

**THE PUBLIC IS INVITED TO REVIEW AND COMMENT ON  
THE KNOBCONE AVENUE SIDEWALK PROJECT  
SUBMITTED BY THE CITY OF NORTH AUGUSTA  
FOR THE  
TRANSPORTATION ALTERNATIVES SET-ASIDE PROGRAM (TAP)**

The Augusta Regional Transportation Study Metropolitan Planning Organization (ARTS MPO) invites the public to participate in the 21-day review period (Monday, August 10, 2020 through Monday, August 31, 2020) of the Knobcone Avenue Sidewalk Project.

The Augusta Regional Transportation Study (ARTS) is a bi-state Metropolitan Planning Organization (MPO) that covers all or part of Columbia and Richmond Counties in Georgia; and, Aiken and Edgefield Counties in South Carolina. In December 2015, Congress adopted the Fixing America's Surface Transportation Act (FAST) providing federal transportation funding. The act includes funding for highway construction and maintenance, transit, and non-vehicular transportation. The FAST Act's primary tool for funding non-vehicular projects is the Transportation Alternatives Program (TAP). Eligible projects include on-road and off-road trail facilities for pedestrians, bicyclists, and other non-vehicular modes of transportation; improved pedestrian and bicycle routes to schools and other destinations; and construction of scenic vistas and turnouts.

The Knobcone Avenue Sidewalk Project will be available online for public review from Monday, August 10, 2020 to Monday, August 31, 2020.

We have attached the document here for ease of viewing.

Questions and comments regarding the Knobcone Avenue Sidewalk Project or MAP-21 TAP funding may be directed to Transportation, Planner LJ Peterson at 803-642-1520 or [tplanning@aikencountysc.gov](mailto:tplanning@aikencountysc.gov).

Persons who require special accommodations under the Americans with Disabilities Act or those requiring language translation services may contact the office of the Aiken County Planning and Development Department at (803) 642-1520 or send an e-mail to [TPlanning@aikencountysc.gov](mailto:TPlanning@aikencountysc.gov).

# Department of Planning And Development



Memorandum # 20-020

City of North Augusta

**To:** SCDOT, TAP Program Administration  
**From:** Libby Hodges, Director   
**Subject:** Knobcone Avenue Sidewalk TAP Grant Application Revision  
**Date:** July 22, 2020

Good afternoon.

After a recommendation by SCDOT to revise the preliminary cost estimate, the City Engineer has revised the preliminary cost estimate to a total of \$ 350,000. This is inclusive of the required 10% contingency. The City has committed to the \$70,000 match from the Street Improvement Fund.

The City requests that the amount available for the project be increased to match the new preliminary cost estimate, \$350,000, with \$280,000 from SC ARTS and a \$70,000 match from North Augusta. The scope of the project has not changed.

The City Council has provided a resolution of support and letter from the City Administrator supporting the additional project and additional match requirements.

Attached is an updated TAP Application showing the updated cost information and support documents from the City Council.

If you have any questions or need any further information, please let me know.

Attachments

cc. LJ Peterson, Transportation Planner, ARTS

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

**TRANSPORTATION ALTERNATIVES PROGRAM (TAP) APPLICATION**

APPLICANT: City of North Augusta DATE: 6/6/2019  
ADDRESS: 100 Georgia Avenue PHONE: 803-441-4225  
CITY: North Augusta STATE: SC ZIP: 29841  
CONTACT PERSON: Libby Hodges TITLE: Director of Planning & Development  
CONTACT EMAIL: lhodges@northaugusta.net

**PROJECT INFORMATION:**

NAME OF PROJECT: Knobcone Sidewalk Project

BRIEF PROJECT DESCRIPTION: Installation of a sidewalk between Paul Knox Middle School and North Augusta High School

PROJECT LOCATION: Knobcone Ave. from the intersection with Pisgah Road to the North Augusta High School entry road

LENGTH & TERMINI (i.e. where does project begin & end) (IF APPLICABLE): ~2200 linear ft. along Knobcone Avenue, from the entry drive to North Augusta High School to the intersection with Pisgah Road.

COUNTY: Aiken HOUSE DISTRICT: 83  
SENATE DISTRICT: 24 CONGRESSIONAL DISTRICT: 2

**PROJECT CATEGORY AND LOCATION OF PROJECT:**

(CHECK ONLY THOSE APPLICABLE ACTIVITIES AND LOCATIONS)

- Provisions of facilities for bicycles
- Provisions for pedestrians
- Provisions for streetscaping
- In urbanized areas of the State with an urbanized area population of over 200,000, also known as a Transportation Management Area (application to be reviewed and approved by appropriate MPO)
- In areas of the State other than urban areas with a population greater than 5,000
- In areas of the State with a population less than 5,000

Mail **ORIGINAL** and **SIX(6) COPIES** of application to:  
South Carolina Department of Transportation  
Local Program Administration Office  
955 Park Street, Room 424  
P.O. Box 191  
Columbia, South Carolina 29202

(PLEASE ANSWER THE FOLLOWING IN SPACES PROVIDED.)

**A. ELIGIBILITY DEMONSTRATION: "SEE ATTACHED" IS NOT ACCEPTABLE.**

1. Does the project meet the requirements outlined within the **FAST Act**?  
 YES     NO
2. Does project conform to applicable requirements of Americans with Disabilities Act and any other state or federal laws concerning accessibility?  
 YES     NO

EXPLAIN BRIEFLY:

The project will comply with ADA requirements for public sidewalks.

**B. PROJECT DESCRIPTION: “SEE ATTACHED” IS NOT ACCEPTABLE.**

Does the applicant intend to apply to perform the administration and management functions for the project through the Local Public Agency (LPA) process?

YES     NO

Describe all necessary work needed to complete the proposed project. Description should reflect only activities checked under project category:

The project will consist of building an ADA compliant sidewalk for approximately 2200 linear feet along Knobcone Avenue in North Augusta.

The project will be bid following local procedures and per any agreements with SCDOT.

The project will be installed within the existing right-of-way. The street crossing will be striped per SCDOT standards. The sidewalk will require tree removal, grading and sidewalk installation.

**C. MAPS, PLANS, & PHOTOGRAPHS:**

Attach project location map(s), project boundary map and site plan. Include photographs of the existing site and/or facility if applicable. **COMMENTS:** Please see attached. Item C-1 are the vicinity project boundary maps.

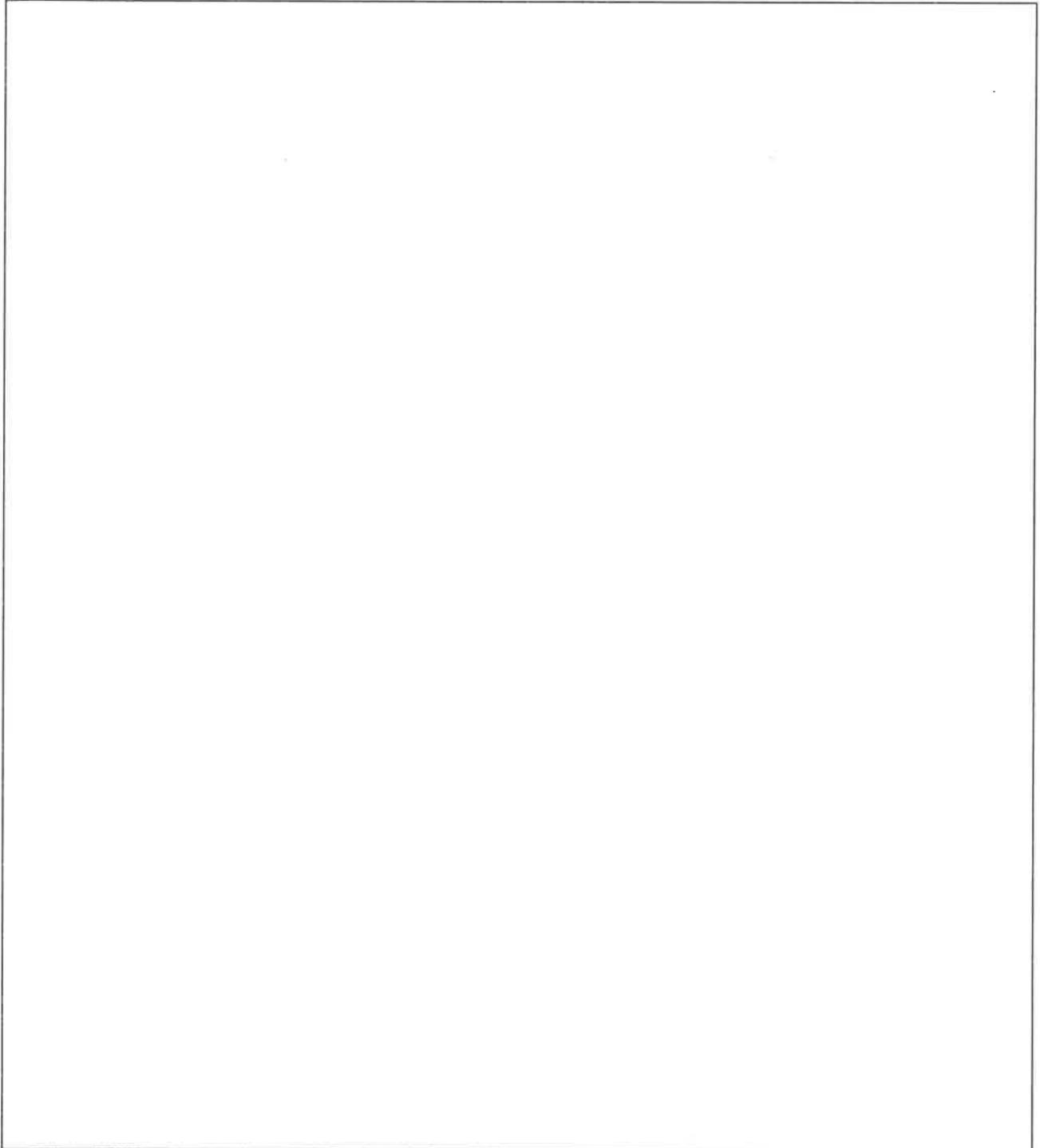
Item C-2 is the preliminary sidewalk plans. Item C-3 are the existing site pictures.

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**D. PROJECT COST: “SEE ATTACHED” IS NOT ACCEPTABLE.**

Itemize all project elements and costs. List item, description, quantity, unit price, amount, etc. Ensure costs shown are accurate and sufficient to satisfactorily complete all work anticipated in accordance with federal requirements. If the project is located in close proximity to a railroad crossing that does not have automatic gates with flashing light signals (within 500’ along the mainline roadway, and within 200’ of the mainline roadway on intersecting roads), project funds to upgrade the railroad signals may be required pursuant to federal regulations. All budget item costs for project administration and management to adequately accomplish the work must be shown. These expenses are to include engineering, inspection, and testing in accordance with state and federal requirements. **Applicants MUST show a 10% contingency fee for the project.** (Enter total project cost in Section I – Line 1, Page 9.) Itemize below:

Item	Quantity	Unit	Unit Price	Est. Price
Mobilization	1	lump sum	\$ 20,500.00	\$ 20,500.00
Bonds and Insurance	1	lump sum	\$ 8,200.00	\$ 8,200.00
Traffic Control	1	lump sum	\$ 15,000.00	\$ 15,000.00
CPM Schedule	1	lump sum	\$ 2,500.00	\$ 2,500.00
Construction Stakes, Lines and Grades	1	lump sum	\$ 5,500.00	\$ 5,500.00
Clearing and Grubbing within Roadway	1	lump sum	\$ 10,000.00	\$ 10,000.00
Unclassified Excavation	826	cubic yard	\$ 20.00	\$ 16,520.00
Grading	1	lump sum	\$ 11,063.82	\$ 11,063.82
Removal of Existing Asphalt	20	square yard	\$ 60.00	\$ 1,200.00
Removal and Disposal of Existing Curb	294	linear foot	\$ 5.00	\$ 1,470.00
Removal and Disposal of Concrete Driveway	62	square yard	\$ 75.00	\$ 4,650.00
2.0' Curb and Gutter	120	linear foot	\$ 30.00	\$ 3,600.00
Maintenance Stone	50	tons	\$ 60.00	\$ 3,000.00
Full Depth Asphalt Pavement Patching 10"	20	square yard	\$ 55.00	\$ 1,100.00
4" Concrete Sidewalk	950	square yard	\$ 60.00	\$ 57,000.00
6" Concrete Driveway	94	square yard	\$ 85.00	\$ 7,990.00
Pedestrian Ramp Construction	92	square yard	\$ 165.00	\$ 15,180.00
Detectable Warning Surface	80	square feet	\$ 60.00	\$ 4,800.00
Class 3000 Concrete (Concrete Stairs)	11	cubic yard	\$ 125.00	\$ 1,375.00
Steel Handrail for Stairs	250	linear foot	\$ 15.00	\$ 3,750.00
Modular MSE Wall w/railing	1800	square foot	\$ 50.00	\$ 90,000.00
15" RCP	10	linear foot	\$ 145.00	\$ 1,450.00
Removal of Pavement Markings	62	linear foot	\$ 5.00	\$ 310.00
8" Perm. Pvmnt Markings	260	linear foot	\$ 3.00	\$ 780.00
24" Perm Pvmnt Markings	60	linear foot	\$ 20.00	\$ 1,200.00
Permanent Construction Signs	444	square yard	\$ 9.50	\$ 4,218.00
Sodding	700	square yard	\$ 4.50	\$ 3,150.00
Landscaping	1	lump sum	\$ 5,000.00	\$ 5,000.00
Inlet Structure Filter	12	each	\$ 200.00	\$ 2,400.00
Silt Fence	2000	linear foot	\$ 3.50	\$ 7,000.00
Replace/Repair Silt Fence	350	linear foot	\$ 4.00	\$ 1,400.00
Removal of Silt Retained by Silt Fence	875	linear foot	\$ 5.00	\$ 4,375.00
Testing	1	Lump Sum	\$ 2,500.00	\$ 2,500.00
			Construction Quantity Total	\$ 318,181.82
			Contingency (10%)	\$ 31,818.18
			Total Project Estimate	\$ 350,000.00

**E. PROPERTY OWNERSHIP:**

Identify ownership of ALL property involved in the project. If additional property must be acquired to complete the project, identify ownership and value of property, either purchased or donated:

**(NOTE: For all projects on SCDOT rights of way, include with your application either a copy of the approved SCDOT Encroachment Permit or a letter from your SCDOT County Maintenance Office or SCDOT District Office indicating your project appears feasible in concept with specific details to be worked out in an Encroachment Permit.)**

All of the work is within an existing SCDOT right-of-way.

In case of an agreement with the Aiken County Board of Education, some additional site disturbance may be created on their property. This will not create any additional costs.

The project was previously permitted under an encroachment permit with SCDOT, but was not completed at that time.

**F. LOCAL SUPPORT**

Describe the level of local support for the proposed project. Attach letters from donors or sponsors committing non-federal share of project costs, commitment or support from sponsors, local government officials and regional organizations. Document the opportunities for public participation in the development of this project.

Attached are letters of support from the City of North Augusta City Council and Aiken County School District. The City of North Augusta is committed to providing the funds required for the match and construction of the project.

This project has been requested to be completed by the City Council for several years. Several members of the public have asked City Council to provide this sidewalk in order to safely allow children to move between the two schools, as there are joint programs and opportunities for middle school students provided at the high school.

**G.PROJECT MAINTENANCE & MANAGEMENT PLANS:**

Describe maintenance and management of the project, including the yearly amount of funds to support activities: Provide details for long-term maintenance of the project with project yearly maintenance costs.

The project will be managed by the North Augusta Engineering & Public Works Department.

The project should need minimal maintenance aside from normal continuing maintenance for sidewalks and crosswalks.

Any maintenance in excess of normal maintenance and repair will be completed by the City of North Augusta.

**H. DATA UNIVERSAL NUMBER (DUNS NUMBER):** 079378790

(The federal government requires that all applications for Federal grants and cooperative agreements with the exception of individuals other than sole proprietors have DUNS number. The Federal government will use the DUNS number to better identify related organizations that are receiving funding under grants and cooperative agreements, and to provide consistent name of address data for electronic grant application systems. If an applicant needs to obtain a DUNS Number, please call the dedicated toll-free DUNS Number request line a 1-866-705-5711).

**I. ENVIRONMENT ASSESSMENT:**

Attach any previously prepared environmental documentation to this application. If no previously approved environmental documentation is available, the applicant must complete necessary studies if any, and have them approved prior to project implementation. This requirement does not apply if the application is for planning or feasibility studies only. Indicate below any impact the project is expected to cause.

	<u>IMPACT</u>	
	<u>YES</u>	<u>NO</u>
Displacement of residences or business .....	<input type="radio"/>	<input checked="" type="radio"/>
Disruption of neighborhoods.....	<input type="radio"/>	<input checked="" type="radio"/>
Impacts agricultural or recreational lands.....	<input type="radio"/>	<input checked="" type="radio"/>
Impacts historical/archaeological sites .....	<input type="radio"/>	<input checked="" type="radio"/>
Impacts wetlands, streams/lakes, floodplains .....	<input type="radio"/>	<input checked="" type="radio"/>
Within coastal zone .....	<input type="radio"/>	<input checked="" type="radio"/>
Endangered species .....	<input type="radio"/>	<input checked="" type="radio"/>
Air/water quality .....	<input type="radio"/>	<input checked="" type="radio"/>
Noise.....	<input type="radio"/>	<input checked="" type="radio"/>
Hazardous waste site.....	<input type="radio"/>	<input checked="" type="radio"/>

Any county, state, and/or federal permits required will have to be secured by the applicant prior to contract signing. These may include Army Corps of Engineers, Office of Coastal Resource Management, Coast Guard, Federal Energy Regulatory Commission, County Sediment and Erosion Control and Stormwater Management Ordinance, or State Budget and Control Board.

**Comments:**

No other permits are anticipated due to the project location within the existing right-of-way.

**J. FUNDS REQUESTED, LOCAL MATCH AND SOURCE**

LINE 1 – Total project cost (From Section D; Page #5) \$ 350,000

LINE 2 – Funds requested by applicant \$ 280,000  
 (80%) of line 1, not to exceed \$400,000

LINE 3 – Local Match (Must be at least 20 % of Line 1 \$ 70,000  
 List source of match and amount from each  
 source

**LIST SOURCES (Be Specific)**

**AMOUNT**

A - Street Improvement Fund \$ 70,000

B - \_\_\_\_\_ \$ \_\_\_\_\_

C - \_\_\_\_\_ \$ \_\_\_\_\_

D - \_\_\_\_\_ \$ \_\_\_\_\_

E - \_\_\_\_\_ \$ \_\_\_\_\_

**TOTAL AMOUNT OF MATCH** (Should be equal to Line #3 above.) \$ 70,000

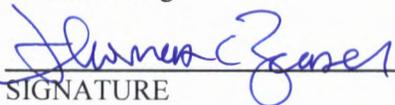
Is project within a Transportation Management Area (TMA) boundary?  YES  NO

If yes, is the project in the Transportation Improvement Program (TIP)?  YES  NO

List TMA \_\_\_\_\_ Amount in TIP for project: \$ \_\_\_\_\_

**K. CERTIFICATION**

The undersigned has authority to sign on behalf of the applicant and certifies that the applicant has legal authority to enter into contract to implement this project and that all information provided is complete and accurate to their best knowledge.

 \_\_\_\_\_ 4/23/20 \_\_\_\_\_  
 SIGNATURE DATE

Director of Engineering & Public Works (803) 442-5700 \_\_\_\_\_  
 TITLE PHONE NO.

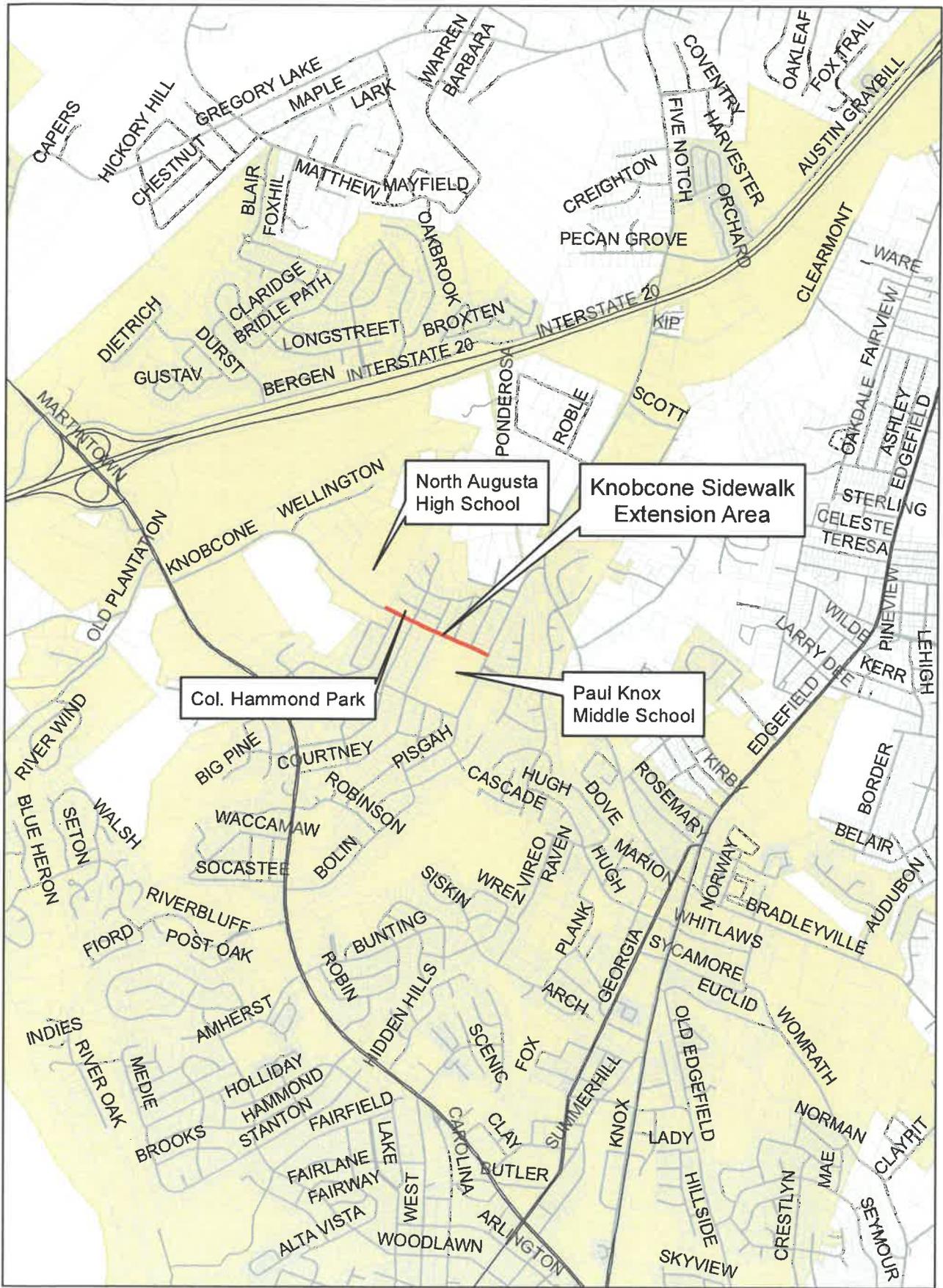
Thomas C. Zeaser \_\_\_\_\_  
 PRINTED NAME

## **Item C Attachments**

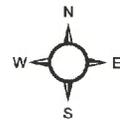
C-1: Vicinity Map and Project Boundary Map (2 pages)

C-2: Preliminary Plans (2 pages)

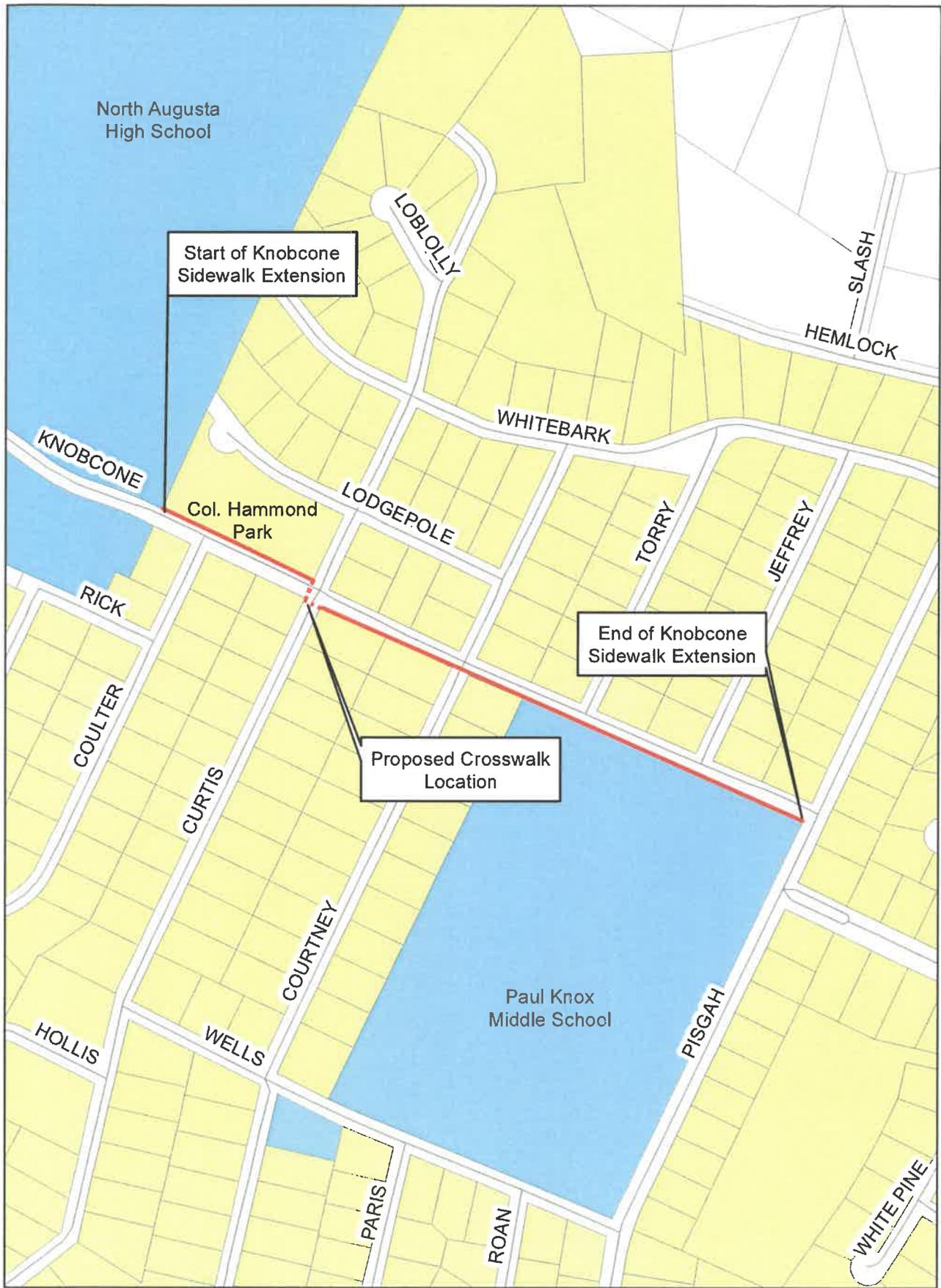
C-3: Project Site Photographs (4 pages)



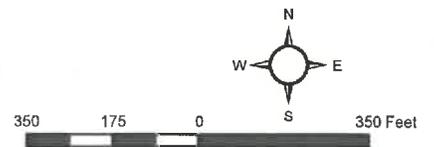
Vicinity Map  
Knobcone Sidewalk Extension



Date: 6/6/2019



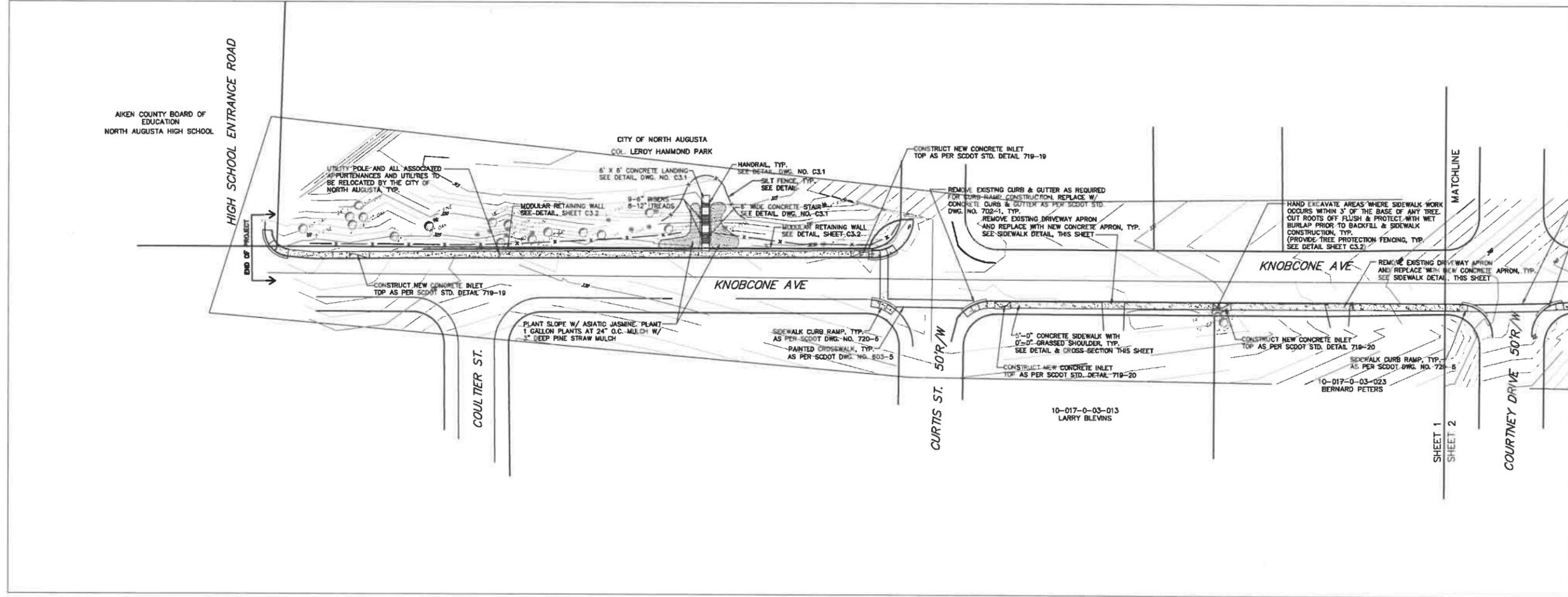
**Knobcone Sidewalk Extension  
Project Area Map**



Date: 6/6/2019



South Carolina's Riverfront



KNOBCCONE AVENUE SIDEWALK

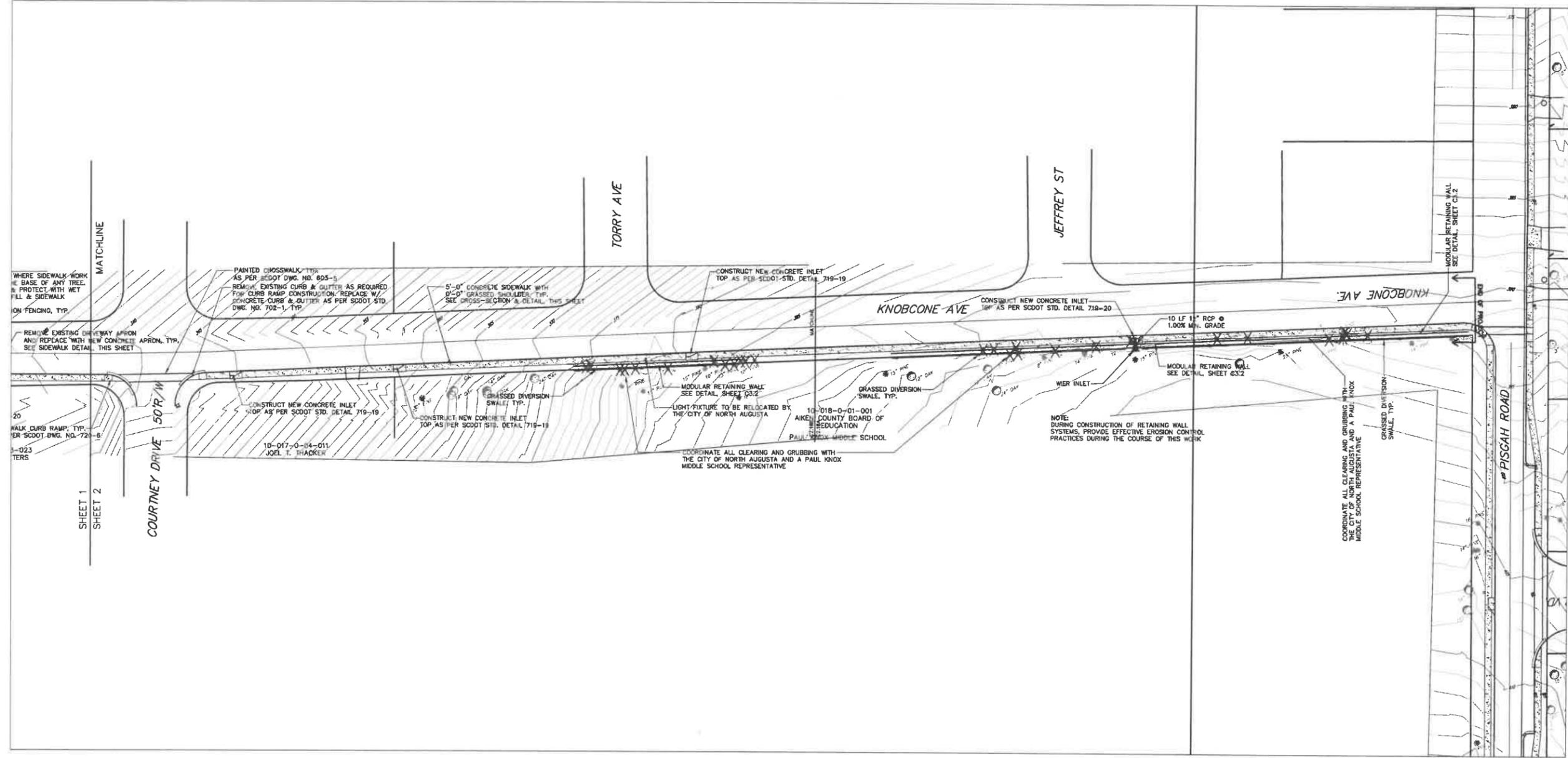
PLAN

DATE: 4/1/2019

SCALE: N.T.S.

SHEET: 1

PREPARED BY:  
THE CITY OF NORTH AUGUSTA  
ENGINEERING DEPARTMENT  
PO BOX 6400  
100 GEORGIA AVENUE  
NORTH AUGUSTA, SC 29861-6400  
(803)441-4321



**NOBSCONE AVENUE SIDEWALK**

PLAN

DATE: 4/1/2019 SCALE: 1" = 40'

SHEET: 2

PREPARED BY:  
 THE CITY OF NORTH AUGUSTA  
 ENGINEERING DEPARTMENT  
 PO BOX 6400  
 100 GEORGIA AVENUE  
 NORTH AUGUSTA, SC 29881-6400  
 (803)414-4221

**Item C-3: Project Site Photographs**



*Figure 1: Sidewalk will begin at the intersection with Pisgah Road and connect to an existing sidewalk. The sidewalk will follow along the Board of Education property. Additional grading easements may be obtained as needed.*



*Figure 2: Looking west along Knobcone Drive. Knox Middle School property is to the left. The intersection at the bottom of the hill is Courtney Drive.*

**Item C-3: Project Site Photographs**



*Figure 3: Looking west along Knobcone at Courtney Drive.*



*Figure 4: Looking east, along Knobcone Drive at Courtney Drive towards Pisgah Rd.. The sidewalk will follow the right side of Knobcone Drive toward Pisgah. The Knox Middle School property begins just behind the white garage.*

**Item C-3: Project Site Photographs**



*Figure 5: Pedestrians will cross at a four-way stop at Curtis Drive, the only four-way stop along the route.*



*Figure 6: Looking east on Knobcone from Curtis Drive, facing towards Pisgah Rd.*

**Item C-3: Project Site Photographs**



*Figure7: Looking east on Knobcone Ave. towards Curtis Drive. The project will end at the intersection of the entrance drive of the high school and includes crosswalk markings to connect with the existing sidewalk. Col. Leroy Hammond Park is on the other side of the entrance drive.*

## **Items E & F Attachments**

**Item E:**

**Feasibility Review: SCDOT District Permit Engineer**

**Item F:**

**Letters of Support:**

**City of North Augusta, letter of support from the City Administrator**

**City of North Augusta, City Council resolution of support**

**Aiken County Public Schools, letter of support from the Superintendent**



Aiken County  
Allendale County  
Bamberg County  
Barnwell County  
Calhoun County  
Clarendon County  
Hampton County  
Orangeburg County

June 3, 2019

Thomas C. Zeaser, P.E.  
Director of Engineering & Public Works  
City of North Augusta  
100 Georgia Avenue  
North Augusta, SC 29841-3843

RE: Knobcone Avenue Sidewalk Project – Feasibility Review for TAP Funding

Dear Mr. Zeaser:

This letter is to inform you that my office has reviewed the concept plans for the proposed new sidewalk along S-1905, Knobcone Avenue. This project appears feasible in concept with specific details to be worked out during the encroachment permit process.

Sincerely,

Kevin Webber, P.E.  
District Permit Engineer

KLW

cc: Resident Maintenance Engineer Burns

District Seven Engineering  
Post Office Box 1086  
1724 Charleston Highway  
Orangeburg, SC 29116  
803-531-6850 | 803-531-6854 Fax



www.scdot.org  
An Equal Opportunity  
Affirmative Action Employer  
855-GO-SCDOT (855-467-2368)

July 22, 2020

**Re: North Augusta TAP Project Submittal Letter of Support, Knobcone Avenue Sidewalk**

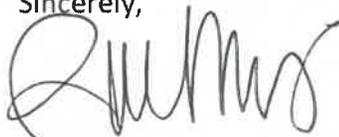
Dear TAP Project Review Committee, ARTS Policy Committee and SCDOT Commission:

Please accept this letter as an indication of the continued support of the City Council of North Augusta.

We believe this project is necessary to provide a safer route for school children between our Knox Middle School and North Augusta High School campuses.

Attached is a copy of the resolution of support.

Sincerely,



Rachelle Moody, Interim City Administrator

Attachment

RESOLUTION NO. 2020-26

AUTHORIZING THE CITY ADMINISTRATOR TO PROVIDE A REVISED LETTER OF SUPPORT FOR THE PLANNING AND DEVELOPMENT DEPARTMENT'S TRANSPORTATION ALTERNATIVE PROGRAM APPLICATION TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR EXPANSION OF THE KNOBCONE AVENUE SIDEWALK

WHEREAS, the City of North Augusta has previously adopted Resolution 2019-17 expressing support for and authorizing the City Administrator to provide a letter of support for the project; and

WHEREAS, the Transportation Alternative Program (TAP) program identified additional funds that have been requested to be used towards this project; and

WHEREAS, during an approval review, the South Carolina Department of Transportation (SCDOT) requested a revision in the cost estimate for the project; and

WHEREAS, after a request by the South Carolina Department of Transportation (SCDOT), the City Engineer has provided a revised cost estimate of \$350,000 for the improvements; and

WHEREAS, the Federal government will continue to reimburse the City for up to eighty percent of eligible project costs and City of North Augusta would be responsible for a local match of twenty percent or more; and

WHEREAS, the SCDOT has requested the City of North Augusta revise letters expressing support for the application and commitment to provision of matching funds.

NOW THEREFORE BE IT RESOLVED by the Mayor and City Council for the City of North Augusta, in meeting duly assembled and by the authority thereof, that the City Administrator is hereby authorized to take such steps as necessary to write a revised letter of support to the SCDOT expressing the continued commitment of the City of North Augusta to the Knobcone Avenue sidewalk project.

DONE, RATIFIED, AND ADOPTED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH AUGUSTA, SOUTH CAROLINA, ON THIS 20 DAY OF ~~JUNE~~ <sup>July</sup>, 2020.

*Tabled June 15, 2020  
Removed from Table July 20, 2020*

*July*  
  
\_\_\_\_\_  
Robert A. Pettit, Mayor

ATTEST:

  
\_\_\_\_\_  
Sharon Lamar, City Clerk



**AIKEN COUNTY**  
PUBLIC SCHOOLS

May 10, 2019

To Whom It May Concern,

Please accept this letter as evidence of our continued partnership with the City of North Augusta and full endorsement of their proposed safety project. The plan to construct a sidewalk between Paul Knox Middle School and North Augusta High School has been considered for years because it has been a community need for just as long. Currently, hundreds of students walk unsafe roadside routes back and forth between the sites. The addition of a sidewalk would certainly enhance student and community safety.

Thank you for the opportunity to share our support for the project. Please let me know if I can be of further assistance.

Respectfully,

A handwritten signature in black ink, appearing to read 'S. Alford', is written over the printed name.

Sean Alford, Ph.D.  
Superintendent

**SEAN ALFORD, PH.D., SUPERINTENDENT**  
1000 Brookhaven Drive • Aiken, South Carolina 29803  
803.641.2430 • 803.642.8903 fax  
[acpsd.net](http://acpsd.net)