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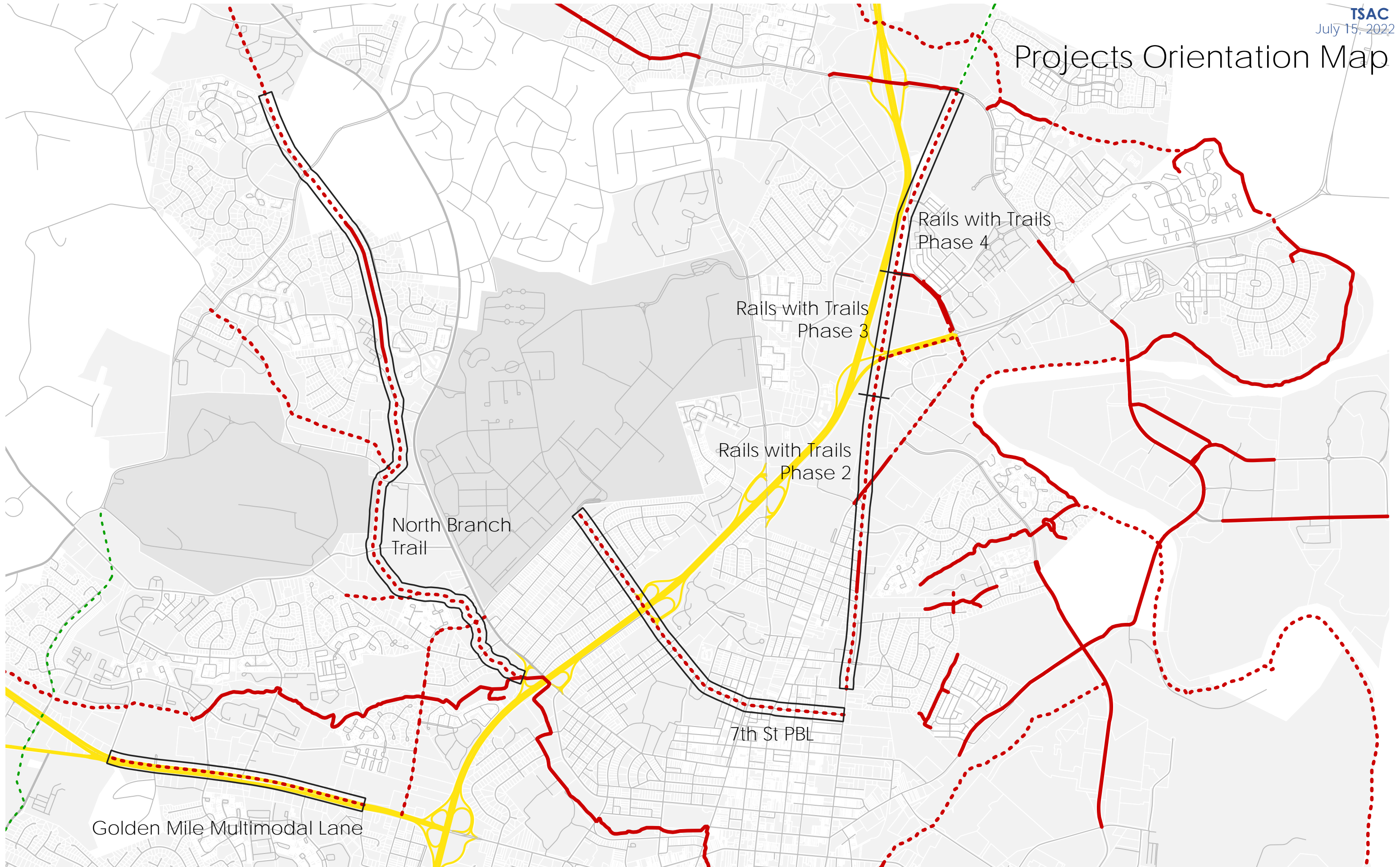
# Review of Bicycle Projects

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7/15/2022

# Projects Orientation Map





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# East Street Redesign

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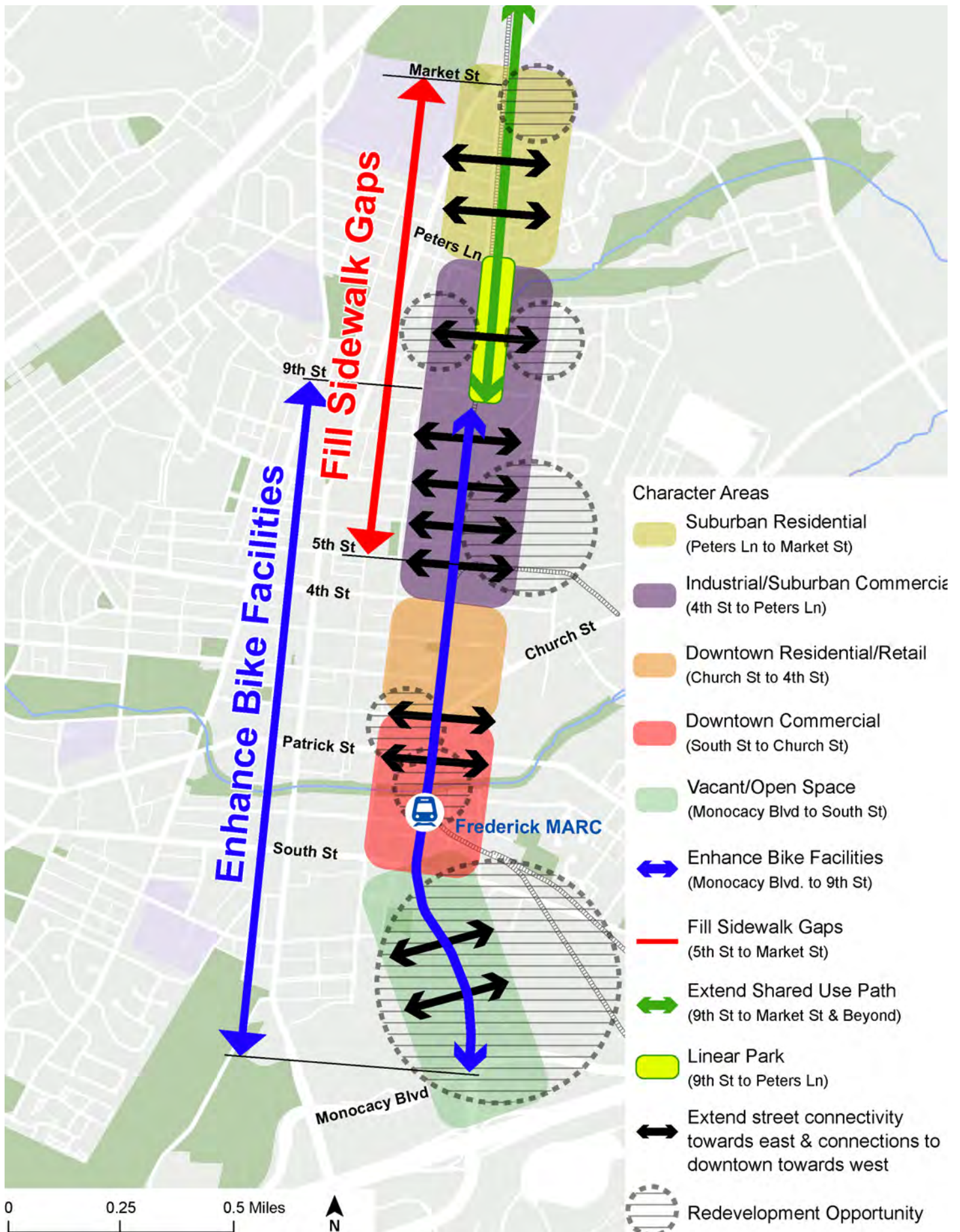


Figure 3.1: Issues &amp; Opportunities Diagram



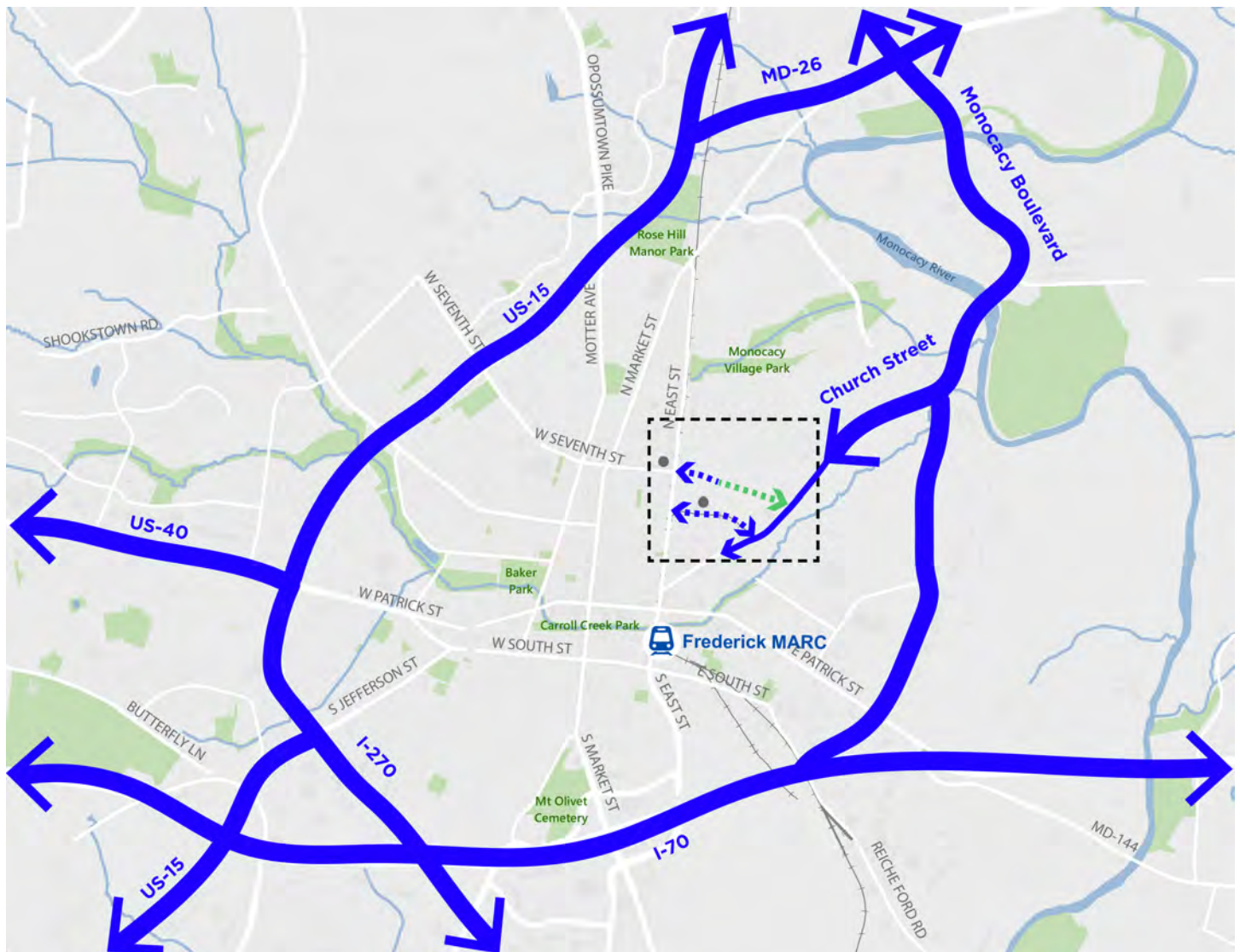
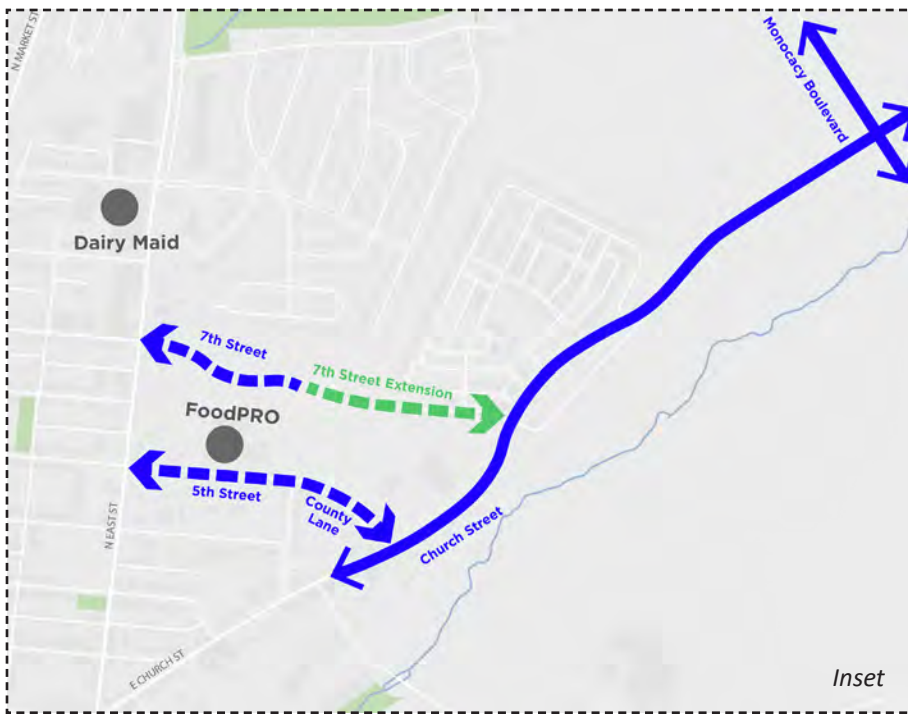


Figure 5.11: Truck Circulation

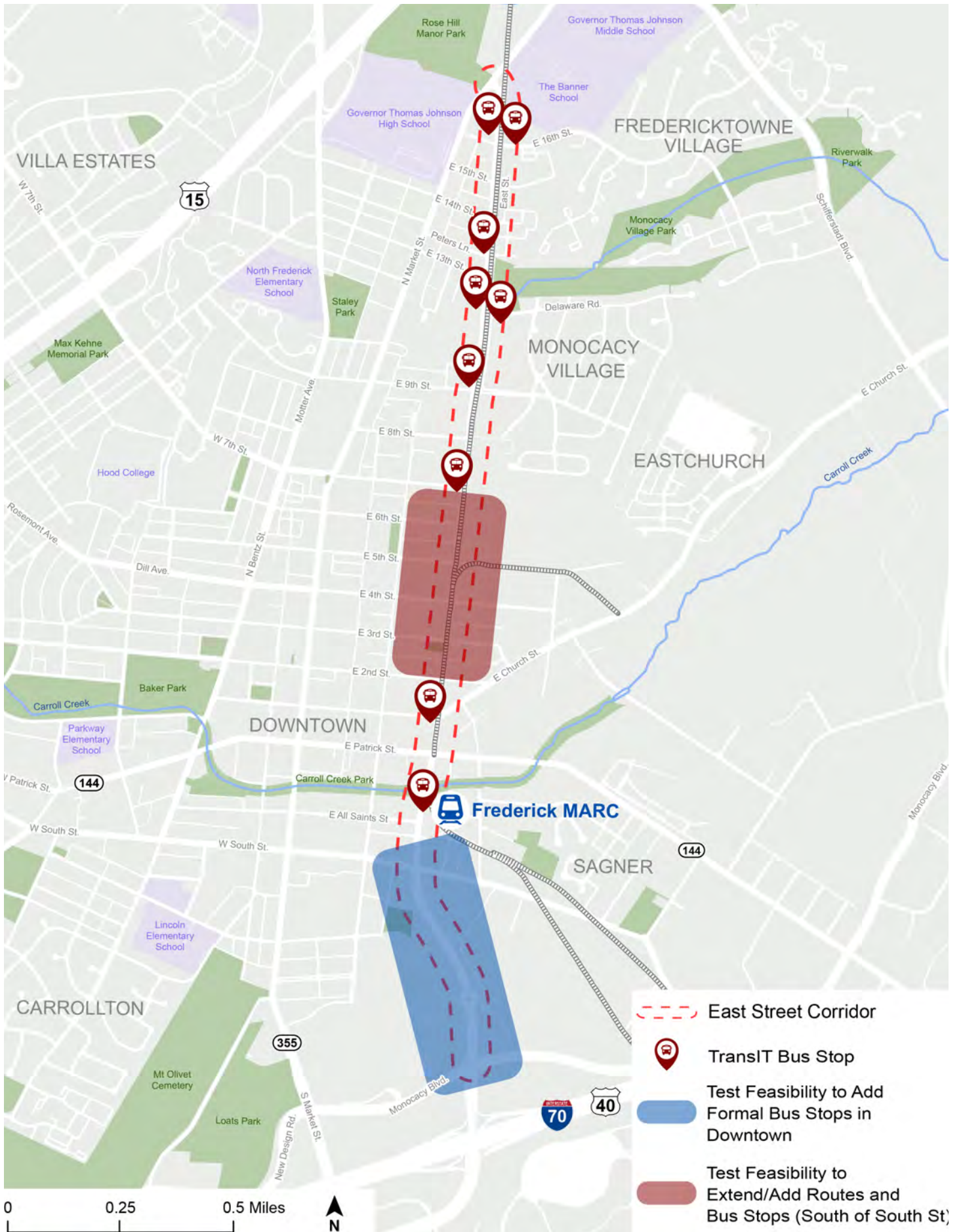


Figure 5.6: Transit Recommendations





Figure 5.1: Sidewalk and Shared Use Path Recommendations

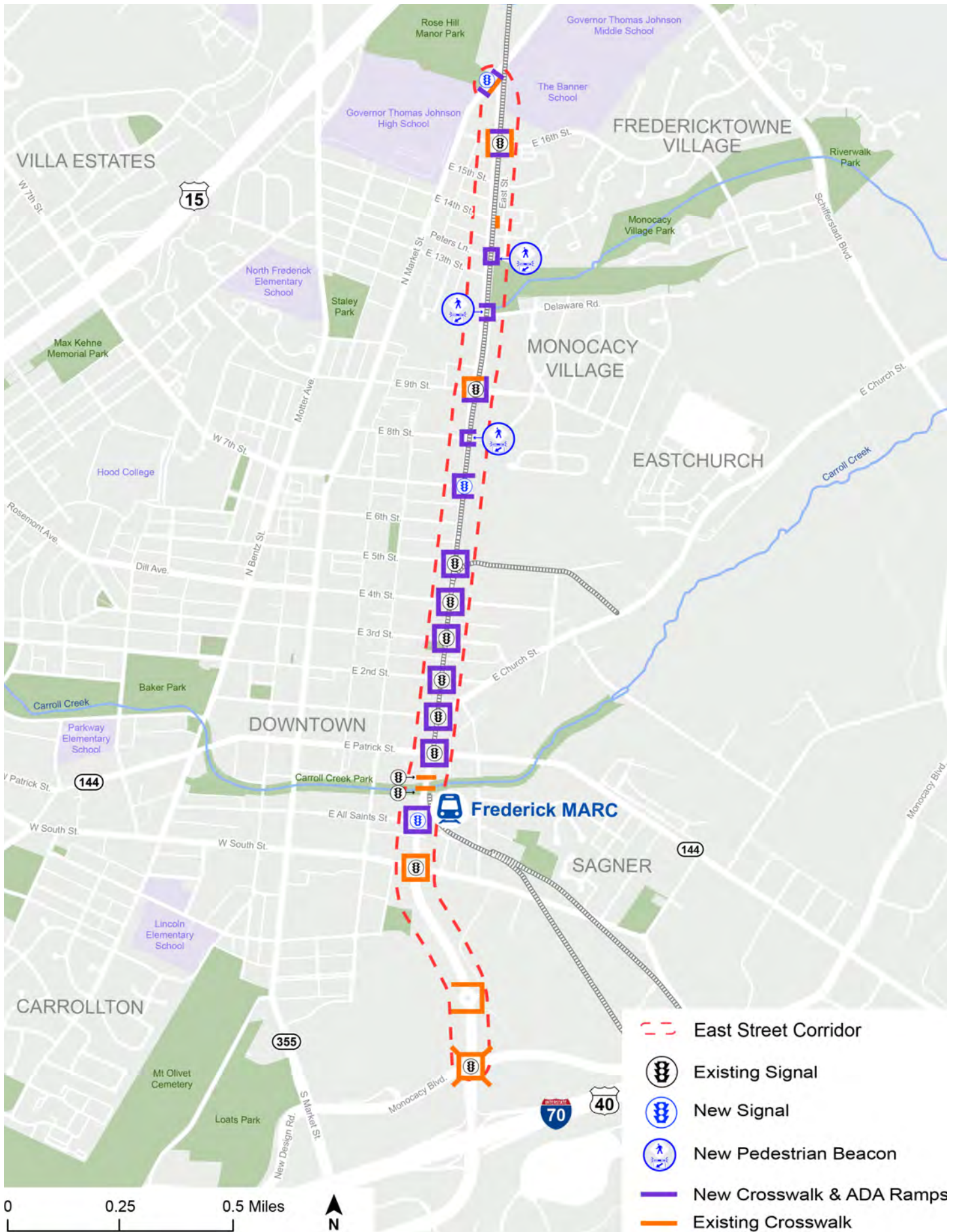


Figure 5.2: Crossing Recommendations



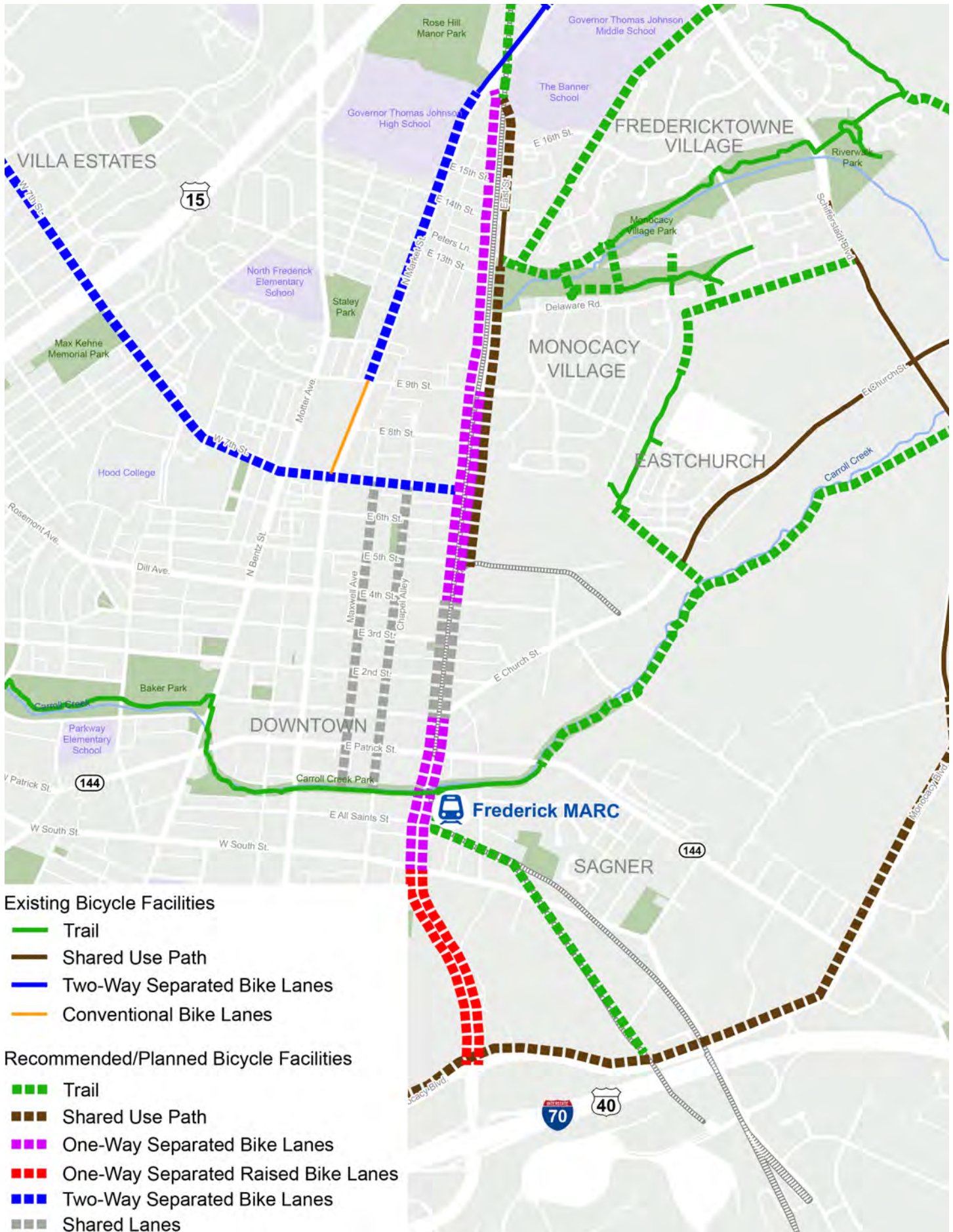


Figure 5.3: Bicycle Network Recommendation



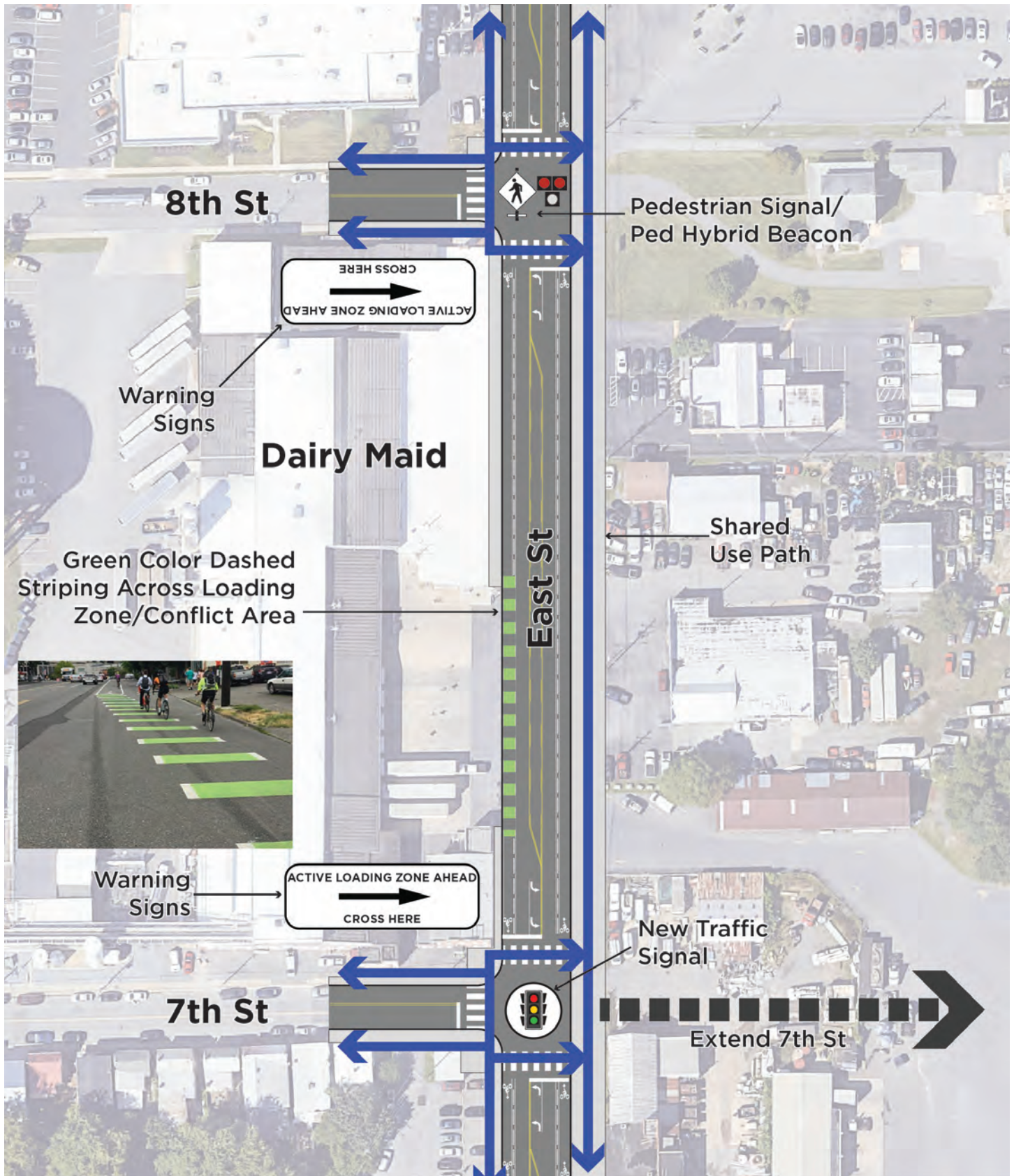


Figure 5.12: Dairy Maid Frontage Treatments



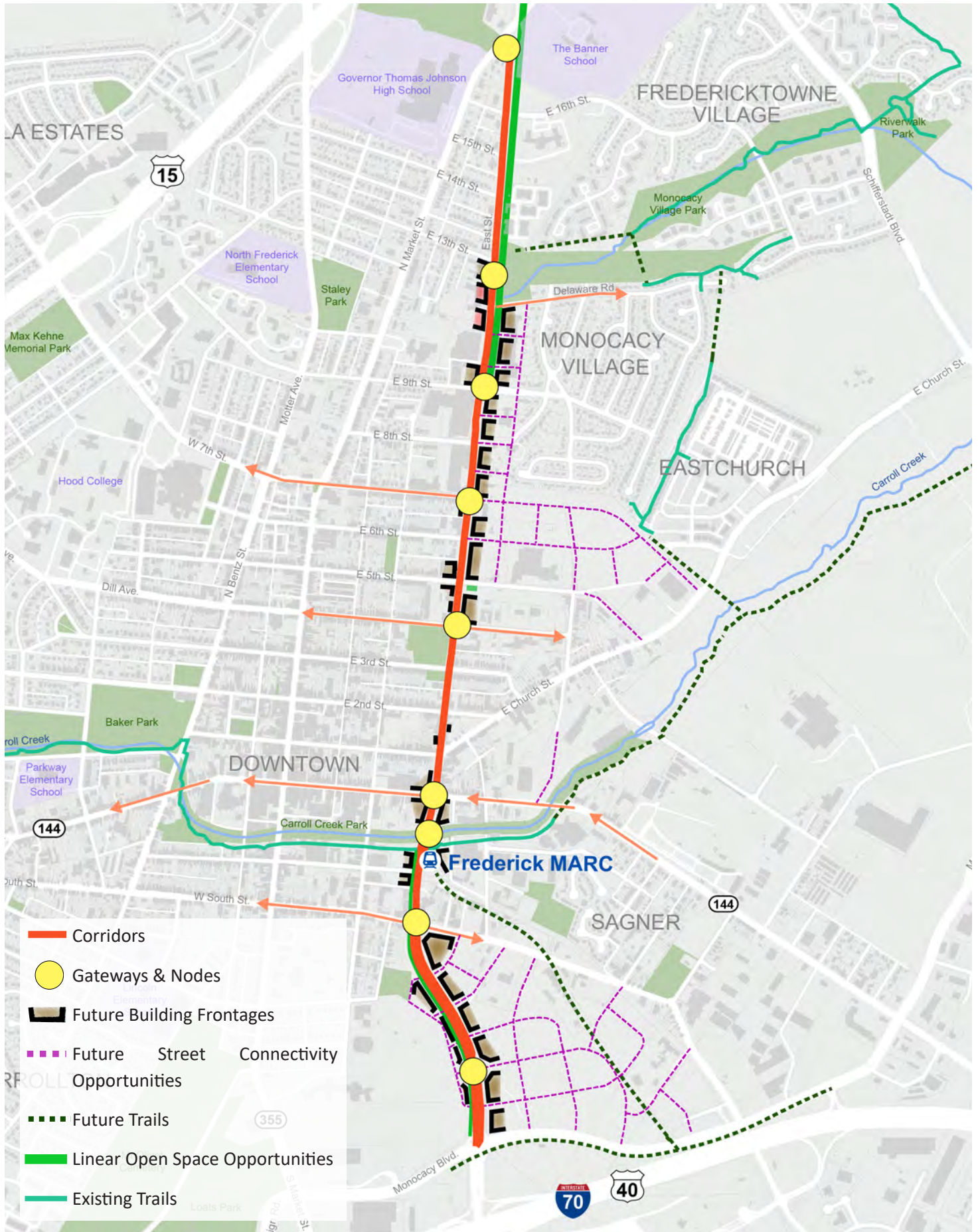


Figure 5.36: Urban Design Framework diagram



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# Let's Move Frederick

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# In this presentation...

What are we doing

Why are we doing it

Where we currently are

What are our pedestrian priorities

What are our bicycling priorities



# What are we doing: bicycling

- Making a comprehensive bicycling plan for the city
  - What kind of bike lanes where?
  - How do we build a network?
  - Is what we're doing helping people bike more?
- Programs for bicycling
  - Helmet giveaways
  - Urban biking classes
  - Bike parties, races, raffles
- Policy changes





# What are we doing: walking

- Making a walking & pedestrian plan
  - Where are we missing sidewalks?
  - Where are sidewalks terrible?
- Programs for walking
  - Walkalong inspections
  - Walk to Work Week
  - Socks & shoes for Frederick residents experiencing homelessness
- Policy changes



# Why are we doing it

- People asked:
  - 67% of survey respondents want more on-street biking routes
  - 78% want more off-street biking routes
  - 69% said a pedestrian-friendly neighborhood is appealing
  - 61% said a sidewalk is a desirable part of a neighborhood





# Why are we doing it

- Common themes from listening sessions:
  - Fixing and building sidewalks
  - Making it safe to bike
  - Drivers don't feel safe passing bicyclists on the street
  - People want to walk and bike more



# Responding with a vision

The City of Frederick will be a community where bicycling and walking is as comfortable, useful, and safe as driving and is affordable and accessible to all residents and visitors.



Priorities: Pedestrians





# Priorities Heatmap



Distance to a park



Distance to a school



Distance to a bus stop

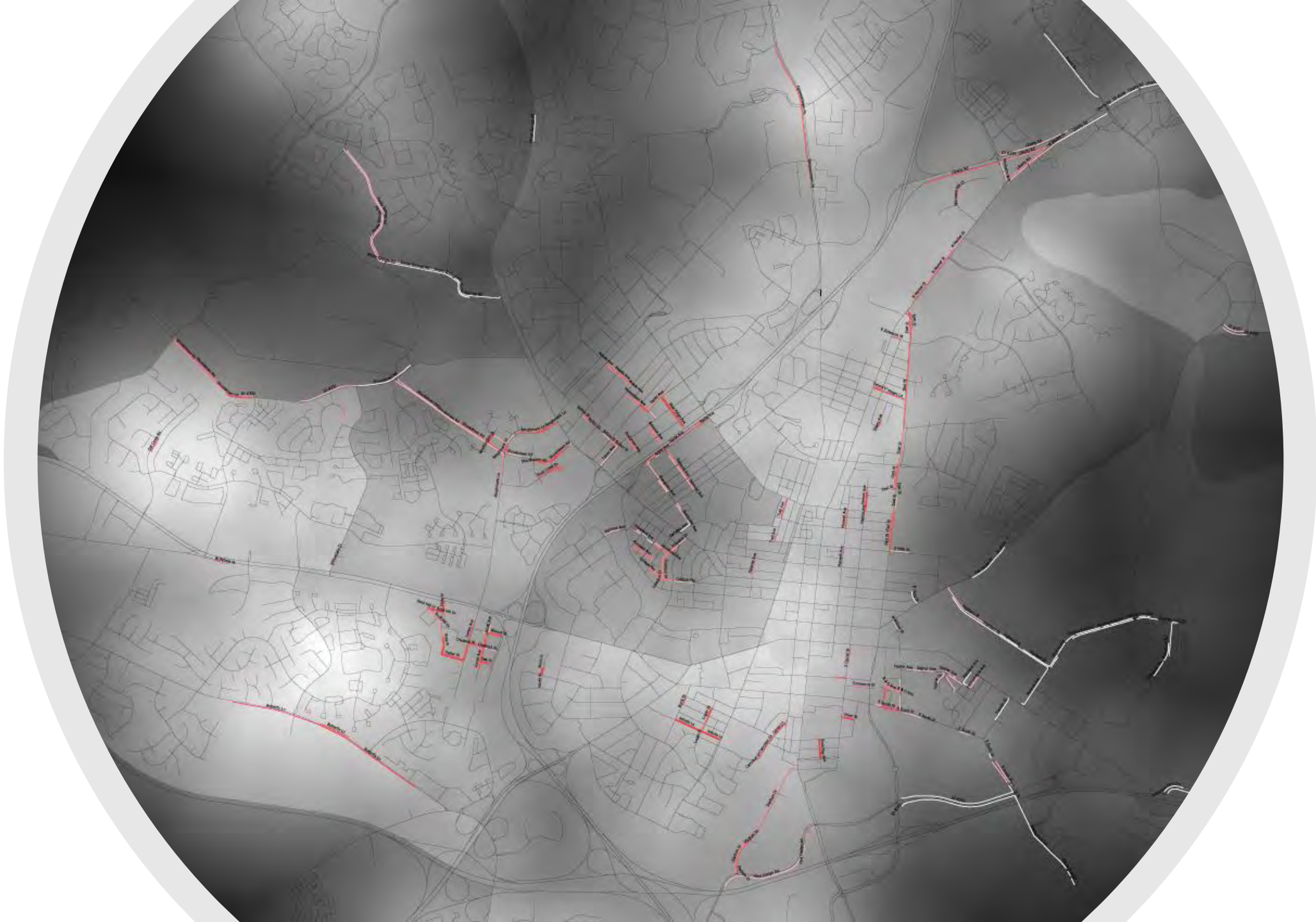


Population + jobs density



Proportion of residents with fewer cars  
than workers





# Overall Priorities

1. Improve intersections
2. Build sidewalks
3. Enforce sidewalk maintenance ordinance



## Priorities: Bicycling





# Bicycling Priorities

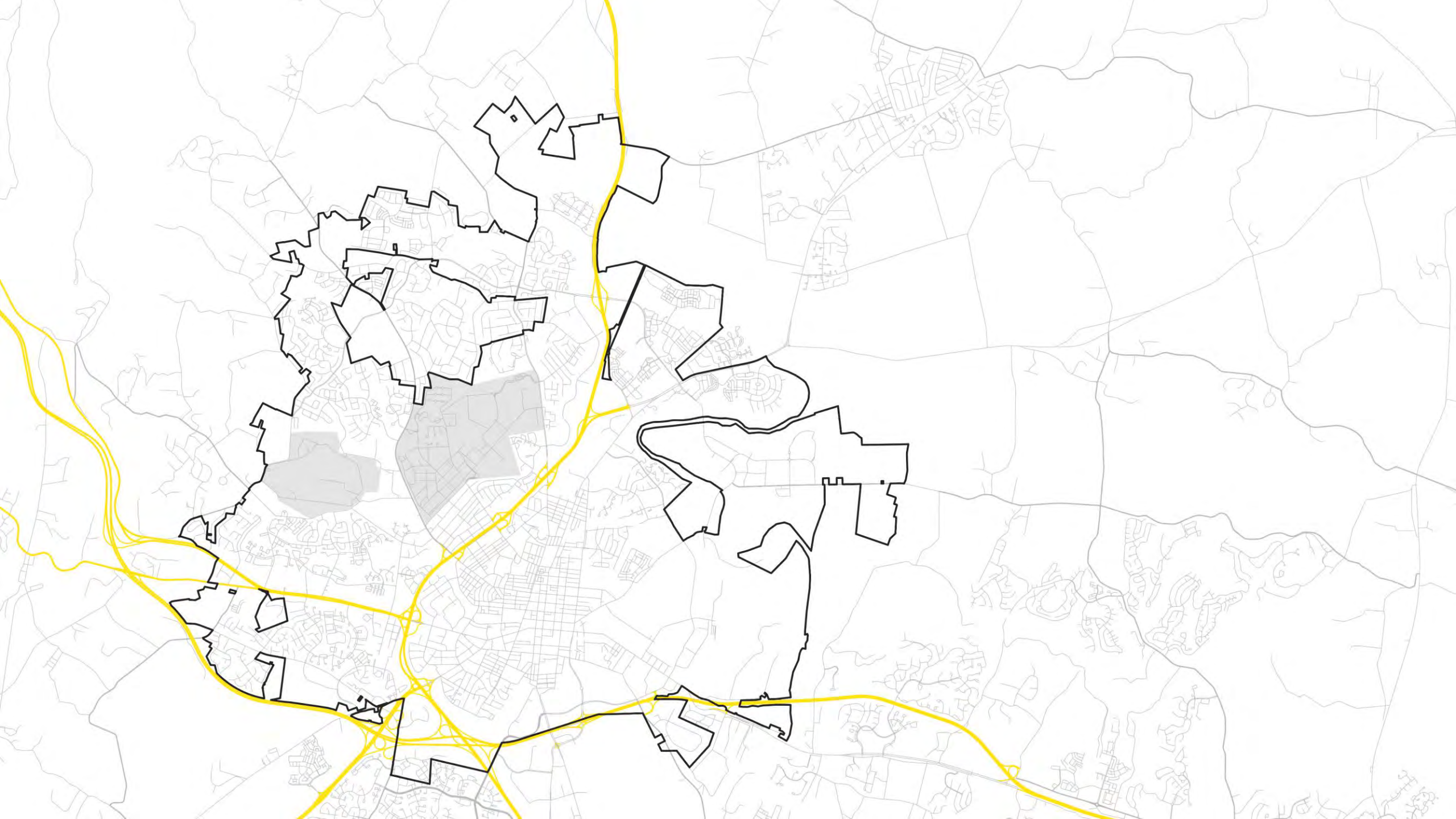


Building a useful network

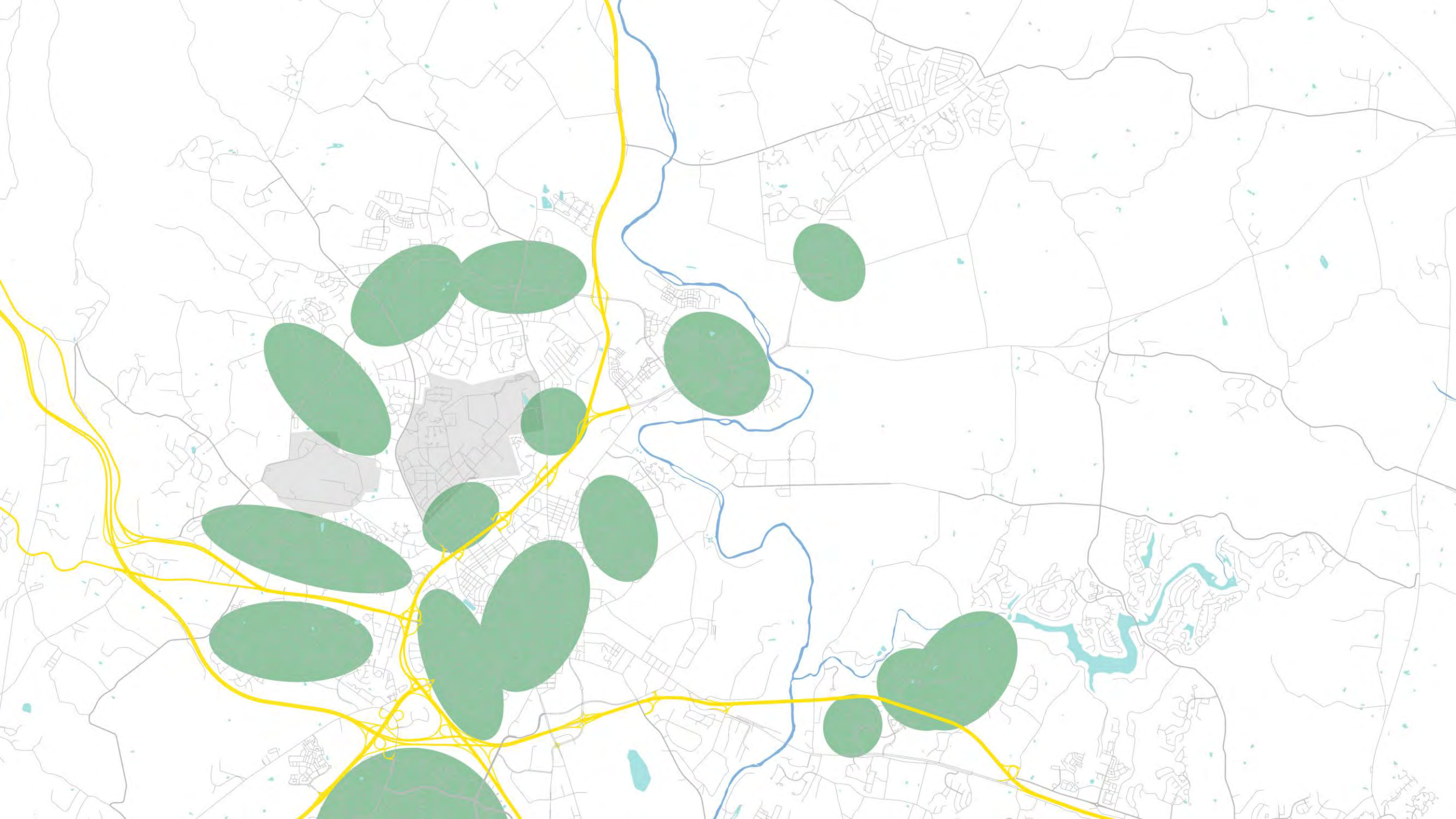


Building a safe network

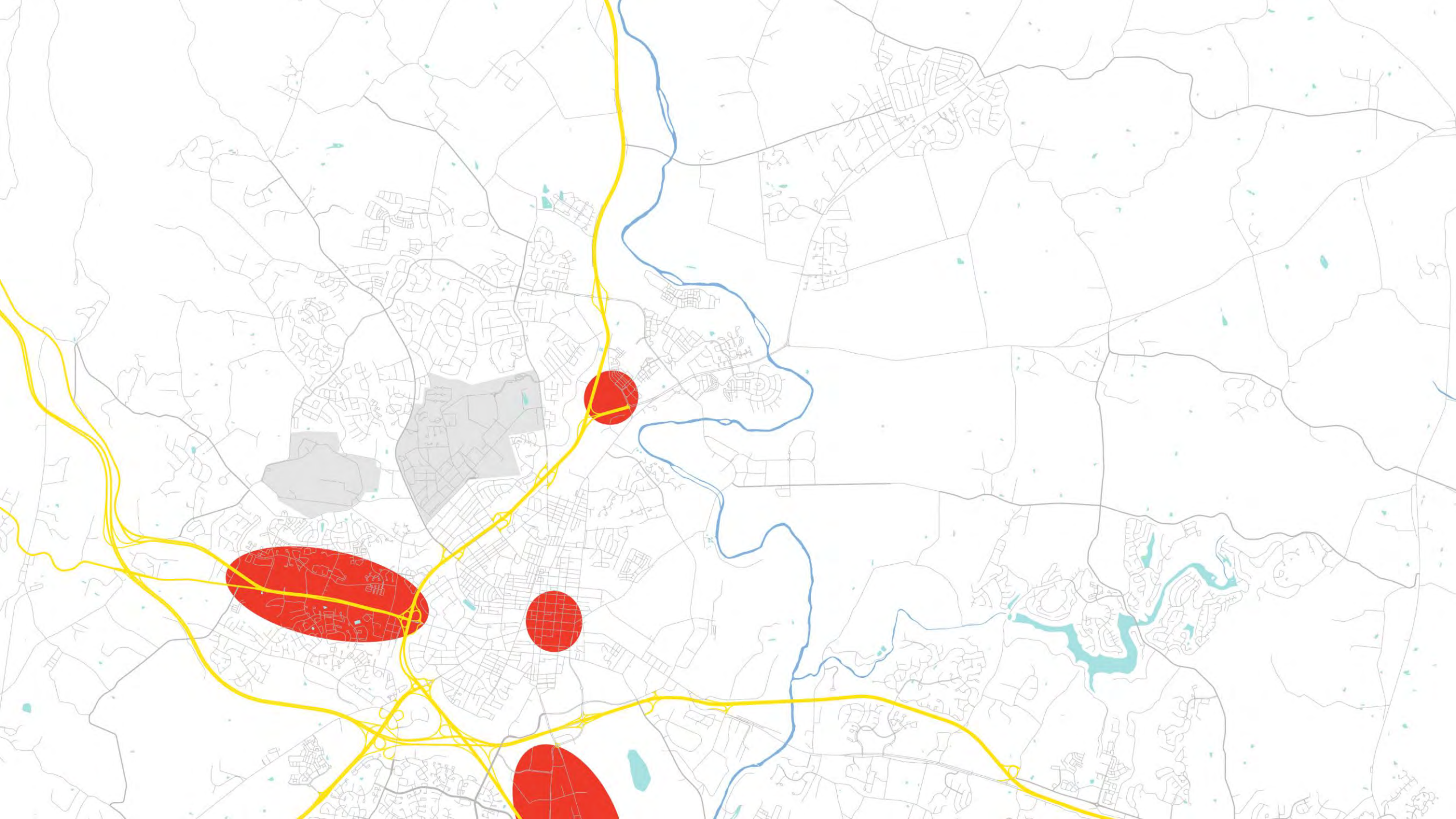




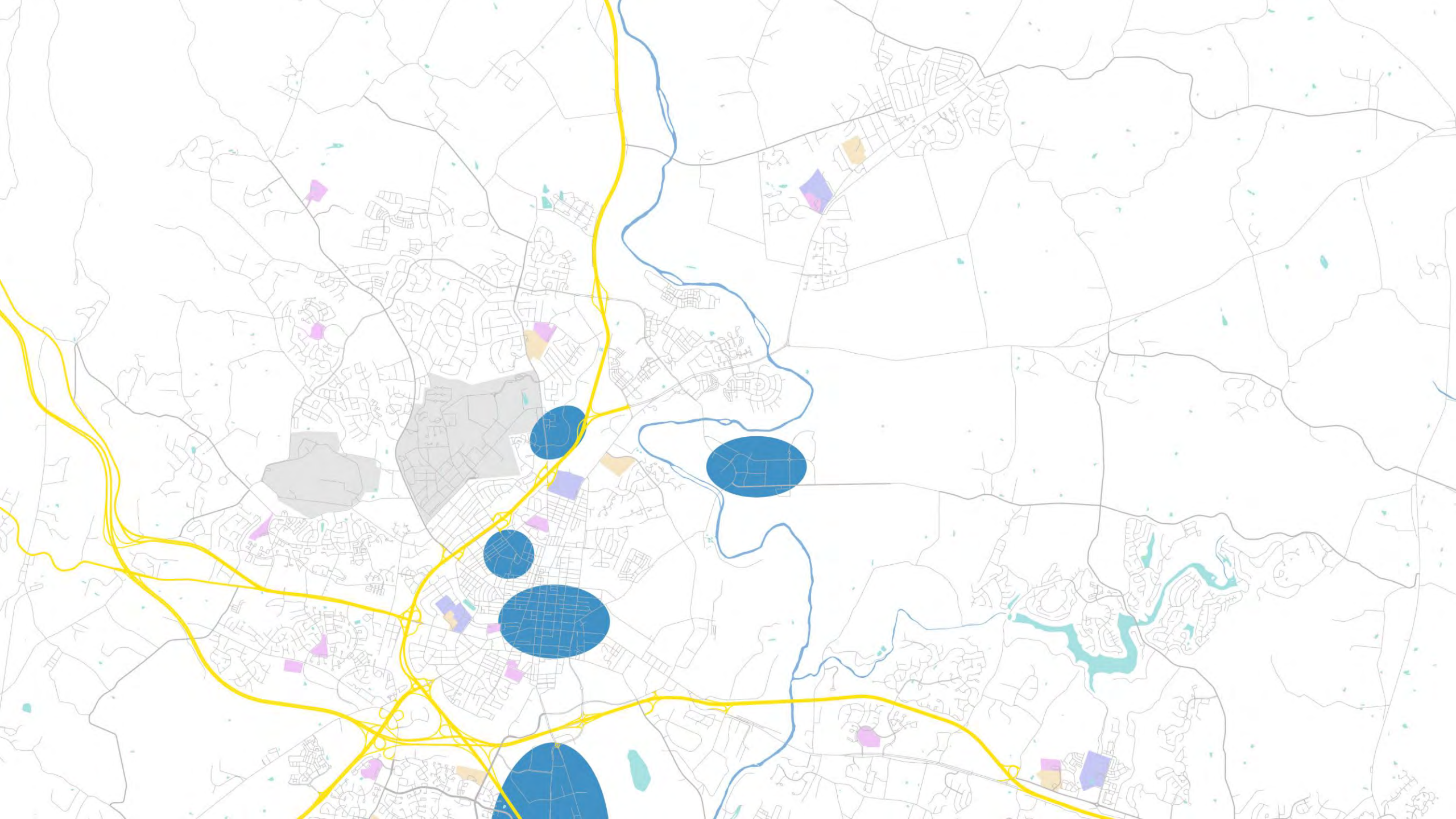




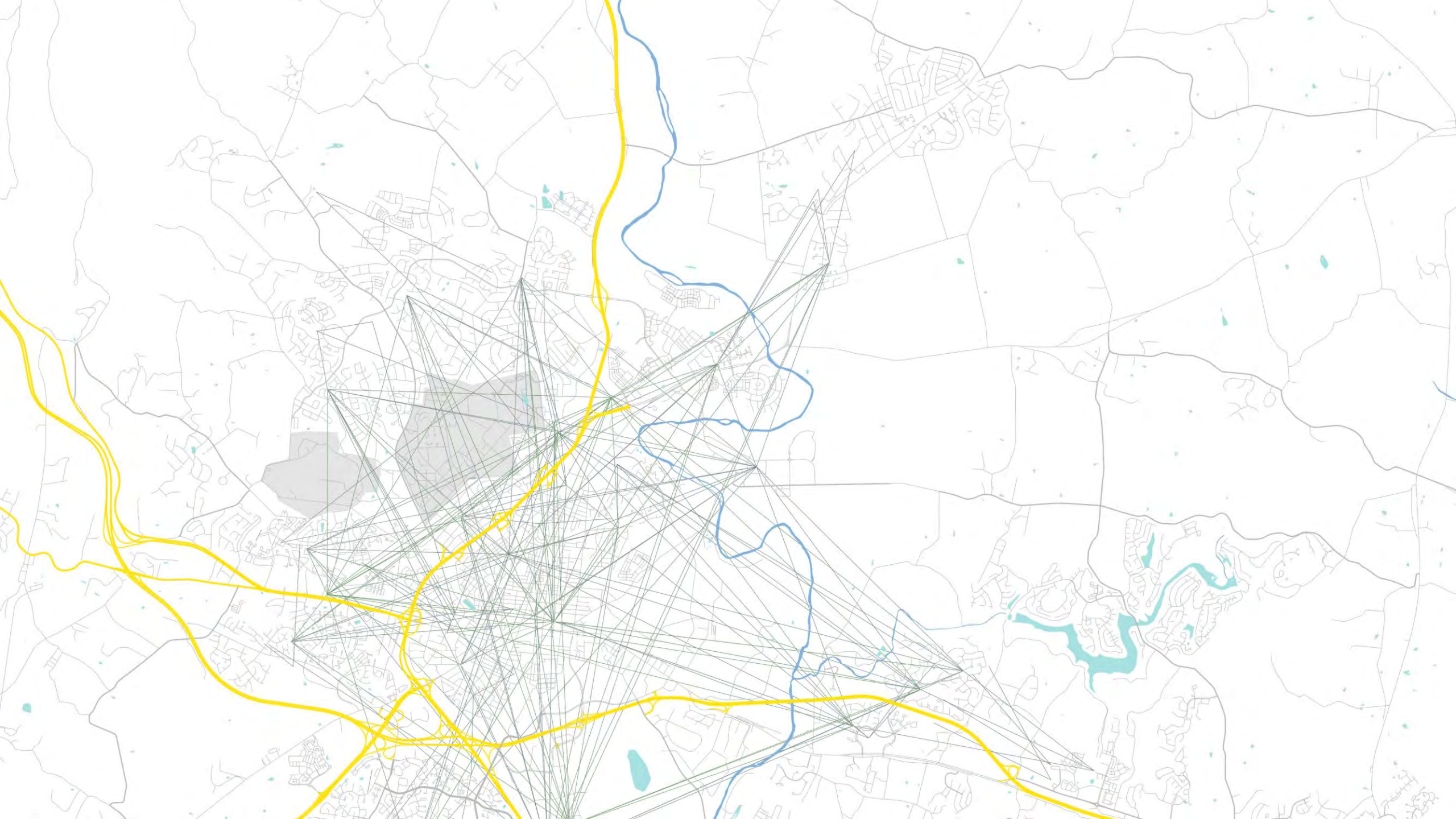




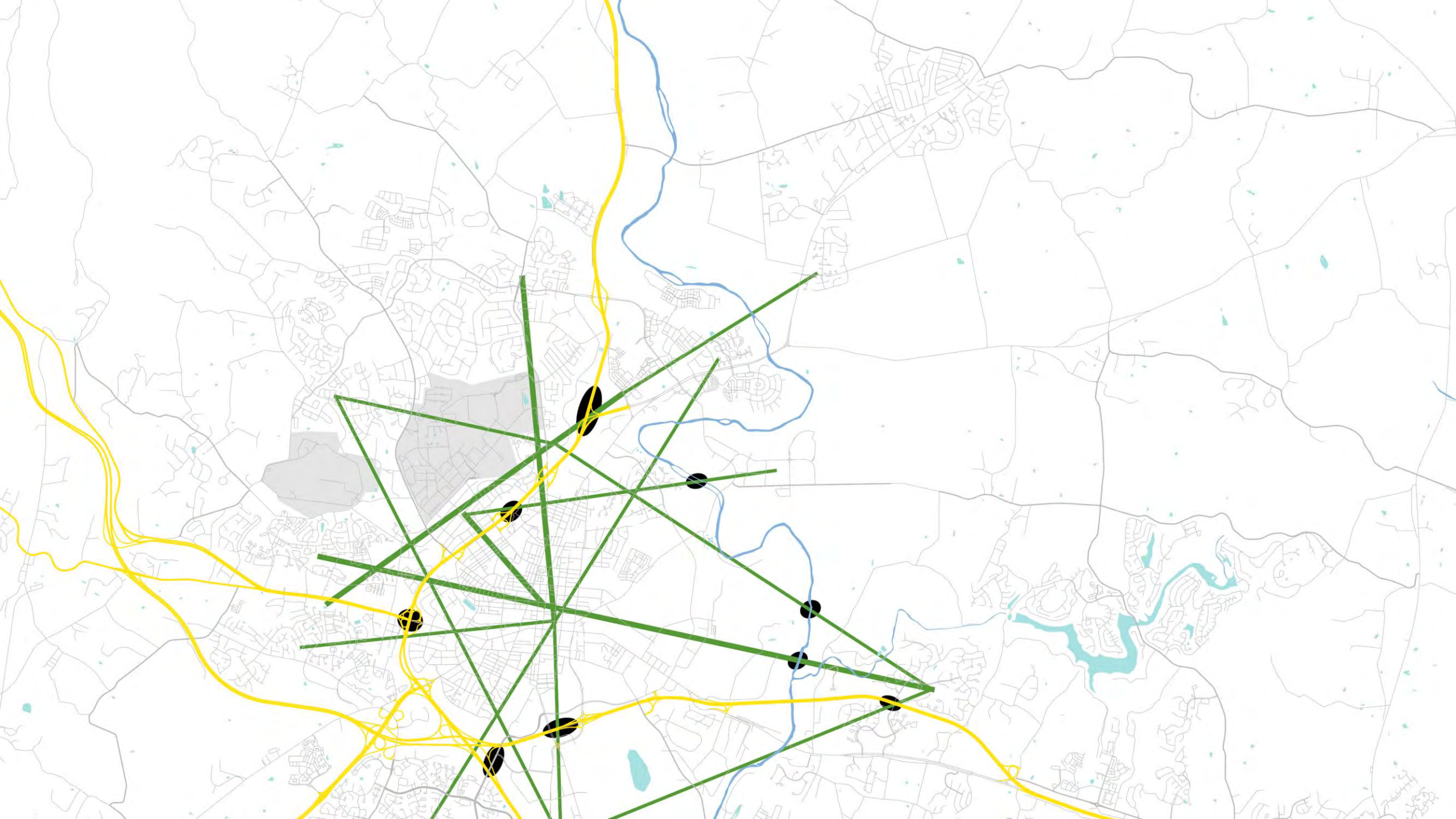






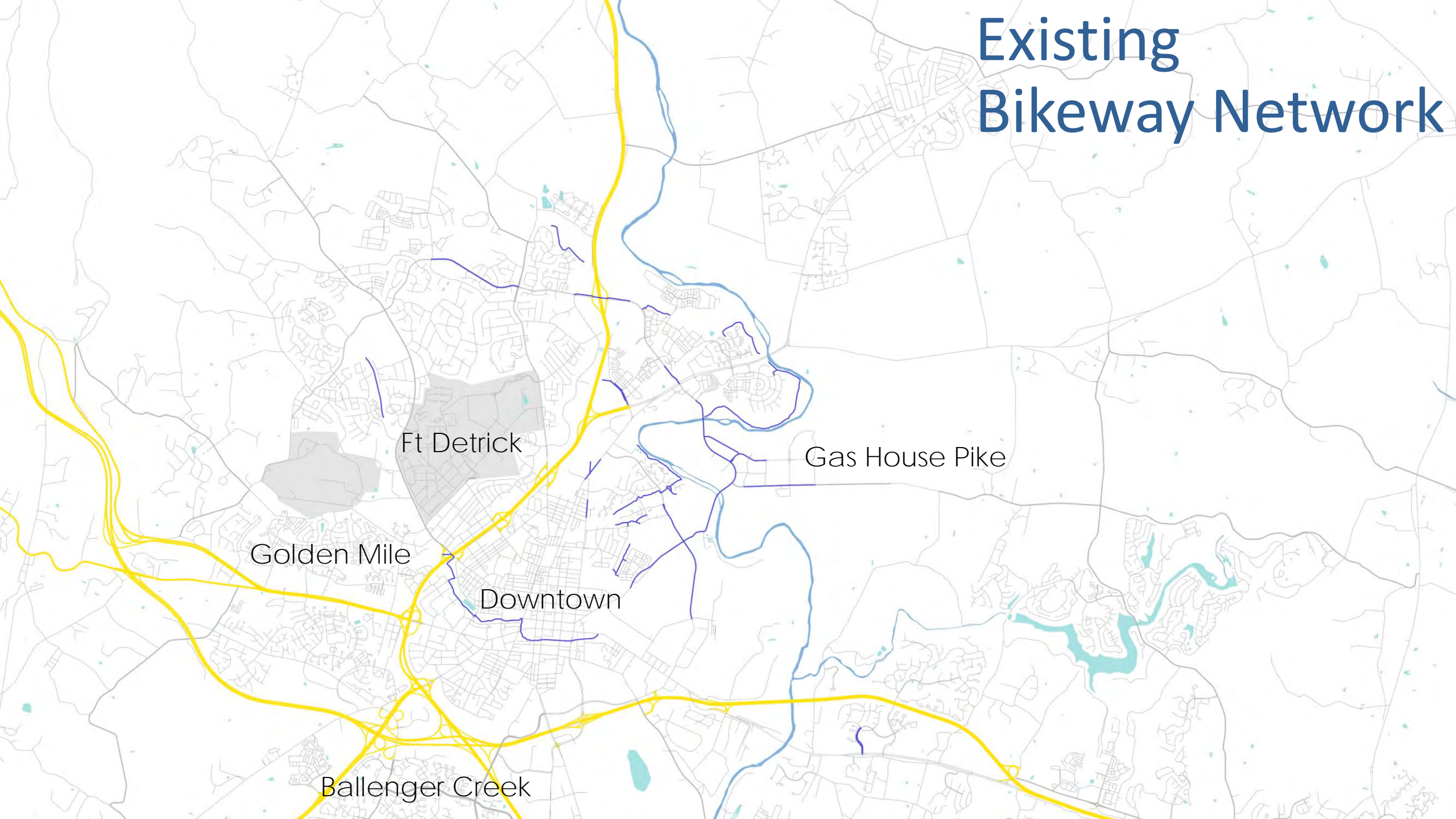






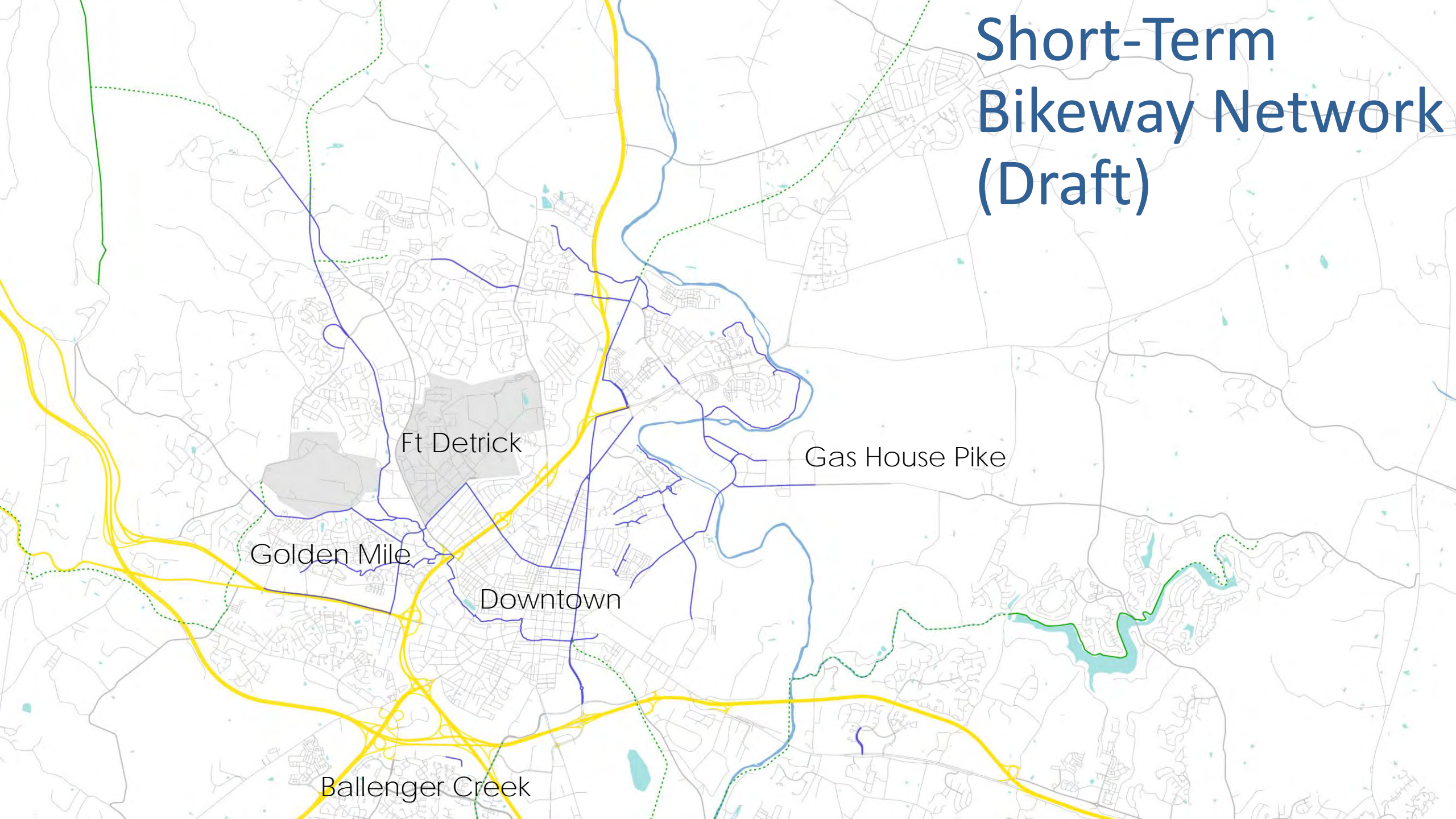


# Existing Bikeway Network



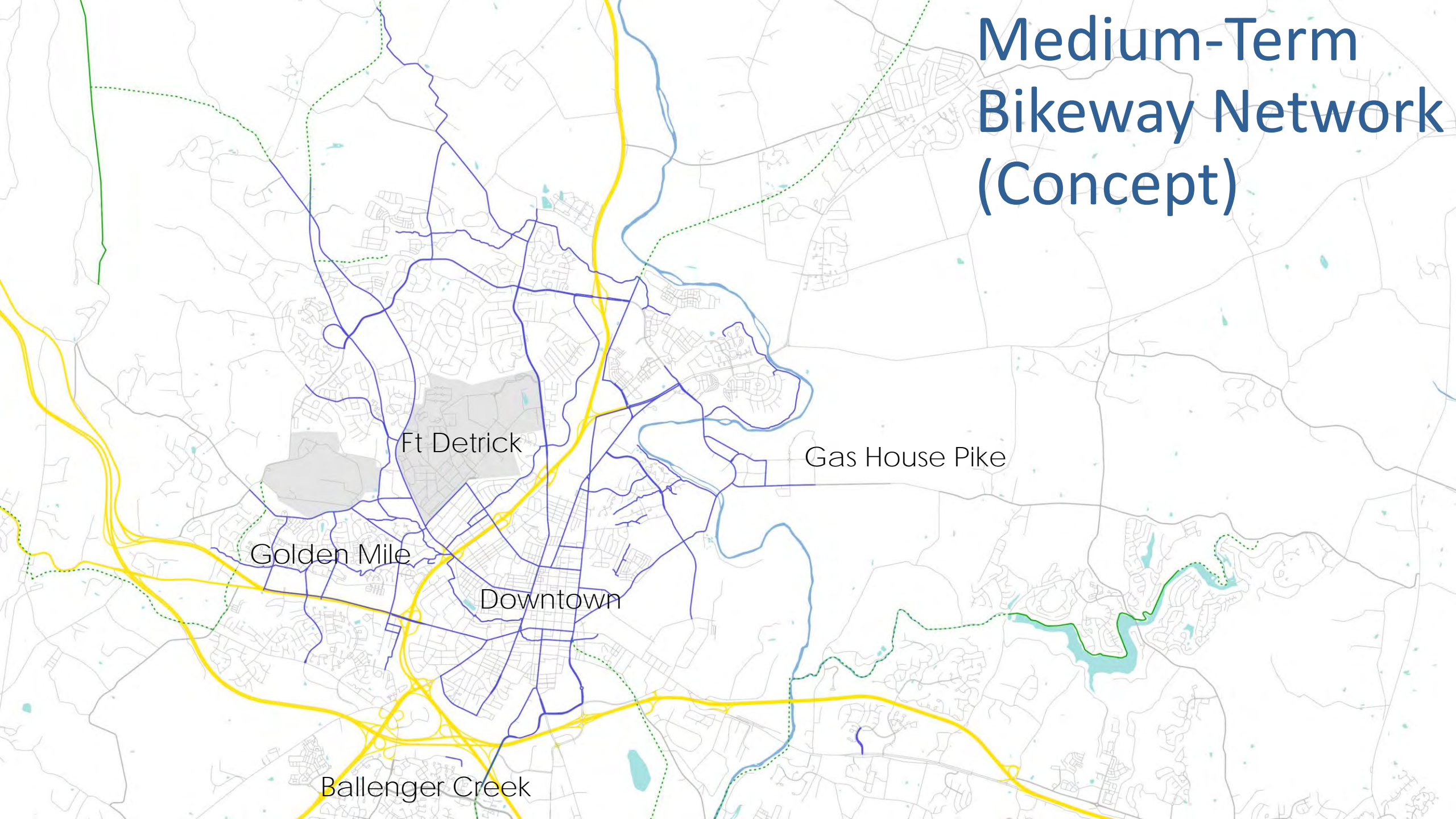


# Short-Term Bikeway Network (Draft)



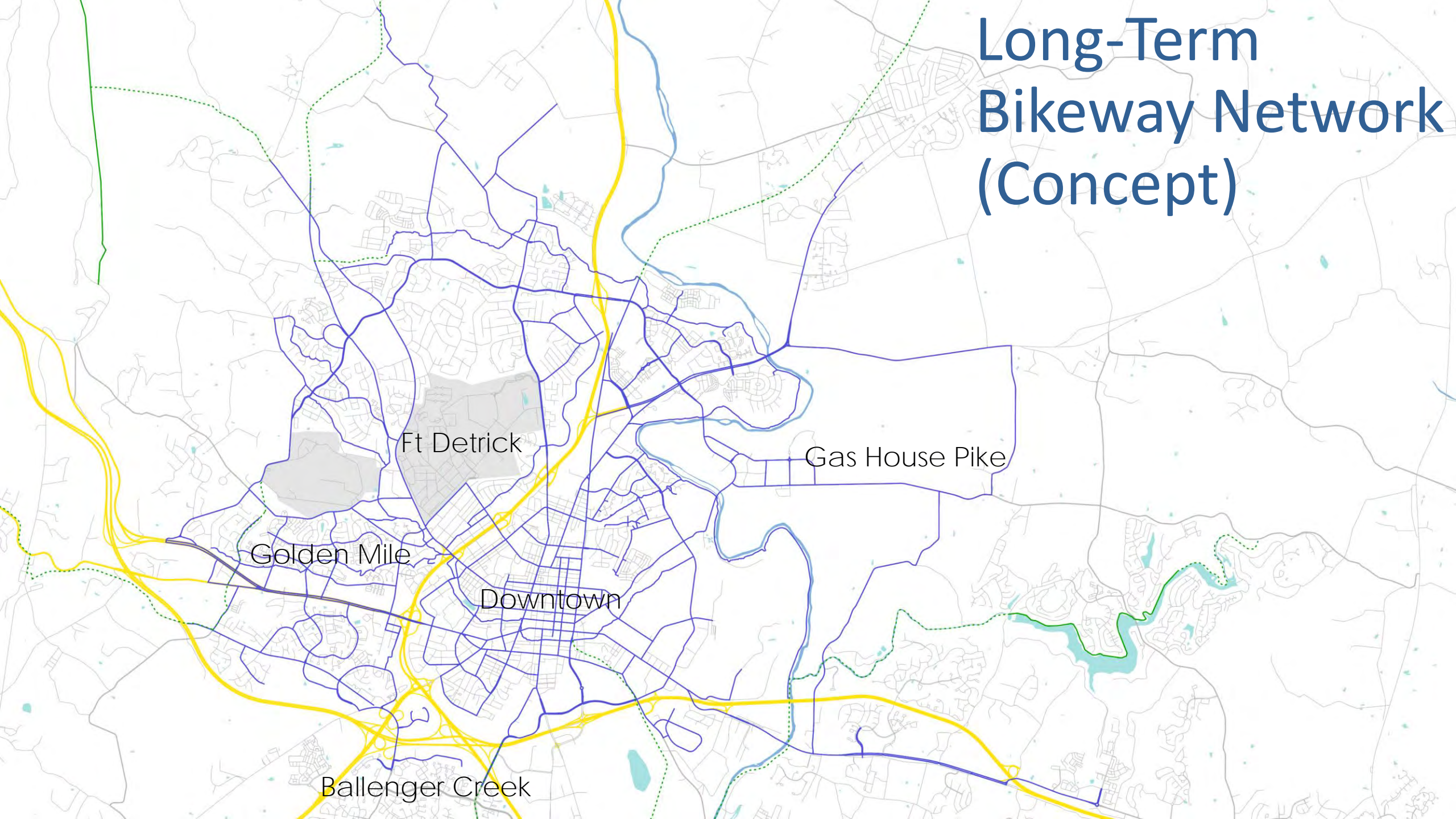


# Medium-Term Bikeway Network (Concept)



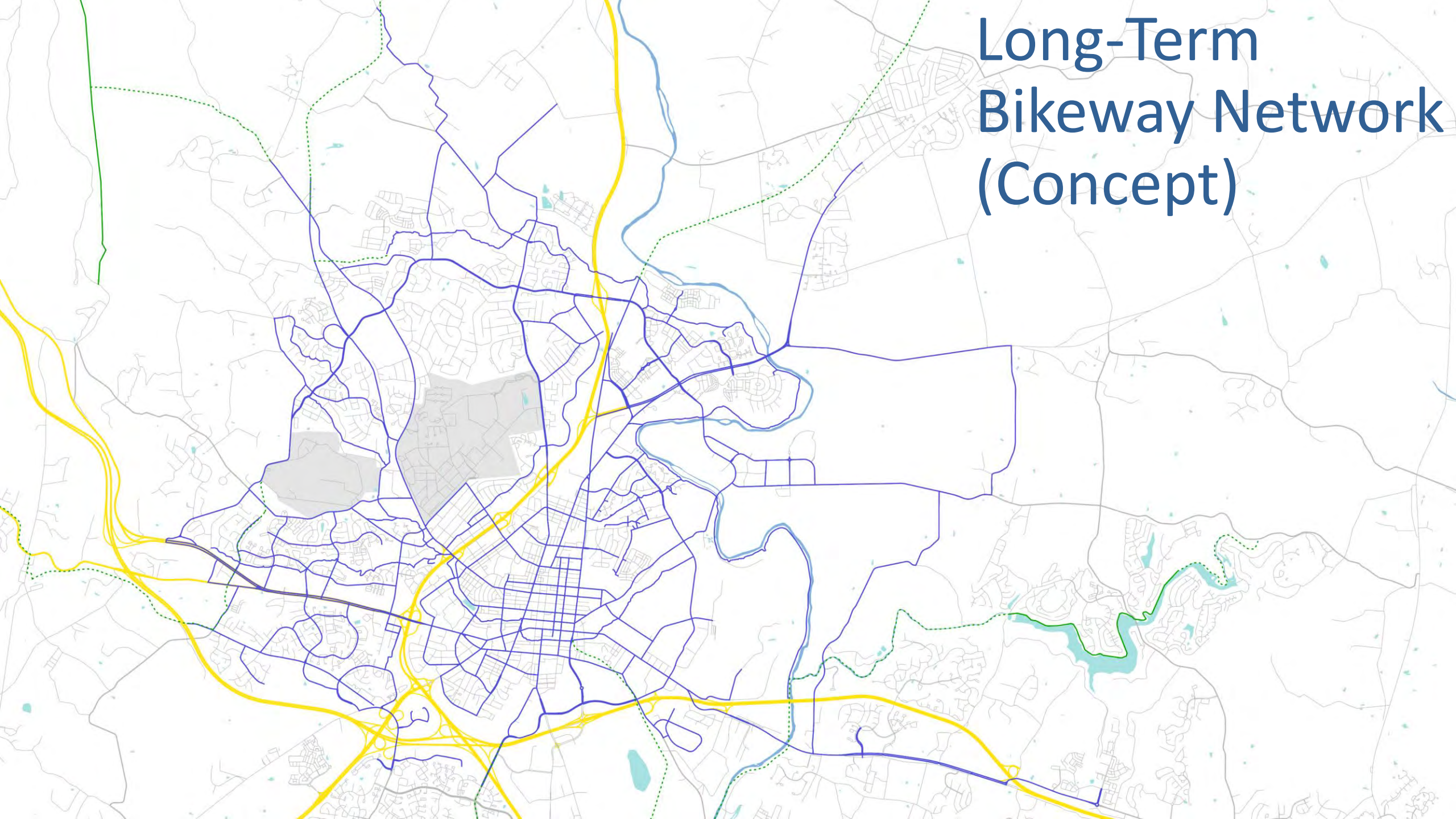


# Long-Term Bikeway Network (Concept)



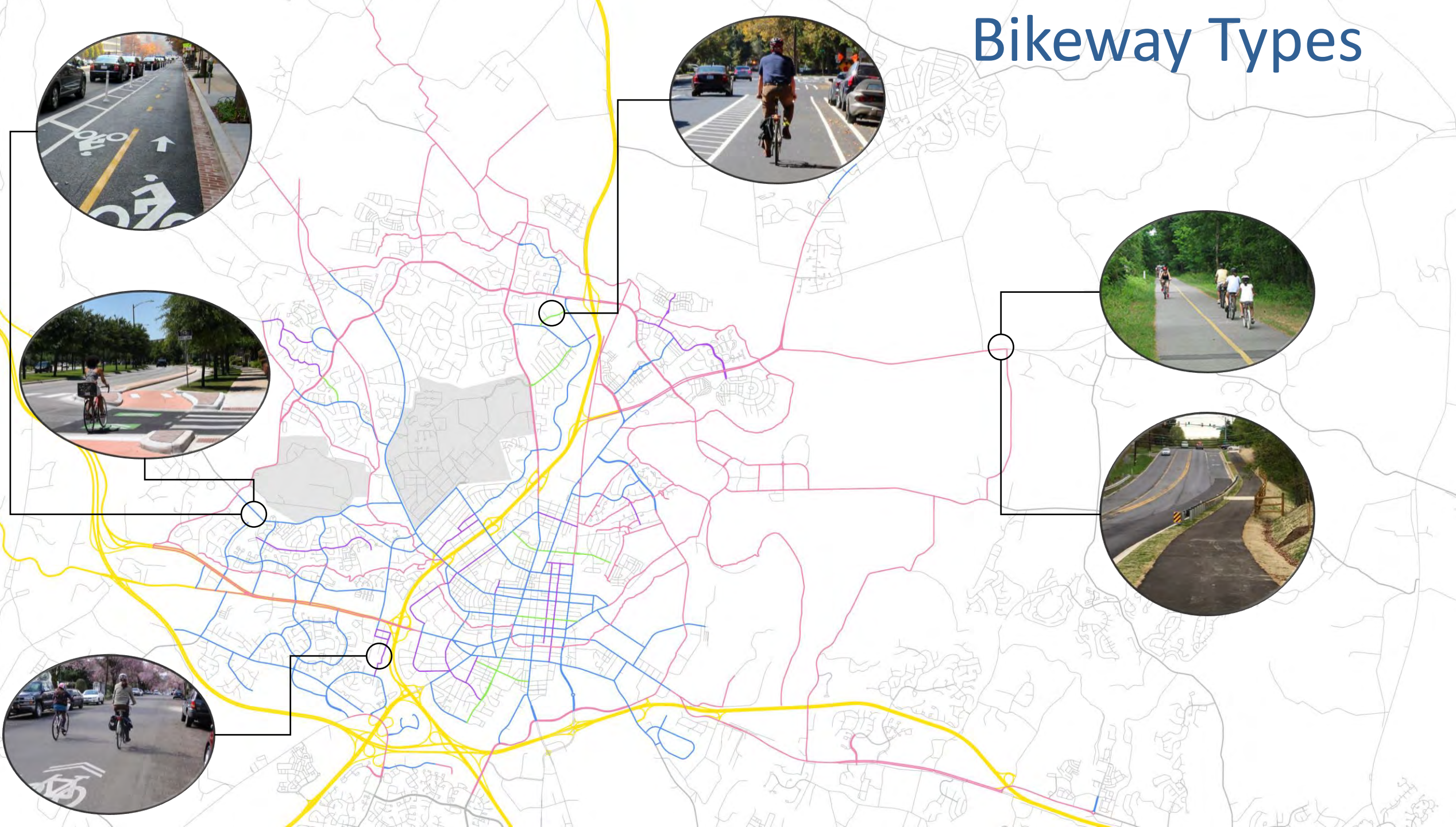


# Long-Term Bikeway Network (Concept)





# Bikeway Types



Policy, Programs, Finance





# Proposed Policy Changes

- Parking
  - Reduce or eliminate parking minimums
  - Examine ways to unbundle parking from rent
  - Incentivize businesses to cash-out their parking benefits
- Update Design Standards
- Encourage more mixed developments
- Home bicycle parking
  - Require secure parking new buildings
  - Ban buildings from banning bikes on balconies or in units
  - Encourage in-unit bicycle parking options

# Proposed Programs

- City-Supported
  - Bike to Work Day, Walk to Work Day
  - Bikes and Beers, Gran Fondo, High-Wheel Race
  - Bike Classes
  - Walking School Bus / Bike Trains
- City-Coordinated
  - Necessities Giveaways, Earn-a-Bike
  - Walk Audits
- City-Led
  - Marketing, Welcome to Frederick Packets, Bike Share



# Financing

- \$123 million program if built new with consultants
  - \$7 million for sidewalks and intersections
  - \$116 million for bicycle projects
- Coordinate with paving schedule to bring down construction cost
- Evaluate cost/benefit of dedicated in-house design staff
- Aggressively pursue grant funding
- Spread construction over 30 years



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## MARYLAND

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