



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

May 12, 2021

**Addendum No. 1**

RE: Contract # C204631

WBS # 44634.3.1

STATE FUNDED

**Henderson County (U-5887)**

SR-1783 FROM NC-225 TO WEST OF US-176

**May 18, 2021 Letting**

To Whom It May Concern:

Reference is made to the proposal form furnished to you on this project.

The following revisions have been made to the proposal:

<b>Page No.</b>	<b>Revisions</b>
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 05-12-2021"
Table of Contents	Under <b><u>PROJECT SPECIAL PROVISIONS</u></b> added NO ADDITIONAL TIME OR COMPENSATION
G-1	The project special provisions entitled <b>CONTRACT TIME AND LIQUIDATED DAMAGES</b> and <b>INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES</b> were revised
G-3	The project special provision entitled <b>NO ADDITIONAL TIME OR COMPENSATION</b> was added
G-5	The project special provision entitled <b>SCHEDULE OF ESTIMATED COMPLETION PROGRESS</b> was revised
UbO-1 and UbO-2	Unit Project Special Provision entitled <b>UTILITIES BY OTHERS</b> was revised

Please void the above listed Pages in your proposal and staple the revised Pages thereto.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

*Telephone:* (919) 707-6900  
*Fax:* (919) 250-4127  
*Customer Service:* 1-877-368-4968

*Location:*  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

*Website:* www.ncdot.gov

On the item sheets the following pay item revisions have been made:

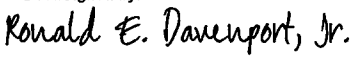
<u>Item</u>	<u>Old Description</u>	<u>New Description</u>
0184-7980000000-N- SP	PROTECTIVE COATING FOR SINGLE MAST ARM POLE (HUNTER GREEN)	PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BROWN)
0185-7980000000-N- SP	PROTECTIVE COATING FOR SINGLE PEDESTAL (HUNTER GREEN)	PROTECTIVE COATING FOR SINGLE PEDESTAL (BROWN)

The Contractor's bid must include these pay item revisions.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:  
  
 F81B6038A47A442...

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

RED/jjr  
 Attachments

cc: Mr. Lamar Sylvester, PE  
 Ms. Wanda Austin, PE  
 Mr. Boyd Tharrington, PE  
 Mr. Jon Weathersbee, PE  
 Mr. Ken Kennedy, PE  
 Project File (2)

Mr. Ray Arnold, PE  
 Ms. Jaci Kincaid  
 Ms. Lori Strickland  
 Mr. Mike Gwyn  
 Ms. Penny Higgins  
 Mr. Kyle Kempf

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.

PROPOSAL

**INCLUDES ADDENDUM No.1 DATED 05-12-2021**

DATE AND TIME OF BID OPENING: **MAY 18, 2021 AT 2:00 PM**

CONTRACT ID C204631  
WBS 44634.3.1

FEDERAL-AID NO. STATE FUNDED  
COUNTY HENDERSON  
T.I.P. NO. U-5887  
MILES 1.064  
ROUTE NO. SR 1783  
LOCATION SR-1783 FROM NC-225 TO WEST OF US-176.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, CULVERT, & RETAIN WALLS.  
NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

**BIDS WILL BE RECEIVED AS SHOWN BELOW:**

**THIS IS A ROADWAY & CULVERT PROPOSAL**

**5% BID BOND OR BID DEPOSIT REQUIRED**

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**PROJECT SPECIAL PROVISIONS****GENERAL****CONTRACT TIME AND LIQUIDATED DAMAGES:**

(8-15-00) (Rev. 12-18-07)

108

SP1 G07 A

The date of availability for this contract is **October 1, 2021, except from -L- Sta. 20+00 +/- to -L- Sta. 48+00 +/- is March 1, 2022, except from -L- Sta. 48+00 +/- to the end of the project is June 1, 2022**, except that work in jurisdictional waters and wetlands shall not begin until a meeting between the DOT, Regulatory Agencies, and the Contractor is held as stipulated in the permits contained elsewhere in this proposal. This delay in availability has been considered in determining the contract time for this project.

The completion date for this contract is **March 13, 2024**.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **Two Hundred Dollars (\$ 200.00)** per calendar day. These liquidated damages will not be cumulative with any liquidated damages which may become chargeable under Intermediate Contract Time Number 1.

**INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:**

(7-1-95) (Rev. 2-21-12)

108

SP1 G13 A

Except for that work required under the Project Special Provisions entitled *Planting, Reforestation* and/or *Permanent Vegetation Establishment*, included elsewhere in this proposal, the Contractor will be required to complete all work included in this contract and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **October 1, 2021, except from -L- Sta. 20+00 +/- to -L- Sta. 48+00 +/- is March 1, 2022, except from -L- Sta. 48+00 +/- to the end of the project is June 1, 2022**.

The completion date for this intermediate contract time is **September 15, 2023**.

The liquidated damages for this intermediate contract time are **One Thousand Five Hundred Dollars (\$ 1,500.00)** per calendar day.

Upon apparent completion of all the work required to be completed by this intermediate date, a final inspection will be held in accordance with Article 105-17 and upon acceptance, the Department will assume responsibility for the maintenance of all work except *Planting, Reforestation* and/or *Permanent Vegetation Establishment*. The Contractor will be responsible for and shall make corrections of all damages to the completed roadway caused by his planting operations, whether occurring prior to or after placing traffic through the project.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Five Hundred Dollars (\$ 500.00)** per hour.

**INTERMEDIATE CONTRACT TIME NUMBER 3 AND LIQUIDATED DAMAGES:**

(2-20-07) (Rev. 6-18-13)

108

SP1 G14 H

The Contractor shall complete the work required of **Phase II, Steps #1 thru #6** as shown on Sheet **TMP-2** and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is the date the Contractor elects to begin the work.

The completion date for this intermediate contract time is the date which is **one hundred fifty (150)** consecutive calendar days after and including the date the Contractor begins this work.

The liquidated damages are **One Thousand Two Hundred Fifty Dollars (\$ 1,250.00)** per calendar day.

**NO ADDITIONAL TIME OR COMPENSATION:**

(5-12-2021)

The Department has calculated the contract time for this project based upon the Contractor beginning work on or after an **October 1, 2021** date of availability, which includes consideration for delayed availabilities from **-L- Sta. 20+00 +/- to the end of the project, as well as the Utility by Others Special Provision (dated April 29, 2021)** provided elsewhere in this contract.

No claims for additional time or compensation will be allowed for any reason and/or delay related to utility conflicts that occurs before or on **June 1, 2022**.

After **June 1, 2022**, delay claims will be considered in accordance with the Specifications.

**PERMANENT VEGETATION ESTABLISHMENT:**

(2-16-12) (Rev. 10-15-13)

104

SP1 G16

Establish a permanent stand of the vegetation mixture shown in the contract. During the period between initial vegetation planting and final project acceptance, perform all work necessary to establish permanent vegetation on all erodible areas within the project limits, as well as, in borrow and waste pits. This work shall include erosion control device maintenance and installation, repair seeding and mulching, supplemental seeding and mulching, mowing, and fertilizer topdressing, as directed. All work shall be performed in accordance with the applicable section of the *2018 Standard Specifications*. All work required for initial vegetation planting shall be performed as a part of the work necessary for the completion and acceptance of the Intermediate Contract Time (ICT). Between the time of ICT and Final Project acceptance, or otherwise referred to as the vegetation establishment period, the Department will be responsible for preparing the required National Pollutant Discharge Elimination System (NPDES) inspection records.

Once the Engineer has determined that the permanent vegetation establishment requirement has been achieved at an 80% vegetation density (the amount of established vegetation per given area to stabilize the soil) and no erodible areas exist within the project limits, the Contractor will be

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type _____	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Permeable Asphalt Drainage Course, Type _____	Gal/Ton	2.90
Sand Asphalt Surface Course, Type _____	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
_____ " Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to _____ " Pavement	Gal/SY	0.245

**SCHEDULE OF ESTIMATED COMPLETION PROGRESS:**

(7-15-08) (Rev. 5-13-19)

108-2

SP1 G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability of Funds Termination of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

<u>Fiscal Year</u>		<u>Progress (% of Dollar Value)</u>
2022	(7/01/21 - 6/30/22)	47% of Total Amount Bid
2023	(7/01/22 - 6/30/23)	48% of Total Amount Bid
2024	(7/01/23 - 6/30/24)	5% of Total Amount Bid

The Contractor shall also furnish his own progress schedule in accordance with Article 108-2 of the *2018 Standard Specifications*. Any acceleration of the progress as shown by the Contractor's progress schedule over the progress as shown above shall be subject to the approval of the Engineer.

**MINORITY BUSINESS ENTERPRISE AND WOMEN BUSINESS ENTERPRISE:**

(10-16-07)(Rev. 12-17-19)

102-15(J)

SP1 G66

**Description**

The purpose of this Special Provision is to carry out the North Carolina Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts financed in whole or in part with State funds.

PROJECT SPECIAL PROVISIONS  
Utilities by Others



**General:**

The following utility companies have facilities that will be in conflict with the construction of this project:

- A. Duke Energy (Power)
- B. Dominion Energy (Gas)
- C. AT&T (Telephone)
- D. Morris Broadband (CATV)

The conflicting facilities will be adjusted as noted below and are listed in these special provisions for the benefit of the Contractor. All utility work listed herein will be done by the utility owner. All utilities are shown on the plans from the best available information.

The Contractor's attention is directed to Article 105.8 of the Standard Specifications.

Utilities Requiring Adjustment:

- A. Duke Energy – Power
  - (a) Duke Energy owns and maintains overhead and underground power within the proposed project limits. Duke Energy will remove and install these facilities, in three phases, as shown on UO-4 through UO-8. The anticipated completion date is January 1, 2022.
  - (b) Contact person for Duke Energy is Mr. Bob Mabry, (828) 698-2055.
  
- B. Dominion Energy – Gas
  - (a) Dominion Energy will install new gas main within the project limits as shown on UO-4 through UO-8, with an anticipated completion date of February 1, 2022.
  - (b) Contact person for Dominion Energy is Ms. Samantha Ward, (704) 810-3216.



PROJECT SPECIAL PROVISIONS  
Utilities by Others

C. AT&T – Telephone

- (a) AT&T will relocate their facilities within the project limits as shown on UO-4 through UO-8, with an anticipated completion date of June 1, 2022.
- (b) Contact person for AT&T is Mr. Scott Addington (828) 258-7138.

D. Morris Broadband - CATV

- (a) Morris Broadband will relocate all underground and aerial cable lines within the project limits as shown on UO-4 through UO-8, with an anticipated completion date of February 1, 2022.
- (b) Contact person for Morris Broadband is Mr. Jasper Duncan, (828) 697-3600.

County : Henderson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB-BING	1 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	50 CY		
0006	0134000000-E	240	DRAINAGE DITCH EXCAVATION	210 CY		
0007	0194000000-E	265	SELECT GRANULAR MATERIAL, CLASS III	50 CY		
0008	0195000000-E	265	SELECT GRANULAR MATERIAL	50 CY		
0009	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	1,490 SY		
0010	0199000000-E	SP	TEMPORARY SHORING	494 SF		
0011	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	440 TON		
0012	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	1,380 SY		
0013	0343000000-E	310	15" SIDE DRAIN PIPE	52 LF		
0014	0344000000-E	310	18" SIDE DRAIN PIPE	24 LF		
0015	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	1,036 LF		
0016	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	1,168 LF		
0017	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	1,340 LF		
0018	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	356 LF		

County : Henderson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	116 LF		
0020	0588000000-E	310	18" CS PIPE CULVERTS, 0.064" THICK	16 LF		
0021	0654000000-E	310	**** X **** CS PIPE ARCH CULVERTS, ***** THICK (95" X 67", 0.109")	84 LF		
0022	0995000000-E	340	PIPE REMOVAL	717 LF		
0023	1121000000-E	520	AGGREGATE BASE COURSE	827 TON		
0024	1220000000-E	545	INCIDENTAL STONE BASE	475 TON		
0025	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2")	6,400 SY		
0026	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")	6,240 SY		
0027	1330000000-E	607	INCIDENTAL MILLING	600 SY		
0028	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	3,470 TON		
0029	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4,400 TON		
0030	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4,910 TON		
0031	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	665 TON		
0032	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	25 TON		
0033	2022000000-E	815	SUBDRAIN EXCAVATION	44.8 CY		
0034	2033000000-E	815	SUBDRAIN FINE AGGREGATE	33.6 CY		
0035	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	200 LF		
0036	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		

County : Henderson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0037	2077000000-E	815	6" OUTLET PIPE	6 LF		
0038	2190000000-N	828	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	3 EA		
0039	2220000000-E	838	REINFORCED ENDWALLS	12.4 CY		
0040	2253000000-E	840	PIPE COLLARS	0.45 CY		
0041	2264000000-E	840	PIPE PLUGS	0.13 CY		
0042	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	51 EA		
0043	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	15.7 LF		
0044	2354200000-N	840	FRAME WITH GRATE, STD 840.24	1 EA		
0045	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	14 EA		
0046	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	5 EA		
0047	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	16 EA		
0048	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	14 EA		
0049	2396000000-N	840	FRAME WITH COVER, STD 840.54	1 EA		
0050	2535000000-E	846	***X *** CONCRETE CURB (8" X 12")	50 LF		
0051	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	7,080 LF		
0052	2591000000-E	848	4" CONCRETE SIDEWALK	2,760 SY		
0053	2605000000-N	848	CONCRETE CURB RAMPS	20 EA		
0054	2612000000-E	848	6" CONCRETE DRIVEWAY	60 SY		

County : Henderson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0055	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	20 SY		
0056	2752000000-E	SP	GENERIC PAVING ITEM 2'-6" CONCRETE CURB & GUTTER (TINTED CONCRETE)	170 LF		
0057	2830000000-N	858	ADJUSTMENT OF MANHOLES	1 EA		
0058	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	19 EA		
0059	3360000000-E	863	REMOVE EXISTING GUARDRAIL	2,447 LF		
0060	3420000000-E	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED STEEL BEAM GUARDRAIL	1,925 LF		
0061	3420000000-E	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED STEEL BEAM GUARDRAIL, SHOP CURVED	162.5 LF		
0062	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED 25' CLEAR SPAN GUARDRAIL SECTIONS	1 EA		
0063	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED ADDITIONAL GUARDRAIL POSTS	10 EA		
0064	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL ANCHOR UNITS, TYPE III	1 EA		
0065	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL END UNITS, TYPE AT-1	3 EA		
0066	3435000000-N	SP	GENERIC GUARDRAIL ITEM POWDER COATED GALVANIZED GUARDRAIL END UNITS, TYPE TL-2	4 EA		
0067	3572000000-E	867	CHAIN LINK FENCE RESET	680 LF		
0068	3628000000-E	876	RIP RAP, CLASS I	14 TON		
0069	3649000000-E	876	RIP RAP, CLASS B	45 TON		

County : Henderson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0070	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	250	SY	
0071	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	360	LF	
0072	4102000000-N	904	SIGN ERECTION, TYPE E	28	EA	
0073	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	20	EA	
0074	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (F)	7	EA	
0075	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	2	EA	
0076	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	632	SF	
0077	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	192	SF	
0078	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	138	SF	
0079	4415000000-N	1115	FLASHING ARROW BOARD	2	EA	
0080	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	60	DAY	
0081	4430000000-N	1130	DRUMS	200	EA	
0082	4435000000-N	1135	CONES	20	EA	
0083	4445000000-E	1145	BARRICADES (TYPE III)	140	LF	
0084	4455000000-N	1150	FLAGGER	30	DAY	
0085	4480000000-N	1165	TMA	1	EA	
0086	4507000000-E	1170	WATER FILLED BARRIER	410	LF	
0087	4510000000-N	1190	LAW ENFORCEMENT	40	HR	
0088	4516000000-N	1180	SKINNY DRUM	60	EA	

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0089	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	16,467 LF		
0090	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	875 LF		
0091	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	12 EA		
0092	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	38 EA		
0093	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	16,475 LF		
0094	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	120 LF		
0095	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	170 LF		
0096	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	64 LF		
0097	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	825 LF		
0098	5319000000-E	1505	CLASS B CONCRETE FOR ENCASING UTILITY LINES	6 CY		
0099	5325600000-E	1510	6" WATER LINE	491 LF		
0100	5325800000-E	1510	8" WATER LINE	4,014 LF		
0101	5326200000-E	1510	12" WATER LINE	1,441 LF		
0102	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	8,980 LB		
0103	5540000000-E	1515	6" VALVE	13 EA		
0104	5546000000-E	1515	8" VALVE	1 EA		
0105	5558000000-E	1515	12" VALVE	1 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0106	5572600000-E	1515	16" TAPPING SLEEVE & VALVE	1		EA
0107	5589100000-E	1515	1" AIR RELEASE VALVE	13		EA
0108	5648000000-N	1515	RELOCATE WATER METER	3		EA
0109	5649000000-N	1515	RECONNECT WATER METER	7		EA
0110	5666000000-N	1515	FIRE HYDRANT	10		EA
0111	5672000000-N	1515	RELOCATE FIRE HYDRANT	1		EA
0112	5673000000-E	1515	FIRE HYDRANT LEG	63		LF
0113	5686500000-E	1515	WATER SERVICE LINE	471		LF
0114	5709300000-E	1520	6" FORCE MAIN SEWER	745		LF
0115	5768500000-E	1520	SEWER SERVICE LINE	6		LF
0116	5769000000-E	1520	DUCTILE IRON SEWER PIPE FITTINGS	1,550		LB
0117	5800000000-E	1530	ABANDON 6" UTILITY PIPE	6,121		LF
0118	5815500000-N	1530	REMOVE FIRE HYDRANT	4		EA
0119	5835700000-E	1540	16" ENCASEMENT PIPE	124		LF
0120	5872500000-E	1550	BORE AND JACK OF *** (16")	71		LF
0121	6000000000-E	1605	TEMPORARY SILT FENCE	10,585		LF
0122	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	930		TON
0123	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	165		TON
0124	6012000000-E	1610	SEDIMENT CONTROL STONE	1,075		TON
0125	6015000000-E	1615	TEMPORARY MULCHING	12		ACR



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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0126	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	700 LB		
0127	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	4.5 TON		
0128	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0129	6029000000-E	SP	SAFETY FENCE	350 LF		
0130	6030000000-E	1630	SILT EXCAVATION	1,910 CY		
0131	6036000000-E	1631	MATTING FOR EROSION CONTROL	30,000 SY		
0132	6037000000-E	SP	COIR FIBER MAT	373 SY		
0133	6042000000-E	1632	1/4" HARDWARE CLOTH	1,735 LF		
0134	6045000000-E	SP	***" TEMPORARY PIPE (36")	125 LF		
0135	6070000000-N	1639	SPECIAL STILLING BASINS	4 EA		
0136	6071010000-E	SP	WATTLE	410 LF		
0137	6071012000-E	SP	COIR FIBER WATTLE	200 LF		
0138	6071020000-E	SP	POLYACRYLAMIDE (PAM)	50 LB		
0139	6071030000-E	1640	COIR FIBER BAFFLE	35 LF		
0140	6071050000-E	SP	***" SKIMMER (1-1/2")	2 EA		
0141	6084000000-E	1660	SEEDING & MULCHING	12 ACR		
0142	6087000000-E	1660	MOWING	9 ACR		
0143	6090000000-E	1661	SEED FOR REPAIR SEEDING	150 LB		
0144	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0145	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	225 LB		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0146	6108000000-E	1665	FERTILIZER TOPDRESSING	6.75 TON		
0147	6111000000-E	SP	IMPERVIOUS DIKE	197 LF		
0148	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0149	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	75 EA		
0150	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	2 EA		
0151	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	47 EA		
0152	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	188 EA		
0153	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	2 EA		
0154	7060000000-E	1705	SIGNAL CABLE	1,600 LF		
0155	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	9 EA		
0156	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	2 EA		
0157	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	1 EA		
0158	7252000000-E	1710	MESSENGER CABLE (1/4")	80 LF		
0159	7264000000-E	1710	MESSENGER CABLE (3/8")	160 LF		
0160	7288000000-E	1715	PAVED TRENCHING (***** (1, 2")	300 LF		
0161	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 1")	20 LF		
0162	7301000000-E	1715	DIRECTIONAL DRILL (***** (3, 2")	160 LF		
0163	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	6 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0164	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	1 EA		
0165	7360000000-N	1720	WOOD POLE	2 EA		
0166	7372000000-N	1721	GUY ASSEMBLY	4 EA		
0167	7408000000-E	1722	1" RISER WITH WEATHERHEAD	1 EA		
0168	7420000000-E	1722	2" RISER WITH WEATHERHEAD	2 EA		
0169	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	510 LF		
0170	7456000000-E	1726	LEAD-IN CABLE (*****) (14-2)	590 LF		
0171	7481000000-N	SP	SITE SURVEY	1 EA		
0172	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	3 EA		
0173	7481260000-N	SP	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT	1 EA		
0174	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	2 EA		
0175	7613000000-N	SP	SOIL TEST	2 EA		
0176	7614100000-E	SP	DRILLED PIER FOUNDATION	12 CY		
0177	7631000000-N	SP	MAST ARM WITH METAL POLE DE- SIGN	2 EA		
0178	7636000000-N	1745	SIGN FOR SIGNALS	2 EA		
0179	7642200000-N	1743	TYPE II PEDESTAL WITH FOUND- ATION	4 EA		
0180	7684000000-N	1750	SIGNAL CABINET FOUNDATION	1 EA		
0181	7744000000-N	1751	DETECTOR CARD (TYPE 170)	5 EA		
0182	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	1 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0183	7901000000-N	1753	CABINET BASE EXTENDER	1		
					EA	
0184	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BROWN)	2		
					EA	
0185	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE PEDESTAL (BROWN)	2		
					EA	

**CULVERT ITEMS**

0186	8056000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+44.41 -L-)	Lump Sum	L.S.	
0187	8070000000-E	410	FOUNDATION EXCAVATION (BRIDGE)	629		
					CY	
0188	8096000000-E	450	PILE EXCAVATION IN SOIL	64		
					LF	
0189	8097000000-E	450	PILE EXCAVATION NOT IN SOIL	80		
					LF	
0190	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (22+44.41 -L-)	Lump Sum	L.S.	
0191	8196000000-E	420	CLASS A CONCRETE (CULVERT)	175.4		
					CY	
0192	8245000000-E	425	REINFORCING STEEL (CULVERT)	16,844		
					LB	
0193	8248000000-E	425	EPOXY COATED REINFORCING STEEL (CULVERT)	396		
					LB	
0194	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12 X 53)	8		
					EA	
0195	8364000000-E	450	HP12X53 STEEL PILES	152		
					LF	
0196	8517000000-E	460	1'-**"X *****" CONCRETE PARA- PET (1'-3" X 2'-6")	36		
					LF	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0197	8804000000-N	SP	GENERIC CULVERT ITEM PRECAST REINFORCED CONCRETE THREE SIDED CULVERT @ STA 22+44.41 L	Lump Sum	L.S.	
0198	8811000000-E	SP	GENERIC CULVERT ITEM ANODIZED TWO BAR METAL RAIL	28.5 LF		
0199	8821000000-E	SP	GENERIC CULVERT ITEM 18" STEEL SHEET PILES	440 SF		
0200	8821000000-E	SP	GENERIC CULVERT ITEM ARCHITECTURAL SURFACE TREAT- MENT	1,274 SF		

**WALL ITEMS**

0201	8839000000-E	SP	GENERIC RETAINING WALL ITEM ANODIZED TWO BAR METAL RAIL	188 LF		
0202	8847000000-E	SP	GENERIC RETAINING WALL ITEM ARCHITECTURAL SURFACE TREAT- MENT	1,990 SF		
0203	8847000000-E	SP	GENERIC RETAINING WALL ITEM CIP CANTILEVER RETAINING WALLS	978 SF		

0800/May10/Q191319.98/D967313822000/E203

Total Amount Of Bid For Entire Project :