

Addendum # 1

Laboratory and Little Drive Trail Improvements Research Triangle Foundation August 14, 2026

The following changes and clarifications are applicable to the referenced project and are now a part of its contract documents. Where any article, division, or subparagraph of the original contract documents or other addenda is supplemented herein, the provisions of the original documents shall remain in effect. All the supplemental provisions shall be considered as added thereto. Where any such article, division, or subparagraphs are amended, voided, or superseded thereby, the provisions of such article, division, or subparagraph not so specifically amended, voided, or superseded shall remain in effect.

The attention of each contractor is called to the following clarifications, additions to, and changes in the plans and specifications, on the above project. It will be the responsibility of each contractor to call such clarifications, additions, and changes in plans and specifications to the attention of subcontractors concerned. Research Triangle Foundation in no way assumes any responsibility for notifying any subcontractor, material dealers, or others not having received the original contract documents.

Bidder must acknowledge receipt of Addendum No. 1 on page 53 of the project specifications.

Item 1: Pre-Bid Meeting Minutes

See attached

Item 2: On Little Drive, is there an existing drainage outlet where proposed drainage area is planned on Western end?

There is an existing drainage structure in the existing ditch line approximately 183' to the west of the start of the project where the proposed drainage area is anticipated to drain back to.

Item 3: On Little Drive, how thick is existing swale and concrete shoulder at this location?

No existing concrete thickness investigation was completed as part of the design. The existing concrete swale and concrete shoulder are anticipated to be between 4"-8" thickness at this location.

Item 4: On Little Drive, will existing fiber vault on Western end of proposed concrete sidewalk be adjusted by utility company?

The intent is for the existing fiber vaults to remain at the current location. The contractor should coordinate with the utility company to adjust the vaults to the final grade if necessary.

Item 5: On Little Drive, are there any time restrictions (7-9:00am & 4-6:00pm) on this section of the project?

Per the time restrictions listed on plan sheet TMP-1 the existing travel lanes shall not be closed or narrowed from 6:00-9:00am & 4:00-7:00pm Monday thru Friday and during Holidays as noted.

Item 6: On Laboratory Drive, will any of the existing wooden railings be removed, disposed and replaced?

After investigating the current condition of the wooden railings on Laboratory Drive, and discussing further with Research Triangle Foundation, the existing Timber railings from stations -G2- Sta. 14+42 to 14+72 (LT & RT) and from -G2- Sta. 35+74 to 36+16 (LT) should be removed and replaced as part of this project.

Updated plan sheets with the timber railing details, and an updated bid proposal form have been attached to this addendum. A specification for replacement of this railing is listed below.

REMOVE AND REPLACE TIMBER RAILING:

Description

This item consists of removal of the existing timber railing and installation of a new proposed timber railing where indicated in the plans or as directed by the Engineer. The timber railing shall be in accordance with the details provided in the plans.

Measurement and Payment

The quantity of Remove and Replace Timber Railing will be measured and paid in linear feet of railing, measured in place from center of the proposed first post to center of the proposed last post, that has been completed and accepted. Such price includes, but is not limited to, removal and disposal of the existing railing, all materials, concrete, excavation and backfill for footings, furnishing and installing timber railing, and all incidentals necessary to complete the work.

Payment will be made under:

Pay Item	Unit
Remove and Replace Timber Railing	Linear Foot

Item 7: On Laboratory Drive, are there any time restrictions (7-9:00am & 4-6:00pm) for working on this site?

Per the time restrictions listed on plan sheet TMP-1 the existing travel lanes shall not be closed or narrowed from 6:00-9:00am & 4:00-7:00pm Monday thru Friday and during Holidays as noted.

Item 8: On Laboratory Drive, please confirm which trees are designated as “select tree removal” tree summary sheet (size & station number) specific trees to be removed?

For the select tree removal, the intent is to remove all existing trees within 5’ of the existing trail on Laboratory drive to remain from station -G2- sta. 11+50 to sta. 17+00. The trees to be removed are identified with a “10” callout next to the tree size note referring to the Trail and Sidewalk legend on plan sheet 4. 25 trees are anticipated to be removed with this project.

Item 9: Do you have schedule of values (bid sheets) in Excel format?

We will not be providing an excel format version of the bid sheet for this project.

Item 10: Can we have a link to the bid documents?

The bid documents can be found on either Research Triangle Park’s website at <https://www.rtp.org/bid-opportunities/> or at Accent Imaging’s electronic plan room at <https://www.planscope.com/projects/1520/details/laboratory-drive-and-little-drive-trail-improvements> .

Item 11: Can you confirm that the posted plan set is the 100% plans to be used for bidding?

The final 100% plans were confirmed to be posted on the electric plan room under the plans tab. The final plans have also been confirmed to be added to Research Triangle Park’s website as a separate pdf for reference. The plans held by Contractors used for developing the proposals should be confirmed to be the 100% plan set with a signed and sealed date of 3/9/2026.

Item 12: What is the anticipated duration of the project?

The anticipated duration of this project is 180 days.

Item 13: Is NCDOT’s only involvement the acceptance of the encroachment agreement?

The NCDOT Wake District office reviewed the plans for the Little Drive trail segment for issuance of the encroachment agreement. The NCDOT Durham District office reviewed the plans for the Laboratory Drive trail segment for issuance of those encroachment agreements. As noted in the approved encroachment agreements the Contractor should notify the NCDOT District offices prior to construction, and NCDOT will be involved through construction for inspections on all form work prior to pouring concrete items and other items as requested by the NCDOT inspectors.

Item 14: Was the Turnpike Authority involved in the Little Drive section?

Yes, the Turnpike Authority was involved during the design and review of the Little Drive segment prior to issuance of the final approved encroachment agreement.

Item 15: Regarding the construction preliminary estimate, is there an updated OPCC?

We do not typically provide the final opinion of probable construction cost to prospective bidders during the bidding phase.

Item 16: On page 13 regarding BABA (Build America, Buy America), since the funding is strictly through Research Triangle Foundation, do we need to comply with BABA requirements?

After discussing with Research Triangle Foundation, we will remove the BABA requirement for this project. See attached relevant project technical specification sheet removing the Build America, Buy America (BABA) specification.



Research Triangle Foundation Laboratory & Little Drive Trail Improvements Pre-Bid Meeting

Date: Tuesday, August 4, 2026
Time: 2:00 pm
Place: Virtual (Microsoft Teams)
Attendees: See attached attendance sheet

Research Triangle Foundation (RTF) and Kimley-Horn (KH) began the meeting with introductions of those in attendance from KH and RTF. KH asked that everyone in attendance enter their name, email, phone number, and company name into the meeting chat.

Meeting Purpose

1. KH stated the purpose of the pre-bid meeting is to cover bidding requirements.
2. KH stated this meeting is not intended to cover everything and will address any questions at the end of the meeting.
3. KH stated they will try to answer questions today. However, final answers will be included in the pre-bid meeting minutes included with the posted addendum and considered binding.

Project Description

1. The Laboratory & Little Drive Trail Improvements project includes construction of approximately 3,184 feet of greenway trail improvements along Laboratory and Little Drive.
2. This project will include installation of greenway trail, curb and gutter, curb ramps, storm drainage, minor grading, paving, traffic control, pavement markings and other related items as shown on the plans in accordance with the specifications and plans.
3. Laboratory Drive is located in Durham County, and Little Drive is located in Wake County.
4. All permits are in hand including environmental, erosion control, and NCDOT encroachment agreements.

Bid Information

1. Bids are due August 25, 2026, no later than 2:00 pm, addressed to Research Triangle Foundation of North Carolina.
2. All questions must be submitted via email to tyler.white@kimley-horn.com by August 14, 2026, at 5:00pm to be considered.
3. Any addenda will be posted on the RTP website and plan room website by the close of business on August 18, 2026.
4. Bidders must be pre-qualified with NCDOT.
5. Bid security is 5%.

Contract Duration

1. Contract duration for the project is 180 calendar days, with \$500 liquidated damages per day.

Award/Contract Information

1. Contract will be awarded to the lowest responsible, responsive bidder.
2. No federal funding is associated with this project.
3. RTF intends on awarding the bid after internal concurrence on the bidder selection and the board approves additional funding (if necessary).
4. Anticipated Notice to proceed is October 2026, depending on the above.

Project Scope

1. 2,721 feet of trail improvements along Laboratory Drive
2. Select tree removal along existing segment of trail to remain on Laboratory Drive.
3. Existing curb ramp replacement along Laboratory Drive.
4. 428 feet of trail construction along Little Drive under NC-540 overpass.
5. Curb and gutter and concrete trail segment under NC-540.

Contractor Questions

See Addendum documents for all Contractor questions received.

**Laboratory & Little Drive Trail Improvements
Pre-Bid Meeting Attendance List**

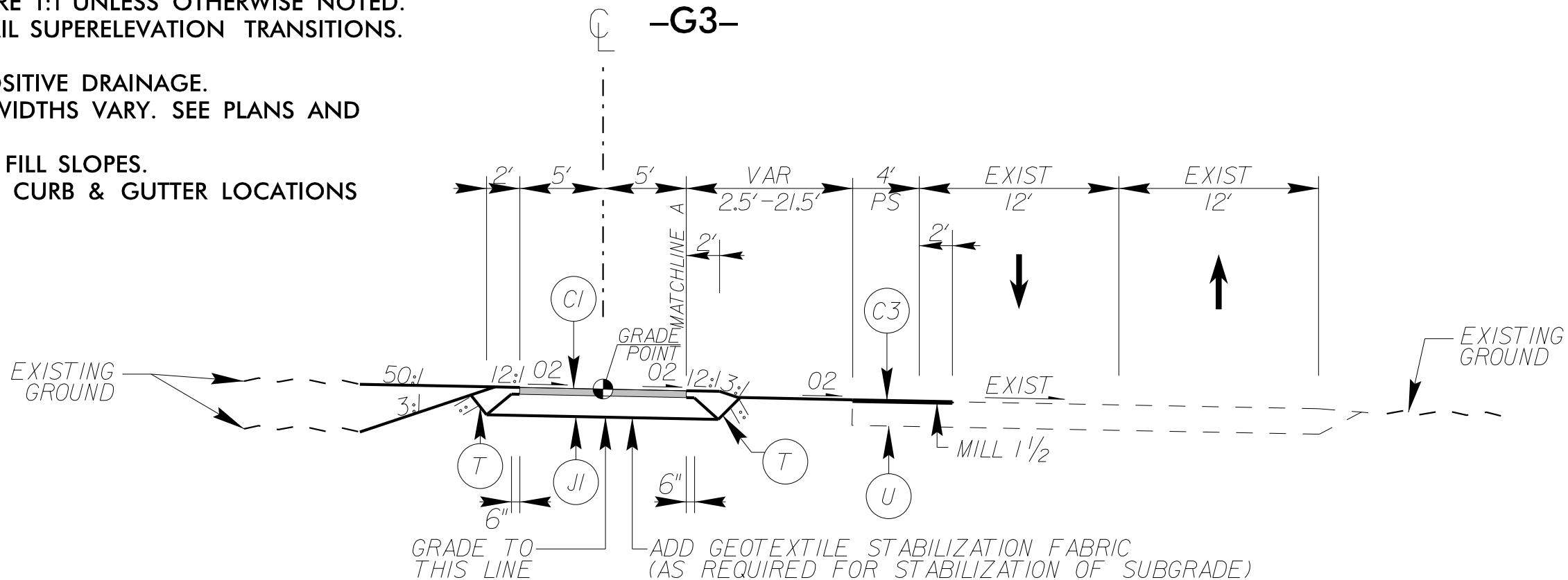
Name	Agency	Phone	Email
Anna Calef	RTF		calef@rtp.org
Tyler White	Kimley-Horn	937-218-8010	tyler.white@kimley-horn.com
Johnathan Williams	Kimley-Horn	919-237-9497	johnathan.williams@kimley-horn.com
Henry Hardy	H&H Enterprises of Knightdale LLC	919-422-9390	hhenterprisesofknightdale@gmail.com
Sam Gore	Browe Construction	919-422-9512	sam.gore@browecon.com
Robert Shultes	Infrastructure Consulting & Eng	919-650-9975	bob.shultes@ice-eng.com
Michael Sciortino	Infrastructure Consulting & Eng	252-432-9354	mike.sciortino@ice-eng.com
Martin Lehmann	Fred Smith Company	919-866-9389	mlehmann@fredsmithcompany.net

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8/13/2026

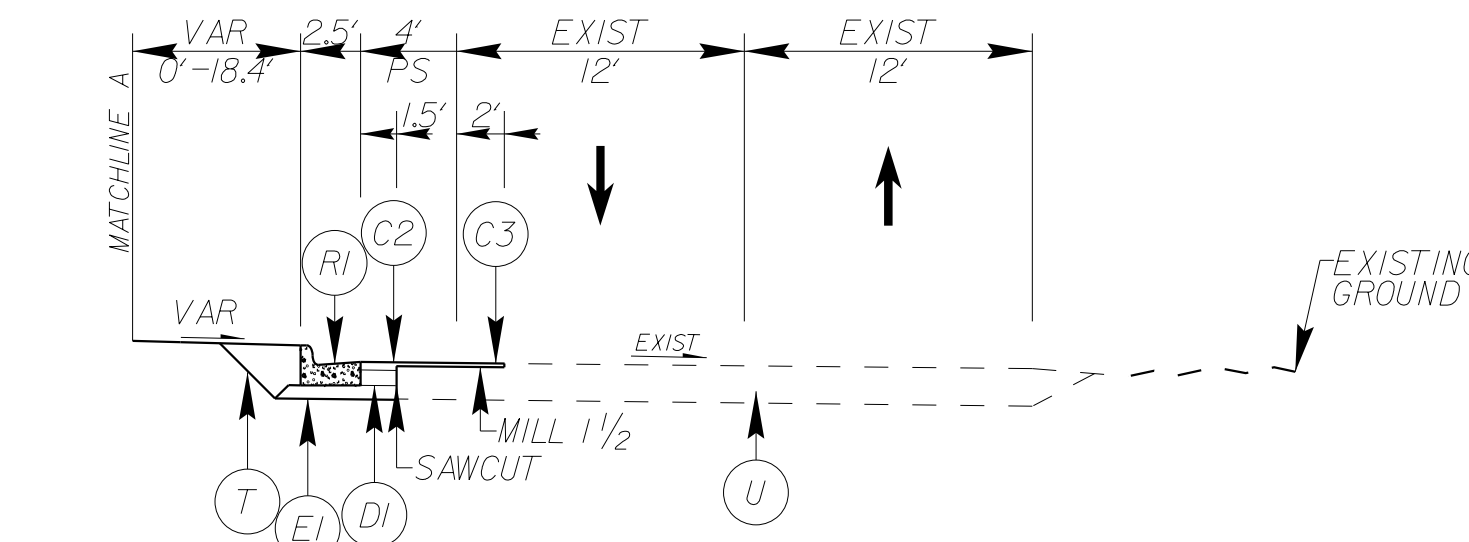
PAVEMENT SCHEDULE	
C1	PROPOSED APPROX.2" ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS.PER SQ.YD.
C2	PROPOSED APPROX.3" ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS.PER SQ.YD.IN EACH OF 2 LAYERS
C3	PROPOSED APPROX.1.5" ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS.PER SQ.YD.
DI	PROPOSED APPROX.4" ASPHALT CONCRETE INTERMEDIATE COURSE,TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS.PER SQ.YD.
E1	PROPOSED APPROX.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS.PER SQ YARD.
J1	PROPOSED 6" AGGREGATE BASE COURSE
J2	PROPOSED RIP RAP CLASS B 1' MINIMUM THICKNESS
RI	PROPOSED 2'-6" CONCRETE CURB AND GUTTER
S	PROPOSED 4" CONCRETE SIDEWALK
T	PROPOSED COMPACTED EARTH MATERIAL
U	EXISTING ASPHALT PAVEMENT

- NOTES:
- 1) SEE PLANS FOR EXISTING PAVEMENT AND SIDEWALK LOCATIONS.
 - 2) PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED.
 - 3) SEE PLAN SHEETS FOR TRAIL SUPERELEVATION TRANSITIONS. (2% MAX SUPERELEVATION)
 - 4) SLOPE SHOULDERS FOR POSITIVE DRAINAGE.
 - 5) TRAIL AND GRASS VERGE WIDTHS VARY. SEE PLANS AND CROSS SECTIONS
 - 6) SEE CROSS SECTIONS FOR FILL SLOPES.
 - 7) SEE PLANS FOR PROPOSED CURB & GUTTER LOCATIONS



TYPICAL SECTION NO. 3

-G3- STA 10+35.00 TO 11+22.50
-G3- STA 14+29.97 TO 14+63.54



TYPICAL SECTION NO. 3A

-G3- STA 10+50.00 TO 11+22.50

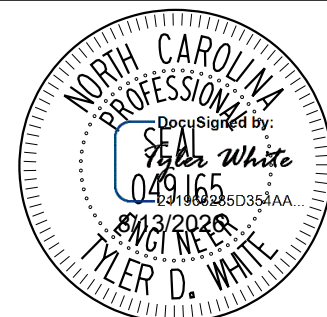
PREPARED IN THE OFFICE OF:

Kimley»Horn

300 MORRIS STREET, SUITE 200, DURHAM, NC, 27701
PHONE: (919) 682-3583

PE NO. F-0102

TYPICAL SECTIONS



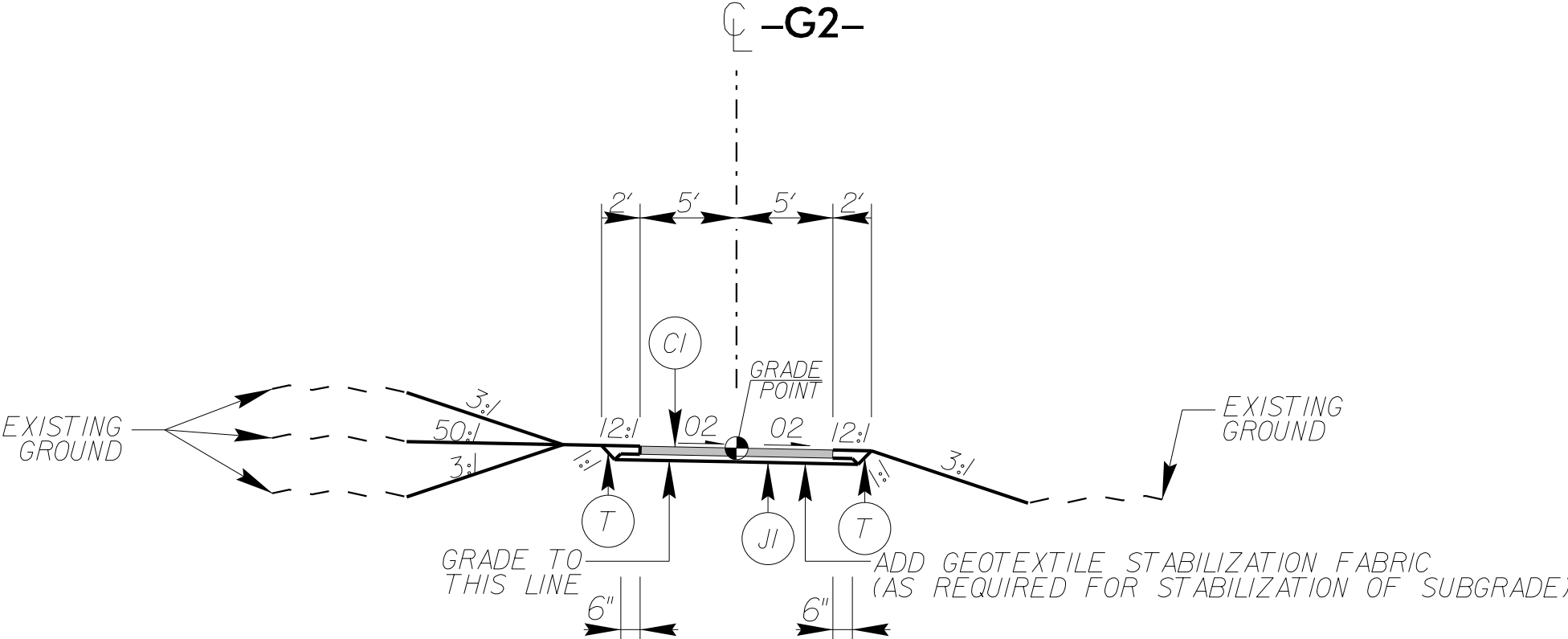
NOT TO SCALE

PROJECT: **LABORATORY DRIVE & LITTLE DRIVE TRAIL IMPROVEMENTS**

JOB NUMBER: 01150019

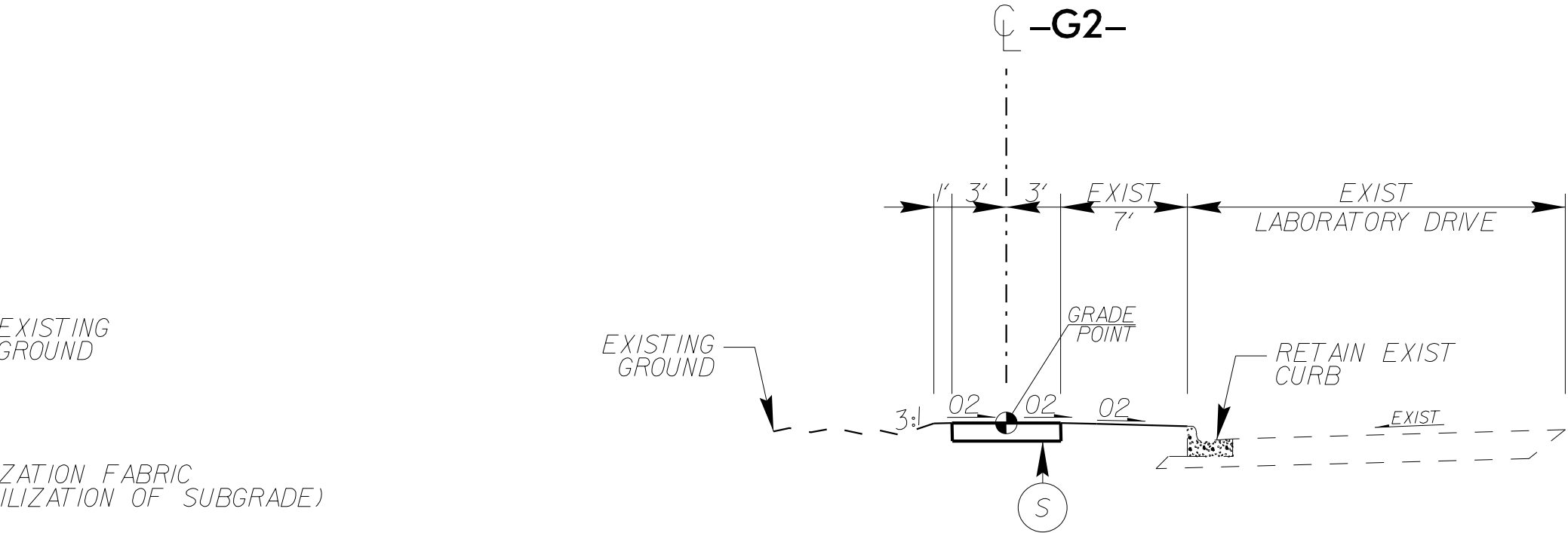
SHEET NUMBER: 2A-1

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



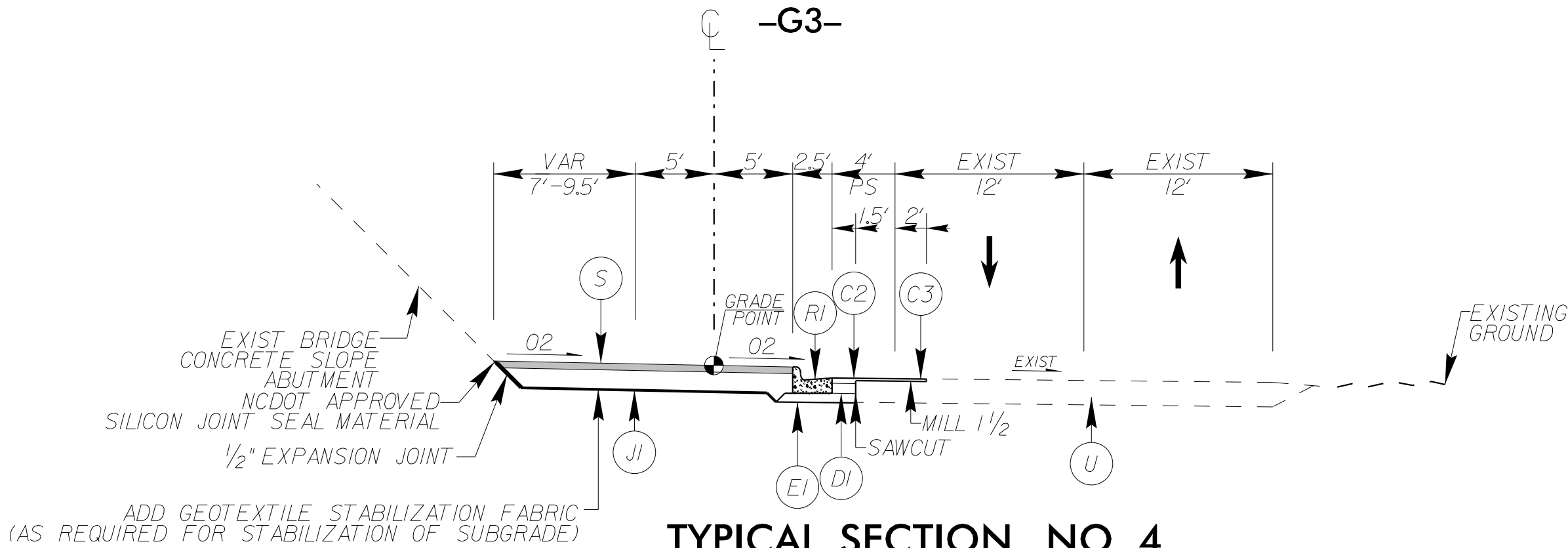
TYPICAL SECTION NO. 1

-G2- STA 10+97.51 TO 11+60.00
-G2- STA 16+15.00 TO 36+46.68



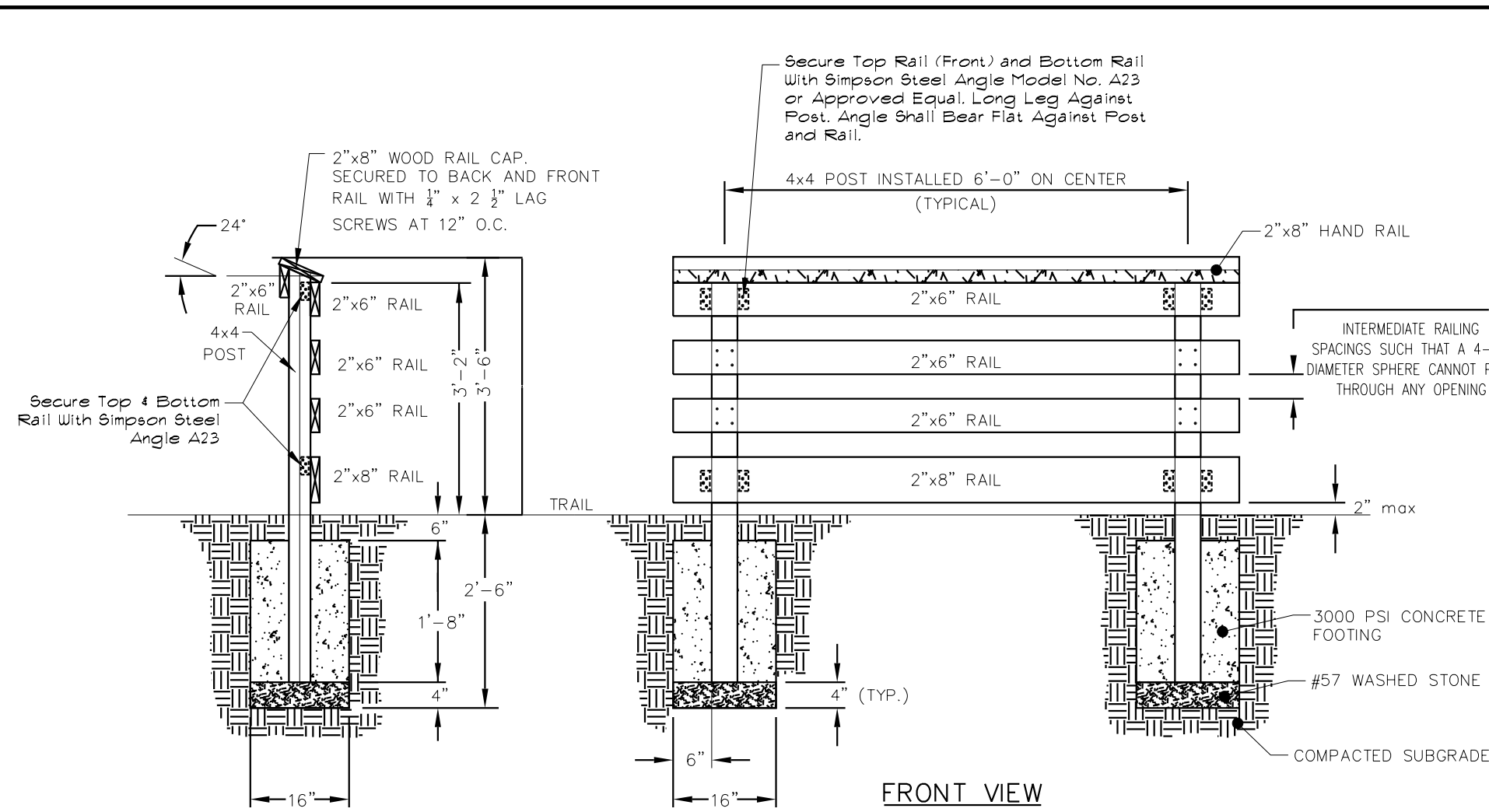
TYPICAL SECTION NO. 2

-G2- STA 36+46.68 TO 37+21.00



TYPICAL SECTION NO. 4

-G3- STA 11+22.50 TO 14+29.97



DETAIL 1 - TIMBER RAILING

Timber Railing Notes:

1. All timber shall be No2 grade southern yellow pine treated to 0.6 ACQ. All finished edges to be rounded over.
2. Stain with one coat of TWP California Cedar.
3. All bolt holes thru timber shall be predrilled 1/16" larger than the bolt diameter.
4. Posts shall run full height and no splicing is allowed.
5. All railings shall be continuous over two supports and connected to 4x4 posts with (2) 1/4" x 2 1/2" lag screws. Stagger discontinuity points with rail above and below.
6. Field preservative chemicals shall be applied to all field cuts and drilled holes to maintain timber pressure treatment integrity.
7. Railing with ware of 3/8" or more may be grounds for rejection, removal and replacement.
8. All hardware shall be hot dip galvanized or stainless steel.
9. Top rail shall be attached to front and back rail with 1/4" x 2 1/2" lag screws @ 12" o.c.



**Laboratory Drive & Little Drive Trail Improvements
SCHEDULE OF PRICES - BID SHEET – Version 2**

**RESEARCH TRIANGLE FOUNDATION OF NORTH CAROLINA
700 PARK OFFICES DR., SUITE 007, DURHAM, NC 27713**

BID OPENING: August 25, 2026 at 2:00 PM

Base Bid						
Line Item	Sec No	Pay Item	Total Quantity	Unit	Unit Price	Total Amount
1	800	Mobilization	1	LS		\$
2	801	Construction Surveying	1	LS		\$
3	200	Clearing and Grubbing	2.20	ACR	\$	\$
4	225	Unclassified Excavation	900	CY	\$	\$
5	226	Undercut Excavation	150	CY	\$	\$
6	230	Borrow Excavation	100	CY	\$	\$
7	270	Geotextile for Soil Stabilization	150	SY	\$	\$
8	200	Tree Removal	25	EA	\$	\$
9	226	Fine Grading	1.0	LS	\$	\$
10	250	Removal of Existing Asphalt Pavement	2,370	SY	\$	\$

BID SUBMITTED BY: _____
Contractor/Date

Base Bid						
Line Item	Sec No	Pay Item	Total Quantity	Unit	Unit Price	Total Amount
11	250	Removal of Existing Concrete Pavement	465	SY	\$	\$
12	520	Aggregate Base Course	1,205	TON	\$	\$
13	607	Milling Asphalt Pavement, 1 1/2" Depth	515	SY	\$	\$
14	610	Base Course, Type B25.0C	105	TON	\$	\$
15	610	Intermediate Course, Type I19.0C	40	TON	\$	\$
16	611	Surface Course, Type S9.5B	280	TON	\$	\$
17	610	Surface Course, Type S9.5C	75	TON	\$	\$
18	620	Asphalt Binder for Plant Mix	35	TON	\$	\$
19	305	8" CMP	24	LF	\$	\$
20	310	12" RC Pipe Culverts, Class IV	8	LF	\$	\$
21	310	24" RC Pipe Culverts, Class IV	16	LF	\$	\$
22	310	36" RC Pipe Culverts, Class IV	8	LF	\$	\$
23	840	Pipe Collars	3	CY	\$	\$

BID SUBMITTED BY: _____
Contractor/Date

Base Bid						
Line Item	Sec No	Pay Item	Total Quantity	Unit	Unit Price	Total Amount
24	846	2'-6" Concrete Curb and Gutter	625	LF	\$	\$
25	848	4" Concrete Sidewalk	680	SY	\$	\$
26	848	Concrete Curb Ramp	7	EA	\$	\$
27	903	Supports, 3-LB Steel U-Channel	45	LF	\$	\$
28	904	Sign Erection, Type E	3	EA	\$	\$
29	907	Disposal of Support, U-Channel	1	EA	\$	\$
30	907	Disposal of Sign System, U-Channel	1	EA	\$	\$
31	1110	Work Zone Signs (Stationary)	160	SF	\$	\$
32	1110	Work Zone Signs (Portable)	96	SF	\$	\$
33	1115	Flashing Arrow Board	4	EA	\$	\$
34	1120	Portable Changeable Message Sign	2	EA	\$	\$
35	1130	Drums	75	EA		

BID SUBMITTED BY: _____
Contractor/Date

Base Bid						
Line Item	Sec No	Pay Item	Total Quantity	Unit	Unit Price	Total Amount
36	1135	Cones	150	EA	\$	\$
37	1150	Flagger	40	DAY	\$	\$
38	1205	Thermoplastic Pavement Marking Lines (4", 90 MILS)	435	LF	\$	\$
39	1205	Thermoplastic Pavement Markings (24", 90 MILS)	600	LF	\$	\$
40	1605	Temporary Silt Fence	4,330	LF	\$	\$
41	1610	Stone for Erosion Control, Class A	150	TON	\$	\$
42	1610	Stone for Erosion Control, Class B	35	TON	\$	\$
43	1610	Sediment Control Stone	30	TON	\$	\$
44	1615	Temporary Mulching	3	ACR	\$	\$
45	1620	Seed for Temporary Seeding	400	LB	\$	\$
46	1620	Fertilizer for Temporary Seeding	2	TON	\$	\$
47	1622	Temporary Slope Drains	400	LF	\$	\$

BID SUBMITTED BY: _____
Contractor/Date

Base Bid						
Line Item	Sec No	Pay Item	Total Quantity	Unit	Unit Price	Total Amount
48	1630	Silt Excavation	70	CY	\$	\$
49	1632	1/4" Hardware Cloth	50	LF	\$	\$
50	1642	Wattle Devices	40	LF	\$	\$
51	1660	Seeding and Mulching	3.5	ACR	\$	\$
52	1660	Mowing	3.5	ACR	\$	\$
53	1661	Seed for Repair Seeding	100	LB	\$	\$
54	1661	Fertilizer for Repair Seeding	0.5	TON	\$	\$
55	1662	Seed for Supplemental Seeding	125	LB	\$	\$
56	1665	Fertilizer Topdressing	2.5	TON	\$	\$
57	1667	Specialized Hand Mowing	20	MHR	\$	\$
58	SP	Tree Protection Fence	950	LF	\$	\$
59	SP	Concrete Washout Structure	1	EA	\$	\$
A-1	SP	Remove and Replace Timber Railing	102	LF	\$	\$

TOTAL BASE BID: \$ _____

BID SUBMITTED BY: _____

Contractor/Date

D. Contractor shall place stationary traffic control signs (Advance Warning Signs) at the beginning, end, and at all Y-lines on the project, per MUTCD. All traffic control – stationary and portable – shall be covered under the bid item “Traffic Control” and shall include all equipment, personnel, and related work to insure conformance with MUTCD and NCDOT standards.

BUILD AMERICA, BUY AMERICA (BABA):

(11-15-22)(Rev. 7-16-24)

106

SP1-G05-A

~~Revise the *Standard Specifications* as follows:~~

~~Page 1-48, Article 106-1 GENERAL REQUIREMENTS, add the following after line 49:~~

~~**(C) Build America, Buy America (BABA)**~~

~~All manufactured products and construction materials permanently incorporated into any project must meet requirements of the Build America, Buy America (BABA) Act of the Infrastructure Investment and Jobs Act (IIJA). Before any material or product shown on the Department’s Build America, Buy America (BABA) List is included for payment on a monthly estimate, the Contractor shall furnish the Engineer with a notarized certification certifying that the items conform to the BABA Act. The Department’s Build America Buy America (BABA) List can be found on the Department’s website below:~~

~~<https://connect.ncdot.gov/letting/LetCentral/NCDOT%20BABA%20Materials%20List.pdf>~~

~~Each purchase order issued by the Contractor or a subcontractor for items on the BABA List to be permanently incorporated into any project shall contain in bold print a statement advising the supplier that the manufactured products and construction materials must be produced in the United States of America. The Contractor and all affected subcontractors shall maintain a separate file for BABA List items so that verification of the Contractor’s efforts to purchase items produced in the United States can readily be verified by an authorized representative of the Department or the Federal Highway Administration (FHWA).~~

CONTRACT TIME AND LIQUIDATED DAMAGES:

(7-1-95) (Rev. 12-18-07)

108

SP1 G10 A

The date of availability for this contract is **upon written notice to proceed.**

The completion date for this contract is **180 calendar days.**

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **FIVE HUNDRED Dollars (\$500)** per calendar day.

VIDEOTAPE OF PROJECT SITE:

SP (KIMLEY-HORN AND ASSOCIATES, INC.)

The Contractor will videotape the project site in its entirety before construction begins, but not more than 60 days prior to construction. The recordings shall contain coverage of all surface features within the construction