



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

September 06, 2023

Addendum No. 1

RE: Contract # C204785

WBS # 46377.3.1

STATE FUNDED

Harnett County (R-5705A)

NC-55 FROM SOUTH OF SR-1532 (OAK GROVE CHURCH RD) TO NC-210

September 19, 2023 Letting

To Whom It May Concern:

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

The following revisions have been made to the Utility Construction Plans.

Sheet No.	Revision
UC-3	PROJECT SPECIFIC NOTES have been revised

Please void the above listed Sheet in your Plans and staple the revised Sheet thereto.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 09-06-2023".

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

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

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0139-5326000000-E 1510	10" WATER LINE	986 LF	DELETED
0161-5872600000-E 1550	DIRECTIONAL DRILLING OF 10"	986 LF	DELETED

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

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. Boyd Tharrington, PE
Mr. H. L. "Drew" Cox, PE
Mr. Ken Kennedy, PE
Mr. Mike Gwyn
Project File (2)

Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Mr. Jon Weathersbee, PE

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

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 09-06-2023

DATE AND TIME OF BID OPENING: **Sep 19, 2023 AT 02:00 PM**

CONTRACT ID C204785
WBS 46377.3.1

FEDERAL-AID NO. STATE FUNDED
COUNTY HARNETT
T.I.P NO. R-5705A
MILES 4.364
ROUTE NO. NC-55
LOCATION NC-55 FROM SOUTH OF SR-1532 (OAK GROVE CHURCH RD) TO NC-210.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND CULVERTS.

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

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0004	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0005	0022000000-E	225	UNCLASSIFIED EXCAVATION	118,000 CY		
0006	0036000000-E	225	UNDERCUT EXCAVATION	37,500 CY		
0007	0106000000-E	230	BORROW EXCAVATION	286,500 CY		
0008	0134000000-E	240	DRAINAGE DITCH EXCAVATION	3,390 CY		
0009	0141000000-E	240	BERM DITCH CONSTRUCTION	1,110 LF		
0010	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	15,600 SY		
0011	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	3,300 SY		
0012	0192000000-N	260	PROOF ROLLING	32 HR		
0013	0194000000-E	265	SELECT GRANULAR MATERIAL, CLASS III	47,000 CY		
0014	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	57,500 SY		
0015	0199000000-E	SP	TEMPORARY SHORING	4,300 SF		
0016	0255000000-E	SP	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	100 TON		
0017	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	3,150 TON		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	15,316 SY		
0019	0335200000-E	305	15" DRAINAGE PIPE	2,132 LF		
0020	0335300000-E	305	18" DRAINAGE PIPE	1,540 LF		
0021	0335400000-E	305	24" DRAINAGE PIPE	1,068 LF		
0022	0335500000-E	305	30" DRAINAGE PIPE	468 LF		
0023	0335600000-E	305	36" DRAINAGE PIPE	132 LF		
0024	0335800000-E	305	48" DRAINAGE PIPE	148 LF		
0025	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (48")	428 LF		
0026	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (54")	348 LF		
0027	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (66")	168 LF		
0028	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	7,976 LF		
0029	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	1,312 LF		
0030	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	1,356 LF		
0031	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	1,368 LF		
0032	0448600000-E	310	36" RC PIPE CULVERTS, CLASS IV	604 LF		
0033	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	156 LF		
0034	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	64 LF		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	0588000000-E	310	18" CS PIPE CULVERTS, 0.064" THICK	16 LF		
0036	0594000000-E	310	24" CS PIPE CULVERTS, 0.064" THICK	32 LF		
0037	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	4 EA		
0038	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	2 EA		
0039	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	2 EA		
0040	0995000000-E	340	PIPE REMOVAL	2,127 LF		
0041	0996000000-N	350	PIPE CLEAN OUT	1 EA		
0042	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0043	1099500000-E	505	SHALLOW UNDERCUT	1,120 CY		
0044	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	3,800 TON		
0045	1111000000-E	SP	CLASS IV AGGREGATE STABILIZATION	250 TON		
0046	1121000000-E	520	AGGREGATE BASE COURSE	86,200 TON		
0047	1220000000-E	545	INCIDENTAL STONE BASE	510 TON		
0048	1275000000-E	600	PRIME COAT	478 GAL		
0049	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	22,100 SY		
0050	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	1,900 SY		
0051	1330000000-E	607	INCIDENTAL MILLING	2,890 SY		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	9,340 TON		
0053	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	48,420 TON		
0054	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	3,130 TON		
0055	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	35,630 TON		
0056	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	5,055 TON		
0057	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,120 TON		
0058	2000000000-N	806	RIGHT-OF-WAY MARKERS	298 EA		
0059	2020000000-N	806	CONTROL-OF-ACCESS MARKERS	64 EA		
0060	2022000000-E	815	SUBDRAIN EXCAVATION	448 CY		
0061	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	2,000 SY		
0062	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	336 CY		
0063	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	2,000 LF		
0064	2070000000-N	815	SUBDRAIN PIPE OUTLET	4 EA		
0065	2077000000-E	815	6" OUTLET PIPE	24 LF		
0066	2209000000-E	838	ENDWALLS	33 CY		
0067	2220000000-E	838	REINFORCED ENDWALLS	16.3 CY		
0068	2275000000-E	SP	FLOWABLE FILL	2.2 CY		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0069	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	129 EA		
0070	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	25.2 CY		
0071	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	80 LF		
0072	2354200000-N	840	FRAME WITH GRATE, STD 840.24	2 EA		
0073	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	23 EA		
0074	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	28 EA		
0075	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	57 EA		
0076	2396000000-N	840	FRAME WITH COVER, STD 840.54	3 EA		
0077	2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	22 EA		
0078	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	102 EA		
0079	2538000000-E	846	***_*** CONCRETE CURB & GUTTER (2'-9")	11,230 LF		
0080	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	18,960 LF		
0081	2612000000-E	848	6" CONCRETE DRIVEWAY	1,380 SY		
0082	2619000000-E	850	4" CONCRETE PAVED DITCH	70 SY		
0083	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	9,010 SY		
0084	3030000000-E	862	STEEL BEAM GUARDRAIL	1,200 LF		
0085	3105000000-N	862	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	14 EA		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0086	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	10 EA		
0087	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	4 EA		
0088	3287000000-N	SP	GUARDRAIL END UNITS, TYPE TL-3	4 EA		
0089	3360000000-E	863	REMOVE EXISTING GUARDRAIL	860 LF		
0090	3503000000-E	866	WOVEN WIRE FENCE, 47" FABRIC	24,410 LF		
0091	3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	1,529 EA		
0092	3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	397 EA		
0093	3564000000-E	866	SINGLE GATES, *** HIGH, *** WIDE, *** OPENING (47", 12', 12')	1 EA		
0094	3628000000-E	876	RIP RAP, CLASS I	2,350 TON		
0095	3635000000-E	876	RIP RAP, CLASS II	260 TON		
0096	3649000000-E	876	RIP RAP, CLASS B	1,210 TON		
0097	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	8,270 SY		
0098	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	486 SF		
0099	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	840 SF		
0100	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (F)	11,915 SF		
0101	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	2,924 LF		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0102	4096000000-N	904	SIGN ERECTION, TYPE D	2 EA		
0103	4102000000-N	904	SIGN ERECTION, TYPE E	103 EA		
0104	4108000000-N	904	SIGN ERECTION, TYPE F	43 EA		
0105	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	40 EA		
0106	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,830 SF		
0107	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	1,100 SF		
0108	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	2,780 SF		
0109	4415000000-N	1115	FLASHING ARROW BOARD	2 EA		
0110	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	4 EA		
0111	4430000000-N	1130	DRUMS	2,820 EA		
0112	4445000000-E	1145	BARRICADES (TYPE III)	1,616 LF		
0113	4455000000-N	1150	FLAGGER	1,620 DAY		
0114	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	4 EA		
0115	4470000000-N	1160	REMOVE & RESET TEMPORARY CRASH CUSHION	4 EA		
0116	4480000000-N	1165	TMA	2 EA		
0117	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	1,827 LF		
0118	4505000000-E	1170	REMOVE & RESET PORTABLE CONCRETE BARRIER (ANCHORED)	1,596 LF		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0119	4510000000-N	1190	LAW ENFORCEMENT	240 HR		
0120	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	3,200 EA		
0121	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	110,473 LF		
0122	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	14,830 LF		
0123	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	1,089 LF		
0124	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	470 LF		
0125	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	170 EA		
0126	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	386,140 LF		
0127	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	19,310 LF		
0128	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	610 LF		
0129	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	1,110 LF		
0130	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	140 EA		
0131	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	5,000 LF		
0132	4865000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (12")	500 LF		
0133	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	500 LF		
0134	4905100000-N	SP	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	1,562 EA		
0135	4955000000-N	1264	OBJECT MARKERS (END OF ROAD)	18 EA		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0136	5325400000-E	1510	4" WATER LINE	834 LF		
0137	5325600000-E	1510	6" WATER LINE	6,400 LF		
0138	5325800000-E	1510	8" WATER LINE	6,475 LF		
0140	5326600000-E	1510	16" WATER LINE	7,247 LF		
0141	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	42,250 LB		
0142	5540000000-E	1515	6" VALVE	7 EA		
0143	5546000000-E	1515	8" VALVE	7 EA		
0144	5558600000-E	1515	16" VALVE	1 EA		
0145	5589200000-E	1515	2" AIR RELEASE VALVE	3 EA		
0146	5648000000-N	1515	RELOCATE WATER METER	40 EA		
0147	5649000000-N	1515	RECONNECT WATER METER	2 EA		
0148	5672000000-N	1515	RELOCATE FIRE HYDRANT	12 EA		
0149	5673000000-E	1515	FIRE HYDRANT LEG	125 LF		
0150	5686500000-E	1515	WATER SERVICE LINE	2,434 LF		
0151	5798000000-E	1530	ABANDON **** UTILITY PIPE (4")	540 LF		
0152	5800000000-E	1530	ABANDON 6" UTILITY PIPE	6,043 LF		
0153	5801000000-E	1530	ABANDON 8" UTILITY PIPE	6,659 LF		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0154	5810000000-E	1530	ABANDON 16" UTILITY PIPE	7,036 LF		
0155	5835600000-E	1540	12" ENCASEMENT PIPE	849 LF		
0156	5835700000-E	1540	16" ENCASEMENT PIPE	808 LF		
0157	5836200000-E	1540	30" ENCASEMENT PIPE	494 LF		
0158	5872500000-E	1550	BORE AND JACK OF *** (12")	448 LF		
0159	5872500000-E	1550	BORE AND JACK OF *** (16")	472 LF		
0160	5872500000-E	1550	BORE AND JACK OF *** (30")	161 LF		
0162	6000000000-E	1605	TEMPORARY SILT FENCE	106,450 LF		
0163	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	1,460 TON		
0164	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	5,505 TON		
0165	6012000000-E	1610	SEDIMENT CONTROL STONE	4,095 TON		
0166	6015000000-E	1615	TEMPORARY MULCHING	296.5 ACR		
0167	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	14,200 LB		
0168	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	71.5 TON		
0169	6024000000-E	1622	TEMPORARY SLOPE DRAINS	3,565 LF		
0170	6029000000-E	SP	SAFETY FENCE	6,280 LF		
0171	6030000000-E	1630	SILT EXCAVATION	12,110 CY		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0172	6036000000-E	1631	MATTING FOR EROSION CONTROL	132,000 SY		
0173	6037000000-E	SP	COIR FIBER MAT	100 SY		
0174	6042000000-E	1632	1/4" HARDWARE CLOTH	4,400 LF		
0175	6043000000-E	SP	LOW PERMEABILITY GEOTEXTILE	210 SY		
0176	6045000000-E	SP	*** TEMPORARY PIPE (18")	40 LF		
0177	6045000000-E	SP	*** TEMPORARY PIPE (48")	220 LF		
0178	6046000000-E	1636	TEMPORARY PIPE FOR STREAM CROSSING	125 LF		
0179	6070000000-N	1639	SPECIAL STILLING BASINS	22 EA		
0180	6071012000-E	SP	COIR FIBER WATTLE	12,100 LF		
0181	6071020000-E	SP	POLYACRYLAMIDE (PAM)	4,330 LB		
0182	6071030000-E	1640	COIR FIBER BAFFLE	2,500 LF		
0183	6071050000-E	SP	*** SKIMMER (1-1/2")	7 EA		
0184	6071050000-E	SP	*** SKIMMER (2")	3 EA		
0185	6084000000-E	1660	SEEDING & MULCHING	250 ACR		
0186	6087000000-E	1660	MOWING	192 ACR		
0187	6090000000-E	1661	SEED FOR REPAIR SEEDING	3,000 LB		
0188	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	8.25 TON		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0189	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	5,075 LB		
0190	6108000000-E	1665	FERTILIZER TOPDRESSING	152 TON		
0191	6111000000-E	SP	IMPERVIOUS DIKE	185 LF		
0192	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0193	6114800000-N	SP	MANUAL LITTER REMOVAL	107 MHR		
0194	6114900000-E	SP	LITTER DISPOSAL	7 TON		
0195	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	100 EA		
0196	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	8 EA		
0197	6120000000-E	SP	CULVERT DIVERSION CHANNEL	730 CY		
0198	7060000000-E	1705	SIGNAL CABLE	1,925 LF		
0199	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	17 EA		
0200	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	4 EA		
0201	7279000000-E	1715	TRACER WIRE	1,425 LF		
0202	7300000000-E	1715	UNPAVED TRENCHING (*****) (2, 2")	2,800 LF		
0203	7301000000-E	1715	DIRECTIONAL DRILL (*****) (2, 2")	800 LF		
0204	7312000000-N	1716	JUNCTION BOX (*****) (SPECIAL OVERSIZED, HEAVY DUTY)	2 EA		
0205	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	16 EA		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0206	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	6 EA		
0207	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	1,600 LF		
0208	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	4,325 LF		
0209	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (12)	575 LF		
0210	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (24)	1,275 LF		
0211	7540000000-N	1731	SPLICE ENCLOSURE	2 EA		
0212	7552000000-N	1731	INTERCONNECT CENTER	3 EA		
0213	7566000000-N	1733	DELINEATOR MARKER	5 EA		
0214	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	3 EA		
0215	7613000000-N	SP	SOIL TEST	3 EA		
0216	7614100000-E	SP	DRILLED PIER FOUNDATION	16.5 CY		
0217	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	3 EA		
0218	7636000000-N	1745	SIGN FOR SIGNALS	5 EA		
0219	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	7 EA		
0220	7684000000-N	1750	SIGNAL CABINET FOUNDATION	3 EA		
0221	7696000000-N	1751	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, BASE MOUNTED)	3 EA		
0222	7744000000-N	1751	DETECTOR CARD (TYPE 170)	10 EA		

County: HARNETT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0223	7901000000-N	1753	CABINET BASE EXTENDER	3 EA		
0224	7980000000-N	SP	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY	1 EA		
0225	7980000000-N	SP	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	3 EA		
CULVERT ITEMS						
0226	8126000000-N	414	CULVERT EXCAVATION, STA ***** (181+58.77 -L-)	Lump Sum	L.S.	
0227	8126000000-N	414	CULVERT EXCAVATION, STA ***** (198+61.03 -L-)	Lump Sum	L.S.	
0228	8126000000-N	414	CULVERT EXCAVATION, STA ***** (24+46.00 -L-)	Lump Sum	L.S.	
0229	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	339 TON		
0230	8140000000-E	416	CHANNEL EXCAVATION	1,065 CY		
0231	8196000000-E	420	CLASS A CONCRETE (CULVERT)	484.6 CY		
0232	8245000000-E	425	REINFORCING STEEL (CULVERT)	56,826 LB		

2052/Sep05/Q1982812.05/D935692362000/E230

Total Amount Of Bid For Entire Project :

8/17/99
PG. AUG-2002, 09:20
R:\2010\051005\31AM R-5705 AB&C\R-5705A\Water Wastewater\R-5705B_ut_notes_UC03.psh.dgn
\$\$\$\$\$ USER NAME \$\$\$\$\$

UTILITY CONSTRUCTION

GENERAL NOTES:

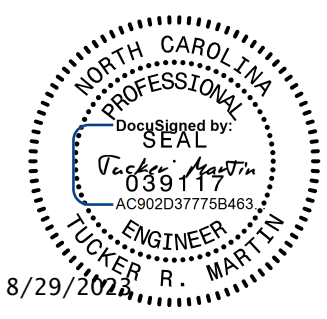

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2018.
2. THE EXISTING WATER AND SEWER UTILITIES BELONG TO HARNETT REGIONAL WATER.
3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT QUALITY, DIVISION OF WATER RESOURCES, WATER QUALITY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.
4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, " SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

PROJECT SPECIFIC NOTES:

1. CONTRACTOR SHALL HAVE A PRECONSTRUCTION MEETING WITH HARNETT REGIONAL WATER. TO PLAN AND COORDINATE ANY WATER SHUTDOWNS NECESSARY FOR CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER SERVICE DURING CONSTRUCTION UNLESS APPROVED BY THE UTILITY OWNERS.
3. ALL PROPOSED 16-INCH WATER MAINS SHALL BE DUCTILE IRON PC 250 WITH RESTRAINED JOINTS.
4. ALL PROPOSED 12-INCH AND SMALLER WATER MAINS SHALL BE DR 18 C900 PVC UNLESS OTHERWISE NOTED IN THE PLANS AND DETAILS.
5. ALL WATER LINE PIPE JOINTS AT FITTINGS AND VALVES SHALL BE RESTRAINED WITH RESTRAINED JOINTS AND THRUST BLOCKING AS SHOWN IN THE STANDARD DETAILS.
6. ALL JOINTS ASSOCIATED WITH PROPOSED DUCTILE IRON PIPE FOR WATER LINE SHALL BE RESTRAINED JOINTS.
7. CONTRACTOR SHALL SUBMIT FIELD REPORTS TO HARNETT REGIONAL WATER AFTER EACH INSPECTION IS MADE.
8. FIELD CHANGE ORDERS DURING CONSTRUCTION SHALL BE PROPERLY DOCUMENTED IN AS-BUILT DRAWINGS. AS-BUILT DRAWINGS SHALL INCLUDE ALL LOT NUMBERS, WATER VALVES, VALVE MARKERS, WATER METER SETTERS, AND FIRE HYDRANTS AS INSTALLED BY THE CONTRACTOR.
9. FIRE HYDRANTS ARE INSTALLED AT CERTAIN ELEVATIONS. ANY GRADE CHANGE IN THE VICINITY OF ANY FIRE HYDRANT WHICH IMPEDES ITS OPERATION SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
10. ALL METERS SHALL BE INSTALLED INSIDE RIGHT-OF-WAY OR IN A PUBLIC UTILITY EASEMENT. CONTRACTOR TO COORDINATE INDIVIDUAL WATER SERVICE RELOCATIONS WITH HARNETT REGIONAL WATER TO ENSURE ALL CURRENT HARNETT REGIONAL WATER CUSTOMERS HAVE BEEN ACCOUNTED FOR.

11. WHERE CONNECTING TO EXISTING PIPELINES, CONTRACTOR SHALL REMOVE EXISTING PIPELINE AS NECESSARY TO CONNECT THE PROPOSED PIPELINE. TIE IN PIPING SHALL BE PRESSURE TESTED AND DISINFECTED BEFORE BEING PUT INTO SERVICE. INDIVIDUAL TIE IN PLANS AND PROCEDURES SHALL BE FIELD APPROVED BY HARNETT REGIONAL WATER.
12. PROPOSED WATER LINE SHALL MAINTAIN A 7 LF SEPARATION FROM PROPOSED AND EXISTING POWER POLES UNLESS OTHERWISE NOTED.
13. CONTRACTOR'S ATTENTION IS DIRECTED TO SECTIONS 102, 107, AND 1550 OF THE STANDARD SPECIFICATIONS CONCERNING TRENCHLESS INSTALLATION. IT IS CONTRACTOR'S RESPONSIBILITY TO HAVE ALL TRENCHLESS CROSSINGS DESIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. NO DAMAGE IS ALLOWED TO RIVERS, WETLANDS, OR BUFFER ZONES.
14. IF HDPE PIPE IS INSTALLED BY DIRECTIONAL DRILL. IT SHALL BE FILLED WITH WATER AND NOT BE CONNECTED TO ANY OTHER PIPE OR FITTINGS FOR SEVEN DAYS FROM THE TIME OF INSTALLATION.

PROJECT REFERENCE NO. R-5705A	SHEET NO. UC-3
DESIGNED BY: AP	
DRAWN BY: AP	
CHECKED BY: MM	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	
 <small>Engineers • Planners • Scientists • Construction Managers 4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 • Fax (919) 783-9266 License No. C-764</small>	

UTILITY CONSTRUCTION
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