



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

April 9, 2024

ADDENDUM #2

MEMO TO: Plan Holders

FROM: Jennifer A. Sour
Division Proposal Engineer

DocuSigned by:
Jennifer A. Sour
B213233052CA46B...

CONTRACT ID: DG00613
WBS ELEMENT NO.: 47162.3.1
TIP NO.: U-6017
COUNTY: ALAMANCE
LOCATION: INTERSECTION IMPROVEMENTS (ROUNDAABOUT) – NC 54
(EAST HARDIN ST) AT NC 54 (EAST ELM ST) IN GRAHAM
TYPE OF WORK: GRADING, DRAINAGE, PAVING AND PAVEMENT MARKINGS

To whom it may concern:

Several items were not included in the proposal. The following items and quantities have been added to the proposal:

Pay Item	Description	Quantity	Unit
• Pay Item 2738000000-E	Temporary Sidewalk	9.3	SY
• Pay Item 2760000000-N	Temporary Curb Ramps	3	EA
• Pay Item 4455000000-N	Flaggers	20	Days
• Pay Item 4835000000-E	Paint Pavement Marking Lines (24")	264	LF

- Added a special provision for Temporary Concrete Sidewalk. It is attached to the addenda.
- Replace the existing T sheets in the proposal with the attached T sheets.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS DIVISION 7
PO BOX 14996
GREENSBORO, NC 27415-4996

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Location:
1584 YANCEYVILLE STREET
GREENSBORO, NC 27405

Website: www.ncdot.gov

Several questions have been asked regarding this project. The questions and answers are listed below,

1. Regarding TMP 3 – How will the Temporary Ramps, Sidewalk and Crosswalk be paid? **The quantity for each item has been added to the contract. The EBX file will need to be updated.**
2. Regarding TMP 7 – Please advise what hours we are required to work for the night-time work. **The time restrictions are clear in the proposal (see page G-2 of the proposal).**
3. How are we to close the road for paving and will there be a detour plan we are to abide by? **Paving is done with single lane closures, flagging, no detour would be allowed (see the TMP phasing plans).**
4. Can we add a Flagging by the Day line item? **The quantity for this item has been added to the contract. The EBX file will need to be updated.**
5. How are we to get the Sewer and Water lines across the street?
 - a. Can we open cut existing streets to place utilities? **Open cut would be allowed in areas that are to be resurfaced, while flagging or utilizing lane closures. Traffic is to be maintained during construction.**
 - i. If so, can the road be closed during construction? **No road closures are allowed.**
 - b. Can you add Jack and Bore Line Items if we cannot open cut the street? **ROW does not allow for bore pits.**
 - c. Can you provide ICT for water and sewer work? **Not sure what the intent is here, work is inclusive with construction of project.**
6. Will Brick Veneer be required for the CIP Wall? **No**
7. Can roadway be closed during MH Tie Ins Since they are in the middle of the road? **No road closures, lane closure and/or flagging operation must be used.**

A change to the ebx addenda file is associated with this addendum. Please use the ebx file DG00613.001x.

If you have any questions, please feel free to contact me at (336) 487-0075. Thank you for your attention is this matter.

JAS

cc: Website

U-6017

TC-2

Alamance County

TEMPORARY CONCRETE SIDEWALK:**Description**

This work shall consist of constructing Portland cement concrete sidewalk surfaces for temporary pedestrian access at locations shown on the plans.

Materials

Refer to Division 10 of the 2024 Standard Specifications for Roads and Structures.

Item	Section
Curing Materials	1026
Joint Filler	1028-1
Joint Sealers	1028-2, 1028-3
Portland Cement Concrete, Class B	1000

Construction Methods

Where it is necessary to remove a portion of existing sidewalk, saw a neat edge along the pavement to be retained approximately 2 inches deep with a concrete saw before breaking the adjacent pavement away.

Construct concrete in accordance with Section 825 of the 2024 Standard Specifications for Roads and Structures and give a sidewalk finish, except as otherwise provided herein.

Broom the concrete surface in a transverse direction to traffic. Make joint spacing no less than 5 feet. Seal expansion joints where sidewalk and curb ramps are placed adjacent to concrete curb and/or gutter. Do not seal grooved joints.

Do not place backfill adjacent to the sidewalk until at least 3 curing days, as defined in Article 825-9, have elapsed unless otherwise approved by the Engineer. Compact backfill to a degree comparable to the adjacent undisturbed material.

Do not place vehicles on the completed work until 7 curing days, as defined in Article 825-9, have elapsed. When high early strength concrete is used, vehicles will be permitted on the completed work after 3 curing days have elapsed.

Measurement and Payment

Temporary Concrete Sidewalk will be measured and paid in square yards, measured along the surface of the completed and accepted work. Such price includes, but is not limited to, excavating and backfilling, sawing the existing sidewalk, furnishing and placing concrete, and constructing and sealing joints. Such price shall also include the removal of all concrete material, backfilling and disposal of concrete materials when the Temporary Concrete Sidewalk is no longer required in place to provide access to or connection to permanent sidewalks and approved by the Engineer.

U-6017

TC-3

Alamance County

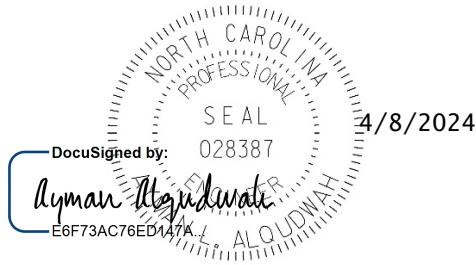
Payment will be made under:

Pay Item

Pay Unit

Temporary Concrete Sidewalk

Square Yard



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	0022000000-E	225	UNCLASSIFIED EXCAVATION	6,100 CY		
0004	0036000000-E	225	UNDERCUT EXCAVATION	600 CY		
0005	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0006	0063000000-N	SP	GRADING	Lump Sum	L.S.	
0007	0195000000-E	265	SELECT GRANULAR MATERIAL	200 CY		
0008	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	1,580 SY		
0009	0255000000-E	SP	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	50 TON		
0010	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	297 TON		
0011	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	1,339 SY		
0012	0335200000-E	305	15" DRAINAGE PIPE	20 LF		
0013	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	712 LF		
0014	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	260 LF		
0015	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	580 LF		
0016	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	12 LF		
0017	0995000000-E	340	PIPE REMOVAL	625 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	1099500000-E	505	SHALLOW UNDERCUT	455 CY		
0019	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	870 TON		
0020	1220000000-E	545	INCIDENTAL STONE BASE	1,000 TON		
0021	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1.5)	1,070 SY		
0022	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0, 3)	3,080 SY		
0023	1330000000-E	607	INCIDENTAL MILLING	1,110 SY		
0024	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	970 TON		
0025	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	990 TON		
0026	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,390 TON		
0027	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	185 TON		
0028	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,000 TON		
0029	1869000000-E	710	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (12)	344 SY		
0030	2022000000-E	815	SUBDRAIN EXCAVATION	189.3 CY		
0031	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	845 SY		
0032	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	142 CY		
0033	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	845 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	2070000000-N	815	SUBDRAIN PIPE OUTLET	2 EA		
0035	2077000000-E	815	6" OUTLET PIPE	12 LF		
0036	2253000000-E	840	PIPE COLLARS	1,312 CY		
0037	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	34 EA		
0038	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	3.6 LF		
0039	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	6 EA		
0040	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	1 EA		
0041	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	6 EA		
0042	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	9 EA		
0043	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	10 EA		
0044	2396000000-N	840	FRAME WITH COVER, STD 840.54	3 EA		
0045	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	1 EA		
0046	2535000000-E	846	*** X *** CONCRETE CURB (9, 18)	210 LF		
0047	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	300 LF		
0048	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	2,470 LF		
0049	2591000000-E	848	4" CONCRETE SIDEWALK	1,330 SY		
0050	2605000000-N	848	CONCRETE CURB RAMPS	20 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	2612000000-E	848	6" CONCRETE DRIVEWAY	320 SY		
0052	2619000000-E	850	4" CONCRETE PAVED DITCH	80 SY		
0053	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	860 SY		
0054	2830000000-N	858	ADJUSTMENT OF MANHOLES	2 EA		
0055	3575000000-E	SP	GENERIC FENCING ITEM SAFETY RAIL	120 LF		
0056	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	450 SY		
0057	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,250 LF		
0058	4096000000-N	904	SIGN ERECTION, TYPE D	2 EA		
0059	4102000000-N	904	SIGN ERECTION, TYPE E	55 EA		
0060	4108000000-N	904	SIGN ERECTION, TYPE F	11 EA		
0061	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	1 EA		
0062	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	18 EA		
0063	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	208 SF		
0064	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	347 SF		
0065	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	36 SF		
0066	4415000000-N	1115	FLASHING ARROW BOARD	2 EA		
0067	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	1 EA		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	4430000000-N	1130	DRUMS	100 EA		
0069	4445000000-E	1145	BARRICADES (TYPE III)	70 LF		
0070	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	48 LF		
0071	4480000000-N	1165	TMA	1 EA		
0072	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	6,850 LF		
0073	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,375 LF		
0074	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	500 LF		
0075	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	49 EA		
0076	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	18 EA		
0077	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	7,146 LF		
0078	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	178 LF		
0079	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	314 LF		
0080	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	4 EA		
0081	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	58 EA		
0082	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	2,526 LF		
0083	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	264 LF		
0084	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	11 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	4905100000-N	1253	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	97 EA		
0086	5325600000-E	1510	6" WATER LINE	26 LF		
0087	5325800000-E	1510	8" WATER LINE	143 LF		
0088	5326200000-E	1510	12" WATER LINE	663 LF		
0089	5326600000-E	1510	16" WATER LINE	674 LF		
0090	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	8,735 LB		
0091	5540000000-E	1515	6" VALVE	1 EA		
0092	5546000000-E	1515	8" VALVE	1 EA		
0093	5558000000-E	1515	12" VALVE	3 EA		
0094	5558600000-E	1515	16" VALVE	3 EA		
0095	5571600000-E	1515	6" TAPPING SLEEVE & VALVE	2 EA		
0096	5571800000-E	1515	8" TAPPING SLEEVE & VALVE	3 EA		
0097	5648000000-N	1515	RELOCATE WATER METER	10 EA		
0098	5649000000-N	1515	RECONNECT WATER METER	5 EA		
0099	5672000000-N	1515	RELOCATE FIRE HYDRANT	1 EA		
0100	5673000000-E	1515	FIRE HYDRANT LEG	8 LF		
0101	5686500000-E	1515	WATER SERVICE LINE	876 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0102	5691300000-E	1520	8" SANITARY GRAVITY SEWER	466 LF		
0103	5691400000-E	1520	10" SANITARY GRAVITY SEWER	424 LF		
0104	5775000000-E	1525	4' DIA UTILITY MANHOLE	9 EA		
0105	5781000000-E	1525	UTILITY MANHOLE WALL 4' DIA	4 LF		
0106	5800000000-E	1530	ABANDON 6" UTILITY PIPE	695 LF		
0107	5801000000-E	1530	ABANDON 8" UTILITY PIPE	1,104 LF		
0108	5802000000-E	1530	ABANDON 10" UTILITY PIPE	493 LF		
0109	5828000000-N	1530	REMOVE UTILITY MANHOLE	3 EA		
0110	6000000000-E	1605	TEMPORARY SILT FENCE	1,610 LF		
0111	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	240 TON		
0112	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	45 TON		
0113	6012000000-E	1610	SEDIMENT CONTROL STONE	345 TON		
0114	6015000000-E	1615	TEMPORARY MULCHING	1 ACR		
0115	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	100 LB		
0116	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	0.5 TON		
0117	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0118	6029000000-E	SP	SAFETY FENCE	240 LF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0119	6030000000-E	1630	SILT EXCAVATION	160 CY		
0120	6036000000-E	1631	MATTING FOR EROSION CONTROL	7,500 SY		
0121	6042000000-E	1632	1/4" HARDWARE CLOTH	1,200 LF		
0122	6071030000-E	1640	COIR FIBER BAFFLE	20 LF		
0123	6084000000-E	1660	SEEDING & MULCHING	3 ACR		
0124	6087000000-E	1660	MOWING	0.5 ACR		
0125	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0126	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0127	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB		
0128	6108000000-E	1665	FERTILIZER TOPDRESSING	0.75 TON		
0129	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0130	6114800000-N	SP	MANUAL LITTER REMOVAL	1 MHR		
0131	6114900000-E	SP	LITTER DISPOSAL	1 TON		
0132	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	25 EA		
0133	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	4 EA		
0134	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE	30 EA		
0135	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION DEVICE CLEANOUT	90 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0136	7060000000-E	1705	SIGNAL CABLE	1,260 LF		
0137	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	5 EA		
0138	7252000000-E	1710	MESSENGER CABLE (1/4")	1,380 LF		
0139	7264000000-E	1710	MESSENGER CABLE (3/8")	400 LF		
0140	7360000000-N	1720	WOOD POLE	1 EA		
0141	7372000000-N	1721	GUY ASSEMBLY	13 EA		
0142	7481000000-N	SP	SITE SURVEY	1 EA		
0143	7481200000-N	SP	LUMINAIRE ARM FOR VIDEO SYSTEM	1 EA		
0144	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	1 EA		
0145	7481260000-N	SP	EXTERNAL LOOP EMULATOR PROCESSING UNIT	1 EA		
0146	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (12)	870 LF		
0147	7516000000-E	1730	COMMUNICATIONS CABLE (** FIBER) (24)	1,070 LF		
0148	7540000000-N	1731	SPLICE ENCLOSURE	3 EA		
0149	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	2 EA		
0150	7575160000-E	1734	REMOVE EXISTING COMMUNICATIONS CABLE	1,320 LF		
0151	7636000000-N	1745	SIGN FOR SIGNALS	1 EA		
0152	7948000000-N	1757	TRAFFIC SIGNAL REMOVAL	1 EA		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0765	2738000000-E	SP	GENERIC PAVING ITEM TEMPORARY SIDEWALK	9.3 SY		
0770	2760000000-N	848	GENERIC PAVING ITEM TEMPORARY CURB RAMPS	3 EA		
0775	4455000000-N	1150	FLAGGER	20 DAY		
0780	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	264 LF		

WALL ITEMS

0153	8802040000-E	453	CIP GRAVITY RETAINING WALLS	950 SF		
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Total Amount Of Bid For Entire Project :