

Lexington Area MPO Bicycle and Pedestrian Master Plan

Council Work Session
October 24, 2017



Nicholasville



The logo for Nicholasville features a stylized grey building with a flag on top, positioned to the right of the text 'Nicholasville'.



LEXINGTON



Project Overview



**Connecting
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Creative Outreach Tools

Project Timeline

Several Ways to Stay Involved!



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Recommendations



POLICY



PROGRAMS



DESIGN



EVALUATION

Action Steps	Person(s)/ Organization(s) Responsible	Target Completion Date
Seek funding for a bicycle and pedestrian counts program; Assign staff to manage counts program	Public Works	End of 2017
Determine locations for pedestrian and bicycle counts	Public Works, BPAC	Mid-year 2018
Conduct routine maintenance of counters		Ongoing
Regularly review counts data to evaluate trends in bicycle and pedestrian travel		
Establish procedures for sharing counts data with the public		

Action Steps	Person(s)/ Organization(s) Responsible	Target Completion Date
Purchase appropriate equipment to maintain bikeways	Public Works	End of 2017
Establish routine schedule for maintenance of separated bikeways	Public Works	End of 2017
Dedicate funding to bikeway maintenance	Public Works; Mayor's Office	Early 2018



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Local Policies



Programs



EDUCATION



ENCOURAGEMENT



EVALUATION



EQUITY



ENFORCEMENT



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Sidewalk Network Development



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New Approach

STEP 1: INVENTORY MISSING SIDEWALK NETWORK



Comprehensive
inventory of all missing
sidewalks, including
local and private streets
within USB



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STEP 2: IDENTIFY PROPOSED PEDESTRIAN PROJECTS

Remove local and
private streets;

Remove streets
where sidewalk on
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New Approach

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Remove local and private streets;

Remove streets where sidewalk on one side is adequate

STEP 3: SORT BY PROJECT TYPE

Identify projects to be completed by:

- New Development
- Roadway Project
- Standalone Pedestrian Improvement Project

New Approach

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Identify projects to be completed by:

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Pedestrian Improvement Project:
-Sidewalks
-Shared Use Trails
-Intersection Improvements

NETWORK DEVELOPMENT

PEDESTRIAN
IMPROVEMENT
PROJECTS

56 MILES



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Bikeway Network Development



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Types of Cyclists

NO WAY, NO HOW



08%

INTERESTED BUT CONCERNED

46%



34%



ENTHUSED & CONFIDANT

12%



STRONG & FEARLESS



8-80 Bikeway Network Means...

...**Safety** for ALL Users!

- Forgiving Design
- Human Scale
- Complete Streets

...**Connected** Routes!

- No Network Gaps
- Convenient Routes
- Continuous



Network Approach

- Focus on network connectivity with short-term implementation
- Sort existing and proposed projects into three tiers:

MAJOR BIKEWAY
(Mainline Routes)



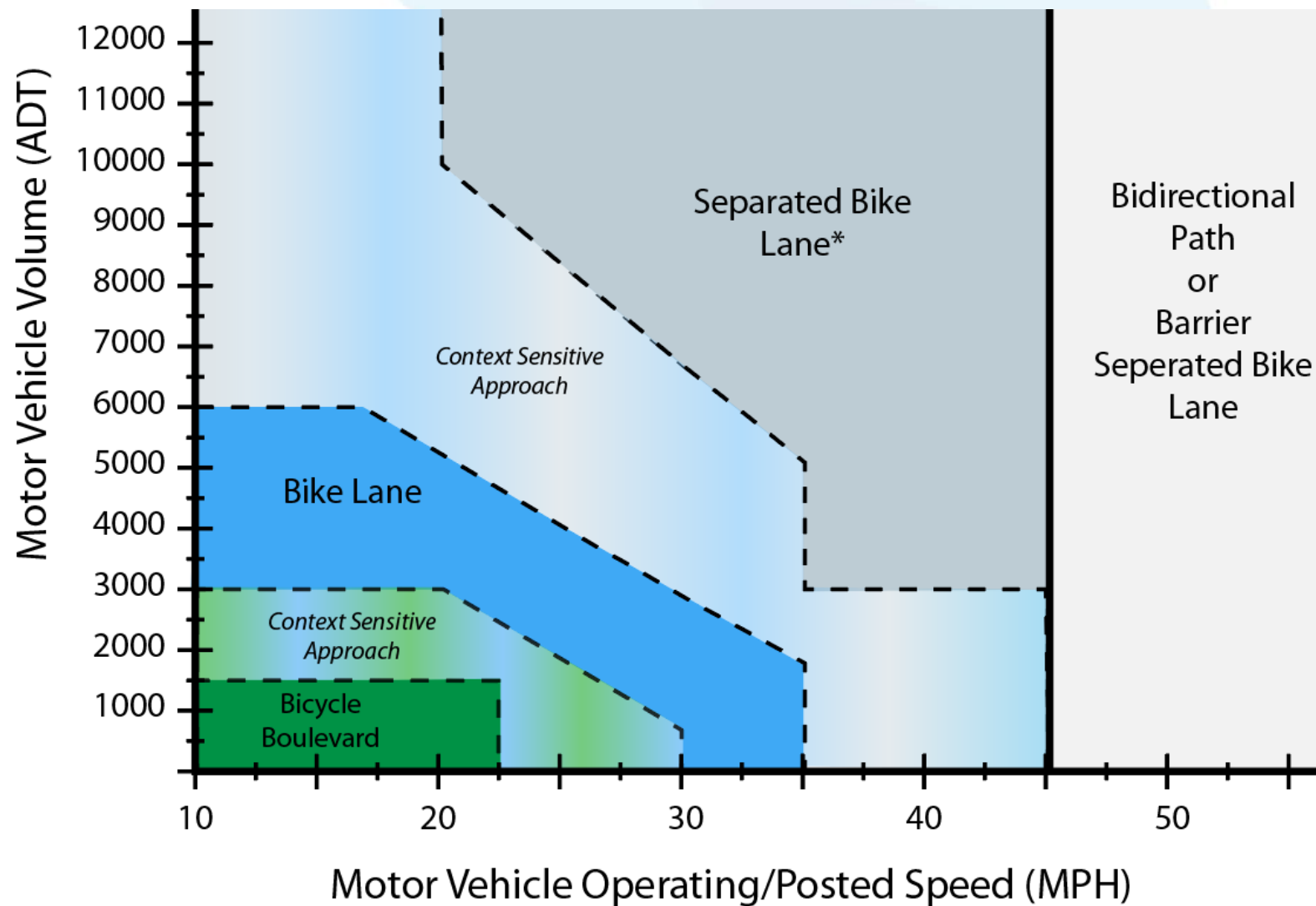
MINOR BIKEWAY
(Feeder Routes)



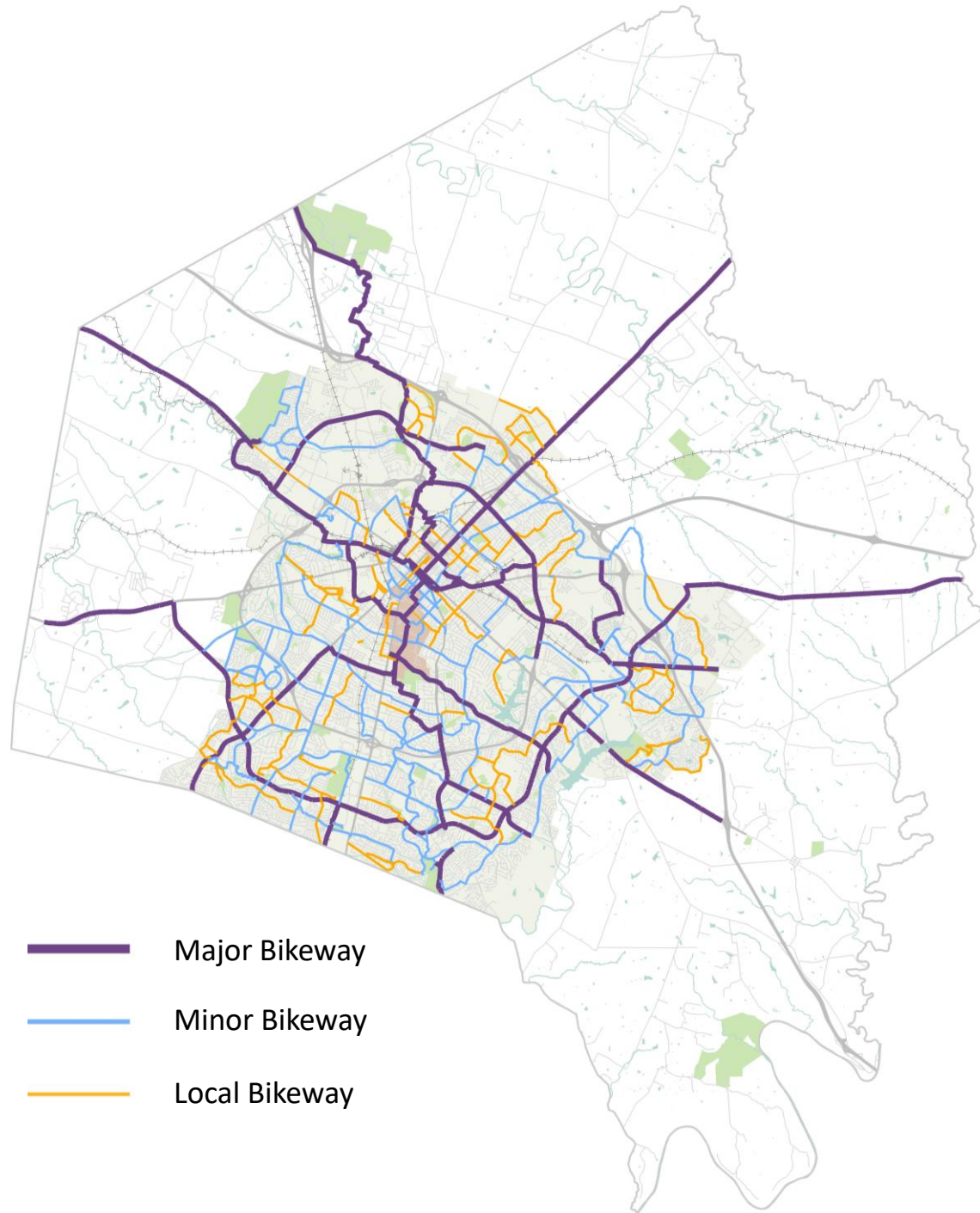
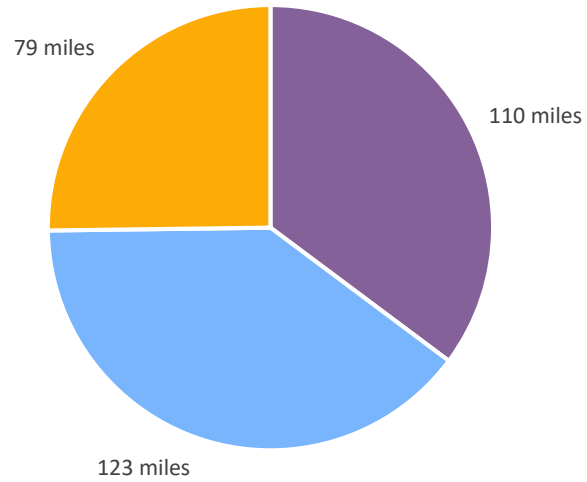
LOCAL BIKEWAY
(First/Last Mile
Connections)



Facility Design Matrix

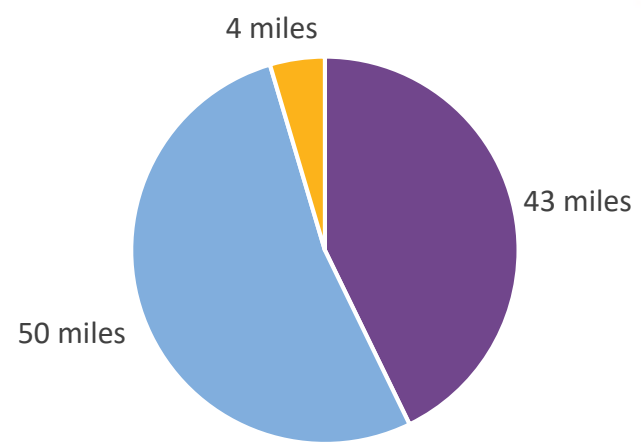


Bikeway Network

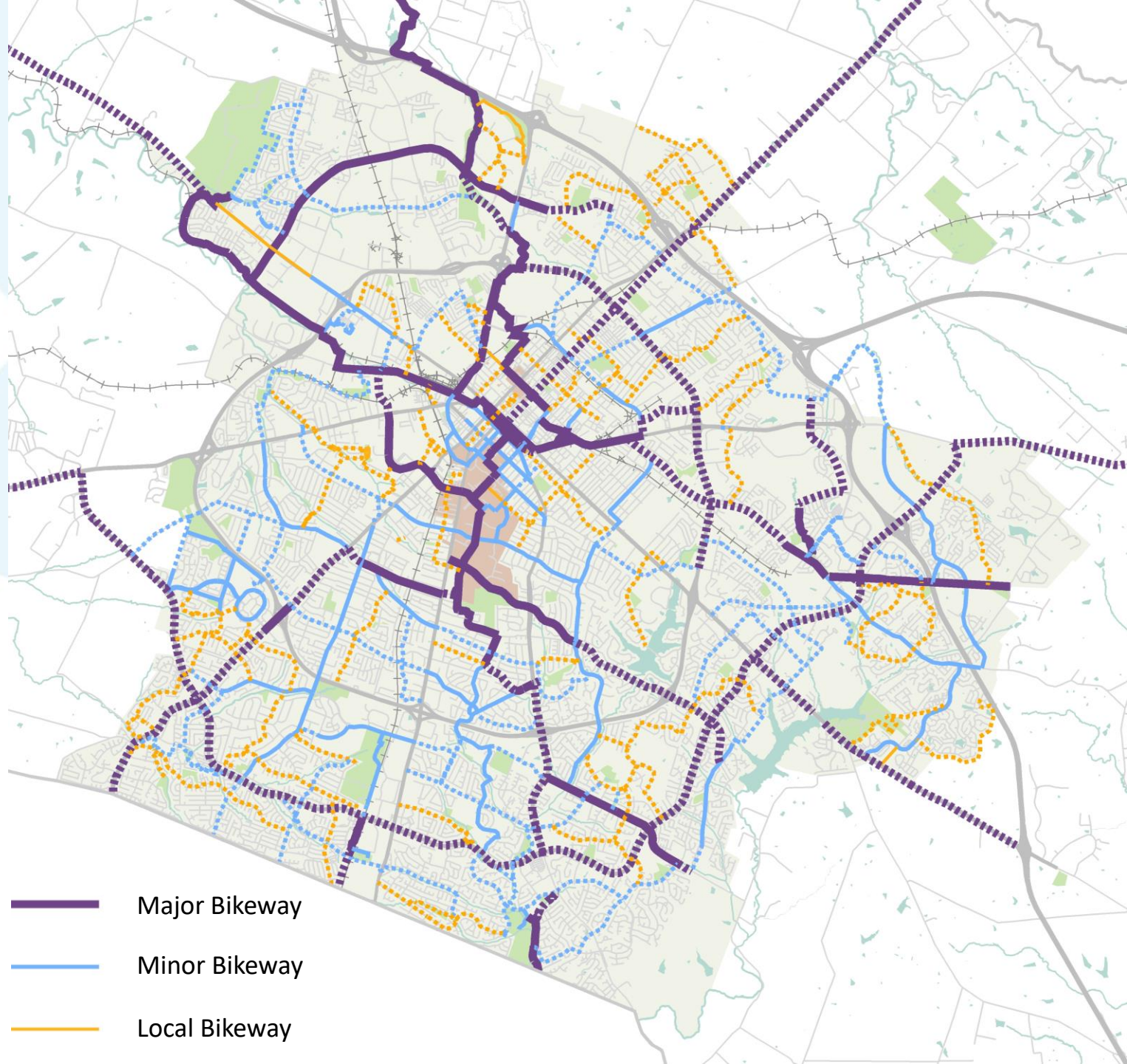
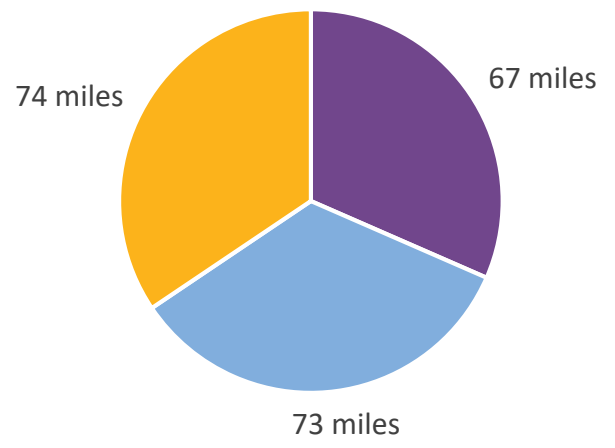


- Major Bikeway
- Minor Bikeway
- Local Bikeway

EXISTING



PROPOSED



Capital Improvement Project List Development

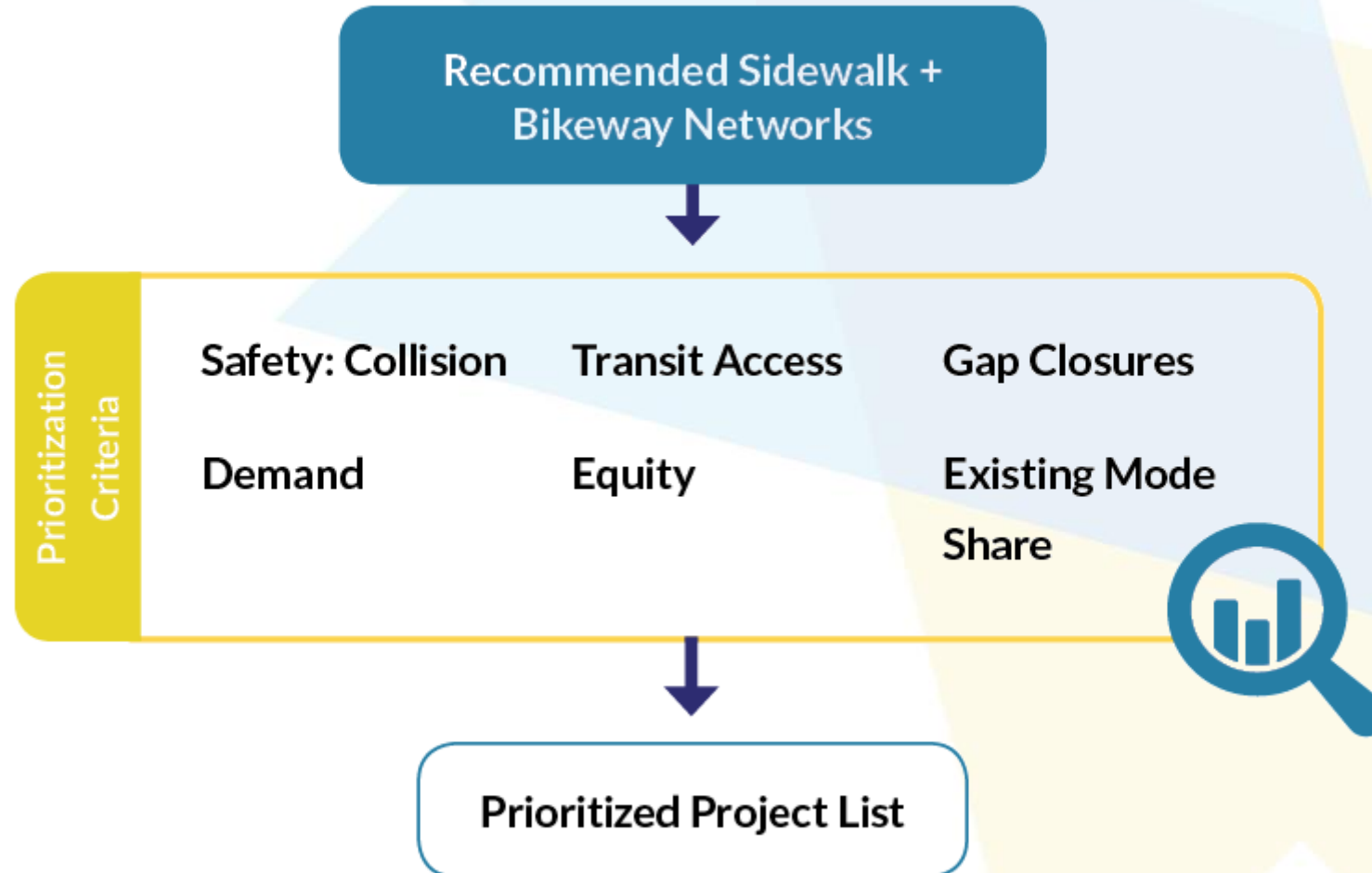


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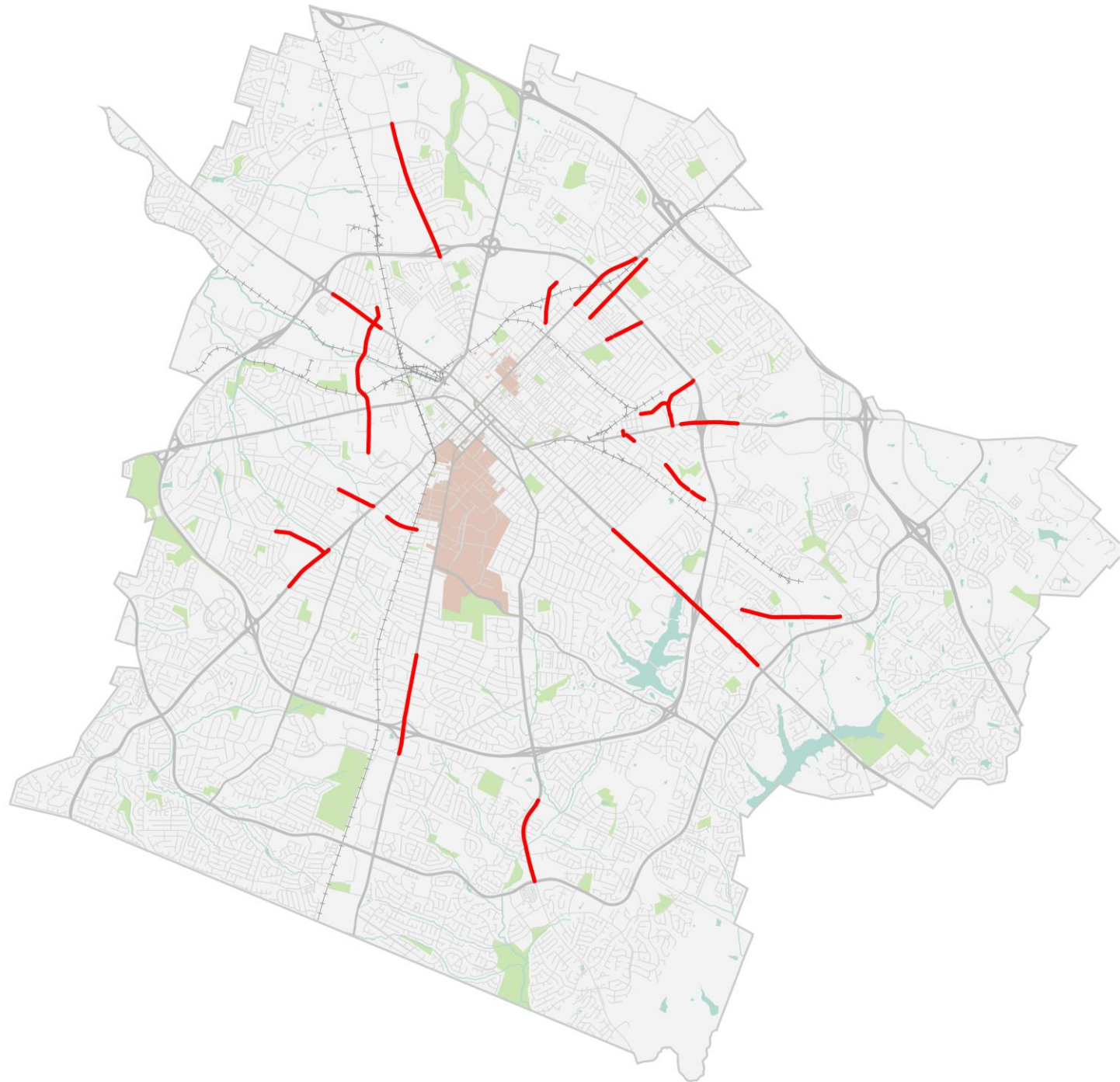
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Round 1: Network Prioritization (Data Driven)

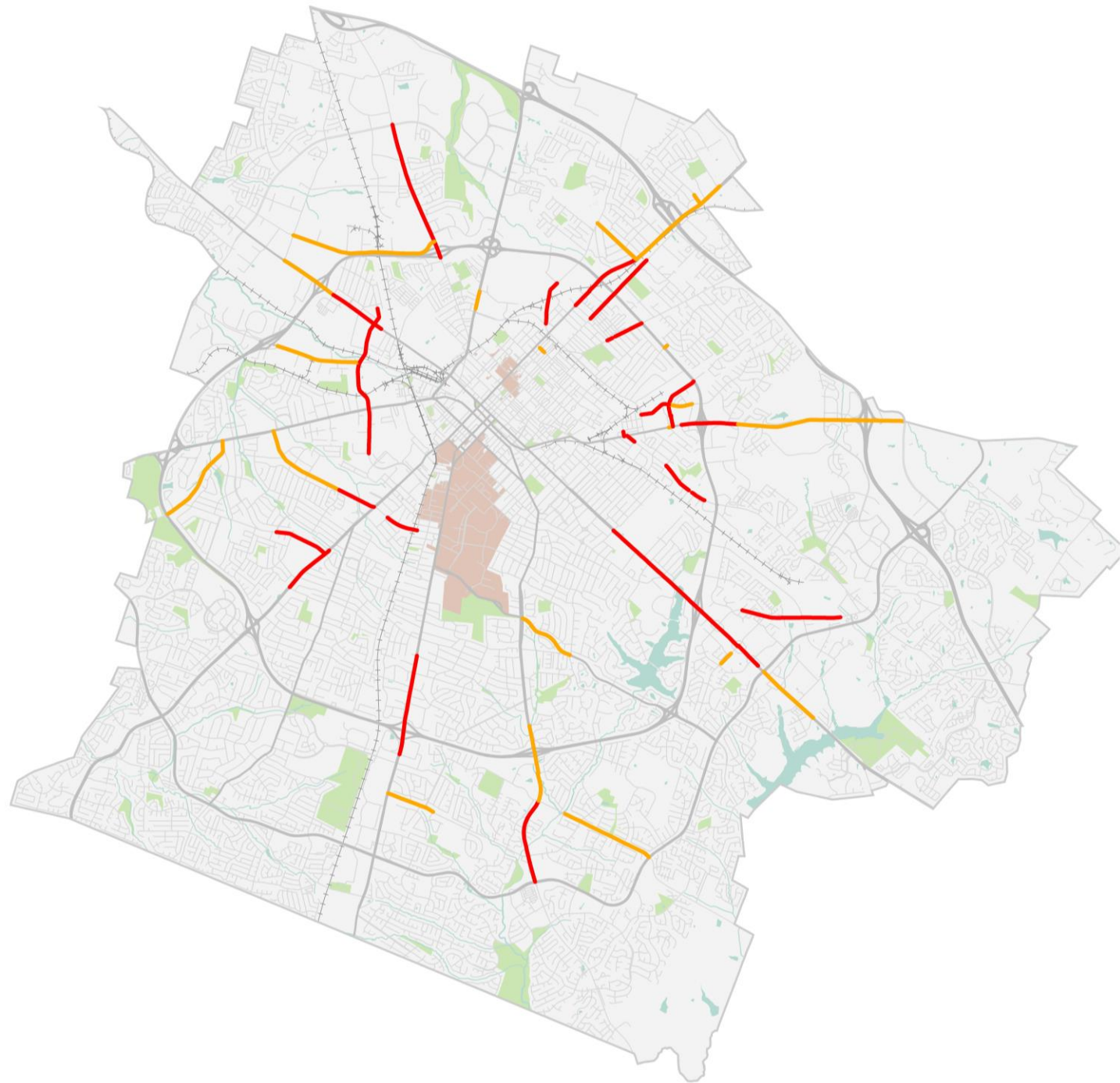


Pedestrian Prioritization: Tier 1



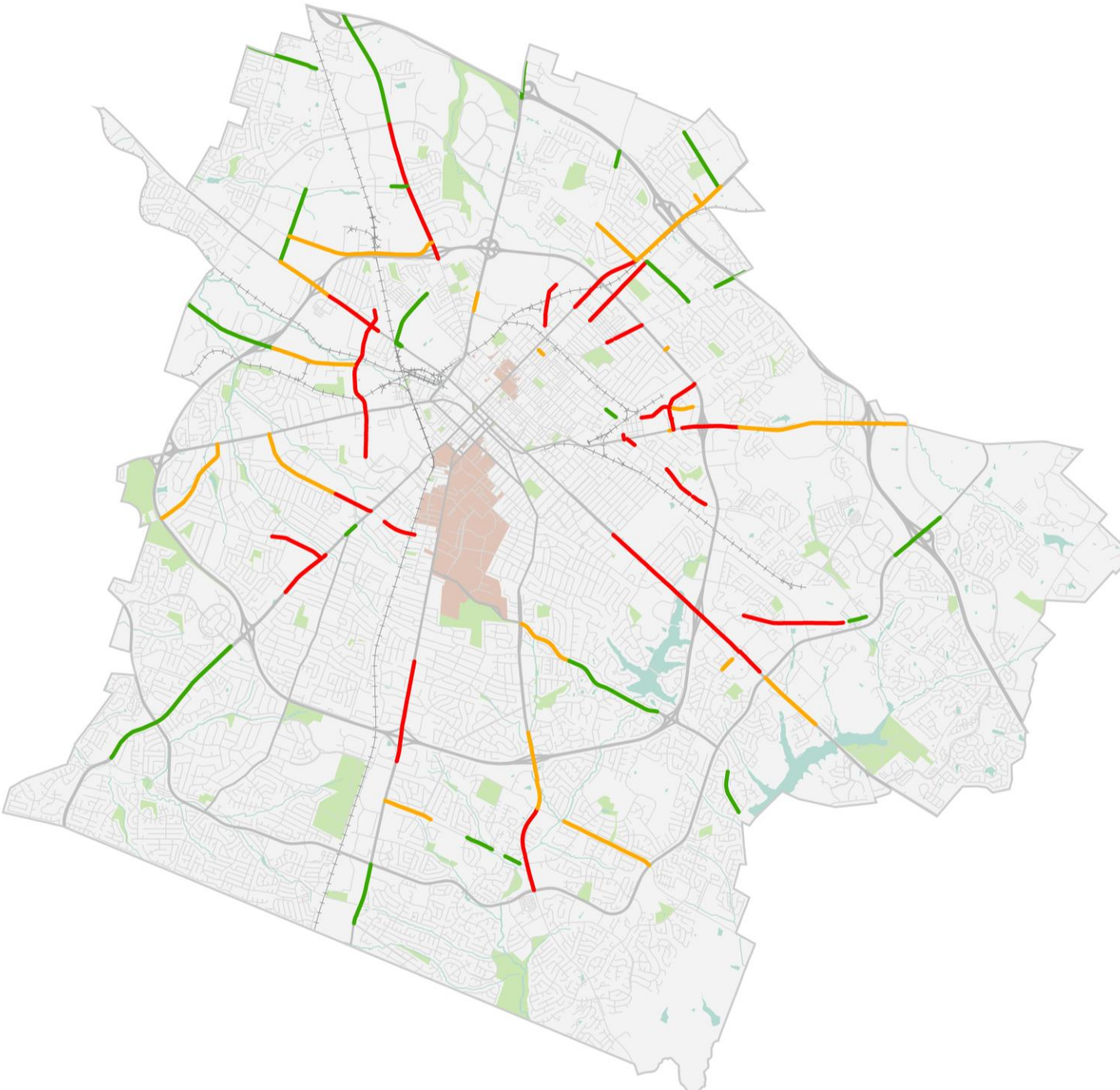
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Pedestrian Prioritization: Tier 2



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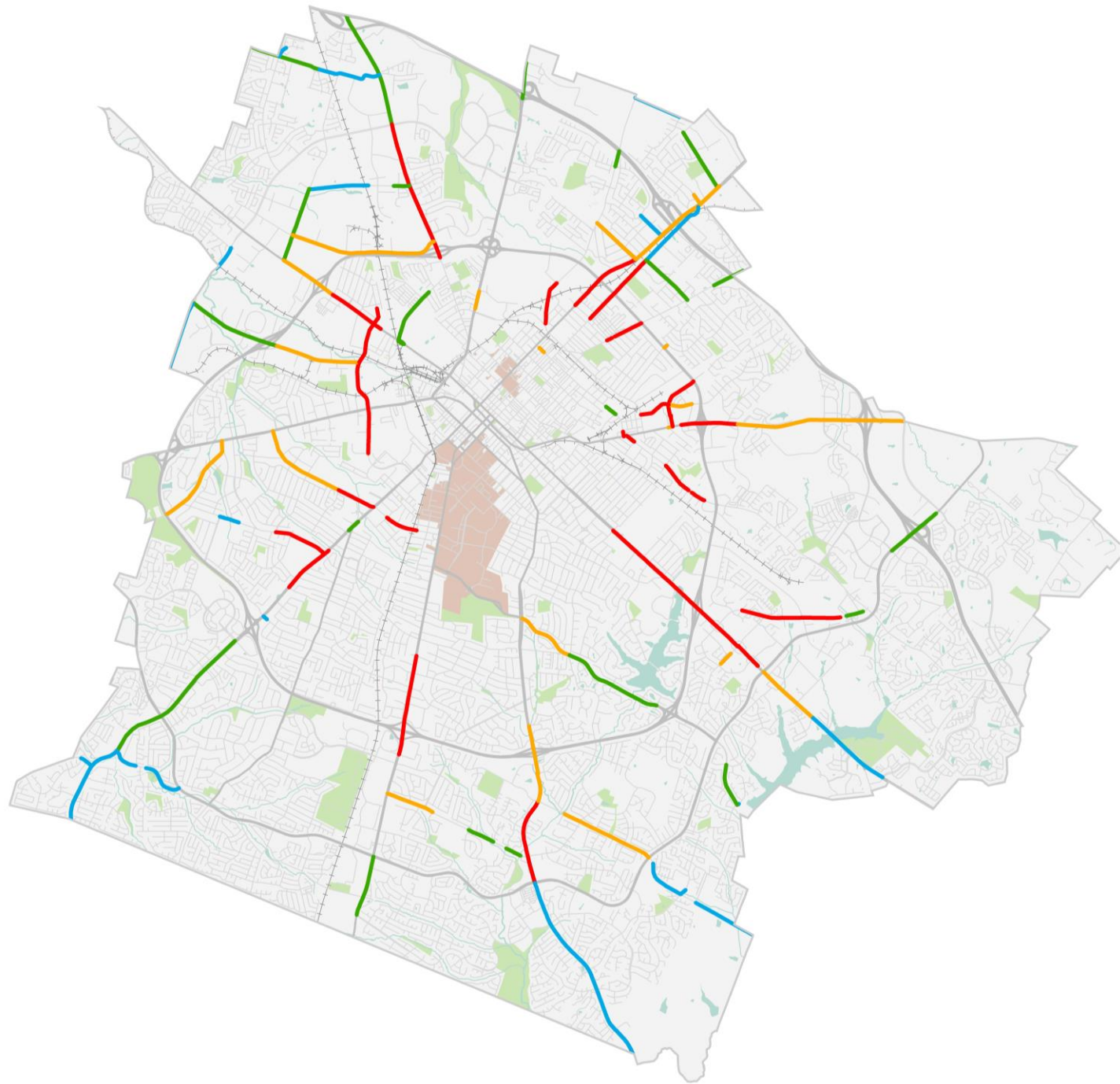
Pedestrian Prioritization: Tier 3



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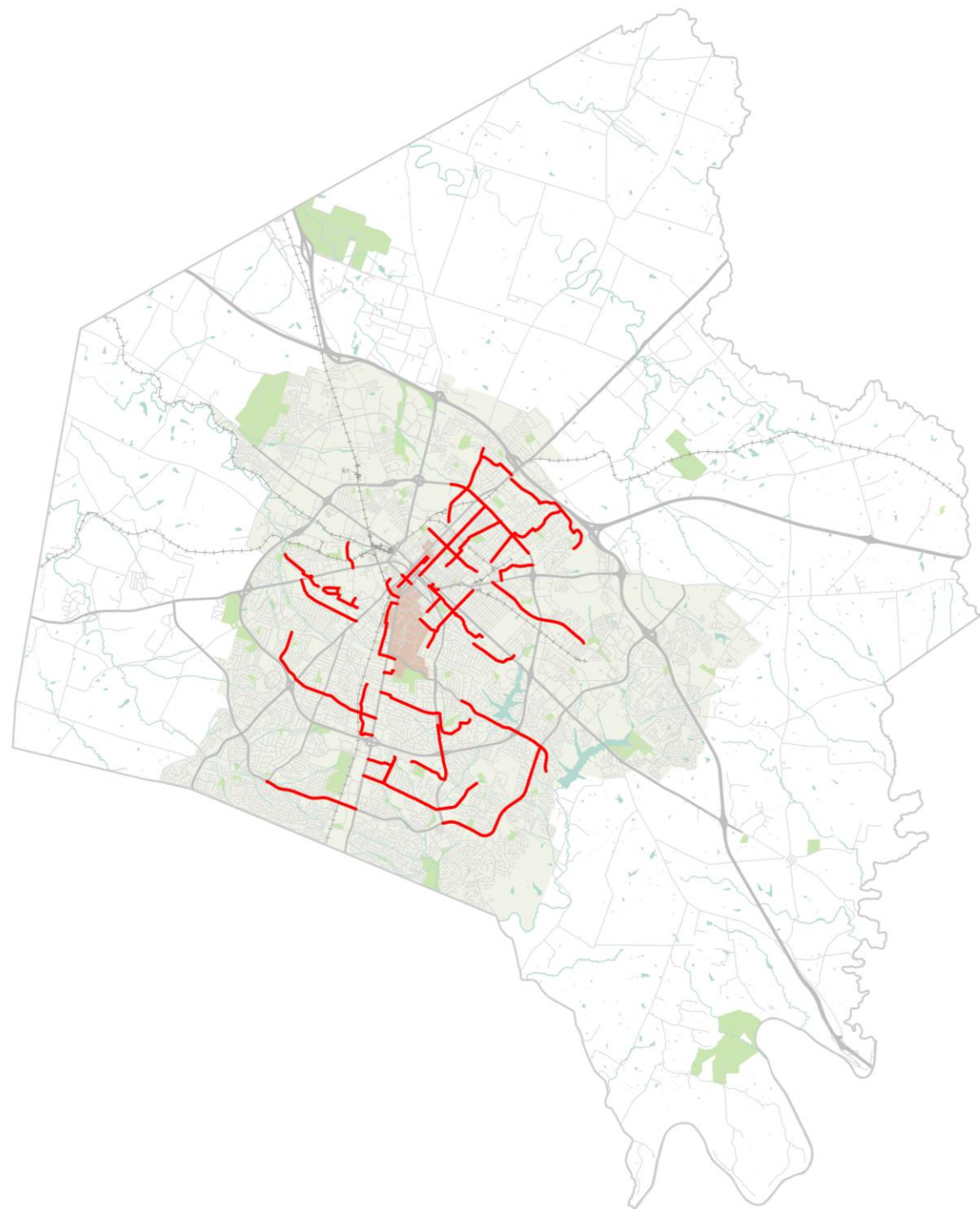
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Pedestrian Prioritization: Tier 4



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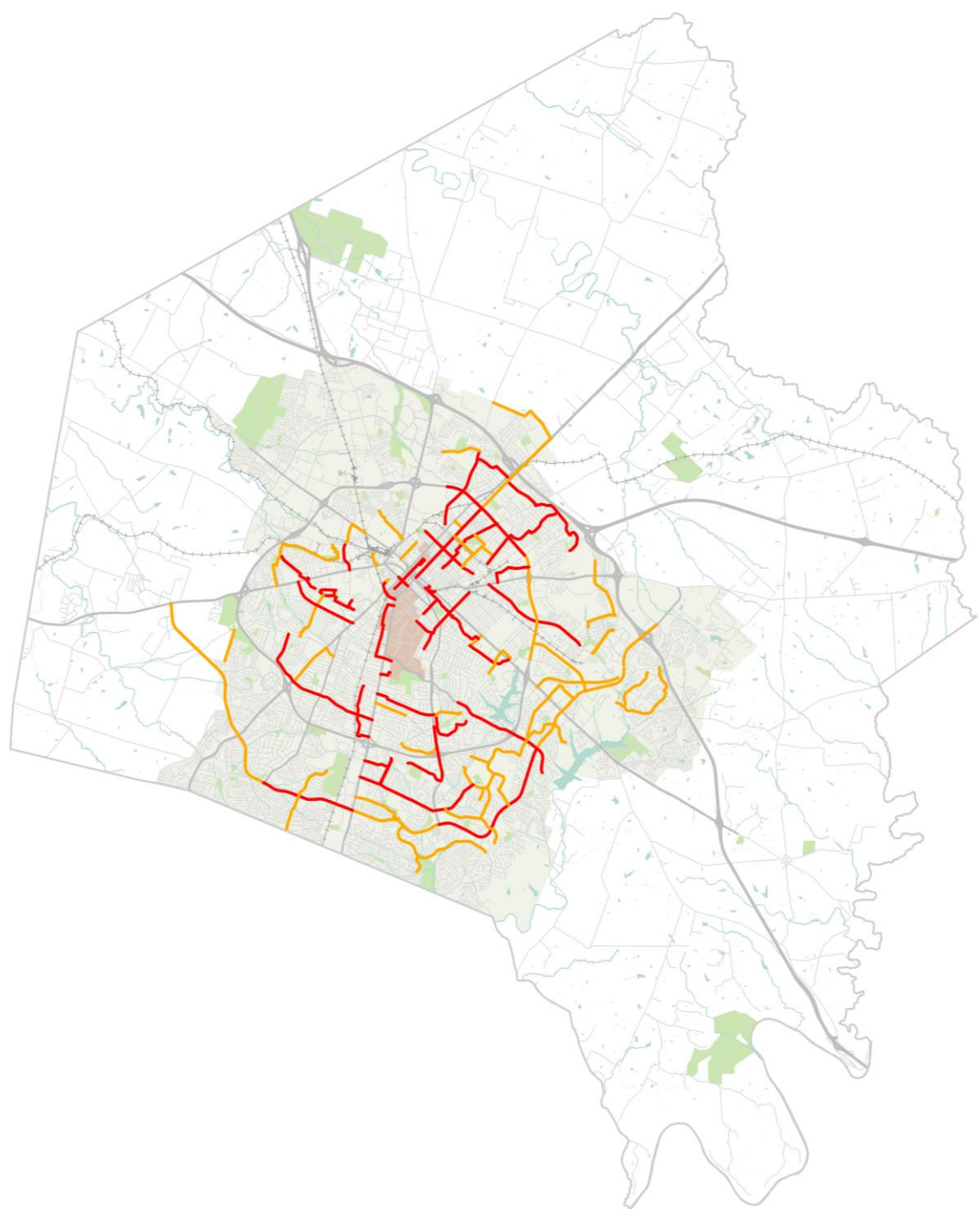
Bikeway Prioritization: Tier 1



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Bikeway Prioritization: Tier 2

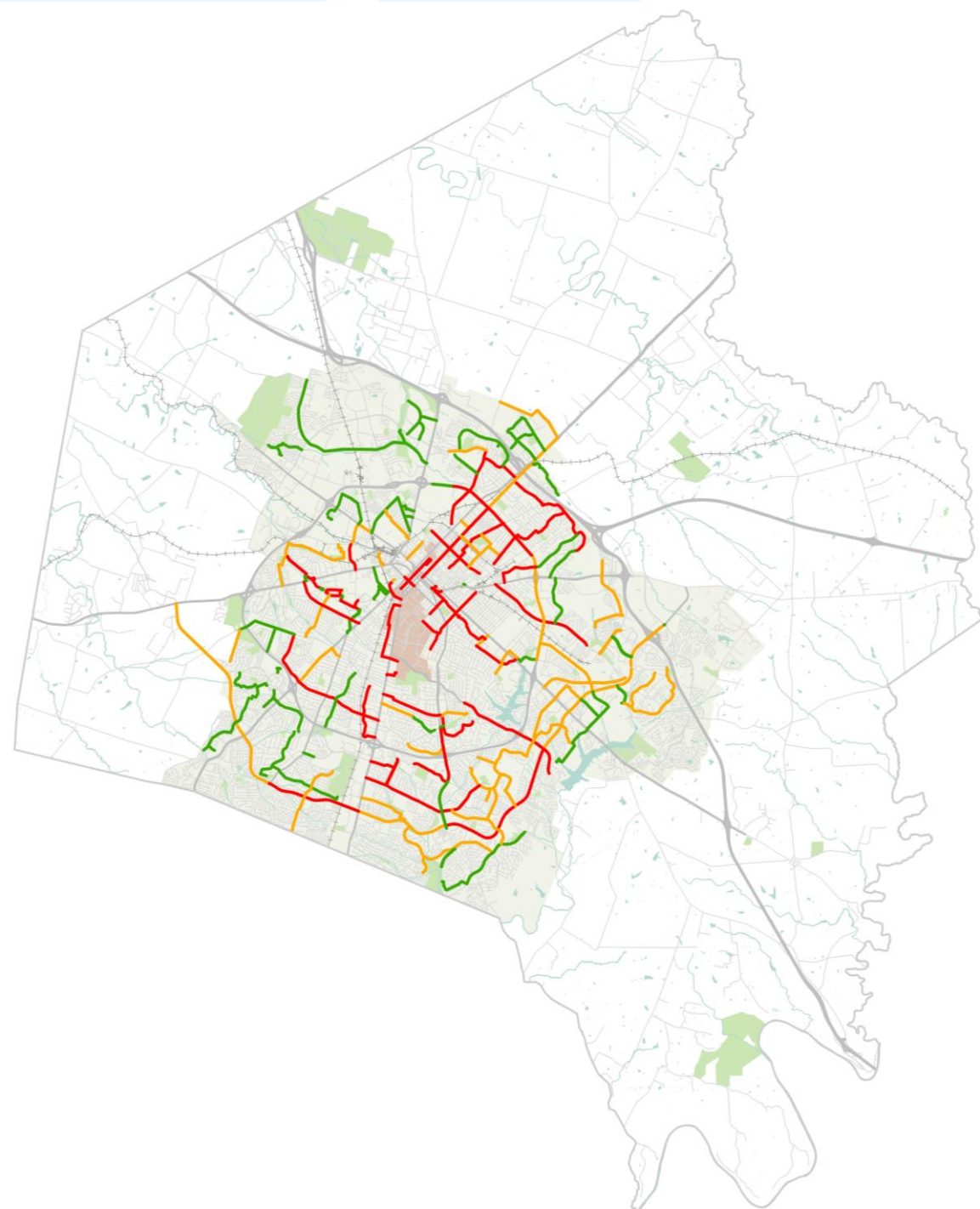


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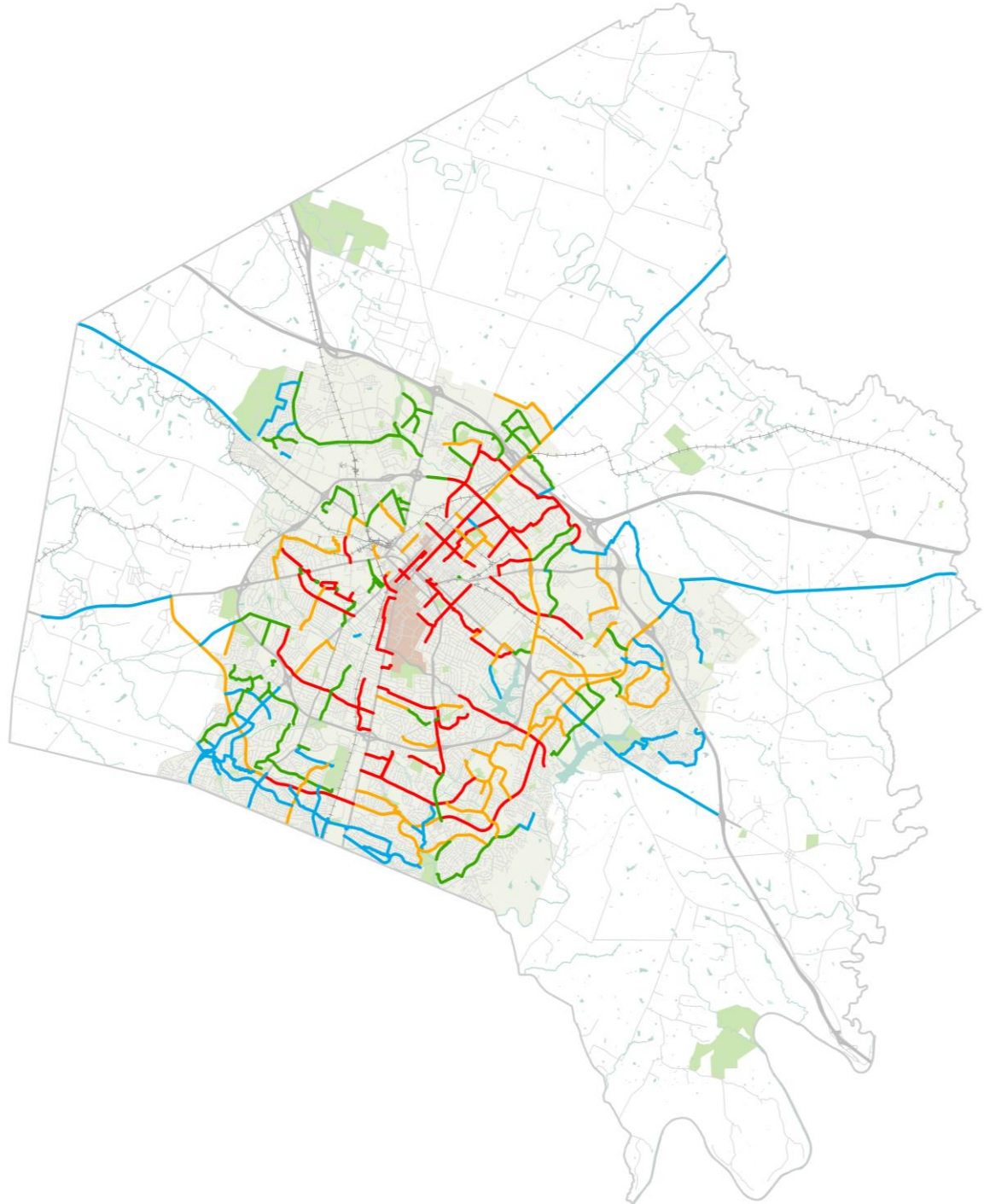
Bikeway Prioritization: Tier 3



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Bikeway Prioritization: Tier 4



Constructability Assessment

- Evaluate the Top Tier of both sidewalk and bikeway projects for the following constructability measures:
 - Right-of-Way Needs
 - Utility Conflicts
 - Context
 - Opportunities and/or Challenges
- Assign Cost Estimates



5-Year Capital Improvement Project List

- Determine Annual Funding Targets by:
 - Mode
 - Implementation Strategy (Resurfacing, Widening, etc.)
 - Project Phase (Design, ROW, Construction)



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NEXT STEPS



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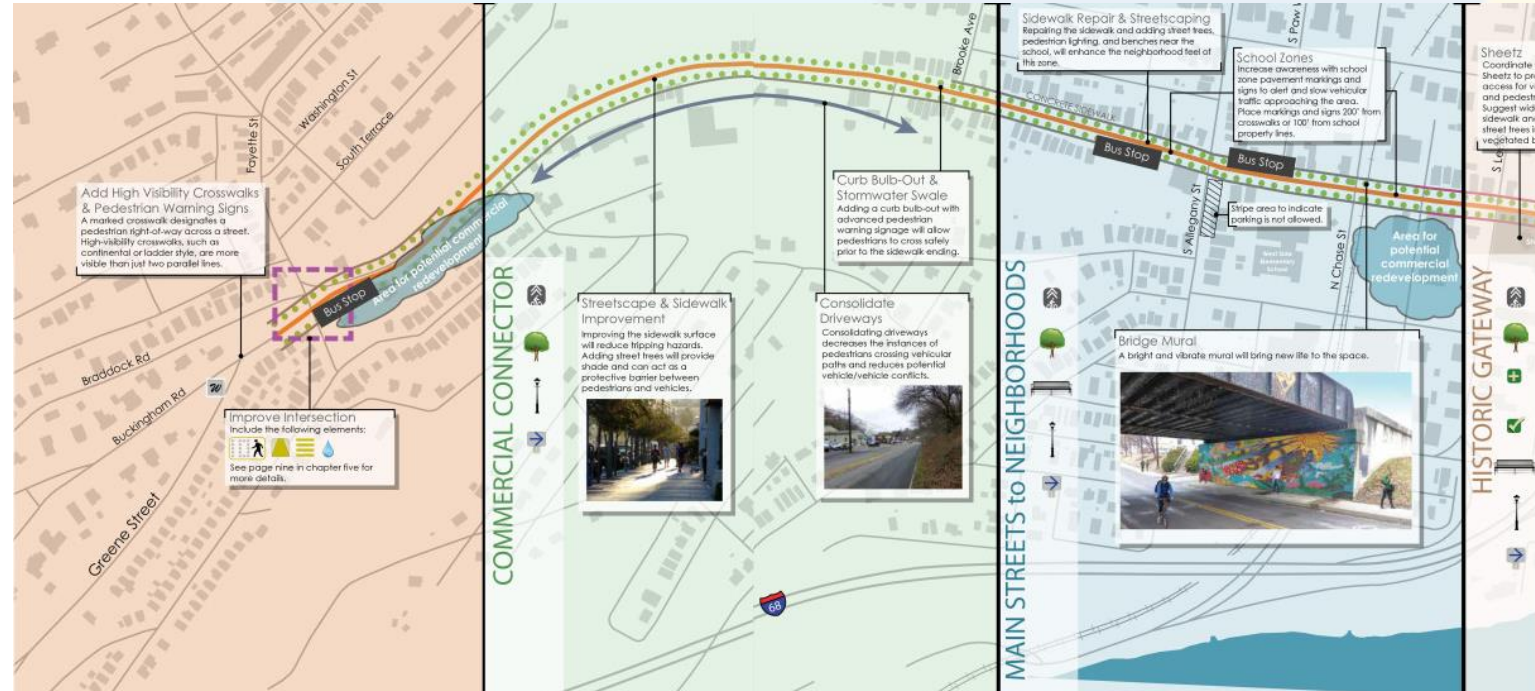


Year 1 Project List Refinement

- Refine All Recommendations
- Evaluate Year 1 Capital Improvement Projects and Develop Project Cutsheets with Design Guidance



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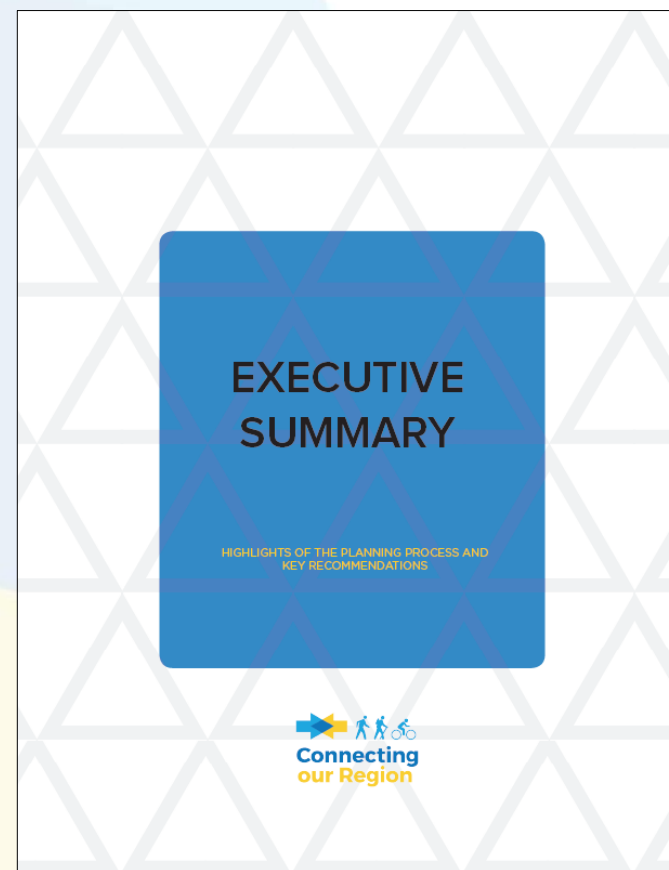


Final Plan Schedule

- **END OF OCTOBER:** Release Executive Summary and Network Maps
- **MID NOVEMBER:** Release Full Draft Plan
- **DECEMBER:** Refine Recommendations and Draft Plan
- **JANUARY:** Present Plan to MPO
→ TPC for Adoption



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QUESTIONS?



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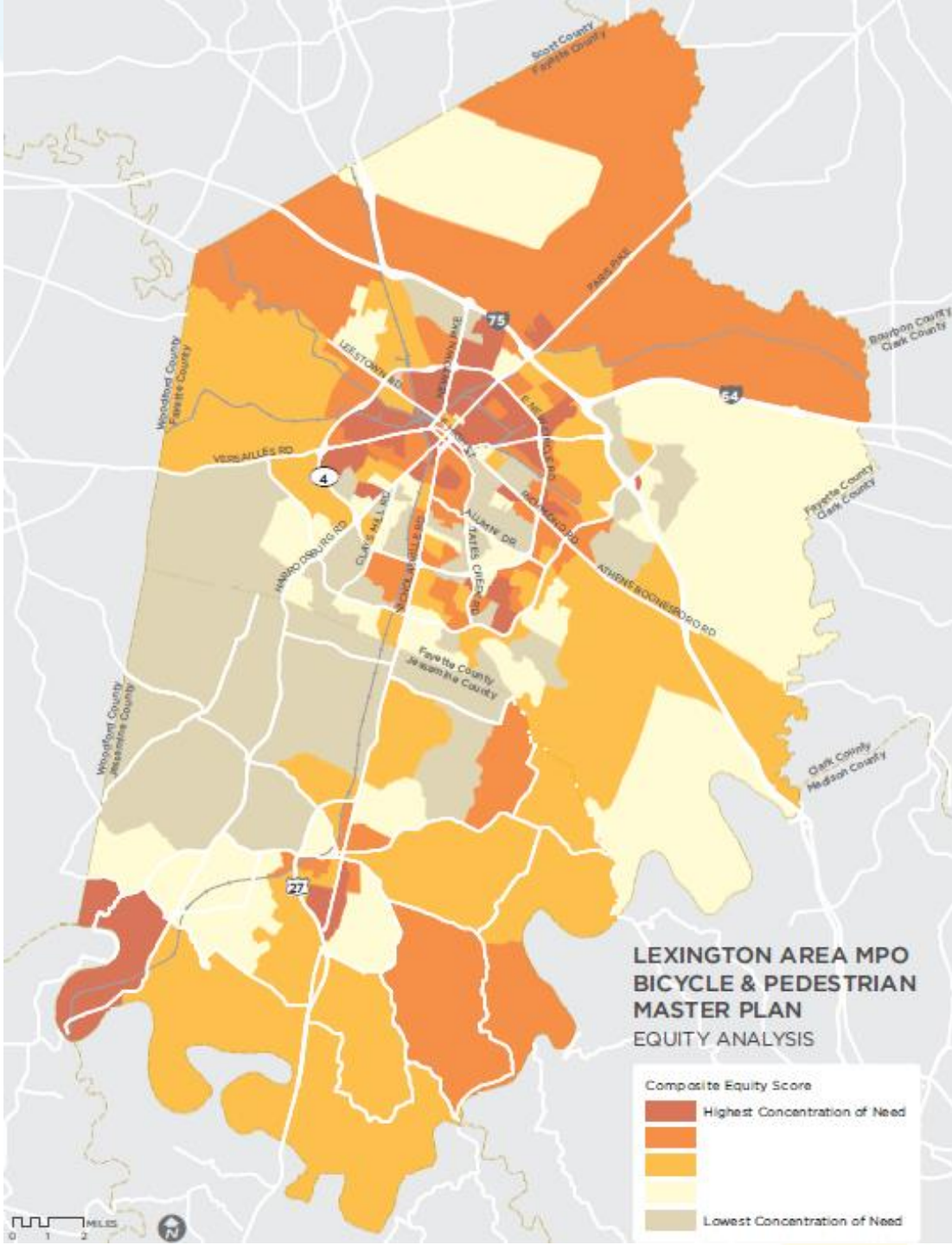


Equity Analysis

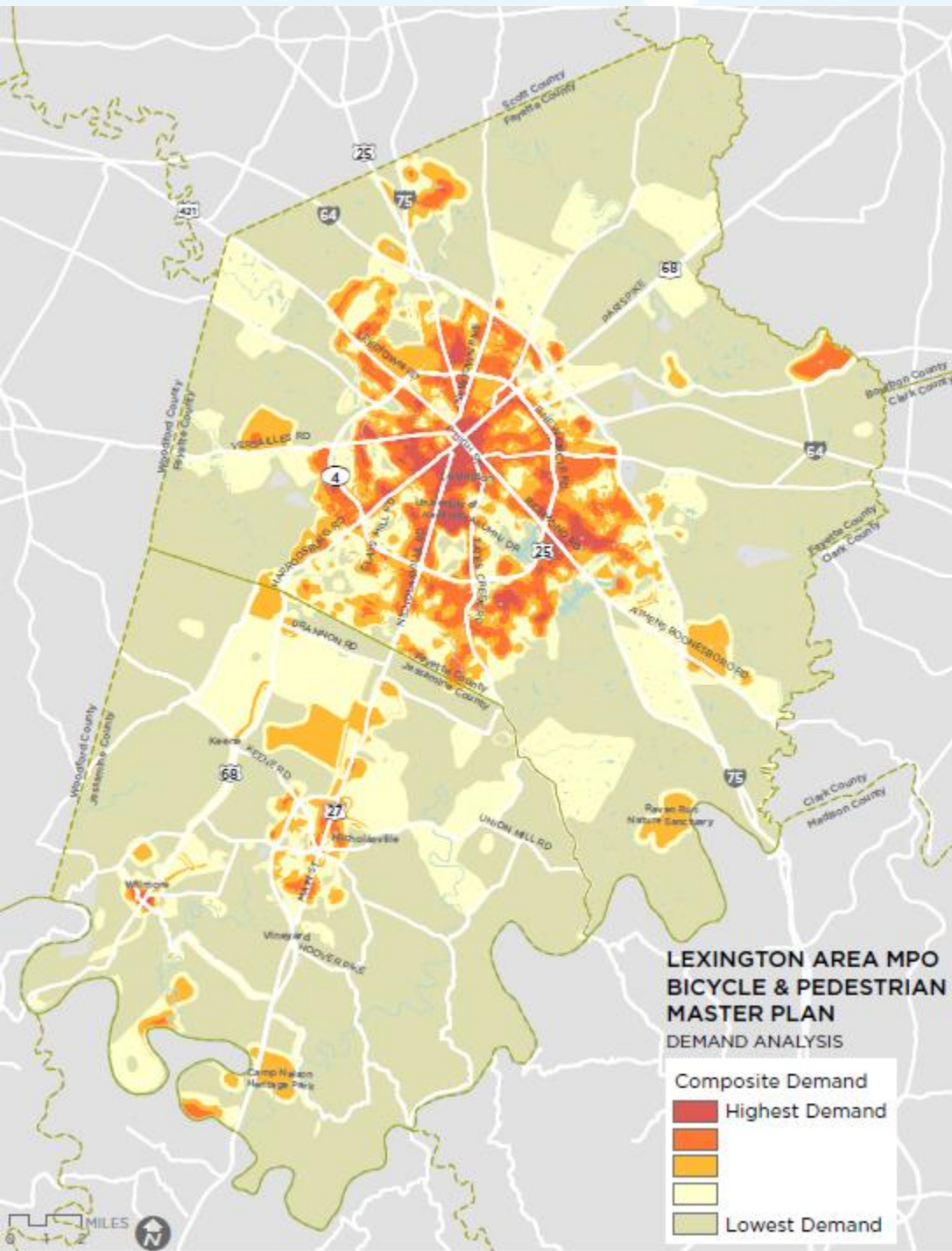


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Demand Analysis



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