF EA EA LF LF LF LF LF LF LF EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING (**********) (2, 2") DIRECTIONAL DRILL (**********) JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20	EA EA ACR EA LF EA EA LF LF LF LF LF LF EA EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING (**********) (2, 2") JUNCTION ALD TRENCHING (***********) UNPAVED TRENCHING (*************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1	EA EA ACR EA LF EA EA LF LF LF LF LF LF EA EA EA EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING (**********) (2, 2") JUNCTION ALD TRENCHING (***********) UNPAVED TRENCHING (*************) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1	EA EA ACR EA LF EA EA LF LF LF LF LF LF EA EA EA EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") DIRECTIONAL DRILL (*********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4	EA EA ACR EA LF EA EA LF LF LF LF LF LF EA EA EA EA EA EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING (***********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300	EA EA ACR EA LF EA EA LF LF LF LF LF LF LF EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING (***********) (2, 2") JUNCTION ALD DRILL (***********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300 3,100	EA EA ACR EA LF EA EA LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WEHICLE SIGNAL HEAD (12", 5 SECTION) MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING (***********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (14-2)
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300 3,100 1	EA EA ACR EA LF EA EA LF	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING (**********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (14-2) SITE SURVEY
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300 3,100 1	EA EA ACR EA LF EA EA LF EA EA EA EA EA EA EA EA EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING (**********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (14-2) SITE SURVEY LUMINAIRE ARM FOR VIDEO SYSTEM
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300 3,100 1 4 4	EA EA ACR EA LF EA EA LF LF LF LF LF LF LF EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING (*********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (14-2) SITE SURVEY LUMINAIRE ARM FOR VIDEO SYSTEM CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300 3,100 1 4 4	EA EA ACR EA LF EA EA LF LF LF LF LF LF LF LF LF EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (***********) (2, 2") UNPAVED TRENCHING (***********) (2, 2") DIRECTIONAL DRILL (**********) JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (14-2) SITE SURVEY LUMINAIRE ARM FOR VIDEO SYSTEM CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT EXTERNAL LOOP EMULATOR PROCESSING UNIT
75 1 0.1 6 3,300 16 11 1 4,300 900 330 25 330 150 14 3 4 20 1 3 4 1,300 3,100 1 4 4	EA EA ACR EA LF EA EA LF LF LF LF LF LF LF EA	RESPONSE FOR EROSION CONTROL CONCRETE WASHOUT STRUCTURE REFORESTATION GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT SIGNAL CABLE VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD (12", 4 SECTION) WESSENGER CABLE (1/4") MESSENGER CABLE (1/4") MESSENGER CABLE (3/8") TRACER WIRE PAVED TRENCHING (**********) (2, 2") UNPAVED TRENCHING (**********) (2, 2") JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED, HEAVY DUTY) WOOD POLE GUY ASSEMBLY 1" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH WEATHERHEAD 2" RISER WITH HEAT SHRINK TUBING INDUCTIVE LOOP SAWCUT LEAD-IN CABLE (14-2) SITE SURVEY LUMINAIRE ARM FOR VIDEO SYSTEM CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT EXTERNAL LOOP EMULATOR PROCESSING

2	EA	SPLICE ENCLOSURE
1	EA	MODIFY SPLICE ENCLOSURE
2	EA	INTERCONNECT CENTER
3	EA	DELINEATOR MARKER
4	EA	METAL STRAIN SIGNAL POLE
1	EA	METAL POLE WITH SINGLE MAST ARM
5	EA	SOIL TEST
30	CY	DRILLED PIER FOUNDATION
1	EA	MAST ARM WITH METAL POLE DESIGN
8	EA	SIGN FOR SIGNALS
4	EA	TYPE II PEDESTAL WITH FOUNDATION
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLERS WITH CABINET
		(TYPE 2070LX BASE MOUNTED)
8	EA	DETECTOR CARD (TYPE 170)
2	EA	CABINET BASE EXTENDER
2	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH

CONTRACT ID: C205018 46860.3.1 DIV OFFICE GREENSBORO LENGTH = 0.514 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL COMPLETION DATE: APR 30, 2029

UPGRADE FUTURE I-73/US-220 AT US-311/NC-135 INTERCHANGE AND REPLACE BRIDGE #780074.

Lump Sum LS MOSTRUCTION SURVEYING 300 LF 6" PERFORATE Lump Sum LS CLEARING & GRUBBING ACRE(S) 1 EA SUBDRAIN PIPI 1 ACR SUPPLEMENTARY CLEARING & GRUBBING 6 LF 6" OUTLET PIPI 2 EA SEALING ABANDONED WELLS 2.086 CY ENDWALLS 5,200 CY UNCLASSIFIED EXCAVATION 10 CY REINFORCED E 4,250 CY UNDERCUT EXCAVATION 38.72 CY PIPE COLLARS 74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRAINAGE 1,030 SY REMOVAL OF EXISTING ASPHALT 14 CY MASONRY DRAINAGE 1,030 SY BREAKING OF EXISTING ASPHALT 2 EA FRAME WITH TOWARD TOW	FOR SUBSURFACE DRAINS
Lump Sum LS CONSTRUCTION SURVEYING 300 LF 6" PERFORATE Lump Sum LS CLEARING & GRUBBING ACRE(S) 1 EA SUBDRAIN PIPI 1 ACR SUPPLEMENTARY CLEARING & GRUBBING 6 LF 6" OUTLET PIPI 2 EA SEALING ABANDONED WELLS 2.086 CY ENDWALLS 5,200 CY UNCLASSIFIED EXCAVATION 10 CY REINFORCED E 4,250 CY UNDERCUT EXCAVATION 3.872 CY PIPE COLLARS 74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRAINAGE 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 14 CY MASONRY DRAINAGE 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH TAXAGE 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH TAXAGE 5,550 SY GEOTEXTILE FOR SOIL S	ARSE AGGREGATE
Lump Sum LS CLEARING & GRUBBING ACRE(S) 1 EA SUBDRAIN PIPI 1 ACR SUPPLEMENTARY CLEARING & GRUBBING 6 LF 6" OUTLET PIPI 2 EA SEALING ABANDONED WELLS 2.086 CY ENDWALLS 5,200 CY UNCLASSIFIED EXCAVATION 10 CY REINFORCED E 4,250 CY UNDERCUT EXCAVATION 38.72 CY PIPE COLLARS 74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRA 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 14 CY MASONRY DRA 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH T 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH T 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH T 1,915 SF TEMPORARY SHORING	D SUBDRAIN PIPE
1 ACR SUPPLEMENTARY CLEARING & GRUBBING 6 LF 6" OUTLET PIPIPIPIPIPIPIPIPIPIPIPIPIPIPIPIPIPIPI	E OUTLET
2 EA SEALING ABANDONED WELLS 2.086 CY ENDWALLS 5,200 CY UNCLASSIFIED EXCAVATION 10 CY REINFORCED E 4,250 CY UNDERCUT EXCAVATION 3.872 CY PIPE COLLARS 74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRA 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 14 CY MASONRY DRA 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH T 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH T 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH T 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH T 180 SY ROCK PLATING 10 EA FRAME WITH T	E
3,200 CY UNCLASSIFIED EXCAVATION 3.872 CY PIPE COLLARS 74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRA 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 14 CY MASONRY DRA 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH T 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH T 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH T 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH T 180 SY ROCK PLATING 10 EA FRAME WITH T	
4,250 CY UNDERCUT EXCAVATION 3.872 CY PIPE COLLARS 74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRAINED 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 14 CY MASONRY DRAINED 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH THAINED 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH THAINED 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH THAINED 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH THAINED 180 SY ROCK PLATING 10 EA FRAME WITH THAINED	ENDWALLS
74,000 CY BORROW EXCAVATION 38 CY FLOWABLE FIL 61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRAINED 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 66 LF MASONRY DRAINED 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH TAMES 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH TAMES 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH TAMES 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH TAMES 180 SY ROCK PLATING 10 EA FRAME WITH TAMES	
61.9 CY DRAINAGE DITCH EXCAVATION 58 EA MASONRY DRAINAGE DITCH EXCAVATION 1,030 SY REMOVAL OF EXISTING ASPHALT PAVEMENT 66 LF MASONRY DRAINED 1,030 SY BREAKING OF EXISTING ASPHALT PAVEMENT 2 EA FRAME WITH T 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH T 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH T 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH T 180 SY ROCK PLATING 10 EA FRAME WITH T	L
1,030 ST REMOVALO IT AND THACK 1,030 ST BREAKING OF EXISTING ASPHALT 2 EA FRAME WITH T 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH T 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH T 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH T 180 SY ROCK PLATING 10 EA FRAME WITH T 1 1 1 1 1 1 1 1 1	AINAGE STRUCTURES
PAVEMENT 66	AINAGE STRUCTURES
PAVEMENT 2 EA FRAME WITH I 4,050 CY SELECT GRANULAR MATERIAL 1 EA FRAME WITH I 5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH I 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH I 180 SY ROCK PLATING 10 EA FRAME WITH I	AINAGE STRUCTURES
5,550 SY GEOTEXTILE FOR SOIL STABILIZATION 5 EA FRAME WITH T 1,915 SF TEMPORARY SHORING 1 EA FRAME WITH T 180 SY ROCK PLATING 10 EA FRAME WITH C	ΓWO GRATES, STD 840.16
1,915 SF TEMPORARY SHORING 1 EA FRAME WITH T 180 SY ROCK PLATING 10 EA FRAME WITH C	ΓWO GRATES, STD 840.20
180 SY ROCK PLATING 10 EA FRAME WITH C	ΓWO GRATES, STD 840.22
	ΓWO GRATES, STD 840.24
	GRATE & HOOD, STD 840.03,
Lump Sum LS GENERIC GRADING ITEM TYPE ** (E) TYPE 2 BRIDGE APPROACH FILL, STATION 110,60 55 V 24 EA FRAME WITH C	GRATE & HOOD, STD 840.03,
390 TON FOUNDATION CONDITIONING MATERIAL, (F) MINOR STRUCTURES	
14 EA FRAME WITH C 1,210 SY FOUNDATION CONDITIONING GEOTEXTILE TYPE **	GRATE & HOOD, STD 840.03,
36 LF 15" DRAINAGE PIPE (G)	
2 EA *** DRAINAGE PIPE ELBOWS (15") 10 EA CONCRETE TRA	COVER, STD 840.54 ANSITIONAL SECTION FOR
	ANSITIONAL SECTION FOR
1,520 LF 15" RC PIPE CULVERTS, CLASS IV DROP INLET 1 EA GENERIC DRAI	INAGE ITEM
	COVER, STD 840.55
164 LF 24" RC PIPE CULVERTS, CLASS IV 1 EA GENERIC DRAI DE-WATERING	
192 LF 30" RC PIPE CULVERTS CLASS IV	E CURB & GUTTER
	E CURB & GUTTER
252 LF GENERIC PIPE ITEM 42" PIPE REHABILITATION CIPP LINER 183 LF SHOULDER BEI	RM GUTTER
252 LF GENERIC PIPE ITEM 1,440 SY 4" CONCRETE S	SIDEWALK
PRE INSTALLATION INSPECTION 14 EA CONCRETE CU	RB RAMPS
1,537 LF PIPE REMOVAL 60 SY 6" CONCRETE I	DRIVEWAY
	C CONCRETE ISLANDS
1,480 CY SHALLOW UNDERCUT (SURFACE MOU 2,805 TON CLASS IV SUBGRADE STABILIZATION 166 LF PRECAST REIN	UNTED) IFORCED CONCRETE
BARRIER, SING	
	OF CATCH BASINS
6,230 SY GEOTEXTILE FOR SUBGRADE 1 EA ADJUSTMENT 0	OF DROP INLETS
104 TON AGGREGATE BASE COURSE 1 EA CONVERT EXIS JUNCTION BOX	STING CATCH BASIN TO
100 TON INCIDENTAL STONE RASE	STING DROP INLET TO
	X STING JUNCTION BOX TO
1,930 SY MILLING ASPHALT PAVEMENT, ***" DEPTH CATCH BASIN (3") 2,837.5 LF STEEL BEAM G	
1.210 SV MILLING ASPHALT PAVEMENT *** TO	GUARDRAIL, SHOP CURVED
	GUARDRAIL POSTS
	ND UNITS, TYPE CAT-1
	NCHOR UNITS, TYPE III
1 YPE 119.0C	ND UNITS, TYPE TL-3 ND UNITS, TYPE TL-2
S9.5C	
1,065 TON ASPHALT BINDER FOR PLANT MIX 2,053 LF REMOVE EXIST	
100 TON ASPHALT PLANT MIX, PAVEMENT REPAIR	NCHOR UNITS, TYPE B-77
67.2 CY SUBDRAIN EXCAVATION ***** (TL-3)	

230	LF	WOVEN WIRE FENCE, **" FABRIC	1,773	LF	POLYUREA PAVEMENT MARKING LINES
6	EA	(48") 4" TIMBER FENCE POSTS, 7'-6" LONG			(**", *** MILS) (8", 30 MILS)
19	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	18,174	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
688	LF	CHAIN LINK FENCE, **" FABRIC (72")	2,054	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
59	EA	METAL LINE POSTS FOR **" CHAIN LINK FENCE	435	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
12	EA	(72") METAL TERMINAL POSTS FOR **" CHAIN	461	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
		LINK FENCE (72")	31	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,255	LF	CHAIN LINK FENCE RESET	336	EA	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS
26 105	TON TON	RIP RAP, CLASS I RIP RAP, CLASS II	778	LF	**" WATER LINE (18")
15	TON	RIP RAP, CLASS B	40	LF	8" WATER LINE
985	SY	GEOTEXTILE FOR DRAINAGE	368	LF	12" WATER LINE
1	CY	PLAIN CONCRETE SIGN FOUNDATIONS	917	LF	16" WATER LINE
1,103	LB	SUPPORTS, BREAKAWAY STEEL BEAM	8,555	LB	DUCTILE IRON WATER PIPE FITTINGS
631	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	2	EA	**" VALVE
10	EA	SIGN ERECTION, TYPE D			(18")
35	EA	SIGN ERECTION, TYPE E	3	EA	6" VALVE
10	EA	SIGN ERECTION, TYPE F	1	EA	8" VALVE
6	EA	SIGN ERECTION, TYPE *** (GROUND	3	EA	12" VALVE
		MOUNTED)	1	EA	16" VALVE
6	EA	(A) DISPOSAL OF SUPPORT, STEEL BEAM	1	EA	**" INSERTION VALVE (16")
43	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA	**" INSERTION VALVE (18")
6	EA	DISPOSAL OF SIGN, D, E OR F	2	EA	**" INSERTION VALVE
4	EA	GENERIC SIGNING ITEM SUPPORTS, OMNI-DIRECTIONAL	1	EA	(6") **" TAPPING SLEEVE & VALVE (18")
852	SF	BREAKAWAY WORK ZONE SIGNS (STATIONARY)	2	EA	6" TAPPING SLEEVE & VALVE
288	SF	WORK ZONE SIGNS (PORTABLE)	2	EA	16" TAPPING SLEEVE & VALVE
118	SF	WORK ZONE SIGNS (BARRICADE	2	EA	2" AIR RELEASE VALVE
110	51	MOUNTED)	4	EA	RECONNECT WATER METER
2	EA	FLASHING ARROW BOARD	3	EA	FIRE HYDRANT
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	37	LF	FIRE HYDRANT LEG
60	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	430	LF	WATER SERVICE LINE
275	EA	DRUMS	1,149	LF	**" FORCE MAIN SEWER
144	LF	BARRICADES (TYPE III)	1,117		(10")
72	LF	PEDESTRIAN CHANNELIZING DEVICES	605	LF	12" FORCE MAIN SEWER
180	DAY	FLAGGER	2,415	LB	DUCTILE IRON SEWER PIPE FITTINGS
2	EA	TEMPORARY CRASH CUSHIONS	2	EA	4' DIA UTILITY MANHOLE
4	EA	TMA	1,020	LF	ABANDON **" UTILITY PIPE (18")
705	LF	PORTABLE CONCRETE BARRIER	1,865	LF	ABANDON 6" UTILITY PIPE
		(ANCHORED)	100	LF	ABANDON 8" UTILITY PIPE
720	HR	LAW ENFORCEMENT	290	LF	ABANDON 12" UTILITY PIPE
45	EA	SKINNY DRUM	870	LF	ABANDON 16" UTILITY PIPE
12	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	3	EA	REMOVE FIRE HYDRANT
13	EA	TEMPORARY RAISED PAVEMENT MARKERS	110	LF	24" ENCASEMENT PIPE
1,318	LF	COLD APPLIED PLASTIC PAVEMENT	110	LF	BORE AND JACK OF **"
		MARKING LINES, TYPE ** (8") (II)	605	LF	(24") DIRECTIONAL DRILLING OF **"
628	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES. TYPE ** (24")	605	LF	(12")
		(II)	11,940	LF	TEMPORARY SILT FENCE
14	EA	COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER, TYPE **	860	TON	STONE FOR EROSION CONTROL, CLASS A
		(II)	2,190	TON	STONE FOR EROSION CONTROL, CLASS B
66	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE **	2,050	TON	SEDIMENT CONTROL STONE
		(II)	24	ACR	TEMPORARY MULCHING
49,549	LF	PAINT PAVEMENT MARKING LINES (4")	1,200	LB	SEED FOR TEMPORARY SEEDING
3,366	LF	PAINT PAVEMENT MARKING LINES (6")	7	TON	FERTILIZER FOR TEMPORARY SEEDING
2,760	LF	PAINT PAVEMENT MARKING LINES (8")	310	LF	TEMPORARY SLOPE DRAINS
1,317	LF	PAINT PAVEMENT MARKING LINES (24")	1,520	LF	SAFETY FENCE
16	EA	PAINT PAVEMENT MARKING CHARACTER	4,700	CY	SILT EXCAVATION
88	EA	PAINT PAVEMENT MARKING SYMBOL	19,600	SY	MATTING FOR EROSION CONTROL
9,203	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS)	100	SY	COIR FIBER MAT
		(4", 30 MILS)	5,520	LF	1/4" HARDWARE CLOTH
8,012	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS)	1,000	SY	LOW PERMEABILITY GEOTEXTILE
		(6", 30 MILS)	50	LF	**" TEMPORARY PIPE (15")
			1,060	LB	FLOCCULANT

1,120	LF	COIR FIBER WATTLE
215 1	LF EA	COIR FIBER BAFFLE **" SKIMMER
1	EA	(1-1/2")
21	ACR	SEEDING & MULCHING
18	ACR	MOWING
250	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER FOR REPAIR SEEDING
475 14.25	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
14.23	MHR	SPECIALIZED HAND MOWING
10	MHR	MANUAL LITTER REMOVAL
1	TON	LITTER DISPOSAL
100	EA	RESPONSE FOR EROSION CONTROL
2	EA	CONCRETE WASHOUT STRUCTURE
9	EA	GENERIC EROSION CONTROL ITEM
8	EA	PREFABRICATED CONCRETE WASHOUT PEDESTRIAN SIGNAL HEAD (16", 1 SECTION
Ü	Lit	W/COUNTDOWN)
20,875	LF	SIGNAL CABLE
91	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
15	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
4,050	LF	MESSENGER CABLE (3/8")
25	LF	PAVED TRENCHING (********) (1, 2")
2,550	LF	UNPAVED TRENCHING (********) (1, 2")
500	LF	UNPAVED TRENCHING (*******)
57	EA	(2, 2") JUNCTION BOX (STANDARD SIZE)
19	EA	WOOD POLE
40	EA	GUY ASSEMBLY
5	EA	1" RISER WITH WEATHERHEAD
10	EA	2" RISER WITH WEATHERHEAD
2,825	LF	INDUCTIVE LOOP SAWCUT
7,650	LF	LEAD-IN CABLE (14-2)
4	EA	SITE SURVEY
12	EA	LUMINAIRE ARM FOR VIDEO SYSTEM
12	EA	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT
4	EA	EXTERNAL LOOP EMULATOR PROCESSING UNIT
16	EA	METAL STRAIN SIGNAL POLE
16	EA	SOIL TEST
96	CY	DRILLED PIER FOUNDATION
24	EA	SIGN FOR SIGNALS
1	EA	TYPE I POST WITH FOUNDATION
7	EA	TYPE II PEDESTAL WITH FOUNDATION
4	EA	CONTROLLERS WITH CABINET (************************************
		(2070LX BASE, MOUNTED)
30	EA	DETECTOR CARD (TYPE 170)
4	EA	CABINET BASE EXTENDER GENERIC SIGNAL ITEM
2	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
		WALL ITEMS
3,941	SF	MSE RETAINING WALL NO **** (1)
3,658	SF	MSE RETAINING WALL NO ****
		(2) STRUCTURE ITEMS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT
Lump Sum	Lo	STATION *********
Lump Sum	LS	(119+69.55 -Y-) ASBESTOS ASSESSMENT
10	LF	PILE EXCAVATION IN SOIL
190	LF	PILE EXCAVATION NOT IN SOIL
8	LF	3'-6" DIA DRILLED PIERS IN SOIL
60	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
1	EA	SID INSPECTIONS
1	EA	CSL TESTING

Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** (119+69.55 -Y-)
13,421	SF	REINFORCED CONCRETE DECK SLAB
13,262	SF	GROOVING BRIDGE FLOORS
239.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(119+69.55 -Y-)
41,238	LB	REINFORCING STEEL (BRIDGE)
2,972	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,406	LF	54" PRESTRESSED CONCRETE GIRDERS
20	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
600	LF	HP 12 X 53 STEEL PILES
20	EA	STEEL PILE POINTS
2	EA	DYNAMIC PILE TESTING
338.48	LF	TWO BAR METAL RAIL
355.14	LF	1'-**" X *****" CONCRETE PARAPET (1'-2" X 3'-3")
54	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM STRIP SEAL EXPANSION JOINTS

CONTRACT ID: C205071 67155.3.1 DIV OFFICE GREENSBORO LENGTH = 0.180 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL COMPLETION DATE: NOV 11, 2028

BRIDGE #780163 OVER HOGAN'S CREEK ON US-158.

				a.p.	WORK GOVE WANT BOOK IN TO
		ROADWAY ITEMS	96	SF	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	MOBILIZATION	1	EA	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM
Lump Sum	LS	CONSTRUCTION SURVEYING	45	EA	DRUMS
Lump Sum	LS	GRADING	6	DAY	FLAGGER
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	2	EA	TEMPORARY CRASH CUSHIONS
400	CY	UNDERCUT EXCAVATION	2	EA	REMOVE & RESET TEMPORARY CRASH
400	CY	SELECT GRANULAR MATERIAL	260	LF	CUSHION PORTABLE CONCRETE BARRIER
400	SY	GEOTEXTILE FOR SOIL STABILIZATION	300	LF LF	PORTABLE CONCRETE BARRIER PORTABLE CONCRETE BARRIER
847	SF	TEMPORARY SHORING	300	LI	(ANCHORED)
1,500	TON	ROCK EMBANKMENTS	170	LF	REMOVE AND RESET PORTABLE CONCRETE BARRIER
2,200	SY	GEOTEXTILE FOR ROCK EMBANKMENTS	270	LF	REMOVE & RESET PORTABLE CONCRETE
1,575	SY	GENERIC GRADING ITEM			BARRIER (ANCHORED)
		ROCK PLATING OVER ROCK EMBANKMENTS	4,108	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	GENERIC GRADING ITEM	24	LF	PAINT PAVEMENT MARKING LINES (24")
		TYPE 1 BRIDGE APPROACH FILL, STATION 15+40.00 -L-	2,137.5	LF	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT
325	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS IV FOR ROCK	10	EA	MARKING LINES, (6", 90 MILS) GENERIC PAVEMENT MARKING ITEM
		EMBANKMENTS	10	LA	POLYCARBONATE H-SHAPED MARKERS
325	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI FOR ROCK	3	EA	PERMANENT RAISED PAVEMENT MARKERS
		EMBANKMENTS	2,540	LF	TEMPORARY SILT FENCE
16	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	100	TON	STONE FOR EROSION CONTROL, CLASS A
50	SY	FOUNDATION CONDITIONING GEOTEXTILE	95	TON	STONE FOR EROSION CONTROL, CLASS B
64	LF	15" SIDE DRAIN PIPE	145	TON	SEDIMENT CONTROL STONE
2	EA	**" SIDE DRAIN PIPE ELBOWS	3	ACR	TEMPORARY MULCHING
0.4		(15")	200	LB	SEED FOR TEMPORARY SEEDING
84	LF	**" CAA PIPE CULVERTS, *****" THICK (18", 0.064")	1	TON	FERTILIZER FOR TEMPORARY SEEDING
121	LF	PIPE REMOVAL	200	LF	TEMPORARY SLOPE DRAINS
100	CY	SHALLOW UNDERCUT	260	LF	SAFETY FENCE
200	TON	CLASS IV SUBGRADE STABILIZATION	240	CY	SILT EXCAVATION
300	SY	GEOTEXTILE FOR SUBGRADE	7,550	SY	MATTING FOR EROSION CONTROL
50	TON	STABILIZATION INCIDENTAL STONE BASE	100	SY	COIR FIBER MAT
700	SY	INCIDENTAL MILLING	470	LF	1/4" HARDWARE CLOTH
510	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	10	LB	FLOCCULANT
490	TON	ASPHALT CONC INTERMEDIATE COURSE,	3	ACR	SEEDING & MULCHING
		TYPE I19.0C	3	ACR	MOWING
620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	50	LB	SEED FOR REPAIR SEEDING
87	TON	ASPHALT BINDER FOR PLANT MIX	0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	75	LB	SEED FOR SUPPLEMENTAL SEEDING
45	CY	SUBDRAIN EXCAVATION	2	TON	FERTILIZER TOPDRESSING
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	10	MHR	SPECIALIZED HAND MOWING
34	CY	SUBDRAIN COARSE AGGREGATE	2	MHR	MANUAL LITTER REMOVAL
200	LF	6" PERFORATED SUBDRAIN PIPE	1	TON	LITTER DISPOSAL
1	EA	SUBDRAIN PIPE OUTLET	25	EA	RESPONSE FOR EROSION CONTROL
6	LF	6" OUTLET PIPE	1	EA	CONCRETE WASHOUT STRUCTURE
2	EA	MASONRY DRAINAGE STRUCTURES	2	EA	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT
2	EA	FRAME WITH TWO GRATES, STD 840.29			STRUCTURE ITEMS
175	LF	SHOULDER BERM GUTTER	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, &
1,300	LF	STEEL BEAM GUARDRAIL	Lump Sum	LO	REMOVAL OF TEMP ACCESS AT STA
10	EA	ADDITIONAL GUARDRAIL POSTS			**************************************
1	EA	GUARDRAIL END UNITS, TYPE TL-3	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			STATION ************************************
1,800	TON	RIP RAP, CLASS II	Lump Sum	LS	ASBESTOS ASSESSMENT
218	TON	RIP RAP, CLASS B	184.2	LF	3'-6" DIA DRILLED PIERS IN SOIL
608	SY	GEOTEXTILE FOR DRAINAGE	154.6	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
156	SF	WORK ZONE SIGNS (STATIONARY)			

203.2	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER	
2	EA	CSL TESTING	
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ******** (15+40.00 -L-)	
9,125	SF	REINFORCED CONCRETE DECK SLAB	
9,761	SF	GROOVING BRIDGE FLOORS	
146	CY	CLASS A CONCRETE (BRIDGE)	
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************	
		(15+40.00 -L-)	
37,866	LB	REINFORCING STEEL (BRIDGE)	
8,351	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	
1,179	LF	54" PRESTRESSED CONCRETE GIRDERS	
18	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	
655	LF	HP 12 X 53 STEEL PILES	
5	EA	STEEL PILE POINTS	
45	LF	PREDRILLING FOR PILES	
396.46	LF	CONCRETE BARRIER RAIL	
740	TON	RIP RAP CLASS II (2'-0" THICK)	
822	SY	GEOTEXTILE FOR DRAINAGE	
Lump Sum	LS	ELASTOMERIC BEARINGS	

L251216

CONTRACT ID: C205149 2026CPT.10.07.10601 DIV OFFICE ALBEMARLE LENGTH = 7.800 MI

COUNTY : MECKLENBURG

MILLING AND RESURFACING.

DBE GOAL COMPLETION DATE: JUL 26, 2027

4 SECTIONS OF NC-49.

ROADWAY ITEMS

		ROADWAYITEMS	
Lump Sum	LS	MOBILIZATION	
207,080	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	
91,808	SY	INCIDENTAL MILLING	
27,620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
1,765	TON	ASPHALT BINDER FOR PLANT MIX	
2,800	TON	PATCHING EXISTING PAVEMENT	
1	EA	CONCRETE CURB RAMPS	
6	EA	RETROFIT EXISTING CONCRETE CURB RAMPS	
25	EA	ADJUSTMENT OF MANHOLES	
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	
14	EA	ADJUSTMENT OF OVERSIZED MANHOLES	
800	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	
22	LF	PEDESTRIAN CHANNELIZING DEVICES	
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL	
1,800	HR	LAW ENFORCEMENT	
4	EA	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	
4	EA	GENERIC TRAFFIC CONTROL ITEM TEMPORARY CURB RAMPS	
61,369	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	
19,910	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	
160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	
1,846	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	
478	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	
61,369	LF	PAINT PAVEMENT MARKING LINES (4")	
19,910	LF	PAINT PAVEMENT MARKING LINES (8")	
160	LF	PAINT PAVEMENT MARKING LINES (16")	
1,846	LF	PAINT PAVEMENT MARKING LINES (24")	
32	EA	PAINT PAVEMENT MARKING CHARACTER	
478	EA	PAINT PAVEMENT MARKING SYMBOL	
2,638	EA	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	
Lump Sum	LS	PORTABLE LIGHTING	
18,388	LF	INDUCTIVE LOOP SAWCUT	

L251216

006

COUNTY : WILKES

BRIDGE PRESERVATION.

DBE GOAL COMPLETION DATE: MAY 15, 2027

BRIDGE #960068 OVER WARRIOR CREEK ON NC-268.

ROADWAY ITEMS

		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
245	SY	INCIDENTAL MILLING
25	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1.5	TON	ASPHALT BINDER FOR PLANT MIX
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
84	DAY	FLAGGER
30	EA	SKINNY DRUM
993	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
450	LF	PAINT PAVEMENT MARKING LINES (4")
1,218	LF	POLYUREA PAVEMENT MARKING LINES (**", *** MILS) (4", 30 MILS)
30	EA	PERMANENT RAISED PAVEMENT MARKERS
		STRUCTURE ITEMS
Lump Sum	LS	POLLUTION CONTROL
8.6	SY	CLASS II, SURFACE PREPARATION
31.5	CF	CONCRETE REPAIRS
82.6	CF	SHOTCRETE REPAIRS
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING OF BRIDGE #960068
Lump Sum	LS	GENERIC STRUCTURE ITEM MOLDED RUBBER SEGMENTAL EXPANSION JOINT
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #960068
Lump Sum	LS	GENERIC STRUCTURE ITEM VOLUMETRIC MIXER
29	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS FOR PRESERVATION
4.1	CF	GENERIC STRUCTURE ITEM ELASTOMERIC CONCRETE FOR PRESERVATION
2,818	LB	GENERIC STRUCTURE ITEM BEAM REPAIR CUT-OUT
16.4	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
72	SF	GENERIC STRUCTURE ITEM CONCRETE WORK FOR JOINT REPLACEMENT
576	SF	GENERIC STRUCTURE ITEM EPOXY COATING
1,374	SY	GENERIC STRUCTURE ITEM CONCRETE BRIDGE DECK CRACK SEALING
1,372	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR CONCRETE BRIDGE DECK CRACK SEALING
1,374	SY	GENERIC STRUCTURE ITEM SHOTBLASTING BRIDGE DECK
12	EA	GENERIC STRUCTURE ITEM CLEANING AND PAINTING EXISTING BEARINGS WITH HIGH RATIO CALCIUM SULFONATE
12	EA	GENERIC STRUCTURE ITEM ELASTOMERIC BEARING
12	EA	GENERIC STRUCTURE ITEM STUB COLUMN
14	EA	GENERIC STRUCTURE ITEM TYPE I BRIDGE JACKING FOR BRIDGE #960068

8.320 MI

L251216

LENGTH =

DIV OFFICE ASHEVILLE

COUNTY : MADISON

CONTRACT ID: C205120

PAVEMENT REHABILITATION.

DBE GOAL COMPLETION DATE: JUN 01, 2028

I-26 FROM TENNESSEE STATE LINE MILE MARKER 0.10 TO MILE MARKER 8.45.

53037.3.3

MORBINATE 15 15 15 15 15 15 15 1			DO A DWAY ITEMS	2,103	EA	TEMPORARY RAISED PAVEMENT MARKERS
			ROADWAY ITEMS			
STRENGHING FOR SHOULER	-			10	LI	
CONSTRUCTION	174,209	SY		230,255	LF	PAINT PAVEMENT MARKING LINES (6")
10			CONSTRUCTION	9,463		PAINT PAVEMENT MARKING LINES (12")
TON FOUNDATION CONDITIONING MATERIAL 18 EA PANN' PAVEMENT MARKING CHARACTERS 18 EA PANN' PAVEMENT MARKING SYMBOUL 19 19 19 19 19 19 19 1	50	TON		18	LF	PAINT PAVEMENT MARKING LINES (24")
SY FOUNDATION CONDITIONING GEOTEXTILE 221,735 LT	20	TON	FOUNDATION CONDITIONING MATERIAL,	18	EA	PAINT PAVEMENT MARKING CHARACTER
100 101	40	çv		18	EA	PAINT PAVEMENT MARKING SYMBOL
1.194 TO				221,739	LF	
10	10,200			9,463	LF	REMOVAL OF PAVEMENT MARKING LINES
1	1,194	TON		22	EΛ	
S. S. S. S. S. S. S. S.	70	TON		32	LA	
2,400 SP PATCHING CONCRETE PAVEMENT SPALLS B6.025 F PAVEMENT MARKING LIESE 2 F MILLS	6	SY		9,463	LF	
173.095 LF GENERIC PAVING ITEM 180.00 15 15 16 16 16 16 16 16	2 400	SF				PAVEMENT MARKING LINES 12" (90 MILS)
148.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2				186,025	LF	
10	575,075		JOINT CONSTRUCTION, REPAIR AND			PAVEMENT MARKING LINES 6" (90 MILS)
18-9.81 L. MILLER PRIME STRIPS (CONCRETE SHOULDERS) SHOULDER	448.220	SY		44,230		INTEGRATED MULITPOLYMER PAVEMENT MARKING LINES 6" (90 MILS)
SHOLLDERS	110,220		DIAMOND GRINDING PCC PAVEMENT			
1	169,811	LF		2,103	EA	
Bacterian Bact	7	EA	,	18	EA	
Second Commence Second Com	10	EA				
DEALNAGE STRUCTURE CLEAN OUT AMARINGS STRUCTURE REPAIR A GENERIC POR NANAGE ITEM A GENERIC POR NANAGE ITEM B A GENERIC POR NANAGE ITEM B A GENERIC POR NANAGE ITEM B A GENERIC POR NANAGE STRUCTURE REPAIR B A GENERIC PAVING ITEM B A GENERIC P	15	FΔ		18	EA	
17		2.1	DRAINAGE STRUCTURE CLEAN OUT			
17	17	EA		400	LF	TEMPORARY SILT FENCE
84 SY GENERIC PAVING ITEM REMOVE AND REPLACE 4" CONCRETE PAVED DITCH SEMONE AND REPLACE 4" CONCRETE PAVED DITCH SEMONE AND REPLACE CONCRETE ISLAND SEMONE AND REPLACE CONCRETE ISLAND SOUNT SEMONE AND REPLACE CONCRETE ISLAND SOUNT SEMONE AND REPLACE CONCRETE ISLAND SOUNT SEMONE AND REPLACE CONCRETE SEMONE AND REPLACE SEMONE AND REPLACE SEMONE SEMONE SEMONE SEMENT SEMONE AND REPLACE SEMONE SEMONE SEMONE SEMENT SEME	17	EA	GENERIC DRAINAGE ITEM	30	TON	SEDIMENT CONTROL STONE
REMOVE AND REPLACE 4" CONCRETE PAVED DITCH	9.1	cv		200	LB	SEED FOR TEMPORARY SEEDING
133 SY GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE ISLAND 174,209 SY GENERIC PAVING ITEM ROLLER COMPACTED CONCRETE 33 LF GENERIC PAVING ITEM ROLLER COMPACTED CONCRETE 33 LF GENERIC PAVING ITEM REMOVE AND REPLACE SY 8° CURB 34 ACR SEEDING & MULCHING 350 LF GENERIC PAVING ITEM REMOVE AND REPLACE SY 8° CURB 4 ACR SEEDING & MULCHING 360 LF GENERIC PAVING ITEM 10 EA RESPONSE FOR EROSION CONTROL EXPRESSWAY GUTTER 370 LF GENERIC PAVING ITEM 24 EA CONCRETE SY 8° CURB 25 EXPRESSWAY GUTTER 381 LEVENDOWN AND REPLACE CONCRETE SY 8° CURB 26 EXPRESSWAY GUTTER 382 LF GENERIC PAVING ITEM 26 EA RESPONSE FOR EROSION CONTROL TIEM PREPABRICATED CONCRETE WASHOUT STRUCTURE PREPABRICATED CONCRETE PREPABR	04	51	REMOVE AND REPLACE 4" CONCRETE	1	TON	FERTILIZER FOR TEMPORARY SEEDING
REMOVE AND REPLACE CONCRETE ISLAND 174,209 SY GENERIC PAVING ITEM ROLLER COMPACTED CONCRETE 30 LF GENERIC PAVING ITEM REMOVE AND REPLACE SY 6" CURB 31 LF GENERIC PAVING ITEM REMOVE AND REPLACE SY 6" CURB 32 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE WASHOUT STRUCTURE 300 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE REMOVE AND REPLACE CONCRETE WASHOUT STRUCTURE REMOVE AND REPLACE CONCRETE WASHOUT REMOVE AND REMOVE AND REPLACE CONCRETE WASHOUT REMOVE AND REMOVE AND REPLACE CONCRETE WASHOUT REMOVE AND REM	133	SY				
ROLLER COMPACTED CONCRETE 33 LF GENERIC PAVING ITEM REMOVE AND REPLACE S' X 6" CURB 34 ACR SEEDING & MULCHING BEMOVE AND REPLACE SON X 6" CURB 36 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE REMOVE AND REPLACE CONCRETE SEPPESSWAY GUTTER 37 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE SHOULDER BERM GUTTER 38 LF GENERIC PAVING ITEM A EA GENERIC ENOISON CONTROL REMOVE AND REPLACE CONCRETE SHOULDER BERM GUTTER 39 LF GENERIC PAVING ITEM A EA GENERIC PAVING ITEM BARRIER WALL DELINEATORS 40 LF INDUCTIVE LOOP SAWCUT 1.012 EA GENERIC PAVING ITEM A HORDOWN AND REPLACE CONCRETE WASHOUT 52.745 LF STEEL BEAM GUARDRAIL. 50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 21 EA GUARDRAIL END UNITS, TYPE TL-3 52.745 LF STEEL BEAM GUARDRAIL, SHOP CURVED 22 EA GUARDRAIL ANCHOR UNITS, TYPE III 33 EA GUARDRAIL ANCHOR UNITS, TYPE III 34 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 35 WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANG CLOSURE SYSTEM DOUBLE LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE SYSTEM 117 GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE SYSTEM 118 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE SYSTEM 119 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE CONTROL ITEM			REMOVE AND REPLACE CONCRETE ISLAND			
33 LF GENERIC PAVING ITEM REMOVE AND REPLACE S" X 6" CURB 4 ACR SEEDING & MULCHING 300 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE EXPRESSWAY GUTTER 4 EA CONCRETE WASHOUT STRUCTURE 300 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE SHOULDER BERM GUTTER 4 EA GENERIC EROSION CONTROL ITEM REMOVE AND REPLACE CONCRETE SHOULDER BERM GUTTER 204 LF INDUCTIVE LOOP SAWCUT 1,012 EA GENERIC PAVING ITEM ARCHORDER 204 LF INDUCTIVE LOOP SAWCUT 2 EA IMPACT ATTENUATOR UNITS, TYPE TL-3 52,745 LF STEEL BEAM GUARDRAIL 50 LF STEEL BEAM GUARDRAIL SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE GAT-1 12 EA GUARDRAIL END UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LAW CONNECTED LANCE CLOSURE SYSTEM CONNECTED LANCE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANCE CLOSURE SYSTEM 117 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANCE CLOSURE SYSTEM 118 EA GENERIC TRAFFIC CONTROL ITEM ANAPPLOOP TRAFFIC CONTROL ITEM ANAPPLOOP TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL ITEM ANAPPLOOP TRAFFIC	174,209	SY				
BENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE EXPRESSWAY GUITTER 10 EA RESPONSE FOR EROSION CONTROL REMOVE AND REPLACE CONCRETE EXPRESSWAY GUITTER 4 EA CONCRETE WASHOUT STRUCTURE 6 REMOVE AND REPLACE CONCRETE SHOULDER BERM GUITTER 20 IF PREFABRICATED CONCRETE WASHOUT SHOULDER BERM GUITTER 20 IF DIDUCTIVE LOOP SAWCUT 1,012 EA GENERIC PAVING ITEM BARRIER WALL DELINEATORS 40 IF LEAD-IN CABLE (14-2) 1,012 EA GENERIC PAVING ITEM BARRIER WALL DELINEATORS 40 IF LEAD-IN CABLE (14-2) 1,012 EA GUARDRAIL SHOP CURVED 1,012 EA GUARDRAIL END UNITS, TYPE TL-3 1,012 EA GUARDRAIL END UNITS, TYPE GAT-1 1,012 EA GUARDRAIL END UNITS, TYPE III 1,013 EA GUARDRAIL END UNITS, TYPE II-3 1,014 EA GUARDRAIL END UNITS, TYPE B-83 1,014 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 1,014 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 1,014 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 1,014 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 1,014 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 1,014 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL IT	33	LF				
REMOVE AND REPLACE CONCRETE EXPRESSWAY GUTTER 300 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE SHOULDER BERN GUTTER 301 LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE SHOULDER BERN GUTTER 302 LF GENERIC PAVING ITEM PREFABRICATED CONCRETE WASHOUT STRUCTURE 303 LF GENERIC PAVING ITEM PREFABRICATED CONCRETE WASHOUT SHOULDER BERN GUTTER 304 LF INDUCTIVE LOOP SAWCUT INDUCTIVE LOOP SA	300	LF				
LF GENERIC PAVING ITEM REMOVE AND REPLACE CONCRETE SHOULDER BERM GUTTER SHOULDER BERM GUTTER SHOULDER BERM GUTTER BARNER WALL DELINEATORS EA GENERIC PAVING ITEM BARRIER WALL DELINEATORS EA IMPACT ATTENUATOR UNITS, TYPE TL-3 52,745 LF STEEL BEAM GUARDRAIL. 50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE TIL-3 12 EA GUARDRAIL END UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE TL-3 14 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 117 GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL ITEM		_	REMOVE AND REPLACE CONCRETE			
REMOVE AND REPLACE CONCRETE SHOULDER BERM GUTTER 1,012 EA GENERIC PAVING ITEM BARRIER WALL DELINEATORS 204 LF INDUCTIVE LOOP SAWCUT 1,012 EA IMPACT ATTENUATOR UNITS, TYPE TL-3 52,745 LF STEEL BEAM GUARDRAIL 50 LF STEEL BEAM GUARDRAIL 50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE GAT-1 12 EA GUARDRAIL ANCHOR UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 8 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL ITEM RAMPJLOOP TRAFFIC CONTROL ITEM	300	LF				
1,012 EA GENERIC PAVING ITEM BARRIER WALL DELINEATORS 2 EA IMPACT ATTENUATOR UNITS, TYPE TL-3 52,745 LF STEEL BEAM GUARDRAIL 50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE CAT-1 12 EA GUARDRAIL END UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE B-83 14 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 117 EAG GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL ITEM				4	LA	
2 EA IMPACT ATTENUATOR UNITS, TYPE TL-3 52,745 LF STEEL BEAM GUARDRAIL 50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE CAT-1 12 EA GUARDRAIL ANCHOR UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE TL-3 12 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL ITEM GENERIC TRAFFIC CONTROL ITEM	1,012	EA		204	LF	INDUCTIVE LOOP SAWCUT
52,745 LF STEEL BEAM GUARDRAIL 50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE CAT-1 12 EA GUARDRAIL ANCHOR UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE TL-3 12 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL ITEM	2	E.4		40	LF	LEAD-IN CABLE (14-2)
50 LF STEEL BEAM GUARDRAIL, SHOP CURVED 25 EA GUARDRAIL END UNITS, TYPE CAT-1 12 EA GUARDRAIL END UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE III 34 EA GUARDRAIL END UNITS, TYPE B-83 25 TON RIP RAP, CLASS B 36 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC RAMPLOOP TR						
25 EA GUARDRAIL END UNITS, TYPE CAT-1 12 EA GUARDRAIL ANCHOR UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE TL-3 12 EA GUARDRAIL END UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
12 EA GUARDRAIL ANCHOR UNITS, TYPE III 33 EA GUARDRAIL END UNITS, TYPE TL-3 12 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
33 EA GUARDRAIL END UNITS, TYPE TL-3 12 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
12 EA GUARDRAIL ANCHOR UNITS, TYPE B-83 24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
24 TON RIP RAP, CLASS B 320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
320 SF WORK ZONE SIGNS (STATIONARY) 4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL 117 EA GENERIC TRAFFIC CONTROL 118 EA GENERIC TRAFFIC CONTROL						
4 EA WORK ZONE DIGITAL SPEED LIMIT SIGNS 116 EA SEQUENTIAL FLASHING WARNING LIGHTS 80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
80 HR LAW ENFORCEMENT 116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL						
116 EA GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL	116	EA	SEQUENTIAL FLASHING WARNING LIGHTS			
CONNECTED LANE CLOSURE SYSTEM 116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMPLOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL	80	HR	LAW ENFORCEMENT			
116 EA GENERIC TRAFFIC CONTROL ITEM DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL ITEM	116	EA				
DOUBLE LANE CLOSURE 8 EA GENERIC TRAFFIC CONTROL ITEM RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL ITEM	117	E A				
RAMP/LOOP TRAFFIC CONTROL 116 EA GENERIC TRAFFIC CONTROL ITEM	116	EA				
116 EA GENERIC TRAFFIC CONTROL ITEM	8	EA				
SINGLE LANE CLOSURE	116	EA				
			SINGLE LANE CLOSURE			