



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H JOHNSON
SECRETARY

October 7, 2026

ADDENDUM NUMBER 2

Division Eleven

Contract No.: DK00476
WBS: DF18311.200.5335.PR
County: Ashe County
Location: Replace Bridge #040439 on SR 1120 (Ballou Road) Over North Fork New River
Type of Work: Grading, Drainage, Paving, and Structure
Bid Opening: October 15, 2026

To Whom It May Concern:

Reference is made to the proposal furnished to you for this project.

The following revisions have been made to the Roadway Sheets.

Page Number	Revision
Proposal Cover	Note added that reads: "Includes Addendum Number 2 – Dated 10-07-2026"
G-48 Through G-52	Added Special Provision for Bridge Approach Fills
UbO-1	Added the Relocation Work Completion Date

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

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

ITEM	SECTION	DESCRIPTION	OLD QUANTITY	NEW QUANTITY
102-0248000000-N	SP	Generic Grading Item Type 1 Bridge Approach Fill, Station 15+15.50-L-	0	1

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

Mailing Address:
NC DEPT. OF TRANSPORTATION
DIVISION ELEVEN
P. O. BOX 250
NORTH WILKESBORO, NC 28659

Telephone: (336) 903-9101
Website: www.ncdot.org

Location:
NC DEPT. OF TRANSPORTATION
DIVISION ELEVEN
801 STATESVILLE RD
NORTH WILKESBORO, NC 28659

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.

This revision is reflected on the Proposal currently on the Division 11 Letting Page.

The contract will be prepared accordingly.

If you have questions about bidding on this project or any other question concerning this project, please contact me at (336) 903-9115 or belmore@ncdot.gov.

Sincerely,

A handwritten signature in cursive script that reads "Bethany Elmore".

Bethany Elmore, PE
Division Contract Engineer

CC: Michael Poe, PE, Division Engineer
Brandon Whitaker, PE, Deputy Division Engineer
Ivan Dishman, PE, Division Construction Engineer
Matthew Evans, PE, Division Maintenance Engineer
Ramie Shaw, PE, Division Program Development Engineer
David Wayne, PE, District Engineer
Scott Pipes, PLS, Resident Engineer

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) Blue Ridge EMC – Power

B) Skyline Telephone Membership Corporation – Telecommunications

The conflicting facilities of these concerns will be adjusted prior to the date of availability, unless otherwise noted, and are therefore listed in these special provisions for the benefit of the Contractor. All utility work listed herein will be done by the utility owners. All utilities are shown on the plans from the best available information.

The Contractor's attention is directed to Article 105-8 of the 2024 Standard Specifications.

Utilities Requiring Adjustment:

Utility relocations are shown on the Utilities by Others Plans.

A) Blue Ridge EMC – Power

- 1) Blue Ridge EMC relocation work will be completed by February 1, 2027.
- 2) Contact Person – Andy Calhoun
(336) 846-7138 Ext. 4368 or dsmith@mountainelectric.com

B) Skyline Telephone Membership Corporation – Telecommunications

- 1) Skyline Telephone Membership Corporation relocation work will be completed by February 1, 2027.
- 2) Contact Person – Samuele Wilson
(336) 876-6214 or samuele.wilson@skyline.org

BRIDGE APPROACH FILLS:

(10-19-10)(Rev. 1-16-24)

422

SP4 R02

Description

Bridge approach fills consist of backfilling behind bridge end bents with select material or aggregate to support all or part of bridge approach slabs. Install outlets and grade bridge approach fills to drain water through and away from approach fills. Install geotextiles to allow for possible future slab jacking and separate approach fills from embankment fills, natural ground and pavement sections as required. For bridge approach fills behind end bents with mechanically stabilized earth (MSE) abutment walls, reinforce bridge approach fills with MSE wall reinforcement connected to end bent caps as required. Construct bridge approach fills in accordance with the contract, accepted submittals and bridge approach fill *Roadway Standard Drawings*.

Define bridge approach fill types as follows:

Type 1 Approach Fill – Approach fill for bridge abutment in accordance with *Roadway Standard Drawing No. 423.01*;

Type 1A Approach Fill – Alternate approach fill for integral bridge abutment in accordance with *Roadway Standard Drawing No. 423.02*;

Type 2 Approach Fill – Approach fill for bridge abutment with MSE wall in accordance with *Roadway Standard Drawing No. 423.03* and

Type 2A Approach Fill – Alternate approach fill for integral bridge abutment with MSE wall in accordance with *Roadway Standard Drawing No. 423.04*.

At the Contractors option, use Type 1A or 2A approach fills instead of Type 1 or 2 approach fills, respectively, for integral bridge abutments. Type 1A and 2A approach fills consists of constructing an approach fill with a temporary geotextile wall before placing all or a portion of the concrete for the backwall and wing walls of the integral end bent cap. The temporary geotextile wall is designed for a construction surcharge, remains in place and is aligned so the wall face functions as a form for the integral end bent cap backwall and wing walls.

Materials

Refer to Division 10 of the *Standard Specifications*.

Item	Section
Geotextiles	1056
Portland Cement Concrete	1000
Select Materials	1016
Subsurface Drainage Materials	1044
Welded Wire Reinforcement	1070-3

Provide Type 1 geotextile for separation geotextiles, Type 4a geotextile for under bridge approach slabs and Class B concrete for outlet pads. Use Class V or Class VI select material for Type 1 and 1A approach fills and the same aggregate type approved for the reinforced zone in the accepted MSE wall submittal for Type 2 and 2A approach fills. For MSE wall aggregate, reinforcement and connector materials, see the *Mechanically Stabilized Earth Retaining Walls* provision. Provide outlet pipes and fittings for subsurface drainage materials. Provide 1/4" hardware cloth with 1/4 inch openings constructed from 24 gauge wire.

For temporary geotextile walls, use welded wire reinforcement for welded wire facing and Type 5a geotextile for reinforcement geotextiles. Use Type 5a geotextile with lengths as shown in *Roadway Standard Drawing* No. 423.02 or 423.04.

Construction Methods

Excavate as necessary for approach fills and, if applicable, temporary geotextile walls in accordance with the contract. Ensure limits of approach fills are graded to drain as shown in the bridge approach fill *Roadway Standard Drawings*. For Type 1 and 1A approach fills in embankment fills, place and compact a temporary 1.5:1 (H:V) fill slope in accordance with *Roadway Standard Drawing* No. 423.01 or 423.02 and in accordance with Subarticle 235-3(B) and 235-3(C) of the *Standard Specifications*. Density testing is required within the temporary fill slope and additional more frequent density testing is also required for bridge approach embankments. Wait 3 days before cutting the slope back to complete the approach fill excavation. Use excavated material elsewhere on the project to form embankments, subgrades, or shoulders. If a slope for an approach fill is excavated to flatter than what is required for access or any other reason, that same slope is required for the entire approach fill excavation. Do not backfill overexcavations that extend outside the approach fill limits shown on the *Roadway Standard Drawings* with embankment soils. Instead, expand approach fill limits to include overexcavations.

Notify the Engineer when embankment fill placement and approach fill excavation is complete. Do not place separation geotextiles or aggregate until approach fill dimensions and embankment materials below and outside approach fills are approved.

For Type 2 approach fills, cast MSE wall reinforcement or connectors into end bent cap backwalls within 3 inches of locations shown in the accepted MSE wall submittals. Install MSE wall reinforcement with the orientation, dimensions and number of layers shown in the accepted MSE wall submittals. If a Type 2 approach fill is designed with geogrid reinforcement embedded in an end bent cap, cut geogrids to the required lengths and after securing ends of geogrids in place, reroll and rewrap portions of geogrids not embedded in the cap to protect geogrids from damage. Before placing aggregate over any MSE wall geosynthetic reinforcement, pull reinforcement taut so that it is in tension and free of kinks, folds, wrinkles or creases.

For Type 1 and 1A approach fills, place pipe sleeves in wing walls so water drains towards outlets. Use sleeves that can withstand wing wall loads. Insert outlet pipes into pipe sleeves to direct water towards outlets. Attach hardware cloth in front of the outlet pipe at the wing. Connect outlet pipes and fittings with solvent cement in accordance with Article 815-3 of the *Standard Specifications* and place outlet pads in accordance with *Roadway Standard Drawing* No. 815.03.

Attach separation geotextiles to end bent cap backwalls and wing walls with adhesives, tapes or other approved methods. Overlap adjacent geotextiles of the same type at least 18 inches. Cover select material or aggregate with Type 4a geotextile at an elevation 6 inches below the bridge approach slab. Hold geotextiles in place with wire staples or anchor pins as needed. Contact the Engineer when existing or future obstructions such as foundations, pavements, pipes, inlets or utilities will interfere with geotextiles or MSE wall reinforcement.

For Type 1A and 2A approach fills, install temporary geotextile walls as shown in *Roadway Standard Drawing* No. 423.02 or 423.04. At the Contractor's option, construct the bottom portion of integral end bents before temporary geotextile walls as shown in the plans. Erect and set welded wire facing for temporary geotextile walls so facing functions as a form for the integral end bent cap backwall. Place welded wire facing adjacent to each other in the horizontal and vertical directions to completely cover the temporary geotextile wall face. Stagger welded wire facing to create a running bond by centering facing over joints in the row below. Wrap reinforcement geotextiles at the wall face in accordance with *Roadway Standard Drawing* No. 423.02 or 423.04 and cover geotextiles with at least 3 inches of select material or aggregate. Place layers of reinforcement geotextiles within 3 inches of locations shown in *Roadway Standard Drawing* No. 423.02 or 423.04. Install reinforcement geotextiles with the direction shown in *Roadway Standard Drawing* No. 423.02 or 423.04. Orient overlapping seams in reinforcement geotextiles perpendicular to the integral end bent cap backwall. Do not overlap reinforcement geotextiles so seams are parallel to the wall face. Before placing select material or aggregate over reinforcement geotextiles, pull geotextiles taut so they are in tension and free of kinks, folds, wrinkles or creases. Temporary geotextile walls are designed for a surcharge pressure in accordance with *Roadway Standard Drawing* No. 423.02 or 423.04. If loads from construction equipment will be more than what the wall is designed for, contact the Engineer before positioning equipment on top of temporary geotextile walls.

Place select material or aggregate in 6 inch to 8 inch thick lifts. Compact fine aggregate for Type 2 and 2A approach fills in accordance with Subarticle 235-3(C) of the *Standard Specifications* except compact fine aggregate to a density of at least 98%. Compact select material for Type 1 and 1A approach fills and coarse aggregate for Type 2 and 2A approach fills with at least 4 passes of a trench roller in a direction parallel to the end bent cap backwall. Do not displace or damage geosynthetics or MSE wall reinforcement when placing and compacting select material or aggregate. End dumping directly on geosynthetics is not permitted. Do not operate heavy equipment on geosynthetics until they are covered with at least 8 inches of select material or aggregate. Replace any damaged geosynthetics to the satisfaction of the Engineer. When approach fills extend beyond bridge approach slabs, wrap Type 4a geotextiles over select material or aggregate and back under approach slabs as shown in *Roadway Standard Drawing* No. 423.03 or 423.04.

Measurement and Payment

Type 1 and 1A approach fills will be paid for at the contract lump sum price for *Type 1 Bridge Approach Fill, Station _____* and Type 2 and 2A approach fills will be paid for at the contract lump sum price for *Type 2 Bridge Approach Fill, Station _____*. The lump sum price for each approach fill will be full compensation for providing labor, tools, equipment and approach fill materials, excavating, backfilling, hauling and removing excavated materials, installing wall facing, geotextiles and outlets, compacting backfill and supplying select material, aggregate, geotextiles, pipe sleeves, outlet pipes and pads and any incidentals necessary to construct approach fills behind bridge end bents.

Compensation for the material placed within the temporary 1.5:1 (H:V) fill slopes will be made in accordance with Section 225, 226, or 230 of the *Standard Specifications*. The cost of removal, including excavating, hauling, placement, and compaction of the material elsewhere on or off the project will be included in the contract lump sum price for *Type 1 Bridge Approach Fill, Station _____*.

The contract lump sum price for *Type 2 Bridge Approach Fill, Station _____* will also be full compensation for supplying and connecting MSE wall reinforcement to end bent caps but not designing MSE wall reinforcement and connectors. The cost of designing reinforcement and connectors for Type 2 approach fills behind bridge end bents with MSE abutment walls will be incidental to the contract unit price for *MSE Retaining Wall No. _____*.

Payment will be made under:

Pay Item

Type 1 Bridge Approach Fill, Station _____
Type 2 Bridge Approach Fill, Station _____

Pay Unit

Lump Sum
Lump Sum

County: ASHE

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	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0005	0194000000-E	265	SELECT GRANULAR MATERIAL, CLASS III	50 CY		
0006	0223000000-E	275	ROCK PLATING	481 SY		
0007	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	10 TON		
0008	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	30 SY		
0009	0335200000-E	305	15" DRAINAGE PIPE	20 LF		
0010	0335300000-E	305	18" DRAINAGE PIPE	28 LF		
0011	0344000000-E	310	18" SIDE DRAIN PIPE	2 LF		
0012	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	40 LF		
0013	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	50 TON		
0014	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	50 SY		
0015	1121000000-E	520	AGGREGATE BASE COURSE	98 TON		
0016	1220000000-E	545	INCIDENTAL STONE BASE	100 TON		
0017	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	220 TON		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	200 TON		
0019	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	25 TON		
0020	2022000000-E	815	SUBDRAIN EXCAVATION	44.8 CY		
0021	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	200 SY		
0022	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	33.6 CY		
0023	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	200 LF		
0024	2070000000-N	815	SUBDRAIN PIPE OUTLET	1 EA		
0025	2077000000-E	815	6" OUTLET PIPE	6 LF		
0026	2253000000-E	840	PIPE COLLARS	0.447 CY		
0027	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	2 EA		
0028	2364200000-N	840	FRAME WITH TWO GRATES, STD 840.20	1 EA		
0029	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	1 EA		
0030	2556000000-E	846	SHOULDER BERM GUTTER	35 LF		
0031	3030000000-E	862	STEEL BEAM GUARDRAIL	62.5 LF		
0032	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	100 LF		
0033	3180000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE ***** TYPE III SHOP CURVED	2 EA		
0034	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	2 EA		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	2 EA		
0036	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	2 EA		
0037	3635000000-E	876	RIP RAP, CLASS II	205 TON		
0038	3649000000-E	876	RIP RAP, CLASS B	15 TON		
0039	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	855 SY		
0040	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	10 LF		
0041	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) E	1 EA		
0042	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	7 EA		
0043	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	1 EA		
0044	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	104 SF		
0045	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	144 SF		
0046	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	30 SF		
0047	4430000000-N	1130	DRUMS	30 EA		
0048	4445000000-E	1145	BARRICADES (TYPE III)	60 LF		
0049	4455000000-N	1150	FLAGGER	20 DAY		
0050	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	1,900 LF		
0051	4891000000-E	1205	GENERIC PAVEMENT MARKING ITEM INTEGRATED MULTIPOLYMER PAVEMENT MARKING LINES, 4", 90 MILS	1,900 LF		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	6000000000-E	1605	TEMPORARY SILT FENCE	1,325 LF		
0053	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	90 TON		
0054	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	150 TON		
0055	6012000000-E	1610	SEDIMENT CONTROL STONE	250 TON		
0056	6015000000-E	1615	TEMPORARY MULCHING	1 ACR		
0057	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	100 LB		
0058	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	0.5 TON		
0059	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0060	6029000000-E	SP	SAFETY FENCE	260 LF		
0061	6030000000-E	1630	SILT EXCAVATION	240 CY		
0062	6036000000-E	1631	MATTING FOR EROSION CONTROL	4,000 SY		
0063	6037000000-E	1629	COIR FIBER MAT	100 SY		
0064	6042000000-E	1632	1/4" HARDWARE CLOTH	305 LF		
0065	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	80 SY		
0066	6070000000-N	1639	SPECIAL STILLING BASINS	6 EA		
0067	6071002000-E	1642	FLOCCULANT	25 LB		
0068	6071010000-E	1642	WATTLE	30 LF		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0069	6084000000-E	1660	SEEDING & MULCHING	3 ACR		
0070	6087000000-E	1660	MOWING	3 ACR		
0071	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0072	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0073	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB		
0074	6108000000-E	1665	FERTILIZER TOPDRESSING	0.75 TON		
0075	6111000000-E	SP	IMPERVIOUS DIKE	48 LF		
0076	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0077	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	12 EA		
0078	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	1 EA		
0079	6123000000-E	1670	REFORESTATION	0.1 ACR		
0080	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	3 EA		
0102	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STATION 15+15.50 -L-	Lump Sum	L.S.	
STRUCTURE ITEMS						
0081	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** 15+15.50 -L-	Lump Sum	L.S.	
0082	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** 15+15.50 -L-	Lump Sum	L.S.	

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0083	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.	
0085	8111200000-E	411	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER	14.85 LF		
0086	8113000000-N	411	SID INSPECTIONS	1 EA		
0087	8114000000-N	411	SPT TESTING	1 EA		
0088	8115000000-N	411	CSL TESTING	1 EA		
0089	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** 15+15.50 -L-	Lump Sum	L.S.	
0090	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	60 CY		
0091	8217000000-E	425	REINFORCING STEEL (BRIDGE)	15,955 LB		
0092	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	1,282 LB		
0093	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES HP 12 x 53	5 EA		
0094	8364000000-E	450	HP 12 X 53 STEEL PILES	100 LF		
0095	8391000000-N	450	STEEL PILE POINTS	5 EA		
0096	8505000000-E	460	VERTICAL CONCRETE BARRIER RAIL	230 LF		
0097	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	393 TON		
0098	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	437 SY		
0099	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0100	8753100000-E	430	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS	1,035 LF		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0101	8108000000-E	411	***-*** DIA DRILLED PIERS 3'-0"	40.75 LF		

1608/Oct07/Q34295.547/D460166512000/E101

Total Amount Of Bid For Entire Project :