



October 6, 2015

NOTICE TO: All Prequalified Contractors

FROM: R. A. Garris, PE

State Contract Officer

SUBJECT: Raleigh Central Highway Letting

The Highway Letting broadcast of bid opening has changed to a new format. The new method is broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

Go to Raleigh Central Letting and click on "Live Now" which will be available 15 minutes prior to Letting.

Manual process:

Go to www.livestream.com, click on the "Watch" button and then type NCDOT Raleigh Central Letting into the search events window. Select the Raleigh Central Letting event for the desired date. Click "Live Now" to listen to the audio after the event has started.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.



January 19,2016

NOTICE TO: All Prequalified Contractors()

FROM: R. A. Garris, PE

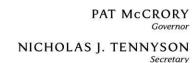
State Contract Officer

SUBJECT: Asbestos Inspection Prior to Bridge Demolition

Effective with the February 16, 2016 letting, a new project special provision entitled *Asbestos Assessment for Bridge Demolition and Renovation* will be included in any contract containing a structure removal line item. A contract line item for payment of this work will also be included in the contract.

The United States Environmental Protection Agency (EPA) has provided clarification of the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation as it applies to bridges, identifying them as regulated structures. As such, a thorough inspection is required for the presence of asbestos.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.





November 22, 2016

NOTICE TO: All Prequalified Contractors

FROM: R.A. Garris, PE

State Contract Officer

SUBJECT: Division MBE and WBE Banking

Effective with the January 2017 Division lettings, the *Minority Business Enterprise and Women Business Enterprise (Division)* special provision (SP1 G67) will include an option for banking of MBE and WBE participation.

Banking has typically been a practice that applies to central-let state-funded projects only. However, for the time period of January 1, 2017 through September 30, 2017, the Department will allow the practice of banking to be applied to Division-let state-funded projects of any size as a pilot.

The use of banking will be monitored by the Office of Civil Rights and will be evaluated based on the following:

- MBE and WBE utilization
- Number of times banking deposits are made
- Number of times banking withdrawals are made
- Number of times a bidder falls short of the advertised goal(s) and submits a Good Faith Effort
- The impact of banking on MBE and WBE firms

After the evaluation of the pilot, a report will be presented to the Office of the Secretary to determine if banking on Division contracts should continue. The Office of Civil Rights invites comments from the contracting community, MBEs and WBEs throughout the duration of the pilot. All written comments received prior to September 30, 2017 will be included in the report. Comments may be sent to dbe@ncdot.gov with the subject line "Banking Pilot".

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION INVITATION TO BID

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON MAY 16, 2017. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

- 1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT ABID IN RESPONSE TO THIS INVITATION TO BID.
- 2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.
- 3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE https://connect.ncdot.gov/letting/Pages/.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

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

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

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

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

PROPOSAL FORMS AT \$25.00 EACH, PLANS (SMALL SIZE) AT \$40.00 PER SET, PLANS (LARGE SIZE) AT \$100.00 PER SET, AND CROSS-SECTIONS AT \$40.00 PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% 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 APRIL 18, 2017.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

(Revised on 14Jul2011)

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	<u>. DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	TELEPHONE
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Collette, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Brandon H Jones, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Mark E Stafford, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

Bid I	Letting Num	ber L170516				
RPN Contract Id WBS County Length JobType						
001	C203907	36596.3.4	NASH	2.044 MI	GRADING, DRAINAGE, PAVING, SIGNALS, NOISE WALL & STRS.	
002	C203903	38543.3.1	JOHNSTON	0.099 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	
003	C203806	38600.3.2	WAKE, FRANKLIN	0.105 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.	
004	C203492	38664.3.4	DURHAM	1.756 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.	
005	C203844	34900.3.5	ALAMANCE	3.457 MI	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.	
006	C204018	2017CPT.08.24.10831 ETC.	SCOTLAND, HOKE	27.959 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.	
007	C204019	2017CPT.08.26.10761 ETC.	RANDOLPH	37.330 MI	MILLING, RESURFACING, WIDENING AND SHOULDER RECONSTRUCTION.	
008	C204022	2017CPT.12.17.10181 ETC.	CATAWBA	40.810 MI	MILLING, WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION.	
009	C204016	2017CPT.12.19.10361 ETC.	GASTON	44.890 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	
010	C204009	2017CPT.12.20.10491 ETC.	IREDELL	62.348 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.	
011	C203905	34497.3.6	CLEVELAND	4.792 MI	GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURES.	
012	C204020	44973.3.3	HYDE, DARE	0.000 MI	CONSTRUCTION OF ONE PASSENGER FERRY.	

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L170516 001

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C203907 36596.3.4 DIV OFFICE WILSON LENGTH = 2.044 MI

COUNTY : NASH

GRADING, DRAINAGE, PAVING, SIGNALS, NOISE WALL & STRS.

DBE GOAL 8.0% COMPLETION DATE: APR 29 2020

US-301 BYPASS FROM SR-1836 (MAY DRIVE) TO NC-43/48 (BENVENUE ROAD).

		ROADWAY ITEMS	3,500	SY	GEOTEXTILE FOR PAVEMENT STA- BILIZATION
			1,900	TON	AGGREGATE BASE COURSE
Lump Sum	LS	MOBILIZATION	4,000	TON	INCIDENTAL STONE BASE
Lump Sum	LS	CONSTRUCTION SURVEYING	1,438	GAL	PRIME COAT
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	1,600	SY	MILLING ASPHALT PAVEMENT, ***"
Lump Sum	ACR	SUPPLEMENTARY CLEARING & GRUB-			DEPTH
1	ACK	BING			(1-1/2")
40,900	CY	UNCLASSIFIED EXCAVATION	11,300	SY	MILLING ASPHALT PAVEMENT, ***"
Lump Sum	LS	BRIDGE APPROACH FILL - SUB			DEPTH (3")
Lump Sum	Lo	REGIONAL TIER, STATION *******	17,100	SY	INCIDENTAL MILLING
		(18+22 -Y1- LT)			
Lump Sum	LS	BRIDGE APPROACH FILL - SUB	26,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
_		REGIONAL TIER, STATION ******	21,000	TON	ASPHALT CONC INTERMEDIATE
		(18+22 -Y1- RT)	21;000	ION	COURSE, TYPE 119.0B
Lump Sum	LS	BRIDGE APPROACH FILL - SUB	33,500	TON	ASPHALT CONC SURFACE COURSE.
		REGIONAL TIER, STATION ******			TYPE S9.5B
5 100	CV	(61+03 -L-)	4,180	TON	ASPHALT BINDER FOR PLANT MIX
5,100	CY	UNDERCUT EXCAVATION	900	TON	ASPHALT PLANT MIX, PAVEMENT
69,500	CY	BORROW EXCAVATION			REPAIR
1,900	CY	DRAINAGE DITCH EXCAVATION	23	EA	RIGHT OF WAY MARKERS
2,600	SY	REMOVAL OF EXISTING ASPHALT	896	CY	SUBDRAIN EXCAVATION
1.500	CV	PAVEMENT SELECT OR ANHHAD MATERIAL	4,000	SY	GEOTEXTILE FOR SUBSURFACE
1,500	CY	SELECT GRANULAR MATERIAL			DRAINS
27,900	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	672	CY	SUBDRAIN COARSE AGGREGATE
407.2	CE		4,000	LF	6" PERFORATED SUBDRAIN PIPE
497.2	SF	TEMPORARY SHORING	8	EA	SUBDRAIN PIPE OUTLET
250	SY	ROCK PLATING	48	LF	6" OUTLET PIPE
50	TON	GENERIC GRADING ITEM STOCKPILING PETROLEUM CONTAM-	2.928	CY	PIPE COLLARS
		INATED SOIL	23	CY	FLOWABLE FILL
1,720	TON	FOUNDATION CONDITIONING MATE-	167	EA	MASONRY DRAINAGE STRUCTURES
1,720	1011	RIAL, MINOR STRUCTURES	26,997	CY	MASONRY DRAINAGE STRUCTURES
5,400	SY	FOUNDATION CONDITIONING GEO-	196.9	LF	MASONRY DRAINAGE STRUCTURES
-,		TEXTILE	22	EA	FRAME WITH TWO GRATES, STD
1,472	LF	**" SIDE DRAIN PIPE	22	LA	840.16
		(30")	69	EA	FRAME WITH TWO GRATES, STD
348	LF	**" SIDE DRAIN PIPE		2.1	840.24
		(36")	14	EA	FRAME WITH TWO GRATES, STD
396	LF	**" SIDE DRAIN PIPE			840.29
		(42")	3	EA	FRAME WITH GRATE & HOOD, STD
2,112	LF	15" SIDE DRAIN PIPE			840.03, TYPE **
1,128	LF	18" SIDE DRAIN PIPE			(E)
1,880	LF	24" SIDE DRAIN PIPE	10	EA	FRAME WITH GRATE & HOOD, STD
16	EA	**" SIDE DRAIN PIPE ELBOWS			840.03, TYPE **
		(15")	11	EA	(F)
16	LF	15" RC PIPE CULVERTS, CLASS	11	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
24	LE	III			(G)
24	LF	24" RC PIPE CULVERTS, CLASS III	39	EA	FRAME WITH COVER, STD 840.54
360	LF	****" RC PIPE CULVERTS, CLASS	20	EA	CONCRETE TRANSITIONAL SECTION
300	LI	IV			FOR DROP INLET
		(48")	2,000	LF	1'-6" CONCRETE CURB & GUTTER
24	LF	****" RC PIPE CULVERTS, CLASS	4,900	LF	2'-6" CONCRETE CURB & GUTTER
		IV	780	LF	SHOULDER BERM GUTTER
		(66")	200	LF	CONCRETE EXPRESSWAY GUTTER
308	LF	****" RC PIPE CULVERTS, CLASS	1,100	SY	4" CONCRETE SIDEWALK
		IV	10	EA	CONCRETE CURB RAMP
		(72")	70	SY	4" CONCRETE ISLAND COVER
4,120	LF	15" RC PIPE CULVERTS, CLASS IV	4,400	SY	5" MONOLITHIC CONCRETE ISLANDS
652	LF	18" RC PIPE CULVERTS, CLASS IV	,,,,,		(KEYED IN)
1,124	LF	24" RC PIPE CULVERTS, CLASS IV	1,075	LF	PRECAST REINFORCED CONCRETE
988	LF	30" RC PIPE CULVERTS, CLASS IV			BARRIER, SINGLE FACED
524	LF	36" RC PIPE CULVERTS, CLASS IV	230	LF	GENERIC PAVING ITEM
524	LF	42" RC PIPE CULVERTS, CLASS IV			MEDIAN HAZARD PROTECTION
100	LF	**" WELDED STEEL PIPE, ****"	5	EA	IMPACT ATTENUATOR UNIT, TYPE
		THICK, GRADE B IN SOIL			350
100	LE	(66", 0.5")	2,850	LF	STEEL BM GUARDRAIL
100	LF	**" WELDED STEEL PIPE, ****" THICK, GRADE B NOT IN SOIL	575	LF	STEEL BM GUARDRAIL, SHOP
		(66", 0.5")			CURVED
3,164	LF	PIPE REMOVAL	10	EA	ADDITIONAL GUARDRAIL POSTS
160	SY	6" SLOPE PROTECTION	5	EA	GUARDRAIL ANCHOR UNITS, TYPE
Lump Sum	LS	FINE GRADING			AT-1
8,500	CY	SHALLOW UNDERCUT	3	EA	GUARDRAIL ANCHOR UNITS, TYPE
17,000	TON	CLASS IV SUBGRADE STABILIZA-	-	г.	CAT-1
17,000	ION	TION	2	EA	GUARDRAIL ANCHOR UNITS, TYPE
500	TON	CLASS IV AGGREGATE STABILIZA-	10	EA	GUARDRAIL ANCHOR UNITS, TYPE
2.30		TION	10	LA	350

			265	EA	TEMPORARY RAISED PAVEMENT
			47,359	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING
18	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	24,001	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
1,410 1,100	LF LF	REMOVE EXISTING GUARDRAIL TEMPORARY STEEL BM GUARDRAIL	4,847	LF	LINES (4", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
6	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ************************************	1,639	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
1	EA	(B-77) TEMPORARY GUARDRAIL ANCHOR	241	LF	LINES (8", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
		UNITS, TYPE ************************************	2,449	LF	LINES (12", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ********	24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
5	EA	(W-BEAM) TEMPORARY GUARDRAIL ANCHOR	288	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
16,000	LF	UNITS, TYPE 350 WOVEN WIRE FENCE, 47" FABRIC	1,713	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4")
1,005 275	EA EA	4" TIMBER FENCE POSTS, 7'-6" LONG 5" TIMBER FENCE POSTS, 8'-0"	1,648	LF	(II) COLD APPLIED PLASTIC PAVEMENT
200	LF	LONG ADDITIONAL BARBED WIRE			MARKING LINES, TYPE ** (4") (IV)
1	EA	DOUBLE GATES, **" HIGH, **' WIDE, **' OPENING	8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
		(48", 10', 20')	73,188	LF	PAINT PAVEMENT MARKING LINES
465 165	TON TON	RIP RAP, CLASS I RIP RAP, CLASS B	1.056	LF	(4")
3,650	SY	GEOTEXTILE FOR DRAINAGE	1,956	LF	PAINT PAVEMENT MARKING LINES (8")
4	CY	REINFORCED CONCRETE SIGN FOUN-	1,154	LF	PAINT PAVEMENT MARKING LINES (24")
2	CY	DATIONS PLAIN CONCRETE SIGN FOUNDA-	146	EA	PAINT PAVEMENT MARKING SYMBOL
42	CV.	TIONS	6	LF	REMOVAL OF PAVEMENT MARKING
42 5,123	CY LB	OVERHEAD FOOTING SUPPORTS, BREAKAWAY STEEL BEAM	66	LF	LINES (4") REMOVAL OF PAVEMENT MARKING
755	LB	SUPPORTS, SIMPLE STEEL BEAM		.	LINES (24")
2,700	LF LS	SUPPORTS, 3-LB STEEL U-CHANNEL	1	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
Lump Sum	L3	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA ****** (116+75 -L-)	1,628	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	2	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
		TURE AT STA ****** (124+75 -L-)	429	LF	6" WATER LINE
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	302	LF	8" WATER LINE
		TURE AT STA ****** (91+85 -L-)		LF LF	16" WATER LINE 20" WATER LINE
8	EA	SIGN ERECTION, TYPE D		LF	24" WATER LINE
190 27	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F	25,175	LB	DUCTILE IRON WATER PIPE
3	EA	SIGN ERECTION, TYPE *** (OVER-	2	EA	FITTINGS 6" VALVE
		HEAD) (A)	1	EA	8" VALVE
11	EA	SIGN ERECTION, TYPE ***		EA	20" VALVE
		(GROUND MOUNTED) (A)		EA EA	2" BLOW OFF RELOCATE WATER METER
5	EA	SIGN ERECTION, RELOCATE, TYPE	14	EA	RECONNECT WATER METER
		**** (GROUND MOUNTED) (A)		EA EA	FIRE HYDRANT RELOCATE FIRE HYDRANT
18	EA	SIGN ERECTION, RELOCATE, TYPE		LF	8" SANITARY GRAVITY SEWER
		**** (GROUND MOUNTED) (D)	175	LF	10" SANITARY GRAVITY SEWER
3	EA	DISPOSAL OF SUPPORT, STEEL		LF EA	24" SANITARY GRAVITY SEWER
	E.4	BEAM		EA	4' DIA UTILITY MANHOLE 5' DIA UTILITY MANHOLE
1 158	EA EA	DISPOSAL OF SUPPORT, WOOD DISPOSAL OF SIGN SYSTEM, U-	12.3	LF	UTILITY MANHOLE WALL, 4' DIA
		CHANNEL		LF LF	UTILITY MANHOLE WALL, 5' DIA ABANDON 6" UTILITY PIPE
14 16	EA EA	DISPOSAL OF SIGN SYSTEM, WOOD DISPOSAL OF SUPPORT, U-CHANNEL		LF	ABANDON 8" UTILITY PIPE
1,458	SF	WORK ZONE SIGNS (STATIONARY)	490	LF	ABANDON 12" UTILITY PIPE
192	SF	WORK ZONE SIGNS (PORTABLE)		LF	ABANDON 16" UTILITY PIPE
203	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)		LF LF	ABANDON 20" UTILITY PIPE ABANDON 24" UTILITY PIPE
2	EA	FLASHING ARROW BOARD		EA	REMOVE FIRE HYDRANT
6	EA	PORTABLE CHANGEABLE MESSAGE SIGN		EA LF	REMOVE UTILITY MANHOLE
682	EA	DRUMS		LF	16" ENCASEMENT PIPE 18" ENCASEMENT PIPE
41	EA	CONES		LF	36" ENCASEMENT PIPE
744 200	LF HR	BARRICADES (TYPE III) FLAGGER	78	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
7	EA	TEMPORARY CRASH CUSHIONS	77	LF	TRENCHLESS INSTALLATION OF 16"
4	EA	RESET TEMPORARY CRASH CUSHION	22	I F	NOT IN SOIL TRENCHIESS INSTALLATION OF 18"
4 3,842	EA LF	TMA PORTABLE CONCRETE BARRIER	33	LF	TRENCHLESS INSTALLATION OF 18" IN SOIL
205	LF	PORTABLE CONCRETE BARRIER	32	LF	TRENCHLESS INSTALLATION OF 18" NOT IN SOIL
3,454	LF	(ANCHORED) RESET PORTABLE CONCRETE BAR-	323	LF	TRENCHLESS INSTALLATION OF 20" IN SOIL
80	HR	RIER LAW ENFORCEMENT	323	LF	TRENCHLESS INSTALLATION OF 20" NOT IN SOIL
15	EA	TUBULAR MARKERS (FIXED)	93	LF	TRENCHLESS INSTALLATION OF 36"
1,100	LF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ASPHALT ISLAND			IN SOIL

10 EA EXTERNAL LOOP EMULATOR PROCESSING UNIT

			23	EA	RELOCATE CAMERA SENSOR UNIT
			11,404	LF	COMMUNICATIONS CABLE (**FIBER)
92	LF	TRENCHLESS INSTALLATION OF 36" NOT IN SOIL	11,404	Li	(24)
26,000	LF	TEMPORARY SILT FENCE	1,676	LF	COMMUNICATIONS CABLE (**FIBER)
1,150	TON	STONE FOR EROSION CONTROL,			(36)
1,130	1011	CLASS A	7,268	LF	DROP CABLE
1,850	TON	STONE FOR EROSION CONTROL,	9	EA	SPLICE ENCLOSURE
		CLASS B	16	EA	MODIFY SPLICE ENCLOSURE
3,370	TON	SEDIMENT CONTROL STONE	19	EA	INTERCONNECT CENTER
67.5	ACR	TEMPORARY MULCHING	2	EA	DELINEATOR MARKER
2,600	LB	SEED FOR TEMPORARY SEEDING	4,646	LF	REMOVE EXISTING COMMUNICATIONS CABLE
14	TON	FERTILIZER FOR TEMPORARY SEED-	20	EA	METAL STRAIN SIGNAL POLE
		ING	28	EA	METAL STRAIN SIGNAL POLE METAL POLE WITH SINGLE MAST
1,550	LF	TEMPORARY SLOPE DRAINS	0	LA	ARM
600	LF	SAFETY FENCE	34	EA	SOIL TEST
9,220	CY	SILT EXCAVATION	324	CY	DRILLED PIER FOUNDATION
14,000	SY	MATTING FOR EROSION CONTROL	1	EA	METAL STRAIN POLE DESIGN
3,465 10,775	SY LF	COIR FIBER MAT 1/4" HARDWARE CLOTH	6	EA	MAST ARM WITH METAL POLE DE-
250	SY	LOW PERMEABILITY GEOTEXTILE			SIGN
7	EA	SPECIAL STILLING BASINS	35	EA	SIGN FOR SIGNALS
7,200	LF	WATTLE	9	EA	TYPE II PEDESTAL WITH FOUND-
5,220	LB	POLYACRYLAMIDE (PAM)			ATION
1,905	LF	COIR FIBER BAFFLE	9	EA	RELOCATE EXISTING SIGN
2	EA	**" SKIMMER	14	EA	SIGNAL CABINET FOUNDATION
		(1-1/2")	14	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
3	EA	**" SKIMMER	1	EA	CONTROLLER WITH CABINET (TYPE
		(2")	•		2070L, POLE MOUNTED)
42	ACR	SEEDING & MULCHING	93	EA	DETECTOR CARD (TYPE 2070L)
33	ACR	MOWING	14	EA	CABINET BASE EXTENDER
700	LB	SEED FOR REPAIR SEEDING	1	EA	GENERIC SIGNAL ITEM
2	TON	FERTILIZER FOR REPAIR SEEDING			CCTV ELECTRICAL SERVICE
975	LB	SEED FOR SUPPLEMENTAL SEEDING	1	EA	GENERIC SIGNAL ITEM
29.25	TON	FERTILIZER TOPDRESSING			CCTV METAL POLE (60')
135	LF	IMPERVIOUS DIKE	15	EA	GENERIC SIGNAL ITEM
	MHR		0	EA	ETHERNET EDGE SWITCH GENERIC SIGNAL ITEM
150	EA	RESPONSE FOR EROSION CONTROL	8	EA	EV PREEMPT PHASE SELECTOR
0.1	ACR	REFORESTATION	10	EA	GENERIC SIGNAL ITEM
10	EA	GENERIC EROSION CONTROL ITEM			INFRARED DETECTOR
27,720	LF	CONCRETE WASHOUT STRUCTURE SIGNAL CABLE	1	EA	GENERIC SIGNAL ITEM
206	EA	VEHICLE SIGNAL HEAD (12", 3			RELOCATE EXISTING CCTV CABINET
200	LA	SECTION)			(POLE MOUNT)
14	EA	VEHICLE SIGNAL HEAD (12", 4	1	EA	GENERIC SIGNAL ITEM RELOCATE EXISTING CCTV CAMERA
		SECTION)			ASSEMBLY
20	EA	VEHICLE SIGNAL HEAD (12", 5	32	EA	GENERIC SIGNAL ITEM
		SECTION)			RELOCATE INFRARED DETECTOR
3	EA	MODIFY EXISTING VEHICLE SIGNAL	12	EA	GENERIC SIGNAL ITEM
33	EA	HEAD			REMOVE COMMINICATIONS WOOD
33	EA	RELOCATE EXISTING VEHICLE SIG- NAL HEAD		г.	POLE
5,294	LF	MESSENGER CABLE (1/4")	1	EA	GENERIC SIGNAL ITEM SOIL TEST FOR CCTV METAL POLE
11,200	LF	MESSENGER CABLE (3/8")	1,005	LF	GENERIC SIGNAL ITEM
473	LF	TRACER WIRE	-,		BACK PULL FIBER OPTIC CABLE
130	LF	PAVED TRENCHING (********)	7,490	LF	GENERIC SIGNAL ITEM
		(1, 2")			INFRARED DETECTOR CABLE
7,902	LF	UNPAVED TRENCHING (*******)	8	CY	GENERIC SIGNAL ITEM
		(1, 2")			DRILLED PIER FOUNDATION FOR CCTV METAL POLE
340	LF	UNPAVED TRENCHING (********)			CCTV METAL FOLE
680	LF	(2, 2") UNPAVED TRENCHING (********)			
000	LI	(3, 2")			
250	LF	UNPAVED TRENCHING FOR TEMP-			CULVERT ITEMS
		ORARY LEAD-IN			
540	LF	DIRECTIONAL DRILL (*******)			
		(1, 2")	Lump Sum	LS	CULVERT EXCAVATION, STA ******
275	LF	DIRECTIONAL DRILL (*******)	46	TON	(113+48.00 -L-) FOUNDATION CONDITIONING MATER-
200	LE	(2, 2") DIRECTIONAL DRILL (********)	40	ION	IAL, BOX CULVERT
280	LF	(3, 2")	104.4	CY	CLASS A CONCRETE (CULVERT)
83	EA	JUNCTION BOX (STANDARD SIZE)	9,668	LB	REINFORCING STEEL (CULVERT)
19	EA	JUNCTION BOX (OVER-SIZED, HEA-	,,,,,		,
		VY DUTY)			
37	EA	WOOD POLE			TAVA T T TODAY FO
68	EA	GUY ASSEMBLY			WALL ITEMS
15	EA	1" RISER WITH WEATHERHEAD			
36	EA	2" RISER WITH WEATHERHEAD		C.F.	MCE DETAINING WALL NO ****
9	EA	HEAT SHRINK TUBING RETROFIT	1,260	SF	MSE RETAINING WALL NO **** (1)
		KIT	9,990	SF	GENERIC RETAINING WALL ITEM
19	EA	2" RISER WITH HEAT SHRINK	9,990	эг	ARCHITECTURAL CONCRETE SURFACE
17.000	I P	TUBING			TREATMENT
17,960	LF	INDUCTIVE LOOP SAWCUT	9,990	SF	GENERIC RETAINING WALL ITEM
50,580	LF	LEAD-IN CABLE (*********) (14-2)			NOISE WALL
13	EA	SITE SURVEY			
34	EA	LUMINAIRE ARM FOR VIDEO SYSTEM			
34	EA	CAMERA WITHOUT INTERNAL LOOP			
٠.		EMULATOR PROCESSING UNIT			

385 SF SHEET PILE RETAINING WALLS

*** OR ***

385 SF SOLDIER PILE RETAINING WALLS

*** END SCHEDULE IA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***********
		(61+03.00 -L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		(61+03.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	(18+22.61 -Y1- LT) REMOVAL OF EXISTING STRUCTURE
Lump Sum	Lo	AT STATION ************************************
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURES AT STATION **********
		(61+03.00 -L-)
318	LF	3'-6" DIA DRILLED PIERS IN SOIL
47	LF	4'-0" DIA DRILLED PIERS IN SOIL
166	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
22	LF	4'-0" DIA DRILLED PIERS NOT IN
42.2	LF	SOIL REPLANENT STEEL CASING FOR
42.2	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
6	EA	SID INSPECTIONS
4	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ******** (18+22.61 -Y1- LT)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ************************************
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *******
		(61+03.00 -L-)
43,247	SF	REINFORCED CONCRETE DECK SLAB
45,671	SF	GROOVING BRIDGE FLOORS
555	CY LS	CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	**********
		(18+22.61 -Y1- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(18+22.61 -Y1- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION

122,630	LB	(61+03.00 -L-) REINFORCING STEEL (BRIDGE)
15,983	LB	SPIRAL COLUMN REINFORCING
- ,		STEEL (BRIDGE)
1,231,369	LS	APPROX LBS STRUCTURAL STEEL
60	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES
1,750	LF	(HP 12 X 53) HP12X53 STEEL PILES
394.9	LF	THREE BAR METAL RAIL
817.47	LF	CONCRETE BARRIER RAIL
1,374	SY	4" SLOPE PROTECTION
845	TON	RIP RAP CLASS II (2'-0" THICK)
940	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	GENERIC STRUCTURE ITEM ASBESTOS ASSESSMENT
		ADDED TOO ADDEDDINENT

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L170516 002

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203903 38543.3.1 DIV OFFICE WILSON LENGTH = 0.099 MI

COUNTY : JOHNSTON

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 1.0% WBE 2.0% COMPLETION DATE: MAY 14 2018

BRIDGE #11 OVER MILL CREEK ON SR-1201.

0.5 TON FERTILIZER TOPDRESSING
10 MHR SPECIALIZED HAND MOWING
13 EA RESPONSE FOR EROSION CONTROL

0.1 ACR REFORESTATION

		ROADWAY ITEMS			
Lump Sum	LS	MOBILIZATION	2	EA	GENERIC EROSION CONTROL ITEM
Lump Sum	LS	CONSTRUCTION SURVEYING	-		CONCRETE WASHOUT STRUCTURE
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION *******			
		(16+82 -L-)			STRUCTURE ITEMS
Lump Sum 1	LS ACR	GRADING SUPPLEMENTARY CLEARING & GRUB- BING			STRUCTURETTEMS
200	CY	UNDERCUT EXCAVATION	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
200	CY	SELECT GRANULAR MATERIAL	1		AT STATION ********
200	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	2	EA	(16+82.00 -L-) PDA TESTING
10	TON	FOUNDATION CONDITIONING MATE-	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION *******
25	cv	RIAL, MINOR STRUCTURES			(16+82.00 -L-)
25	SY	FOUNDATION CONDITIONING GEO- TEXTILE	5,404	SF	CONCRETE WEARING SURFACE
68	LF	15" DRAINAGE PIPE	5,491	SF	GROOVING BRIDGE FLOORS
100	TON	INCIDENTAL STONE BASE	67.6	CY	CLASS A CONCRETE (BRIDGE)
280	SY	INCIDENTAL MILLING	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
203	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			************* (16+82.00 -L-)
220	TON	ASPHALT CONC SURFACE COURSE,	9,828	LB	REINFORCING STEEL (BRIDGE)
		TYPE SF9.5A	14	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES
25	TON	ASPHALT BINDER FOR PLANT MIX			(HP 12 X 53)
8	EA EA	RIGHT OF WAY MARKERS MASONRY DRAINAGE STRUCTURES	14	EA	PILE DRIVING EQUIPMENT SETUP
4	EA	FRAME WITH TWO GRATES, STD			FOR *** GALVANIZED STEEL PILES (PP 18 X 0.50)
4	LA	840.29	630	LF	HP12X53 STEEL PILES
70	LF	SHOULDER BERM GUTTER	1,050	LF	PP 18 X 0.50 GALVANIZED STEEL
50	LF	STEEL BM GUARDRAIL	1,000		PILES
5	EA	ADDITIONAL GUARDRAIL POSTS	14	EA	PIPE PILE PLATES
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	14	EA	PILE REDRIVES
4	EA	III GUARDRAIL ANCHOR UNITS, TYPE	350.5 230	LF TON	VERTICAL CONCRETE BARRIER RAIL RIP RAP CLASS II (2'-0" THICK)
50	LF	350 REMOVE EXISTING GUARDRAIL			(16+82.00 -L-)
5	TON	RIP RAP, CLASS B	260	SY	GEOTEXTILE FOR DRAINAGE
220	SY	GEOTEXTILE FOR DRAINAGE	Lump Sum	LS	ELASTOMERIC BEARINGS (16+82.00 -L-)
278	SF	WORK ZONE SIGNS (STATIONARY)	1,925	LF	3'-0" X 2'-0" PRESTRESSED CONC
94	SF	WORK ZONE SIGNS (BARRICADE			CORED SLABS
		MOUNTED)	Lump Sum	LS	GENERIC STRUCTURE ITEM
80	LF	BARRICADES (TYPE III)			ASBESTOS ASSESSMENT
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
6	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,000	LF	TEMPORARY SILT FENCE			
65	TON	STONE FOR EROSION CONTROL, CLASS A			
70	TON	STONE FOR EROSION CONTROL,			
60	TON	CLASS B SEDIMENT CONTROL STONE			
1		TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
0.5		FERTILIZER FOR TEMPORARY SEED- ING			
200	LF	TEMPORARY SLOPE DRAINS			
200	LF	SAFETY FENCE			
100	CY	SILT EXCAVATION			
1,250	SY	MATTING FOR EROSION CONTROL			
50	SY	COIR FIBER MAT			
225	LF	1/4" HARDWARE CLOTH FLOATING TURBIDITY CURTAIN			
85 1	SY ACR	SEEDING & MULCHING			
		MOWING			
50	LB	SEED FOR REPAIR SEEDING			
		FERTILIZER FOR REPAIR SEEDING			
	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.5		EEDTH IZED TODDDESSING			

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L170516 003

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203806 38600.3.2 DIV OFFICE DURHAM LENGTH = 0.105 MI

COUNTY: WAKE, FRANKLIN

CLASS A

15 TON STONE FOR EROSION CONTROL, CLASS B

115 TON SEDIMENT CONTROL STONE

1 ACR TEMPORARY MULCHING

100 LB SEED FOR TEMPORARY SEEDING

0.5 TON FERTILIZER FOR TEMPORARY SEEDING

200 LF TEMPORARY SLOPE DRAINS

400 LF SAFETY FENCE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE: MAY 07 2018

BRIDGE #20 OVER MOCCASIN CREEK ON NC-97.

		ROADWAY ITEMS	100	CY	SILT EXCAVATION
		KOMD WITTENIG	2,000	SY	MATTING FOR EROSION CONTROL
			100	SY	COIR FIBER MAT
Lump Sum	LS	MOBILIZATION	325	LF	1/4" HARDWARE CLOTH
Lump Sum	LS	CONSTRUCTION SURVEYING	200	SY	FLOATING TURBIDITY CURTAIN
Lump Sum	LS	REINFORCED BRIDGE APPROACH	2	EA	SPECIAL STILLING BASINS
		FILL, STATION ************************************	1	ACR	SEEDING & MULCHING
Lump Sum	LS	(15+32.50 -L-) GRADING	0.5	ACR	MOWING
Lump Sum 1	ACR	SUPPLEMENTARY CLEARING & GRUB-	50	LB TON	SEED FOR REPAIR SEEDING
	ACK	BING	0.25 50	LB	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
400	CY	UNDERCUT EXCAVATION	0.75	TON	FERTILIZER TOPDRESSING
400	CY	SELECT GRANULAR MATERIAL	175	LF	IMPERVIOUS DIKE
400	SY	GEOTEXTILE FOR SOIL STABILIZA-	10	MHR	SPECIALIZED HAND MOWING
		TION	18	EA	RESPONSE FOR EROSION CONTROL
650	SY	ROCK PLATING	0.1	ACR	REFORESTATION
20	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	2	EA	GENERIC EROSION CONTROL ITEM
50	SY	FOUNDATION CONDITIONING GEO-			CONCRETE WASHOUT STRUCTURE
		TEXTILE			
56	LF	15" DRAINAGE PIPE			
4	EA	**" DRAINAGE PIPE ELBOWS			STRUCTURE ITEMS
80	LF	(15") 15" RC PIPE CULVERTS, CLASS IV			
100	TON	INCIDENTAL STONE BASE			
330	TON	ASPHALT CONC BASE COURSE, TYPE	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
330	1011	B25.0B			**********
370	TON	ASPHALT CONC INTERMEDIATE			(15+32.50 -L-)
		COURSE, TYPE I19.0B	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
160	TON	ASPHALT CONC SURFACE COURSE,			AT STATION ************************************
45	TON	TYPE S9.5B ASPHALT BINDER FOR PLANT MIX	I C	LS	(15+32.50 -L-) UNCLASSIFIED STRUCTURE EXCAVA-
45 8	EA	RIGHT OF WAY MARKERS	Lump Sum	LS	TION AT STATION *******
4	EA	MASONRY DRAINAGE STRUCTURES			(15+32.50 -L-)
4	EA	FRAME WITH TWO GRATES, STD	58	CY	CLASS A CONCRETE (BRIDGE)
		840.29	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
115	LF	SHOULDER BERM GUTTER			**************************************
175	LF	STEEL BM GUARDRAIL	9,616	LB	REINFORCING STEEL (BRIDGE)
5	EA	ADDITIONAL GUARDRAIL POSTS	14	EA	PILE DRIVING EQUIPMENT SETUP
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			FOR *** STEEL PILES
4	EA	III GUARDRAIL ANCHOR UNITS, TYPE			(HP 12 X 53)
-	LA	350	210	LF	HP12X53 STEEL PILES
890	TON	RIP RAP, CLASS II	14	EA	STEEL PILE POINTS
2	TON	RIP RAP, CLASS B	210	LF TON	VERTICAL CONCRETE BARRIER RAIL
1,550	SY	GEOTEXTILE FOR DRAINAGE	185 205	SY	RIP RAP CLASS II (2'-0" THICK) GEOTEXTILE FOR DRAINAGE
54.6	SF	CONTRACTOR FURNISHED, TYPE ***	Lump Sum	LS	ELASTOMERIC BEARINGS
		SIGN (D)	1,155	LF	3'-0" X 3'-3" PRESTRESSED CONC
156	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	-,		BOX BEAMS
4	EA	SIGN ERECTION, TYPE D	Lump Sum	LS	GENERIC STRUCTURE ITEM
6	EA	DISPOSAL OF SIGN SYSTEM, U-			ASBESTOS ASSESSMENT
		CHANNEL	1,500	DOL	CONTRACT TIME
420	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE			
20	DAV	MOUNTED) PORTABLE CHANGEABLE MESSAGE			
26	DAI	SIGN (SHORT TERM)			
6	EA	DRUMS			
96	LF	BARRICADES (TYPE III)			
1,110	LF	THERMOPLASTIC PAVEMENT MARKING			
1 110	LF	LINES (4", 90 MILS) THERMORI ASTIC DAVEMENT MARKING			
1,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
7	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,400	LF	TEMPORARY SILT FENCE			
		STONE FOR EROSION CONTROL,			
		CLASS A			

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L170516 004

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C203492 38664.3.4 DIV OFFICE DURHAM LENGTH = 1.756 MI

COUNTY : DURHAM

GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERT.

DBE GOAL 10.0% COMPLETION DATE: MAY 14 2019

SR-2220 (OLD CHAPEL HILL ROAD) FROM SR-1113 (POPE ROAD) TO SR-1116 (GARRETT ROAD).

			11.160		ALCH CONCRETE CURR A CUMPER
		ROADWAY ITEMS	11,160 7,210	LF SY	2'-6" CONCRETE CURB & GUTTER 4" CONCRETE SIDEWALK
			40	EA	CONCRETE SIDEWALK CONCRETE CURB RAMP
Lump Sum	LS	MOBILIZATION	1,230	SY	6" CONCRETE DRIVEWAY
Lump Sum	LS	CONSTRUCTION SURVEYING	120	SY	5" MONOLITHIC CONCRETE ISLANDS
1,460	CY	UNDERCUT EXCAVATION			(KEYED IN)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-	160	SY	GENERIC PAVING ITEM 8" REINFORCED CONCRETE
I C	1.0	BING			TRUCK APRON
Lump Sum 27,820	LS CY	GRADING BORROW EXCAVATION	3	EA	ADJUSTMENT OF CATCH BASINS
50	CY	DRAINAGE DITCH EXCAVATION	33	EA	ADJUSTMENT OF MANHOLES
3	HR	PROOF ROLLING	9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,460	CY	SELECT GRANULAR MATERIAL	1,675	LF	STEEL BM GUARDRAIL
4,600	SY	GEOTEXTILE FOR SOIL STABILIZA-	10	EA	ADDITIONAL GUARDRAIL POSTS
2,502	SF	TION TEMPORARY SHORING	2	EA	GUARDRAIL ANCHOR UNITS, TYPE
690	TON	FOUNDATION CONDITIONING MATE-	11	EA	CAT-1
		RIAL, MINOR STRUCTURES	11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,170	SY	FOUNDATION CONDITIONING GEO-	1,551	LF	REMOVE EXISTING GUARDRAIL
428	LF	TEXTILE 15" DRAINAGE PIPE	25	LF	WOVEN WIRE FENCE, 47" FABRIC
164	LF	18" DRAINAGE PIPE	5	EA	5" TIMBER FENCE POSTS, 8'-0"
80	LF	24" DRAINAGE PIPE	78	LF	LONG CHAIN LINK FENCE, **" FABRIC
60	LF	30" DRAINAGE PIPE	70		(60")
2	EA	**" DRAINAGE PIPE ELBOWS	167	LF	CHAIN LINK FENCE, **" FABRIC
108	LF	(15") ***** RC PIPE CULVERTS, CLASS	260		(72")
100	LI	IV	360 7	LF EA	CHAIN LINK FENCE, 48" FABRIC METAL LINE POSTS FOR **" CHAIN
		(48")	,	LA	LINK FENCE
3,092	LF	15" RC PIPE CULVERTS, CLASS IV			(60")
1,420 992	LF LF	18" RC PIPE CULVERTS, CLASS IV 24" RC PIPE CULVERTS, CLASS IV	14	EA	METAL LINE POSTS FOR **" CHAIN LINK FENCE
140	LF	30" RC PIPE CULVERTS, CLASS IV			(72")
2,751	LF	PIPE REMOVAL	30	EA	METAL LINE POSTS FOR 48" CHAIN
1,000	CY	SHALLOW UNDERCUT	2	г.	LINK FENCE
2,000	TON	CLASS IV SUBGRADE STABILIZA-	2	EA	METAL TERMINAL POSTS FOR **" CHAIN LINK FENCE
1.040	TON	TION			(60")
1,940	TON TON	AGGREGATE BASE COURSE INCIDENTAL STONE BASE	3	EA	METAL TERMINAL POSTS FOR **"
1,485	GAL	PRIME COAT			CHAIN LINK FENCE (72")
3,640	SY	MILLING ASPHALT PAVEMENT, ***"	12	EA	METAL TERMINAL POSTS FOR 48"
		DEPTH (1-1/2")			CHAIN LINK FENCE
4,320	SY	INCIDENTAL MILLING	131	LF	GENERIC FENCING ITEM WOOD FENCE RESET
4,240	TON	ASPHALT CONC BASE COURSE, TYPE	340	LF	GENERIC FENCING ITEM
		B25.0B			PEDESTRIAN SAFETY RAIL
5,810	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	70	TON	RIP RAP, CLASS I
5,570	TON	ASPHALT CONC SURFACE COURSE,	140 170	TON TON	RIP RAP, CLASS II RIP RAP, CLASS B
		TYPE S9.5B	3,680	SY	GEOTEXTILE FOR DRAINAGE
200	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	1	EA	PREFORMED SCOUR HOLES WITH
805	TON	ASPHALT BINDER FOR PLANT MIX			LEVEL SPREADER APRON
400	TON	ASPHALT PLANT MIX, PAVEMENT	380	SF	CONTRACTOR FURNISHED, TYPE *** SIGN
		REPAIR			(E)
6	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE	1,800	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
		STRUCTURE	77	EA	SIGN ERECTION, TYPE E
6	CY	ENDWALLS	54	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
0.846	CY	PIPE COLLARS			(E)
3.3	CY EA	FLOWABLE FILL MASONRY DRAINAGE STRUCTURES	23	EA	DISPOSAL OF SIGN SYSTEM, U-
66 16.42	LF	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	58	EA	CHANNEL STOCKPILE SIGN, D, E OR F
5	EA	FRAME WITH TWO GRATES, STD	630	SF	WORK ZONE SIGNS (STATIONARY)
		840.16	100	SF	WORK ZONE SIGNS (PORTABLE)
1	EA	FRAME WITH TWO GRATES, STD 840.24	180	SF	WORK ZONE SIGNS (BARRICADE
10	EA	FRAME WITH GRATE & HOOD, STD	2	г.	MOUNTED)
10	2	840.03, TYPE **	3 2	EA EA	FLASHING ARROW BOARD PORTABLE CHANGEABLE MESSAGE
		(E)	2	LA	SIGN
23	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	400	EA	DRUMS
		(F)	50	EA	CONES
23	EA	FRAME WITH GRATE & HOOD, STD	176	LF	BARRICADES (TYPE III)
		840.03, TYPE ** (G)	2,000	HR EA	FLAGGER TEMPORARY CRASH CUSHIONS
4	EA	FRAME WITH COVER, STD 840.54	3	EA	RESET TEMPORARY CRASH CUSHION
330	LF	1'-6" CONCRETE CURB & GUTTER	520	LF	PORTABLE CONCRETE BARRIER

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450		DECOMPOSE IN FORMATION IN	
170	LF	RESET PORTABLE CONCRETE BAR- RIER	
100	HR	LAW ENFORCEMENT	
150	EA	SKINNY DRUM	
170	EA	TEMPORARY RAISED PAVEMENT MARKERS	
15,870	LF	THERMOPLASTIC PAVEMENT MARKING	
23,250	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING	
23,230	LF	LINES (4", 120 MILS)	
470	LF	THERMOPLASTIC PAVEMENT MARKING	
1,450	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING	
-,		LINES (8", 120 MILS)	
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	
50	LF	THERMOPLASTIC PAVEMENT MARKING	
		LINES (12", 120 MILS)	
1,150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	
15	EA	THERMOPLASTIC PAVEMENT MARKING	
195	EA	CHARACTER (120 MILS) THERMOPLASTIC PAVEMENT MARKING	
193	EA	SYMBOL (90 MILS)	
6,650	LF	PAINT PAVEMENT MARKING LINES	
1,030	LF	(4") PAINT PAVEMENT MARKING LINES	
1,050		(12")	
40	EA	PAINT PAVEMENT MARKING SYMBOL	
1,000	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)	
		(HIGHLY REFLECTIVE ELEMENTS)	
2,000	LF	POLYUREA PAVEMENT MARKING LINES (6", *********)	
		(HIGHLY REFLECTIVE ELEMENTS)	
1,300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	
180	EA	PERMANENT RAISED PAVEMENT	
		MARKERS	
4	EA EA	7' U-CHANNEL POSTS OBJECT MARKERS (TYPE **)	
4	LA	(III)	
195	LF	8" WATER LINE	
1,102 20	LF LF	12" WATER LINE 16" WATER LINE	
25,000	LB	DUCTILE IRON WATER PIPE	
		FITTINGS	
2	EA EA	8" VALVE 12" VALVE	
1	EA	8" TAPPING VALVE	
15	EA	RELOCATE WATER METER	
3	EA		ım
6 140	EA LF	FIRE HYDRANT 8" SANITARY GRAVITY SEWER	
225	LF	_	ım
3	EA	SANITARY SEWER CLEAN-OUT	
3	EA	4' DIA UTILITY MANHOLE	
15.3 156	LF LF	UTILITY MANHOLE WALL, 4' DIA ABANDON 8" UTILITY PIPE	
1,116	LF	ABANDON 12" UTILITY PIPE ABANDON 12" UTILITY PIPE	
6	EA	REMOVE FIRE HYDRANT	
50	LF	16" ENCASEMENT PIPE	
125	LF LF	24" ENCASEMENT PIPE TRENCHLESS INSTALLATION OF 24"	
38	LF	IN SOIL	
37	LF	TRENCHLESS INSTALLATION OF 24"	
18,200	LF	NOT IN SOIL TEMPORARY SILT FENCE	
190	TON	STONE FOR EROSION CONTROL,	
		CLASS A	
1,150	TON	STONE FOR EROSION CONTROL, CLASS B	
780	TON	SEDIMENT CONTROL STONE	
14	ACR	TEMPORARY MULCHING	
800	LB	SEED FOR TEMPORARY SEEDING	
5	TON	FERTILIZER FOR TEMPORARY SEED- ING	
380	LF	TEMPORARY SLOPE DRAINS	
1,000	LF	SAFETY FENCE	
1,700	CY	SILT EXCAVATION MATTING FOR EROSION CONTROL	
23,600 100	SY SY	MATTING FOR EROSION CONTROL COIR FIBER MAT	
850	SY	PERMANENT SOIL REINFORCEMENT	
2 150	I P	MAT	
2,150 350	LF LF	1/4" HARDWARE CLOTH **" TEMPORARY PIPE	
550	-L1.	(36")	
2	EA	SPECIAL STILLING BASINS	
530	LF	WATTLE	

530 LF WATTLE

POLYACRYLAMIDE (PAM) 240 LB 380 LF COIR FIBER BAFFLE **" SKIMMER EA (1-1/2")15 ACR SEEDING & MULCHING 12 ACR MOWING SEED FOR REPAIR SEEDING 150 LB FERTILIZER FOR REPAIR SEEDING 0.25 TON SEED FOR SUPPLEMENTAL SEEDING 300 LB 9 TON FERTILIZER TOPDRESSING 30 LF IMPERVIOUS DIKE 10 MHR SPECIALIZED HAND MOWING RESPONSE FOR EROSION CONTROL 75 EA REFORESTATION 0.1 ACR GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE 1 EA GENERIC EROSION CONTROL ITEM 30 EA FILTER SACK INLET PROTECTION GENERIC EROSION CONTROL ITEM 300 INLET TUBE "SILT SOCK" GENERIC EROSION CONTROL ITEM 30 WATTLE BARRIER PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN) SIGNAL CABLE 2.460 LF EA VEHICLE SIGNAL HEAD (12", 3 SECTION) VEHICLE SIGNAL HEAD WITH MUL-TIPLE OPTICALLY-PROGRAMMED 4 EA SECTIONS UNPAVED TRENCHING (********) 400 LF (2, 2") JUNCTION BOX (STANDARD SIZE) 750 INDUCTIVE LOOP SAWCUT LF LEAD-IN CABLE (**********) 3.600 LF (14-2) TYPE I POST WITH FOUNDATION 7 EA TYPE II PEDESTAL WITH FOUND-1 EA SIGNAL CABINET FOUNDATION EA CONTROLLER WITH CABINET (TYPE 1 EA 2070L, BASE MOUNTED) DETECTOR CARD (TYPE 2070L) 18 EA CABINET BASE EXTENDER 1 EA GENERIC SIGNAL ITEM 4 EA VEHICLE SIGNAL HEAD (12", 3-SECTION WITH BI-MODAL SECTION)

CULVERT ITEMS

REMOVAL OF EXISTING STRUCTURE np Sum LS AT STATION ******** (105+70-L-) np Sum CULVERT EXCAVATION, STA ***** (105+70 -L-) FOUNDATION CONDITIONING MATER-283 TON IAL, BOX CULVERT 369.6 CY CLASS A CONCRETE (CULVERT) 51,202 LB REINFORCING STEEL (CULVERT) GEOTEXTILE FOR DRAINAGE 953 SY

STRUCTURE ITEMS

900 LF GENERIC STRUCTURE ITEM PEDESTRIAN FENCING BARRIER RAIL MOUNTED

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L170516 005

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203844 34900.3.5

DIV OFFICE GREENSBORO

LENGTH = 3.457 MI

COUNTY :ALAMANCE

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

 $\label{eq:mbegoal4.0} MBE\ GOAL\ 4.0\%\ \ WBE\ 5.0\%\ \ \ COMPLETION\ DATE: NOV\ 27\ 2020$ NC-119 RELOCATION FROM I-40/85 TO SR-1921 (MEBANE ROGERS RD/ STAGE COACH RD).

			2.149	LE	24% D.C. DIDE CHILLYEDTS, CLASS W.
		ROADWAY ITEMS	2,148 352	LF LF	24" RC PIPE CULVERTS, CLASS IV 30" RC PIPE CULVERTS, CLASS IV
			80	LF	36" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	MOBILIZATION	344	LF	42" RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	CONSTRUCTION SURVEYING	748	LF	15" CS PIPE CULVERTS, 0.064"
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)			THICK
4	ACR	SUPPLEMENTARY CLEARING & GRUB-	68	LF	18" CS PIPE CULVERTS, 0.064"
		BING	124	LE	THICK
31	EA	SEALING ABANDONED WELLS	124	LF	24" CS PIPE CULVERTS, 0.064" THICK
377,000	CY	UNCLASSIFIED EXCAVATION	29	EA	**" CS PIPE ELBOWS, *****"
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			THICK
		(26+55 -L-)	2	г.	(15", 0.064")
72,440	CY	UNDERCUT EXCAVATION	3	EA	**" CS PIPE ELBOWS, *****" THICK
688,000	CY	BORROW EXCAVATION			(18", 0.064")
41,800	CY	DRAINAGE DITCH EXCAVATION	3	EA	**" CS PIPE ELBOWS, *****"
1,150	LF	BERM DITCH CONSTRUCTION			THICK
47,950	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	1	EA	(24", 0.064") **" CS PIPE ELBOWS, *****"
40	HR	PROOF ROLLING	1	LA	THICK
8,800	CY	SELECT GRANULAR MATERIAL			(30", 0.079")
69,100	SY	GEOTEXTILE FOR SOIL STABILIZA-	5,351	LF	PIPE REMOVAL
		TION	1	EA	PIPE CLEAN-OUT
2,200	SF	TEMPORARY SHORING	Lump Sum	LS	FINE GRADING
1,400	TON	ROCK EMBANKMENTS	71,070	SY	LIME TREATED SOIL (SLURRY METHOD)
950	SY	GEOTEXTILE FOR ROCK EMBANK- MENTS	720	TON	LIME FOR LIME TREATED SOIL
100	TON	GENERIC GRADING ITEM	18,500	CY	SHALLOW UNDERCUT
100	ION	STOCKPILING CONTAMINATED SOIL	35,000	TON	CLASS IV SUBGRADE STABILIZA-
1	EA	GENERIC GRADING ITEM			TION
		ENERGY DISSIPATOR BASIN	500	TON	STABILIZER AGGREGATE
4,050	TON	SELECT MATERIAL, CLASS *****	57,567	SY	GEOTEXTILE FOR PAVEMENT STA-
3,550	TON	(VI) FOUNDATION CONDITIONING MATE-	3,200	TON	BILIZATION AGGREGATE BASE COURSE
3,330	ION	RIAL, MINOR STRUCTURES	71,070	SY	SOIL CEMENT BASE
11,140	SY	FOUNDATION CONDITIONING GEO-	1,955	TON	PORTLAND CEMENT FOR SOIL CE-
		TEXTILE			MENT BASE
4,952	LF	15" DRAINAGE PIPE	1,960	TON	AGGREGATE FOR SOIL CEMENT BASE
1,792	LF	18" DRAINAGE PIPE	21,350	GAL	ASPHALT CURING SEAL
828	LF	24" DRAINAGE PIPE	1,000	TON	INCIDENTAL STONE BASE
292 208	LF LF	30" DRAINAGE PIPE 36" DRAINAGE PIPE	2,555	GAL	PRIME COAT
32	LF	42" DRAINAGE PIPE	19,790	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH
1,248	LF	15" SIDE DRAIN PIPE			(1-1/2")
444	LF	18" SIDE DRAIN PIPE	1,480	SY	MILLING ASPHALT PAVEMENT, ***"
332	LF	***" RC PIPE CULVERTS, CLASS			DEPTH (3")
		***** (20" V)	4,260	SY	INCIDENTAL MILLING
2,600	LF	(30", V) 15" RC PIPE CULVERTS, CLASS	25,050	TON	ASPHALT CONC BASE COURSE, TYPE
2,000		III			B25.0B
936	LF	18" RC PIPE CULVERTS, CLASS	10,750	TON	ASPHALT CONC BASE COURSE, TYPE
		III	21.970	TON	B25.0C
1,168	LF	24" RC PIPE CULVERTS, CLASS	21,870	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
1,000	LF	III 30" RC PIPE CULVERTS, CLASS	10,800	TON	ASPHALT CONC INTERMEDIATE
1,000		III			COURSE, TYPE I19.0C
496	LF	36" RC PIPE CULVERTS, CLASS	17,600	TON	ASPHALT CONC SURFACE COURSE,
		III	27.600	TON	TYPE S9.5B ASPHALT CONC SURFACE COURSE,
704	LF	42" RC PIPE CULVERTS, CLASS III	27,000	ION	TYPE S9.5C
664	LF	48" RC PIPE CULVERTS, CLASS	1,090	TON	ASPHALT CONC SURFACE COURSE,
		III			TYPE S9.5D
444	LF	54" RC PIPE CULVERTS, CLASS			ASPHALT BINDER FOR PLANT MIX
			65	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
116	LF	60" RC PIPE CULVERTS, CLASS III	1,150	TON	ASPHALT PLANT MIX, PAVEMENT
192	LF	66" RC PIPE CULVERTS, CLASS	-,		REPAIR
		III	2,430	LF	MILLED RUMBLE STRIPS (ASPHALT
208	LF	72" RC PIPE CULVERTS, CLASS			CONCRETE)
		III	1,848	CY	SUBDRAIN EXCAVATION
216	LF	****" RC PIPE CULVERTS, CLASS IV	924	CY	SUBDRAIN FINE AGGREGATE
		(48")	5,500 11	LF EA	6" PERFORATED SUBDRAIN PIPE SUBDRAIN PIPE OUTLET
220	LF	****" RC PIPE CULVERTS, CLASS	66	LF	6" OUTLET PIPE
		IV (66")	10	TON	BLOTTING SAND
9,300	LF	(66") 15" RC PIPE CULVERTS, CLASS IV	55.2	CY	ENDWALLS
1,152	LF LF	18" RC PIPE CULVERTS, CLASS IV	36.9	CY	REINFORCED ENDWALLS
1,152			0.447	CY	PIPE COLLARS

			25	TON	RIP RAP, CLASS II
			2,430	TON	RIP RAP, CLASS B
			12,350	SY EA	GEOTEXTILE FOR DRAINAGE
6 278	CY EA	FLOWABLE FILL MASONRY DRAINAGE STRUCTURES	2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
3	CY	MASONRY DRAINAGE STRUCTURES	1	CY	PLAIN CONCRETE SIGN FOUNDA-
137.6	LF	MASONRY DRAINAGE STRUCTURES	73	CY	TIONS OVERHEAD FOOTING
29	EA	FRAME WITH TWO GRATES, STD 840.16	1,294	LB	SUPPORTS, BREAKAWAY STEEL BEAM
50	EA	FRAME WITH TWO GRATES, STD	2,753	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	.	840.20	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
3	EA	FRAME WITH TWO GRATES, STD 840.22			(16+50 -RPC-)
64	EA	FRAME WITH TWO GRATES, STD	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
22	EA	840.24 FRAME WITH TWO GRATES, STD			(21+15 -L-)
		840.29	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			(25+44 -L-)
		(E)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
37	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			(28+17 -L-)
		(F)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
39	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **			(32+38 -L-)
		(G)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC- TURE AT STA *****
17	EA	FRAME WITH COVER, STD 840.54			(46+00 -L-)
1	EA	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	4	EA	SIGN ERECTION, TYPE D
18	EA	CONCRETE TRANSITIONAL SECTION	107 42	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
1	EA	FOR DROP INLET **" SLUICE GATE	2	EA	SIGN ERECTION, TYPE ***
1	EA	(15")			(GROUND MOUNTED)
2	EA	**" SLUICE GATE	3	EA	(A) SIGN ERECTION, RELOCATE, TYPE
1	EA	(18") **" SLUICE GATE			**** (GROUND MOUNTED)
_		(30")	3	EA	(A) DISPOSAL OF SUPPORT, STEEL
8,650	LF	**'-**" CONCRETE CURB & GUTTER (2'-9")			BEAM
15,730	LF	1'-6" CONCRETE CURB & GUTTER	2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
18,400	LF	2'-6" CONCRETE CURB & GUTTER	45	EA	DISPOSAL OF SIGN SYSTEM, U-
4,590 6,650	LF SY	SHOULDER BERM GUTTER 4" CONCRETE SIDEWALK	2,376	SF	CHANNEL WORK ZONE SIGNS (STATIONARY)
60	EA	CONCRETE SIDE WALK	429	SF	WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)
210	SY	6" CONCRETE DRIVEWAY	474	SF	WORK ZONE SIGNS (BARRICADE
7,580	SY SY	4" CONCRETE PAVED DITCH 5" MONOLITHIC CONCRETE ISLANDS	4	EA	MOUNTED) FLASHING ARROW BOARD
7,380	31	(KEYED IN)	6	EA	PORTABLE CHANGEABLE MESSAGE
1	EA	CONCRETE BARRIER TRANSITION			SIGN
88	LF	SECTION PRECAST REINFORCED CONCRETE	84	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
		BARRIER, SINGLE FACED	1,050	EA	DRUMS
108	LF	GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION	70 512	EA LF	CONES BARRICADES (TYPE III)
2	EA	IMPACT ATTENUATOR UNIT, TYPE	80	HR	FLAGGER
13,100	LF	350 STEEL BM GUARDRAIL	240	DAY	FLAGGER
6	EA	STEEL BM GUARDRAIL TERMINAL	10	EA	TEMPORARY CRASH CUSHIONS RESET TEMPORARY CRASH CUSHION
***	.	SECTIONS	6 2	EA EA	TMA
50 21	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE	4,200	LF	PORTABLE CONCRETE BARRIER
		CAT-1	200	LF	PORTABLE CONCRETE BARRIER (ANCHORED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	1,800	LF	RESET PORTABLE CONCRETE BAR-
30	EA	GUARDRAIL ANCHOR UNITS, TYPE	12	Б.	RIER
2	EA	350 GUARDRAIL ANCHOR UNITS, TYPE	13 7,800	EA LF	TUBULAR MARKERS (FIXED) GENERIC TRAFFIC CONTROL ITEM
2	LA	M-350	.,		WORK ZONE "PERFORMANCE"
14	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	437,000	SF	PAVEMENT MARKING LINES (6") GENERIC TRAFFIC CONTROL ITEM
563	LF	REMOVE EXISTING GUARDRAIL	,		WORK ZONE TRAFFIC
487.5	LF	TEMPORARY STEEL BM GUARDRAIL	24	EA	"PATTERN MASKING" GENERIC TRAFFIC CONTROL ITEM
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	2.	2	SEQUENTIAL FLASHING WARNING
37,000	LF	WOVEN WIRE FENCE, **" FABRIC	831	EA	LIGHTS TEMPORARY RAISED PAVEMENT
	.	(48")	0.51	Lit	MARKERS
2,289	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	83,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
646	EA	5" TIMBER FENCE POSTS, 8'-0"	67,850	LF	THERMOPLASTIC PAVEMENT MARKING
450	LF	LONG CHAIN LINK FENCE, 48" FABRIC	£ 000	ır	LINES (4", 120 MILS)
38	EA	METAL LINE POSTS FOR 48" CHAIN	5,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
0	E.A	LINK FENCE METAL TERMINAL POSTS FOR 48"	2,150	LF	THERMOPLASTIC PAVEMENT MARKING
9	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE	7,500	LF	LINES (6", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
200	LF	ADDITIONAL BARBED WIRE			LINES (8", 90 MILS)
2	EA	SINGLE GATES, **" HIGH, **' WIDE, **' OPENING	4,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
		(48", 12', 12')	17,000	LF	THERMOPLASTIC PAVEMENT MARKING
2	EA	SINGLE GATES, **" HIGH, **' WIDE, **' OPENING	2.00	I P	LINES (12", 90 MILS)
		(48", 20', 20')	2,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
890	TON	RIP RAP, CLASS I			

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			90 1,500	ACR LB	MOWING SEED FOR REPAIR SEEDING
			3.75	TON	FERTILIZER FOR REPAIR SEEDING
32	EA	THERMOPLASTIC PAVEMENT MARKING	2,325	LB	SEED FOR SUPPLEMENTAL SEEDING
300	EA	CHARACTER (120 MILS) THERMOPLASTIC PAVEMENT MARKING	70 400	TON LF	FERTILIZER TOPDRESSING IMPERVIOUS DIKE
300	LA	SYMBOL (90 MILS)	500		SPECIALIZED HAND MOWING
3,501	LF	COLD APPLIED PLASTIC PAVEMENT	100	EA	RESPONSE FOR EROSION CONTROL
		MARKING LINES, TYPE ** (4") (II)	1,350	CY	CULVERT DIVERSION CHANNEL
1,175	LF	COLD APPLIED PLASTIC PAVEMENT	5 0.32	ACR	REFORESTATION STREAMBANK REFORESTATION
		MARKING LINES, TYPE ** (4") (IV)	16	EA	GENERIC EROSION CONTROL ITEM
30	LF	COLD APPLIED PLASTIC PAVEMENT	24	EA	CONCRETE WASHOUT STRUCTURE
		MARKING LINES, TYPE ** (8") (II)	34	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
9	EA	COLD APPLIED PLASTIC PAVEMENT	23,925	LF	SIGNAL CABLE
		MARKING SYMBOL, TYPE ** (II)	123	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
601,688	LF	PAINT PAVEMENT MARKING LINES	10	EA	VEHICLE SIGNAL HEAD (12", 4
12 200	LE	(4")	11	EA	SECTION)
13,200	LF	PAINT PAVEMENT MARKING LINES (6")	11	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
9,510	LF	PAINT PAVEMENT MARKING LINES	10,455	LF	MESSENGER CABLE (1/4")
9,400	LF	(8") PAINT PAVEMENT MARKING LINES	3,800 8,910	LF LF	TRACER WIRE UNPAVED TRENCHING (********)
		(12")	6,710	Li	(1, 2")
7,980	LF	PAINT PAVEMENT MARKING LINES (24")	1,965	LF	UNPAVED TRENCHING FOR TEMP- ORARY LEAD-IN
20	EA	PAINT PAVEMENT MARKING CHARAC-	425	LF	DIRECTIONAL DRILL (********)
457	EA	TER PAINT PAVEMENT MARKING SYMBOL			(1, 2")
21,000	LF	REMOVAL OF PAVEMENT MARKING	175	LF	DIRECTIONAL DRILL (********) (2, 2")
,		LINES (4")	92	EA	JUNCTION BOX (STANDARD SIZE)
6,975	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	21	EA	JUNCTION BOX (OVER-SIZED, HEA-
900	LF	REMOVAL OF PAVEMENT MARKING	15	EA	VY DUTY) WOOD POLE
		LINES (8")	36	EA	GUY ASSEMBLY
200	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	4	EA	1" RISER WITH WEATHERHEAD
23	EA	REMOVAL OF PAVEMENT MARKING	12	EA	2" RISER WITH WEATHERHEAD
1 200	Б.	SYMBOLS & CHARACTERS	10	EA	2" RISER WITH HEAT SHRINK TUBING
1,390	EA	PERMANENT RAISED PAVEMENT MARKERS	15,125	LF	INDUCTIVE LOOP SAWCUT
84	EA	SNOWPLOWABLE PAVEMENT MARKERS	43,725	LF	LEAD-IN CABLE (**********) (14-2)
Lump Sum	LS	PORTABLE LIGHTING	2	EA	SITE SURVEY
5 2	EA EA	8" VALVE 2" AIR RELEASE VALVE	4	EA	CAMERA WITH INTERNAL LOOP EMU-
2,799	LF	8" FORCE MAIN SEWER	2	EA	LATOR PROCESSING UNIT
440	LB	DUCTILE IRON SEWER PIPE	2 3,500	EA LF	RELOCATE CAMERA SENSOR UNIT COMMUNICATIONS CABLE (**FIBER)
2,745	LF	FITTINGS ABANDON 8" UTILITY PIPE			(12)
245	LF	TRENCHLESS INSTALLATION OF 8"	5,800	LF	COMMUNICATIONS CABLE (**FIBER) (24)
		IN SOIL	5	EA	SPLICE ENCLOSURE
245	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL	7	EA	INTERCONNECT CENTER
120,000	LF	TEMPORARY SILT FENCE	7	EA	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT
3,080	TON	STONE FOR EROSION CONTROL, CLASS A	13	EA	DELINEATOR MARKER
11,500	TON	STONE FOR EROSION CONTROL,	3	EA	900MHZ RADIO
		CLASS B	1,200	LF	REMOVE EXISTING COMMUNICATIONS CABLE
27,500 148	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING	32	EA	METAL STRAIN SIGNAL POLE
7,200	LB	SEED FOR TEMPORARY SEEDING	2	EA	METAL POLE WITH SINGLE MAST
38	TON	FERTILIZER FOR TEMPORARY SEED-	2	EA	ARM METAL POLE WITH DUAL MAST ARM
6,200	LF	ING TEMPORARY SLOPE DRAINS	36	EA	SOIL TEST
4,400	LF	SAFETY FENCE	216	CY	DRILLED PIER FOUNDATION
110,000	CY	SILT EXCAVATION	4	EA	MAST ARM WITH METAL POLE DE- SIGN
140,000	SY	MATTING FOR EROSION CONTROL	38	EA	SIGN FOR SIGNALS
565 13,220	SY SY	COIR FIBER MAT PERMANENT SOIL REINFORCEMENT	2	EA	TYPE I POST WITH FOUNDATION
,		MAT	28	EA	TYPE II PEDESTAL WITH FOUND- ATION
16,620	LF	1/4" HARDWARE CLOTH	10	EA	SIGNAL CABINET FOUNDATION
160	LF	**" TEMPORARY PIPE (18")	10	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
300	LF	TEMPORARY PIPE FOR STREAM	2	EA	CONTROLLER WITH CABINET (TYPE
520	SY	CROSSING FLOATING TURBIDITY CURTAIN			2070L, POLE MOUNTED)
750	CY	STILLING BASINS	69 10	EA EA	DETECTOR CARD (TYPE 2070L) CABINET BASE EXTENDER
4	EA	SPECIAL STILLING BASINS	2	EA	GENERIC SIGNAL ITEM
10,800	LF LB	COIR FIBER WATTLE			MICROWAVE VEHICLE DETECTOR - SINGLE ZONE
8,100 9,825	LB LF	POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE			SHAGEE ZOME
33	EA	**" SKIMMER			
11	EA	(1-1/2") **" SKIMMER			CULVERT ITEMS
11	LA	(2")			· · · · · · · · · · · · · · · · · · ·
2	EA	**" SKIMMER	* ~		DEMONAL OF ENVIORENCE COMMUNICATION
1	EA	(2-1/2") **" SKIMMER	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION *********
		(3")			(19+77.00-Y10-)
102	ACR	SEEDING & MULCHING			

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WALL ITEMS

3,449 SF MSE RETAINING WALL NO ****

4,617 SF MSE RETAINING WALL NO ****

(2)

263 SF SEGMENTAL GRAVITY RETAINING WALLS

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************ (3,146+61.35-L-NBL)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************* (3.146+61.35-L-SBL)
70.3	LF	(3,140+01.35-L-SBL) 4-0" DIA DRILLED PIERS IN SOIL
31	LF	4'-0" DIA DRILLED PIERS NOT IN SOIL
1	EA	PDA TESTING
3	EA	SID INSPECTIONS
3	EA	SPT TESTING
1	EA	CSL TESTING
46,347	SF	REINFORCED CONCRETE DECK SLAB
42,545	SF	GROOVING BRIDGE FLOORS
871.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(146+61.35-L-NBL) BRIDGE APPROACH SLABS, STATION ************
Lump Sum	LS	(146+61.35-L-SBL) BRIDGE APPROACH SLABS, STATION ************************************
143,844	LB	REINFORCING STEEL (BRIDGE)
14,778	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,901.13	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
444,500	LS	APPROX LBS STRUCTURAL STEEL
132	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
8,200	LF	HP12X53 STEEL PILES
472.38	LF	TWO BAR METAL RAIL
2,050.4	LF	CONCRETE BARRIER RAIL
243.69	LF	1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-6")
243.69	LF	1'-**X *****" CONCRETE PARA- PET (1'-2" X 3'-0 1/2")
905	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA********************************

426.69 LF GENERIC STRUCTURE ITEM TWO BAR METAL RAIL RETROFIT

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STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L170516 006 CONTRACT ID: C204018 2017CPT.08.24.10831 DIV OFFICE ABERDEEN LENGTH = 27.959 MI

:SCOTLAND, HOKE

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE: JUN 30 2018

2 SECTIONS OF US-15/501, AND 5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

I C	1.0	MODIL IZATION
Lump Sum 3,475	LS TON	MOBILIZATION CENERIC CRADING ITEM
3,473	ION	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
25.06	SMI	SHOULDER RECONSTRUCTION
281,912	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
3,658	SY	INCIDENTAL MILLING
24,085	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
14,890	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,444	TON	ASPHALT BINDER FOR PLANT MIX
500	TON	PATCHING EXISTING PAVEMENT
159,634	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
103,510	LF	GENERIC PAVING ITEM MILLED RUMBLE STRIPS, ASPHALT CONCRETE (CENTERLINE)
3,134	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
295,354	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
116,209	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
340	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
355	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
720	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
297,705	LF	PAINT PAVEMENT MARKING LINES (4")
600	LF	PAINT PAVEMENT MARKING LINES (8")
355	LF	PAINT PAVEMENT MARKING LINES (24")
720	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
111,685	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES, 4" 120 MILS (RUMBLE STRIPS)
860	EA	PERMANENT RAISED PAVEMENT MARKERS
1,385	EA	SNOWPLOWABLE PAVEMENT MARKERS

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L170516 007

LENGTH = 37.330 MI

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C204019 2017CPT.08.26.10761 DIV OFFICE ABERDEEN

COUNTY : RANDOLPH

MILLING, RESURFACING, WIDENING AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE: AUG 31 2018

2 SECTIONS OF US-421, 1 SECTION OF US-220 BUS, 2 SECTIONS OF NC-22 & 1 SECTION OF NC-49 AND 25 SECTIONS OF SECONDARY RDS.

ROADWAY ITEMS

1,000 LF SIGNAL CABLE 1,000 LF INDUCTIVE LOOP SAWCUT

		ROADWAY ITEMS
Lump Sum	LS	MOBILIZATION
2,607	SY	GENERIC GRADING ITEM SOIL CEMENT BASE (FULL DEPTH
17,434	TON	RECLAMATION) GENERIC GRADING ITEM
78	TON	AGGREGATE SHOULDER BORROW PORTLAND CEMENT FOR SOIL CE-
4.97	SMI	MENT BASE SHOULDER CONSTRUCTION
64.85	SMI	SHOULDER RECONSTRUCTION
44,372	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
5,107	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")
9,788	SY	INCIDENTAL MILLING
2,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
5,250	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
27,763	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,060	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
6,690	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
16,266	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,582 18,490	TON TON	ASPHALT BINDER FOR PLANT MIX PATCHING EXISTING PAVEMENT
98,350	SY	ASPHALT SURFACE TREATMENT, MAT
,		COAT, #*** STONE (#67)
59,800	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (#78)
60,270	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
24.056	WK	VACUUM TRUCK
24,056	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
260	TON	GENERIC PAVING ITEM JOINT REPAIR
4	EA	ADJUSTMENT OF MANHOLES
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
6,340	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
105	HR	LAW ENFORCEMENT
386,779	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
367,228 1,785	LF LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
1,783	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
160	LF	LINES (8", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
305	LF	LINES (12", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
24	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
25	EA	CHARACTER (120 MILS) THERMOPLASTIC PAVEMENT MARKING
1,610	LF	SYMBOL (90 MILS) COLD APPLIED PLASTIC PAVEMENT
89,085	IE	MARKING LINES, TYPE ** (4") (II) PAINT PAVEMENT MARKING LINES
1,620	LF LF	PAINT PAVEMENT MARKING LINES (4") PAINT PAVEMENT MARKING LINES
1,610	LF	(8") REMOVAL OF PAVEMENT MARKING
789	EA	LINES (4") SNOWPLOWABLE PAVEMENT MARKERS
769	LA	5110 11 LOWADLE LA VENIENT MARKERS

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L170516 008

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C204022 2017CPT.12.17.10181 DIV OFFICE SHELBY LENGTH = 40.810 MI

COUNTY : CATAWBA

MILLING, WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE: NOV 17 2018

1 SECTION OF NC-127 AND 74 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,465	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
1,862	TON	INCIDENTAL STONE BASE
56.83	SMI	SHOULDER RECONSTRUCTION
32,789	SY	MILLING ASPHALT PAVEMENT, ***"
		TO ******" (0" TO 1-1/2")
367	SY	INCIDENTAL MILLING
2,599	TON	ASPHALT CONC BASE COURSE, TYPE
2,377	1011	B25.0B
33,286	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
7,816	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
50	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
2,477	TON	ASPHALT CONC SURFACE COURSE,
2.025	TO Y	TYPE S4.75A
2,836	TON	ASPHALT BINDER FOR PLANT MIX
6,364	TON	PATCHING EXISTING PAVEMENT
32	EA	RETROFIT EXISTING CURB RAMP
17	EA EA	CONCRETE CURB RAMP
3		ADJUSTMENT OF DROP INLETS
153	EA	ADJUSTMENT OF MANHOLES
117	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,550	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
180	HR	LAW ENFORCEMENT
400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,746	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
32	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
450	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
707,008	LF	PAINT PAVEMENT MARKING LINES (4")
300	LF	PAINT PAVEMENT MARKING LINES (24")
30	EA	PAINT PAVEMENT MARKING SYMBOL
234,266	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)
	_	(HIGHLY REFLECTIVE ELEMENTS)
300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
300	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
1,975	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
12	EA	JUNCTION BOX (STANDARD SIZE)
850	LF	INDUCTIVE LOOP SAWCUT
500	LF	LEAD-IN CABLE (**********) (14-2)
		(-·-)

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L170516 009

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C204016 2017CPT.12.19.10361 DIV OFFICE SHELBY LENGTH = 44.890 MI

COUNTY : GASTON

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 01 2018 1 SECTION OF US-29/74, 1 SECTION OF NC-7, 2 SECTIONS OF NC-27 AND 38 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

23,600 LF INDUCTIVE LOOP SAWCUT

Lump Sum	LS	MOBILIZATION	1,457	LF	LEAD-IN CABLE (*********)
9,808	TON	GENERIC GRADING ITEM			(14-2)
1,283	TON	AGGREGATE SHOULDER BORROW INCIDENTAL STONE BASE			
56.02	SMI	SHOULDER RECONSTRUCTION			
303,902	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")			
8,080	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"			
5,089	SY	(3" TO 4-1/2") INCIDENTAL MILLING			
26,343	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
1,680	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)			
35,025	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
2,108	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)			
5,350 138	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A ASPHALT CONC SURFACE COURSE,			
130	1011	TYPE SF9.5A (LEVELING COURSE)			
4,257	TON	ASPHALT BINDER FOR PLANT MIX			
12,920 16	TON EA	PATCHING EXISTING PAVEMENT FRAME WITH GRATE & HOOD, STD			
10	LA	840.03, TYPE ** (E)			
62	EA	RETROFIT EXISTING CURB RAMP			
4	EA	CONCRETE CURB RAMP			
20 4	EA EA	ADJUSTMENT OF CATCH BASINS ADJUSTMENT OF DROP INLETS			
69	EA	ADJUSTMENT OF DROP INLETS ADJUSTMENT OF MANHOLES			
49	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
16	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN			
5,524	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING			
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL			
88 2,810	HR LF	LAW ENFORCEMENT THERMOPLASTIC PAVEMENT MARKING			
720	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING			
550	LF	LINES (8", 120 MILS) THERMOPLASTIC PAVEMENT MARKING			
3,367	LF	LINES (16", 120 MILS) THERMOPLASTIC PAVEMENT MARKING			
82	EA	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
471	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
961,940	LF	PAINT PAVEMENT MARKING LINES (4")			
400	LF	PAINT PAVEMENT MARKING LINES (8")			
550	LF	PAINT PAVEMENT MARKING LINES (12")			
2,580	LF	PAINT PAVEMENT MARKING LINES (24")			
467	EA	PAINT PAVEMENT MARKING SYMBOL			
377,076	LF	POLYUREA PAVEMENT MARKING LINES (4", ***********) (HIGHLY REFLECTIVE ELEMENTS)			
200	LF	POLYUREA PAVEMENT MARKING LINES (8", ********)			
2,957	LF	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING LINES (4")			
2,708	EA	SNOWPLOWABLE PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
8	EA	JUNCTION BOX (STANDARD SIZE)			

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L170516 010

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C204009 2017CPT.12.20.10491 DIV OFFICE SHELBY LENGTH = 62.348 MI

COUNTY : IREDELL

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 17 2018 2 SECTIONS OF US-21, 1 SECTION OF US-64, 1 SECTION OF NC-115 AND 43 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7,287	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
3,125	TON	INCIDENTAL STONE BASE
89.02	SMI	SHOULDER RECONSTRUCTION
525	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
21,870	SY	MILLING ASPHALT PAVEMENT, ***" TO ******" (0" TO 1-1/2")
38,550	SY	INCIDENTAL MILLING
61,150	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,975	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
12,615	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
535	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
4,740	TON	ASPHALT BINDER FOR PLANT MIX
9,205	TON	PATCHING EXISTING PAVEMENT
24 5	EA EA	RETROFIT EXISTING CURB RAMP CONCRETE CURB RAMP
1	EA	ADJUSTMENT OF DROP INLETS
12	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
8,243	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
970	LF	THERMOPLASTIC PAVEMENT MARKING
235	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,290	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
58	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
89	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,960	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
12	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
1,134,200	LF	PAINT PAVEMENT MARKING LINES (4")
602,900	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)
8,500	LF	(HIGHLY REFLECTIVE ELEMENTS) POLYUREA PAVEMENT MARKING LINES (6", **********)
775	LF	(HIGHLY REFLECTIVE ELEMENTS) POLYUREA PAVEMENT MARKING LINES (8", **********)
8,070	LF	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING LINES (4")
12	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
1,590	EA	SNOWPLOWABLE PAVEMENT MARKERS
6,025	LF	INDUCTIVE LOOP SAWCUT
350	LF	LEAD-IN CABLE (**********) (14-2)

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L170516 011

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID: C203905 34497.3.6 DIV OFFICE SHELBY LENGTH = 4.792 MI

COUNTY : CLEVELAND

GRADING, DRAINAGE, PAVING, RETAINING WALL, AND STRUCTURES.

MBE GOAL 4.0% WBE 6.0% COMPLETION DATE: NOV 11 2022

US-74 (SHELBY BYPASS) FROM EAST OF NC-226 TO EAST OF NC-150.

		ROADWAY ITEMS	4	EA	**" SIDE DRAIN PIPE ELBOWS (30")
			4	EA	**" SIDE DRAIN PIPE ELBOWS (36")
Lump Sum	LS	MOBILIZATION	384	LF	***" RC PIPE CULVERTS, CON-
Lump Sum	LS	CONSTRUCTION SURVEYING	304	LI	TRACTOR DESIGN
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM			(42")
		UTILITY COORDINATOR	312	LF	***" RC PIPE CULVERTS, CON-
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)			TRACTOR DESIGN
4	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	212	T.E.	(54")
11	EA	SEALING ABANDONED WELLS	312	LF	***" RC PIPE CULVERTS, CON- TRACTOR DESIGN
2,730,000	CY	UNCLASSIFIED EXCAVATION			(66")
Lump Sum	LS	REINFORCED BRIDGE APPROACH	288	LF	***" RC PIPE CULVERTS, CLASS
Damp Sam	2.0	FILL, STATION ********			****
		(20+70 -Y3- END BENT 1 ONLY)	400		(24", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	188	LF	***" RC PIPE CULVERTS, CLASS *****
		FILL, STATION ************************************			(30", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	308	LF	***" RC PIPE CULVERTS, CLASS
Zump Jum	20	FILL, STATION ********			****
		(24+08 - Y9-)	***		(36", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	248	LF	***" RC PIPE CULVERTS, CLASS *****
		FILL, STATION ************************************			(54", V)
Lump Sum	LS	(25+91 -Y11- REV2) REINFORCED BRIDGE APPROACH	728	LF	***" RC PIPE CULVERTS, CLASS
Lump Sum	Lo	FILL, STATION *********			****
		(29+07 -Y2- END BENT 1 ONLY)			(60", V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	1,104	LF	***" RC PIPE CULVERTS, CLASS *****
		FILL, STATION ************************************			(66" ,V)
Lumn Cum	LS	(384+50 -L- LT) REINFORCED BRIDGE APPROACH	524	LF	***" RC PIPE CULVERTS, CLASS
Lump Sum	Lo	FILL, STATION **********			****
		(384+58 -L- RT)			(72" ,V)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	8,164	LF	15" RC PIPE CULVERTS, CLASS
		FILL, STATION *********	4.452	LE	III
I C	1.0	(594+61 -L- LT)	4,452	LF	18" RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	4,600	LF	24" RC PIPE CULVERTS, CLASS
		(594+80 -L- RT)	,,,,,		III
Lump Sum	LS	REINFORCED BRIDGE APPROACH	1,800	LF	30" RC PIPE CULVERTS, CLASS
_		FILL, STATION ********			III
		(611+27 -L- RT)	624	LF	36" RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	220	LE	III
		(611+37 -L- LT)	220	LF	48" RC PIPE CULVERTS, CLASS III
20,000	CY	UNDERCUT EXCAVATION	208	LF	54" RC PIPE CULVERTS, CLASS
15,920	CY	DRAINAGE DITCH EXCAVATION			III
2,870	LF	BERM DITCH CONSTRUCTION	420	LF	66" RC PIPE CULVERTS, CLASS
37,270	SY	REMOVAL OF EXISTING ASPHALT	4.40		III
4 000		PAVEMENT	160	LF	****" RC PIPE CULVERTS, CLASS IV
1,980	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT			(54")
9,240	SY	BREAKING OF EXISTING ASPHALT	5,416	LF	15" RC PIPE CULVERTS, CLASS IV
7,240	51	PAVEMENT	1,208	LF	18" RC PIPE CULVERTS, CLASS IV
40	HR	PROOF ROLLING	472	LF	24" RC PIPE CULVERTS, CLASS IV
10,000	CY	SELECT GRANULAR MATERIAL	128	LF	30" RC PIPE CULVERTS, CLASS IV
81,200	SY	GEOTEXTILE FOR SOIL STABILIZA-	176	LF	36" RC PIPE CULVERTS, CLASS IV
		TION	348	LF	42" RC PIPE CULVERTS, CLASS IV
808	SF	TEMPORARY SHORING	452	LF	15" CS PIPE CULVERTS, 0.064"
100	TON	GENERIC GRADING ITEM	126		THICK
		HAULING & DISPOSAL OF PETRO- LEUM CONTAMINATED SOIL	136	LF	24" CS PIPE CULVERTS, 0.064" THICK
6,650	TON	FOUNDATION CONDITIONING MATE-	5,033	LF	PIPE REMOVAL
		RIAL, MINOR STRUCTURES	610	SY	6" SLOPE PROTECTION
56,316	SY	FOUNDATION CONDITIONING GEO-	Lump Sum	LS	FINE GRADING
***		TEXTILE	8	TON	#57 STONE
296	LF	**" SIDE DRAIN PIPE (30")	15,800	CY	SHALLOW UNDERCUT
386	LF	**" SIDE DRAIN PIPE	32,000	TON	CLASS IV SUBGRADE STABILIZA-
300	ш	(36")			TION
2,987	LF	15" SIDE DRAIN PIPE	500	TON	STABILIZER AGGREGATE
1,012	LF	18" SIDE DRAIN PIPE	12,550	SY	GEOTEXTILE FOR PAVEMENT STA- BILIZATION
472	LF	24" SIDE DRAIN PIPE	29,500	TON	AGGREGATE BASE COURSE
41	EA	**" SIDE DRAIN PIPE ELBOWS	500	TON	INCIDENTAL STONE BASE
		(15")	11,900	CY	SHOULDER BORROW
10	EA	**" SIDE DRAIN PIPE ELBOWS	8,760	GAL	PRIME COAT
6	EA	(18") **" SIDE DRAIN PIPE ELBOWS	4,180	SY	INCIDENTAL MILLING
Ü	211	(24")	6,530	TON	ASPHALT CONC BASE COURSE, TYPE
					B25.0B
					-

			59,530 3,699	LF EA	WOVEN WIRE FENCE, 47" FABRIC 4" TIMBER FENCE POSTS, 7'-6"
14,180	TON	ASPHALT CONC INTERMEDIATE	1,013	EA	LONG 5" TIMBER FENCE POSTS, 8'-0" LONG
20,900	TON	COURSE, TYPE I19.0B ASPHALT CONC SURFACE COURSE,	7,600	LF	ADDITIONAL BARBED WIRE
20,700	1011	TYPE S9.5B	2,050		RIP RAP, CLASS I
2,225	TON	ASPHALT BINDER FOR PLANT MIX	6,760		RIP RAP, CLASS II RIP RAP, CLASS A
300	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR		TON	
2,240	CY	SUBDRAIN EXCAVATION	30	TON	BOULDERS
10,000	SY	GEOTEXTILE FOR SUBSURFACE	35,200	SY	GEOTEXTILE FOR DRAINAGE
1,680	CY	DRAINS SUBDRAIN COARSE AGGREGATE	2	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS
10,000	LF	6" PERFORATED SUBDRAIN PIPE	1,227	LB	SUPPORTS, BREAKAWAY STEEL BEAM
20	EA	SUBDRAIN PIPE OUTLET	1,918	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
120	LF	6" OUTLET PIPE	4	EA	SIGN ERECTION, TYPE D
3	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE	124 21	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F
		STRUCTURE	2	EA	SIGN ERECTION, TYPE ***
38.8 83.2	CY CY	ENDWALLS REINFORCED ENDWALLS			(GROUND MOUNTED) (A)
1.6	CY	PIPE COLLARS	4	EA	SIGN ERECTION, RELOCATE, TYPE
0.25	CY	PIPE PLUGS			**** (GROUND MOUNTED)
271	EA	MASONRY DRAINAGE STRUCTURES	71	EA	(D) DISPOSAL OF SIGN SYSTEM, U-
50.75	CY	MASONRY DRAINAGE STRUCTURES	71	LA	CHANNEL
64	LF EA	MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22	3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
11	EA	FRAME WITH TWO GRATES, STD	2,069	SF	WORK ZONE SIGNS (STATIONARY)
		840.16	629 919	SF SF	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE
55	EA	FRAME WITH TWO GRATES, STD 840.20			MOUNTED)
128	EA	FRAME WITH TWO GRATES, STD 840.22	3 4	EA EA	FLASHING ARROW BOARD PORTABLE CHANGEABLE MESSAGE
13	EA	FRAME WITH TWO GRATES, STD 840.24	120	DAY	SIGN PORTABLE CHANGEABLE MESSAGE
13	EA	FRAME WITH TWO GRATES, STD 840.29	654	EA	SIGN (SHORT TERM) DRUMS
12	EA	FRAME WITH GRATE & HOOD, STD	250	EA	CONES
		840.03, TYPE ** (E)	840	LF	BARRICADES (TYPE III)
16	EA	FRAME WITH GRATE & HOOD, STD	594 1	DAY EA	FLAGGER TMA
		840.03, TYPE **	240	HR	LAW ENFORCEMENT
15	EA	(F) FRAME WITH GRATE & HOOD, STD	588	EA	TEMPORARY RAISED PAVEMENT
		840.03, TYPE **	45,262	LF	MARKERS THERMOPLASTIC PAVEMENT MARKING
13	EA	(G) FRAME WITH COVER, STD 840.54	,		LINES (4", 90 MILS)
6	EA	CONCRETE TRANSITIONAL SECTION	38,146	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
		FOR DROP INLET	1,085	LF	THERMOPLASTIC PAVEMENT MARKING
1	EA	**" SLUICE GATE (36")			LINES (8", 90 MILS)
2	EA	**" SLUICE GATE	727	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
Lump Sum	LS	(8") GENERIC DRAINAGE ITEM	128	LF	THERMOPLASTIC PAVEMENT MARKING
Lump Sum	Lo	DRY DETENTION BASIN	12	Ε.	LINES (24", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
Lump Sum	LS	GENERIC DRAINAGE ITEM	12	EA	CHARACTER (120 MILS)
960	LF	HAZARDOUS SPILL BASIN **"X **" CONCRETE CURB	108	EA	THERMOPLASTIC PAVEMENT MARKING
,,,,		(8" X 18")	5,184	LF	SYMBOL (90 MILS) COLD APPLIED PLASTIC PAVEMENT
1,190	LF	**"X **" CONCRETE CURB (9" X 12")	3,104	ы	MARKING LINES, TYPE ** (4")
8,660	LF	2'-6" CONCRETE CURB & GUTTER	3,546	LF	(II) COLD APPLIED PLASTIC PAVEMENT
585	LF	SHOULDER BERM GUTTER	3,340	LI	MARKING LINES, TYPE ** (4")
70	SY	6" CONCRETE DRIVEWAY	400		(IV)
120 950	SY SY	4" CONCRETE PAVED DITCH 4" CONCRETE ISLAND COVER	120	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8")
5,330	SY	5" MONOLITHIC CONCRETE ISLANDS			(II)
		(SURFACE MOUNTED)	203,293	LF	PAINT PAVEMENT MARKING LINES (4")
379	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	1,665	LF	PAINT PAVEMENT MARKING LINES
1,661	SY	GENERIC PAVING ITEM	***		(8")
477.6	037	12" CONCRETE TRUCK APRON	292	LF	PAINT PAVEMENT MARKING LINES (24")
476	SY	GENERIC PAVING ITEM 5" CONCRETE DRIVEWAY	104	EA	PAINT PAVEMENT MARKING SYMBOL
2	EA	GENERIC DRAINAGE ITEM	23,792	LF	REMOVAL OF PAVEMENT MARKING
7,512.5	LF	CONVERT EXISTING CB TO TBJB STEEL BM GUARDRAIL	366	LF	LINES (4") REMOVAL OF PAVEMENT MARKING
16	EA	STEEL BM GUARDRAIL STEEL BM GUARDRAIL TERMINAL			LINES (8")
		SECTIONS	125	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
10 2	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE	14	EA	REMOVAL OF PAVEMENT MARKING
2	EA	CAT-1	216	Б.	SYMBOLS & CHARACTERS
6	EA	GUARDRAIL ANCHOR UNITS, TYPE III	216	EA	PERMANENT RAISED PAVEMENT MARKERS
34	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	629 24	EA EA	SNOWPLOWABLE PAVEMENT MARKERS 7' U-CHANNEL POSTS
14	EA	GUARDRAIL ANCHOR UNITS, TYPE	24	EA	OBJECT MARKERS (END OF ROAD)
330	LF	B-77 REMOVE EXISTING GUARDRAIL	40 20	LF LF	2" WATER LINE 3" WATER LINE
700	LF	TEMPORARY STEEL BM GUARDRAIL	8,928	LF	6" WATER LINE
6	EA	TEMPORARY GUARDRAIL ANCHOR	6,185	LF	8" WATER LINE
		UNITS, TYPE 350	768	LF	12" WATER LINE

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100 MHR SPECIALIZED HAND MOWING

					SPECIALIZED HAND MOWING
			150	EA	RESPONSE FOR EROSION CONTROL
			6,130	CY	CULVERT DIVERSION CHANNEL REFORESTATION
6,7		16" WATER LINE	1.4	ACR	STREAMBANK REFORESTATION
24,4	70 LB	DUCTILE IRON WATER PIPE FITTINGS	20	EA	GENERIC EROSION CONTROL ITEM
	1 EA	**" VALVE	20		CONCRETE WASHOUT STRUCTURE
		(3")	1.3	ACR	GENERIC EROSION CONTROL ITEM
	3 EA	2" VALVE			WETLAND GRASS SEEDING
	60 EA	6" VALVE	1,400	LF	SIGNAL CABLE
	10 EA		8	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
	2 EA		4	EA	VEHICLE SIGNAL HEAD (12", 4
	9 EA		·		SECTION)
	2 EA6 EA		600	LF	MESSENGER CABLE (3/8")
	6 EA 1 EA		1	EA	WOOD POLE
	3 EA		5	EA	GUY ASSEMBLY
	39 EA		4	EA	2" RISER WITH WEATHERHEAD
	4 EA	RECONNECT WATER METER	1 4	EA	SITE SURVEY LUMINAIRE ARM FOR VIDEO SYSTEM
	1 EA	FIRE HYDRANT	4	EA EA	CAMERA WITHOUT INTERNAL LOOP
	7 EA	RELOCATE FIRE HYDRANT	7	Lit	EMULATOR PROCESSING UNIT
	2 EA	GENERIC UTILITY ITEM	1	EA	EXTERNAL LOOP EMULATOR PRO-
2,3	44 LF	SEWAGE COMBINATION AIR VALVE 10" FORCE MAIN SEWER			CESSING UNIT
3,5		DUCTILE IRON SEWER PIPE	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)
5,5		FITTINGS	1	EA	TRAFFIC SIGNAL REMOVAL
11,6	71 LF	ABANDON 6" UTILITY PIPE	•		THE BIGHTE REMOVEE
6,0	82 LF	ABANDON 8" UTILITY PIPE			
2,0		ABANDON 10" UTILITY PIPE			CULVERT ITEMS
6,9		ABANDON 12" UTILITY PIPE			CULVEKI HEMIS
	42 EA 10 LF	REMOVE FIRE HYDRANT 12" ENCASEMENT PIPE			
	10 LF 75 LF	16" ENCASEMENT PIPE	Lump Sum	LS	CULVERT EXCAVATION, STA *****
	50 LF	18" ENCASEMENT PIPE			(453+07.00 -L-)
	00 LF	20" ENCASEMENT PIPE	Lump Sum	LS	CULVERT EXCAVATION, STA ******
7	25 LF	24" ENCASEMENT PIPE	653	TON	(553+27.00 -L-) FOUNDATION CONDITIONING MATER-
3	40 LF	36" ENCASEMENT PIPE	055	1011	IAL, BOX CULVERT
	38 LF	TRENCHLESS INSTALLATION OF 6" IN SOIL	1,075.3	CY	CLASS A CONCRETE (CULVERT)
	37 LF	TRENCHLESS INSTALLATION OF 6"	154,809	LB	REINFORCING STEEL (CULVERT)
	<i>,</i>	NOT IN SOIL			
	2 EA	GENERIC UTILITY ITEM			
155.0	00 15	10" PLUG VALVE			WALL ITEMS
155,0 5,7		TEMPORARY SILT FENCE N STONE FOR EROSION CONTROL,			
3,1	50 101	CLASS A		an	NOT DESCRIPTION OF THE PROPERTY OF THE PROPERT
31,9	80 TO	N STONE FOR EROSION CONTROL,	2,640	SF	MSE RETAINING WALL NO ****
					(1)
		CLASS B	2,930	SF	(1) MSE RETAINING WALL NO ****
52,7	80 TO	N SEDIMENT CONTROL STONE			MSE RETAINING WALL NO **** (2)
52,7	80 TO 60 AC	N SEDIMENT CONTROL STONE R TEMPORARY MULCHING	2,930 6,700	SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO ****
52,7 3 18,0	80 TO 60 AC	N SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING	6,700		MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3)
52,7 3 18,0	80 TO! 60 AC! 00 LB	N SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING N FERTILIZER FOR TEMPORARY SEEDING		SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO ****
52,7 3 18,0	80 TO! 60 AC! 00 LB 90 TO!	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS	6,700	SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO ****
52,7 3 18,0 18,0 6,6	80 TO! 60 AC! 00 LB 90 TO! 00 LF	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5)
52,7 3 18,0 18,0 6,6 380,9	80 TO! 60 AC! 00 LB 90 TO! 00 LF 00 LF	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION	6,700 7,305	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO ****
52,7 3 18,0 18,0 6,6	80 TOP 60 ACC 00 LB 90 TOP 00 LF 00 LF 10 CY 00 SY	S SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO ****
52,7 3 18,0 18,0 6,6 380,9 497,0	80 TOP 60 ACP 00 LB 90 TOP 00 LF 10 CY 000 SY 225 SY	S SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED- ING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO ****
52,7 3 18,0 6,6 380,9 497,0 2,0 2,9	80 TOP 60 ACI 000 LB 90 TOP 000 LF 100 CY 000 SY 500 SY 500 SY	S SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6)
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9	80 TON 60 ACI 60 ACI 60 LB 90 TON 60 LF 60 LF 60 LF 60 SY 60 SY 60 SY 60 LF 60 SY 60 LF 60 SY 60 LF	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO ****
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9	80 TOP 60 ACI 000 LB 90 TOP 000 LF 100 CY 000 SY 500 SY 500 SY	S SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6)
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9	80 TON 60 ACI 60 ACI 60 LB 90 TON 60 LF 60 LF 60 LF 60 SY 60 SY 60 SY 60 LF 60 SY 60 LF 60 SY 60 LF	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE	6,700 7,305 5,510	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, &
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9	80 TO! 60 AC! 60 LB 90 TO! 60 LF 600	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18")	6,700 7,305 5,510 5,440	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9	80 TOP 60 ACI 60 LB 90 TOP 60 LF 60 LF 60 CY 60 SY 60	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE	6,700 7,305 5,510 5,440	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9 20,0	80 TO! 60 AC! 60 LB 90 TO! 60 LF 600	S SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24")	6,700 7,305 5,510 5,440	SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9 20,0	80 TOP 60 ACI 60 ACI 60 LB 90 TOP 60 LF 60 LF 60 SY 60 SY 60 SY 60 LF 65 LF 65 LF 66 LF 66 ACI 66 ACI 66 ACI 67 ACI 68 ACI 69 ACI 60 A	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7 3 18,0 18,0 6,6 380,9 497,0 2,0 2,9 20,0	80 TOP 60 ACI 60 ACI 60 LB 90 TOP 60 LF 60 LF 60 SY 60 SY 60 SY 60 LF 65 LF 65 LF 66 LF 66 ACI 66 ACI 66 ACI 67 ACI 68 ACI 69 ACI 60 A	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7,3 3 18,6 6,6,6 380,9 497,0 2,0 2,9 20,0	80 TOO 80 TOO 80 ACIC 100 LB 90 TOO 101 LB 102 LB 103 LB 104 LB 105 L	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7,3 3 18,0 18,0,6 6,6,6 380,9 497,0 2,0,0 2,9 20,0 2 4 4 23,0,0 22,3,0 22,3,0	880 TO: 800 ACID: 100 LB 101 TO: 102 TO: 103 TO: 104 TO: 105 TO: 10	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM)	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7,3 3 18,0 18,0 6,6,6 380,9 497,0 2,0 2,9 20,0 2 4 4 23,0,0 2,2 3 22,3 22,3 27,2	880 TOI 650 ACI 650	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE	6,700 7,305 5,510 5,440 Lump Sum Lump Sum	SF SF SF LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (384+50.41 -Y11- REV 2)
52,7,3 3 18,0 18,0 6,6,6 380,9 497,0 2,0 2,9 20,0 2 4 4 23,0,0 2,2 3 22,3 22,3 27,2	880 TO: 800 ACID: 100 LB 101 TO: 102 TO: 103 TO: 104 TO: 105 TO: 10	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF SF	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ******************************
52,7,3 3 18,6 18,0 18,0 6,6,6 380,99,0 2,0 2,9,9 20,0 22,3,2 22,3,2 27,2	880 TOI 650 ACI 650	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2")	6,700 7,305 5,510 5,440 Lump Sum Lump Sum Lump Sum	SF SF SF LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L - LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L - LT) REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L - RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (32+31.41 - Y11 - REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,73 3 18,00 18,0,66,63 380,99 497,07 2,0,29 20,00 2 4 4 23,0,22,3 27,2	880 TO0 650 ACC 650 AC	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2")	6,700 7,305 5,510 5,440 Lump Sum Lump Sum	SF SF SF LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- RT) REMOVAL OF EMP ACCESS AT STA ************ (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (32+31.41-Y11- REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,73 3 18,00 18,0,66,63 380,99 497,07 2,0,29 20,00 2 4 4 23,0,22,3 27,2	80 TOO 600 ACIC 600 A	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2") **" SKIMMER	6,700 7,305 5,510 5,440 Lump Sum Lump Sum Lump Sum	SF SF SF LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L - LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L - LT) REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L - RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (32+31.41 - Y11 - REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,73 3 18,00 18,0,66,63 380,99 497,07 2,0,29 20,00 2 4 4 23,0,22,3 27,2	880 TO0 650 ACC 650 AC	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (2-1/2")	6,700 7,305 5,510 5,440 Lump Sum Lump Sum Lump Sum	SF SF SF LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (32+31.41 -Y11- REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,73 3 18,00 18,0,66,63 380,99 497,07 2,0,29 20,00 2 4 4 23,0,22,3 27,2	80 TOO 600 ACIC 600 A	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (2-1/2")	6,700 7,305 5,510 5,440 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	SF SF SF LS LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************* (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************* (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ******************** (1,20+70.23 -Y3-POT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,73 3 18,00 18,0,66,63 380,99 497,07 2,0,29 20,00 2 4 4 23,0,22,3 27,2	80 TOO 600 ACIC 600 A	SEDIMENT CONTROL STONE REMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (2-1/2") **" SKIMMER (3") **" SKIMMER	6,700 7,305 5,510 5,440 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	SF SF SF LS LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384+50.00 -L - LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384+50.00 -L - LT) REMOVAL OF EXISTING STRUCTURE AT STATION ************ (32+31.41 -Y11 - REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,7,3 3 18,6 6,6,6 497,0 2,0 2,9 20,0 2 4 4 23,0 22,3,2 27,2	80 TOO 600 ACIC 600 A	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (3") **" SKIMMER (4")	6,700 7,305 5,510 5,440 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	SF SF SF LS LS LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (32+31.41-Y11- REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,7,3 3 18,0 18,0 6,6,6 380,9 497,0 2,0 2,9 20,0 4 4 23,0 22,3 27,2	880 TOI 650 ACI 650 AC	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2") **" SKIMMER (2") **" SKIMMER (3") **" SKIMMER (3") **" SKIMMER (4") R SEEDING & MULCHING	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF LS LS LS LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************* (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************* (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************** (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
52,7,3 3 18,0 18,0 6,6,6 380,9 497,0 2,0 2,9 20,0 4 4 23,0 22,3 27,2	880 TOI 650 ACI 650 LF 650 LF 655 ACI 655	SEDIMENT CONTROL STONE REMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (3") **" SKIMMER (3") **" SKIMMER (4") REDIVITING & SEEDING & MULCHING MOWING	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF SF LS LS LS LS LS LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384-50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************* (384-50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************** (32+31.41 -Y11- REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,7,3 3 18,0 18,0,6 6,6,6 380,9 497,0 2,0 2,9 20,0 4 23,0 22,3 27,2	80 TOO 80 TOO 80 TOO 81 TOO 82 TOO 83 TOO 84 TOO 85 TOO 85 TOO 86 TOO 86 TOO 87 TOO 88	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (2-1/2") **" SKIMMER (3") **" SKIMMER (4") R SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF LS LS LS LS LS LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384+50.00 -L - LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384+50.00 -L - LT) REMOVAL OF TEMP ACCESS AT STA ************ (32+31.41 - Y11 - REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************ (1,20+70.23 - Y3 - POT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************* (1,24+05.50 - Y4 - REV POT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,7,3 3 18.0 18.0 18.0 6,6,6 380,9 497,0 2,0 2,9 20,0 22,3 27,2 3 3 3 3 3 3 6,4	80 TOO 600 ACIC 600 A	SEDIMENT CONTROL STONE TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1) 2") **" SKIMMER (2-1) SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- LT) REMOVAL OF TEMP ACCESS AT STA ************** (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************* (32+31-41 -Y11- REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
52,7,3 3 18.0 18.0 18.0 6.6 6.3 80,9 497.0 2.0 2.9 2 20,0 2 2,9 2 2,7,2	80 TOO 600 ACIC 600 A	SEDIMENT CONTROL STONE R TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEEDING TEMPORARY SLOPE DRAINS SAFETY FENCE SILT EXCAVATION MATTING FOR EROSION CONTROL COIR FIBER MAT PERMANENT SOIL REINFORCEMENT MAT 1/4" HARDWARE CLOTH **" TEMPORARY PIPE (15") **" TEMPORARY PIPE (18") **" TEMPORARY PIPE (24") TEMPORARY PIPE FOR STREAM CROSSING SPECIAL STILLING BASINS COIR FIBER WATTLE POLYACRYLAMIDE (PAM) COIR FIBER BAFFLE **" SKIMMER (1-1/2") **" SKIMMER (2-1/2") **" SKIMMER (2-1/2") **" SKIMMER (3") **" SKIMMER (4") R SEEDING & MULCHING MOWING SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING	6,700 7,305 5,510 5,440 Lump Sum	SF SF SF LS	MSE RETAINING WALL NO **** (2) MSE RETAINING WALL NO **** (3) MSE RETAINING WALL NO **** (4) MSE RETAINING WALL NO **** (5) MSE RETAINING WALL NO **** (6) STRUCTURE ITEMS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA *********** (384+50.00 -L- LT) CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ************ (384+50.00 -L- RT) REMOVAL OF EXISTING STRUCTURE AT STATION ************ (32+31.41 -Y11- REV 2) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************** (1,20+70.23 -Y3- POT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************

3,649.15 LF GENERIC STRUCTURE ITEM
74" MODIFIED PRESTRESSED
CONCRETE GIRDERS

108	LF	**'-**" DIA DRILLED PIERS NOT
		IN SOIL (4'-6")
216	LF	PERMANENT STEEL CASING FOR
		'-" DIA DRILLED PIER (4'-6")
2	EA	PDA TESTING
4 Lump Sum	EA LS	CSL TESTING UNCLASSIFIED STRUCTURE EXCAVA-
Lump Sum	L	TION AT STATION *******
I C	LS	(32+31.41 -Y11- REV 2) UNCLASSIFIED STRUCTURE EXCAVA-
Lump Sum	Lo	TION AT STATION *******
142,643	SF	(384+50.00 -L- RT) REINFORCED CONCRETE DECK SLAB
143,269	SF	GROOVING BRIDGE FLOORS
2,669.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(20+70.23 -Y3- POT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(24+05.50 -Y4- REV POT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(24+07.99 -Y9- POT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(29+07.16 -Y2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(32+31.41 -Y11- REV 2)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(384+50.00 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(384+50.00 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(596+50.98 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(596+50.98 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(611+32.01 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(611+32.01 -L- RT)
448,983 33,837	LB LB	REINFORCING STEEL (BRIDGE) SPIRAL COLUMN REINFORCING
33,037	LD	STEEL (BRIDGE)
729	LF	54" PRESTRESSED CONCRETE GIR- DERS
1,644	LF	63" PRESTRESSED CONCRETE GIR-
999.67	LF	DERS 72" PRESTRESSED CONCRETE GIR-
999.07	LI	DERS
1,318.42	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
1,043.38	LF	MODIFIED 72" PRESTRESSED CONC
2,782,000	LS	GIRDERS APPROX LBS STRUCTURAL
2,782,000	Lo	STEEL STEEL
443	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES
		(HP 12 X 53)
24,900 76	LF EA	HP12X53 STEEL PILES STEEL PILE POINTS
414.65	LF	TWO BAR METAL RAIL
5,137.58	LF	CONCRETE BARRIER RAIL
422.9	LF	VERTICAL CONCRETE BARRIER RAIL 1'-**"X *****" CONCRETE PARA-
399.4	LF	PET
1,016	LF	(1'-2" X 3'-2 3/4") **" CHAIN LINK FENCE
	-1	(60")
1,877	SY	4" SLOPE PROTECTION
1,751 2,015	TON SY	RIP RAP CLASS II (2'-0" THICK) GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum Lump Sum	LS LS	FOAM JOINT SEALS EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM
		ABESTOS ASSESSMENT

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FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID: C204020 44973.3.3 DIV OFFICE EDENTON LENGTH = 0.000 MI

COUNTY : HYDE, DARE

CONSTRUCTION OF ONE PASSENGER FERRY.

DBE GOAL 0% COMPLETION DATE: APR 28 2018

NC-12.

ROADWAY ITEMS

Lump Sum LS GENERIC MISCELLANEOUS ITEM PASSENGER FERRY