



CITY OF ARCHDALE

CITY COUNCIL

MEETING DATE: Tuesday August 25, 2020

SUBJECT: Resolution of Support to Apply for a Grant through the North Carolina Recreational Trails Program for Extension of Greenway Trail from Roby Drive to Archdale Trinity Middle School (ATMS).

RECOMMENDATIONS OR COMMENTS: Staff has discovered a grant opportunity through the North Carolina Recreational Trails Program. The grant amount sought is \$200,000 and a minimum 25% Match is required. This greenway extension the City of Archdale is applying to this grant for is a 2,400 paved, 10-foot-wide greenway that will begin at the end of our current greenway on Roby Drive. After crossing a bridge and reaching Robin Lane, it will follow right-of-way to the back end of Archdale-Trinity Middle School (ATMS). The project is a priority of the City's adopted Pedestrian & Trails Network Plan and will enhance access to the park and its 3 miles of trails and other outdoor activity and encourage healthy and active lifestyles for residents, students and employees.

The estimated total cost of this section of greenway is \$584,000 (Pedestrian & Trails Network Cut Sheet #1). Staff feels that this project will be a strong candidate for the grant. As part of the grant application process, the state requires support from the local governing body.

SUMMARY OF INFORMATION: Resolution of Support, Detailed Project Cut Sheet.

ATTACHMENTS: YES NO



**RESOLUTION OF SUPPORT FOR EXTENSION OF
GREENWAY TRAIL FROM ROBY DRIVE TO ARCHDALE
TRINITY MIDDLE SCHOOL**

WHEREAS, the City Council is the duly recognized decision-making body for the City of Archdale; and

WHEREAS, to improve the city's pedestrian network and to provide more recreational opportunities, the city intends to connect the Robin's Nest subdivision and Archdale Trinity Middle School (ATMS) to our current greenway system; and

WHEREAS, the City of Archdale intends to construct an asphalt greenway trail from the existing termination at Roby Drive to ATMS; and

WHEREAS, this connection is a planned greenway as part of the city's Pedestrian & Trails Network Plan adopted in 2018; and

WHEREAS, the city will apply to the North Carolina Recreational Trails Program for a grant to fund \$200,000 of the greenway's \$584,000 estimated design, construction, and administration cost; and

NOW, THEREFORE BE IT RESOLVED, that the City of Archdale fully supports the proposed greenway extension to the Robin's Nest neighborhood and ATMS and intends to match \$384,000 of the estimated greenway cost if awarded the grant from the North Carolina Recreational Trails Program.

Adopted this 25th day of August 2020.

Bert Lance-Stone, Mayor

ATTEST:

Susan T. Swaim, City Clerk

1. SHARED-USE PATH: ARCHDALE PARKS AND RECREATION TO ARCHDALE-TRINITY MIDDLE SCHOOL

This project connects the Archdale Parks and Recreation to Archdale Trinity Middle School. The proposed greenway connection follows existing public easements and stays within roadway right-of-ways until it reaches the middle school. Since most of the trail alignment is located along trail easements, only a few meetings with nearby private residential property owners will be needed.

PROJECT AT A GLANCE

- Project type: greenway, sidepath, crosswalks
- Length: 2,400 ft (0.45 miles)
- Trip Generators:
 - » Archdale Parks and Recreation
 - » Archdale-Trinity Middle School
 - » Nearby neighborhood

PARCEL INFORMATION

Property Type	Length	# of Parcels
Industrial	0 LF	0
Residential	0 LF	0
Public	2,400 LF	4

POTENTIAL PERMITTING NEEDS

- Randolph County/Archdale Stormwater Management (National Pollutant Discharge Elimination System General Permit)
- Randolph County/Archdale Land Disturbance Permit

POTENTIAL PARTNERSHIPS

- City of Archdale
- Randolph County Schools

ESTIMATED CONSTRUCTION COST

Quantity	Item	Cost
2,400 LF	Asphalt Trail	\$391,000
	Contract Cost	\$391,000
	Design and Engineering Cost	\$76,245
	Acquisition Cost	\$0
	30% Contingency Cost	\$117,300
	Total Construction Cost	\$584,545



OPPORTUNITIES AND CONSTRAINTS

1. The trail follows along the edge of a property's fence line, along a public easement.
2. The trail moves along the north side of the road in front of residential property and within the right-of-way.
3. The trail crosses Robyn Lane and will need a high-visibility crosswalk.
4. The trail is to be located on the east side of Robyn Circle in front of residential properties and within the right-of-way.
5. The trail connects to the Archdale Trinity Middle School; due to the topography, the trail would need to switchback.

5. ARCHDALE-TRINITY MIDDLE SCHOOL CONNECTION

DESIGN CONSIDERATIONS

1. A Greenway with a 10 foot buffer follows alongside Robyn Circle, until it reaches Trinity Middle School.
2. In the space between Robyn Circle and the greenway, the existing ditches could be replaced by rain gardens for stormwater runoff.
3. A mulch or dirt pedestrian pathway leads to existing stairs, for a quick and alternative access route to the middle school ball park.
4. To create an ADA accessible pathway to the middle school and ball park, the pathway would have to switchback for a length of 240 feet, in order to reach the ball park at a 4.5% grade.



This is not a design plan; precise locations and elements should be designed in accordance with engineering standards and NCDOT review.