



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

December 7, 2017

Addendum No. 1

RE: Contract # C203994

WBS # 44378.3.1

STATE FUNDED

Cabarrus County (U-5806)

Intersection of SR-2894 (Concord Mills Boulevard) And Entrance #1

Kings Grant Pavilion

December 19, 2017 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:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 12-07-2017".
G-3	Revised the project special provision entitled "Intermediate Contract Time Number 3 and Liquidated Damages" to require a specific date for the availability and completion
R-31	Revised to remove the project special provision entitle "#57 Stone"

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

On the item sheets the following pay item has been deleted:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
014-1077000000-E- SP	#57 Stone	17,200 TON	DELETED

Mailing Address:
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CONTRACT STANDARDS AND DEVELOPMENT
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 1 DATED 12-07-2017

DATE AND TIME OF BID OPENING: **DECEMBER 19, 2017 AT 2:00 PM**

CONTRACT ID C203994
WBS 44378.3.1

FEDERAL-AID NO. STATE FUNDED

COUNTY CABARRUS

T.I.P. NO. U-5806

MILES 0.434

ROUTE NO. SR 2894

LOCATION INTERSECTION OF SR-2894 (CONCORD MILLS BOULEVARD) AND
ENTRANCE #1 KINGS GRANT PAVILION.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNAL, AND STRUCTURE.

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 & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

10. For the **Charlotte Auto Fair**, between the hours of **6:00 AM** the **Wednesday** of the week of the **Fair** until **6:00 AM** the following **Monday** after the **Fair**.
11. For the **Coca-Cola 600 race event**, the Contractor shall suspend all work operations by **12:00 AM** the **Saturday** two weeks before the day of the event and resume work operations at **6:00 AM** the following **Tuesday** after the event.
12. For the **Bank of America 500 race event**, the Contractor shall suspend all work operations by **12:00 AM** the **Saturday** one week before the day of the event and resume work operations at **6:00 AM** the following **Monday** after the event

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 **Two Thousand Five Hundred Dollars (\$2,500.00)** per fifteen (15) minute time period.

INTERMEDIATE CONTRACT TIME NUMBER 3 AND LIQUIDATED DAMAGES:

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

108

SP1 G14 F

The Contractor shall complete the work required of **Phase III Step #1 thru Phase III Step #8** as shown on Sheet(s) **TMP-9 thru TMP-11** and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **January 2, 2019**.

The completion date for this intermediate contract time is **October 31, 2019**.

The liquidated damages are **Ten Thousand Dollars (\$10,000.00)** per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES:

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

108

SP1 G14 H

The Contractor shall complete the work required of **Phase III Step #4** as shown on Sheet **TMP-10** 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 **Thirty (30)** consecutive calendar days after and including the date the Contractor begins this work.

SELECT MATERIAL, CLASS III, TYPE 3:

(1-17-12)

1016, 1044

SP10 R05

Revise the *2012 Standard Specifications* as follows:

Page 10-39, Article 1016-3, CLASS III, add the following after line 14:

Type 3 Select Material

Type 3 select material is a natural or manufactured fine aggregate material meeting the following gradation requirements and as described in Sections 1005 and 1006:

Percentage of Total by Weight Passing							
3/8"	#4	#8	#16	#30	#50	#100	#200
100	95-100	65-100	35-95	15-75	5-35	0-25	0-8

Page 10-39, Article 1016-3, CLASS III, line 15, replace "either type" with "Type 1, Type 2 or Type 3".

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0043000000-N	226	GRADING	Lump Sum	L.S.	
0003	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB-BING	1 ACR		
0004	0057000000-E	226	UNDERCUT EXCAVATION	200 CY		
0005	0195000000-E	265	SELECT GRANULAR MATERIAL	200 CY		
0006	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	1,700 SY		
0007	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	380 TON		
0008	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	1,200 SY		
0009	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	1,348 LF		
0010	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	1,052 LF		
0011	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	468 LF		
0012	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	140 LF		
0013	0995000000-E	340	PIPE REMOVAL	799 LF		
0015	1099500000-E	505	SHALLOW UNDERCUT	500 CY		
0016	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	1,000 TON		
0017	1110000000-E	510	STABILIZER AGGREGATE	250 TON		
0018	1220000000-E	545	INCIDENTAL STONE BASE	100 TON		
0019	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	29,950 SY		
0020	1330000000-E	607	INCIDENTAL MILLING	300 SY		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0021	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	1,100 TON		
0022	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,870 TON		
0023	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	620 TON		
0024	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1,670 TON		
0025	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,560 TON		
0026	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	5,120 TON		
0027	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	640 TON		
0028	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,854 TON		
0029	2022000000-E	815	SUBDRAIN EXCAVATION	45 CY		
0030	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	200 SY		
0031	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	34 CY		
0032	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	200 LF		
0033	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0034	2077000000-E	815	6" OUTLET PIPE	6 LF		
0035	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	44 EA		
0036	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	23.8 LF		
0037	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	2 EA		
0038	2364200000-N	840	FRAME WITH TWO GRATES, STD 840.20	19 EA		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0039	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	5 EA		
0040	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	1 EA		
0041	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	5 EA		
0042	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	6 EA		
0043	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	5 EA		
0044	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	1 EA		
0045	2396000000-N	840	FRAME WITH COVER, STD 840.54	1 EA		
0046	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	13 EA		
0047	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	2,560 LF		
0048	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	2,620 LF		
0049	2556000000-E	846	SHOULDER BERM GUTTER	90 LF		
0050	2591000000-E	848	4" CONCRETE SIDEWALK	460 SY		
0051	2600000000-N	SP	RETROFIT EXISTING CURB RAMP	3 EA		
0052	2605000000-N	848	CONCRETE CURB RAMP	8 EA		
0053	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	1,800 SY		
0054	2724000000-E	857	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	1,250 LF		
0055	2800000000-N	858	ADJUSTMENT OF CATCH BASINS	3 EA		
0056	2815000000-N	858	ADJUSTMENT OF DROP INLETS	3 EA		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0057	2830000000-N	858	ADJUSTMENT OF MANHOLES	2 EA		
0058	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	20 EA		
0059	2995000000-N	SP	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX WITH MANHOLE	1 EA		
0060	3000000000-N	SP	IMPACT ATTENUATOR UNIT, TYPE 350	2 EA		
0061	3030000000-E	862	STEEL BM GUARDRAIL	225 LF		
0062	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0063	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	2 EA		
0064	3287000000-N	SP	GUARDRAIL END UNITS, TYPE TL-3	3 EA		
0065	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	1 EA		
0066	3345000000-E	864	REMOVE & RESET EXISTING GUARD- RAIL	87.5 LF		
0067	3360000000-E	863	REMOVE EXISTING GUARDRAIL	298 LF		
0068	3575000000-E	SP	GENERIC FENCING ITEM TEMPORARY 48" CHAIN LINK FENCE WITH POSTS	330 LF		
0069	3649000000-E	876	RIP RAP, CLASS B	1 TON		
0070	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	575 SY		
0071	4054000000-E	902	PLAIN CONCRETE SIGN FOUNDA- TIONS	1 CY		
0072	4057000000-E	SP	OVERHEAD FOOTING	71 CY		
0073	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	216 LB		
0074	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	300 LF		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0075	4082100000-N	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (34+94 -L-)	Lump Sum	L.S.	
0076	4102000000-N	904	SIGN ERECTION, TYPE E	24 EA		
0077	4109000000-N	904	SIGN ERECTION, TYPE *** (OVERHEAD) (A)	11 EA		
0078	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	1 EA		
0079	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	3 EA		
0080	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	23 EA		
0081	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	3 EA		
0082	4370000000-N	SP	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT I-85 SB EXIT RAMP	Lump Sum	L.S.	
0083	4370000000-N	SP	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT WB BRUTON SMITH E OF I-85 NB RAMP	Lump Sum	L.S.	
0084	4370000000-N	SP	GENERIC SIGNING ITEM SUPPORTS, OVERHEAD SIGN STR AT WB CONCORD MILLS AT I-85 SB LOOP	Lump Sum	L.S.	
0085	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	451 SF		
0086	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	372 SF		
0087	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	107 SF		
0088	4415000000-N	1115	FLASHING ARROW BOARD	3 EA		
0089	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2 EA		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0090	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	30 DAY		
0091	4430000000-N	1130	DRUMS	180 EA		
0092	4435000000-N	1135	CONES	50 EA		
0093	4445000000-E	1145	BARRICADES (TYPE III)	200 LF		
0094	4450000000-N	1150	FLAGGER	192 HR		
0095	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	3 EA		
0096	4480000000-N	1165	TMA	3 EA		
0097	4485000000-E	1170	PORTABLE CONCRETE BARRIER	1,255 LF		
0098	4510000000-N	SP	LAW ENFORCEMENT	296 HR		
0099	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	205 EA		
0100	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	10,008 LF		
0101	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	4,915 LF		
0102	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,922 LF		
0103	4697000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	806 LF		
0104	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	324 LF		
0105	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	436 LF		
0106	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	74 EA		
0107	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	75 EA		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0108	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)	603 LF		
0109	4770000000-E	1205	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	473 LF		
0110	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	21,900 LF		
0111	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	810 LF		
0112	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	142 LF		
0113	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	244 LF		
0114	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	24 EA		
0115	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	68 EA		
0116	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	4,069 LF		
0117	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	36 LF		
0118	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	48 LF		
0119	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	27 EA		
0120	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	24 EA		
0121	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	199 EA		
0122	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0123	5326200000-E	1510	12" WATER LINE	107 LF		
0124	5326600000-E	1510	16" WATER LINE	424 LF		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0125	5329000000-E	SP	DUCTILE IRON WATER PIPE FITTINGS	1,185 LB		
0126	5572200000-E	1515	12" TAPPING VALVE	1 EA		
0127	5643200000-E	1515	2" WATER METER	1 EA		
0128	5656200000-E	1515	2" RPZ BACKFLOW PREVENTION ASSEMBLY	1 EA		
0129	5691000000-E	1520	*** SANITARY GRAVITY SEWER (15")	40 LF		
0130	5776000000-E	1525	5' DIA UTILITY MANHOLE	1 EA		
0131	5782000000-E	1525	UTILITY MANHOLE WALL, 5' DIA	8 LF		
0132	5798000000-E	1530	ABANDON *** UTILITY PIPE (15")	40 LF		
0133	5804000000-E	1530	ABANDON 12" UTILITY PIPE	610 LF		
0134	5828000000-N	1530	REMOVE UTILITY MANHOLE	1 EA		
0135	5871900000-E	1550	TRENCHLESS INSTALLATION OF 16" IN SOIL	212 LF		
0136	5871910000-E	1550	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL	212 LF		
0137	6000000000-E	1605	TEMPORARY SILT FENCE	1,600 LF		
0138	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	310 TON		
0139	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	135 TON		
0140	6012000000-E	1610	SEDIMENT CONTROL STONE	490 TON		
0141	6015000000-E	1615	TEMPORARY MULCHING	4 ACR		
0142	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	300 LB		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0143	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	1.5 TON		
0144	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0145	6029000000-E	SP	SAFETY FENCE	200 LF		
0146	6030000000-E	1630	SILT EXCAVATION	280 CY		
0147	6036000000-E	1631	MATTING FOR EROSION CONTROL	3,000 SY		
0148	6037000000-E	SP	COIR FIBER MAT	100 SY		
0149	6042000000-E	1632	1/4" HARDWARE CLOTH	1,600 LF		
0150	6071012000-E	SP	COIR FIBER WATTLE	170 LF		
0151	6071020000-E	SP	POLYACRYLAMIDE (PAM)	50 LB		
0152	6084000000-E	1660	SEEDING & MULCHING	3 ACR		
0153	6087000000-E	1660	MOWING	1.5 ACR		
0154	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0155	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0156	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	100 LB		
0157	6108000000-E	1665	FERTILIZER TOPDRESSING	3 TON		
0158	6114500000-N	1667	SPECIALIZED HAND MOWING	15 MHR		
0159	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	15 EA		
0160	6132000000-N	SP	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE	3 EA		
0161	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	6 EA		
0162	7060000000-E	1705	SIGNAL CABLE	7,950 LF		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0163	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	40 EA		
0164	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	3 EA		
0165	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	3 EA		
0166	7264000000-E	1710	MESSENGER CABLE (3/8")	1,030 LF		
0167	7279000000-E	1715	TRACER WIRE	2,600 LF		
0168	7300000000-E	1715	UNPAVED TRENCHING (*****) (1, 2")	1,275 LF		
0169	7300000000-E	1715	UNPAVED TRENCHING (*****) (2, 2")	105 LF		
0170	7300000000-E	1715	UNPAVED TRENCHING (*****) (3, 2")	50 LF		
0171	7300000000-E	1715	UNPAVED TRENCHING (*****) (4, 2")	125 LF		
0172	7301000000-E	1715	DIRECTIONAL DRILL (*****) (1, 2")	2,600 LF		
0173	7301000000-E	1715	DIRECTIONAL DRILL (*****) (2, 2")	160 LF		
0174	7301000000-E	1715	DIRECTIONAL DRILL (*****) (3, 2")	150 LF		
0175	7301000000-E	1715	DIRECTIONAL DRILL (*****) (4, 2")	150 LF		
0176	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	13 EA		
0177	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	15 EA		
0178	7360000000-N	1720	WOOD POLE	3 EA		
0179	7372000000-N	1721	GUY ASSEMBLY	12 EA		
0180	7420000000-E	1722	2" RISER WITH WEATHERHEAD	5 EA		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0181	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	8,550 LF		
0182	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	15,000 LF		
0183	7481000000-N	SP	SITE SURVEY	2 EA		
0184	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	5 EA		
0185	7481260000-N	SP	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT	2 EA		
0186	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (12)	400 LF		
0187	7516000000-E	1730	COMMUNICATIONS CABLE (**FIBER) (24)	3,100 LF		
0188	7540000000-N	1731	SPLICE ENCLOSURE	3 EA		
0189	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	2 EA		
0190	7552000000-N	1731	INTERCONNECT CENTER	1 EA		
0191	7566000000-N	1733	DELINEATOR MARKER	11 EA		
0192	7575160000-E	1734	REMOVE EXISTING COMMUNICATIONS CABLE	300 LF		
0193	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	1 EA		
0194	7613000000-N	SP	SOIL TEST	1 EA		
0195	7614100000-E	SP	DRILLED PIER FOUNDATION	10 CY		
0196	7631000000-N	SP	MAST ARM WITH METAL POLE DE- SIGN	1 EA		
0197	7636000000-N	1745	SIGN FOR SIGNALS	8 EA		
0198	7642200000-N	1743	TYPE II PEDESTAL WITH FOUND- ATION	10 EA		

County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0199	7684000000-N	1750	SIGNAL CABINET FOUNDATION	1 EA		
0200	7686000000-N	1752	CONDUIT ENTRANCE INTO EXISTING FOUNDATION	3 EA		
0201	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	1 EA		
0202	7780000000-N	1751	DETECTOR CARD (TYPE 2070L)	11 EA		
0203	7901000000-N	1753	CABINET BASE EXTENDER	1 EA		
0204	7980000000-N	SP	GENERIC SIGNAL ITEM FURNISH & INSTALL NEW 2070E CONTROLLER IN EXISTING CABINET	2 EA		
0205	7990000000-E	SP	GENERIC SIGNAL ITEM BACK PULL FIBER OPTIC CABLE	325 LF		

WALL ITEMS

0206	8801000000-E	SP	MSE RETAINING WALL NO **** (1)	4,055 SF		
0207	8801000000-E	SP	MSE RETAINING WALL NO **** (2)	5,195 SF		
0208	8801000000-E	SP	MSE RETAINING WALL NO **** (3)	8,220 SF		
0209	8801000000-E	SP	MSE RETAINING WALL NO **** (4)	4,425 SF		

STRUCTURE ITEMS

0210	8084000000-N	410	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (1, 15+75.56 -Y1-)	Lump Sum	L.S.	
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County: Cabarrus

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0211	8084000000-N	410	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 15+75.56 -Y1-)	Lump Sum	L.S.	
0212	8154000000-E	420	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)	11,151 SF		
0213	8161000000-E	420	GROOVING BRIDGE FLOORS	12,228 SF		
0214	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	1,083.8 CY		
0215	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (15+75.56 -Y1-)	Lump Sum	L.S.	
0216	8217000000-E	425	REINFORCING STEEL (BRIDGE)	144,474 LB		
0217	8280000000-E	440	APPROX LBS STRUCTURAL STEEL	1,073,598 LS		
0218	8503000000-E	460	CONCRETE BARRIER RAIL	405 LF		
0219	8654000000-N	SP	DISC BEARINGS	Lump Sum	L.S.	
0220	8706000000-N	SP	EXPANSION JOINT SEALS	Lump Sum	L.S.	
0221	8727000000-N	SP	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS AT STA ***** (15+75.56 -Y1-)	Lump Sum	L.S.	
0222	8867000000-E	SP	GENERIC STRUCTURE ITEM CONCRETE BARRIER RAIL WITH MOMENT SLAB	1,588.2 LF		
1550/Dec06/Q1438168.55/D1076033302000/E221			Total Amount Of Bid For Entire Project :			