



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. R. "JOEY" HOPKINS
SECRETARY

February 27, 2024

ADDENDUM NUMBER 1

Division Eleven

Contract No.: DK00319
WBS: 17BP.11.R.131
County: Ashe
Location: Bridge NO. 040122 over North Fork New River on SR 1549 (Garvey Bridge Road)
Type of Work: Grading, Drainage, Paving, and Structure
Letting: March 7, 2024

To Whom It May Concern:

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

The following revision have been made to the Roadway Plans.

Sheet Number	Revision
1-A	2024 Roadway English Standard Drawings list: Addition of STD NO. 840.39 Steel Grate and Frame – Bicycle Safe and STD NO. 840.36 Traffic Bearing Grated Drop Inlet – For Steel (840.37) Double Frame and Grates Removal of STD NO. 840.35 Traffic Bearing Grated Drop Inlet – for Cast Iron Double Frame and Grates and STD NO. 840.37 Steel Grate and Frame
3D-1	Sheet revised to reflect quantity revisions shown below

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

The following revisions have been made to the proposal.

Page Number	Revision
Proposal Cover	Note added that reads: "Includes Addendum Number 1 – Dated 02-27-2024"

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

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

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

<u>Item</u>	<u>Section</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	7 EA	Deleted
2472000000-N	840	GENERIC DRAINAGE ITEM (STEEL FRAME WITH TWO GRATES - BICYCLE SAFE, STD 840.39	0	7 EA

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.

This revision is reflected on the Proposal and Plans 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,

DocuSigned by:
Bethany Elmore
ED2EB0CF5B9342E...

Bethany Elmore, PE
Division Contract Engineer

CC: Michael Poe, PE, Division Engineer
Ivan Dishman, PE, Division Construction Engineer
Brandon Whitaker, PE, Division Maintenance Engineer
Ramie Shaw, PE, Division Program Development Engineer
Rob Weisz, PE, Division Bridge Program Manager

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION 11

PROPOSAL

INCLUDES ADDENDUM NUMBER 1 - DATED 02-27-2024

DATE AND TIME OF BID OPENING: MARCH 7, 2024 AT 2:00 PM

CONTRACT ID: DK00319

WBS ELEMENT NO.: 17BP.11.R.131

FEDERAL AID NO.: STATE FUNDED

COUNTY: ASHE COUNTY

MILES: 0.078

ROUTE NO.: SR 1549 (GARVEY BRIDGE ROAD)

**LOCATION: BRIDGE NO. 040122 OVER NORTH FORK NEW RIVER ON SR
1549 (GARVEY BRIDGE ROAD)**

TYPE OF WORK: GRADING, DRAINAGE, PAVING, 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.

THIS IS A STRUCTURE PROJECT.

BID BOND IS REQUIRED.

NAME OF BIDDER

ADDRESS OF BIDDER

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	0057000000-E	226	UNDERCUT EXCAVATION	100 CY		
0006	0194000000-E	265	SELECT GRANULAR MATERIAL, CLASS III	100 CY		
0007	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	600 SY		
0008	0248000000-N	SP	GENERIC GRADING ITEM TYPE 1 BRIDGE APPROACH FILL, STA. 11+66.00 -L-	Lump Sum	L.S.	
0009	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	30 TON		
0010	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	90 SY		
0011	0335200000-E	305	15" DRAINAGE PIPE	100 LF		
0012	0335850000-E	305	*** DRAINAGE PIPE ELBOWS (15")	10 EA		
0013	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	80 LF		
0014	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	88 LF		
0015	0995000000-E	340	PIPE REMOVAL	32 LF		
0016	1099500000-E	505	SHALLOW UNDERCUT	100 CY		
0017	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	190 TON		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	1121000000-E	520	AGGREGATE BASE COURSE	11 TON		
0019	1220000000-E	545	INCIDENTAL STONE BASE	175 TON		
0020	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	130 TON		
0021	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	400 TON		
0022	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	31 TON		
0023	2264000000-E	840	PIPE PLUGS	0.13 CY		
0024	2275000000-E	SP	FLOWABLE FILL	1.4 CY		
0025	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	8 EA		
0026	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	1 EA		
0028	2556000000-E	846	SHOULDER BERM GUTTER	267 LF		
0029	3030000000-E	862	STEEL BEAM GUARDRAIL	50 LF		
0030	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	37.5 LF		
0031	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0032	3180000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE ***** (TYPE III, SC)	3 EA		
0033	3195000000-N	862	GUARDRAIL END UNITS, TYPE AT-1	1 EA		
0034	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	1 EA		
0035	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	3 EA		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0036	3635000000-E	876	RIP RAP, CLASS II	115 TON		
0037	3642000000-E	876	RIP RAP, CLASS A	40 TON		
0038	3649000000-E	876	RIP RAP, CLASS B	6 TON		
0039	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	1,320 SY		
0040	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	787 SF		
0041	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	96 SF		
0042	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	98 SF		
0043	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2 EA		
0044	4430000000-N	1130	DRUMS	20 EA		
0045	4435000000-N	1135	CONES	20 EA		
0046	4445000000-E	1145	BARRICADES (TYPE III)	48 LF		
0047	4455000000-N	1150	FLAGGER	160 DAY		
0048	6000000000-E	1605	TEMPORARY SILT FENCE	1,155 LF		
0049	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	150 TON		
0050	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	240 TON		
0051	6012000000-E	1610	SEDIMENT CONTROL STONE	435 TON		
0052	6015000000-E	1615	TEMPORARY MULCHING	0.5 ACR		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0053	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	100 LB		
0054	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	0.5 TON		
0055	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0056	6029000000-E	SP	SAFETY FENCE	320 LF		
0057	6030000000-E	1630	SILT EXCAVATION	450 CY		
0058	6036000000-E	1631	MATTING FOR EROSION CONTROL	1,015 SY		
0059	6037000000-E	1629	COIR FIBER MAT	270 SY		
0060	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	80 SY		
0061	6042000000-E	1632	1/4" HARDWARE CLOTH	335 LF		
0062	6048000000-E	SP	FLOATING TURBIDITY CURTAIN	210 SY		
0063	6070000000-N	1639	SPECIAL STILLING BASINS	12 EA		
0064	6071002000-E	1642	FLOCCULANT	45 LB		
0065	6084000000-E	1660	SEEDING & MULCHING	0.5 ACR		
0066	6087000000-E	1660	MOWING	0.5 ACR		
0067	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB		
0068	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0069	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB		

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0070	6108000000-E	1665	FERTILIZER TOPDRESSING	0.5 TON		
0071	6111000000-E	SP	IMPERVIOUS DIKE	40 LF		
0072	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0073	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	25 EA		
0074	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	2 EA		
0097	2472000000-N	840	GENERIC DRAINAGE ITEM (STEEL FRAME WITH TWO GRATES - BICYCLE SAFE, STD 840.39)	7 EA		
STRUCTURE ITEMS						
0075	8017000000-N	SP	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (11+66.00 -L-)	Lump Sum	L.S.	
0076	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (11+66.00 -L-)	Lump Sum	L.S.	
0077	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.	
0078	8105540000-E	411	3'-6" DIA DRILLED PIERS IN SOIL	27.5 LF		
0079	8105640000-E	411	3'-6" DIA DRILLED PIERS NOT IN SOIL	47 LF		
0080	8111400000-E	411	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER	32.4 LF		
0081	8113000000-N	411	SID INSPECTIONS	2 EA		
0082	8115000000-N	411	CSL TESTING	2 EA		
0083	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (11+66.00 -L-)	Lump Sum	L.S.	

County: ASHE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0084	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	105 CY		
0085	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (11+66.00 -L-)	Lump Sum	L.S.	
0086	8217000000-E	425	REINFORCING STEEL (BRIDGE)	25,009 LB		
0087	8238000000-E	425	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)	3,166 LB		
0088	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (10)	10 EA		
0089	8384000000-E	450	HP 14 X 73 STEEL PILES	175 LF		
0090	8391000000-N	450	STEEL PILE POINTS	10 EA		
0091	8394000000-N	450	DYNAMIC PILE TESTING	1 EA		
0092	8505000000-E	460	VERTICAL CONCRETE BARRIER RAIL	540.5 LF		
0093	8608000000-E	876	RIP RAP CLASS II (2'-0" THICK)	365 TON		
0094	8622000000-E	876	GEOTEXTILE FOR DRAINAGE	407 SY		
0095	8657000000-N	430	ELASTOMERIC BEARINGS	Lump Sum	L.S.	
0096	8753100000-E	430	3'-0" X 2'-9" PRESTRESSED CONC BOX BEAMS	2,700 LF		

0925/Feb27/Q43171.18/D445138832000/E96

Total Amount Of Bid For Entire Project :

PROJECT REFERENCE NO. 17BP11R131	SHEET NO. 1-A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 040878 MARY E. MAYS Mary E. Mays, P.E.	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SHEET NUMBER	INDEX OF SHEETS
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1-B	CONVENTIONAL SYMBOLS
2A-1	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2C-1	TYPE III SC STRUCTURE ANCHOR UNIT
2D-1	DRAINAGE DETAILS
3B-1	ROADWAY SUMMARIES
3D-1	DRAINAGE SUMMARY TABLE
4 THRU 5	PLAN AND PROFILE SHEET
RW01 THRU RW04	SURVEY CONTROL, RIGHT OF WAY SHEETS
TMP-1 THRU TMP-7	TRAFFIC MANAGEMENT PLANS
EC-1 THRU EC-5	EROSION CONTROL PLANS
UO-1 THRU UO-2	UTILITIES BY OTHERS PLANS
X-1 THRU X-23	CROSS-SECTIONS
S-1 THRU S-24	STRUCTURE PLANS

2024 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. 01-16-2024
REV.

The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
225.06	Method of Grading Sight Distance at Intersections
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
310.10	Driveway Pipe Construction
DIVISION 4 - MAJOR STRUCTURES	
423.01	Bridge Approach Fills - Type 1 Approach Fill for Bridge Abutment
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
DIVISION 8 - INCIDENTALS	
840.00	Concrete Base Pad for Drainage Structures
840.18	Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.24	Frames and Narrow Slot Sag Grates
840.25	Anchorage for Frames - Brick or Concrete or Precast
840.27	Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.36	Traffic Bearing Grated Drop Inlet - for Steel (840.37) Double Frame and Grates
840.39	Steel Grate and Frame - Bicycle Safe
840.45	Precast Drainage Structure
840.46	Traffic Bearing Precast Drainage Structure
840.66	Drainage Structure Steps
840.71	Concrete and Brick Pipe Plug
846.01	Concrete Curb, Gutter and Curb & Gutter
846.04	Drop Inlet Installation in Shoulder Berm Gutter
848.04	Street Turnout
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units
876.02	Guide for Rip Rap at Pipe Outlets
876.03	Drainage Ditches with Class 'A' Rip Rap

GENERAL NOTES: 2024 SPECIFICATIONS
EFFECTIVE: 01-16-2024
REVISED:

GRADE LINE:
GRADING AND SURFACING:
THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD 11.

SUPERELEVATION:
ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SHOULDER CONSTRUCTION:
ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01

SIDE ROADS:
THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

GUARDRAIL:
THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

TEMPORARY SHORING:
SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

END BENTS:
THE ENGINEER SHALL CHECK THE STRUCTURE END BENT PLANS, DETAILS, AND CROSS-SECTION PRIOR TO SETTING OF THE SLOPE STAKES FOR THE EMBANKMENT OR EXCAVATION APPROACHING A BRIDGE.

UTILITIES:
UTILITY OWNERS ON THIS PROJECT ARE BLUE RIDGE EMC - POWER,
SKYLINE TELECOMMUNICATIONS - TELEPHONE & FO.
ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

RIGHT-OF-WAY MARKERS:
ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS.

8/17/99

2/26/2024
R:\Projects\2024\17BP11R131\Drawings\1-A.dgn

RK&K
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