

How can we help you today?



[SERVICES](#) [RESIDENTS](#) [BUSINESSES](#) [GOVERNMENT](#) [THINGS TO DO](#)

- Planning

+ Plans and Ordinances

Planning and Zoning
Application Forms

+ Active Development

- Transportation Planning

Transportation Plans
and Studies

Connected Roads
Plan

Regional
Transportation

Merritt Mill Lane
Reallocation

Wayfinding

Shared
Transportation and
Bikeshare

Franklin Street
Temporary Lane

Government » Departments & Services » Planning » Transportation Planning »

CONNECTED ROADS PLAN

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Connected Roads Plan + Policy Town of Chapel Hill

Town Council Summary
MAY 2023



TOWN OF
CHAPEL HILL





WHAT is a Connected Roads Plan?

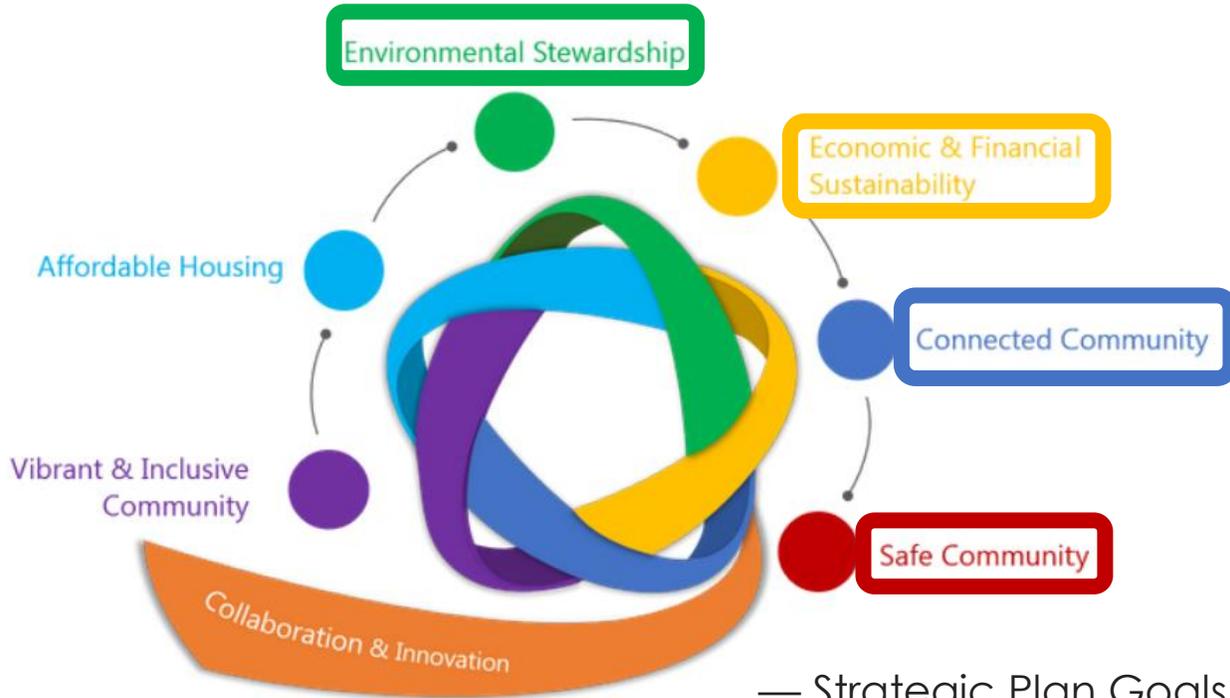
Seeking to implement a **consistent approach** to local street connections

- seeking *best practices* of **connecting communities** for all modes

WHY is this important?



TOWN OF CHAPEL HILL is committed to...



— Strategic Plan Goals & Objectives





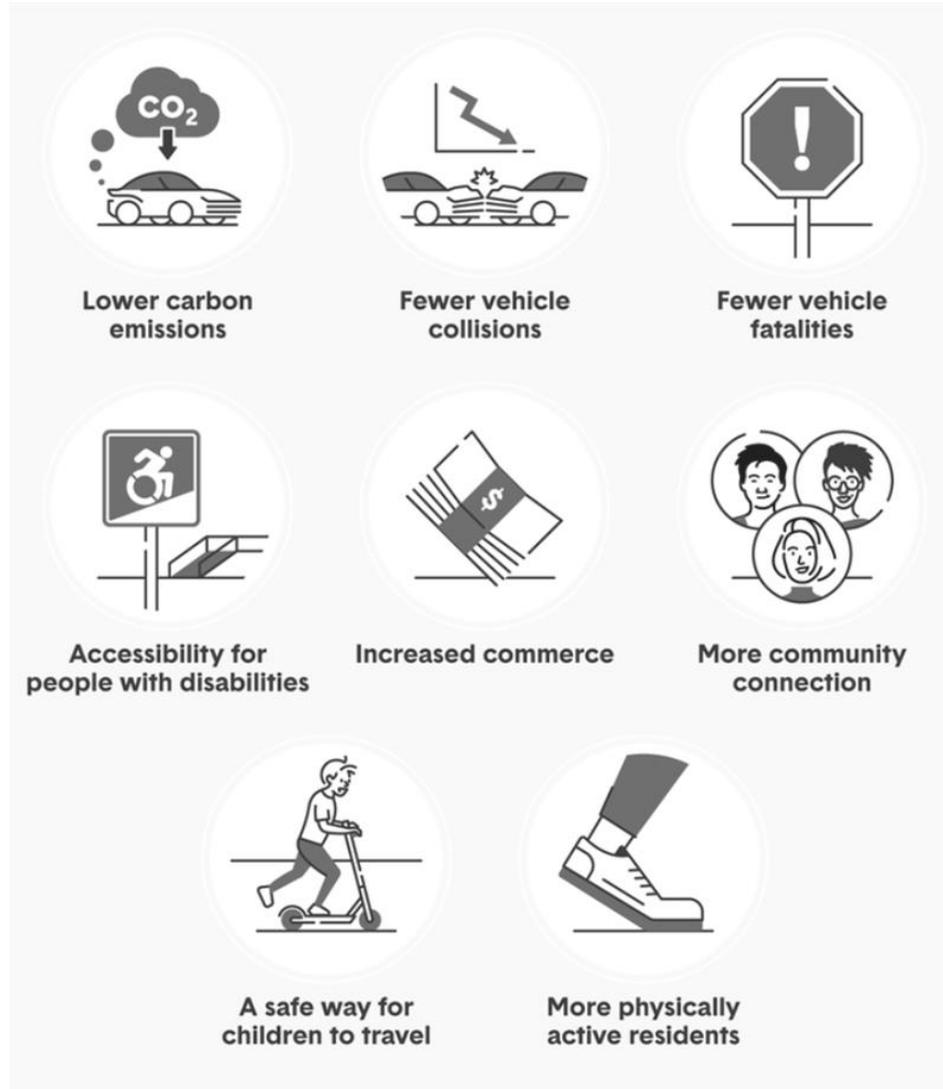
WHAT are the benefits?

DIRECT BENEFITS:

- Connectivity improves Fire / EMS response times
- Connectivity reduces trip length (miles + time)

INDIRECT BENEFITS:

- Safety
- Delay at intersections
- Mode choice
- Emissions

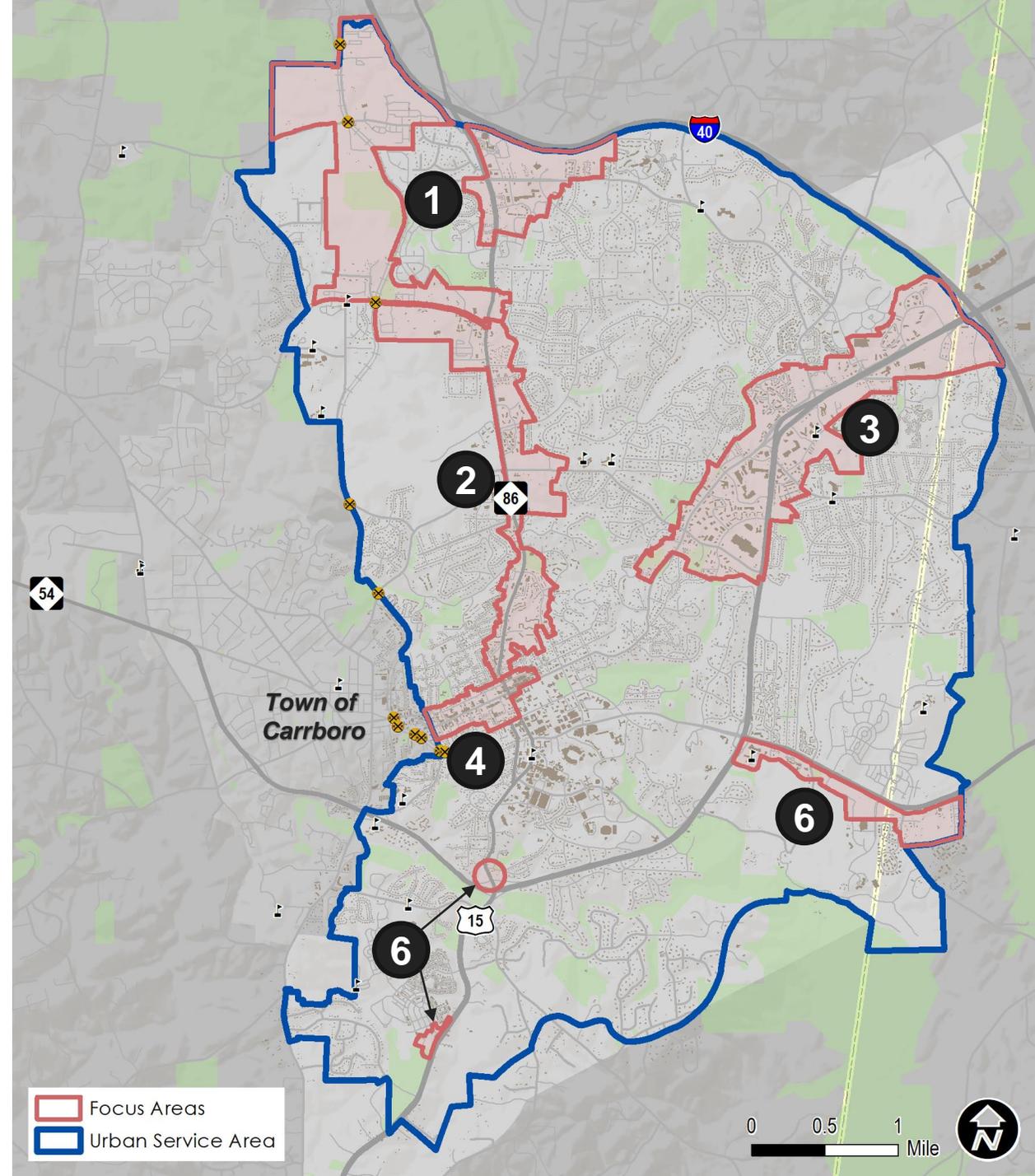




WHERE are we prioritizing connections?

Potential for new mixed-use development (growth)

Major corridors are constraint to greater connection





4



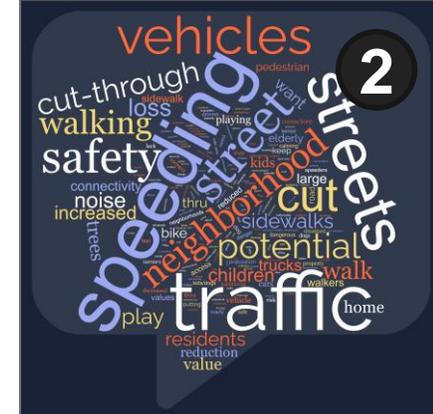
HOW did we proceed?

In-person & Virtual Participation

1. Focus Group Discussions (x6)
2. Survey
3. Interactive Web Map
4. **Round #1 Public Meeting**
 - In-person meeting
 - Virtual meeting
5. **Round #2 Public Meeting**
 - In-person meeting
 - Virtual meeting



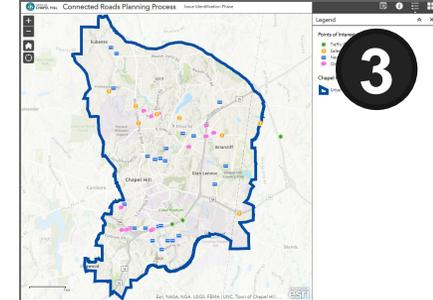
1



2



5



3

December 2022 – April 2023



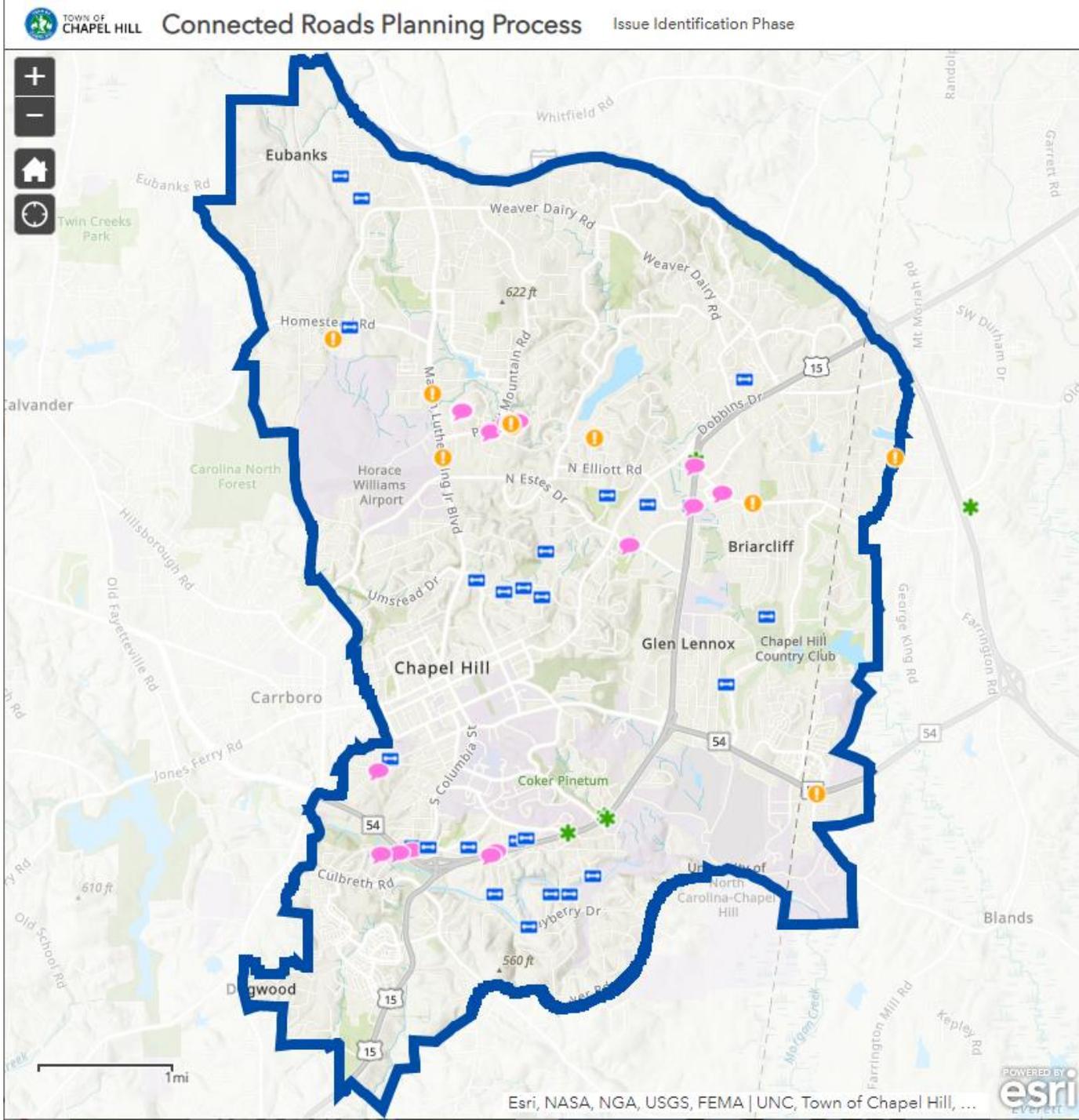
Interactive Map

78 Points of Interest

- 32 Connection Needed
- 28 Other
- 13 Safety Hazard
- 5 Traffic Congestion



[Connected Roads Planning Process \(arcgis.com\)](http://arcgis.com)



Points of Interest

- ★ Traffic Congestion Here
- Safety Hazard
- New Connection Needed
- Other - Describe

Chapel Hill - Urban Service Area

- ▮ Urban Service Area





**you
spoke**
we
listened

WHAT did we hear?

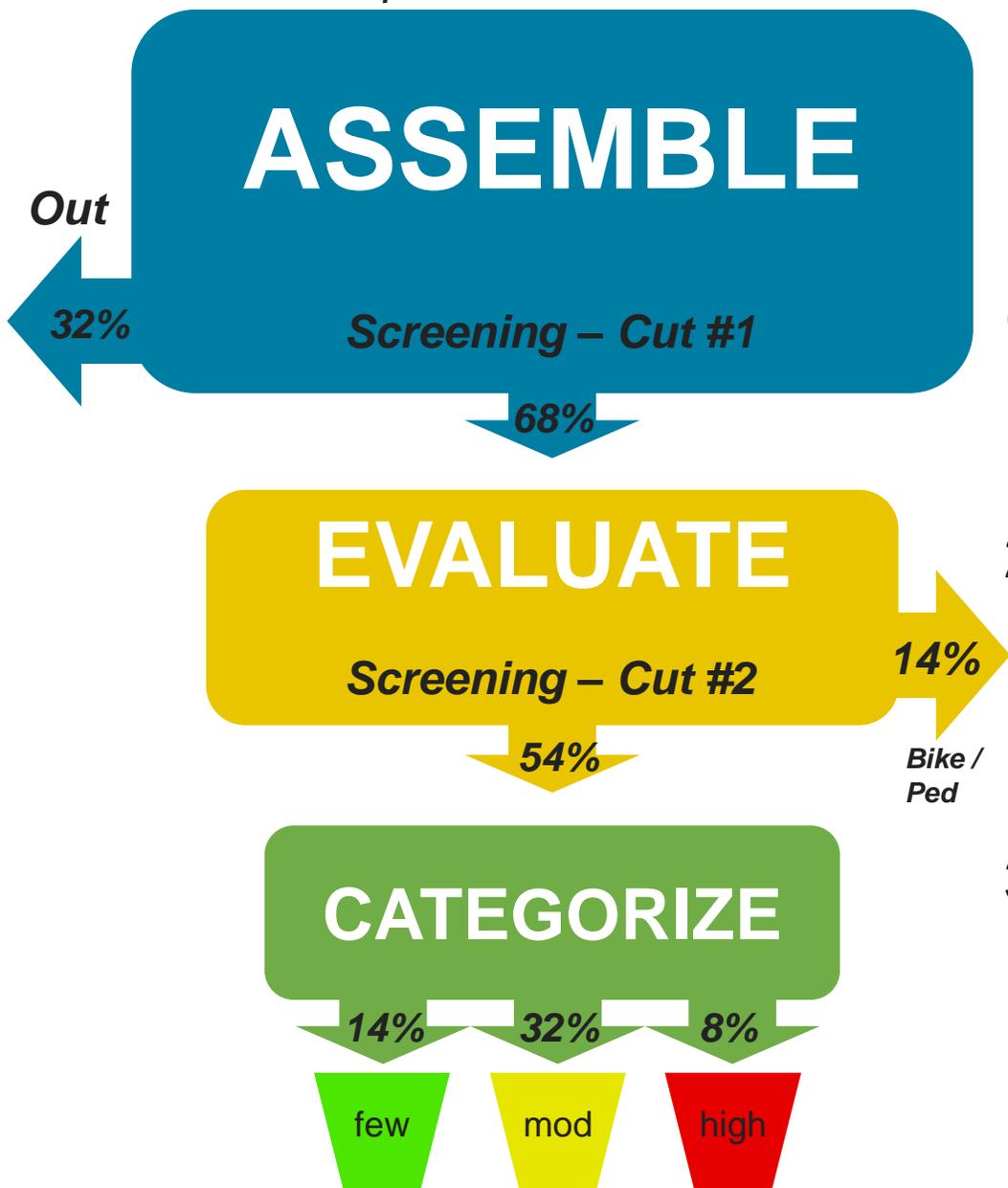
1. Value walkability and safety
2. Prioritize greenway connections
3. Residential cul-de-sac streets should be off-limits
- 4. *No buildings to be impacted***
- 5. *Traffic noise and speeding cars are potential issues***
6. For consistency, align with





78 potential connections

WHAT process did we follow?



1. ASSEMBLE: all possible connections!

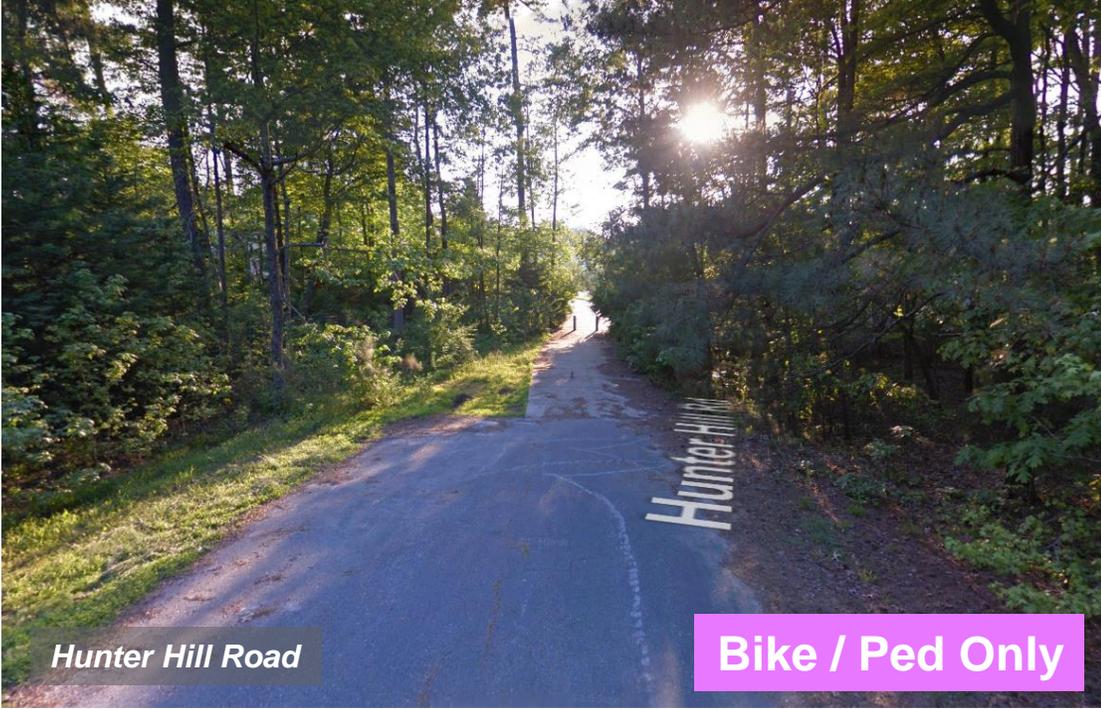
- *Cut #1: Not-feasible or Potential impact to buildings*

2. EVALUATE: desktop screening

- **Review:** hydro / topo, adjacent land uses
- *Cut #2: Bike / Ped Connection Only*

3. CATEGORIZE: based on constructability

- **Few Constraints:** relatively few constraints; Focus Areas
- **Moderate Constraints:** some constraints; longer segment
- **High Constraints:** several constraints / challenges



Hunter Hill Road

Bike / Ped Only



Huntington Drive / Wellington Drive

Bike / Ped Only

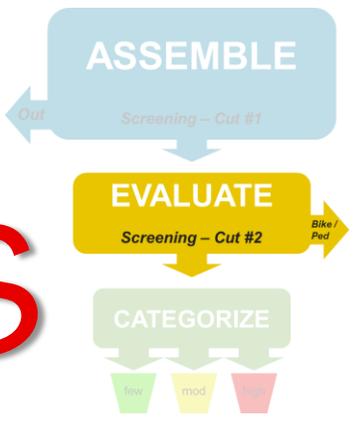


Ward Street

Bike / Ped Only

2. EVALUATE EXAMPLES

Bicycle / Pedestrian Only





Butterfield Court

Few Constraints



Old University Station Road

Moderate Constraints



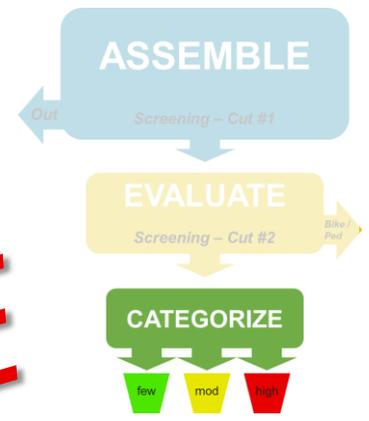
Homestead Road near Weaver Dairy Rd Ext

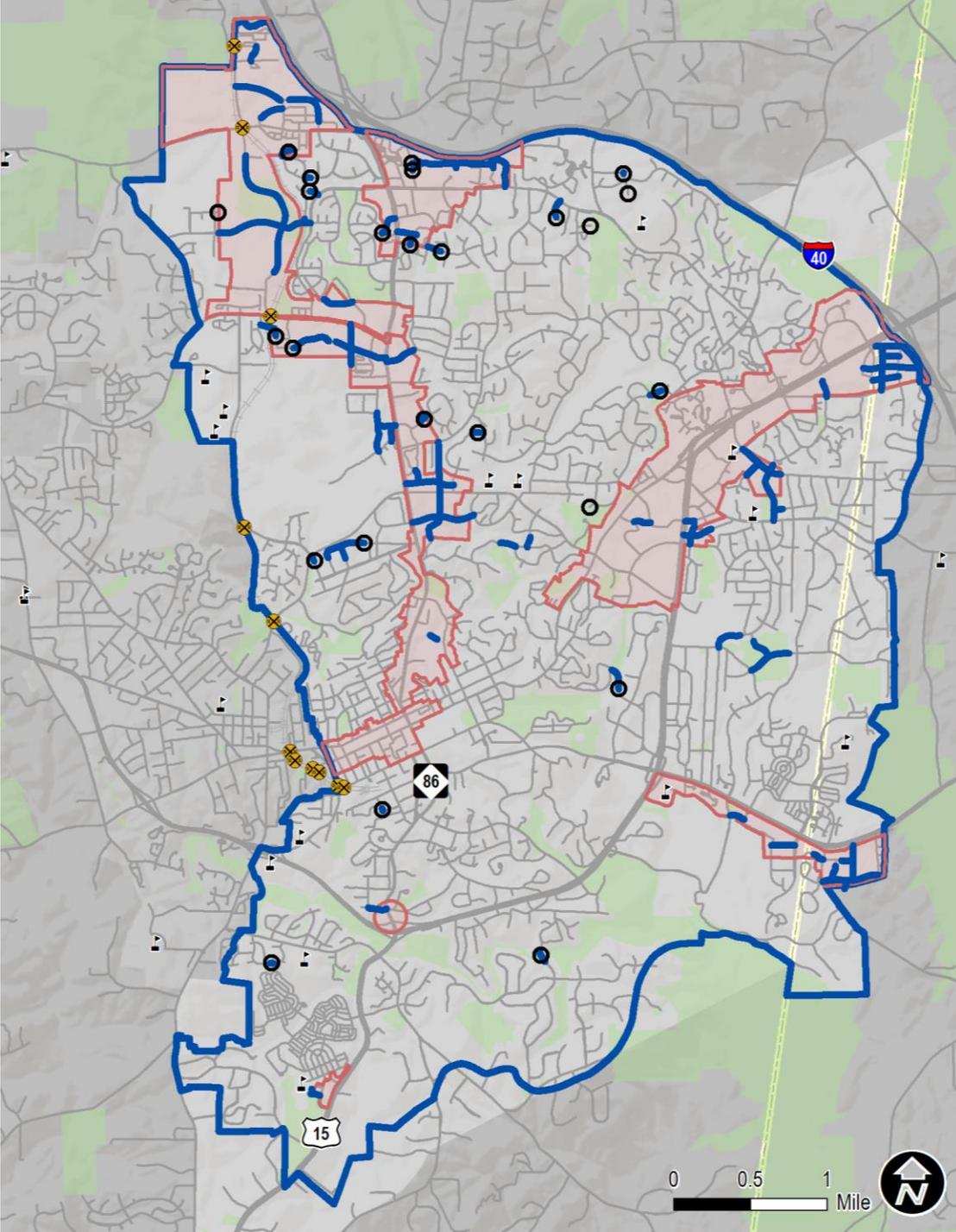
High Constraints

3. CATEGORIZE

EXAMPLE

'Buckets' relating to constructability

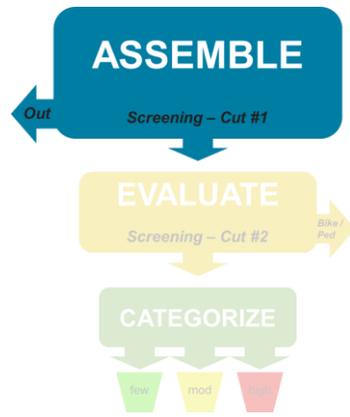


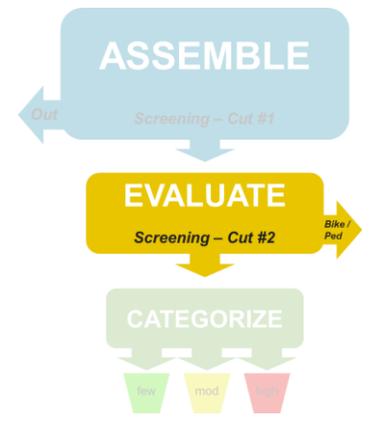
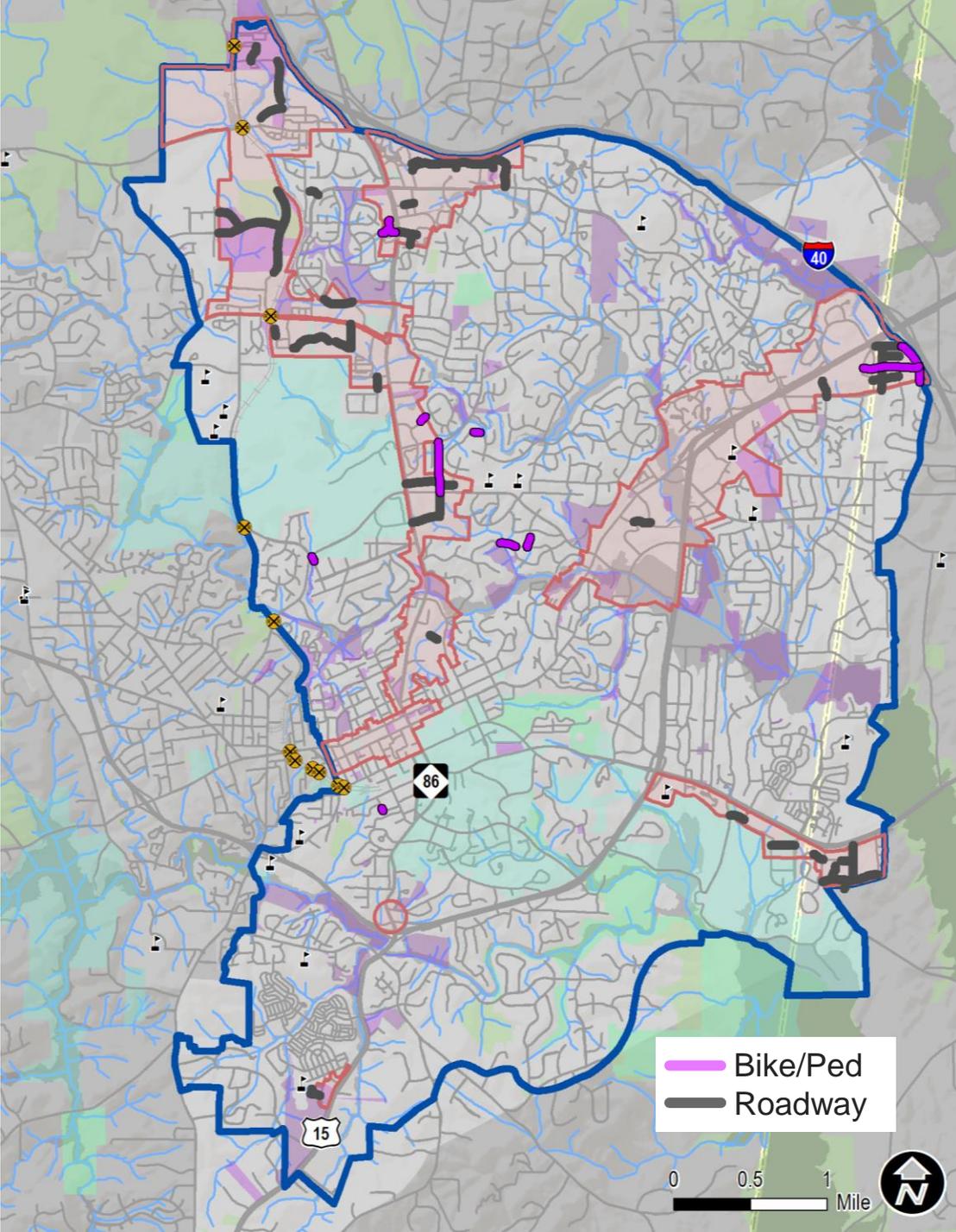


(1) ASSEMBLE

Existing stub-out streets
Interactive Map 'connections'
FLUM locations
"Universe" of connections

75 total connections considered
Screening - Cut #1





(2) EVALUATE

Constraints that limit constructability

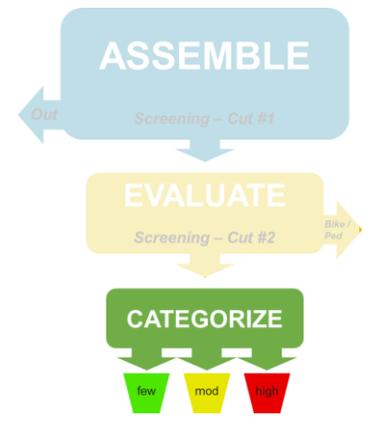
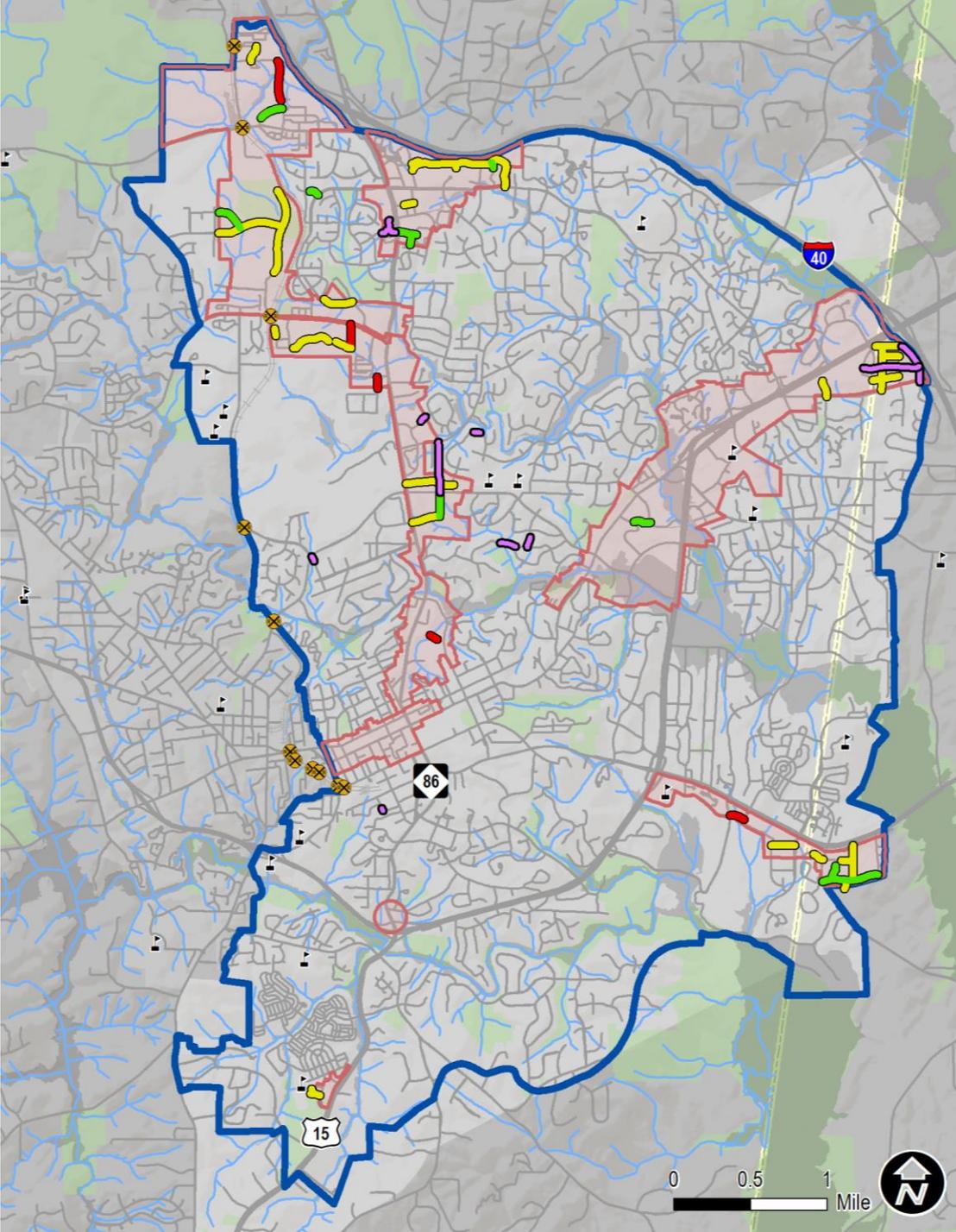
- Streams / Topo / Floodplain
- Railroad crossing
- Adjacent properties / uses

Potential benefits

- traffic / walking / transit

50 remaining for review

Screening – Cut #2



(3) CATEGORIZE

Based on 'constructability'

- 10 Few constraints
- 24 Moderate constraints
- 6 High constraints

40 potential connections remain

11 Bike/Ped Connection Only

Next Steps

Adoption Process

- Open Legislative Hearing: **Wednesday May 10th**
- Public Comment Period
- Council Action: **Wednesday June 14th**



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