

September 25, 2014



**Kimley»»Horn**

Expect More. Experience Better.

# Hillsborough Street Revitalization, Phase 2

## Corridor Public Meeting

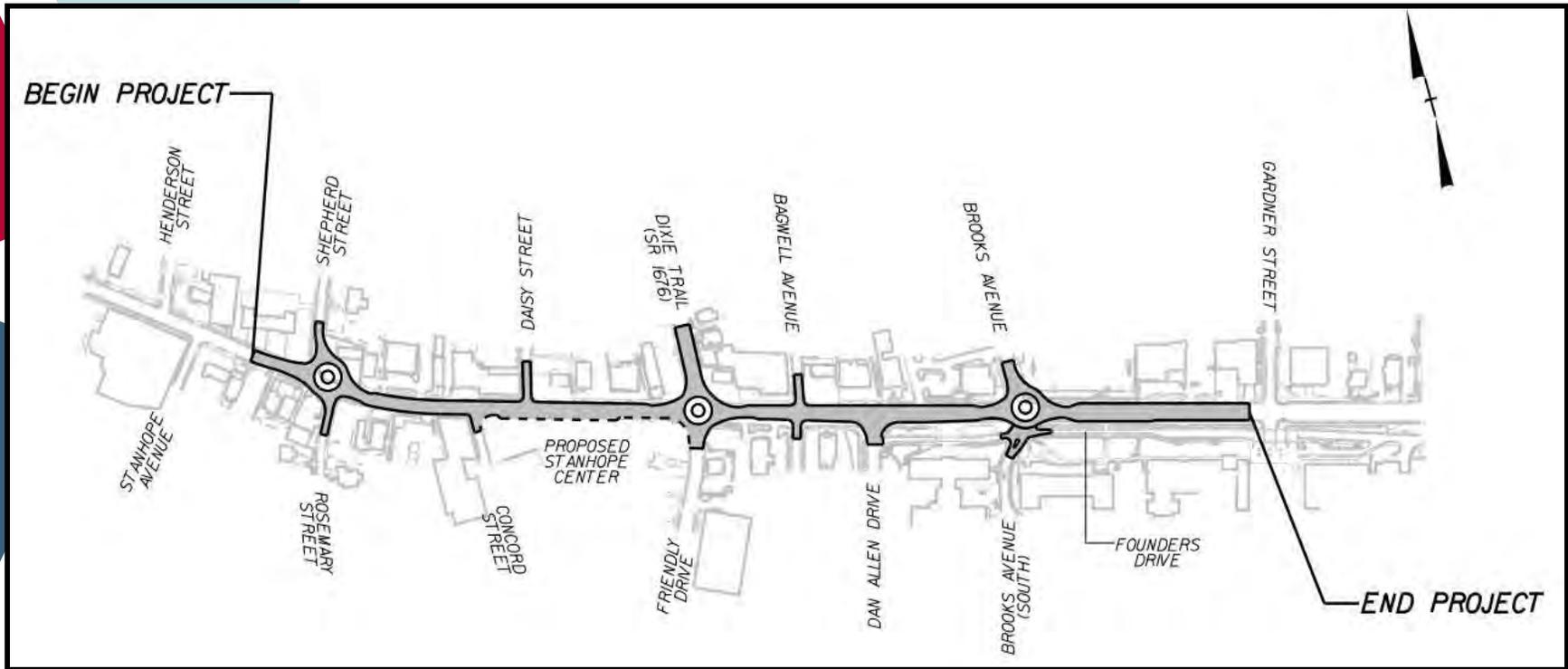
# Presentation Summary

- Meeting Handout
- Project Purpose and Benefits
- Project Design Review
- Previous Meeting Comments
- Transmission Lines
- Next Steps



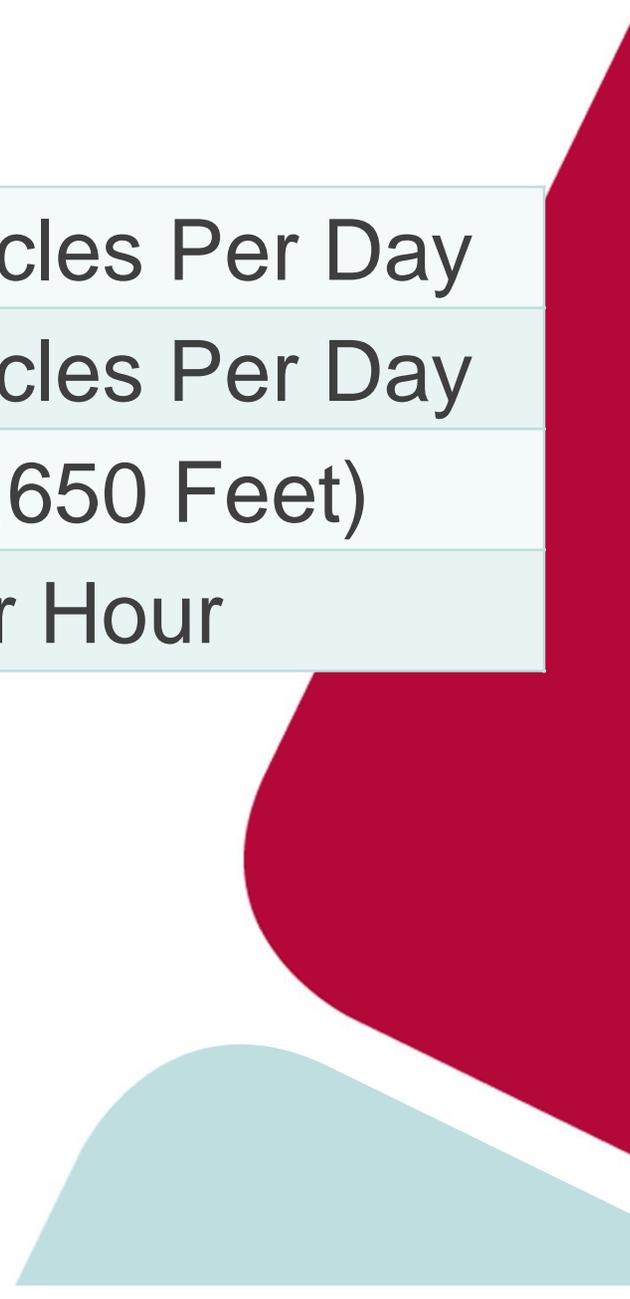
# Meeting Handout

# Project Limits

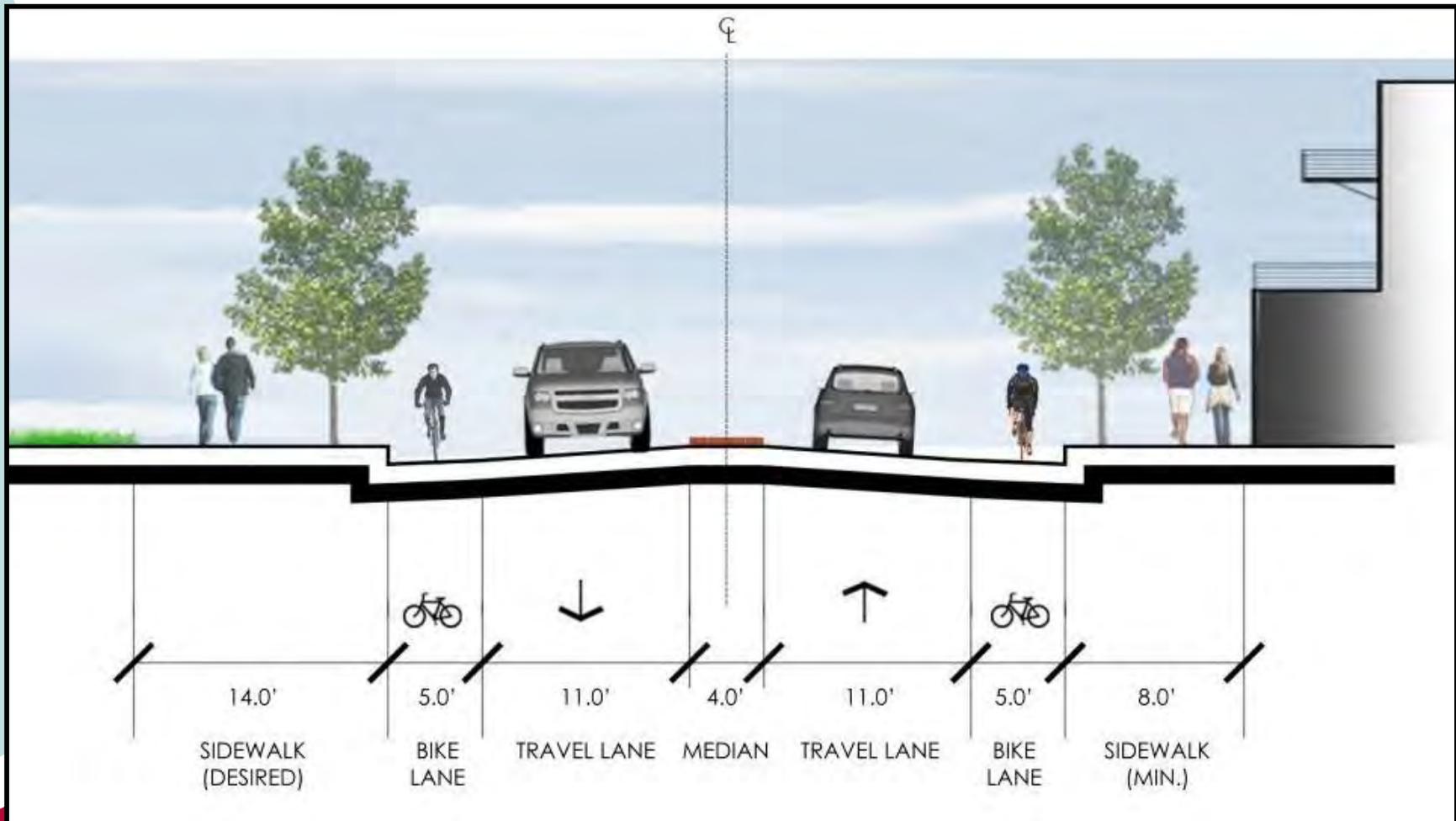


# Design Information

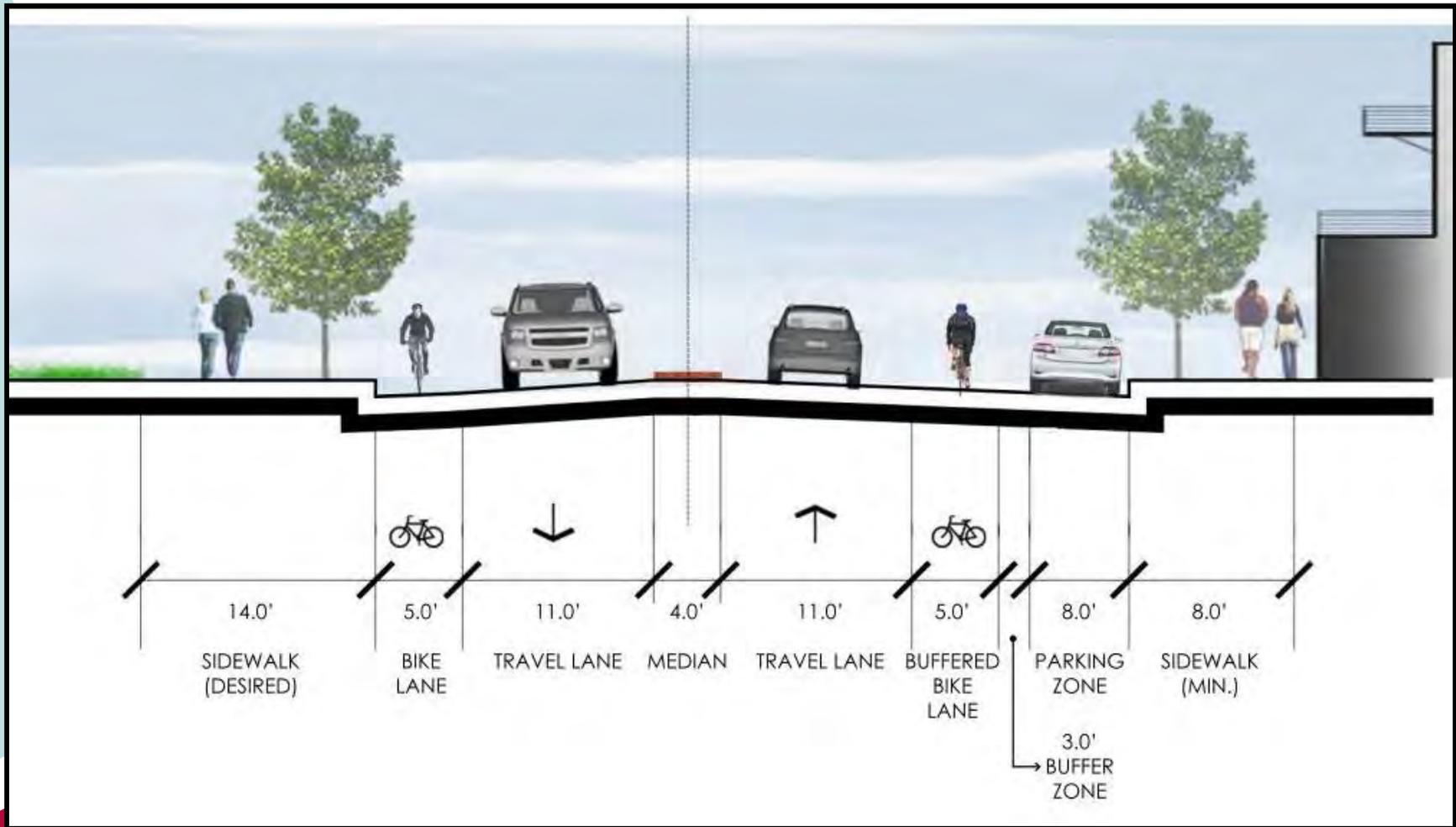
Existing Traffic	18,600 Vehicles Per Day
Projected Traffic	19,100 Vehicles Per Day
Project Length	0.5 Miles (2,650 Feet)
Posted Speed	35 Miles Per Hour



# Proposed Roadway Cross-Section



# Proposed Roadway Cross-Section With Parking





Project Purpose  
and Benefits

# Project Purpose and Benefits

- Improve Safety for All Travelers
- Accommodate Bicycles and Pedestrians
- Reduce Speeds
- Revitalize Corridor



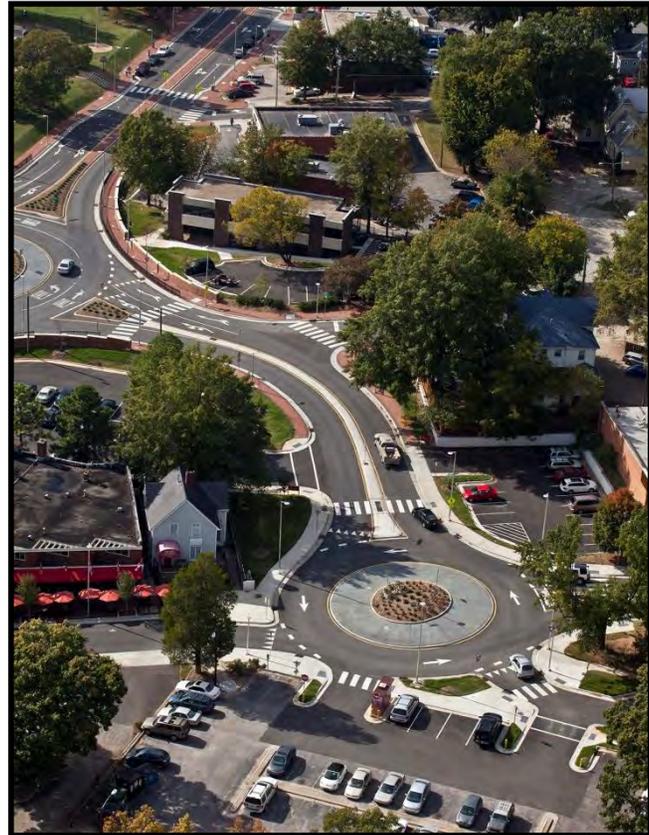
# Median Benefits

- Pedestrian Safety
  - Two-stage Crossing
  - Refuge Area
- Vehicular Safety
  - Minimize Conflicts
  - Reduce Crashes
  - U-turns at Roundabouts



# Roundabout Benefits

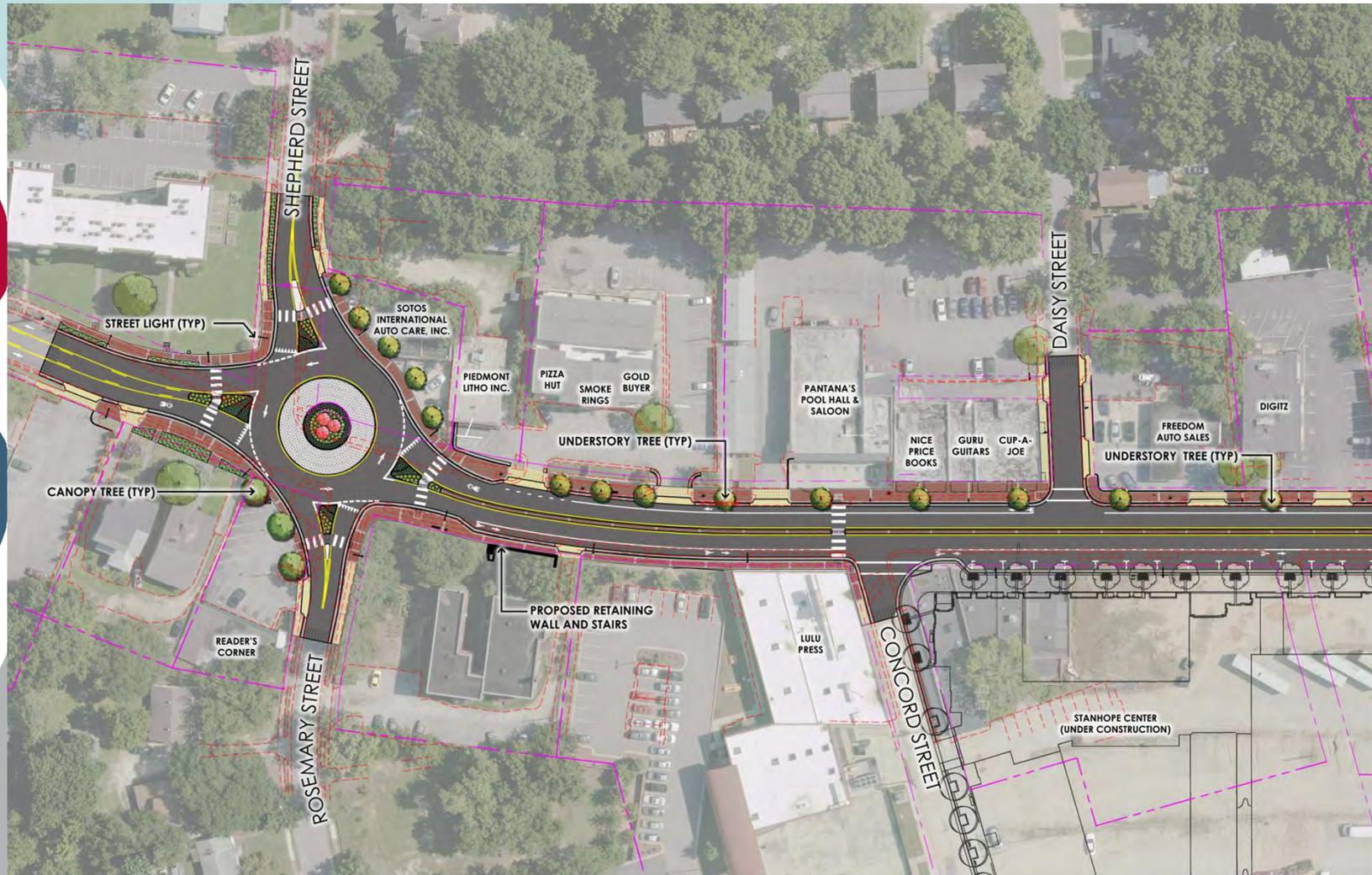
- Traffic Efficiency
- Safety
- Aesthetics
- Streetscape Amenities
- Minimize Delays



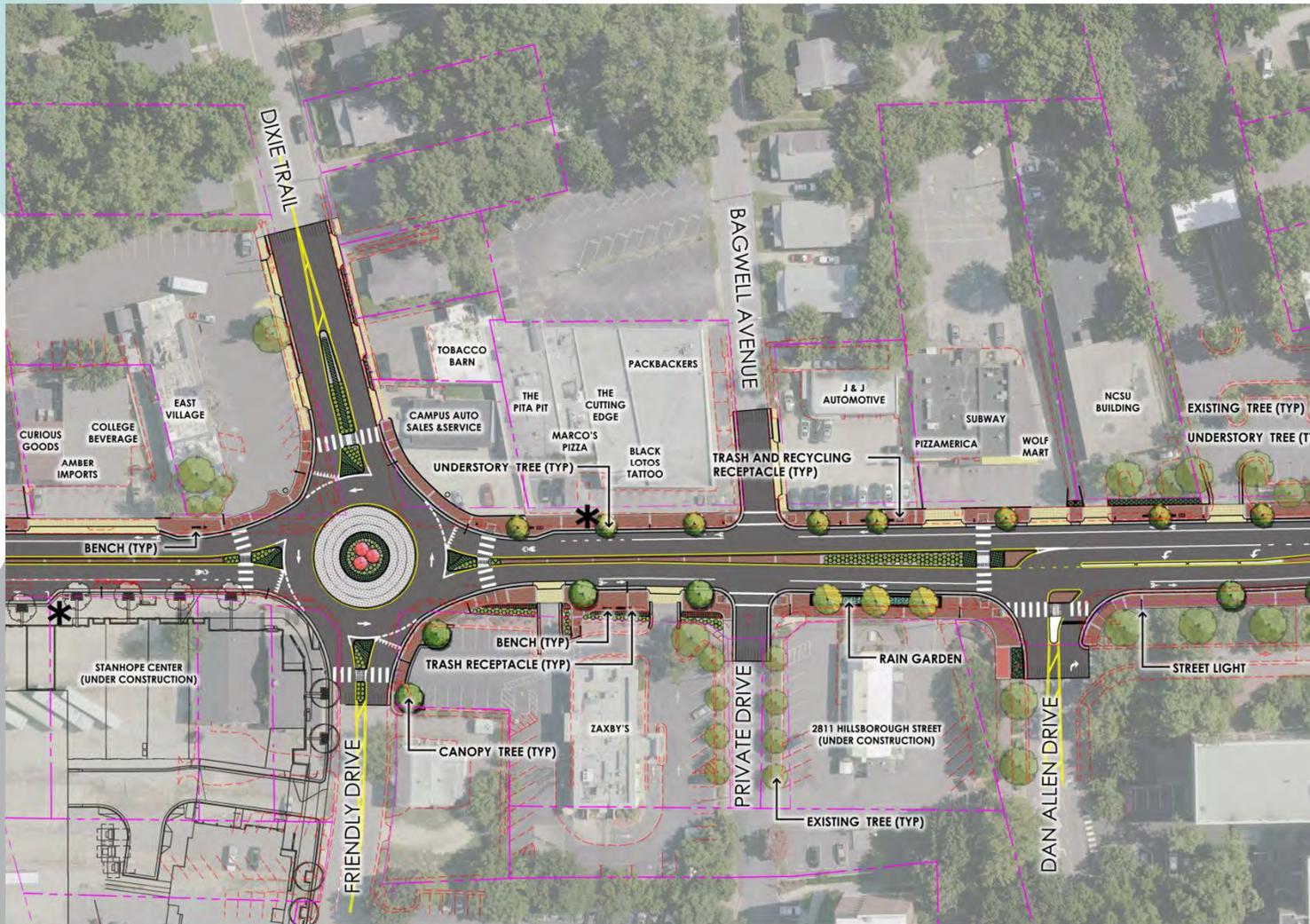


# Project Design Review

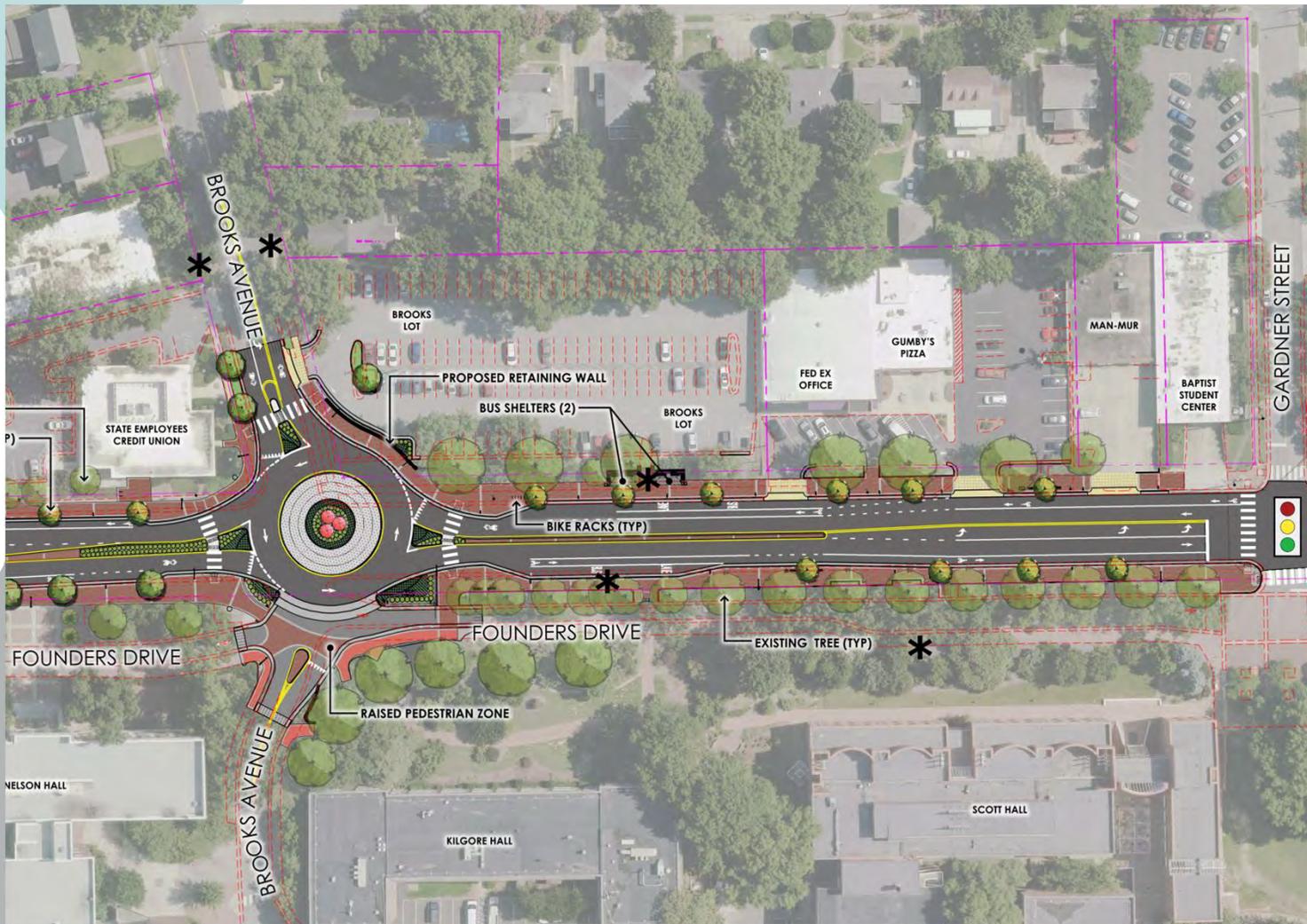
# Rosemary Street to Daisy Street



# Friendly Drive to Dan Allen Drive



# Brooks Avenue to Gardner Street



# Additional Design Information



- Water and Sanitary Sewer Upgrades
- Undergrounding Distribution Lines
- Street Lighting
- Public Art



Office of  
**raleigh arts**  
*Raleigh Parks, Recreation  
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PULLEN & SERTOMA ARTS CENTERS



Previous Meeting  
Comments

# Traffic Diversion

## Comment

- If traffic decreases on Hillsborough Street, where is the traffic going?

## Response

- Some traffic will shift to alternate routes such as Wade Avenue, Western Boulevard, and alternate modes.
- Our traffic engineers estimates a shift of 3,000 VPD in 2017 and expect that number to grow to 6,000 VPD in 2040.

# Impacts to Neighborhoods

## Comment

- Concern with traffic impacts to neighborhood streets

## Response

- Our traffic engineers do not expect significant impacts to neighborhood streets from this project.

# Safety Improvements

## Comment

- Measure of safety improvements regarding Phase 1

## Response

- See next slide for crash summary

# Phase 1 Crash Summary

	Avg. Crashes per Year Before Phase 1	Avg. Crashes per Year After Phase 1
Total Crashes	74.8	51.7
Fatal Crashes	0.2	0.0
Injury Crashes	14.2	7.3
Angle	8.0	2.7
Parked Car	3.7	2.7
Rear End	39.7	34.0
Sideswipe	12.0	6.3
Bicycle	0.7	2.0
Pedestrian	2.2	0.7

# Construction Impacts

## Comment

- Impacts to businesses and commuters during construction

## Response

- The project will be constructed under traffic.
- Pedestrian and business access will be maintained at all times through the corridor.
- Minimize impacts to businesses to the extent possible.

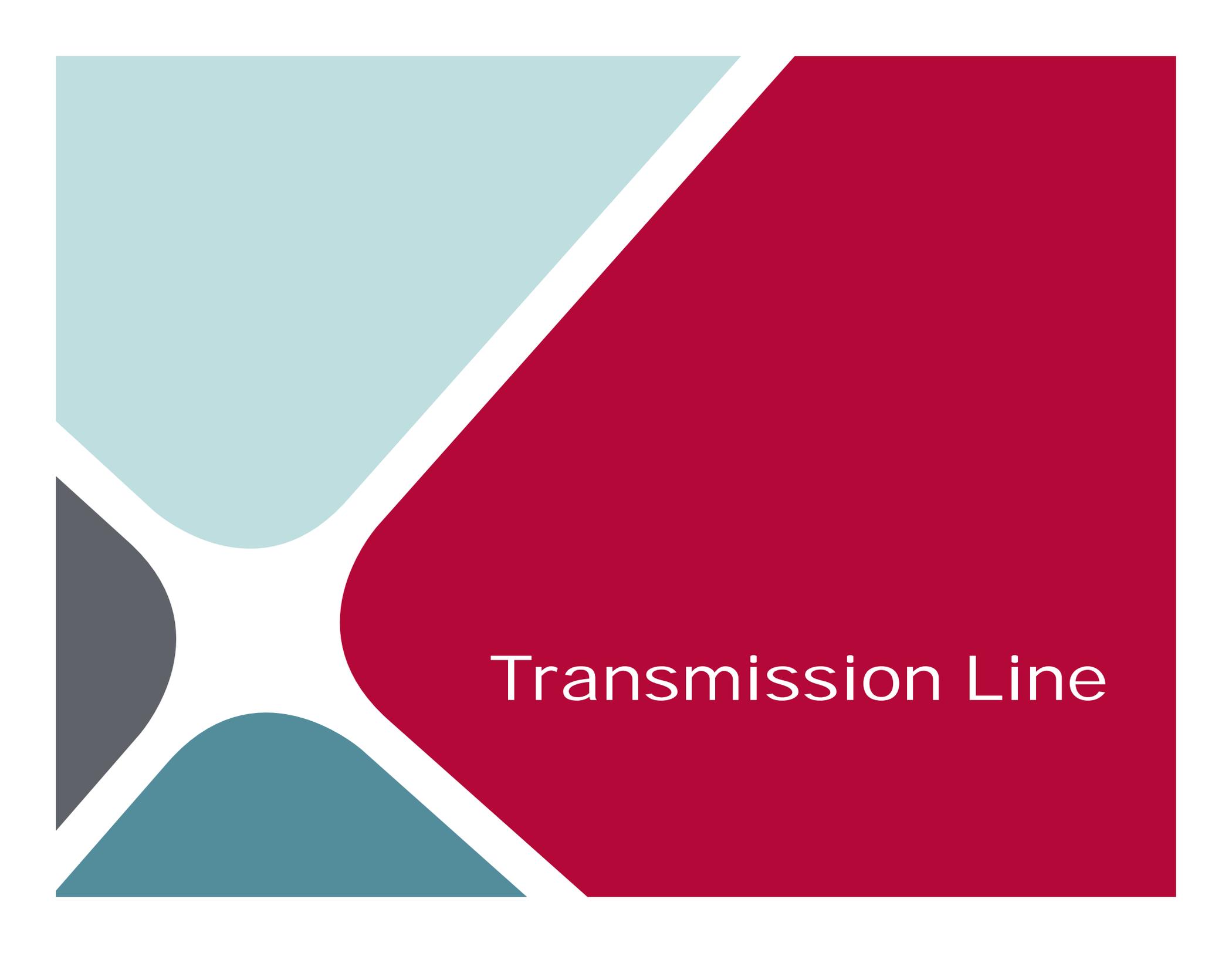
# Travel Time with Roundabouts

## Comment

- Are roundabouts the reason it takes so long to get from point A to point B on Hillsborough Street?

## Response

- Roundabouts allow traffic to flow more steadily.
- Reasons for slower traffic through Phase 1 are traffic stopping for parallel parking and pedestrian signals, which are not proposed in Phase 2.

The image features a composition of overlapping geometric shapes. A large maroon shape on the right contains the text 'Transmission Line'. To its left are three other shapes: a light teal shape at the top, a dark grey shape on the left, and a teal shape at the bottom. The shapes overlap in a way that creates a central white space.

Transmission Line

# Transmission Line

## Comment

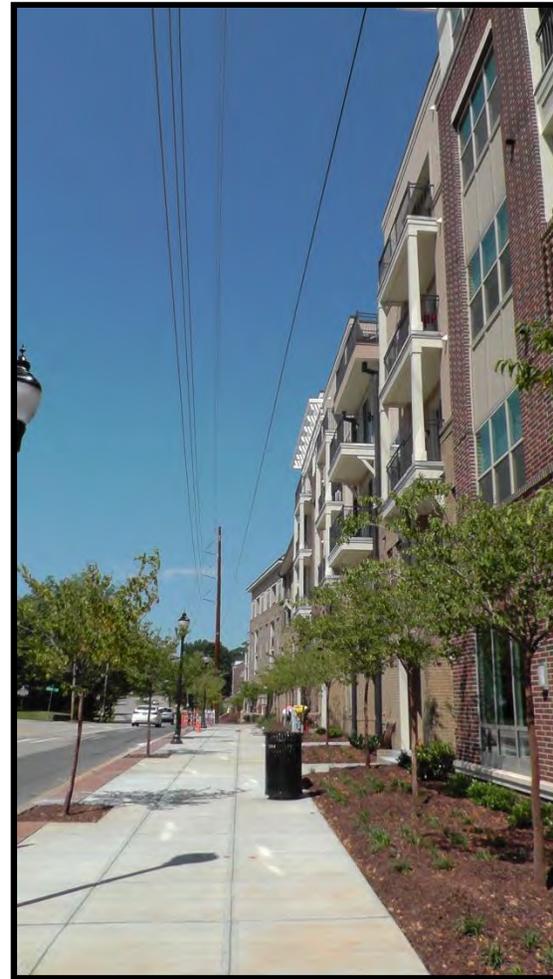
- City needs to consider placing the transmission lines underground

## Response

- Duke Energy has completed cost estimates and a feasibility study and relocation and placing underground are not feasible

# Transmission Line

## 401 Oberlin Along Clark Avenue





Next Steps

# Next Steps

- City Council Presentation November 2014
- Begin R/W Acquisition December 2014
- Advertisement Fall 2015
- Begin Construction Spring 2016
- Complete Construction Spring 2017

Dates Shown are Tentative and Subject to Change

A vertical stack of four decorative shapes on the left side of the slide. From top to bottom: a light blue inverted triangle, a red shape with a curved right edge, a dark blue shape with a curved right edge, and a grey triangle pointing upwards.

Questions?

