

# Southern Gateway Corridor Study



## Roles + Responsibilities ::

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JDavis ::

Project Lead, Planning and Development

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Larry Zucchini, FASLA, LEED AP \_\_\_\_\_ [Principal]

Nicole Johnson \_\_\_\_\_ [Project Manager]

I/I Studio ::

Urban Design and Public Outreach

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Maggie Connor, LEED AP \_\_\_\_\_ [Principal]

VHB Engineering ::

Transportation and Transit

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Don Bryson, PE \_\_\_\_\_ [Principal]

Taruna Tayal \_\_\_\_\_ [Project Manager]

Barrett Consulting ::

Market Analysis

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Amy Barrett \_\_\_\_\_ [Principal]

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# Process + Schedule ::

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	[DURATION]	[WORKSHOP]
1. Inventory & Analysis ::	January - April	
Mobile Information Sessions		2nd Week of March
● Public Design Workshop		1st Week of May
2. Design Alternatives ::	May - September	
Design Alternatives Workshop		3rd Week of September
3. Implementation ::	October - November	
Government Stakeholders Session		3rd Week of October
4. Final Report ::	November - January	
Public Meeting: Plan Update		2nd Week of November
City Council Presentation		2nd Week of January

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# Work Program ::

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1 :: Build on the Vision Document

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2 :: Implement an Effective and Targeted Community Outreach

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3 :: Establish an Identity/Vision for the Corridor

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4 :: Emphasis on Market-Driven Development Opportunities

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5 :: Identify Strategic City Infrastructure Improvements

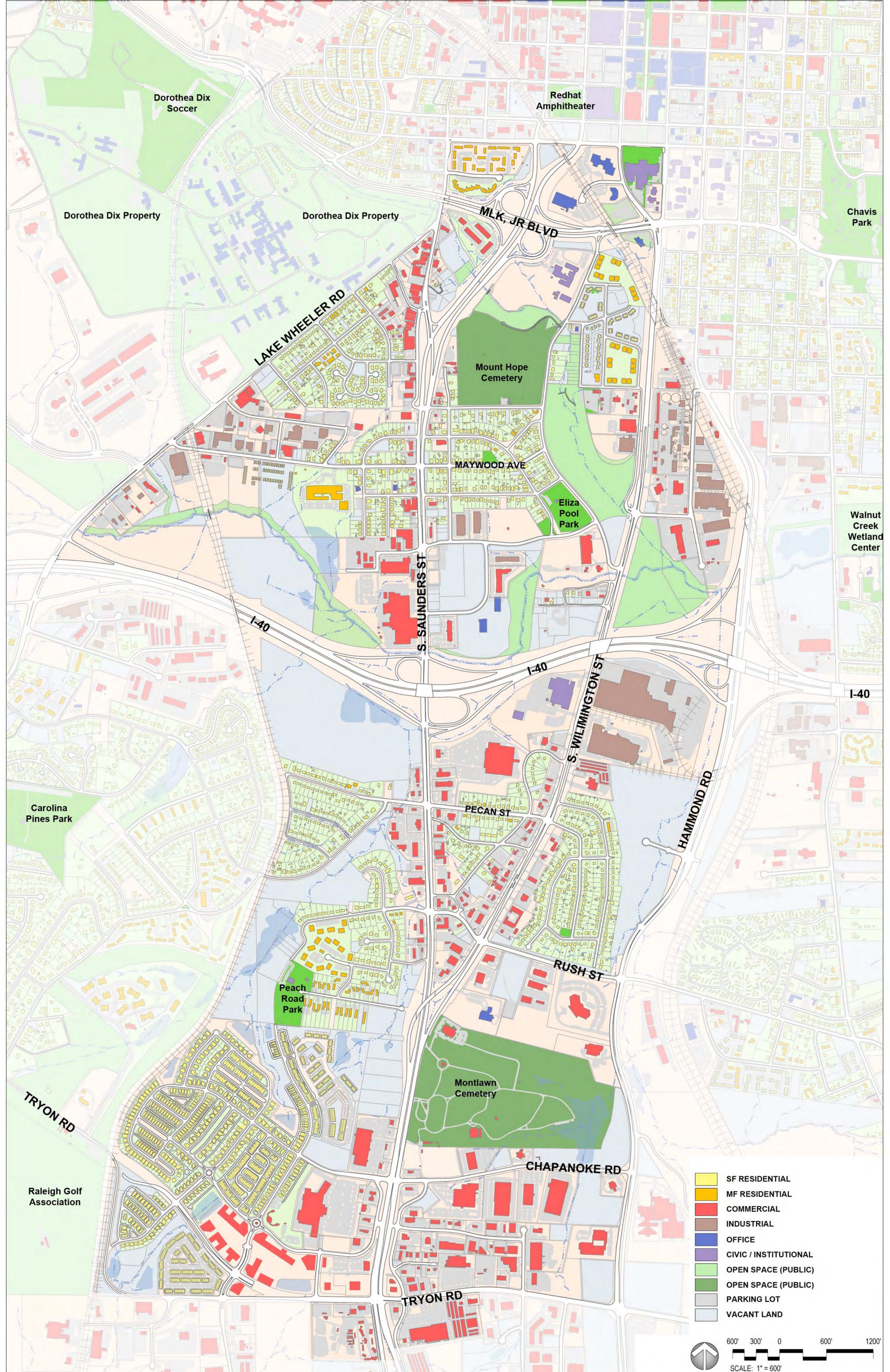
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6 :: Integrate Transportation/Transit with Land Use/Urban Design

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7 :: Provide Detailed Implementable Solutions

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Dorothea Dix Soccer

Redhat Amphitheater

Dorothea Dix Property

Dorothea Dix Property

Chavis Park

MLK, JR BLVD

LAKE WHEELER RD

Mount Hope Cemetery

MAYWOOD AVE

Eliza Pool Park

Walnut Creek Wetland Center

S. SAUNDERS ST

I-40

I-40

I-40

S. WILMINGTON ST

HAMMOND RD

Carolina Pines Park

PECAN ST

Peach Road Park

RUSH ST

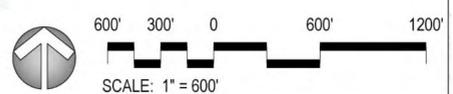
Montlawn Cemetery

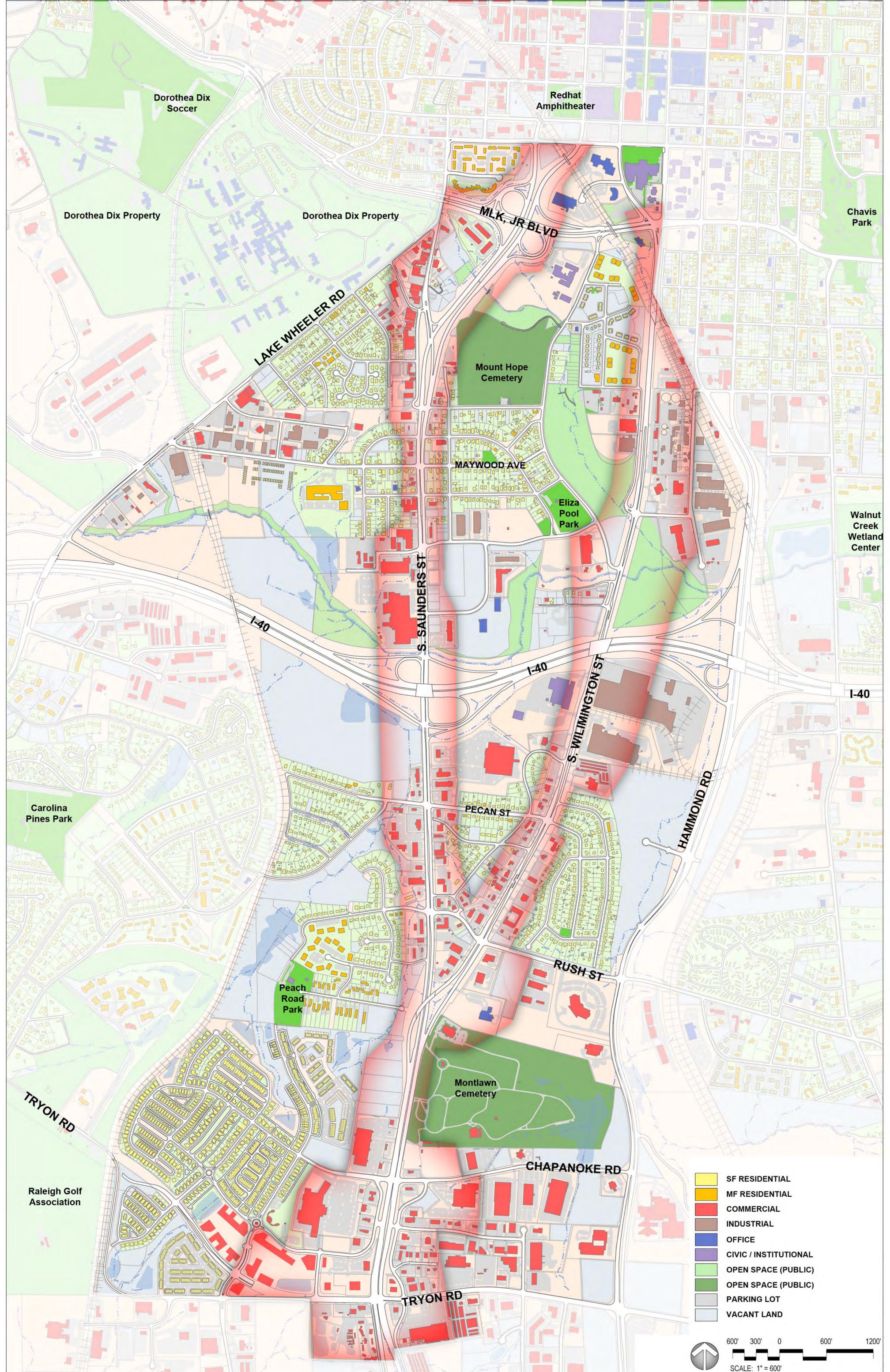
TRYON RD

CHAPANOKE RD

Raleigh Golf Association

- SF RESIDENTIAL
- MF RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL
- OFFICE
- CIVIC / INSTITUTIONAL
- OPEN SPACE (PUBLIC)
- OPEN SPACE (PUBLIC)
- PARKING LOT
- VACANT LAND





# What is the problem we are trying to solve?

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Community and Stakeholder Input -----> SOFT DATA

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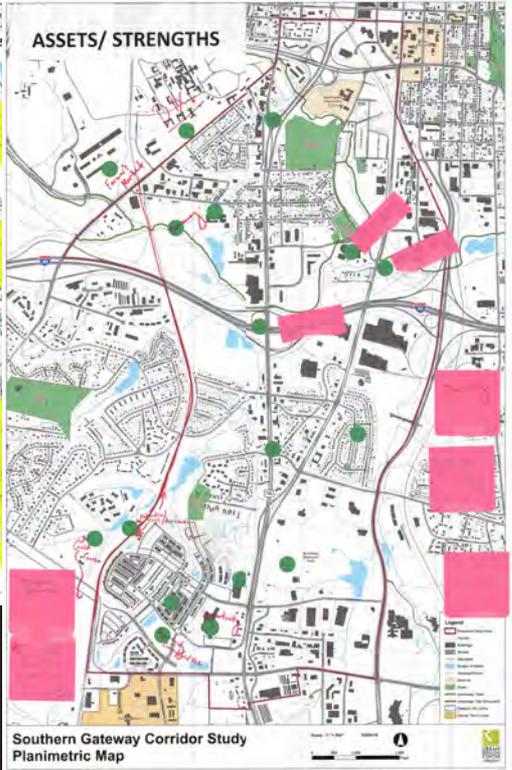
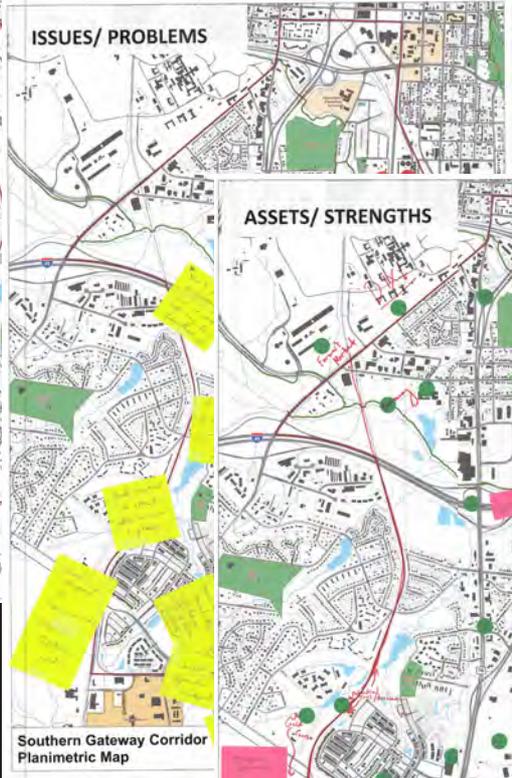
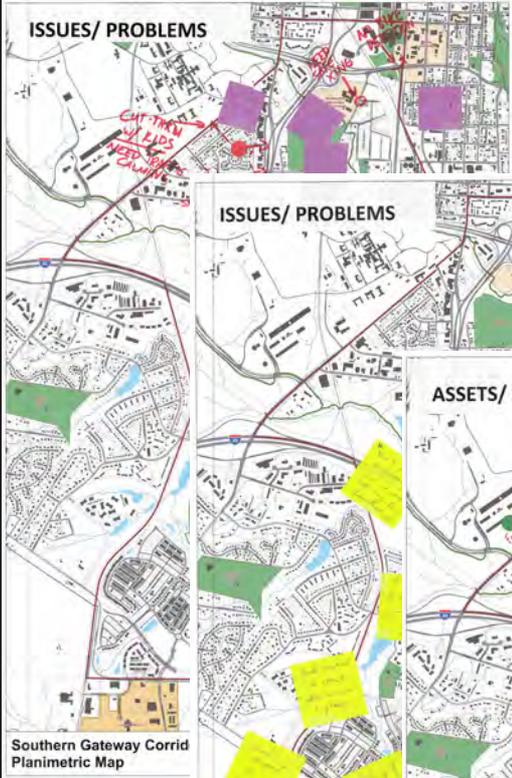
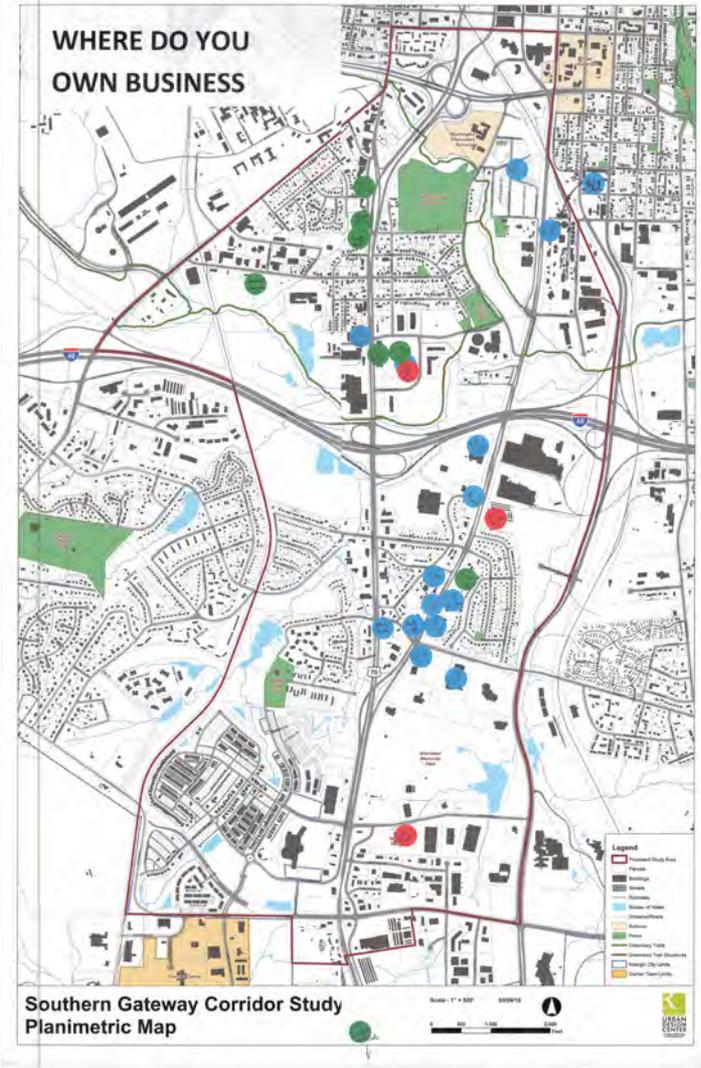
- Raleigh Urban Design Center Vision Study
- March 2015 Mobile Information Sessions

Technical Analysis -----> HARD DATA

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- Base Mapping, Urban Design Analysis
  - Evaluation of Traffic Data, Transportation and Transit Analysis
  - Documentation of Existing Conditions
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# Mobile Information Sessions ::



# Summary of Input ::

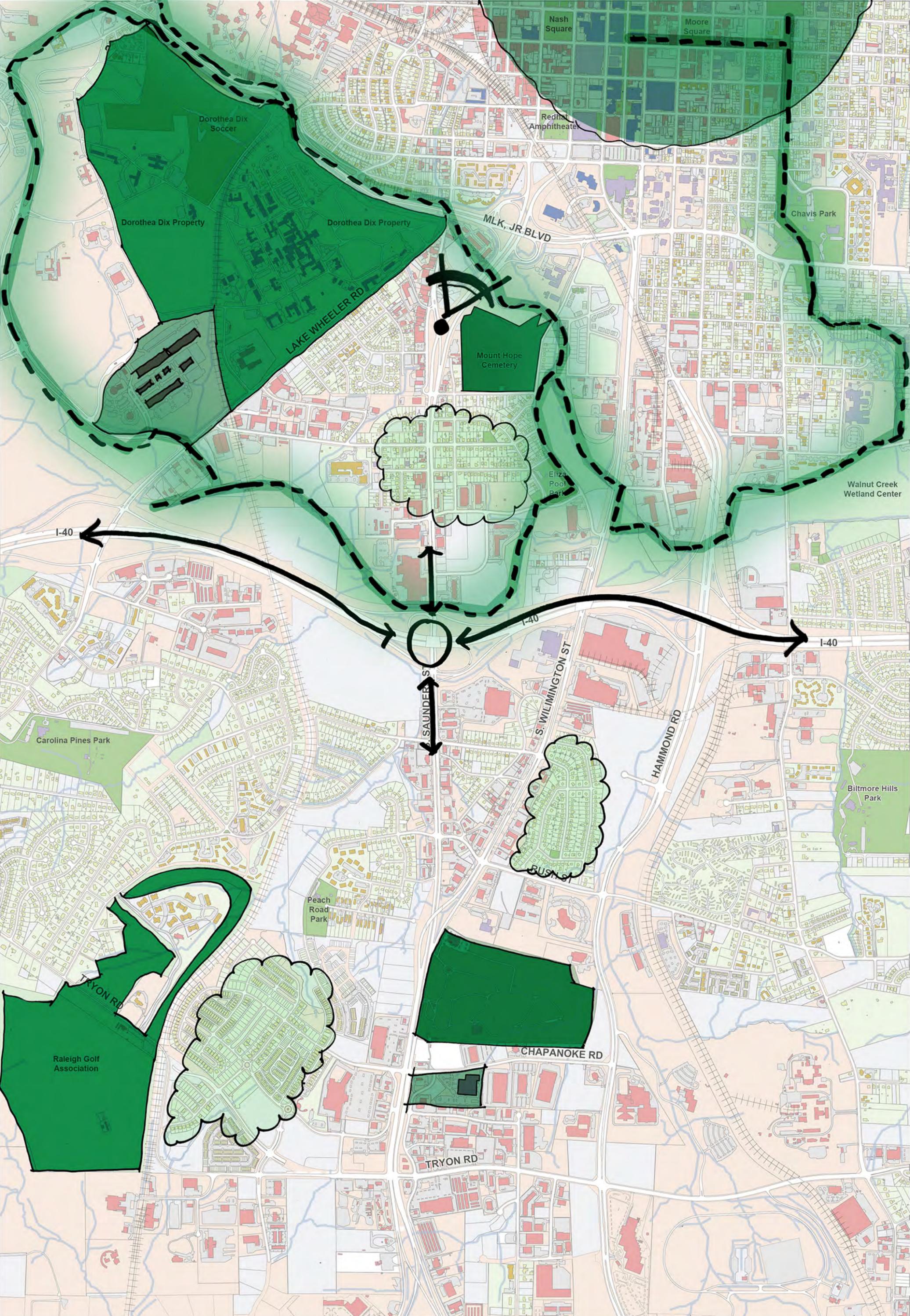
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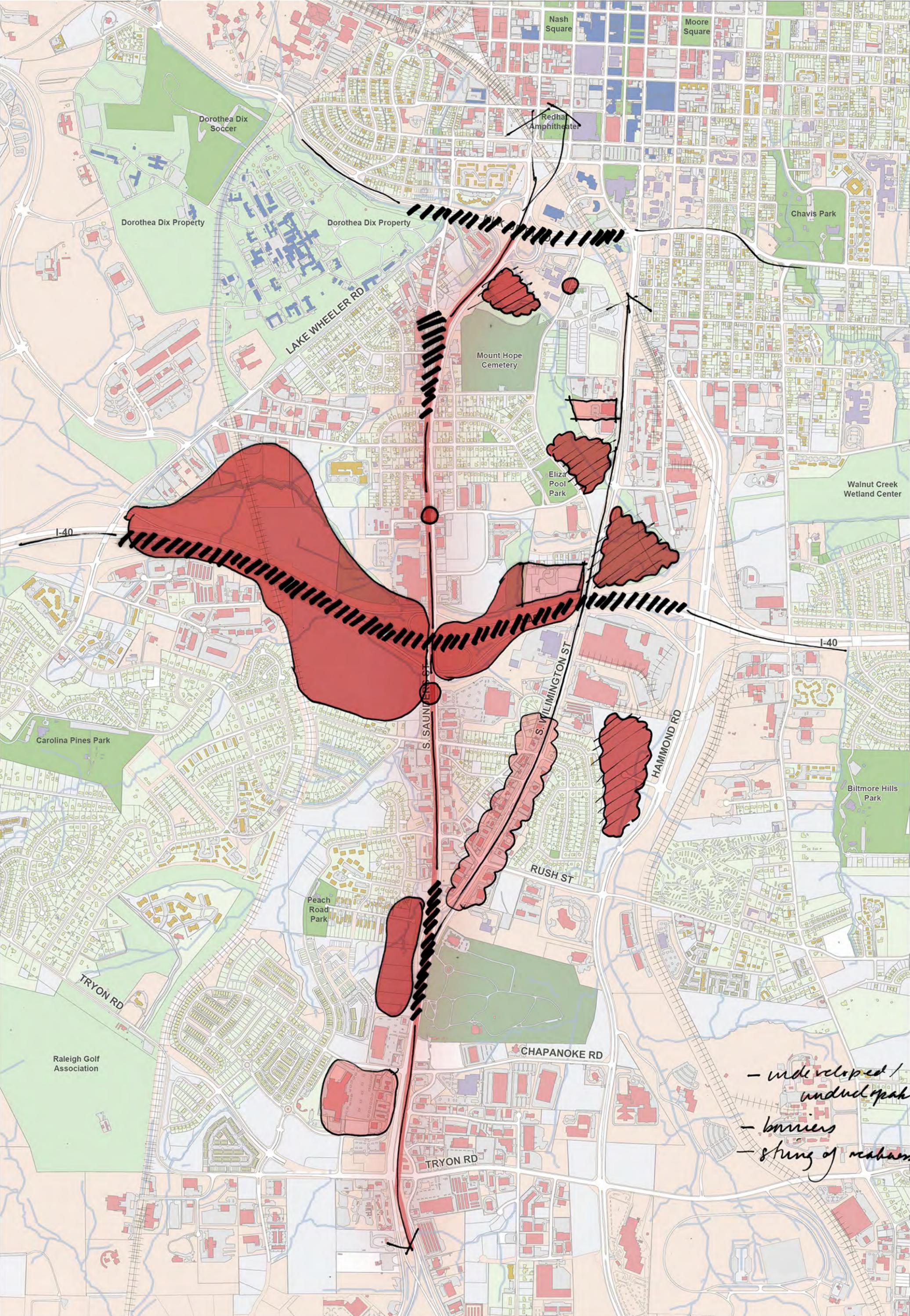
## STRENGTHS

- Proximity and Access to Downtown
  - Development Opportunities
- Historic neighborhoods and architecture
  - Wake Tech
  - Transit Access
  - Parks and Community Centers
- Access to Greenway [North of I-40]
- New housing at Renaissance Park
  - Access to I-40
- Proximity to Farmer's Market and Dorothea Dix
  - Cheap Gas
  - Diversity
- Views of Downtown from Saunders + Wilmington
  - Streams and Wetlands
  - Specialty Businesses

## ISSUES

- Speeding and cut-through traffic in some areas
- Lack of sidewalks and/or poor pedestrian safety
  - Unsafe bike connections to Downtown
- Lack of street connections in some areas
  - Unsafe intersections along Saunders
    - Interchanges act as Barriers
    - Crime and Safety
  - Homeless Camps and Panhandling
  - Lack of Neighborhood-Serving Retail
- Some Blighted Commercial and Residential Areas
- Properties "held hostage" by ramps and fly-overs
  - No Greenway Connections [South of I-40]





Dorothea Dix Soccer

Redha Amphitheater

Dorothea Dix Property

Dorothea Dix Property

LAKE WHEELER RD

Mount Hope Cemetery

Chavis Park

Eliza Pool Park

Walnut Creek Wetland Center

I-40

I-40

Carolina Pines Park

Biltmore Hills Park

Peach Road Park

TRYON RD

RUSH ST

HAMMOND RD

Raleigh Golf Association

CHAPANOKE RD

TRYON RD

- undeveloped / under park  
- barriers  
- string of meadows

# Areas of Analysis ::

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Transportation and Transit

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Development Strategy

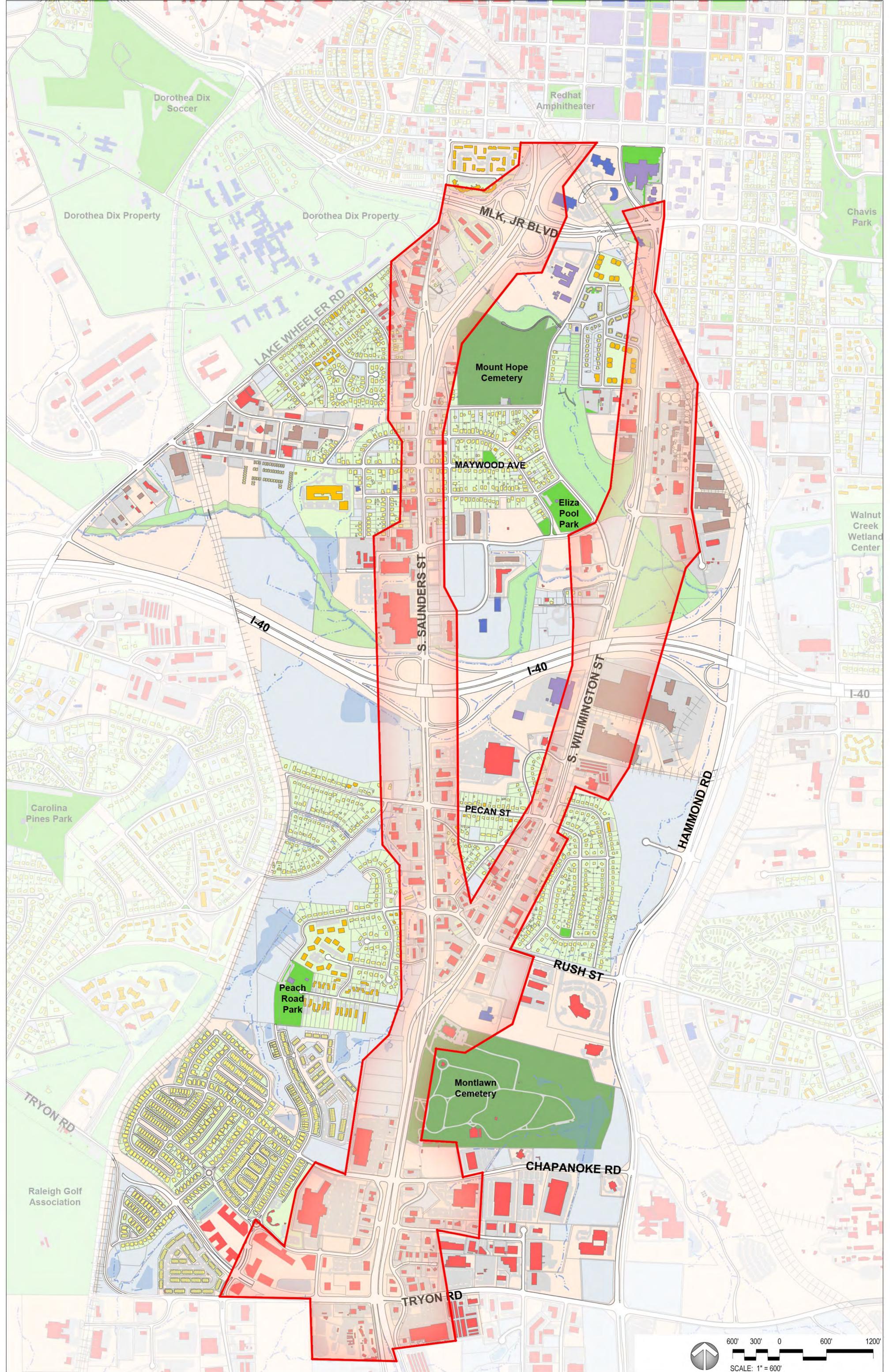
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Connections

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Image and Character

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MLK, JR BLVD

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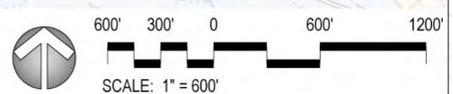
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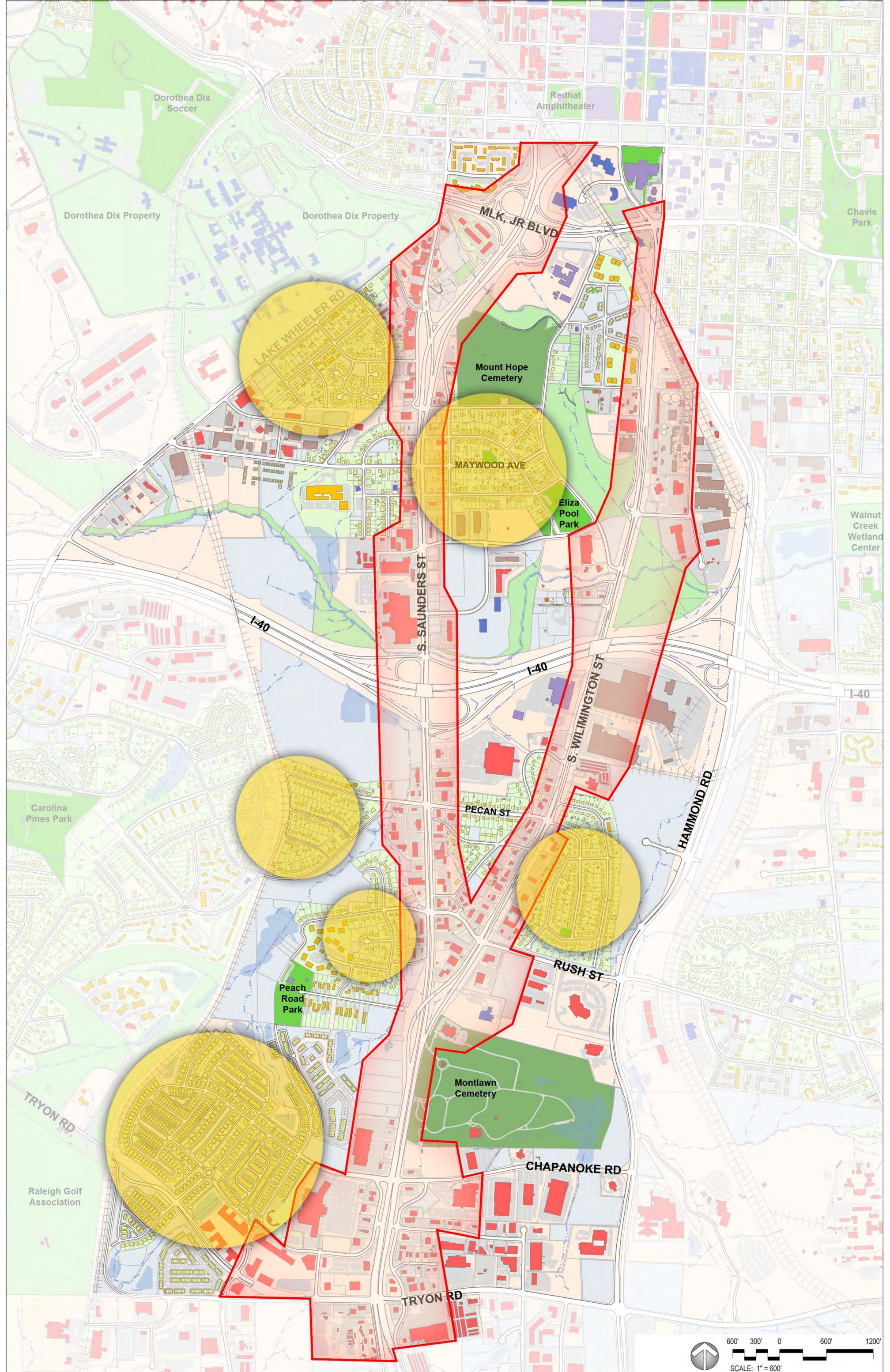
CHAPANOKE RD

TRYON RD

TRYON RD

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Raleigh Golf Association

TRYON RD



600' 300' 0 600' 1200'

SCALE: 1" = 600'



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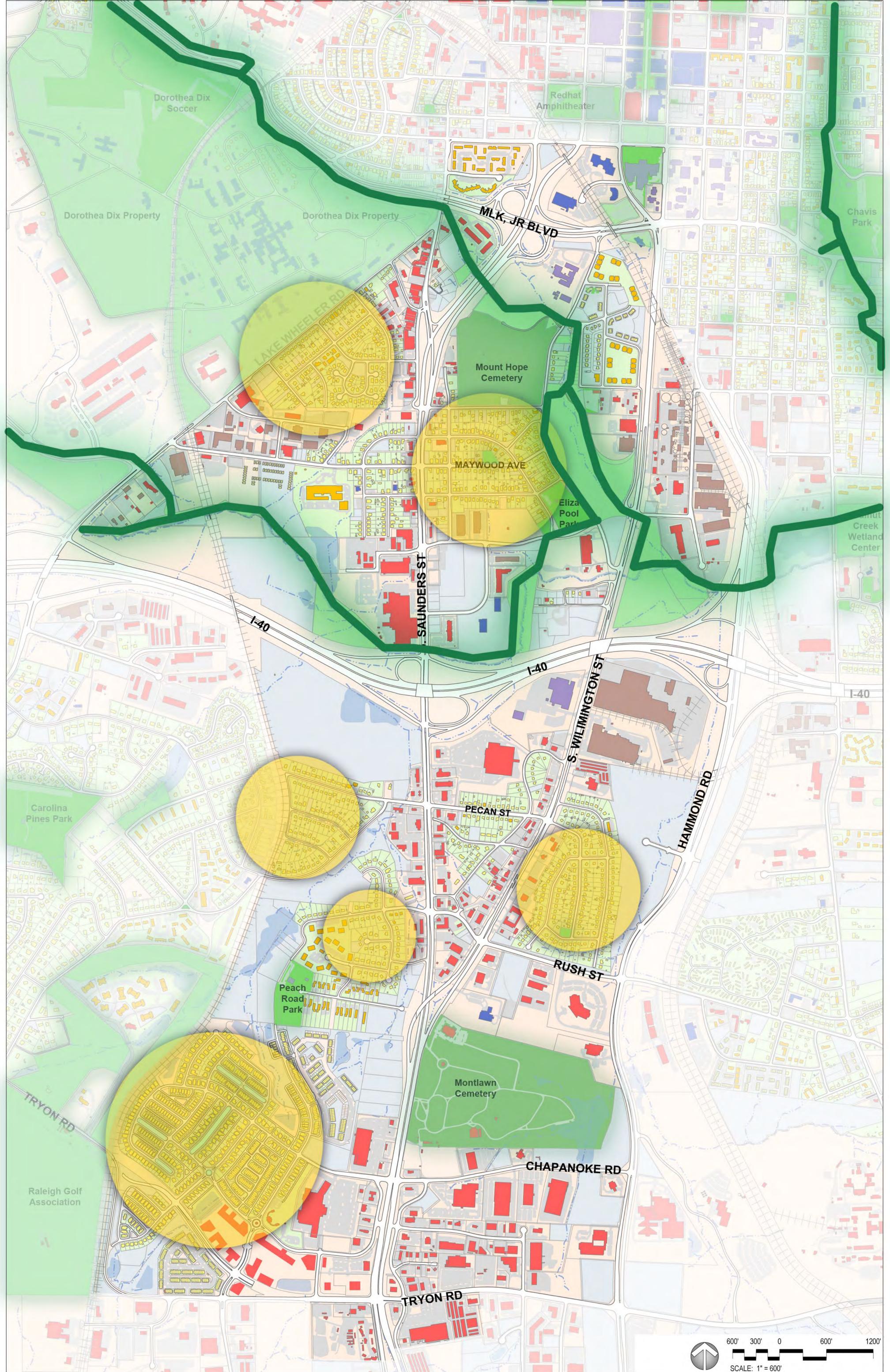
Raleigh Golf Association

TRYON RD



600' 300' 0 600' 1200'

SCALE: 1" = 600'



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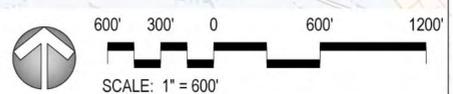
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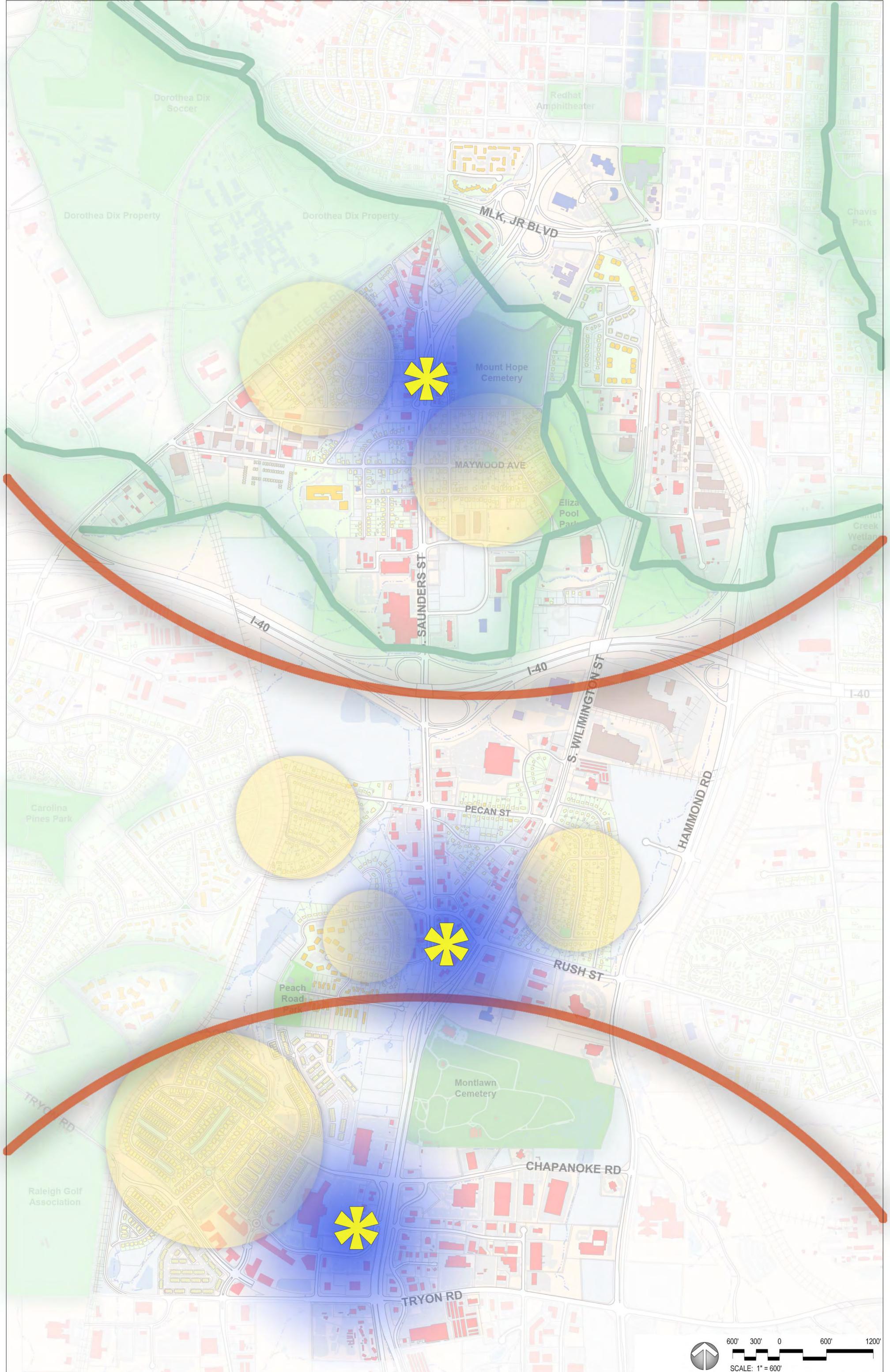
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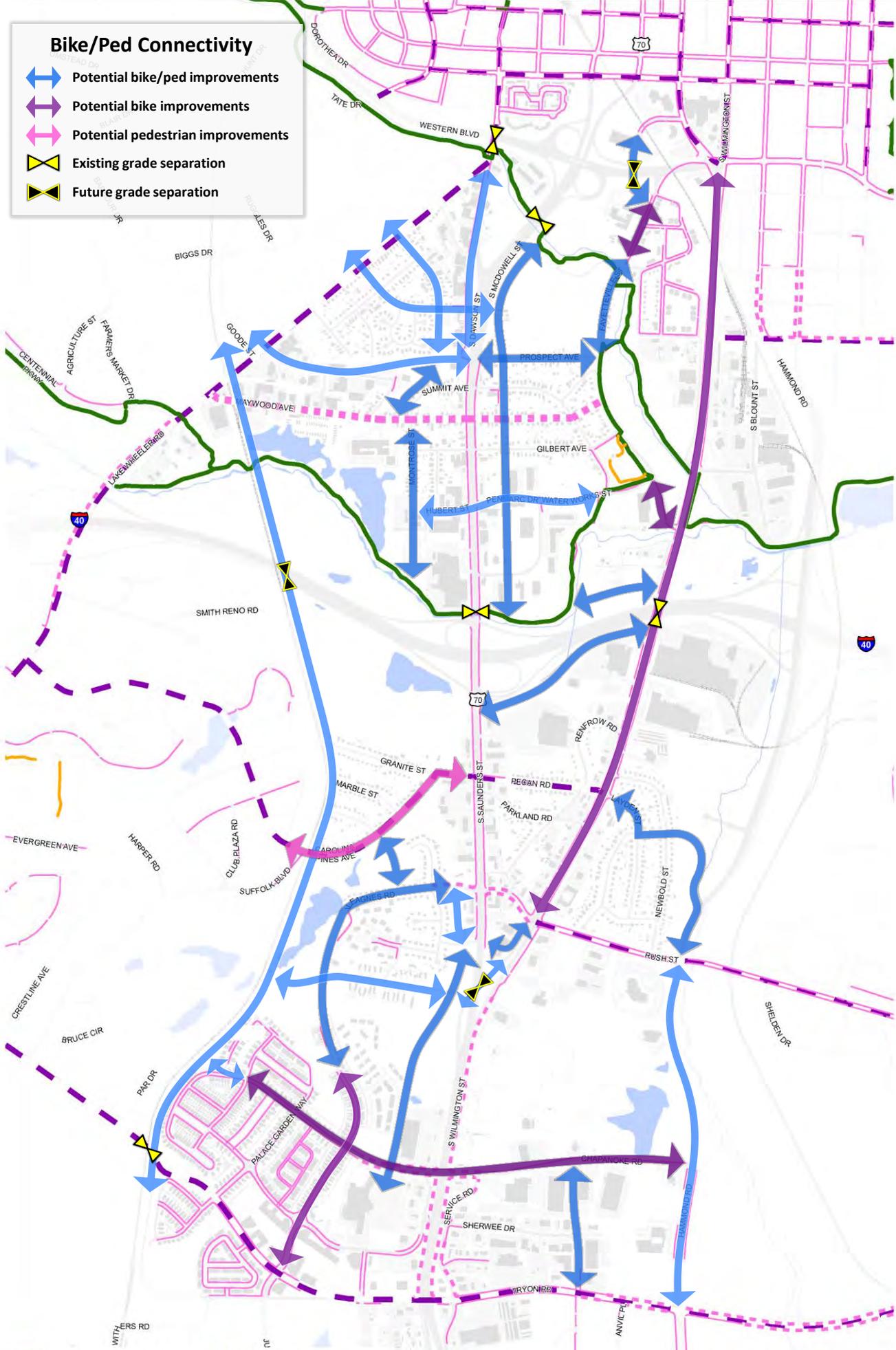




SCALE: 1" = 600'

# Bike/Ped Connectivity

- Potential bike/ped improvements
- Potential bike improvements
- Potential pedestrian improvements
- Existing grade separation
- Future grade separation



- Existing Bike Infrastructure
- Proposed Bike Infrastructure
- Existing Off-Road Trail
- Proposed Off-Road Trail
- Existing Greenway
- Proposed Greenway
- Existing Sidewalk
- Future Sidewalk





- Project Study Area
- Neighborhood Street
- Neighborhood Street Proposed
- Avenue 2-Lane, Undivided
- Avenue 2-Lane, Undivided Proposed
- Avenue 2-Lane, Divided
- Avenue 2-Lane, Divided Proposed
- Avenue 3-Lane, Parallel Parking
- Main Street, Parallel Parking
- Avenue 4-Lane, Parallel Parking
- Avenue 4-Lane, Divided
- Avenue 6-Lane, Divided
- Avenue 6-Lane, Divided Proposed
- Industrial Street
- Limited Access Highway

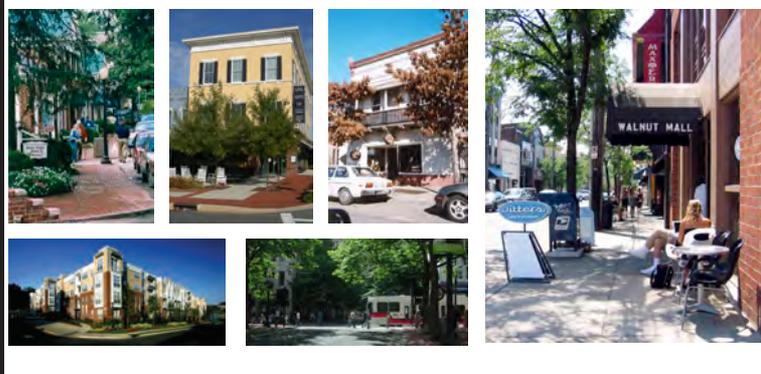
0 500 1,000 2,000 Feet



URBAN MIXED-USE



NEIGHBORHOOD MIXED-USE



INDUSTRIAL CONVERSION



TOWN CENTER



## Stations ::

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Table “A” :: Transportation + Transit

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Table “B” :: Connections

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Table “C” :: Development Strategy

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Table “D” :: Image + Character

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Table “E” :: Existing Conditions + Public Input

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## Next Steps ::

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Design Evolution Throughout Summer of 2015

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Design Alternatives Workshop | 3rd Week of September

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Existing Conditions and Frameworks Analysis Published  
to Project Website:

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[www.raleighnc.gov](http://www.raleighnc.gov)

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keyword: Southern Gateway

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