

# Fordham Boulevard Sidepath

## Town Council Meeting

March 4, 2020



Kimley»Horn

# Presentation Outline

- Project Background
- Design Alternatives
- New Information
- Recommendations

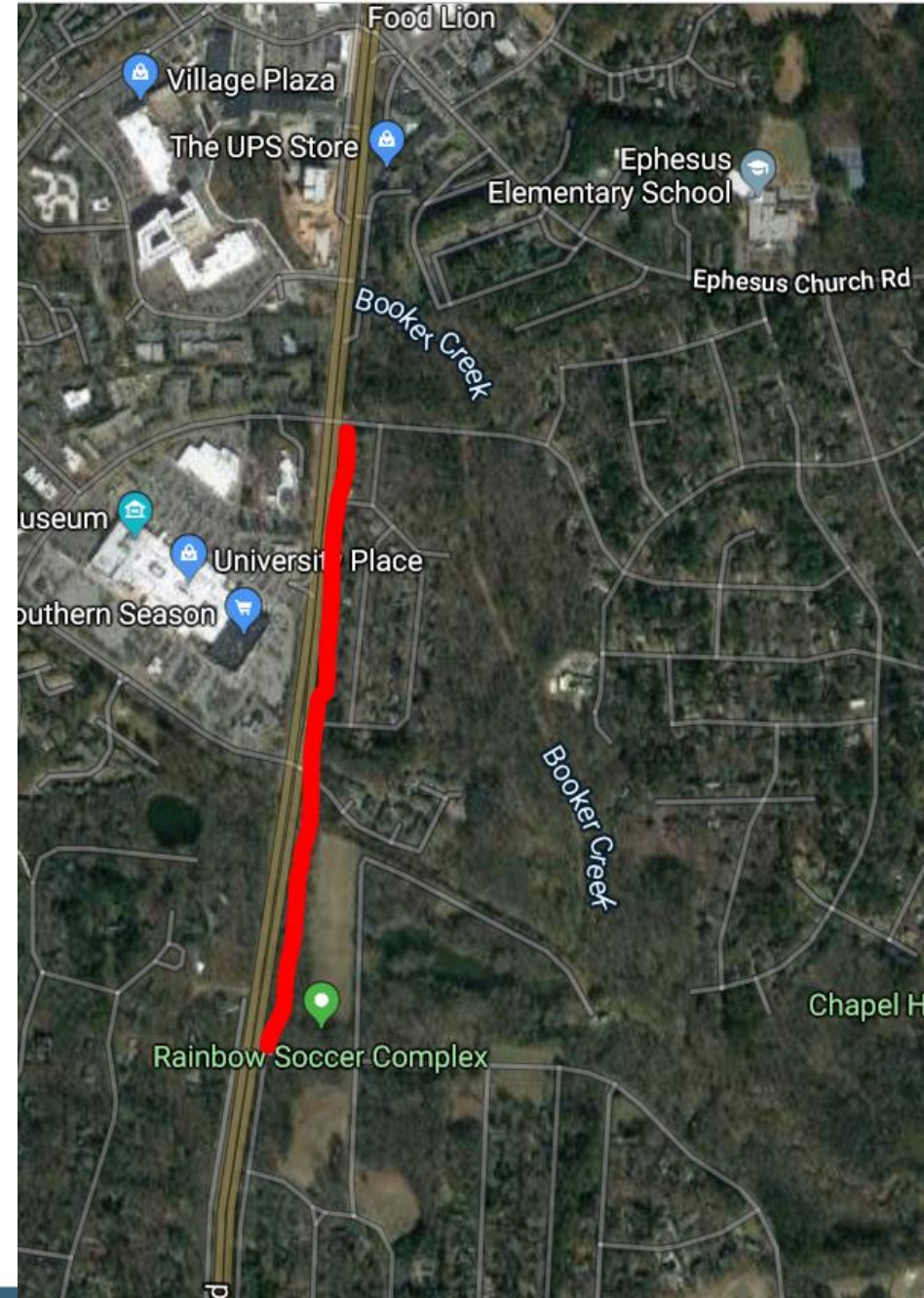
# Recommendation

That the Council adopt Resolution A, B, or C related to the Fordham Boulevard Sidepath project:

- **Resolution A** - authorizes the sidepath being built along Fordham Boulevard (*Option 1/2*)
- **Resolution B** - authorizes the 'shared street' concept, including a sidewalk on Hickory Drive (*Option 4*)
- **Resolution C** - authorizes the 'shared street' concept without a sidewalk on Hickory Drive (*Option 3*)

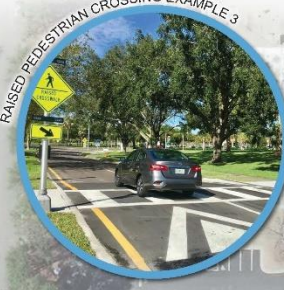
# Background

- Originally a Safe Routes to School project (2016)
- Two part project scope:
  - Upgrade existing path from Cleland to Ridgefield (1,800')
  - Construct new path from Ridgefield to Willow (1,700')
- Project budget - **\$1,058,000**
  - \$846,400 federal
  - \$211,600 local



# Design Alternatives

# Option 1/2



SOUTHERN SEASON

K&W CAFETERIA

OLIN T BINKLEY MEMORIAL BAPTIST CHURCH

MATCHLINE - SEE SHEET 1

WILLOW

RIDGEFIELD ROAD

RAISED PEDESTRIAN CROSSING (SEE IMAGES)

PROPOSED GREENWAY

END OF GREENWAY PROJECT

EXISTING RIGHT-OF-WAY

VEGETATED SHOULDER

REDUCED RADIUS FOR RIGHT TURN (SEE DETAIL)

EXISTING VEGETATION TO REMAIN

PROPOSED BUFFER LANDSCAPING

EXISTING WOOD FENCE TO REMAIN

FORDHAM BLVD (US HIGHWAY 15/501)

RAISED PEDESTRIAN CROSSING (SEE IMAGES)

LITTLE RIDGEFIELD NEIGHBORHOOD

PROPERTY LINE (TYP)

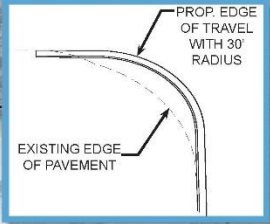
HICKORY DRIVE

HICKORY DRIVE

WALNUT STREET

WILLOW DRIVE

REDUCED TURN RADIUS DETAIL



Planting Legend

-  Ornamental Trees
-  Evergreen Screen

Fordham Boulevard Multi-Use Path Map

Option 1 / Sheet 2  
September 2019



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# Option 3

GREENWAY VISUALIZATION AT HICKORY DRIVE



MATCHLINE - SEE SHEET 1

SOUTHERN SEASON

K&W CAFETERIA

OLIN T BINKLEY MEMORIAL BAPTIST CHURCH

WILLOW DRIVE

EXISTING VEGETATION TO REMAIN

FORDHAM BLVD (US HIGHWAY 15/501)

EXISTING WOOD FENCE TO REMAIN

PROPOSED GREENWAY ROUTE

EXISTING RIGHT-OF-WAY

10' WIDE CONCRETE GREENWAY

PROPERTY LINE (TYP)

END OF GREENWAY PROJECT

HICKORY DRIVE

WALNUT STREET

HICKORY DRIVE

WILLOW DRIVE



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LITTLE RIDGEFIELD NEIGHBORHOOD

Fordham Boulevard Multi-Use Path Map  
Option 3 / Sheet 2  
September 2019



# Option 4

SOUTHERN SEASON

GREENWAY-VISUALIZATION AT HICKORY DRIVE



K&W CAFETERIA

OLIN T BINKLEY MEMORIAL BAPTIST CHURCH



FORDHAM BLVD (US HIGHWAY 15/501)

EXISTING VEGETATION TO REMAIN

PROPERTY LINE (TYP)

PROPOSED GREENWAY ROUTE

EXISTING RIGHT-OF-WAY  
NO PARKING ON RIDGEFIELD ROAD  
GREENWAY TRANSITIONS TO SHARROWS AT HICKORY DRIVE

END OF GREENWAY PROJECT AT WILLOW DRIVE

HICKORY DRIVE

HICKORY DRIVE

AT GRADE STREETPRINT PEDESTRIAN CROSSING (SEE IMAGES)

BIKE SHARROW  
6' WIDE CONCRETE SIDEWALK AT BACK OF CURB

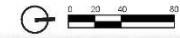
PARKING ON WEST SIDE OF HICKORY DRIVE ONLY

NO PARKING ON WALNUT STREET

AT GRADE STREETPRINT PEDESTRIAN CROSSING (SEE IMAGES)

LITTLE RIDGEFIELD NEIGHBORHOOD

Fordham Boulevard Multi-Use Path Map  
Option 4 / Sheet 2  
September 2019



MATCHLINE - SEE SHEET 1

RIDGEFIELD ROAD

WALNUT STREET

WILLOW DRIVE



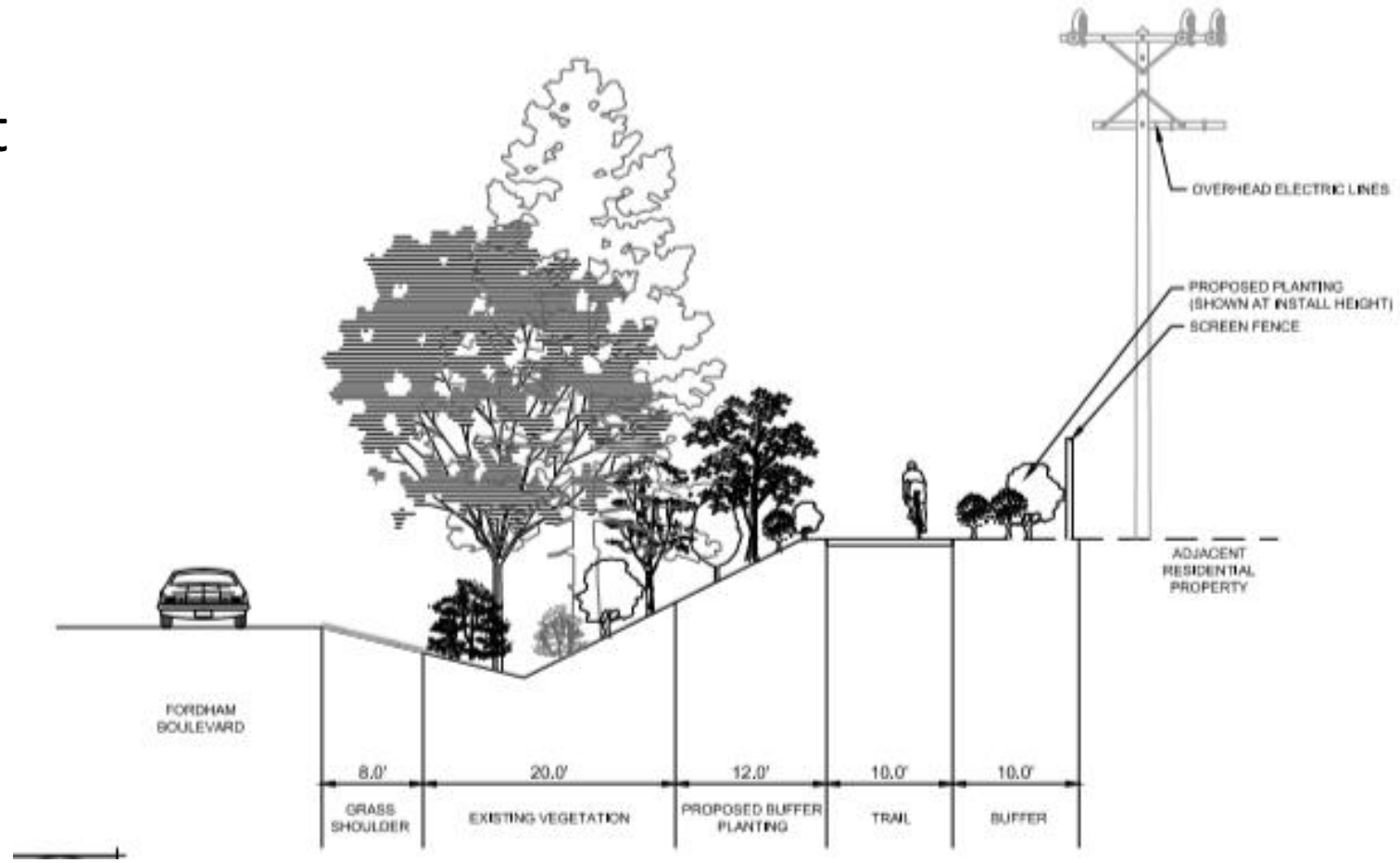
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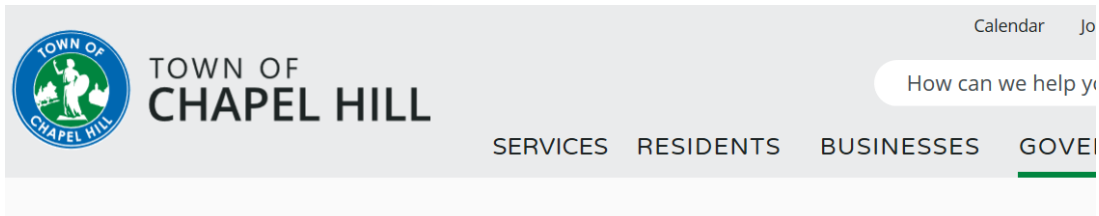


# New Information

- Continued public engagement
- Tree protection methods
- Fence height limits
- Number of residences



# Continued Public Engagement



[Government](#) » [Departments & Services](#) » [Parks and Recreation](#) » [Planning and Development](#) »

## FORDHAM BOULEVARD SIDEPATH PROJECT

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### PROJECT OVERVIEW

The Town plans on building a network of multi-modal sidepaths (pedestrian and bicycle use) along both sides of Fordham Boulevard. Much of the system is already in place through development requirements within the Blue Ridge Ordinance. This project would provide one segment of that overall network.

An asphalt multi-modal path currently connects Cleland Drive and Ridgefield Drive along the east side of Fordham Boulevard. This project would improve the existing path and extend pedestrian and bicycle facilities to Willow Drive. The new path would be built to national and State standards for a multi-modal path.



# Tree Protection Methods



# Fence Height Limit

- Additional noise analysis
- Amend LUMO if necessary



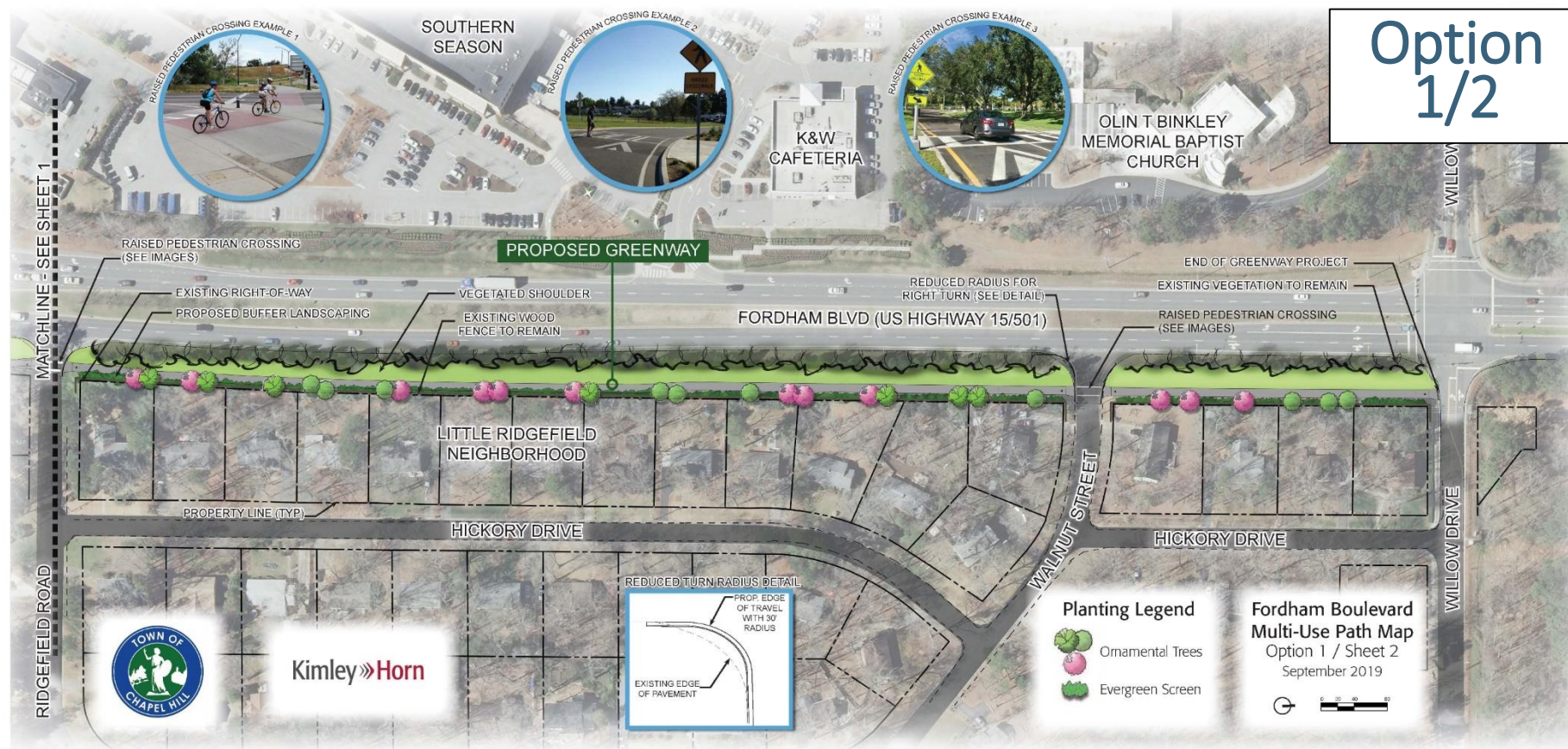
# TCAB Recommendation

Recommend Town Council approve the Fordham Boulevard Sidepath as designed in Alternative 1 or 2, with the following conditions:

- a) That staff and consultant design the path to **maximize preservation of the existing vegetative buffer**.
- b) That staff and consultant **optimize noise abatement** treatments.
- c) That staff and consultant design path, particularly the road crossings, to **maximize safety** for all users.

# Staff Recommendation

- Option 1/2
- Improves and increases connectivity / mobility for all users
- Reduces overall traffic
- Encourages alternative transportation



# Recommendation

That the Council adopt Resolution A, B, or C related to the Fordham Boulevard Sidepath project:

- **Resolution A** - authorizes the sidepath being built along Fordham Boulevard (*Option 1/2*)
- **Resolution B** - authorizes the 'shared street' concept, including a sidewalk on Hickory Drive (*Option 4*)
- **Resolution C** - authorizes the 'shared street' concept without a sidewalk on Hickory Drive (*Option 3*)

# Discussion

<u>Alternative</u>	<u>Features</u>	<u>Pros</u>	<u>Cons</u>
<b>Option 1/2</b>	<ul style="list-style-type: none"> <li>• 10' multiuse path along Fordham Blvd.</li> <li>• Entirely within NCDOT right-of-way</li> <li>• Exact alignment of path will depend on safety mechanisms incorporated</li> </ul>	<ul style="list-style-type: none"> <li>• Most direct route for users</li> <li>• NCDOT-approved scope</li> <li>• ADA compliant</li> </ul>	<ul style="list-style-type: none"> <li>• Some loss of vegetative buffer</li> <li>• Potential conflict with turning vehicles</li> </ul>
<b>Option 3</b>	<ul style="list-style-type: none"> <li>• 'Shared street' through neighborhood</li> <li>• 10' multiuse path along Ridgefield Rd.</li> <li>• No sidewalk on Hickory Dr.</li> </ul>	<ul style="list-style-type: none"> <li>• More cost effective than other options</li> <li>• Maintains vegetative buffer</li> </ul>	<ul style="list-style-type: none"> <li>• Pedestrians and bicyclists in the street</li> <li>• NCDOT funding not guaranteed</li> <li>• Not most direct route</li> <li>• Not ADA compliant</li> </ul>
<b>Option 4</b>	<ul style="list-style-type: none"> <li>• 'Shared street' through neighborhood</li> <li>• 10' multiuse path along Ridgefield Rd.</li> <li>• Sidewalk on one side of Hickory Dr.</li> </ul>	<ul style="list-style-type: none"> <li>• Pedestrians have dedicated facility</li> <li>• Maintains vegetative buffer</li> <li>• ADA compliant</li> </ul>	<ul style="list-style-type: none"> <li>• No dedicated bicycle facility</li> <li>• NCDOT funding not guaranteed</li> <li>• Not most direct route</li> </ul>