



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

January 23, 2025

ADDENDUM # 2

Contract No. DN01075
TIP No.: N/A
Federal Aid No.: Helene
WBS Number: 18314.1045012; 18314.1045013; 18314.1045014;
18314.1045015; 18314.1045016; 18314.1045018; 18314.1045019;
18314.1045020; 18314.1045021; 18314.1045100
County: Henderson
Description: Emergency Repair: Drainage, Erosion Control, Grade, Pave, Pavement
Marking, Traffic Control, Wall on US 176 (Spartanburg Highway) At
MM 5.42 (0.04 Miles S. of Abbe Farm Ln) And MM 9.01 (0.15 Miles
W. of Polk County Line) In Henderson County

Letting Date: January 28, 2025

Plan Holders

Content Summary: Bidders Questions/Concerns, Associated Department Responses and Associated Pay Item Revisions, Pre-bid Attendance Roster, Pre-bid Meeting Minutes and Associated Clarifications, Other Pay Item and Provision Revisions, Addition of Moratorium provision

Bidders have posed the questions shown below and the Department has provided the associated responses:

Question/Concern 1: The soil nail retaining wall with shotcrete plan pages shows both micro piles and soil nails. The special provisions mention the use of micropiles. What pay item should cover the cost to provide and install micropiles? Currently there are pay items for soil nails but no micro piles.

Department Response 1: The following pay items have been added to the proposal (See the attached revised pay item sheets; the ebsx addendum file has been uploaded to Bid Express):

- **MICROPILE, AVG LENGTH (10')** **12 EA**
- **MICROPILE, ADD'L LENGTH OVER AVG** **20 LF**
- **MICROPILE PROOF TEST** **2 EA**

Question/Concern 2: The soil nail retaining wall with shotcrete plan pages and slope stabilization grade beam plan pages show the installation of a class A concrete grade beam. What pay item should cover the cost to provide and install the class A concrete? This question does not refer to shotcrete, the shotcrete is detailed to be applied to the front face of the wire baskets and soil nails.

Department Response 2: The answer to this question can be found on page GT-1.7 of the proposal, under 7.0 Measurement and Payment.

Question/Concern 3: There is only a pay item for guardrail, no post. Shall the post be incidental to the guardrail installation?

Department Response 3: Please refer to the 2024 NCDOT Roadway Standard Drawings, Index 862 for guardrail information, as well as Details in lieu of Standards at the following link: [2024 Roadway Standard Drawings](#) to see the pay limits and materials for the installation of this system; guardrail pays as a system which includes the posts, offset block, hardware, etc.... We only pay separately for Additional Posts or Extra Length Posts, when those are included in the pay items.

Question/Concern 4: If posts are required, will concrete be required to be placed in the bored holes for the post?

Department Response 4: The posts are typically driven into the ground using a specialized machine, concrete is not used. Should a situation arise, that would require concrete, then a supplemental agreement would be negotiated with the Department.

Question/Concern 5: The cover page for the plans shows the coordinates for five work areas. The individual quantity pages show quantities for ten work areas. Please clarify.

Department Response 5: This contract includes ten sites in total. The cover page of the GEU details highlights five of these sites, as they require geotechnical details and provisions. For additional information, please refer to the Maps MM (Mile Markers) on the SOQ (Summary of Quantities). Addendum # 1, for this project included a .kmz file which takes you to a map that shows the location. Also, below is a list of the coordinates for all ten sites:

SITE NUMBER	WBS	LATITUDE	LONGITUDE
201	18314.1045012	35.24796407207404	-82.40425027914569
202	18314.1045013	35.248579974319085	-82.40186294548437
203	18314.1045014	35.24749288338725	-82.40149782978222
204	18314.1045015	35.23367820776555	-82.3904007767163
205	18314.1045016	35.23589597552571	-82.38455758437736
211	18314.1045018	35.23624751254472	-82.36793132506531
212	18314.1045019	35.2361969696686	-82.36496723264676
213	18314.1045020	35.23611943706426	-82.36248275272767
207	18314.1045021	35.237857467859	-82.37538266038369
946	18314.1045100	35.24881868556696	-82.40699165431916

Question/Concern 6: Could the owner provide a location for maps 202,207,211, 212, and 213?

Department Response 6: See Department Response 5 above.

Question/Concern 7: Are any cross sections or profiles available for the grading?

Department Response 7: There are no cross-sections or profiles available for the grading.

Question/Concern 8: The Special provisions for “wire mesh slope stabilization” list a separate pay item for this scope of work. This pay item has not been provided. Please clarify.

Department Response 8: The pay item for wire mesh slope stabilizations has been added to the proposal (see revised bid items list – attached).

Question/Concern 9: The Special provisions for “standard shoring” and “temporary soil nail walls” list a separate pay item for temporary shoring. This pay item has not been provided. Please clarify.

Department Response 9: If a pay item does not appear in the bid items list, then this may not be used. The provision was written to include both for expediency.

Question/Concern 10: Could the soil nail quantities for DN01075 be verified? Itemized sheets T-3 & T-4 show 16 soil nail proof tests with only 12 soil nails.

Department Response 10: A pay item for Wire Mesh Slope Stabilization has been added; the associated provision calls for the Soil Nail Proof Tests, so the quantity

remains unchanged. Some Soil Nail Proof Tests will be for the Soil Nail Walls, and some will be used for Wire Mesh Slope Stabilization.

Question/Concern 11: Can roadway repair lengths (LF) be provided for each site (site # 201, 203, 204, 205 & 946)? Are approximate repair heights known?

Department Response 11: See attached table titled DN01075 Damage Areas for Repair - Height and Length.

The following pay items have been revised (see the revised bid items sheets – attached):

- 0063000000-N SP GRADING Lump Sum has been deleted and 0043000000-N 226 LS GRADING has been added in its place.
- 0106000000-E 230 BORROW EXCAVATION has been deleted as a line item but has been incorporated into 0043000000-N 226 LS GRADING.
- 0156000000-E 250 REMOVAL OF EXISTING ASPHALT PAVEMENT has been deleted as a line item but has been incorporated into 0043000000-N 226 LS GRADING.
- 8848000000-E SP WIRE MESH SLOPE STABILIZATION has been added, 278 SY.
- 8848000000-E SP GEOTEXTILE FOR TEMPORARY WALL has been added, 278 SY.
- 8834000000-N SP MICROPILE, AVG LENGTH has been added, 12 EA.
- 8834000000-N SP MICROPILE PROOF TESTS has been added, 2 EA.
- 8839000000-E SP MICROPILE ADDITIONAL LENGTH OVER AVERAGE has been added, 20 LF.

The pre-bid meeting minutes and attendance roster are attached. The following corrections / clarifications have been made to the minutes:

- Under “General Comments,” “Material behind baskets paid as borrow.” This should read **“Material behind baskets paid as lump sum grading.”**
- Under “General Comments,” “Questions,” the revised answer to “What control to use?” should be **Those items listed in the bid items sheets. Should the need for impervious dike or turbidity curtains arise, these will be addressed with a supplemental agreement.**

Addition of Provision **SP1 G18C CONSTRUCTION MORATORIUM** on page **G-5** of the Proposal.

Revision of Provision **SP1 G37 SPECIALTY ITEMS** on page **G-6** of the Proposal


Attached is the revised Summary of Quantities (SOQ) sheets which reflects materials and quantities changes mentioned above.

Please access ebsx addenda files, DN01075.001x. on Bid Express®.

Thank you for your attention to this matter.

If you have any questions, please contact the Division Proposal Engineer at (828) 331-5200.

Sincerely,

DocuSigned by:

29BD93927CF24F6...

Jeanette L. White, P.E.
Division 14 Project Team Lead

DN01075 Damage Areas for Repair - Height and Length

SITE NUMBER	WBS	COUNTY NUMBER	ROUTE NUMBER	ROAD NAME	ROADWAY REPAIR LENGTH	APPROXIMATE REPAIR HEIGHT	SITE CONFIGURATION	LATITUDE	LONGITUDE
201	18314.10450120	45	176	Spartanburg	100	40	FHWA	35.24796407207404	-82.40425028
203	18314.10450140	45	176	Spartanburg	150	50	FHWA	35.24749288338725	-82.40149783
204	18314.10450150	45	176	Spartanburg	500	8	FHWA	35.23367820776555	-82.39040078
205	18314.10450160	45	176	Spartanburg	25	8	FHWA	35.23589597552571	-82.38455758
946	18314.10451000	45	176	Spartanburg	30	10	FHWA	35.24881868556696	-82.40699165

County: HENDERSON

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.	
0005	0134000000-E	240	DRAINAGE DITCH EXCAVATION	542 CY		
0007	0222000000-E	SP	GEOTEXTILE FOR ROCK EMBANKMENTS	805 SY		
0008	0314000000-E	SP	SELECT MATERIAL, CLASS ***** (VII)	1,035 TON		
0009	1077000000-E	SP	#57 STONE	230 TON		
0010	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	120 TON		
0011	1111000000-E	SP	CLASS IV AGGREGATE STABILIZATION	30 TON		
0012	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	75 SY		
0013	1121000000-E	520	AGGREGATE BASE COURSE	78 TON		
0014	1220000000-E	545	INCIDENTAL STONE BASE	110 TON		
0015	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	68 TON		
0016	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	35 TON		
0017	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	5 TON		
0018	3030000000-E	862	STEEL BEAM GUARDRAIL	1,105 LF		
0019	3360000000-E	863	REMOVE EXISTING GUARDRAIL	1,105 LF		
0020	3635000000-E	876	RIP RAP, CLASS II	970 TON		

County: HENDERSON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0021	3642000000-E	876	RIP RAP, CLASS A	230 TON		
0022	3649000000-E	876	RIP RAP, CLASS B	230 TON		
0023	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	50.5 SF		
0024	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	86 LF		
0025	4102000000-N	904	SIGN ERECTION, TYPE E	6 EA		
0026	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	6 EA		
0027	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	208 SF		
0028	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	208 SF		
0029	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	3 EA		
0030	4424500000-N	SP	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM	1 EA		
0031	4430000000-N	1130	DRUMS	190 EA		
0032	4455000000-N	1150	FLAGGER	95 DAY		
0033	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	2 EA		
0034	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	500 LF		
0035	4510000000-N	1190	LAW ENFORCEMENT	189 HR		
0036	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	840 LF		
0037	6000000000-E	1605	TEMPORARY SILT FENCE	625 LF		

County: HENDERSON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0038	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	130 TON		
0039	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	115 TON		
0040	6012000000-E	1610	SEDIMENT CONTROL STONE	130 TON		
0041	6029000000-E	SP	SAFETY FENCE	100 LF		
0042	6030000000-E	1630	SILT EXCAVATION	10 CY		
0043	6036000000-E	1631	MATTING FOR EROSION CONTROL	10,450 SY		
0044	6042000000-E	1632	1/4" HARDWARE CLOTH	125 LF		
0045	6071010000-E	1642	WATTLE	300 LF		
0046	6084000000-E	1660	SEEDING & MULCHING	3.9 ACR		
0047	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	22 EA		
0048	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	1 EA		
0049	6138000000-E	SP	GENERIC EROSION CONTROL ITEM VEGETATIVE DEBRIS REMOVAL AND DISPOSAL	215 CY		
0050	8252000000-E	425	REINFORCING STEEL (RETAINING WALL)	1,200 LB		
0051	8802015110-N	SP	SOIL NAIL PROOF TESTS	16 EA		
0052	8834000000-N	SP	GENERIC RETAINING WALL ITEM SOIL NAIL, AVERAGE LENGTH	12 EA		
0053	8834000000-N	SP	GENERIC RETAINING WALL ITEM WIRE BASKET FORMS	250 EA		
0054	8839000000-E	SP	GENERIC RETAINING WALL ITEM GEOCOMPOSITE DRAINS	300 LF		

County: HENDERSON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0055	8839000000-E	SP	GENERIC RETAINING WALL ITEM SOIL NAIL, ADDITIONAL LENGTH OVER AVERAGE	20 LF		
0056	8853000000-E	SP	GENERIC RETAINING WALL ITEM SHOTCRETE	8 CY		
0057	8834000000-N	SP	GENERIC RETAINING WALL ITEM MICROPILE, AVG LENGTH	12 EA		
0058	8834000000-N	SP	GENERIC RETAINING WALL ITEM MICROPILE PROOF TESTS	2 EA		
0062	8848000000-E	SP	GENERIC RETAINING WALL ITEM WIRE MESH SLOPE STABILIZATION	278 SY		
0063	8848000000-E	SP	GENERIC RETAINING WALL ITEM GEOTEXTILE FOR TEMPORARY WALL	288 SY		
0064	0043000000-N	226	GRADING	Lump Sum	L.S.	
0065	8839000000-E	SP	GENERIC RETAINING WALL ITEM MICROPILE ADDITIONAL LENGTH OVER AVERAGE	20 LF		

1802/Jan23/Q23793.4/D274675225110/E59

Total Amount Of Bid For Entire Project :



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

January 22, 2025

CONTRACT NO.: DN01075
TIP NO.: N/A
FEDERAL: Helene
WBS: 18314.1045012, 18314.1045013, 18314.1045014, 18314.1045015,
18314.1045016, 18314.1045018, 18314.1045019, 18314.1045020,
18314.1045021, 18314.1045100
COUNTY: Henderson
DESCRIPTION: Emergency Repair: Drainage, Erosion Control, Grade, Pave, Pavement
Marking, Traffic Control, Wall
LOCATION: On Us 176 (Spartanburg Highway) at MM 5.42 (0.04 Miles S. of Abbe
Farm Ln) and MM 9.01 (0.15 Miles W. of Polk County Line) in
Henderson County

SUBJECT: Mandatory Prebid Meeting

A mandatory Prebid meeting was held on site along US 176 for the above reference project was held from 11:05am - 11:55am.

Attendees: Company:

All Contractors are attached.

Patrick Eubanks	NCDOT
Mike Patton	RK&K
Kevin Mitchell	NCDOT
Kevin Barnett	NCDOT
Justin Brook	GBI
Lee Sheppard	NCDOT
Reid Whitehead	NCDOT
Dean Hardister	NCDOT
Donald Pope	NCDOT
Jonathan Almond	NCDOT

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
OFFICE OF RESIDENT ENGINEER
4142 HAYWOOD ROAD
MILLS RIVER, NC 28759

Telephone: (828) 891-5367
Fax: (828) 891-8842
Customer Service: 1-877-368-4968

Location:
4142 HAYWOOD ROAD
MILLS RIVER, NC 28759

Website: www.ncdot.gov

General Items:

10 Locations throughout US 176

Contractor's Plan of Operation Start Date:

N/A

Contract Time:

Date of Availability:	February 24, 2025
Completion Date:	March 27, 2026
Begin Work Date:	N/A
Original Calendars to Complete:	397

ICT 1:

Date of Availability:	February 24, 2025
Completion Date:	September 27, 2025
Begin Work Date:	N/A
Original Calendars to Complete:	216

Contract Review:

Patrick Eubanks reviewed the Contract with all parties.

Construction Moratorium:

Trout moratorium has been waived but the bat moratorium is still valid.

General Provisions:

N/A

Traffic Control:

- Always keep a minimum of one lane of traffic open.
- If full roadway closure is needed, to be discussed with DOT prior as to inform the public with ample notice.

Erosion Control Review:

- Refer to best measurement practices.

Utilities:

The Contractor will need to investigate all utilities before beginning work.

General Comments:

- All 10 sites are the same project however use different WBS elements.
- Material behind baskets paid as borrow.
- Grading paid as lump sum, contractor needs to evaluate site and cost.
- Added micropiles, micropiles extra length, micropile proof test, and geotextile for temporary walls.

Questions

- Where does debris need to be hauled to? The Contractor will be responsible for acquiring his/her own site for dumping.
- What about the use of class VII for embankments instead of borrow? Each site will be evaluated separately. If class VII is used the slope can be steepened to a 1.25:1.
- What erosion control to use?
May need to add impervious dike and/or turbidity curtains to line items.
- Pay roll per WBS?
Payroll would be submitted for the entire Contract.
- DBE Goals?
Directed the Contractor to the proposal under section G-10.

Plan Review:

NCDOT staff and all contractors met off US 176. Scoped and discussed prospected sites, including but not limited to roadway sites # 201, 202, 203, 204, 205, 207, 211, 212, 213, and 946. Contractors available to ask questions, see above for any answered questions. Any unanswered questions to be answered and posted to the contract bid site prior to bidding date.

Patrick Eubanks



Engineering Specialist II

Construction Meeting 11:05 11:55 Project Number = DNO1075

NAME	COMPANY	COMPANY ADDRESS	EMAIL	PHONE #
John Pressley	Parrish Contracting	5370 Bryson Rd Franklin NC	MDHolland7@gmail.com	828 735 1014
Ajam Rice	NHM Const	112 Broad Rd Asheville NC	arice@nhmconstruction.com	828-777-0609
Jeremy Ballard	NHM Const	" "	jballard@nhmconstruction.com	828-776-7446
Caleb Johnson	Site Development Corp.	PO Box 397 Cliffside NC 28024	csouthard@sitedevelopmentcorp.com	828-371-2017
Chris Carns	Breccia Construction	211 Business Park Blvd, Columbia, SC 29203	ccarns@brecciaconstruction.com	803-209-0742
Lewis Ironhauer	IKED Construction	PO Box 337 Hendersonville NC 28793 145 Campground Rd Hendersonville	lironhauer@ikedconstruction.com	828 337 6643
DAVE U'TOON	TAG CONTRACTING	PO Box 2155 Old Fort, NC 28762	dutoon@tagcontracting.com	(910) 591-503
Chris Perry	South Mt. Land Work	7398 Conn Hill Road Candler, NC	CPerry4997@gmail.com	252 921 2220
Shawn McClavehan	Natural Irrigators	1929 Stone Hill Rd Abingdon VA 2420	shawn_d_mac@hotmail.com	276 492-1930
Stephen James	Clatham Civil	PO Box 1370 Pittsboro NC 27312	Stephen@clathamcivil.com	919-930-7307
Tom Ely	Burkehan and Sons	Inc. P.O. Box 123 Whittier, NC 28789	estimator@bsi-construction.com	828 497-9720
Shay Eicher	Eclipse Co.	11554 East Washington Street, Charlotte, NC	shay@eclipsecolle.com	330-550-0620
Brennen Thomas	Wurster	34 Carrie Drive Greenville, SC	brennen.thomas@wursterinc.com	704-984-2665
CHRIS BYERS	BRYANTS	159 DEPOT ST BURNSVILLE NC	cbyers@bryantfdi.com	828 329-4650
CVAN	Adams Contracting	Robbisonville NC	adamscontracting3@gmail.com	828-735-3616
Bob Forbes	Ameritech	21 Overland Industrial Blvd, Asheville	bforbes@ameritech.com	828-506-5186
TRU MILLER	GSI	10225 WESTMAR DR BLDG 5, WESTMINSTER CO	dru@gsi.us	601-527-4927
Joseph Hammond	Stewart's Building	3420 NC 8465 Germantown NC 27019	J.Hammond@stewartshinc.com	336-240-8485
Nick Quiss	APAC	1180 Sunolony park HWY candler NC	nick.quiss@hamsoncc.com	(828) 402-0183
Terry Whitson	Branch Civil	3635 Peters Creek Rd Kinnake VA 2408	Terry.Whitson@branchcivil.com	(878) 446-9750
Horton Redhage	Norwin Engneers	7701 Chapel Hill Rd Raleigh NC 27513	Hredhage@NorwinEngneers.com	252-904-8585
Thomas Partin	McCall's Grading	55 Grandma + Grandpa LN Balsam Grove NC 28709	thomas@mcallsgrading.com	828-736-8890
Stevan McPartin	Patton Construction	565 Long Strals Rd AROEN NC 28004	stevan@pattonconstruction.com	828 283 5492

PERMANENT VEGETATION ESTABLISHMENT:

(2-16-12)(Rev. 1-16-24)

104

SP1 G16

Establish a permanent stand of the vegetation mixture shown in the contract. During the period between initial vegetation planting and final project acceptance, perform all work necessary to establish permanent vegetation on all erodible areas within the project limits, as well as, in borrow and waste pits. This work shall include erosion control device maintenance and installation, repair seeding and mulching, supplemental seeding and mulching, mowing, and fertilizer topdressing, as directed. All work shall be performed in accordance with the applicable section of the *Standard Specifications*. All work required for initial vegetation planting shall be performed as a part of the work necessary for the completion and acceptance of the Intermediate Contract Time (ICT). Between the time of ICT and Final Project acceptance, or otherwise referred to as the vegetation establishment period, the Department will be responsible for preparing the required National Pollutant Discharge Elimination System (NPDES) inspection records.

Once the Engineer has determined that the permanent vegetation establishment requirement has been achieved at an 80% vegetation density (the amount of established vegetation per given area to stabilize the soil) and no erodible areas exist within the project limits, the Contractor will be notified to remove the remaining erosion control devices that are no longer needed. The Contractor will be responsible for, and shall correct any areas disturbed by operations performed in permanent vegetation establishment and the removal of temporary erosion control measures, whether occurring prior to or after placing traffic on the project.

Payment for *Response for Erosion Control, Seeding and Mulching, Repair Seeding, Supplemental Seeding, Mowing, Fertilizer Topdressing, Silt Excavation, and Stone for Erosion Control* will be made at contract unit prices for the affected items. Work required that is not represented by contract line items will be paid in accordance with Articles 104-7 or 104-3 of the *Standard Specifications*. No additional compensation will be made for maintenance and removal of temporary erosion control items.

CONSTRUCTION MORATORIUM:

(1-19-16)

SP1 G18C

No tree cutting will be allowed from **APRIL 1** through **OCTOBER 15** of any year.

MAJOR CONTRACT ITEMS:

(2-19-02)(Rev. 1-16-24)

104

SP1 G28

The following listed items are the major contract items for this contract (see Article 104-5 of the *Standard Specifications*):

Line #	Description
0008	SELECT MATERIAL, CLASS VII
0020	RIP RAP, CLASS II
0021	RIP RAP, CLASS A

SPECIALTY ITEMS:

(7-1-95)(Rev. 1-16-24)

108-6

SP1 G37

Items listed below will be the specialty items for this contract (see Article 108-6 of the *Standard Specifications*).

Line #	Description
0023-0026	Signing
0037-0049	Erosion Control

FUEL PRICE ADJUSTMENT:

(11-15-05)(Rev. 1-16-24)

109-8

SP1 G43

Page 1-82, Article 109-8, FUEL PRICE ADJUSTMENTS, add the following:

The base index price for DIESEL #2 FUEL is \$ **2.3148** per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Erosion Control Stone	Gal/Ton	0.55
Rip Rap, Class _____	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	0.90 or 2.90
Asphalt Concrete Intermediate Course, Type _____	Gal/Ton	0.90 or 2.90
Asphalt Concrete Surface Course, Type _____	Gal/Ton	0.90 or 2.90
Open-Graded Asphalt Friction Course	Gal/Ton	0.90 or 2.90
Permeable Asphalt Drainage Course, Type _____	Gal/Ton	0.90 or 2.90
Sand Asphalt Surface Course, Type _____	Gal/Ton	0.90 or 2.90
Ultra-thin Bonded Wearing Course	Gal/Ton	0.90 or 2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
> 11" Portland Cement Concrete Pavement	Gal/SY	0.327
Concrete Shoulders Adjacent to > 11" Pavement	Gal/SY	0.327
9" to 11" Portland Cement Concrete Pavement	Gal/SY	0.272
Concrete Shoulders Adjacent to 9" to 11" Pavement	Gal/SY	0.272
< 9" Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to < 9" Pavement	Gal/SY	0.245

For the asphalt items noted in the chart as eligible for fuel adjustments, the bidder may include the *Fuel Usage Factor Adjustment Form* with their bid submission if they elect to use the fuel usage factor. The *Fuel Usage Factor Adjustment Form* is found at the following link:

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	LANES	LENGTH		BEGIN MP	END MP	8252000000-E	0222000000-E	0314000000-E	1077000000-E	8802015110-N	8834000000-N		8834000000-N		8839000000-E	8839000000-E		8848000000-E	8848000000-E	8853000000-E	
					REINFORCING STEEL (RETAINING WALL)	GEOTEXTILE FOR ROCK EMBANKMENTS			SELECT MATERIAL, CLASS VII	#57 STONE	SOIL NAIL PROOF TESTS	MICROPILE, AVG LENGTH	MICROPILE PROOF TESTS	Soil Nail, Average Length	WIRE BASKET FORMS	MICROPILE ADDITIONAL LENGTH OVER AVERAGE	GEOCOMPOSITE DRAINS	SOIL NAIL, ADD'L LENGTH OVER AVG	WIRE MESH SLOPE STABILIZATION	GEOTEXTILE FOR TEMPORARY WALL	SHOTCRETE			
					MI	FT						EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
18314.1045012	Henderson	201	US-176	2	0.06	24	5.66	5.72	1,200	380	200	50	6	12	2	12	250	20	300	20			8	
TOTAL FOR MAP NO. 201					0.06				1,200	380	200	50	6	12	2	12	250	20	300	20			8	
TOTAL FOR PROJ NO. 18314.1045012					0.06				1,200	380	200	50	6	12	2	12	250	20	300	20			8	
18314.1045013	Henderson	202	US-176	2	0.06	24	5.86	5.92																
TOTAL FOR MAP NO. 202					0.06																			
TOTAL FOR PROJ NO. 18314.1045013					0.06																			
18314.1045014	Henderson	203	US-176	2	0.06	24	5.92	5.98		300	725	150	10									278	288	
TOTAL FOR MAP NO. 203					0.06					300	725	150	10										278	288
TOTAL FOR PROJ NO. 18314.1045014					0.06					300	725	150	10										278	288
18314.1045015	Henderson	204	US-176	2	0.22	24	7.21	7.43																
TOTAL FOR MAP NO. 204					0.22																			
TOTAL FOR PROJ NO. 18314.1045015					0.22																			
18314.1045016	Henderson	205	US-176	2	0.08	24	7.61	7.69																
TOTAL FOR MAP NO. 205					0.08																			
TOTAL FOR PROJ NO. 18314.1045016					0.08																			
18314.1045021	Henderson	207	US-176	2	0.26	24	8.18	8.44																
TOTAL FOR MAP NO. 207					0.26																			
TOTAL FOR PROJ NO. 18314.1045021					0.26																			
18314.1045018	Henderson	211	US-176	2	0.13	24	8.62	8.75																
TOTAL FOR MAP NO. 211					0.13																			
TOTAL FOR PROJ NO. 18314.1045018					0.13																			
18314.1045019	Henderson	212	US-176	2	0.12	24	8.75	8.87																
TOTAL FOR MAP NO. 212					0.12																			
TOTAL FOR PROJ NO. 18314.1045019					0.12																			
18314.1045020	Henderson	213	US-176	2	0.08	24	8.93	9.01		90	80	20												
TOTAL FOR MAP NO. 213					0.08					90	80	20												
TOTAL FOR PROJ NO. 18314.1045020					0.08					90	80	20												
18314.1045100	Henderson	946	US-176	2	0.08	24	5.42	5.5		35	30	10												
TOTAL FOR MAP NO. 946					0.08					35	30	10												
TOTAL FOR PROJ NO. 18314.1045100					0.08					35	30	10												
GRAND TOTAL					1.15					1,200	805	1,035	230	16	12	2	12	250	20	300	20	278	288	8

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	LANES	LENGTH	WIDTH	BEGIN MP	END MP	0000400000-N	0043000000-N	0134000000-E	1099700000-E	1111000000-E	1112000000-E	1121000000-E	1220000000-E	3635000000-E	3642000000-E	3649000000-E	6138000000-E
					MI	FT			CONSTRUCTION SURVEYING	GRADING	DRAINAGE DITCH EXCAVATION	CLASS IV SUBGRADE STABILIZATION	CLASS IV AGGREGATE STABILIZATION	GEOTEXTILE FOR SUBGRADE STABILIZATION	AGGREGATE BASE COURSE	INCIDENTAL STONE BASE	RIP RAP, CLASS II	RIP RAP, CLASS A	RIP RAP, CLASS B	VEGETATIVE DEBRIS REMOVAL AND DISPOSAL
					LS	LS			CY	TON	TON	SY	TONS	TONS	TON	TON	TON	TON	TON	CY
18314.1045012	Henderson	201	US-176	2	0.06	24	5.66	5.72	0.10	0.10		50				10	650	50	50	25
TOTAL FOR MAP NO. 201					0.06				0.10	0.10		50				10	650	50	50	25
TOTAL FOR PROJ NO. 18314.1045012					0.06				0.10	0.10		50				10	650	50	50	25
8314.1045013	Henderson	202	US-176	2	0.06	24	5.86	5.92	0.10	0.10	100					10				
TOTAL FOR MAP NO. 202					0.06				0.10	0.10	100					10				
TOTAL FOR PROJ NO. 18314.1045013					0.06				0.10	0.10	100					10				
18314.1045014	Henderson	203	US-176	2	0.06	24	5.92	5.98	0.10	0.10	50					10		150	150	
TOTAL FOR MAP NO. 203					0.06				0.10	0.10	50					10		150	150	
TOTAL FOR PROJ NO. 18314.1045014					0.06				0.10	0.10	50					10		150	150	
18314.1045015	Henderson	204	US-176	2	0.22	24	7.21	7.43	0.10	0.10	300					10				50
TOTAL FOR MAP NO. 204					0.22				0.10	0.10	300					10				50
TOTAL FOR PROJ NO. 18314.1045015					0.22				0.10	0.10	300					10				50
18314.1045016	Henderson	205	US-176	2	0.08	24	7.61	7.69	0.10	0.10					45	10				30
TOTAL FOR MAP NO. 205					0.08				0.10	0.10					45	10				30
TOTAL FOR PROJ NO. 18314.1045016					0.08				0.10	0.10					45	10				30
18314.1045021	Henderson	207	US-176	2	0.26	24	8.18	8.44	0.10	0.10	30	30				20	200			
TOTAL FOR MAP NO. 207					0.26				0.10	0.10	30	30				20	200			
TOTAL FOR PROJ NO. 18314.1045021					0.26				0.10	0.10	30	30				20	200			
18314.1045018	Henderson	211	US-176	2	0.13	24	8.62	8.75	0.10	0.10	43		30			10				30
TOTAL FOR MAP NO. 211					0.13				0.10	0.10	43		30			10				30
TOTAL FOR PROJ NO. 18314.1045018					0.13				0.10	0.10	43		30			10				30
18314.1045019	Henderson	212	US-176	2	0.12	24	8.75	8.87	0.10	0.10	19					10				50
TOTAL FOR MAP NO. 212					0.12				0.10	0.10	19					10				50
TOTAL FOR PROJ NO. 18314.1045019					0.12				0.10	0.10	19					10				50
18314.1045020	Henderson	213	US-176	2	0.08	24	8.93	9.01	0.10	0.10		40		55	18	10	120	20	20	
TOTAL FOR MAP NO. 213					0.08				0.10	0.10		40		55	18	10	120	20	20	
TOTAL FOR PROJ NO. 18314.1045020					0.08				0.10	0.10		40		55	18	10	120	20	20	
18314.1045100	Henderson	946	US-176	2	0.08	24	5.42	5.5	0.10	0.10				20	15	10		10	10	30
TOTAL FOR MAP NO. 946					0.08				0.10	0.10				20	15	10		10	10	30
TOTAL FOR PROJ NO. 18314.1045100					0.08				0.10	0.10				20	15	10		10	10	30
GRAND TOTAL					1.15				1	1	542	120	30	75	78	110	970	230	230	215

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	LANES	LENGTH	WIDTH	BEGIN MP	END MP	440000000-E	440500000-E	442000000-N	442450000-N	443000000-N	445500000-N	446500000-N	449000000-E	451000000-N	481500000-E	481500000-E
					MI	FT			STATIONARY WORK ZONE SIGN	PORTABLE WORK ZONE SIGN	PORTABLE CHANGEABLE MESSAGE SIGN	TEMPORARY PORTABLE TRAFFIC SIGNAL SYSTEM	DRUMS	FLAGGER (DAILY)	TEMPORARY CRASH CUSHIONS	PORTABLE CONCRETE BARRIER (ANCHORED)	LAW ENFORCEMENT	6" WHITE PAINT	6" YELLOW PAINT
18314.1045012	Henderson	201	US-176	2	0.06	24	5.66	5.72	32	32	1	1	40	15	2	500	40		
TOTAL FOR MAP NO. 201					0.06				32	32	1	1	40	15	2	500	40		
TOTAL FOR PROJ NO. 18314.1045012					0.06				32	32	1	1	40	15	2	500	40		
8314.1045013	Henderson	202	US-176	2	0.06	24	5.86	5.92	32	32			10	10					
TOTAL FOR MAP NO. 202					0.06				32	32			10	10					
TOTAL FOR PROJ NO. 18314.1045013					0.06				32	32			10	10					
18314.1045014	Henderson	203	US-176	2	0.06	24	5.92	5.98	32	32			15	5					
TOTAL FOR MAP NO. 203					0.06				32	32			15	5					
TOTAL FOR PROJ NO. 18314.1045014					0.06				32	32			15	5					
18314.1045015	Henderson	204	US-176	2	0.22	24	7.21	7.43	16	16			20	10			24		
TOTAL FOR MAP NO. 204					0.22				16	16			20	10			24		
TOTAL FOR PROJ NO. 18314.1045015					0.22				16	16			20	10			24		
18314.1045016	Henderson	205	US-176	2	0.08	24	7.61	7.69	16	16			20	10			24	200	200
TOTAL FOR MAP NO. 205					0.08				16	16			20	10			24	200	200
TOTAL FOR PROJ NO. 18314.1045016					0.08				16	16			20	10			24	200	200
18314.1045021	Henderson	207	US-176	2	0.26	24	8.18	8.44	16	16			10	5			24	60	60
TOTAL FOR MAP NO. 207					0.26				16	16			10	5			24	60	60
TOTAL FOR PROJ NO. 18314.1045021					0.26				16	16			10	5			24	60	60
18314.1045018	Henderson	211	US-176	2	0.13	24	8.62	8.75	16	16			20	15			29		
TOTAL FOR MAP NO. 211					0.13				16	16			20	15			29		
TOTAL FOR PROJ NO. 18314.1045018					0.13				16	16			20	15			29		
18314.1045019	Henderson	212	US-176	2	0.12	24	8.75	8.87	16	16	1		10	8			24		
TOTAL FOR MAP NO. 212					0.12				16	16	1		10	8			24		
TOTAL FOR PROJ NO. 18314.1045019					0.12				16	16	1		10	8			24		
18314.1045020	Henderson	213	US-176	2	0.08	24	8.93	9.01	16	16	1		30	12			24	100	100
TOTAL FOR MAP NO. 213					0.08				16	16	1		30	12			24	100	100
TOTAL FOR PROJ NO. 18314.1045020					0.08				16	16	1		30	12			24	100	100
18314.1045100	Henderson	946	US-176	2	0.08	24	5.42	5.5	16	16			15	5				60	60
TOTAL FOR MAP NO. 946					0.08				16	16			15	5				60	60
TOTAL FOR PROJ NO. 18314.1045100					0.08				16	16			15	5				60	60
GRAND TOTAL					1.15				208	208	3	1	190	95	2	500	189	420	420