



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JOSH STEIN  
GOVERNOR

DANIEL H. JOHNSON  
SECRETARY

March 09, 2026

**Addendum No. 1**

RE: Contract # C205013

WBS # 49491.3.1

STATE FUNDED

**Mecklenburg County (HL-0025)**

GREYLOCK RIDGE RD FROM EAST JOHN ST TO TANK TOWN RD

**March 17, 2026 Letting**

To Whom It May Concern:

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

The following revisions have been made to the Roadway Plans:

Sheet No.	Revision
2A-3	<ul style="list-style-type: none"> <li>• Revised Stationing for Typical Section No. 4, to remove the location for where the concrete rail crossing is to be installed.</li> <li>• Added Typical Section No. 5 to reflect stationing for the installation of the concrete rail crossing (installed by others).</li> </ul>
2B-15	<ul style="list-style-type: none"> <li>• Revised the legend to “Proposed Concrete Grade Crossing Panel (By Others)”.</li> <li>• Added note 6, “Proposed concrete crossing, crossbucks, gates and flashers will be installed by others.</li> </ul>
3D-1	<ul style="list-style-type: none"> <li>• Included a quantity for endwalls (2 CY); 1 CY for each 18” RCP</li> </ul>

Please void the above listed Sheets in your plans and staple the revised Sheets thereto.

The following revisions have been made to the Transportation Management Plans:

Sheet No.	Revision
TMP-2	<ul style="list-style-type: none"> <li>Revised Intermediate Contract Time #3 (ICT) - Step 2 Note: "Contractor to coordinate construction of railroad crossing with NCDOT Rail Division. CSX contractor to construct rail crossing."</li> </ul>
TMP-6	<ul style="list-style-type: none"> <li>Revised the Phase 2, Step 2 ICT label on the plan to say "Using temporary road closure and detour route, have the CXS crossing contractor install the new railroad crossing. Contractor to coordinate railroad crossing with the NCDOT Rail Division (See Inset and Sheet TMP-7 for closure and detour)."</li> </ul>

Please void the above listed Sheets in your plans and staple the revised Sheets thereto.

The following revisions have been made to the proposal:

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 03-09-2026".
G-3	The Project Special Provision entitled <b><u>INTERMEDIATE CONTRACT TIME NUMBER 3 AND LIQUIDATED DAMAGES</u></b> has been revised

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

On the item sheets the following pay item revision has been made:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0040 - 2209000000-E 838	ENDWALLS	1.5 CY	3.5 CY

The Contractor's bid must include this pay item revision.

The electronic bidding file has been updated to reflect this revision. 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,

Signed by:  
  
52C46046381F443...

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

RED/jjr  
Attachments

cc: Mr. Wiley W. Jones III, PE  
Mr. Felix A. Obregon, PE  
Mr. Ken Kennedy, PE  
Mr. Malcolm Bell

Mr. Forrest Dungan, PE  
Ms. Jaci Kincaid  
Mr. Jon Weathersbee, PE  
Project File (2)

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

PROPOSAL

**INCLUDES ADDENDUM No.1 DATED 03-09-2026**

DATE AND TIME OF BID OPENING: **Mar 17, 2026 AT 02:00 PM**

CONTRACT ID        C205013  
WBS                    49491.3.1

FEDERAL-AID NO.    STATE FUNDED  
COUNTY             MECKLENBURG  
T.I.P NO.             HL-0025  
MILES                 0.270  
ROUTE NO.  
LOCATION                GREYLOCK RIDGE RD FROM EAST JOHN ST TO TANK TOWN RD.

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

**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 PROPOSAL**

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

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8. For **Christmas**, between the hours of **6:00 A.M.** the Friday before the week of Christmas Day and **7:00 P.M.** the following Tuesday after the week of Christmas Day.

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 Hundred Fifty Dollars (\$ 250.00)** per fifteen (15) minute time period.

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

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

108

SPI G14 H

The Contractor shall complete the work required of **Phase 2, Step #2** 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 **thirty (30)** consecutive calendar days after and including the date of availability.

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

County: MECKLENBURG

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	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	19,700 CY		
0006	0036000000-E	225	UNDERCUT EXCAVATION	750 CY		
0007	0134000000-E	240	DRAINAGE DITCH EXCAVATION	430 CY		
0008	0141000000-E	240	BERM DITCH CONSTRUCTION	450 LF		
0009	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	3,870 SY		
0010	0195000000-E	265	SELECT GRANULAR MATERIAL	400 CY		
0011	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	400 SY		
0012	0225000000-E	SP	REINFORCED SOIL SLOPES	250 SY		
0013	0241000000-E	SP	GENERIC GRADING ITEM COMPOST BLANKET FOR GEOCELLS	250 SY		
0014	0241000000-E	SP	GENERIC GRADING ITEM GEOCELLS	250 SY		
0015	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	337 TON		
0016	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	1,429 SY		
0017	0335300000-E	305	18" DRAINAGE PIPE	47 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0335850000-E	305	*** DRAINAGE PIPE ELBOWS (18")	1 EA		
0019	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	1,100 LF		
0020	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	764 LF		
0021	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	137 LF		
0022	0995000000-E	340	PIPE REMOVAL	94 LF		
0023	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0024	1099500000-E	505	SHALLOW UNDERCUT	100 CY		
0025	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	200 TON		
0026	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	200 SY		
0027	1121000000-E	520	AGGREGATE BASE COURSE	245 TON		
0028	1220000000-E	545	INCIDENTAL STONE BASE	20 TON		
0029	1330000000-E	607	INCIDENTAL MILLING	290 SY		
0030	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	2,155 TON		
0031	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	1,820 TON		
0032	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	1,475 TON		
0033	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	285 TON		
0034	2022000000-E	815	SUBDRAIN EXCAVATION	45 CY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	200 SY		
0036	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	34 CY		
0037	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	200 LF		
0038	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0039	2077000000-E	815	6" OUTLET PIPE	6 LF		
0040	2209000000-E	838	ENDWALLS	3.5 CY		
0041	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	28 EA		
0042	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	2.3 LF		
0043	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2 EA		
0044	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	14 EA		
0045	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	11 EA		
0046	2473000000-N	SP	GENERIC DRAINAGE ITEM HEADWALL TRASH RACK	2 EA		
0047	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	112 LF		
0048	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	4,585 LF		
0049	2591000000-E	848	4" CONCRETE SIDEWALK	1,220 SY		
0050	2605000000-N	848	CONCRETE CURB RAMPS	16 EA		
0051	2612000000-E	848	6" CONCRETE DRIVEWAY	80 SY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	2619000000-E	850	4" CONCRETE PAVED DITCH	4.5 SY		
0053	2738000000-E	SP	GENERIC PAVING ITEM 4" CONCRETE SIDE PATH	1,440 SY		
0054	2738100000-E	SP	GENERIC PAVING ITEM DETECTABLE WARNING SURFACE	40 SF		
0055	2739000000-E	852	GENERIC PAVING ITEM 5" MONOLITHIC CONCRETE ISLANDS (MODIFIED)	120 SY		
0056	2753000000-E	846	GENERIC PAVING ITEM 1'-6" CONCRETE CURB AND GUTTER (MODIFIED)	298 LF		
0057	2830000000-N	858	ADJUSTMENT OF MANHOLES	1 EA		
0058	3030000000-E	862	STEEL BEAM GUARDRAIL	350 LF		
0059	3105000000-N	862	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	4 EA		
0060	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0061	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	1 EA		
0062	3360000000-E	863	REMOVE EXISTING GUARDRAIL	235 LF		
0063	3628000000-E	876	RIP RAP, CLASS I	280 TON		
0064	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	715 SY		
0065	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (D)	25.2 SF		
0066	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	123.3 SF		
0067	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	369 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	4096000000-N	904	SIGN ERECTION, TYPE D	2 EA		
0069	4102000000-N	904	SIGN ERECTION, TYPE E	23 EA		
0070	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (E)	4 EA		
0071	4151000000-N	907	STOCKPILE SIGN SYSTEM, STEEL BEAM	2 EA		
0072	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	14 EA		
0073	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	572 SF		
0074	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	96 SF		
0075	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	313 SF		
0076	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	1 EA		
0077	4430000000-N	1130	DRUMS	40 EA		
0078	4435000000-N	1135	CONES	40 EA		
0079	4445000000-E	1145	BARRICADES (TYPE III)	272 LF		
0080	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	150 LF		
0081	4455000000-N	1150	FLAGGER	25 DAY		
0082	4510000000-N	1190	LAW ENFORCEMENT	40 HR		
0083	4520000000-N	1266	TUBULAR MARKERS (FIXED)	17 EA		
0084	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	5,698 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	75 LF		
0086	4704000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	64 LF		
0087	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	1,142 LF		
0088	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	4 EA		
0089	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	8 EA		
0090	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	400 LF		
0091	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	20 LF		
0092	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	2,153 LF		
0093	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	734 LF		
0094	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	55 LF		
0095	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	34 EA		
0096	4900000000-N	1251	PERMANENT RAISED PAVEMENT MARKERS	41 EA		
0097	4957000000-N	1264	OBJECT MARKERS (TYPE **) (4)	6 EA		
0098	5150000000-E	1409	ELECTRICAL DUCT, TYPE **, SIZE ***** (BD, 2")	40 LF		
0099	5325200000-E	1510	2" WATER LINE	100 LF		
0100	5325800000-E	1510	8" WATER LINE	2,196 LF		
0101	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	4,100 LB		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0102	5546000000-E	1515	8" VALVE	8 EA		
0103	5589200000-E	1515	2" AIR RELEASE VALVE	1 EA		
0104	5648000000-N	1515	RELOCATE WATER METER	4 EA		
0105	5666000000-N	1515	FIRE HYDRANT	1 EA		
0106	5672000000-N	1515	RELOCATE FIRE HYDRANT	1 EA		
0107	5673000000-E	1515	FIRE HYDRANT LEG	14 LF		
0108	5686500000-E	1515	WATER SERVICE LINE	82 LF		
0109	5691300000-E	1520	8" SANITARY GRAVITY SEWER	20 LF		
0110	5801000000-E	1530	ABANDON 8" UTILITY PIPE	941 LF		
0111	5835800000-E	1540	18" ENCASEMENT PIPE	315 LF		
0112	5872500000-E	1550	BORE AND JACK OF *** (18")	210 LF		
0113	6000000000-E	1605	TEMPORARY SILT FENCE	5,760 LF		
0114	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	145 TON		
0115	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	400 TON		
0116	6012000000-E	1610	SEDIMENT CONTROL STONE	390 TON		
0117	6015000000-E	1615	TEMPORARY MULCHING	9 ACR		
0118	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	600 LB		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0119	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	3 TON		
0120	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0121	6029000000-E	SP	SAFETY FENCE	860 LF		
0122	6030000000-E	1630	SILT EXCAVATION	610 CY		
0123	6036000000-E	1631	MATTING FOR EROSION CONTROL	9,090 SY		
0124	6037000000-E	1629	COIR FIBER MAT	100 SY		
0125	6042000000-E	1632	1/4" HARDWARE CLOTH	1,025 LF		
0126	6070000000-N	1639	SPECIAL STILLING BASINS	2 EA		
0127	6071002000-E	1642	FLOCCULANT	85 LB		
0128	6071030000-E	1640	COIR FIBER BAFFLE	25 LF		
0129	6082000000-E	1657	COMPOST BLANKET	1 ACR		
0130	6084000000-E	1660	SEEDING & MULCHING	9 ACR		
0131	6087000000-E	1660	MOWING	6 ACR		
0132	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0133	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0134	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	225 LB		
0135	6108000000-E	1665	FERTILIZER TOPDRESSING	6.5 TON		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0136	6111000000-E	SP	IMPERVIOUS DIKE	25 LF		
0137	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0138	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	25 EA		
0139	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	1 EA		
0140	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	5 EA		
0141	6141000000-E	SP	GENERIC EROSION CONTROL ITEM PERMANENT SOIL REINFORCEMENT MAT, TYPE 1	5 SY		
0142	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	8 EA		
0143	7060000000-E	1705	SIGNAL CABLE	2,275 LF		
0144	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	10 EA		
0145	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	2 EA		
0146	7229000000-N	SP	APS DETECTOR STATION	8 EA		
0147	7230000000-N	SP	CENTRAL CONTROL UNIT APS DETECTOR STATION	1 EA		
0148	7252000000-E	1710	MESSENGER CABLE (1/4")	1,800 LF		
0149	7279000000-E	1715	TRACER WIRE	150 LF		
0150	7288000000-E	1715	PAVED TRENCHING (***** (1, 2")	50 LF		
0151	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2")	390 LF		
0152	7300000000-E	1715	UNPAVED TRENCHING (***** (2, 2")	170 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0153	7301000000-E	1715	DIRECTIONAL DRILL (***** (1, 2"))	250 LF		
0154	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	7 EA		
0155	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	2 EA		
0156	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	925 LF		
0157	7456100000-E	1726	LEAD-IN CABLE (14-2)	2,500 LF		
0158	7528000000-E	1730	DROP CABLE	60 LF		
0159	7540000000-N	1731	SPLICE ENCLOSURE	1 EA		
0160	7541000000-N	1731	MODIFY SPLICE ENCLOSURE	1 EA		
0161	7552000000-N	1731	INTERCONNECT CENTER	1 EA		
0162	7566000000-N	1733	DELINEATOR MARKER	1 EA		
0163	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	4 EA		
0164	7613000000-N	SP	SOIL TEST	4 EA		
0165	7614100000-E	SP	DRILLED PIER FOUNDATION	24 CY		
0166	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	4 EA		
0167	7636000000-N	1745	SIGN FOR SIGNALS	1 EA		
0168	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	6 EA		
0169	7684000000-N	1750	SIGNAL CABINET FOUNDATION	1 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0170	7696000000-N	1751	CONTROLLERS WITH CABINET (***** (TYPE 2070LX, BASE MOUNTED)	1 EA		
0171	7744000000-N	1751	DETECTOR CARD (TYPE 170)	10 EA		
0172	7901000000-N	1753	CABINET BASE EXTENDER	1 EA		
0173	7980000000-N	SP	GENERIC SIGNAL ITEM ETHERNET EDGE SWITCH	1 EA		
0174	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)	4 EA		
0175	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR TYPE II SIGNAL PEDESTAL (BLACK)	6 EA		

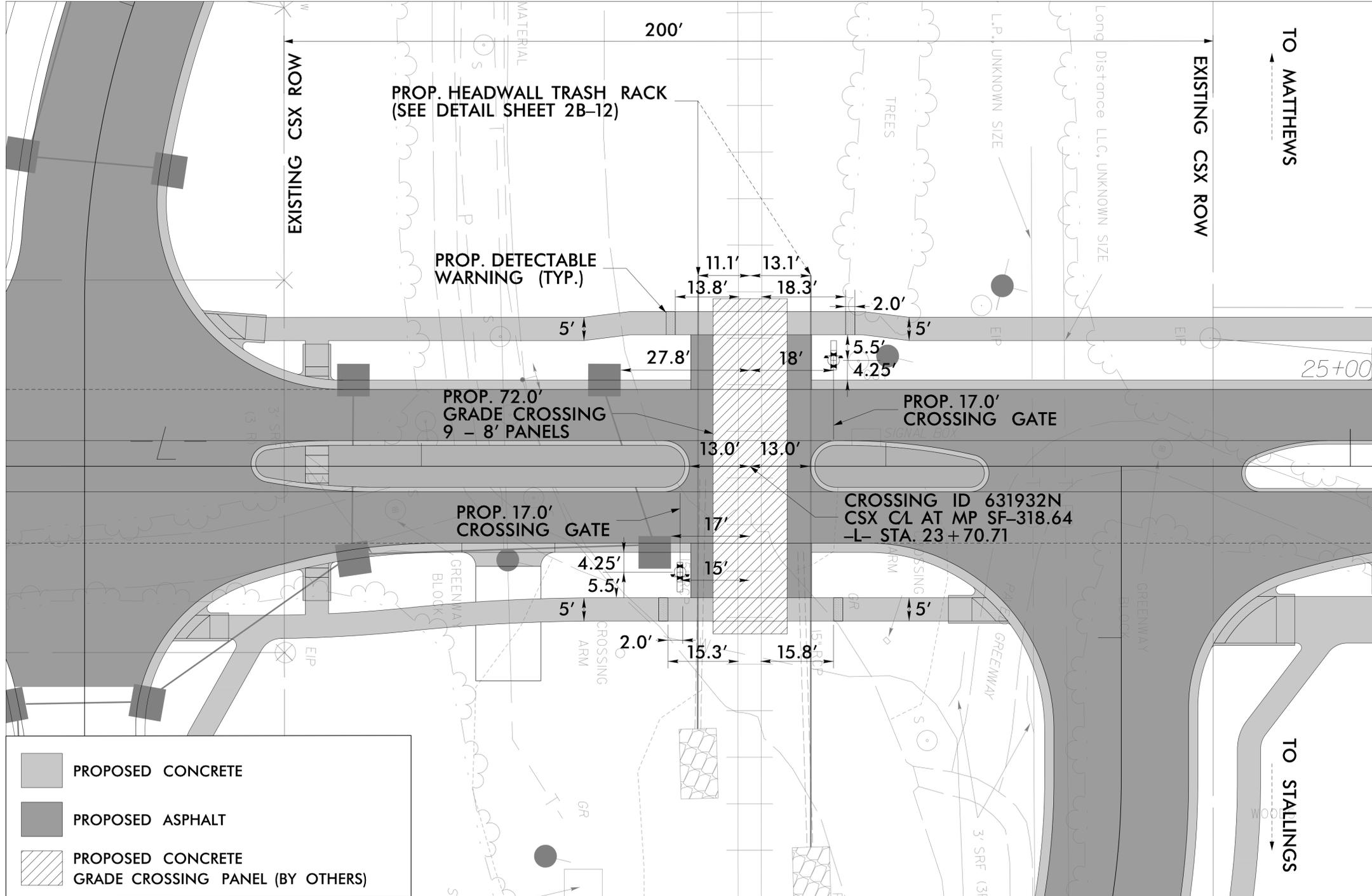
0854/Mar09/Q96509.65/D763571182000/E175

Total Amount Of Bid For Entire Project :

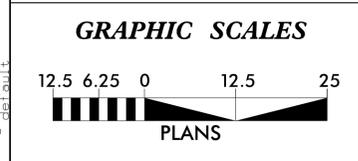


5/14/99

PROJECT REFERENCE NO. HL-0025	SHEET NO. 2B-15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	



	PROPOSED CONCRETE
	PROPOSED ASPHALT
	PROPOSED CONCRETE GRADE CROSSING PANEL (BY OTHERS)



# PROPOSED GRADE CROSSING DETAIL

TANK TOWN / E. CHARLES RD

- NOTES:**
1. FOR -L- DESIGN SEE SHEET 5.
  2. ALL WORK WITHIN CSX CORRIDOR TO BE COORDINATED WITH NCDOT AND CSX.
  3. PROPOSED GATE AND GRADE CROSSING LIMITS SHOWN ON PLAN ARE APPROXIMATE.
  4. SEE INTERSECTION DETAIL SHEET 2B-4 FOR MEDIAN DIMENSIONS.
  5. NEAREST CSX GRADE CROSSINGS:  
CRESTDALE RD / MP SF-318.93 / 1520' WEST  
CAMPUS RIDGE RD / MP SF-317.3 / 6082' EAST
  6. PROPOSED CONCRETE CROSSING, CROSSBUCKS, GATES AND FLASHERS WILL BE INSTALLED BY OTHERS

3/5/2025  
 Ridge\5\025\05-CAD\CAD\Greylock\_Ridge\_Ext\_Roadway\Proj\Greylock\_Ridge\_psh02B-15.dgn  
 Greylock\_Ridge\5\025\05-CAD\CAD\Greylock\_Ridge\_Ext\_Roadway\Proj\Greylock\_Ridge\_psh02B-15.dgn



### GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAILS DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

#### TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTION
E. JOHN STREET	MONDAY TO FRIDAY 6:00AM TO 9:00AM 4:00PM TO 7:00PM

#### HOLIDAY RESTRICTIONS

B) FOR ANY OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.

C) HOLIDAYS AND HOLIDAY WEEKENDS SHALL INCLUDE NEW YEAR'S, EASTER, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING, AND CHRISTMAS.

HOLIDAY	DAY AND TIME RESTRICTION
NEW YEAR'S	6:00AM DECEMBER 31 TO 7:00PM JANUARY 2
EASTER	6:00AM THURSDAY TO 7:00PM MONDAY
MEMORIAL DAY	6:00AM FRIDAY TO 7:00PM TUESDAY
*INDEPENDENCE DAY	6:00AM JULY 3 TO 7:00PM JULY 5
LABOR DAY	6:00AM FRIDAY TO 7:00PM TUESDAY
THANKSGIVING	6:00AM TUESDAY TO 7:00PM MONDAY
CHRISTMAS	6:00AM FRIDAY THE WEEK BEFORE CHRISTMAS TO 7:00PM TUESDAY THE WEEK AFTER CHRISTMAS

\* IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY, THEN BETWEEN THE HOURS OF 6:00AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00PM THE TUESDAY AFTER.

#### LANE AND SHOULDER CLOSURE REQUIREMENTS

D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

#### TRAFFIC PATTERN ALTERATIONS

I) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

### GENERAL NOTES CONT.

#### SIGNING

J) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

K) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

#### TRAFFIC CONTROL DEVICES

L) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

M) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED TO THRU TRAFFIC" SIGN R11-4 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

#### PAVEMENT MARKINGS AND MAKERS

N) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
E CHARLES ST	PAINT	N/A
TANK TOWN RD	PAINT	N/A
MORRIS RD	PAINT	N/A

O) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

P) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

#### MISCELLANEOUS

Q) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

R) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

S) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) AND RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

T) ALL CURB RAMP LOCATIONS CAN BE FOUND ON THE CURB RAMP TABLE ON SHEET 2B-6.

U) CONTRACTOR SHALL MAINTAIN SOUTHWEST SIDEWALK ACCESS ON E CHARLES ST. AND TANK TOWN RD. AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

### MANAGEMENT STRATEGIES

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

#### RECOMMENDED STRATEGIES:

TRAFFIC MANAGEMENT STRATEGIES:  
LANE SHIFTS OR CLOSURES  
ONE-LANE, TWO WAY OPERATION (FLAGGING)  
PEDESTRIAN ACCOMMODATIONS  
ON-SITE DETOURS

### LOCAL NOTES

- NOTIFY MECKLENBURG COUNTY EMERGENCY SERVICES AND PUBLIC SCHOOLS AT LEAST ONE MONTH PRIOR TO ROAD CLOSURE.
- ONE MONTH PRIOR TO GREENWAY CLOSURE, NOTIFY THE TOWN OF MATTHEWS.



### PHASING

PROJ. REFERENCE NO.	SHEET NO.
HL-0025	TMP-2

#### PHASE 1

STEP 1: USING SHEET TMP-4, CLOSE EXISTING GREENWAY PRIOR TO BEGINNING ANY WORK FROM E JOHN ST TO MATTHEWS SCHOOL RD. INSTALL ADVANCE WORK ZONE WARNING SIGNS ACCORDING TO RSD 1101.01 (SHEET 3 OF 3).

NOTE: CONSTRUCT ENTIRE SIDEWALK CONNECTION ON -Y4- TO ENSURE PEDESTRIAN CONNECTIVITY STAYS OPEN AT ALL POSSIBLE TIMES.

STEP 2: AWAY FROM TRAFFIC, AND USING FLAGGERS AS NEEDED (ALSO SEE SHEET TMP-5), BEGIN CONSTRUCTION OF PROPOSED ROAD (UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE), CURB AND GUTTER, SIDEWALK, CURB RAMPS, AND DRAINAGE ON:

PROPOSED -L-: FROM STA 11+04± TO STA 23+00± AND FROM STA 24+30± TO STA 25+30±

PROPOSED -Y2-: FROM STA 10+16± TO STA 13+00±

PROPOSED -Y4-: FROM STA 10+45± TO STA 13+36±

CONSTRUCT -Y3\_DET- AND SHIFT MORRIS RD TRAFFIC TO -Y3\_DET-

INSTALL TRAFFIC SIGNAL FOR E. JOHN ST / GREYLOCK RIDGE RD INTERSECTION. LEAVE SIGNAL HEADS IN FLASHING PHASE UNTIL GOING LIVE IN PHASE 3.

#### PHASE 2

STEP 1: AWAY FROM TRAFFIC, AND USING FLAGGERS AS NEEDED (ALSO SEE SHEET TMP-6), COMPLETE CONSTRUCTION OF PROPOSED ROAD (UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE), CURB AND GUTTER, SIDEWALK, CURB RAMPS, AND DRAINAGE ON:

PROPOSED -L-: FROM STA 24+30± TO STA 25+30±

PROPOSED -Y2-: FROM STA 13+00± TO STA 15+30±

PROPOSED -Y3-: FROM STA 10+75± TO STA 12+68±

PROPOSED -Y4-: FROM STA 10+45± TO STA 12+00±

USE FLAGGERS TO CONSTRUCT TEMPORARY TIE-INS FOR -Y2- AND -Y4-, UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT.

#### INTERMEDIATE CONTRACT TIME #3 (ICT)

STEP 2: CLOSE -L- FROM STA 23+00± TO STA 24+30± AND CONSTRUCT RAIL CROSSING.

PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO PHASE 3 PATTERN.

NOTES:  
CONTRACTOR TO COORDINATE CONSTRUCTION OF RAILROAD CROSSING WITH NCDOT RAIL DIVISION. CSX CONTRACTOR TO CONSTRUCT RAIL CROSSING.

CONTRACTOR SHALL COMPLETE THE WORK OF PHASE 2, STEP 2 IN 30 CONSECUTIVE CALENDAR DAYS. SEE SPECIFICATIONS FOR INTERMEDIATE CONTRACT TIME (ICT) AND LIQUIDATED DAMAGES.

#### PHASE 3

STEP 1: USING FLAGGERS, WEDGE TIE-INS FOR -Y2- AND -Y4- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

STEP 2: COMPLETE ANY REMAINING CONSTRUCTION, INCLUDING REMOVAL OF EXISTING PAVEMENT.

STEP 3: PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENTS MARKINGS.

STEP 4: REMOVE ALL TRAFFIC CONTROL DEVICES, TURN ON E. JOHN / GREYLOCK INTERSECTION SIGNAL, AND OPEN ALL LANES TO TRAFFIC.

APPROVED: _____			<p align="center"><b>TRANSPORTATION OPERATIONS PLAN</b></p>
DATE: 3/5/2026			
<p>DocuSigned by: <i>Jason T. Gaddy</i> BAE5D64400BA486...</p>		<p align="center"><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>	

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