

ADDENDUM NUMBER ONE

Date: January 11, 2023

From: McAdams Co. & Kimley-Horn and Associates

Re: **EB-5894 – Black Creek Greenway**
BL-0024 – NW Cary Parkway Sidewalk at Black Creek

NOTICE TO BIDDERS:

Bidder is hereby notified that this Addendum shall become a part of the Contract Documents and shall be attached to the Project Manual for the Project.

The following items are intended to revise and clarify the Drawings and the Project Manual.

The bidder shall ensure that his Sub-Bidders are in full receipt of the information contained herein.

ADDENDA ITEMS:

PROJECT MANUAL	(3) ITEMS
DRAWINGS	(3) ITEMS
MISCELLANEOUS	(6) ITEMS
RFI's	(37) ITEMS

END OF TITLE PAGE

PROJECT MANUAL

1. SS 00200 – Invitation to Bid – Revised with new bid date and location
2. SS 00250 – Instructions to Bidders – Revised with new bid date and location
3. SS 00300 – Bid Proposal – Revised with additional line items

DRAWINGS

1. EB-5894, Sheet CS-2, revised index of sheets to add D-5 – Earthwork summary.
2. EB-5894, Sheet D-5, added Earthwork summary sheet to planset.
3. EB-5894, Sheet C-20, Site Plan – revised callouts to 12-ft concrete trail with turndown, detail 32 on sheet D-2.

MISCELLANEOUS

1. **The Town is moving the date that bids are due to January 25, 2024 at 1:30PM. Bids may be mailed or hand delivered to Conference Room 11130 on the 1st Floor of Town Hall, 316 North Academy Street, Cary, NC, 27512.**
2. Questions must be submitted in writing by 5PM on January 18. Final addendum is scheduled for January 19th or as needed.
3. Attached is the current plan holder list provided by the Town of Cary on 1/9/2024
4. Attached is the sign-in sheet from the pre-bid meeting on 1/4/2024
5. Attached is the Pre-Bid meeting minutes from 1/4/2024
6. Steel vendors mentioned in pre-bid meeting on 1/4/2024
 - a. C.M. Steel at 6357 Campbell Road, York, SC 29745. Contact name is Scott Schaufele at 803-619-1075. SSchauffele@cm-steel.com
 - b. Henry Incorporated at 2285 Park Central Boulevard, Decatur, GA 30035. Contact name is Joshua Wolfe at 770-593-1234, ext. 128. joshua.wolfe@henryincorporated.com
 - c. CAID Industries, a division of Samuel, Son & Co. No contact information has been provided at this time.

RFIs

- Q1. Specs call out 1200 Days and 1290 days to complete project. Which one is the correct day count?
Response: Total contract time is 1290 but that includes the *Permanent Vegetation Establishment (SP1-G13A)* which is 90 days. The intent is to reach substantial completion within 1200 days.
- Q2. What is under the existing asphalt greenway trail that we are removing? How deep is all the material?
Response: Because of the length of the project and the fact that some sections have been rebuilt over

time, we do not have a depth of materials. Generally, there is about 2-in of surface mix with some ABC underneath that could be between 2 and 8 inches.

Q3. Is there a geo tech report for the EB-5894 sidewalk and greenway trail portion?

Response: EB-5894 – a geotechnical report has been included in the project manual under SP1-G112C for subsurface information. Link to folder - <https://bit.ly/3MSZP8w>. Please note that there are two separate geotech reports and that a referenced box culvert at approx. station L1 21+60 has been replaced with boardwalk #3. Report dated 2023-08-30 has the recommendations for boardwalk #3.

Q4. Are the footers for BL-0024 Bridge columns supposed to be left exposed or covered up with dirt? The cross sections show the footers being left exposed.

Response: BL-0024 – The cross sections show the construction situation where we need to excavate down to the bottom of footing and utilize temporary shoring. Final conditions would include soil above the footing and grading the area to drain. The footing elevations were set to include at least 18 inches of soil above (see attached cross-section markup).

Q5. The slopes on the temporary shoring don't line up with the bottom of the footing for the columns (Station 12+00.50). What is supposed to be done with the slope if the temporary shoring is supposed to be removed? Or can the shoring stay in place?

Response: BL-0024 – The shoring can stay in place and not be removed. We recommend cutting the top down to be within 6 inches below the proposed grade.

Q6. The plan sheets call Detail 1B on Sheet D-1 for the concrete trail at 6" of concrete but another note pointing at the trail says 10" concrete trail with turned down edge which is a different detail that shows stone under. Which detail are we supposed to use for the concrete trail?

Response: EB-5894 – The intent is to have 6-in concrete where specified as per detail 1B on sheet D-1. Concrete trail with a turndown as per detail 32 on sheet D-2 will still be 6-in concrete but will also have additional concrete that makes up the turndown and will have ABC as shown in the detail underneath. Locations are called out on the plans for locations of concrete trail with turndown.

Q7. On some of the plan sheets the legend shows what is asphalt and concrete trail. But the plan sheet shows the legend for concrete trail but the note pointing to it calls it Asphalt trail (Sheet C-20). Which one is correct?

Response: EB-5894 – Refer to callout and notes on the plan and profile sheets for the material and configuration of the trail. Site plan sheets (C16-C22) have also been updated to show the correct material and configuration.

Q8. Can the trail be constructed all at once for all the different areas or do we have to work on different sections separately one at a time?

Response: Because the Black Creek Greenway is existing, the Town wants to keep as much of the corridor open as possible. The ICTs are written to start construction in the southern end of the project, finish that end then move to the middle then the end.

Q9. Can the ICT's run concurrently and overlap so each section of trail can be done simultaneously?

Response: The ICT's have been written in a way to phase the construction of the project sequentially as mentioned above. ICT's 1, 2, 3, 4, 8, 9, and 10 will run concurrently but the contractor should note the

requirements of each. ICT's 5, 6, and 7 are meant to phase the construction after the completion of ICT 4. It should also be noted that ICT 5 and 6 are similar other than the BL-0024 Pedestrian Bridge being open to the public. Bidders should note the Pedestrian Detour maps on page 498 of the project manual. The maps should correlate with requirements in ICT 4, 5, 6, and 7.

- Q10.** If the ICT's have to be done separately we will run into a issue for ICT 7 because the access for that section of trail off of old reedy creek has a one way low tonnage bridge. Is there another location we can access this? Can we use the trail access point off of Tynemouth Drive? If the trail work can be done simultaneously then we can use the existing trail to get the material to the correct spot. If not the only construction entrance shown for that area is off of old reedy creek road.

Response: It was mentioned in the pre-bid that there is another construction access off of Winstead Drive to access the area as called out in ICT 7 and pedestrian detour phase 3. There is a requirement to adhere to the Right of Entry between the Town and the landowner. This is an existing driveway for a business and the contractor will be required to put the driveway back to existing conditions or better upon completion of their work. See Right of Entry Special Provision on page 170 of the project manual.

- Q11.** Also when we bring equipment in our lowboy will be too heavy to cross that bridge so we would have to unload and drive equipment across the bridge to the entrance which could possibly tear up the existing asphalt on the road and bridge.

Response: EB-5894 – Contractors are to adhere to all state and local laws pertaining to trucking, hauling, and weight limits. While Old Reedy Creek Road is a public road, it is not the recommended access point for the project. While we cannot prohibit its use, we strongly advise against it. It should also be noted that the bridge weight limit has been downgraded recently and there are not plans to upgrade the structure within the timeframe of the Black Creek project. It is the intent that the contractor use the construction access provided at Winstead Drive to access and build this section of the project.

- Q12.** When it says acceptance of the ICT is this final acceptance completely finished with seeding?

Response: For ICT 4, 5, 6, and 7, it is the intent that the ICT will be accepted once seeding and mulch have been completed. Acceptance is also contingent upon completion of the work being done in each respective area as determined by a punch walk with the Owner and Engineer. Once accepted, the terms of ICT 1 will apply to the section (90 to establish vegetation). One year warranty will also start for the section once accepted.

- Q13.** Can you provide a detail for panel connections for panels to truss for bridge?

Response: BL-0024 – No, the mechanical fasteners will depend on the final bridge design and details. The Prefabricated Steel Pedestrian Bridge Special Provision states that the "Contractor shall provide details for mechanical fasteners". A detail showing our design intent is included in the Addendum.

- Q14.** How are we to position the panels vertically for even weathering due to sun positioning?

Response: BL-0024 – Panels will be pre-weathered by panel manufacturer.

- Q15.** If the panels are vertical, how are we to keep them upright when over 50% of the panel is cut out? Is tack welding to a frame acceptable?

Response: BL-0024 – No tack welding. Panels will be mounted to vertical posts with mechanical fasteners.

- Q16.** We are further than 30 miles from the project, how will the inspection take place?
Response: BL-0024 – Engineer and Town will visit the manufacturer’s facility.
- Q17.** Can the single mockup panel be outside, there is not enough room anywhere to pre-stage and mockup panels at fabricators?
Response: BL-0024 – Review of mock-up panel will take place at manufacturer’s facility.
- Q18.** There is no way to control a naturally occurring weathering panel evenly due to weathering condition humidity, rain, sun, fog, etc
Response: BL-0024 – Comment noted.
- Q19.** Can the panels be High Plasma cut as opposed to Laser - many laser facility will not cut carbon.
Response: BL-0024 – No, the panels must be laser cut.
- Q20.** Are the panels at the curved walked segmented or rolled? - please provide framing details?
Response: BL-0024 – Rolled. Additional details are provided in the Addendum.
- Q21.** Please provide bridge specs and end/side view profiles from bridges A-F, What is the bridge finish and truss type, please detail railing preference. The plans say bridges by others? Are the bridges already designed and if so can we get the details for these?
Response: EB-5894 – The intent is that the Contractor works with a manufacturer and submits sealed shop drawings for approval for bridges A, B, D, E, and F as well as the boardwalks, retaining walls, and box culverts. The contractor will be responsible for any building permits needed with any structure that requires them. See the Special Provisions pertaining to Prefabricated Bridge, the intent is to have bridges that match the aesthetic to the existing greenway system. Half-Thru Truss or equal is specified. Unpainted Weathering Steel is the finish.
- Q22.** Please provide the dimensions of the panels for pages L400, L401, S-9, & S-10.
Response: BL-0024 – Panel dimensions need to be coordinated with Siteworks once bridge truss design is complete and dimensions are finalized. This is specified in the Special Provisions. Anticipated panel dimensions for bidding (not for construction) are included in the Addendum.
- Q23.** For these specialty panels for bridge and fence it has been difficult to find a vendor or sub to be able to get these panels done. Does the town have any contact info for subs or vendors used in the past for these? Or can we have an alternate?
Response: BL-0024 – 1) C.M. Steel at 6357 Campbell Road, York, SC 29745. Contact name is Scott Schaufele at 803-619-1075. 2) CAID Industries, a division of Samuel, Son & Co. No contact information has been provided at this time. 3) Henry Incorporated at 2285 Park Central Boulevard, Decatur, GA 30035. Contact name is Joshua Wolfe at 336-710-8336. No alternates will be allowed.
- Q24.** Can you provide a detail and spec for the Perma trek boardwalk?
Response: EB-5894 – Details are provided for the precast concrete boardwalk on sheets
- Q25.** For the casing for water line does it have to be coated? If so, what are the coating specs?
Response: BL-0024 – The steel encasement pipe does not require coating.
- Q26.** Some of the walls on the plans say by others. Are the walls the responsibility of the contractor? If so, can we have details showing the walls and what they need to look like?
Response: EB-5894 – Retaining walls are the responsibility of the contractor. Wall envelopes and details

have been provided on sheets RW2-RW9. Contractors are required to submit sealed shop drawings for approval and also obtain any building permits required.

- Q27.** Can we get a undercut item for the Trail work? Also a backfill item or if it will be incidental to this?
Response: EB-5894 – Line item #92 has been added for shallow undercut and item #93 for Class IV Subgrade Stabilization for the EB-5894 project.
- Q28.** Can we use the spreadsheet given as the bid form and type in all the pricing instead of writing in for bid day?
Response: Yes, a spreadsheet with printed unit prices may be submitted instead of writing the numbers. However, it is the responsibility of the bidder to ensure the spreadsheet matches the bid sheet exactly with all columns and items and any omissions or errors is grounds for a non-responsive bid.
- Q29.** Can the water be shut off to do tie ins on the water line?
Response: BL-0024 – Yes, the reclaimed water line can be shut down for this work, subject to the Contractor's submitted/approved Installation Sequence Plan. This work must be planned to minimize the duration of shutdown.
- Q30.** In areas that we demo the existing trail and is away from the new alignment of trail do we just seed that area or do we have to bring it back to existing ground?
Response: EB-5894 – After demolition, it is the intent that the area be brought back to existing ground and seeded and mulched for stabilization.
- Q31.** For old reedy creek road is it allowed to be used to enter that end of the project as long as we don't go over the ton limit of the bridge? I know it's a public road so I want to make sure we can use it for small items that are under the ton limit.
Response: EB-5894 – Contractors are to adhere to all state and local laws pertaining to trucking, hauling, and weight limits. While Old Reedy Creek Road is a public road, it is not the recommended access point for the project. While we cannot prohibit its use, we strongly advise against it. It should also be noted that the bridge weight limit has been downgraded recently and there are not plans to upgrade the structure within the timeframe of the Black Creek project.
- Q32.** you want the entire project manual printed out in addition to the bid documents and bid bond?
Response: Potential bidders are required to submit bids as directed in section 002500-Instructions to Bidders. Additional forms and documentation to be submitted with the bids are listed on page 17.
- Q33.** Are the requirements for submitting pre-fab ped bridge and pre-cast boardwalk designs 7 days prior to bid opening flexible? Will not submitting them be grounds for a non-responsive bid?
Response: EB-5894 – The intention is to obtain documentation specified on pages 350 and 366 seven days before the bid opening. This ensures that the products chosen by the contractor align with the town's and project's requirements. Failure to submit the requested documentation for prefabricated pedestrian bridges or precast concrete boardwalk by a potential bidder does not render the bid non-responsive. However, the responsibility to provide the submittal for products meeting the project manual and plans requirements falls on the winning low bidder after the project has been awarded and prior to the bidder ordering materials.
- Q34.** Is there any irrigation required? I did not see any on the plans.
Response: BL-0024 – No irrigation is proposed in our plans. The specifications state under Maintenance Instructions to use recommended procedures
- Q35.** Can we cut the plates with high-def plasma or a waterjet instead of a laser.
Response: BL-0024 – No, the panels must be laser cut.
- Q36.** Would it be possible to get the CAD files please to help us with the lump sum grading takeoff?
Response: EB-5894 – We will not be providing the CAD files at this time. We are adding an earthwork summary sheet to assist with the grading take off and verify with the cross sections.

Q37. Can you provide the contract drawings in a non-protected PDF?

Response: per the rules as described in Title 21, NCAC 56 .1103 STANDARD CERTIFICATION REQUIREMENTS paragraph (e), bullet 2, we cannot issue PDFs without verification as to the authenticity of documents such as plans which are signed and sealed

INVITATION TO BID

TOWN OF CARY
Cary, North Carolina

Sealed bids must be submitted no later than **1:30 p.m. on January 25, 2024 to the Town of Cary at Town Hall, Conference Room 11130, [1st floor], 316 North Academy Street, Cary, North Carolina, 27512.** Bids will be opened and read publicly for the furnishing of materials, labor, and equipment for the construction of Black Creek Greenway and the North Cary Pedestrian Bridge projects. The brief project description is as follows:

The project generally includes 2.75 miles of trail construction, consisting of 2.0 miles of 12-foot wide asphalt trail (12-foot wide asphalt, 2-foot shoulders), 0.65 miles of new 12-foot and 10-foot wide concrete trail (12-foot or 10-foot wide concrete, 2-foot shoulders, with turndown on stream side), 5 new bridges, and 0.1 miles of new 12-foot wide wooden boardwalk construction and associated demolition, clearing, drainage, erosion control, pavement marking, and signage.

Plans, Specifications and Contract documents may be viewed electronically at <http://townofcary.contractorsplanroom.com> upon registering online after December 14, 2023. Hard copies of Plans, Specifications and Contract documents may be viewed at Cary Town Hall after December 14, 2023. The following agencies have been notified of the project: the Associated General Contractors – Raleigh office, McGraw-Hill Construction Dodge, the North Carolina Institute of Minority Economic Development – Durham office, and the CDC News – Cary office after December 14, 2023

The Town of Cary is not responsible for bidders relying on incomplete bid documents.

Copies of Plans, Specifications and Contract documents may be obtained after December 14, 2023 online at <http://townofcary.contractorsplanroom.com> at vendor pricing.

Contractors submitting a bid on this project have 60 days to obtain a license to do the specified type of contracting in the State of North Carolina. All bids must include a non-collusive affidavit. Contractors offering a proposal on this project must comply, and must ensure that their subcontractors comply, with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes, "Verification of Work Authorization," and must provide documentation or sign affidavits or any other documents requested by the Town of Cary demonstrating such compliance.

The bid shall be accompanied by a not less than five percent (5%) of the amount of the bid in the form and subject to the conditions provided in the Instruction to Bidders. Each contractor will be submitting a single bid.

The Town of Cary reserves the right to reject any or all proposals.

Juliet Andes
Assistant Transportation Director

Paul Webster
Facilities, Construction and Field Services
Director

INSTRUCTIONS TO BIDDERS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE PREPARING AND SUBMITTING YOUR BID.

All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement shall cause the bid to be considered irregular and shall be grounds for rejection of the bid.

1. The bid form furnished by Town of Cary with the proposal shall be used and shall not be altered in any manner. **DO NOT SEPARATE THE BID FORM FROM THE PROPOSAL!**
2. All entries on the bid form, including signatures, shall be written in ink.
3. The Bidder shall submit a unit price for every item on the bid form. The unit prices for the various contract items shall be written in figures. *****Unit prices must be limited to TWO decimal places.*****
4. An amount bid shall be entered on the bid form for every item. The amount bid for each item shall be determined by multiplying each unit bid by the quantity for that item, and shall be written in figures in the "Amount Bid" column of the form.
5. The total amount bid shall be written in figures in the proper place on the bid form. The total amount shall be determined by adding the amounts bid for each item.
6. Changes in any entry shall be made by marking through the entry in ink and making the correct entry adjacent thereto in ink. A representative of the Bidder shall initial the change in ink. Do not use "White Out" or similar product to make corrections.
7. The bid shall be properly executed. All bids shall show the following information:
 - a. Name of individual, firm, corporation, partnership, or joint venture submitting bid.
 - b. Name of individual or representative submitting bid and position or title.
 - c. Name, signature, and position or title of witness.
 - d. Federal Identification Number
 - e. Contractor's License Number (If available)
 - f. Name and phone number of a primary contact person.
8. Bids submitted by corporations shall bear the seal of the corporation.
9. The bid shall not contain any unauthorized additions, deletions, or conditional bids.

10. BID ALTERNATE. Please note that there are bid alternates as part of the project. Please pay close attention to ensure all forms are filled out correctly.

11. The bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

12. THE PROPOSAL WITH THE BID FORM STILL ATTACHED, SHALL BE PLACED IN A SEALED ENVELOPE, COMPLETED UPON BLANK FORMS PROVIDING IN THE PROJECT MANUAL, AND SHALL HAVE BEEN DELIVERED TO AND RECEIVED IN TOWN HALL, CONFERENCE ROOM 11130, [1ST FLOOR], 316 NORTH ACADEMY STREET, CARY, NORTH CAROLINA, 27512, BY 1:30 P.M. ON, THURSDAY, JANUARY 25, 2024.

13. The sealed bid must display the following statement on the front of the sealed envelope:

“QUOTATION FOR – Black Creek Greenway – EB-5894 and Cary Parkway Sidewalk at Black Creek – BL-0024 TO BE OPENED AT 1:30 P.M. ON THURSDAY, JANUARY 25, 2024.”

14. If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

**TOWN OF CARY
Attn: Kyle Hubert
PO Box 8005
Cary NC 27512-8005**

15. Each bid shall be accompanied by a Bid Bond payable to the Town of Cary for an amount of not less than five percent (5%) of the total amount bid; or in lieu of the Bid Bond, the bidder may offer the bid deposit in the form of a cashier's check, or a certified check on a bank or trust company insured by the FDIC. The bid bond must be executed by a corporate surety licensed in North Carolina. The bid deposit may be held for a period of sixty (60) days pending award of the contract. Notification of award of contract shall be evidence of intent to contract and shall extend time for holding the contractor's bid surety for a time mutually agreed between the Town of Cary and the bidder.

16. The Town is advertising and letting the Black Creek Greenway and Cary Parkway Sidewalk at Black Creek as one combined package and will be awarding both projects to the same contractor. There shall be no bidding on only one project without the other and unit prices must match on both bid forms for the same bid items. The basis for award of the contract shall be the total amount of both projects combined base bids

without alternates. Any similar line item within the itemized proposal shall have, and be paid for, at the same unit price excluding lump sum items. In the case that similar bid items do not have the same unit price the lowest unit price submitted for those items will be applied throughout.

17. A pre-bid meeting will be held with the Engineer and Owner at 10am on January 4, 2024 at Town Hall, Room 10035 on the 1st Floor to discuss the project and answer pertinent questions. No oral interpretations will be made as to the meaning of the Contract Documents. Interpretation, if deemed necessary, will be in the form of a written Addendum.

18. The award of the Contract, if it is awarded, will be to the lowest responsive, responsible bidder whose qualifications indicate the award will be in the best interest of the Town of Cary (Owner). The Town of Cary reserves the right to waive technicalities and/or reject any or all proposals. The combination of both projects total base price will be the basis for awarding the contract.

19. A Performance Bond and a Payment Bond, each in the amount of one hundred percent (100%) of the contract price, with a corporate surety approved by the Town of Cary, will be required for the faithful performance of the contract. Bidders shall provide certification that performance and payment bond sureties are licensed in North Carolina.

20. All questions about the meaning or intent of the Contract documents shall be submitted in writing to Graham Bruns, PE, Greenway Manager, McAdams Co, bruns@mcadamsco.com. Replies will be issued by Addenda on **January 19, 2024**, mailed or delivered to all parties recorded by the Engineer as having received the Bidding Documents. Questions received less than five business days prior to the date for opening of Bids may not be answered. Only questions answered by written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

21. Addenda, when issued, will be on file at the offices of the Owner and Engineer at least twenty-four hours before bids are opened. It shall be the Bidder's responsibility to make inquiry as to the Addenda issued. All such Addenda shall become part of the Contract Documents and all Bidders shall be bound by such Addenda, whether or not received by the Bidders.