



- 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

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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?

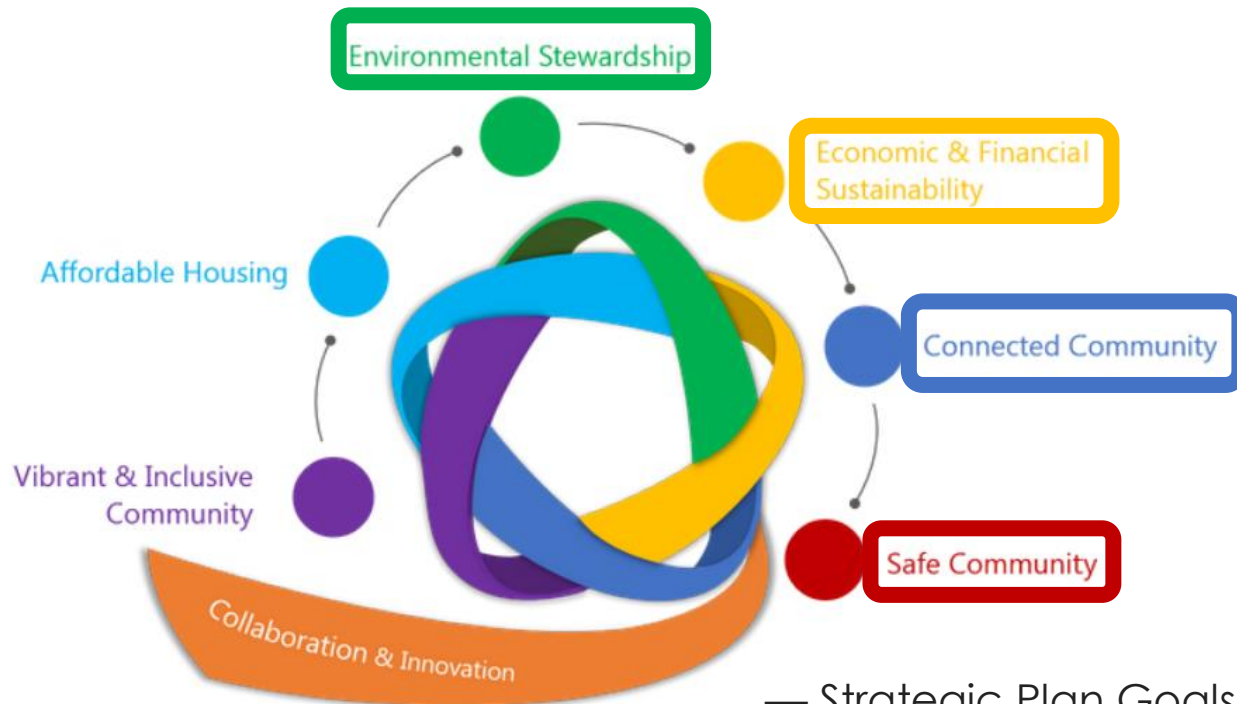
Seeking to implement a **consistent approach** to local street connections

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

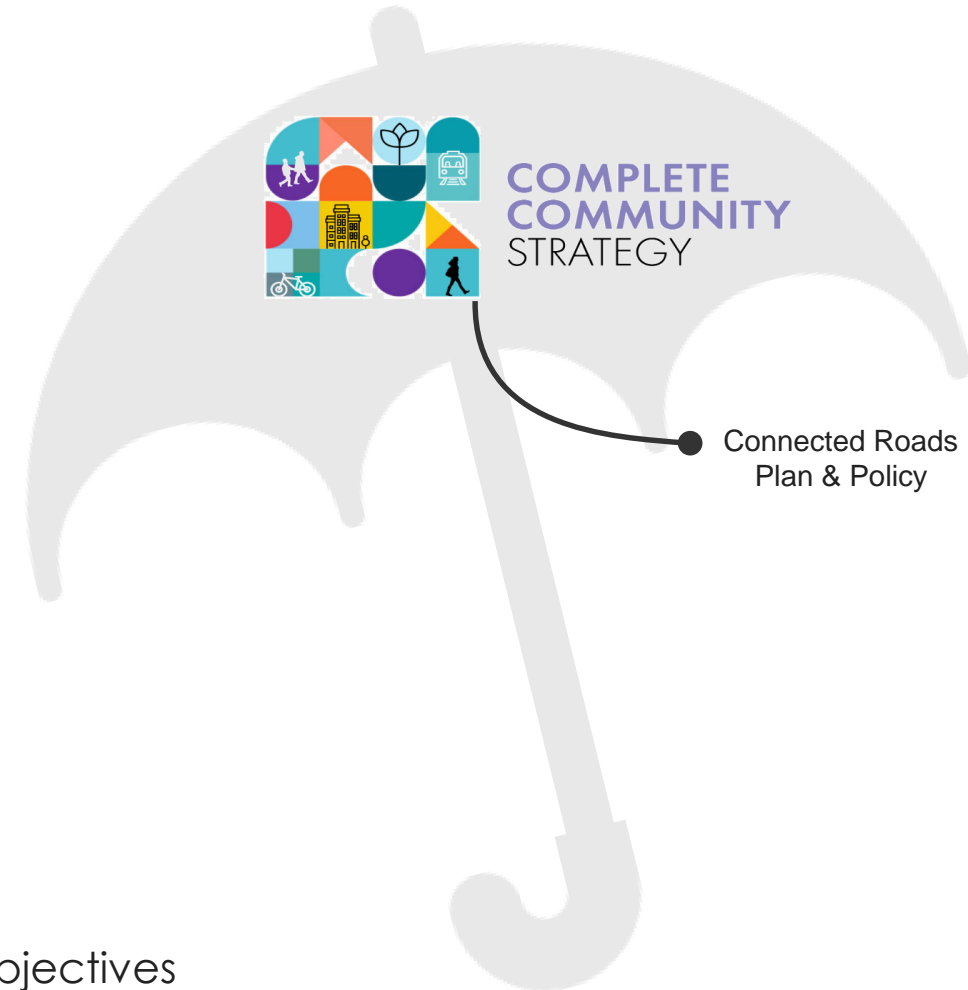
WHY is this important?



TOWN OF
CHAPEL HILL is committed to...



— Strategic Plan Goals & Objectives





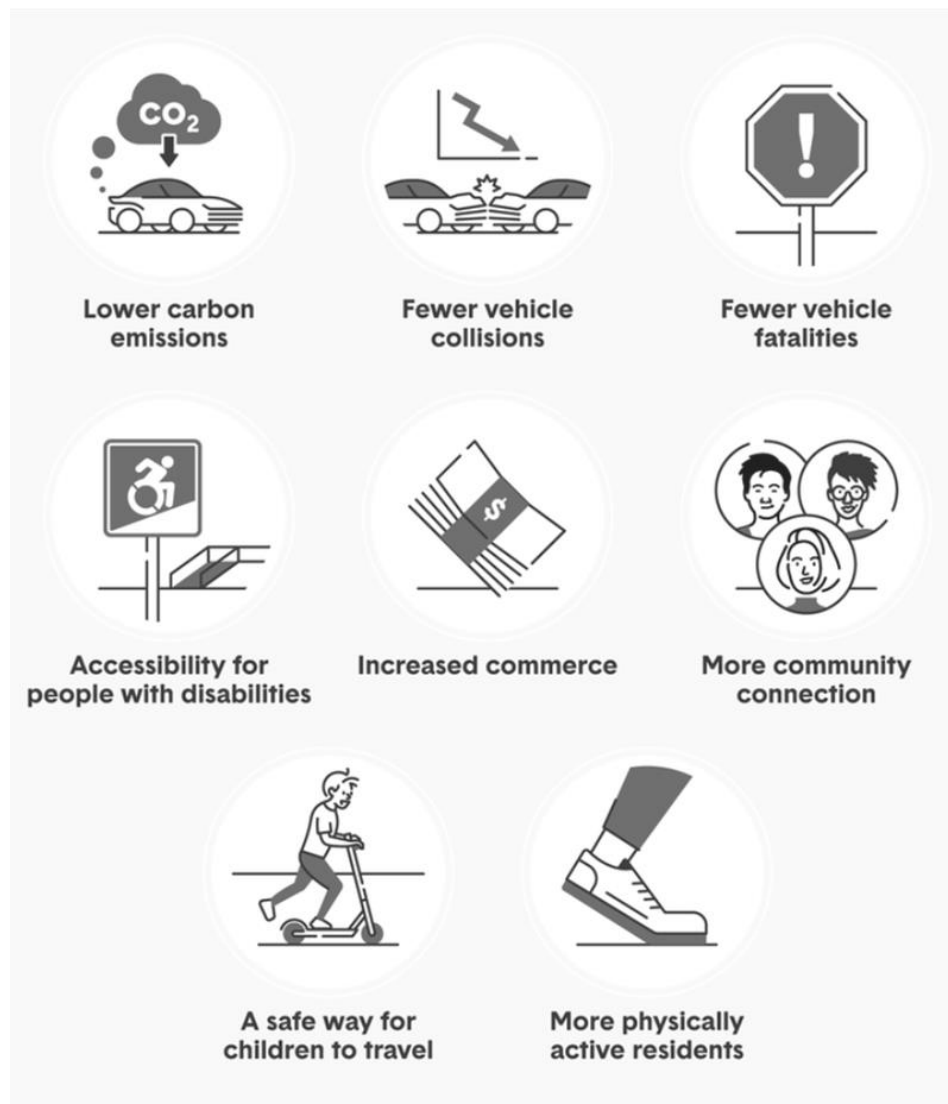
WHAT are the benefits?

DIRECT BENEFITS:

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

INDIRECT BENEFITS:

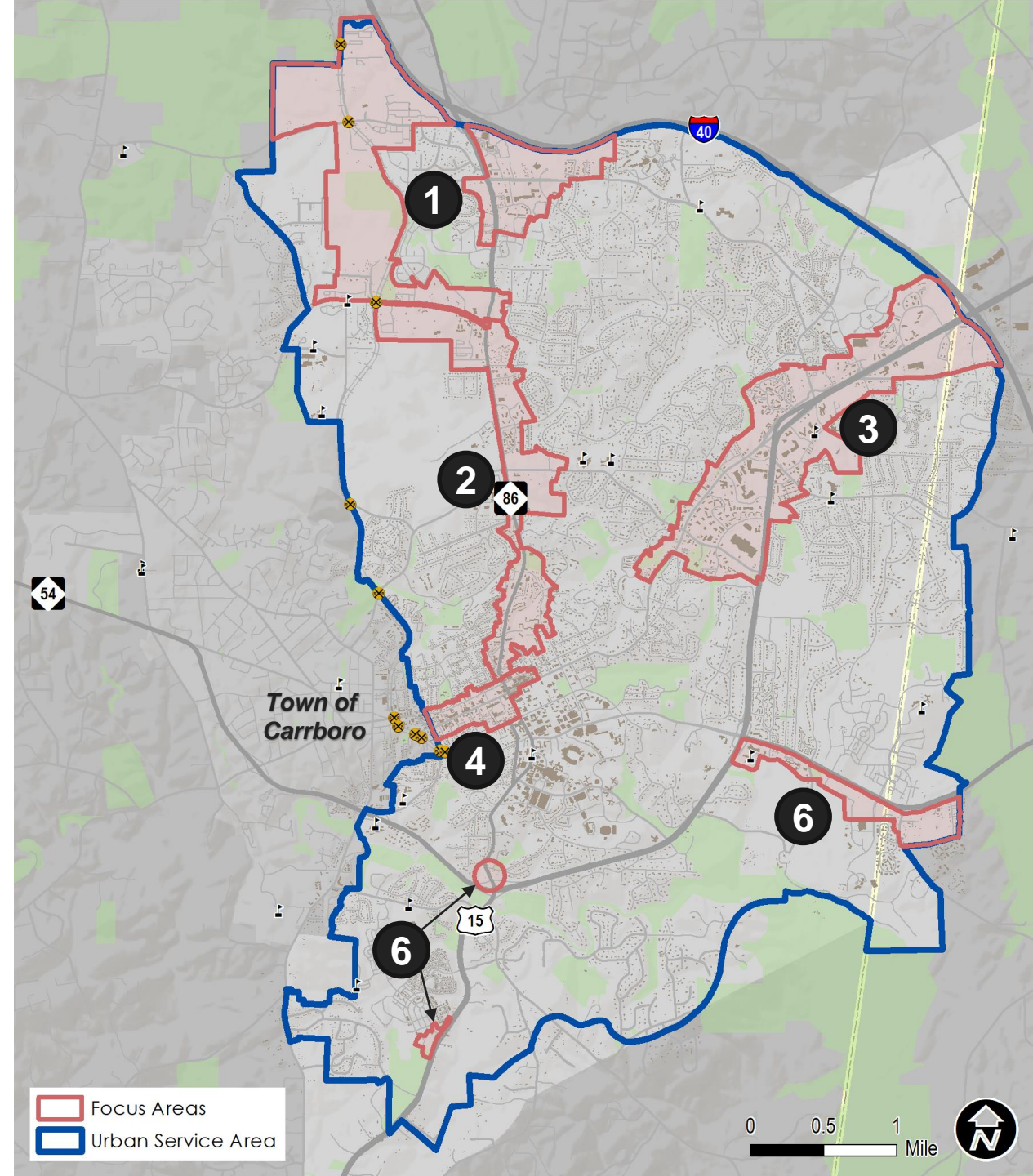
- Safety
- Delay at intersections
- Mode choice
- Emissions



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

5



December 2022 – April 2023



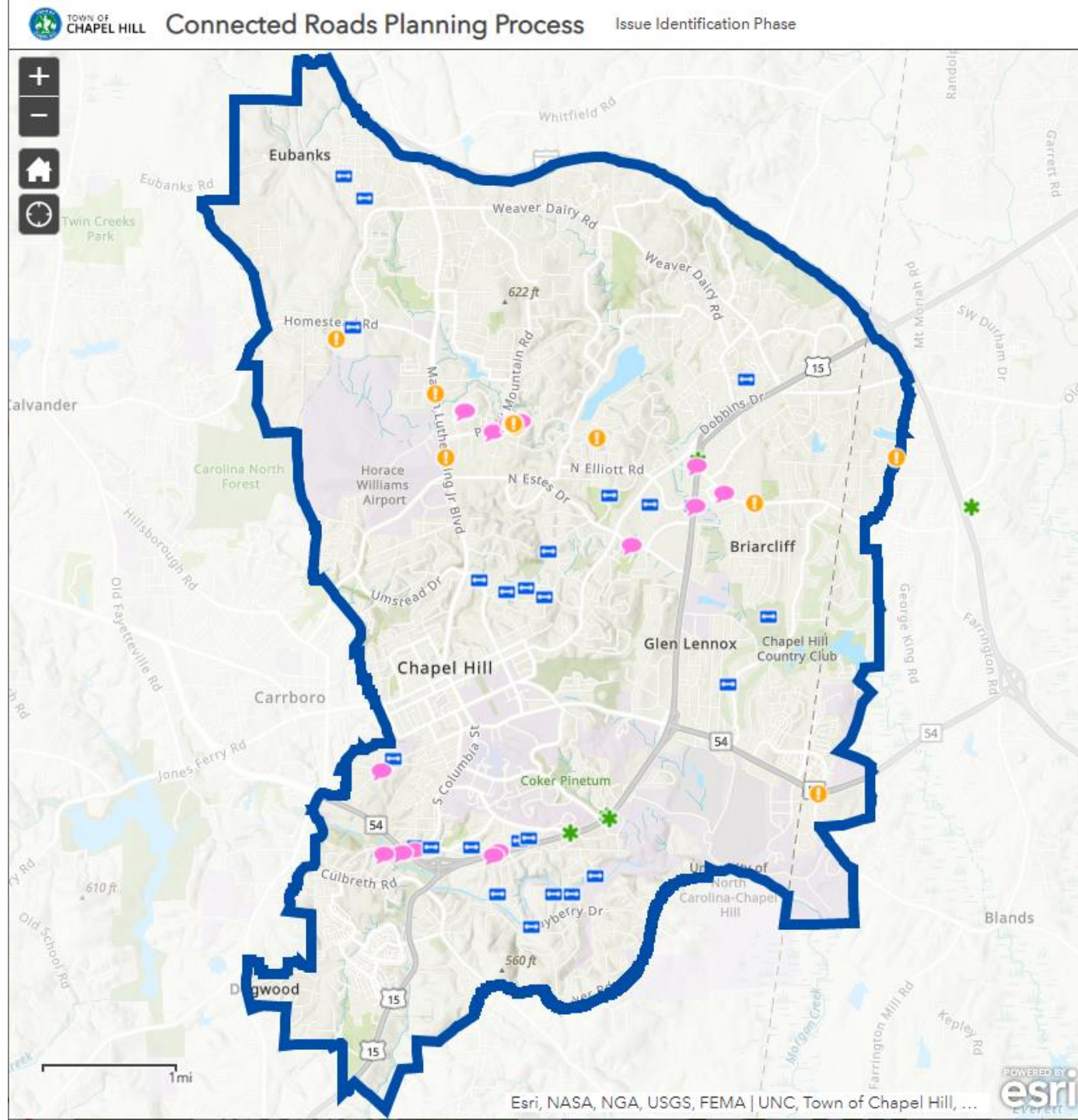
Interactive Map

78 Points of Interest

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



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



Legend

Points of Interest

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

Chapel Hill - Urban Service Area

- Urban Service Area

A stylized illustration of a megaphone with a red body and a grey cone, pointing towards the right. A hand is visible at the handle.

**you
spoke**
we
listened

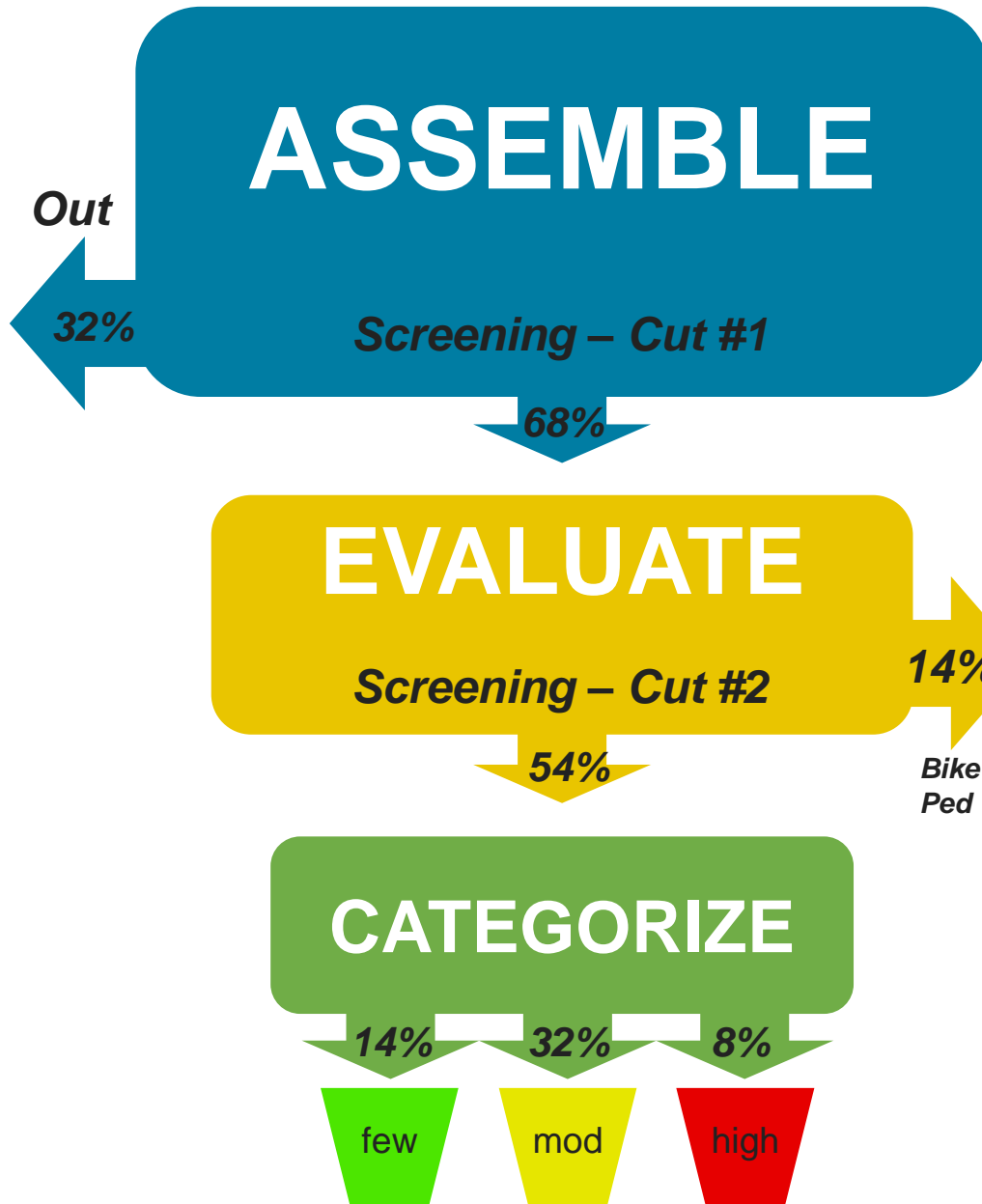
WHAT did we hear?

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



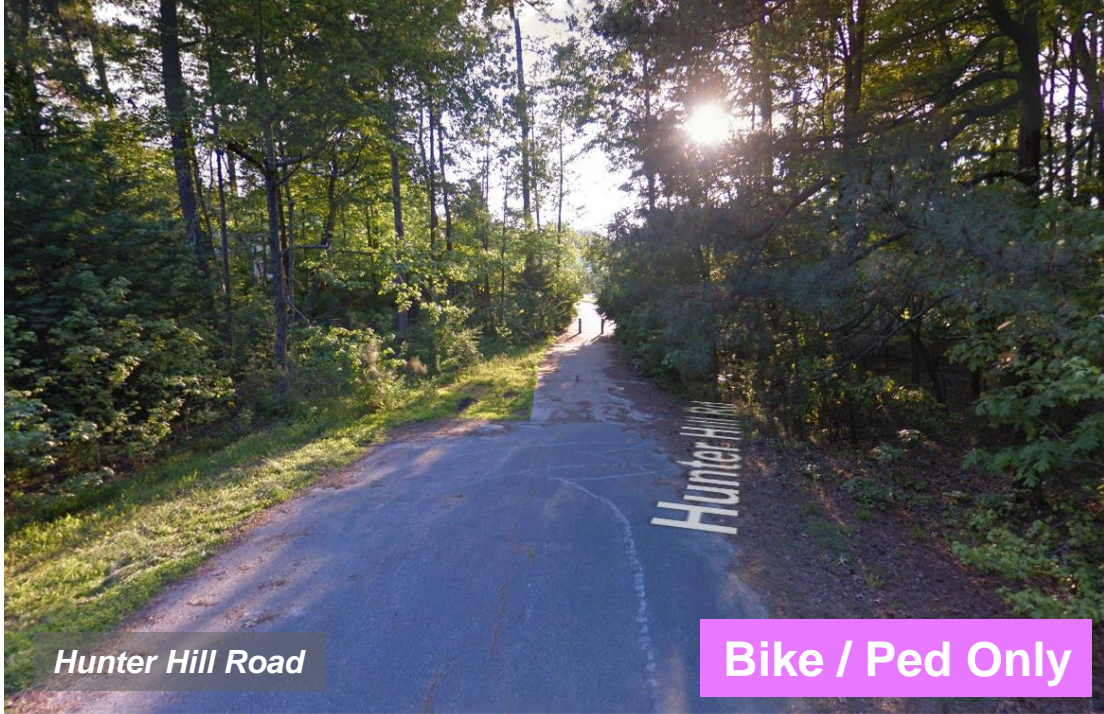


78 potential connections



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



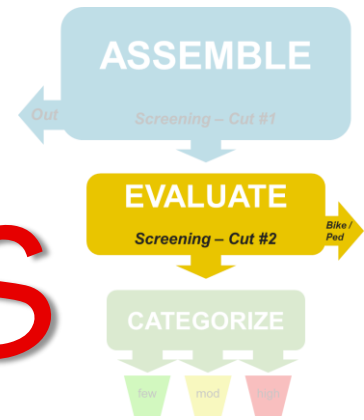
Ward Street

Bike / Ped Only

2. EVALUATE

EXAMPLES

Bicycle / Pedestrian Only

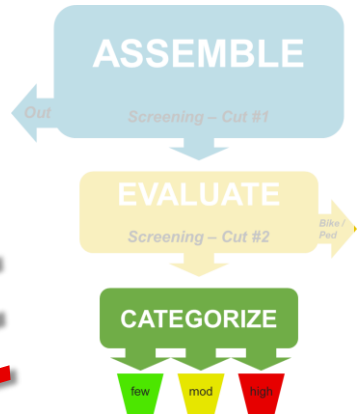


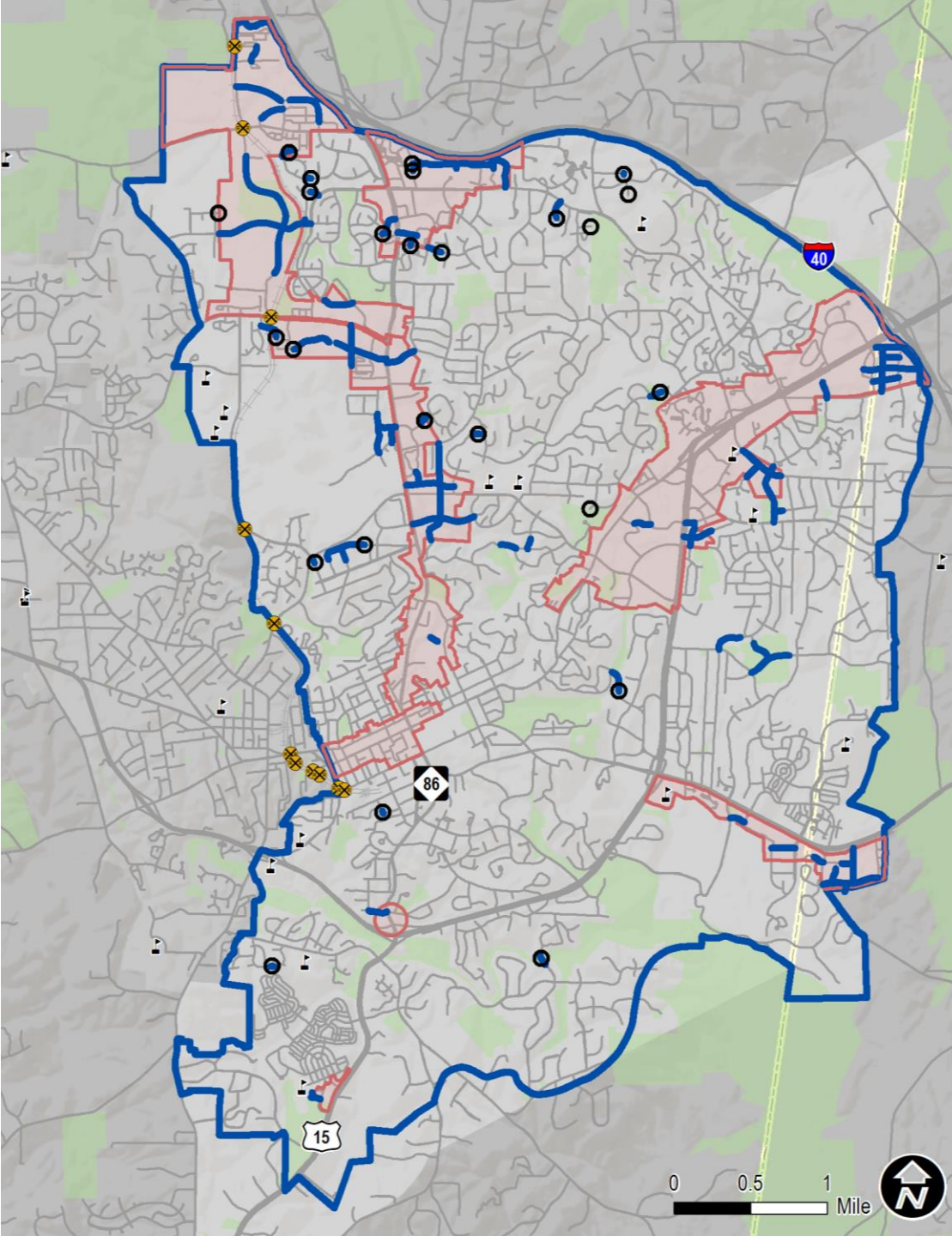


3. CATEGORIZE

EXAMPLE

'Buckets' relating to constructability

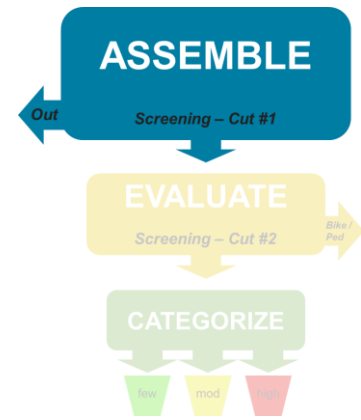


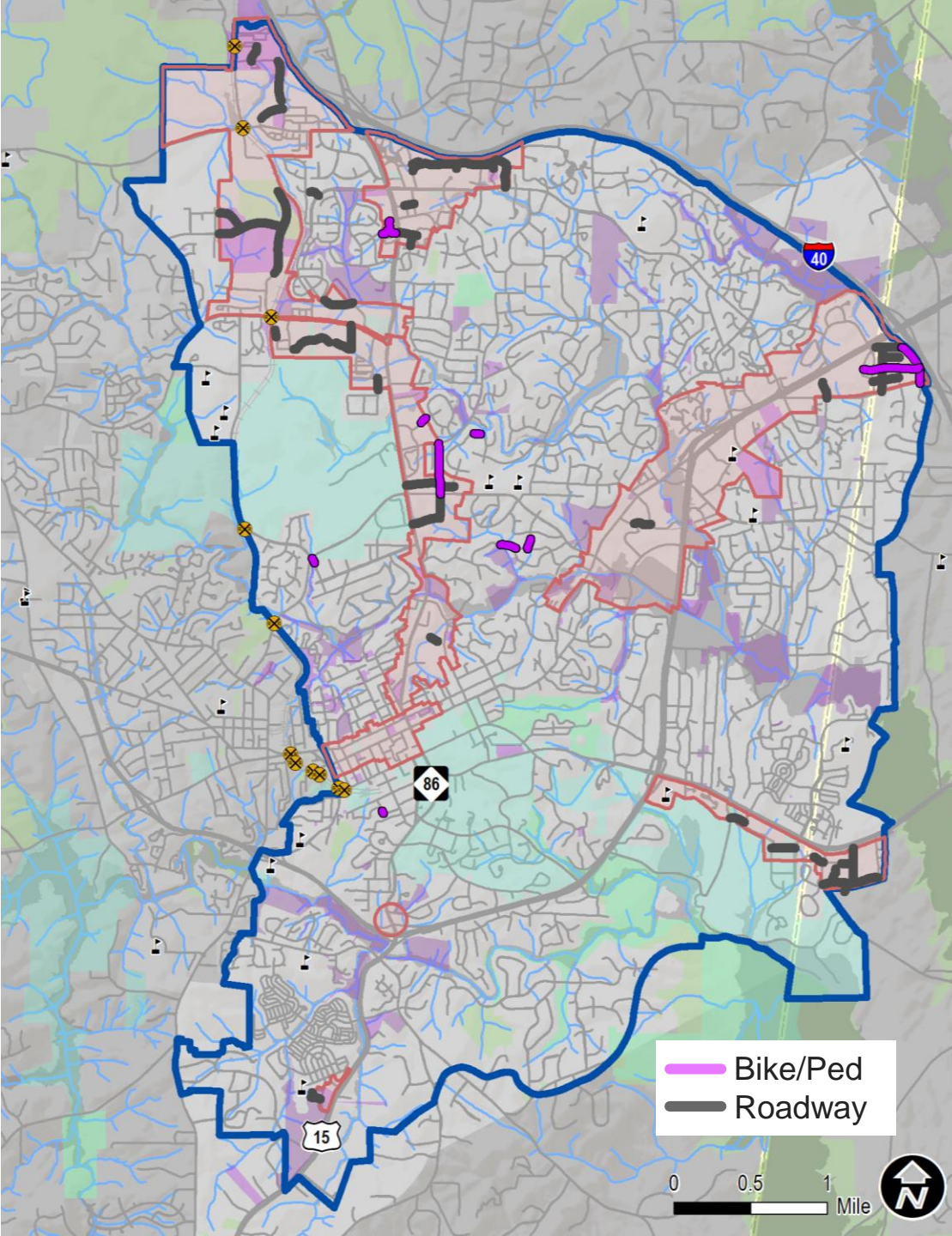


(1) ASSEMBLE

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

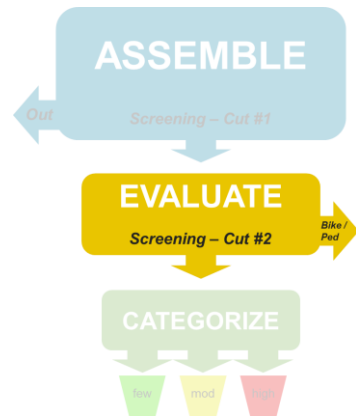
- Streams / Topo / Floodplain
- Railroad crossing
- Adjacent properties / uses

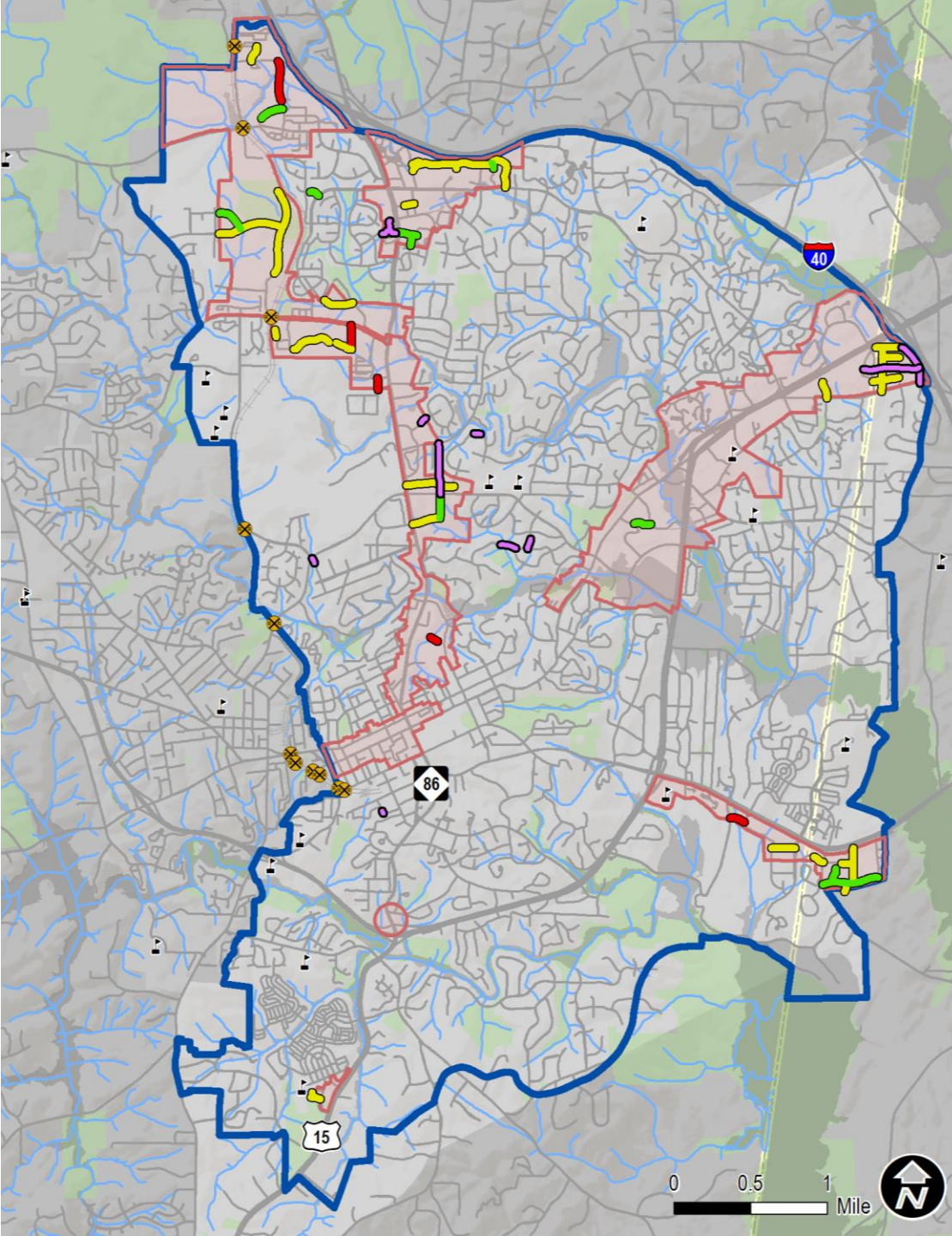
Potential **benefits**

- traffic / walking / transit

50 remaining for review

Screening – Cut #2





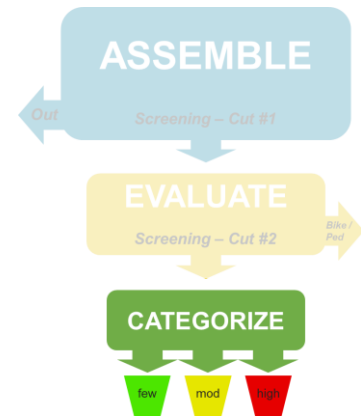
(3) CATEGORIZE

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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