Atlantic Avenue Widening Project

Roadway Design & Construction
AECOM
Project Location

• Atlantic Avenue
• From Highwoods Boulevard to New Hope Church Road
Existing Conditions

- Existing four lane undivided roadway with curb and gutter
- Sidewalk on east side
Project Purpose

- Improve safety
- Improve mobility and connectivity for pedestrian, bicycle, and vehicular traffic
Safety

- Installing a non-traversable median on an undivided roadway reduces crashes by 21 to 53 percent.¹
- Raised medians are associated with a 45 percent reduction in pedestrian crashes and 78 percent reduction in pedestrian fatalities.¹
- Making a U-turn at a median opening to get to the opposite side of a busy roadway is approximately 25 percent safer than a direct left turn from a side street or other access point.¹

¹. https://safety.fhwa.dot.gov/intersection/other_topics/corridor/camtech/sa1500505.cfm
Proposed Design

- Four 11’ travel lanes with a 17’ median
- Curb and gutter
- 10’ Multiuse Path (West Side)
- 5’ Sidewalk (East Side)
Design Elements

Vegetated Median with Left Turn Lanes

• Improve safety
• Improve mobility for vehicular traffic
Design Elements

Signal Enhancements

- Modifications at
  - New Hope Church Road
  - Highwoods Boulevard
- Proposed signal at Bramer Drive
Design Elements

Multiuse Path and Sidewalks

• Expand active transportation options
  • Accommodations along both sides of roadway
  • Separation of bicyclist and motorist traffic
Design Elements

Additional Project Amenities

• Landscaping
• Stormwater improvements
• Future transit accommodations
Public Engagement

• Concept Design Meeting – Completed 4/10/19
• Preliminary Design Meeting (25%) – Today
• Advanced Design Meeting (65%) – Summer 2020
• City Council Presentation – Fall 2020
<table>
<thead>
<tr>
<th>Comment</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi use path lacks connectivity.</td>
<td>Future plans are being considered to extend the trail under I-440 to downtown.</td>
</tr>
<tr>
<td>Business owners are concerned about impacts.</td>
<td>City is coordinating with business owners throughout the project duration.</td>
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<tr>
<td>Residents are concerned wider lanes will increase travel speeds.</td>
<td>Proposed typical section brings lanes up to acceptable standards.</td>
</tr>
<tr>
<td>Neighborhood would prefer full access intersection at Ingram Drive.</td>
<td>Adding protected left turn lane onto Ingram Drive. Pursuing offsite improvements to improve traffic flow.</td>
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</table>
Ingram Drive Alternative Route

- Cars will use Brentwood Road to New Hope Church Road
  - Approximately 230 cars per day
- Traffic calming project under review on Brentwood Road
Atlantic Avenue and Bramer Drive
Project Cost

- $11.6 Million
  - Construction
  - Right-of-way acquisition
  - Landscaping
  - Engineering design services
  - Utility relocation
## Project Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer 2020</td>
<td>Design Plan Public Meeting</td>
</tr>
<tr>
<td>Fall 2020</td>
<td>City Council Project Presentation</td>
</tr>
<tr>
<td>Summer 2021</td>
<td>Complete Right of Way and Easement Acquisition</td>
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<tr>
<td>Fall 2021</td>
<td>Advertise for Construction Bids</td>
</tr>
<tr>
<td>Winter 2021</td>
<td>Award Construction Contract</td>
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<tr>
<td>Spring 2023</td>
<td>Project Complete</td>
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We want to know what you think.

Please take a moment to take the online survey (https://publicinput.com/4144) by November 22 or fill out a comment form tonight.
Questions?

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