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 OCTOBER 17, 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, 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C., 27610. 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 SEPTEMBER 19, 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	. DIVISION ENGINEER	LOCATION	TOWN	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	Bid Letting Number L171017						
RPN	Contract Id	WBS	County	Length	JobType		
002	C203979	34839.3.GV6	FORSYTH	1.989 MI	WIDEN, GRADING, PAVING, DRAINAGE, SIGNING, SIGNALS, & STRS.		
003	C204090	2018CPT.03.05.10711 ETC.	PENDER	35.563 MI	MILLING, RESURFACING, AND SHOULDER CONST & RECONST.		
004	C203977	53022.3.1	JOHNSTON	16.340 MI	SIGNALS, PAVEMENT AND BRIDGE REHABILITATION.		
005	C204091	2018CPT.05.06.10921.1 ETC.	WAKE	23.070 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.		
006	C204013	53088.3.1	ROBESON	1.487 MI	GRADING, DRAINAGE, PAVING AND STRUCTURE.		
007	C203976	46077.3.1	MONTGOMERY, MOORE	0.082 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.		
008	C204089	2018CPT.13.01.10111 ETC.	BUNCOMBE	05.890 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.		

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FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

WIDEN, GRADING, PAVING, DRAINAGE, SIGNING, SIGNALS, & STRS.

CONTRACT ID : C203979 34839.3.GV6

DIV OFFICE WINSTON-SALEM

L171017 002

LENGTH = 1.989 MI

COUNTY :FORSYTH

DBE GOAL 12.0% COMPLETION DATE : NOV 28 2021

WINSTON-SALEM NORTHERN BELTWAY (EASTERN SECTION) FROM US-311 TO US-158 (FUTURE I-74)

Lamp SamLSMORELECTIONSam LSC C SPIEC CLUE ALSO, OBS' THE CLUE ALSO, OBS' THE CLUE ALSO, OBS' THE ALSO CLUE. (PE ALSO) ALSO CLUE			ROADWAY ITEMS	252	LF	**" CS PIPE CULVERTS, *****" THICK (78", 0.138")
Imps IS CONSTRUCTION SILEVENING 45 IF Imps IS Imps Imps <thimp< th=""> <thimp< th=""> <thimp< th=""></thimp<></thimp<></thimp<>	Lump Sum	LS	MOBILIZATION	380	LF	24" CS PIPE CULVERTS, 0.064"
INNGLUNGLUNGLUNGPPL REMOVALSUB (SALDRG ALMONDED WILLS1.5000.00CYUNCLASSIPPE SECURITIONLANDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLS1.5000.00CYUNCLASSIPPE SECURITIONANDRSUB (SALDRG ALMONDED WILLSLumpsLCIPINIC READED CONCENTRATIONSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSSUB (SALDRG ALMONDED WILLSLumpsLSUB (SA	Lump Sum Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	45	LF	***" X ***" CS PIPE ARCH CUL- VERTS, *****" THICK
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(29-34) 7(1) 500 CI SHALLOW INDERCOL (29-34) 7(1) SHALLOW INDERCOL 90 TON STANLOW INDERCOL (20-34) 7(1) STANLOW INDERCOL 90 TON STANLOW INDERCOL (20-34) 7(1) STANLOW INDERCOL 90 TON STANLOW INDERCOL (20-34) 7(3) (20-34) 7(3) STANLOW INDERCOL 90 TON STANLOW INDERCOL (20-34) 7(3) (20-34) 7(3) (20-34) 7(3) STANLOW INDERCOL STANLOW INDERCOL (20-34) 7(3) (20-34) 7(3) STANLOW INDERCOL STANLOW INDERCOL STANLOW INDERCOL (20-34) 7(3) (20-34) 7(3) STANLOW INDERCOL STANLOW INDERCOL STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL (20-35) 7(2) (20-35) 7(2) STANLOW INDERCOL (20-35) 7(2) STANLOW INDERCOL STANLOW INDERCOL STANLOW INDERCOL <td< td=""><td>Lump Sum</td><td>LS</td><td>REINFORCED BRIDGE APPROACH</td><td></td><td></td><td></td></td<>	Lump Sum	LS	REINFORCED BRIDGE APPROACH			
Lamp Sun I.S REINFORCED BRIDGE APPROACH (373-473-5 L T) 900 TON CLASS IN SUBMCRADE STABILZA TON Jump Sun I.S REINFORCED BRIDGE APPROACH (193-574-1 C) 501 TON STABILIZAN (193-574-1 C) Jump Sun I.S REINFORCED BRIDGE APPROACH (193-574-1 C) 501 TON STABILIZAN (193-574-1 C) JUMD COM V REINFORCED BRIDGE APPROACH (193-574-1 C) 501 TON STABILIZAN (193-574-1 C) JUMD COM V ROBROW IXCAVATION 200 TON NOTICE TALL (193-574-1 C) JUMD COM V REMADRICH CONSTRUCTION 200 TON ASPIALT CONCESTED CONSTRUCTION JUMD COM REMADRICH CONSTRUCTION 200 TON ASPIALT CONCESTER CONSTRUCTION 200 JUMD COM SV REMADRICH CONSTRUCTION 201 TON ASPIALT CONCESTER CONSTRUCTION JUMD COM SV REMADRICH CONCESTRUCTION 201 TON ASPIALT CONCESTRUCTION JUMD COM SV REMADRICH CONCESTRUCTION 201 TON ASPIALT CONCESTRUCTION JUMD COM SV				5,000	CY	SHALLOW UNDERCUT
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10000 CY INDECUTENCAVATION 2.670 TON MEAT BASE 1.70000 CY INDERVISION AND CAMEST FOR SOLCE- MEAT BASE MAIN CONSTRUCTION CONSTRUCTION 2.201 NO. MEAT DATE 1.900 CY DRAINAGE DEFINENCY CAUGES 2.201 NO. MILL CONSTRUCTION CONSTRUCTION 2.201 NO. MILL CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION 2.201 NO. MILL CONSTRUCTION	Lump Sum	LS	REINFORCED BRIDGE APPROACH			GEOTEXTILE FOR PAVEMENT STA-
LADQUOD CY BORROW EXCAVATION UNITE 2 EA MASNAGE DITCH EXCAVATION 1.00 TON ASPILAT CURING SEAL 1960 U DRINDAGE DITCH EXCAVATION 1.00 TON ASPILAT CURING SEAL 1960 D BRIND TOTCH CONSTRUCTION 2.63 TON ASPILAT CONC INTERMEDIATE 1970 N READ TOTCH EXCAVATION 1.00 TON ASPILAT CONC INTERMEDIATE 1970 N READ TOTCH EXCAVATION ASPILAT 1.00 TON ASPILAT CONC INTERMEDIATE 1970 N RELECT CRAINELAR MATERIAL 1.00 TON ASPILAT CONC SURFACE COURSE, TYPE 19.00 1980 SY CEDECT GRAINLAR MATERIAL 1.00 TON ASPILAT CONC SURFACE COURSE, TYPE 19.00 1990 TON SUBLET CRAINLAR MATERIAL 1.00 TON SUBLET CRAINLAR MATERIAL 1.00 TON SUBLET CRAINLAR MATERIAL 1.00 TON SUBPLAT CONC SURFACE COURSE, TYPE 19.00 1001 TON SUBLET CRAINLAR MATERIAL 1.00 TON SUBPLAT CONC SURFACE COURSE, TYPE 19.00						
10.00 10.00 <td< td=""><td></td><td></td><td></td><td>2,670</td><td>TON</td><td></td></td<>				2,670	TON	
19.50 CY DRAINGE DECH EXCAVATION 1.00 100 100 NO ASPHALT CONC NEASE COURSE, TYPE BASE 10.60 LF BERN DIFT CONSTRUCTION 2.60 100 ASPHALT CONC INTERMEDIATE 12.20 SY REALMON OF EXISTING ASPHALT 120 700 ASPHALT CONC INTERMEDIATE 12.20 SY REALMON OF EXISTING ASPHALT 100 700 ASPHALT CONC INTERMEDIATE 14.20 FR PROFENTILE FOR SOLL STABILIZA- 100 700 ASPHALT CONC SURFACE COURSE, 25.00 CV SELECT GRANULAR MATERIAL 1070 700 ASPHALT CONC SURFACE COURSE, 26.09 TON FOILDATION CONDITIONING MATE- 100 700 ASPHALT CONC SURFACE COURSE, 26.11 SY FOILDATION CONDITIONING GEO- 200 IF MILLED RUMBLE STRPF (ASPHALT CONC REFE) 26.24 LF # SYBED DRAIN PIPE 118 E REGIST OF WAY MARKERS 360 LF # SYBED DRAIN PIPE 118 E REGIST OF WAY MARKERS 364 LF # SYBED DRAIN PIPE <td></td> <td></td> <td></td> <td>24,210</td> <td>GAL</td> <td></td>				24,210	GAL	
19.200 2'r BESOB B250B 19.201 Y BEROVAL OF EXISTING ASPHALT 120 TON ASPHALT CORC INTERMEDIATE 1.202 S'r REEAKING OF EXISTING ASPHALT 120 TON ASPHALT CORC INTERMEDIATE 40 HE PROOF ROLLING 1 TON ASPHALT CORC INTERMEDIATE 35.900 CV SELECT GANNLAR MATERIAL 1.97 TON ASPHALT CORC SURFACE COURSE, TORE SURFACE COURSE, TRUE SURFACE COURSE, TORE SURFACE COURSE, TRUE SURFACE SURFACE COURSE, TRUE SURFACE COURSE, TRUE SURFACE COURSE, TRUE SURFACE						
19.20 S1 REMARANCE DE EXISTING ASPHALT 1.20 TON ASPHALT CONC INTERMEDIATE 1.20 FV RECARMENT E EXISTING ASPHALT 30,170 TON ASPHALT CONC INTERMEDIATE 40 HR PROOP ROLLING 30,170 TON ASPHALT CONC INTERMEDIATE 55.900 CV SELECT GRANULAR MATERIAL 1.90 TON ASPHALT CONC SUBFACE COURSE, TYPE 15.96 2.029 TON FOURDATION CONDITIONING MATE- 1.100 TON ASPHALT CONC SUBFACE COURSE, TYPE 5.95.6 2.029 TON FOURDATION CONDITIONING MATE- 1.100 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 2.041 LF FOURDATION CONDITIONING GEO- 90 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 2.041 LF IS SIDE DRAIN PIPE 30,200 LF MILLED RUMBLE STRIPS (ASPHALT CONC SUBFACE COURSE, TYPE 5.95.6 3.041 LF IS SIDE DRAIN PIPE 30,200 LF MILLED RUMBLE STRIPS (ASPHALT CONC SUBFACE COURSE, TYPE 5.95.6 3.041 LF IS SIDE DRAIN PIPE 30,200 LF MILLED RUMBLE STRIPS (ASPHALT CONC SUBFACE COURSE, TYPE 5.95.6 3.041 LF IS SIDE DRAIN PIPE SIDE			BERM DITCH CONSTRUCTION	2,620	TON	
1.40 15 BAYMAN PERSING ASPRACI 30,70 TON ASPRALT CONC INTERMEDIATE COURSE, TYPE 19.0C 36 HR PROOF ROLLING 1970 TON ASPRALT CONC INTERMEDIATE COURSE, TYPE 19.0C 35,900 CY SUBJECT GRANULAR MATERIAL 1970 TON ASPRALT CONC SUBFACE COURSE, TYPE 59.50 20.29 TON FORDATION CONDITIONING MATE- RAL, MINOR STRUCTURES 1,00 TON ASPRALT CONC SUBFACE COURSE, TYPE 59.5A 6.011 SY FORDATION CONDITIONING GEO- TYPE 59.5A 90 TON ASPRALT PLANT MIX, PAVEMENT REPAIR 2.41 LF *** SIDE DRAIN PIPE 30,200 LF MILLED RUMBLE STRPS (ASPRALT CONCRETE) 3.42 LF IF SIDE DRAIN PIPE 104 EA SUBDRAIN PIRE (ASPRALT) 3.43 LF IF SIDE DRAIN PIPE 104 EA SUBDRAIN PIRE (ASPRALT) 3.44 LF IF SIDE DRAIN PIPE 104 EA SUBDRAIN PIRE CONCRETE 3.44 LF IF SIDE DRAIN PIPE ELBOWS 105 F FEROARD 3.45 LF IF SIDE DRAIN PIPE ELBOWS 106 F FEROARD 3.46 LF IF SIDE DRAIN PIPE ELBOWS 106 F FEROARD 3.46 LF SIDE DRAIN PIPE ELBOWS 106<	19,620	SY		1,230	TON	ASPHALT CONC INTERMEDIATE
10 1.90 100 ASPHALT CONC SURFACE COURSE TYPE 59.58 35.000 CV SELECT CARNULAR MATERIAL TON 25.40 TON ASPHALT CONC SURFACE COURSE TYPE 59.56 2.229 TON POLNDATION CONDITIONING MATE- TRIAL MINOS RINCUTURES 1.00 TON ASPHALT CONC SURFACE COURSE TYPE 59.56 2.29 TON POLNDATION CONDITIONING MATE- TRIAL MINOS RINCUTURES 1.00 TON ASPHALT PLANT MIX, PAVEMENT REATING 2.24 LF *** SIDE DRAIN PIPE 36.200 LF MILLED RUMBLE STRIPS (ASPHALT (G*) 3.30 LF *** SIDE DRAIN PIPE 114 EA RIGHT OF WAY MARKERS 3.40 LF 15 SIDE DRAIN PIPE 5.01 CY SUBDRAIN PIPE ADDIA 3.41 LEA *** SIDE DRAIN PIPE ELBOWS 1.450 LF OTHIET 3.50 LF SIDE DRAIN PIPE ELBOWS 7.360 LF SIDEDRAIN PIPE ADDIA 3.28 LF *** SIDE DRAIN PIPE CULVERTS, CLASS 270 LF 4*OULDER DRAIN 3.29 LF SIDE DRAIN PIPE CULVERTS, CLASS 270 LF			PAVEMENT	30,170	TON	ASPHALT CONC INTERMEDIATE
$ \begin{array}{ccccc} \mbox{PPE 393B} \\ \mbox{PPE 303B} \\ $				1,970	TON	
2.09 TON POINDATION CONDITION NO MATE- INLAL MINOR STRUCTURES 1.00 TON ASPHALT CONC SURFACE COURSE, TWE SP5.5A. 6.911 SY POINDATION CONDITIONING GEO- TEXTILE 9 TON ASPHALT PLANT MIX, PAVEMENT REPAIR 2.24 LF ****SIDE DRAIN PIPE (36) 52.00 LF MILED RUMBLE STRIPS (ASPHALT CONCERTE) 3.01 LF ***SIDE DRAIN PIPE 114 EA CONCENTE) 3.02 LF 15* SIDE DRAIN PIPE 114 EA CV SUBDRAIN NEX AGGREGATE 3.03 LF 24* SIDE DRAIN PIPE 5.02 CY SUBDRAIN NEX AGGREGATE 3.04 LF 4* SIDE DRAIN PIPE ELBOWS 144 EA SUBDRAIN NEX AGGREGATE 3.05 LF 4*** SIDE DRAIN PIPE ELBOWS 149 LF 6* DUBRAIN PIPE OUTLET 3.05 LF ***** SIDE DRAIN PIPE ELBOWS 149 LF 6* OUTLET PIPE 3.06 LF ***** SIDE DRAIN PIPE ELBOWS 149 LF 5* OUTLET DRAIN PIPE 3.06 LF ****** SIDE DRAIN PIPE ELBOWS 149 LF 6* OUTLET PIPE 3.07 TE* ****			GEOTEXTILE FOR SOIL STABILIZA-	25,440	TON	ASPHALT CONC SURFACE COURSE,
6.91 SY POUNDATION CONDITIONING GEO- TEXTILE 90 TON ASPHALT PLANT MIX, PAVEMENT REPAR 224 LF ***** SIDE DRAIN PIPE (36') 56.200 LF MILLED RUMBLE STRIPS (ASPHALT CONCRETE) 1.412 LF 57 SIDE DRAIN PIPE 14 EA RIGHT OF WAY MARKERS 368 LF 18' SIDE DRAIN PIPE 1.42 EA RIGHT OF WAY MARKERS 300 LF 24' SIDE DRAIN PIPE 1.42 SIDE DRAIN PIPE ELBOWS 1.45 301 LF 3* SIDE DRAIN PIPE ELBOWS 1.90 LF 6' OUTLET PIPE 302 LF *** SIDE DRAIN PIPE ELBOWS 7.30 LF 4' SUBDRAIN PIPE 303 LF **** SIDE DRAIN PIPE ELBOWS 7.30 LF 4' SUBDRAIN PIPE 304 LF ****** SIDE DRAIN PIPE ELBOWS 7.30 LF 4' SUBDRAIN PIPE 305 LF ******* SIDE DRAIN PIPE EA CONCRETE PAD FOR SHOULDER 306 LF 5' CPIPE CULVERTS, CLASS 20' CY FW ACOPIPE CULVERTS, CLASS 20' CY	2,029	TON		1,100	TON	ASPHALT CONC SURFACE COURSE,
22I.FF*** SIDE DRAIN PIPE (36)36.200I.FMILLED RUMBLE STRIPS (ASPHALT CONCRETE)1.4I.FI.FSIDE DRAIN PIPE14EARIGHT OF WAY MARKERS300I.F24' SIDE DRAIN PIPE5.01CVSUBDRAIN FINE AGREGATE14EA*** SIDE DRAIN PIPE ELBOWS14.950I.F6' PERFORATED SUBDRAIN PIPE14EA*** SIDE DRAIN PIPE ELBOWS180I.F6' PERFORATED SUBDRAIN PIPE15EA*** SIDE DRAIN PIPE ELBOWS7.300I.FSHOULDER DRAIN16EA*** SIDE DRAIN PIPE ELBOWS7.300I.F4'' OUTLET PIPE2EA*** SIDE DRAIN PIPE ELBOWS7.300I.F4'' OUTLET PIPE2EA*** SIDE DRAIN PIPE ELBOWS7.300I.F4'' OUTLET PIPE2EA**** RC PIPE CULVERTS, CLASS200I.F4'' OUTLET PIPE2.84FF R' PIPE CULVERTS, CLASS200I.F4'' OUTLET PIPE2.84RC PIPE CULVERTS, CLASS9C.YREINFORCED ENDWALLS1.68I.F8'' RC PIPE CULVERTS, CLASS1C.YPIPE COLLARS1.100I.F30'' RC PIPE CULVERTS, CLASS9C.YPIDE COLLARS1.100I.F30'' RC PIPE CULVERTS, CLASS1C.YPIDE COLLARS1.100I.F30'' RC PIPE CULVERTS, CLASS22FMASONRY DRAINAGE STRUCTURES200I.F30'' RC PIPE CULVERTS, CLASS IV1EAFRAME WTH TWO GRATES, STD <td>6,911</td> <td>SY</td> <td></td> <td>90</td> <td>TON</td> <td>ASPHALT PLANT MIX, PAVEMENT</td>	6,911	SY		90	TON	ASPHALT PLANT MIX, PAVEMENT
1,412 LP 15* SUDE DRAIN PIPE 114 EA RIGHT OF WAY MARKERS 360 LF 18* SUDE DRAIN PIPE 5.024 CY SUBDRAIN FIRE AGGREGATE 300 LF 24* SUDE DRAIN PIPE 5.024 CY SUBDRAIN FIRE AGGREGATE 14 EA **** SIDE DRAIN PIPE ELBOWS 130 LF 6* PERFORATED SUBDRAIN PIPE 15 TOTAL CONTRCT CONTROL CONTR	224	LF		36,200	LF	MILLED RUMBLE STRIPS (ASPHALT
300LF24" SIDE DRAIN PIPE5.024CYSUBDRAIN FIXE ACAVATION14EA*** SIDE DRAIN PIPE ELBOWS14,950LF6" PERFORATED SUBDRAIN PIPE CAGREGATE14EA*** SIDE DRAIN PIPE ELBOWS30EASUBDRAIN PIPE OUTLET(15')180EASUBDRAIN PIPE ELBOWS30EA(18')**** SIDE DRAIN PIPE ELBOWS7.360LF\$HOULDER DRAIN(18')***** RC PIPE CULVERTS, CLASS270LF4" OUTLET PIPE FOR SHOULDER(24', V)				114	EA	
14 EA *** SIDE DRAIN PIPE ELBOWS 12.512 CY SUBDRAIN PIPE ACGREGATE 15'' 15'' 14.950 14 6''' EA SUBDRAIN PIPE ELBOWS 30 EA SUBDRAIN PIPE OUTLET 16''' *** SIDE DRAIN PIPE ELBOWS 7.360 14'''' F''''''''''''''''''''''''''''''''''''				5,024	CY	SUBDRAIN EXCAVATION
b EA *** SIDE DRAIN PIPE ELBOWS 180 LF 6* OUTLET PIPE 2 EA *** SIDE DRAIN PIPE ELBOWS 7,360 LF SHOULDER DRAIN PIPE 24* C4*) 7,360 LF 4* SHOULDER DRAIN PIPE 228 LF ****R C PIPE CULVERTS, CLASS 7,360 LF 4* OUTLET PIPE FOR SHOULDER DRAIN PIPE 228 LF ****R C PIPE CULVERTS, CLASS 7,360 LF 4* OUTLET PIPE FOR SHOULDER DRAIN PIPE 4,044 LF 15* RC PIPE CULVERTS, CLASS 9 FA CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET 4,044 LF 15* RC PIPE CULVERTS, CLASS 9 CY REINFORCED ENDWALLS 16.02 LF 18* RC PIPE CULVERTS, CLASS 1 CY PEPC OLLARS 11 LF 24* RC PIPE CULVERTS, CLASS 2 CY PLOWABLE FILL 1,200 LF 30* RC PIPE CULVERTS, CLASS 2 CY PLOWABLE FILL 1,200 LF 30* RC PIPE CULVERTS, CLASS 2 CY MASONRY DRAINAGE STRUCTURES 1,44 LF 36* RC PIPE CULVERTS, CLASS 2 LF MASONRY DRAINAGE STRUCTURES 1,200 LF 4* KC PIPE CULVERTS, CLASS 2 LF RAME WTH TWO GRATES, STD S40.01 </td <td></td> <td></td> <td>(15")</td> <td></td> <td></td> <td></td>			(15")			
2 EA *** SIDE DRAIN PIPE ELBOWS 7,360 LF SHOULDER DRAIN PIPE 228 LF ***** RC PIPE CULVERTS, CLASS 270 LF 4" SHOULDER DRAIN PIPE 228 LF ****** RC PIPE CULVERTS, CLASS 270 LF 4" OUTLET PIPE FOR SHOULDER DRAIN 24", V) 9 EA CONCRETE PAD FOR SHOULDER DRAIN DRAIN PIPE OUTLET 4.044 LF IS "RC PIPE CULVERTS, CLASS 9 FA CONCRETE PAD FOR SHOULDER DRAIN 1,628 LF IS "RC PIPE CULVERTS, CLASS 9 CY ENDWALLS 11 15 TON BLOTTING SAND 1 CY PIPE COLLARS 1,628 LF 3" RC PIPE CULVERTS, CLASS 1 CY PIDWALLS 1 1,628 LF 30" RC PIPE CULVERTS, CLASS 1 CY PIDWALLS 1 1,200 LF 30" RC PIPE CULVERTS, CLASS 1 CY PIDWALLS 1 1,200 LF 30" RC PIPE CULVERTS, CLASS 1 EA MASONRY DRAINAGE STRUCTURES 1,400 LF 3" RC PIPE CULVERTS, CLASS 1	6	EA				
C4*)7,360LF4" SHOULDER DRAIN PIPE228LF****C CPPE CULVERTS, CLASS20LF4" OUTLET PIPE FOR SHOULDER DRAINS24*, V)(24*, V)PEACONCRETE PAD FOR SHOULDER DRAINS4,044LF15 "RC PIPE CULVERTS, CLASSPEACONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET1,628LF18" RC PIPE CULVERTS, CLASS9CYENDWALLS1,624LF24* RC PIPE CULVERTS, CLASS1CYPIPE OCLARS1,200LF30" RC PIPE CULVERTS, CLASS1CYFICOWABLE FILL1,200LF30" RC PIPE CULVERTS, CLASS2EAMASONRY DRAINAGE STRUCTURES1,200LF30" RC PIPE CULVERTS, CLASS3EAFRAME WITH GRATE, STD 840.221,200LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.221,200LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.16200LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.20210LF45" RC PIPE CULVERTS, CLASS IV2LAFRAME WITH TWO GRATES, STD 840.20220LF42" RC PIPE CULVERTS, CLASS IV2LAFRAME WITH TWO GRATES, STD 840.20220LF42" RC PIPE CULVERTS, CLASS IV2LAFRAME WITH TWO GRATES, STD 840.202312LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.202414LF	2	EA				
 ****** (24", V) (24", C) PIPE CULVERTS, CLASS (25", C) PIPE CULVERTS, CLASS (27", PIPE CULVERTS, CLASS (30", V) (4") (4") (5") (5") (60") (5") (60") (60") (60") (60") (60") (60") (21") 	-	2.1		7,360	LF	4" SHOULDER DRAIN PIPE
4.044LF15" RC PIPE CULVERTS, CLASSDRAIN PIPE OUTLET1115TONBLOTTING SAND1.628LF18" RC PIPE CULVERTS, CLASS9CYENDWALLS464LF24" RC PIPE CULVERTS, CLASS1CYPIPE COLLARS11120LF30" RC PIPE CULVERTS, CLASS2EAMASONRY DRAINAGE STRUCTURES11.200LF30" RC PIPE CULVERTS, CLASS2EAMASONRY DRAINAGE STRUCTURES11.200LF30" RC PIPE CULVERTS, CLASS32CYMASONRY DRAINAGE STRUCTURES11.200LF30" RC PIPE CULVERTS, CLASS32LFMASONRY DRAINAGE STRUCTURES12.201LF30" RC PIPE CULVERTS, CLASS32LFMASONRY DRAINAGE STRUCTURES12.202LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.2213.203LF42" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.2214.30LF42" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.2015.31LF42" RC PIPE CULVERTS, CLASS IV31EAFRAME WITH TWO GRATES, STD 840.2915.32LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.2915.32LF15" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH GRATE & HOOD, STD 840.3115.33LF15" RC PIPE CULVERTS, CLASS IV5EAFRAME WITH GRATE & HOOD, STD 840.3115.44LF36" RC PIPE CULVERTS, CLASS	228	LF	****			DRAINS
1,628LF18° RC PIPE CULVERTS, CLASS9CYENDWALLS464LF24" RC PIPE CULVERTS, CLASS9CYREINFORCED ENDWALLS464LF24" RC PIPE CULVERTS, CLASS1CYPIPE COLLARS1,200LF30" RC PIPE CULVERTS, CLASS92EAMASONRY DRAINAGE STRUCTURES11111111111111111112,00LF30" RC PIPE CULVERTS, CLASS92EAMASONRY DRAINAGE STRUCTURES148LF36" RC PIPE CULVERTS, CLASS32LFMASONRY DRAINAGE STRUCTURES200LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.22201LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.21202LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.22203LF42" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.20204LF****** RC PIPE CULVERTS, CLASS50EAFRAME WITH TWO GRATES, STD 840.20205LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.20206LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.20207208LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.20208LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH COVER, STD 840.54209 <td>4,044</td> <td>LF</td> <td>15" RC PIPE CULVERTS, CLASS</td> <td></td> <td></td> <td>DRAIN PIPE OUTLET</td>	4,044	LF	15" RC PIPE CULVERTS, CLASS			DRAIN PIPE OUTLET
464LF24" RC PIPE CULVERTS, CLASS1CYREINFORCED ENDWALLS1, 200LF30" RC PIPE CULVERTS, CLASS1CYPIE COLLARS1, 1, 200LF30" RC PIPE CULVERTS, CLASS92EAMASONRY DRAINAGE STRUCTURES448LF36" RC PIPE CULVERTS, CLASS32CYMASONRY DRAINAGE STRUCTURES448LF36" RC PIPE CULVERTS, CLASS32LFMASONRY DRAINAGE STRUCTURES200LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.22201LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.23202LF*****" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.22203LF*****" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.23204LF*****" RC PIPE CULVERTS, CLASS IV31EAFRAME WITH TWO GRATES, STD 840.29205LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.292044LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.29215LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.29216LF36" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.5428LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54288LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WI	1,628	LF				
IIIIIPE COLLARS1CYFLOWABLE FILL1CYFLOWABLE FILL1S0" RC PIPE CULVERTS, CLASS921EAMASONRY DRAINAGE STRUCTURES1S3" RC PIPE CULVERTS, CLASS321CYMASONRY DRAINAGE STRUCTURES20LF42" RC PIPE CULVERTS, CLASS11EAFRAME WITH GRATE, STD 840.221II3EA20LF42" RC PIPE CULVERTS, CLASS120LF*****" RC PIPE CULVERTS, CLASS120LF*****" RC PIPE CULVERTS, CLASS120LF*****" RC PIPE CULVERTS, CLASS320LF*****" RC PIPE CULVERTS, CLASS320LF*****" RC PIPE CULVERTS, CLASS3120LF******" RC PIPE CULVERTS, CLASS3120LF******" RC PIPE CULVERTS, CLASS5020LF*********************************	161			53	CY	REINFORCED ENDWALLS
1,200LF30° RC PIPE CULVERTS, CLASS92EAMASONRY DRAINAGE STRUCTURES448LF36° RC PIPE CULVERTS, CLASS32CYMASONRY DRAINAGE STRUCTURES448LF36° RC PIPE CULVERTS, CLASS32LFMASONRY DRAINAGE STRUCTURES200LF42° RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.22201LF42° RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD202LF42° RC PIPE CULVERTS, CLASS3EAFRAME WITH TWO GRATES, STD203LF*******RC PIPE CULVERTS, CLASS3EAFRAME WITH TWO GRATES, STD204LF******RC PIPE CULVERTS, CLASS IV20EAFRAME WITH TWO GRATES, STD205LF15° RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD206LF24° RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD20722EAFRAME WITH TWO GRATES, STD840.29208LF15° RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD209512LF18° RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD208LF24° RC PIPE CULVERTS, CLASS IV2EAFRAME WITH COVER, STD 840.5428LF42° RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.5428LF42° RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54 <td>464</td> <td>LF</td> <td></td> <td></td> <td></td> <td></td>	464	LF				
III32CYMASONRY DRAINAGE STRUCTURES448LF36" RC PIPE CULVERTS, CLASS53.2LFMASONRY DRAINAGE STRUCTURES220LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.22201LF*****" RC PIPE CULVERTS, CLASS1EAFRAME WITH TWO GRATES, STD 840.16202LF******" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.16203LF******" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.22204LF******" RC PIPE CULVERTS, CLASS IV21EAFRAME WITH TWO GRATES, STD 840.22205LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.292988LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.54840LF36" RC PIPE CULVERTS, CLASS IV3EAFRAME WITH COVER, STD 840.542988LF15" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54208LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54208LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54208LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54208LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54208LF42" RC PIPE CULVERTS, *****"3EACONCRETE TRANSITIONAL SEC	1,200	LF				
1EAFRAME WITH GRATE, STD 840.2220LF42" RC PIPE CULVERTS, CLASS1EAFRAME WITH GRATE, STD 840.22260LF*****" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.16260LF*****" RC PIPE CULVERTS, CLASS31EAFRAME WITH TWO GRATES, STD 840.20261LF*****" RC PIPE CULVERTS, CLASS50EAFRAME WITH TWO GRATES, STD 840.20244LF*****" RC PIPE CULVERTS, CLASS IV50EAFRAME WITH TWO GRATES, STD 840.202512LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)38LF36" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH COVER, STD 840.5440LF36" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.54288LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.541,144LF**" CS PIPE CULVERTS, *****"3EACONCRETE TRANSITIONAL SECTION FOR DROP INLET	448	LF		32	CY	MASONRY DRAINAGE STRUCTURES
260LF***** "RC PIPE CULVERTS, CLASS840.16IVIV31EAFRAME WITH TWO GRATES, STD 840.20244LF***** "RC PIPE CULVERTS, CLASS50EAFRAME WITH TWO GRATES, STD 840.222.988LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.292.988LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.29512LF18" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)800LF24" RC PIPE CULVERTS, CLASS IV2GA840LF36" RC PIPE CULVERTS, CLASS IV4EA840LF36" RC PIPE CULVERTS, CLASS IV4EA841LF36" RC PIPE CULVERTS, CLASS IV4EA842LF42" RC PIPE CULVERTS, CLASS IV4EA843LF42" RC PIPE CULVERTS, CLASS IV4EA844LF42" RC PIPE CULVERTS, CLASS IV4EA844LF42" RC PIPE CULVERTS, CLASS IV4EA845LF42" RC PIPE CULVERTS, CLASS IV4EA845LF42" RC PIPE CULVERTS, CLASS IV4EA846LF42" RC PIPE CULVERTS, CLASS IV4EA8474444FAFRAME WITH COVER, STD 840.54847454545FA84745454545847454545	220	LF	42" RC PIPE CULVERTS, CLASS	1	EA	FRAME WITH GRATE, STD 840.22
(60")840.20244LF***** RC PIPE CULVERTS, CLASS IV (72")50EAFRAME WITH TWO GRATES, STD 840.222,988LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD 840.29512LF18" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.31 TYPE ** (G)800LF24" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.31 TYPE ** (G)84LF36" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.5484LF36" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.5484LF36" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.541,144LF**" CS PIPE CULVERTS, *****" THICK3EACONCRETE TRANSITIONAL SECTION FOR DROP INLET	260	LF	****" RC PIPE CULVERTS, CLASS			840.16
IV840.22(72")2EAFRAME WITH TWO GRATES, STD2,988LF15" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH TWO GRATES, STD512LF18" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD800LF24" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD801LF36" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH COVER, STD 840.5484LF36" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.5484LF42" RC PIPE CULVERTS, CLASS IV4EAFRAME WITH COVER, STD 840.541,144LF**" CS PIPE CULVERTS, *****"3EACONCRETE TRANSITIONAL SECTION1,144LF**" CS PIPE CULVERTS, *****"3EAFOR DROP INLET	244	LE	(60")			840.20
2,988LF15" RC PIPE CULVERTS, CLASS IV840.29512LF18" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)800LF24" RC PIPE CULVERTS, CLASS IV840.03, TYPE ** (G)84LF36" RC PIPE CULVERTS, CLASS IV6288LF42" RC PIPE CULVERTS, CLASS IV41,144LF**" CS PIPE CULVERTS, *****" THICK384LF60" RC PIPE CULVERTS, *****" FOR DROP INLET	244	LF	IV			840.22
512LF18" RC PIPE CULVERTS, CLASS IV2EAFRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)80LF24" RC PIPE CULVERTS, CLASS IV840.03, TYPE ** (G)84LF36" RC PIPE CULVERTS, CLASS IV(G)288LF42" RC PIPE CULVERTS, CLASS IV4EA1,144LF**" CS PIPE CULVERTS, *****" THICK3EA	2,988	LF		2	LA	
84LF36" RC PIPE CULVERTS, CLASS IV(G)288LF42" RC PIPE CULVERTS, CLASS IV4EA1,144LF**" CS PIPE CULVERTS, *****"3EATHICKTHICKCONCRETE TRANSITIONAL SECTION FOR DROP INLET	512	LF		2	EA	
64 LF 50 RCPIPE CULVERTS, CLASS IV 4 EA FRAME WITH COVER, STD 840.54 288 LF 42" RC PIPE CULVERTS, CLASS IV 3 EA FRAME WITH COVER, STD 840.54 1,144 LF **" CS PIPE CULVERTS, *****" 3 EA CONCRETE TRANSITIONAL SECTION 1,144 LF **THCK 3 EA CONCRETE TRANSITIONAL SECTION						
288 LF 42 RC PIPE CULVERTS, CLASS IV 3 EA CONCRETE TRANSITIONAL SECTION 1,144 LF ******" THICK 3 EA CONCRETE TRANSITIONAL SECTION				4	EA	
THICK FOR DROP INLET						
	1,144	ы,	THICK			FOR DROP INLET

			21	DAY	PORTABLE CHANGEABLE MESSAG
2	EA	**" SLUICE GATE	200	EA	SIGN (SHORT TERM) DRUMS
			200 50	EA	CONES
1,110	LF	2'-6" CONCRETE CURB & GUTTER	384	LF	BARRICADES (TYPE III)
4,290	LF LF	SHOULDER BERM GUTTER	140		FLAGGER
640 1,250	SY	CONCRETE EXPRESSWAY GUTTER 6" CONCRETE DRIVEWAY	50	EA	SKINNY DRUM
42	SY	4" CONCRETE PAVED DITCH	18	EA	TUBULAR MARKERS (FIXED)
2,180	SY	5" MONOLITHIC CONCRETE ISLANDS	193	EA	TEMPORARY RAISED PAVEMENT
_,		(KEYED IN)			MARKERS
1	EA	ADJUSTMENT OF MANHOLES	310	LF	THERMOPLASTIC PAVEMENT MAR LINES (12", 90 MILS)
6	EA	ADJUSTMENT OF METER BOXES OR	46	LF	THERMOPLASTIC PAVEMENT MAR
28.000	L E	VALVE BOXES			LINES (16", 120 MILS)
28,000 2	LF EA	STEEL BM GUARDRAIL STEEL BM GUARDRAIL TERMINAL	256	LF	THERMOPLASTIC PAVEMENT MAR
2	LA	SECTIONS			LINES (24", 120 MILS)
10	EA	ADDITIONAL GUARDRAIL POSTS	2	EA	THERMOPLASTIC PAVEMENT MAR CHARACTER (120 MILS)
17	EA	GUARDRAIL ANCHOR UNITS, TYPE	57	EA	THERMOPLASTIC PAVEMENT MAR
		CAT-1			SYMBOL (90 MILS)
5	EA	GUARDRAIL ANCHOR UNITS, TYPE III	67,704	LF	PAINT PAVEMENT MARKING LINES
23	EA	GUARDRAIL END UNITS, TYPE TL-3	14.000		(4")
4	EA	GUARDRAIL END UNITS, TYPE TL-2	14,090	LF	PAINT PAVEMENT MARKING LINES (6")
12	EA	GUARDRAIL ANCHOR UNITS, TYPE	3,830	LF	PAINT PAVEMENT MARKING LINES
		B-77	2,023		(12")
1,200	LF	TEMPORARY STEEL BM GUARDRAIL	10	LF	PAINT PAVEMENT MARKING LINES
6	EA	TEMPORARY GUARDRAIL END UNITS,			(24")
		TYPE ***** (TL-3)	32	EA	PAINT PAVEMENT MARKING SYMB
24,560	LF	WOVEN WIRE FENCE, 47" FABRIC	31,888	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)
1,520	EA	4" TIMBER FENCE POSTS, 7'-6"			(HIGHLY REFLECTIVE ELEMENTS)
-,		LONG	75,872	LF	POLYUREA PAVEMENT MARKING
440	EA	5" TIMBER FENCE POSTS, 8'-0"			LINES (6", *********)
		LONG			(HIGHLY REFLECTIVE ELEMENTS)
3,500	TON	RIP RAP, CLASS I	4,324	LF	POLYUREA PAVEMENT MARKING LINES (12", *********)
800	TON	RIP RAP, CLASS II			(HIGHLY REFLECTIVE ELEMENTS)
20	TON	RIP RAP, CLASS A	4,432	LF	REMOVAL OF PAVEMENT MARKIN
5,400 15	TON TON	RIP RAP, CLASS B BOULDERS			LINES (4")
25,050	SY	GEOTEXTILE FOR DRAINAGE	23,230	LF	REMOVAL OF PAVEMENT MARKIN
25,050	CY	PLAIN CONCRETE SIGN FOUNDA-	207		LINES (6")
1	C1	TIONS	385	LF	REMOVAL OF PAVEMENT MARKIN LINES (8")
51	CY	OVERHEAD FOOTING	3,150	LF	REMOVAL OF PAVEMENT MARKIN
472	LB	SUPPORTS, BREAKAWAY STEEL BEAM	5,150		LINES (12")
2,701	LF	SUPPORTS, 3-LB STEEL U-CHANNEL	10	LF	REMOVAL OF PAVEMENT MARKIN
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-			LINES (24")
		TURE AT STA ***** (410+00 -L-)	5	EA	REMOVAL OF PAVEMENT MARKIN
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	257	EA	SYMBOLS & CHARACTERS PERMANENT RAISED PAVEMENT
Lump Sum	LO	TURE AT STA *****	251	ĽA	MARKERS
		(458+00 -L-)	1,247	EA	SNOWPLOWABLE PAVEMENT MAR
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	3	EA	7' U-CHANNEL POSTS
		TURE AT STA ***** (459+00 -L-)	65	EA	FLEXIBLE DELINEATORS (CRYSTAL
Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUC-	62	EA	FLEXIBLE DELINEATORS (YELLOW
Lump Sum	2.5	TURE AT STA *****	10	EA	FLEXIBLE DELINEATORS (CRYSTA)
		(481+00 -L-)			& RED)
7	EA	SIGN ERECTION, TYPE D	55	EA	FLEXIBLE DELINEATORS (YELLOW RED)
83	EA	SIGN ERECTION, TYPE E	3	EA	OBJECT MARKERS (END OF ROAD)
15	EA	SIGN ERECTION, TYPE F	1,452	LF	12" WATER LINE
6	EA	SIGN ERECTION, TYPE *** (OVER- HEAD)	2,245	LF	16" WATER LINE
		(A)	8,030	LB	DUCTILE IRON WATER PIPE
1	EA	SIGN ERECTION, TYPE *** (OVER-			FITTINGS
		HEAD)	2	EA	12" TAPPING VALVE
		(B)	2	EA	16" TAPPING VALVE
2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)	2	EA	1" AIR RELEASE VALVE
		(A)	1	EA	6" BLOW OFF
2	EA	SIGN ERECTION, TYPE ***	8	EA	RELOCATE WATER METER
		(GROUND MOUNTED)	5 222	EA LF	RELOCATE FIRE HYDRANT ABANDON 8" UTILITY PIPE
	EA	(B) SIGN ERECTION, MILEMARKERS	440	LF	ABANDON 8" UTILITY PIPE
6 16	EA EA	SIGN ERECTION, MILEMARKERS SIGN ERECTION, OVERLAY (OVER-	355	LF	ABANDON 16" UTILITY PIPE
10	LA	HEAD)	4	EA	REMOVE WATER METER
1	EA	SIGN ERECTION, RELOCATE, TYPE	2	EA	REMOVE FIRE HYDRANT
		**** (GROUND MOUNTED)	2	EA	ABANDON UTILITY MANHOLE
		(D)	1	EA	REMOVE UTILITY MANHOLE
3	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)	210	LF	24" ENCASEMENT PIPE
		(F)	305	LF	30" ENCASEMENT PIPE
4	EA	SIGN ERECTION, REPOSITION	2	EA	GENERIC UTILITY ITEM
		OVERHEAD	00 500	1 F	ABANDON SEWER CONNECTION
22	EA	DISPOSAL OF SIGN SYSTEM, U-	92,500	LF	TEMPORARY SILT FENCE
	-	CHANNEL	2,250	IUN	STONE FOR EROSION CONTROL, CLASS A
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL	41,000	TON	STONE FOR EROSION CONTROL,
4	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)			CLASS B
833	SF	WORK ZONE SIGNS (STATIONARY)	34,885	TON	SEDIMENT CONTROL STONE
192	SF	WORK ZONE SIGNS (PORTABLE)	302.5		TEMPORARY MULCHING
			12,800	LB	SEED FOR TEMPORARY SEEDING

342	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
21	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
200	EA	DRUMS
50	EA	CONES
384 140	LF DAY	BARRICADES (TYPE III) FLAGGER
50	EA	SKINNY DRUM
18	EA	TUBULAR MARKERS (FIXED)
193	EA	TEMPORARY RAISED PAVEMENT MARKERS
310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
46	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
256	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
57	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
7,704	LF	PAINT PAVEMENT MARKING LINES (4")
4,090	LF	PAINT PAVEMENT MARKING LINES (6")
3,830	LF	PAINT PAVEMENT MARKING LINES (12")
10	LF	PAINT PAVEMENT MARKING LINES (24")
32	EA	PAINT PAVEMENT MARKING SYMBOL
1,888	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)
		(HIGHLY REFLECTIVE ELEMENTS)
5,872	LF	POLYUREA PAVEMENT MARKING LINES (6", *********)
1,324	LF	(HIGHLY REFLECTIVE ELEMENTS) POLYUREA PAVEMENT MARKING
+,324	LI.	LINES (12", *********)
1,432	LF	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING
3,230	LF	LINES (4") REMOVAL OF PAVEMENT MARKING
385	LF	LINES (6") REMOVAL OF PAVEMENT MARKING
3,150	LF	LINES (8") REMOVAL OF PAVEMENT MARKING
10	LF	LINES (12") REMOVAL OF PAVEMENT MARKING
5	EA	LINES (24") REMOVAL OF PAVEMENT MARKING
257	EA	SYMBOLS & CHARACTERS PERMANENT RAISED PAVEMENT
1,247	EA	MARKERS SNOWPLOWABLE PAVEMENT MARKERS
3	EA	7' U-CHANNEL POSTS
65	EA	FLEXIBLE DELINEATORS (CRYSTAL)
62	EA	FLEXIBLE DELINEATORS (YELLOW)
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
55	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
3	EA	OBJECT MARKERS (END OF ROAD)
1,452 2,245	LF LF	12" WATER LINE 16" WATER LINE
3,030	LB	DUCTILE IRON WATER PIPE
2	EA	FITTINGS 12" TAPPING VALVE
2	EA	16" TAPPING VALVE
2	EA	1" AIR RELEASE VALVE
1 8	EA EA	6" BLOW OFF
o 5	EA	RELOCATE WATER METER RELOCATE FIRE HYDRANT
222	LF	ABANDON 8" UTILITY PIPE
440	LF	ABANDON 12" UTILITY PIPE
355	LF EA	ABANDON 16" UTILITY PIPE REMOVE WATER METER
4	EA	REMOVE WATER METER REMOVE FIRE HYDRANT
2	EA	ABANDON UTILITY MANHOLE
1	EA	REMOVE UTILITY MANHOLE
210	LF	24" ENCASEMENT PIPE
305 2	LF EA	30" ENCASEMENT PIPE GENERIC UTILITY ITEM
2,500	LF	ABANDON SEWER CONNECTION TEMPORARY SILT FENCE
2,300	TON	STONE FOR EROSION CONTROL,
1,000	TON	CLASS A STONE FOR EROSION CONTROL,
1,885	TON	CLASS B SEDIMENT CONTROL STONE
+,885 302.5	ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING

65.5	TON	FERTILIZER FOR TEMPORARY SEED-
		ING
32,500	LF	TEMPORARY SLOPE DRAINS
14,000	LF	SAFETY FENCE
385,600	CY	SILTEXCAVATION
420,500	SY	MATTING FOR EROSION CONTROL
750	SY	COIR FIBER MAT
2,500	SY	PERMANENT SOIL REINFORCEMENT
		MAT
7,500	LF	1/4" HARDWARE CLOTH
230	LF	**" TEMPORARY PIPE
		(18")
200	LF	TEMPORARY PIPE FOR STREAM CROSSING
24	EA	SPECIAL STILLING BASINS
24 9,500	EA LF	COIR FIBER WATTLE
9,500 8,550	LF	POLYACRYLAMIDE (PAM)
33,500	LF	COIR FIBER BAFFLE
28	EA	**" SKIMMER
20		(1-1/2")
14	EA	**" SKIMMER
		(2")
10	EA	**" SKIMMER
		(2-1/2")
2	EA	**" SKIMMER (3")
1	EA	**" SKIMMER
1		(4")
250	ACR	SEEDING & MULCHING
250	ACR	MOWING
3,000	LB	SEED FOR REPAIR SEEDING
12.75	TON	FERTILIZER FOR REPAIR SEEDING
7,075	LB	SEED FOR SUPPLEMENTAL SEEDING
211.75	TON	FERTILIZER TOPDRESSING
547	LF	IMPERVIOUS DIKE
130	MHR	SPECIALIZED HAND MOWING
125	EA	RESPONSE FOR EROSION CONTROL
1,244	CY	CULVERT DIVERSION CHANNEL
10	ACR	REFORESTATION
10	EA	GENERIC EROSION CONTROL ITEM
1 700		CONCRETE WASHOUT STRUCTURE
1,700	LF	SIGNAL CABLE
12	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (12", 4
		SECTION)
300	LF	MESSENGER CABLE (1/4")
1,025	LF	MESSENGER CABLE (3/8")
9,500	LF	TRACER WIRE
1,700	LF	UNPAVED TRENCHING (*********)
0.100	1 F	(1,2")
9,100	LF	UNPAVED TRENCHING (*********) (2,2")
100	LF	(2,2) UNPAVED TRENCHING (*********)
100	L1.	(3,2")
300	LF	DIRECTIONAL DRILL (*********)
		(2,2")
400	LF	DIRECTIONAL DRILL (*********)
	-	(4,2")
2	EA	JUNCTION BOX (**************) (SPECIAL OVER-SIZED HEAVY
		(SPECIAL OVER-SIZED HEAVY DUTY)
25	EA	JUNCTION BOX (STANDARD SIZE)
22	EA	JUNCTION BOX (OVER-SIZED, HEA-
	-	VY DUTY)
2	EA	WOOD POLE
2	EA	GUY ASSEMBLY
2	EA	2" RISER WITH HEAT SHRINK
0.55		TUBING
860	LF	INDUCTIVE LOOP SAWCUT
3,350	LF	LEAD-IN CABLE (***********) (14-2)
9,900	LF	COMMUNICATIONS CABLE (**FIBER)
2,200	2.1	(72)
700	LF	DROP CABLE
3	EA	SPLICE ENCLOSURE
1	EA	MODIFY SPLICE ENCLOSURE
5	EA	INTERCONNECT CENTER
24	EA	DELINEATOR MARKER
2	EA	900MHZ RADIO
8	EA	METAL STRAIN SIGNAL POLE
10	EA	SOIL TEST
58	CY	DRILLED PIER FOUNDATION
8	EA	SIGN FOR SIGNALS
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CONTROLLER WITH CABINET (TYPE
9	EA	2070L, BASE MOUNTED) DETECTOR CARD (TYPE 2070L)
9	LA	DETECTOR CARD (TIPE 20/0L)

2	EA	CABINET BASE EXTENDER
16	EA	GENERIC SIGNAL ITEM
		5/8" X 10' GROUNDING ELECTRODE
2	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY
2	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
2	EA	GENERIC SIGNAL ITEM
2	E.A.	CENTRAL MEDIA CONVERTER
2	EA	GENERIC SIGNAL ITEM DIGITAL HARDWARE VIDEO DECODER
2	EA	GENERIC SIGNAL ITEM DMS
2	EA	GENERIC SIGNAL ITEM DMS ACCESS LADDER
2	EA	GENERIC SIGNAL ITEM
1	EA	DMS PEDESTAL STRUCTURE GENERIC SIGNAL ITEM
-		EQUIPMENT CABINET FOUNDATION
4	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT
4	EA	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH
1	EA	GENERIC SIGNAL ITEM FIBER-OPTIC SPLICE CABINET
2	EA	GENERIC SIGNAL ITEM FIELD EQUIPMENT CABINET
2	EA	GENERIC SIGNAL ITEM
2	LIT	METER BASE/DISCONNECT COMBINA- TION PANEL
2	EA	GENERIC SIGNAL ITEM
		WOOD PEDESTAL
Lump Sum	LS	GENERIC SIGNAL ITEM INTEGRATION AND CONFIGURATION
60	LF	GENERIC SIGNAL ITEM
		#4 SOLID BARE GROUNDING CON- DUCTOR
300	LF	GENERIC SIGNAL ITEM
		3-WIRE COPPER FEEDER COND- UCTORS
600	LF	GENERIC SIGNAL ITEM
		4-WIRE COPPER FEEDER COND- UCTORS
16	CY	GENERIC SIGNAL ITEM
		OVERHEAD DMS STRUCTURE FOOT- INGS
		****** BEGIN SCHEDULE AA ******
00.5	mo.)-	******* (2 ALTERNATES) ******
80,300	TON	AGGREGATE BASE COURSE
33,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
4,785	TON	ASPHALT BINDER FOR PLANT MIX
		*** OR ***
4,020	TON	AGGREGATE BASE COURSE

4,020	TON	AGGREGATE BASE COURSE
78,860	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C

6,790 TON ASPHALT BINDER FOR PLANT MIX

*** END SCHEDULE AA ***

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA *****
		(397+73.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ******
		(437+96.50 -L-)
974	TON	FOUNDATION CONDITIONING MATER-
		IAL, BOX CULVERT
1,609.4	CY	CLASS A CONCRETE (CULVERT)
130,376	LB	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
564	LF	3'-6" DIA DRILLED PIERS IN SOIL
270	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL
128	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER
4	EA	PDA TESTING
2	EA	SID INSPECTIONS

16 EA SPT TESTING

2	EA	CSL TESTING
59,989	SF	REINFORCED CONCRETE DECK SLAB
58,288	SF	GROOVING BRIDGE FLOORS
807.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION

		(21+27.27 -Y2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *******
		(29+24.97 -Y1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(473+70.00 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(473+70.00 -L- RT)
192,761	LB	REINFORCING STEEL (BRIDGE)
25,224	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
4,517.26	LF	54" PRESTRESSED CONCRETE GIR- DERS
2,180.17	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
84	EA	PILE DRIVING EQUIPMENT SETUP
		FOR *** STEEL PILES
		(12 X 53)
38	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES
		(14 X 73)
4,465	LF	HP12X53 STEEL PILES
830	LF	HP14X73 STEEL PILES
38	EA	STEEL PILE POINTS
423.76	LF	TWO BAR METAL RAIL
1,451.1	LF	CONCRETE BARRIER RAIL
439.13	LF	1'-**"X *****" CONCRETE PARA-
		PET
		(1'-2" X 3'-2 3/4")
1,489	SY	4" SLOPE PROTECTION
2,000	TON	RIP RAP CLASS II (2'-0" THICK)
2,220	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C204090 2018CPT.03.05.10711 DIV OFFICE CASTLE HAYNE

COUNTY :PENDER

MILLING, RESURFACING, AND SHOULDER CONST & RECONST.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : DEC 01 2018

1 SECTION OF US-17, 1 SECTION OF NC-50, 1 SECTION OF NC-210, AND 36 SECTIONS OFSECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
250	CY	BORROW EXCAVATION
85	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
1,210	TON	INCIDENTAL STONE BASE
0.06	SMI	SHOULDER CONSTRUCTION
3.34 132,569	SMI SY	SHOULDER RECONSTRUCTION MILLING ASPHALT PAVEMENT, ***"
152,507	51	DEPTH (1-1/2")
3,915	SY	INCIDENTAL MILLING
2,455	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
46	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
31,642	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
320	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
2,143	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
20	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,899	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
2,300 40	TON TON	ASPHALT BINDER FOR PLANT MIX GENERIC PAVING ITEM
40	1010	ASPHALT CONC SURFACE COURSE, TYPE S4.75A (LEVELING COURSE)
20	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT
1,630	TON	(FULL DEPTH) GENERIC PAVING ITEM
		PATCHING EXISTING PAVEMENT (MILL)
20 2	LF EA	2'-6" CONCRETE CURB & GUTTER GENERIC PAVING ITEM
2	EA	ADJUSTMENT OF MONUMENTS
2	EA	GENERIC PAVING ITEM REMOVE CONCRETE CURB RAMPS
21	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
3,984	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum 40	LS HR	TEMPORARY TRAFFIC CONTROL LAW ENFORCEMENT
116,326	LF	THERMOPLASTIC PAVEMENT MARKING
80,223	LF	LINES (4", 90 MILS) THERMOPLASTIC PAVEMENT MARKING
242	LF	LINES (4", 120 MILS) THERMOPLASTIC PAVEMENT MARKING
333	LF	LINES (8", 90 MILS) THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
819	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
101	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
422	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
53	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
448	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
183	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
36	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
488	EA	PERMANENT RAISED PAVEMENT MARKERS
508	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

334	LF	TEMPORARY SILT FENCE
		initiation of the official off

- 60 LF WATTLE
- 3.73 ACR SEEDING & MULCHING
- 4 EA RESPONSE FOR EROSION CONTROL
- 300 LF INDUCTIVE LOOP SAWCUT

LENGTH = 35.563 MI

LENGTH = 16.340 MI

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C203977 53022.3.1

DIV OFFICE WILSON

COUNTY : JOHNSTON

SIGNALS, PAVEMENT AND BRIDGE REHABILITATION.

DBE GOAL 6.0% COMPLETION DATE : JUL 01 2019

I-40 FROM SR-1010 (CLEVELAND ROAD) TO WEST OF SR-1211 (MORGAN ROAD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum Lump Sum	LS LS	CONSTRUCTION SURVEYING GRADING
	TON	STABILIZER AGGREGATE
2,600	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
1,450	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (3")
530	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
130	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
31 1,250	TON SY	ASPHALT BINDER FOR PLANT MIX ****** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (8")
823,400	LF	GENERIC PAVING ITEM JOINT CONSTRUCTION, REPAIR, & SEALING
525,000	SY	GENERIC PAVING ITEM DIAMOND GRINDING PCC PAVEMENT
630	SY	CONCRETE SHOULDERS ADJACENT TO ******" PAVEMENT (8")
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
24	SF	WORK ZONE SIGNS (STATIONARY)
669	SF	WORK ZONE SIGNS (PORTABLE)
24	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
16	EA	PORTABLE CHANGEABLE MESSAGE SIGN
300	EA	DRUMS
40	LF	BARRICADES (TYPE III)
2	EA	
21	EA	GENERIC TRAFFIC CONTROL ITEM SEQUENTIAL FLASHING WARNING LIGHTS
10	EA	GENERIC TRAFFIC CONTROL ITEM WORK ZONE DIGITAL SPEED LIMIT SIGNS
15	EA	GENERIC TRAFFIC CONTROL ITEM WORK ZONE PRESENCE LIGHTING
1,723	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
388	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
347,656	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
49,158	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
11,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
2,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
46	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2,700	EA LS	SNOWPLOWABLE PAVEMENT MARKERS PORTABLE LIGHTING
Lump Sum 5,000	LS	TEMPORARY SILT FENCE
4,000	LF	WATTLE
1	ACR	SEEDING & MULCHING
2	EA	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE
210	LF	SIGNAL CABLE
70	LF	UNPAVED TRENCHING (*********) (1, 2")
2 380	EA LF	JUNCTION BOX (STANDARD SIZE) INDUCTIVE LOOP SAWCUT

290	LF	(14-2)
1	EA	MODIFY RADIO INSTALLATION
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
6	EA	DETECTOR CARD (TYPE 2070L)
1	EA	CABINET BASE EXTENDER
		STRUCTURE ITEMS
100,040.5	SF	GROOVING BRIDGE FLOORS
Lump Sum	LS	POLLUTION CONTROL
10	SY	CLASS II, SURFACE PREPARATION
70	TON	RIP RAP, CLASS ** (II)
54.7	CF	SHOTCRETE REPAIRS
69.5	LF	EPOXY RESIN INJECTION
Lump Sum	LS	GENERIC STRUCTURE ITEM
		PAINTING CONTAINMENT FOR BRIDGE NO 486
Lump Sum	LS	GENERIC STRUCTURE ITEM
		PAINTING CONTAINMENT FOR BRIDGE NO 487
Lump Sum	LS	GENERIC STRUCTURE ITEM
		PAINTING CONTAINMENT FOR BRIDGE NO 488
Lump Sum	LS	GENERIC STRUCTURE ITEM
		PAINTING CONTAINMENT FOR
T	T.C	BRIDGE NO 489
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 486
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 487
Lump Sum	LS	GENERIC STRUCTURE ITEM
		PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 488
Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING EXISTING WEATHERING STEEL STRUCTURE FOR BRIDGE NO 489
109	LF	GENERIC STRUCTURE ITEM FOAM JOINT SEALS
2,127.5	LF	GENERIC STRUCTURE ITEM SILICON JOINT SEALANT
335.4	CY	GENERIC STRUCTURE ITEM PPC MATERIALS
5,979	SF	GENERIC STRUCTURE ITEM EPOXY COATING
37.9	SY	GENERIC STRUCTURE ITEM CONCRETE DECK REPAIR FOR PPC OVERLAY
12,070.5	SY	GENERIC STRUCTURE ITEM PLACING AND FINISHING PPC OVERLAY
12,067.5	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
12,067.5	SY	GENERIC STRUCTURE ITEM
		SHOTBLASTING BRIDGE DECK

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C204091 2018CPT.05.06.10921.1 DIV OFFICE DURHAM :WAKE

LENGTH = 23.070 MI

COUNTY

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 5.0% COMPLETION DATE : NOV 15 2018

1 SECTION OF NC-55 AND 11 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,878	CY	BORROW EXCAVATION
915	TON	GENERIC GRADING ITEM AGGREGATE SHOULDER BORROW
38.96	SMI	GENERIC GRADING ITEM SHOULDER GRADING
721	TON	INCIDENTAL STONE BASE
159,218	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH
7,959	SY	(1-1/2") MILLING ASPHALT PAVEMENT, ***" TO ******"
		(0" TO 1-1/2")
15,691	SY	INCIDENTAL MILLING
25,895	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10,089	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
2,148	TON	ASPHALT BINDER FOR PLANT MIX
785	TON	PATCHING EXISTING PAVEMENT
6	EA	ADJUSTMENT OF MANHOLES
16	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,501	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
225,326	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
240,653	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,389	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
289	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
2,063	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
1,561	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
34	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
344	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,684	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
114,285	LF	PAINT PAVEMENT MARKING LINES (4")
470	LF	PAINT PAVEMENT MARKING LINES (8")
1,336	LF	PAINT PAVEMENT MARKING LINES (12")
1,004	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
272	EA	PAINT PAVEMENT MARKING SYMBOL
1,684	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
728	EA	SNOWPLOWABLE PAVEMENT MARKERS
2,093	LF	TEMPORARY SILT FENCE
5,300	LF	WATTLE
20.92	ACR	SEEDING & MULCHING
6,264	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

CONTRACT ID : C204013 53088.3.1

DIV OFFICE FAYETTEVILLE

L171017 006

LENGTH = 1.487 MI

COUNTY :ROBESON

GRADING, DRAINAGE, PAVING AND STRUCTURE.

DBE GOAL 11.0% COMPLETION DATE : SEE SPECIAL PROVISIONS US-74 AT SR-2220 (BROADBRIDGE RD) AND US-74 AT SR-2225 (CREEK RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)
2	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
24,000	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB
		REGIONAL TIER, STATION ******
10,300	CY	(30+39.23 -Y-) UNDERCUT EXCAVATION
132,700	CY	BORROW EXCAVATION
4	EA	EMBANKMENT SETTLEMENT GAUGES
7,860	CY	DRAINAGE DITCH EXCAVATION
1,470	SY	REMOVAL OF EXISTING ASPHALT
4,300	SY	PAVEMENT BREAKING OF EXISTING ASPHALT
.,		PAVEMENT
10	HR	PROOF ROLLING
4,700	CY	SELECT GRANULAR MATERIAL, CLASS III
7,700	SY	GEOTEXTILE FOR SOIL STABILIZA-
		TION
380	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
1,200	SY	FOUNDATION CONDITIONING GEO-
-,		TEXTILE
1,647	LF	15" RC PIPE CULVERTS, CLASS
120	LF	III 18" RC PIPE CULVERTS, CLASS
		Ш
156	LF	24" RC PIPE CULVERTS, CLASS III
136	LF	30" RC PIPE CULVERTS, CLASS
		Ш
192	LF	36" RC PIPE CULVERTS, CLASS III
32	LF	42" RC PIPE CULVERTS, CLASS
102		
192	LF	48" RC PIPE CULVERTS, CLASS III
284	LF	30" RC PIPE CULVERTS, CLASS IV
456	LF	36" RC PIPE CULVERTS, CLASS IV
276	LF	42" RC PIPE CULVERTS, CLASS IV
176	LF	15" CS PIPE CULVERTS, 0.064" THICK
4	EA	**" CS PIPE ELBOWS, *****"
		THICK
210		(15", 0.064")
310	LF SY	PIPE REMOVAL 6" SLOPE PROTECTION
200 Lump Sum	LS	6 SLOPE PROTECTION FINE GRADING
400	CY	SHALLOW UNDERCUT
800	TON	CLASS IV SUBGRADE STABILIZA-
	more	TION
8,200 100	TON	AGGREGATE BASE COURSE
6,215	GAL	INCIDENTAL STONE BASE PRIME COAT
3,900	SY	INCIDENTAL MILLING
1,930	TON	ASPHALT CONC BASE COURSE, TYPE
1.000	TON	B25.0B
4,900	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
6,470	TON	ASPHALT CONC INTERMEDIATE
4 190	TON	COURSE, TYPE I19.0C
4,180	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
10,880	TON	ASPHALT CONC SURFACE COURSE,
1 505	TON	TYPE S9.5C
1,505 100	TON TON	ASPHALT BINDER FOR PLANT MIX ASPHALT PLANT MIX, PAVEMENT
100	1010	REPAIR
19,911	LF	MILLED RUMBLE STRIPS (ASPHALT
1,563	CY	CONCRETE) SUBDRAIN EXCAVATION
782	CY	SUBDRAIN EACAVATION SUBDRAIN FINE AGGREGATE

4,650	LF	6" PERFORATED SUBDRAIN PIPE
10	EA	SUBDRAIN PIPE OUTLET
60	LF	6" OUTLET PIPE
30.8	CY	ENDWALLS
5.4	CY	PIPE COLLARS
22	EA	MASONRY DRAINAGE STRUCTURES
0.8	LF	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.16
11	EA	FRAME WITH TWO GRATES, STD 840.22
6	EA	FRAME WITH TWO GRATES, STD 840.29
1 4	EA EA	FRAME WITH COVER, STD 840.54 CONCRETE TRANSITIONAL SECTION
250	L E	FOR DROP INLET
350	LF SY	SHOULDER BERM GUTTER 5" MONOLITHIC CONCRETE ISLANDS
1,040		(KEYED IN) PRECAST REINFORCED CONCRETE
77	LF	BARRIER, SINGLE FACED
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350
525 10	LF EA	STEEL BM GUARDRAIL ADDITIONAL GUARDRAIL POSTS
10	EA	GUARDRAIL ANCHOR UNITS, TYPE
1	LIT	CAT-1
5	EA	GUARDRAIL END UNITS, TYPE TL-3
8	EA	GUARDRAIL ANCHOR UNITS, TYPE
2,150	LF	B-77 REMOVE EXISTING GUARDRAIL
725	LF	REMOVE EXISTING GUIDERAIL
1,575	LF	DOUBLE FACED CABLE GUIDERAIL
6	EA	ADDITIONAL GUIDERAIL POSTS
6	EA	CABLE GUIDERAIL ANCHOR UNITS
11,450	LF	WOVEN WIRE FENCE, 47" FABRIC
730	EA	4" TIMBER FENCE POSTS, 7'-6"
165	EA	LONG 5" TIMBER FENCE POSTS, 8'-0"
500	LF	LONG ADDITIONAL BARBED WIRE
501	TON	RIP RAP, CLASS I
90	TON	RIP RAP, CLASS I RIP RAP, CLASS B
2,227	SY	GEOTEXTILE FOR DRAINAGE
4	CY	REINFORCED CONCRETE SIGN FOUN- DATIONS
1	CY	PLAIN CONCRETE SIGN FOUNDA- TIONS
1,871	LB	SUPPORTS, BREAKAWAY STEEL BEAM
1,621	LB	SUPPORTS, SIMPLE STEEL BEAM
1,850	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
6	EA	SUPPORTS, 2-LB STEEL U-CHANNEL
7	EA	SIGN ERECTION, TYPE D
53	EA	SIGN ERECTION, TYPE E
14	EA	SIGN ERECTION, TYPE F
6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
,	E 4	(B) SIGN ERECTION, MILEMARKERS
6 2	EA	
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
49	EA	(D) DISPOSAL OF SIGN SYSTEM, U-
		CHANNEL
2	EA	DISPOSAL OF SUPPORT, U-CHANNEL
866	SF	WORK ZONE SIGNS (STATIONARY)
244	SF	WORK ZONE SIGNS (PORTABLE)
241	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
4	EA	FLASHING ARROW BOARD
6	EA	PORTABLE CHANGEABLE MESSAGE
350	EA	SIGN DRUMS
240	LF	BARRICADES (TYPE III)

240 LF BARRICADES (TYPE III)

7,014	SF	GROOVING BRIDGE FLOORS
150.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *********
		(30+39.23 -Y-)
20,910	LB	REINFORCING STEEL (BRIDGE)
2,001	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
730.5	LF	54" PRESTRESSED CONCRETE GIR- DERS
34	EA	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)
1,870	LF	HP12X53 STEEL PILES
17	EA	PILE REDRIVES
368.48	LF	CONCRETE BARRIER RAIL
875	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS

7,301 SF REINFORCED CONCRETE DECK SLAB

2	EA	TMA
263	LF	PORTABLE CONCRETE BARRIER
15,391	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 90 MILS)
6,957	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (4", 120 MILS)
28,179	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (6", 90 MILS)
4,563	LF	THERMOPLASTIC PAVEMENT MARKING
1,000	21	LINES (6", 120 MILS)
685	LF	THERMOPLASTIC PAVEMENT MARKING
085	L1.	LINES (8", 90 MILS)
5 415	I E	
5,415	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
907	LE	THERMOPLASTIC PAVEMENT MARKING
897	LF	LINES (12", 120 MILS)
145	LE	
145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
52	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
776	EA	PERMANENT RAISED PAVEMENT
		MARKERS
1,865	LF	8" WATER LINE
2,250	LB	DUCTILE IRON WATER PIPE
		FITTINGS
2	EA	8" VALVE
7	EA	RECONNECT WATER METER
1	EA	FIRE HYDRANT
2,250	LF	ABANDON 8" UTILITY PIPE
1	EA	REMOVE FIRE HYDRANT
275	LF	TRENCHLESS INSTALLATION OF 10"
		IN SOIL
275	LF	TRENCHLESS INSTALLATION OF 10"
		NOT IN SOIL
21,175	LF	TEMPORARY SILT FENCE
420	TON	STONE FOR EROSION CONTROL,
		CLASS A
3,550	TON	STONE FOR EROSION CONTROL,
		CLASS B
1,960	TON	SEDIMENT CONTROL STONE
60	ACR	TEMPORARY MULCHING
2,900	LB	SEED FOR TEMPORARY SEEDING
	TON	
15.5	ION	FERTILIZER FOR TEMPORARY SEED-
		ING
1,785	LF	TEMPORARY SLOPE DRAINS
5,400	LF	SAFETY FENCE
9,110	CY	SILT EXCAVATION
32,200	SY	MATTING FOR EROSION CONTROL
100	SY	COIR FIBER MAT
60	SY	PERMANENT SOIL REINFORCEMENT
00		MAT
1,085	LF	1/4" HARDWARE CLOTH
1,005	SY	LOW PERMEABILITY GEOTEXTILE
11	EA	SPECIAL STILLING BASINS
7,120	LF	COIR FIBER WATTLE
590	LF	COIR FIBER WATTLE BARRIER
3,735	LB	POLYACRYLAMIDE (PAM)
2,740	LF	COIR FIBER BAFFLE
7	EA	**" SKIMMER
		(1-1/2")
1	EA	**" SKIMMER
		(2")
1	EA	**" SKIMMER
1		(2-1/2")
51	ACR	SEEDING & MULCHING
45	ACR	MOWING
600	LB	SEED FOR REPAIR SEEDING
2	TON	FERTILIZER FOR REPAIR SEEDING
1,200	LB	SEED FOR SUPPLEMENTAL SEEDING
35.5	TON	FERTILIZER TOPDRESSING
400	LF	IMPERVIOUS DIKE
35	MHR	SPECIALIZED HAND MOWING
55		
100	EA	RESPONSE FOR EROSION CONTROL

2 EA TEMPORARY CRASH CUSHIONS

2 EA TMA

 100
 EA
 RESPONSE FOR EROSION CONTROL

 8
 EA
 GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE

STRUCTURE ITEMS

1 EA PDA TESTING

LENGTH = 0.082 MI

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

DIV OFFICE ABERDEEN

COUNTY :MONTGOMERY, MOORE

CONTRACT ID : C203976

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

46077.3.1

MBE GOAL 1.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #53 OVER DROWNING CREEK ON NC-73.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL. STATION **********
		(14+87.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-
200	CV	BING
200 200	CY CY	UNDERCUT EXCAVATION SELECT GRANULAR MATERIAL
200	SY	GEOTEXTILE FOR SOIL STABILIZA-
200	51	TION
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEO- TEXTILE
48	LF	15" DRAINAGE PIPE
4	EA	**" DRAINAGE PIPE ELBOWS (15")
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
25	TON	ASPHALT BINDER FOR PLANT MIX
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
35	LF	SHOULDER BERM GUTTER
50	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL END UNITS, TYPE TL-3
4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
60	TON	RIP RAP, CLASS I
2	TON	RIP RAP, CLASS B
685	SY	GEOTEXTILE FOR DRAINAGE
96.6	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
181	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
6	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED)
		(E)
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
976	SF	WORK ZONE SIGNS (STATIONARY)
194	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	PORTABLE CHANGEABLE MESSAGE SIGN
15	EA	DRUMS
144	LF	BARRICADES (TYPE III)
435	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
870	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6	EA	PERMANENT RAISED PAVEMENT MARKERS
1,500	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
5	TON	STONE FOR EROSION CONTROL, CLASS B
105	TON	SEDIMENT CONTROL STONE
0.4	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
600 10	LF CY	SAFETY FENCE SILT EXCAVATION
10 1,000	SY	SILT EXCAVATION MATTING FOR EROSION CONTROL
250	SY	COIR FIBER MAT
250	LE	1/4" HADDWADE CLOTH

285 LF 1/4" HARDWARE CLOTH

15	SY	FLOATING TURBIDITY CURTAIN
2	EA	SPECIAL STILLING BASINS
0.4	ACR	SEEDING & MULCHING
0.2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
0.25	TON	FERTILIZER TOPDRESSING
25	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
15	EA	RESPONSE FOR EROSION CONTROL
2	EA	GENERIC EROSION CONTROL ITEM
		CONCRETE WASHOUT STRUCTURE
		STRUCTURE ITEMS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
		AT STATION *********

		AT STATION *********
		(14+87.00 -L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA-
		TION AT STATION *******
		(14+87.00 -L-)
4,765	SF	CONCRETE WEARING SURFACE
5,144	SF	GROOVING BRIDGE FLOORS
67.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(14+87.00 -L-)
10,458	LB	REINFORCING STEEL (BRIDGE)
14	EA	PILE DRIVING EQUIPMENT SETUP
		FOR *** STEEL PILES
		(HP 12 X 53)
8	EA	PILE DRIVING EQUIPMENT SETUP
		FOR *** GALVANIZED STEEL PILES
		(HP 14 X 73)
245	LF	HP12X53 STEEL PILES
240	LF	HP14X73 GALVANIZED STEEL PILES
290	LF	CONCRETE BARRIER RAIL
90	TON	RIP RAP, CLASS **
		(I)
180	TON	RIP RAP CLASS II (2'-0" THICK)
305	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,740	LF	3'-0" X 2'-9" PRESTRESSED CONC
		BOX BEAMS
Lump Sum	LS	GENERIC STRUCTURE ITEM

Lump Sum LS GENERIC STRUCTURE ITE ASBESTOS ASSESSMENT

Page: 11 of 11

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

CONTRACT ID : C204089 2018CPT.13.01.10111 **DIV OFFICE ASHEVILE**

L171017 008 **LENGTH = 105.890 MI**

:BUNCOMBE COUNTY

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 1.0% WBE 4.0% COMPLETION DATE : AUG 01 2019

1 SECT EACH OF US-19/23/74, US-25, US-70, US-70/74A, US-74A, NC-151, NC-191, NC-280, AND 109 SECT OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
50,000	LB	SEALING EXISTING PAVEMENT CRACKS
1.981	TON	INCIDENTAL STONE BASE
82.5	SMI	SHOULDER RECONSTRUCTION
1,171	SY	MILLING ASPHALT PAVEMENT, ***"
		DEPTH (1-1/2")
11,831	SY	MILLING ASPHALT PAVEMENT, ***" TO ******"
		(0" TO 1")
119,251	SY	MILLING ASPHALT PAVEMENT, ***"
26.002	SY	(0" TO 1-1/2")
26,992 35,057	TON	INCIDENTAL MILLING ASPHALT CONC SURFACE COURSE,
55,057	ION	TYPE S9.5B
47,128	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
5,263	TON	ASPHALT BINDER FOR PLANT MIX
9,625	TON	PATCHING EXISTING PAVEMENT
167,998	SY	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
156,804	SY	ASPHALT SURFACE TREATMENT, FOG SEAL
87,351	GAL	EMULSION FOR ASPHALT SURFACE TREATMENT
8	WK	VACUUM TRUCK
138,700	SY	GENERIC PAVING ITEM
		LATEX MODIFIED MICROSURFACING, TYPE III
111	EA	CONCRETE CURB RAMP
1	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
114	EA	ADJUSTMENT OF MANHOLES
98	EA	ADJUSTMENT OF METER BOXES OR
10.055		VALVE BOXES
12,855	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
733	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
342	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
3,728	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
56	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
471	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (II)
2,554,036	LF	PAINT PAVEMENT MARKING LINES (4")
183,281	LF	POLYUREA PAVEMENT MARKING LINES (4", *********)
884	LF	(HIGHLY REFLECTIVE ELEMENTS) REMOVAL OF PAVEMENT MARKING LINES (4")
2	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
4,078	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
25,500	LF	INDUCTIVE LOOP SAWCUT