



- 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





## ***WHAT is a Connected Roads Plan?***

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

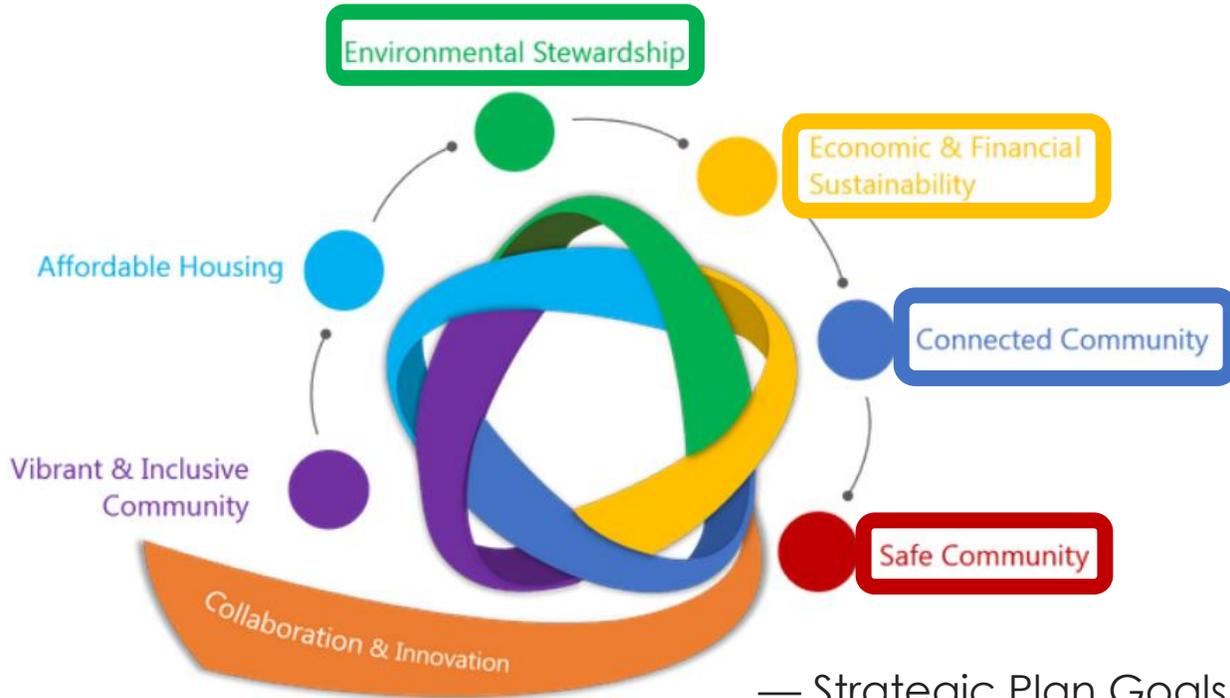
- seeking best practices of **connecting communities** for all modes

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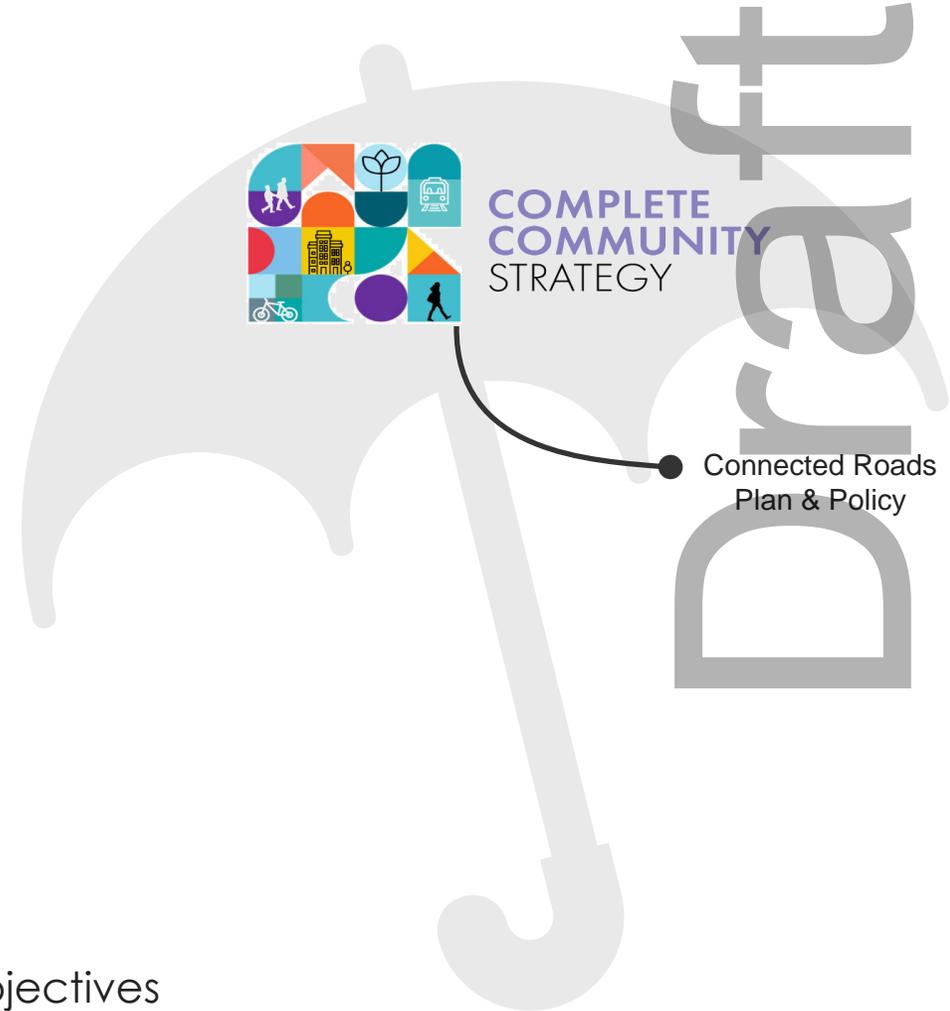
# WHY is this important?



TOWN OF CHAPEL HILL is committed to...



— Strategic Plan Goals & Objectives





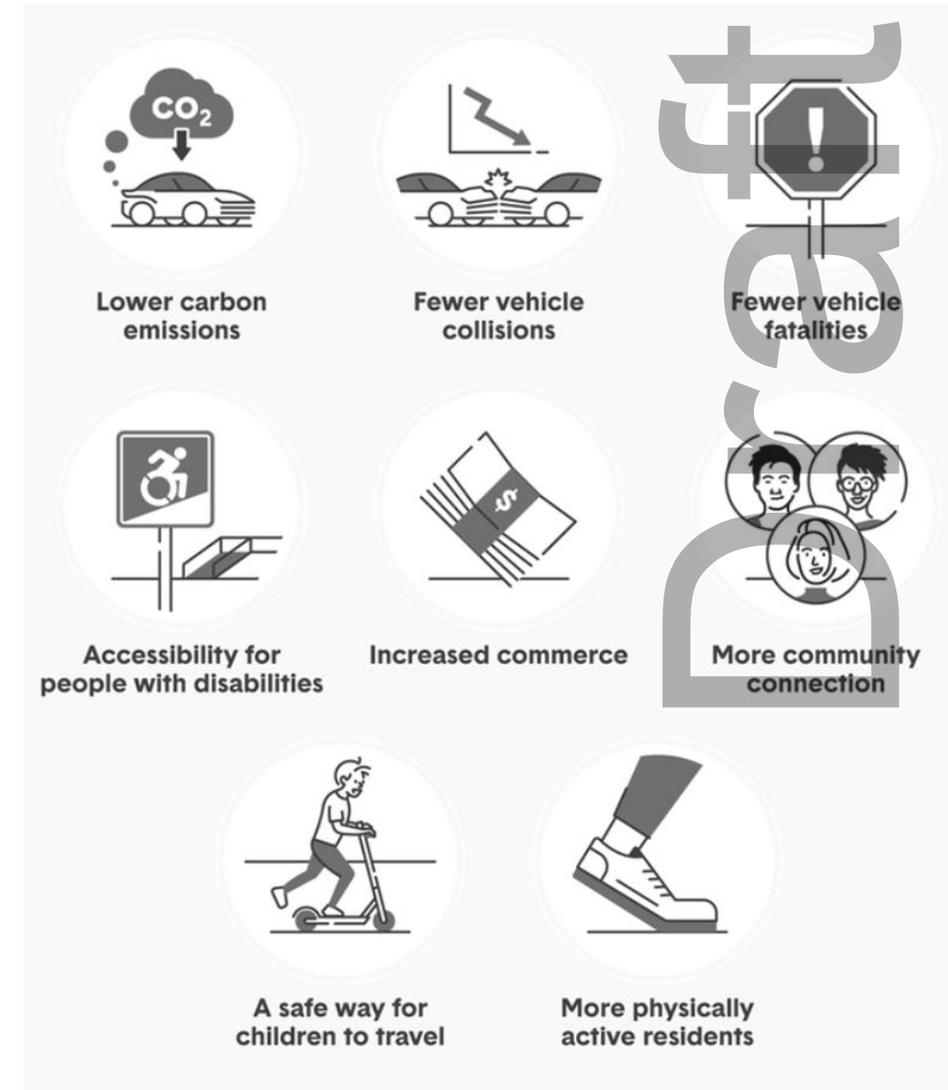
# WHAT are the benefits?

## DIRECT BENEFITS:

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

## INDIRECT BENEFITS:

- Safety
- Delay at intersections
- Mode choice
- Emissions

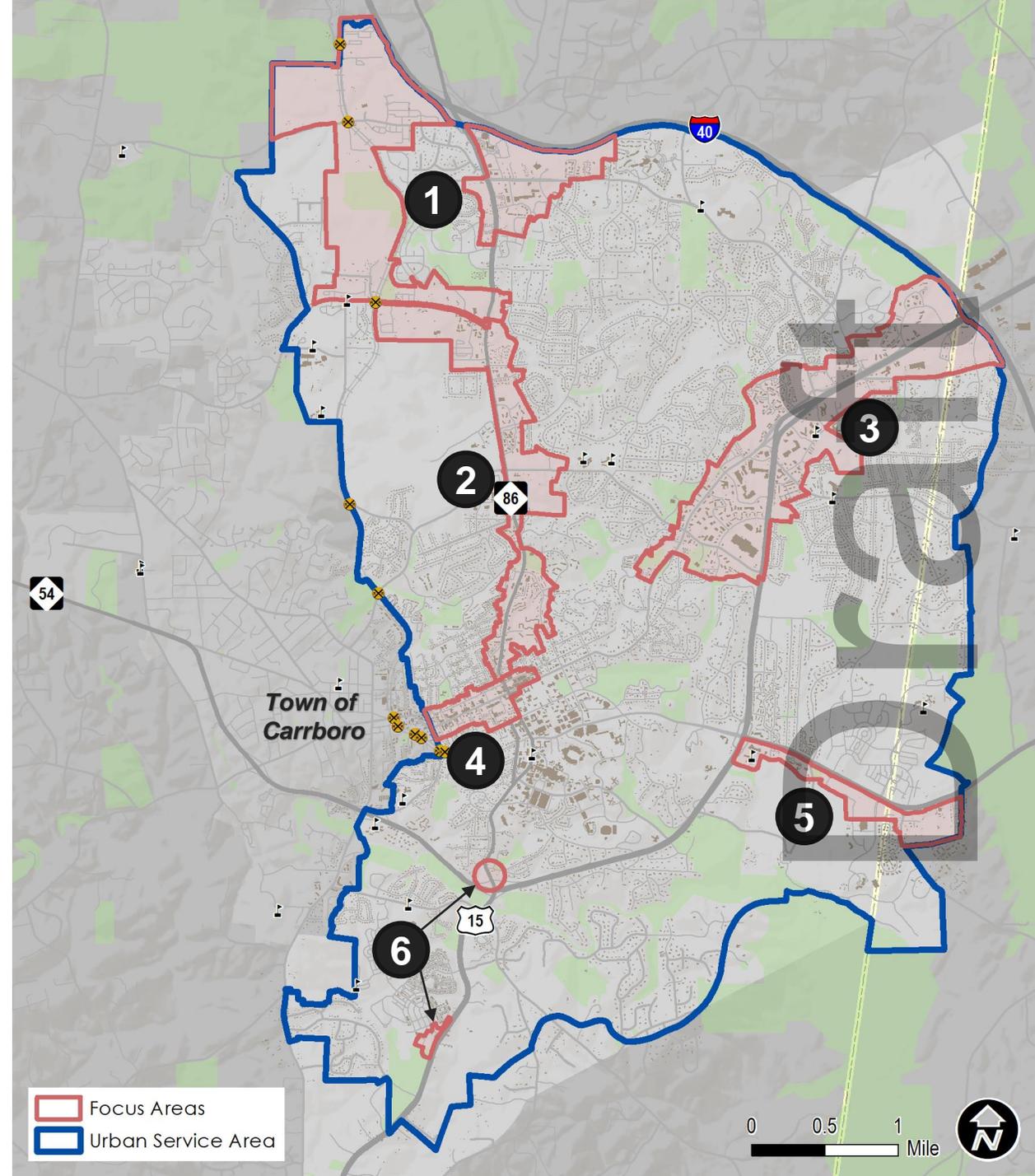




# WHERE are we prioritizing connections?

Potential for new mixed-use development (growth)

Major corridors are constraint to greater connection



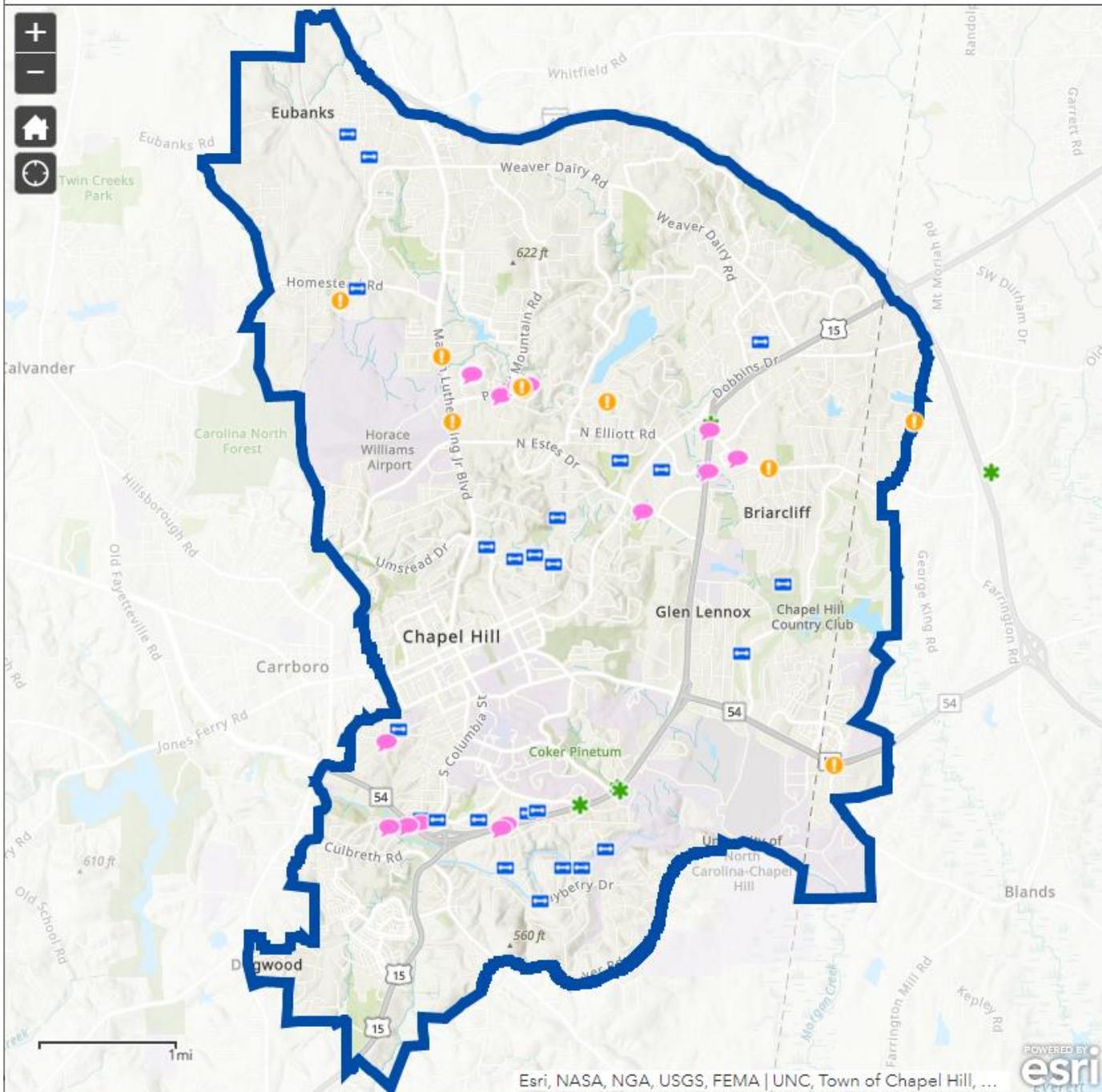




# Interactive Map

## 78 Points of Interest

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



**Legend**

**Points of Interest**

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

**Chapel Hill - Urban Service Area**

- Urban Service Area

# Draft





**you  
spoke**  
we  
listened

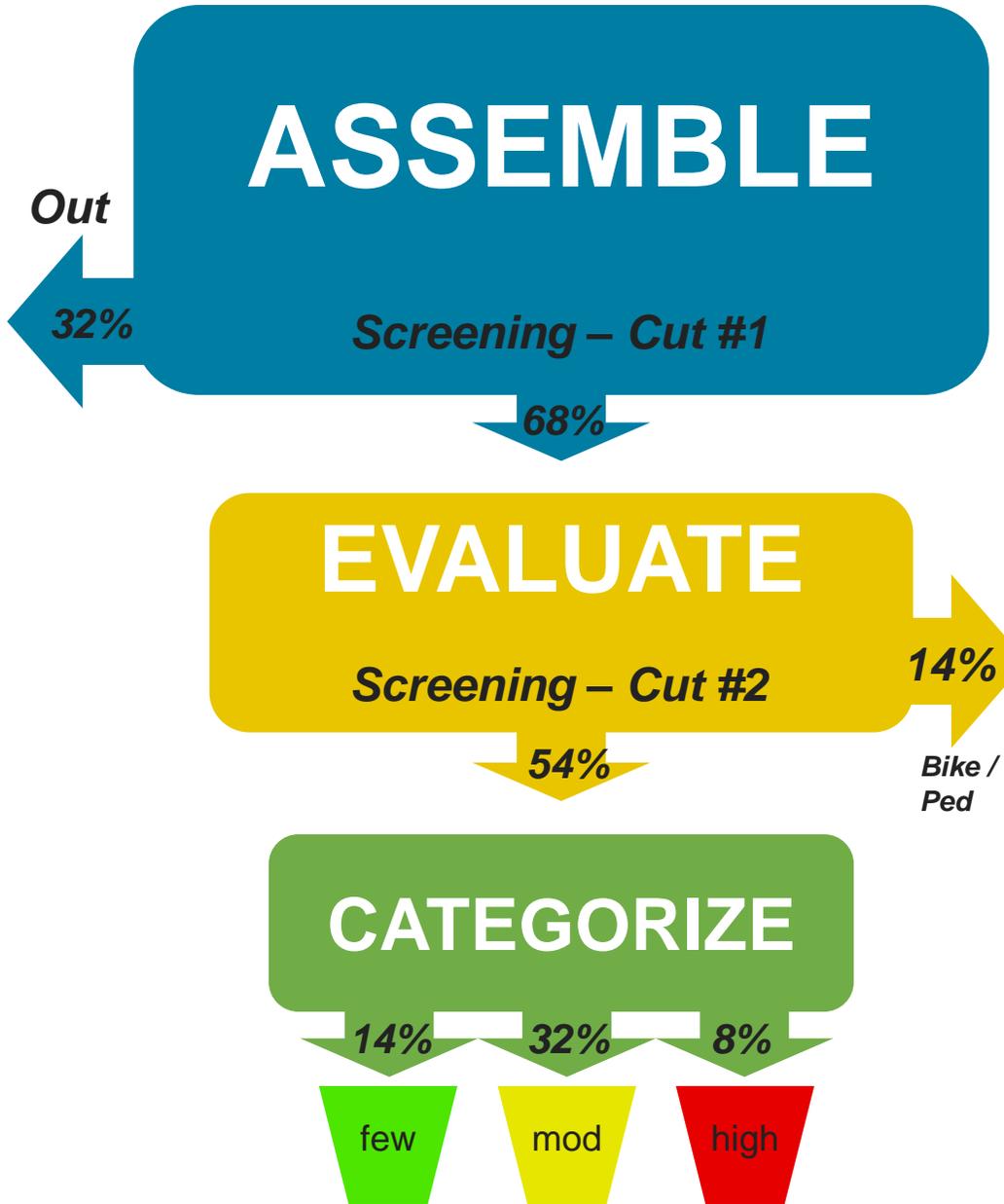
# WHAT did we hear?

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

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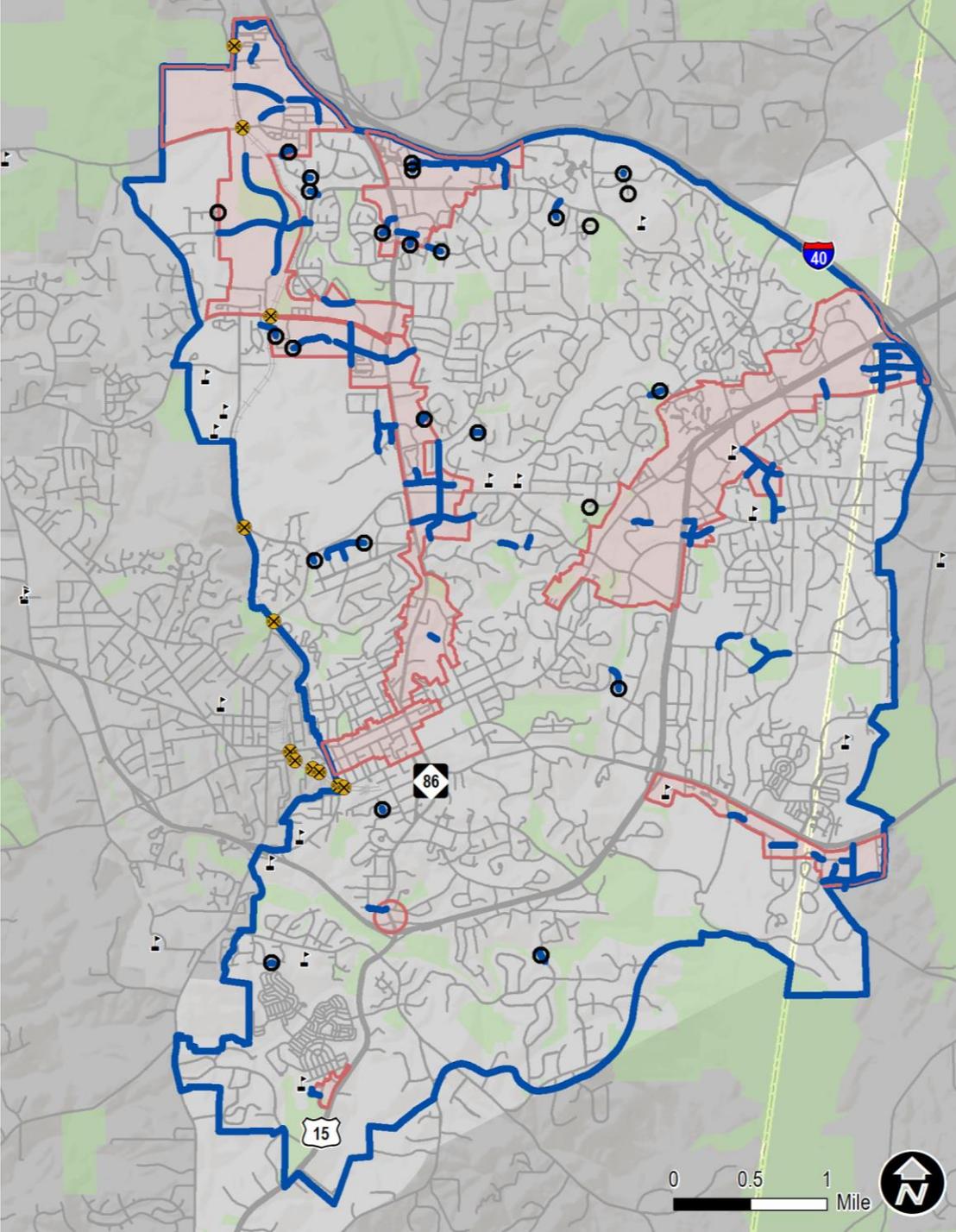
78 potential connections



# 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

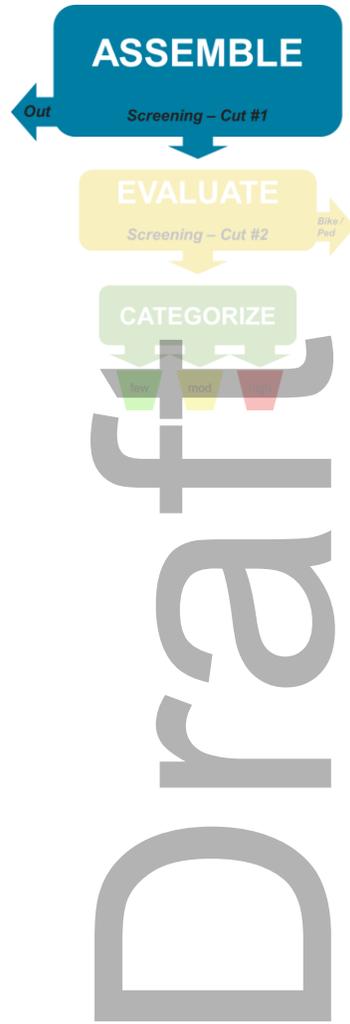
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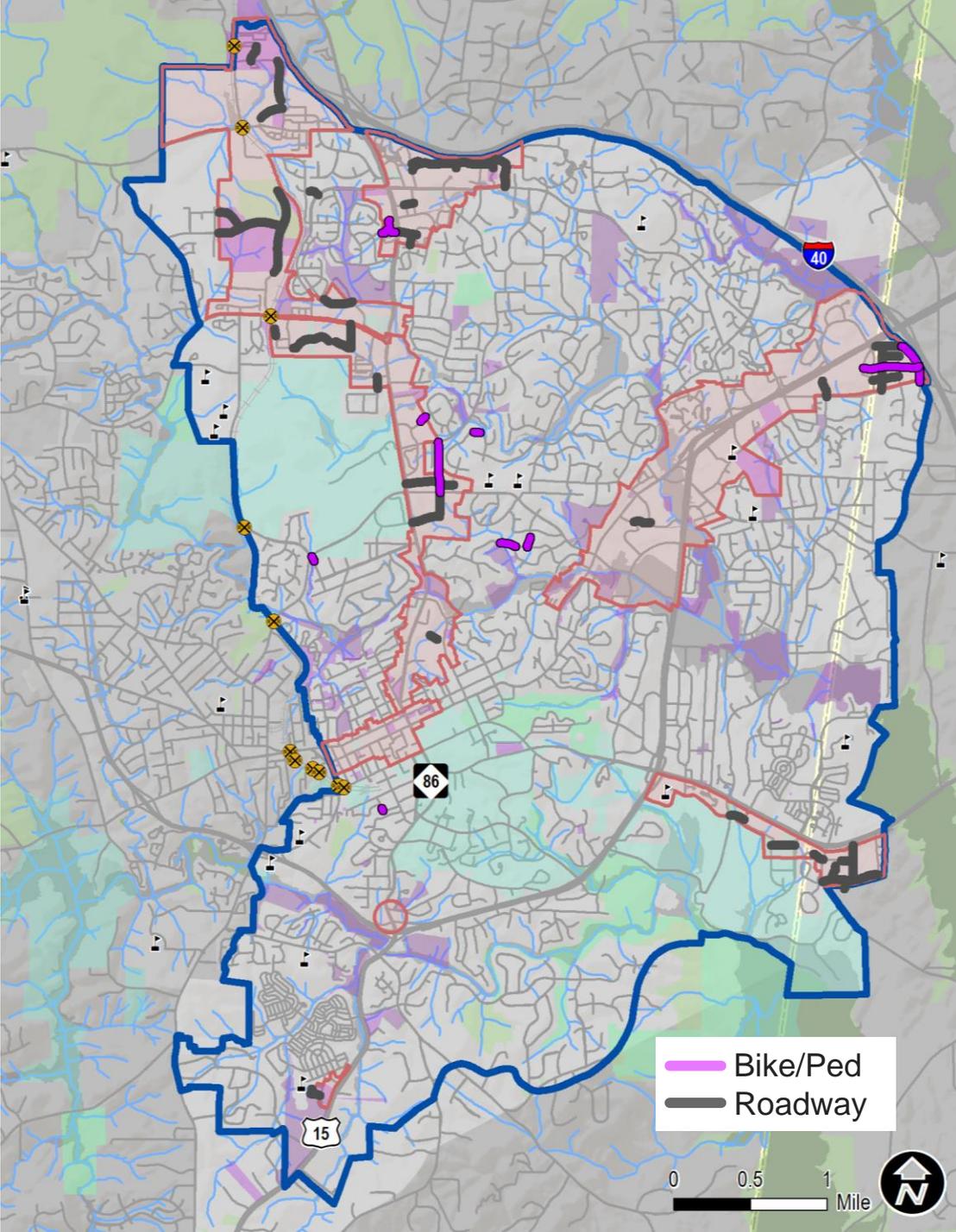


# (1) ASSEMBLE

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**

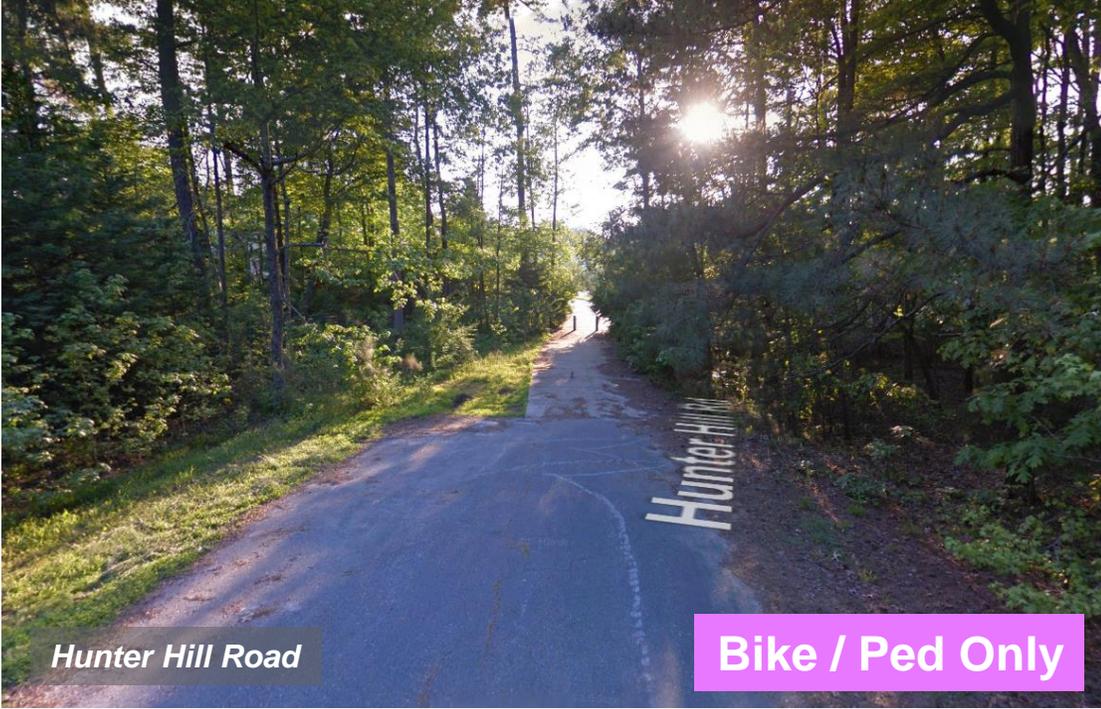
- traffic / walking / transit

**50 remaining for review**

**Screening – Cut #2**



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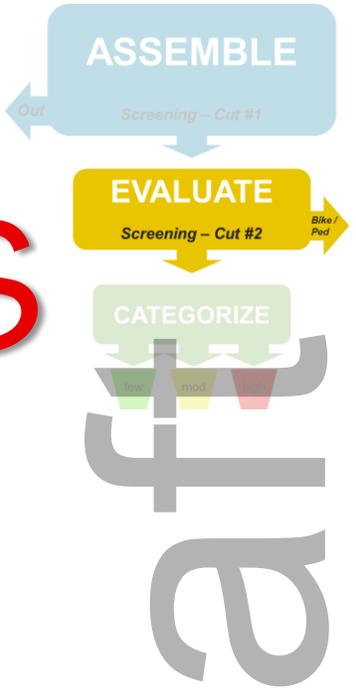
Hunter Hill Road

Bike / Ped Only

## 2. EVALUATE

# EXAMPLES

Bicycle / Pedestrian Only



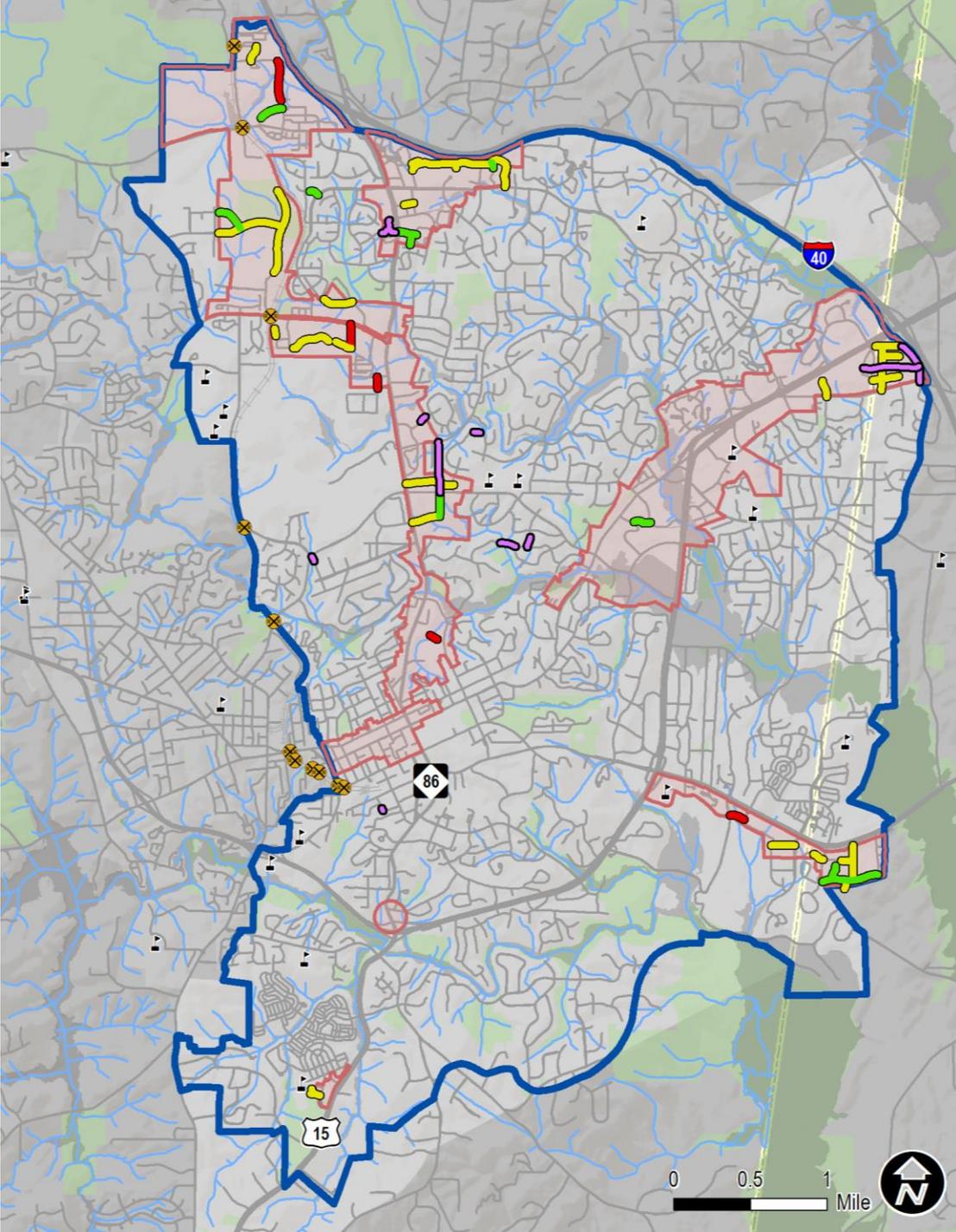
Huntington Drive / Wellington Drive

Bike / Ped Only



Ward Street

Bike / Ped Only



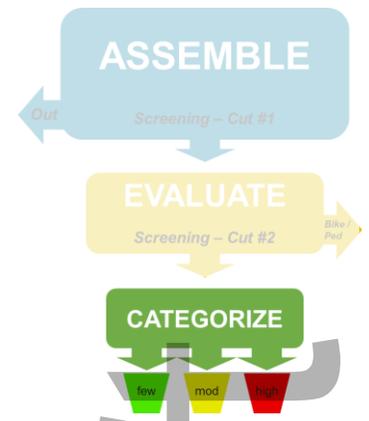
# (3) CATEGORIZE

Based on 'constructability'

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

**40 potential connections remain**

12 Bike/Ped Connection Only



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Butterfield Court

Few Constraints



Old University Station Road

Moderate Constraints

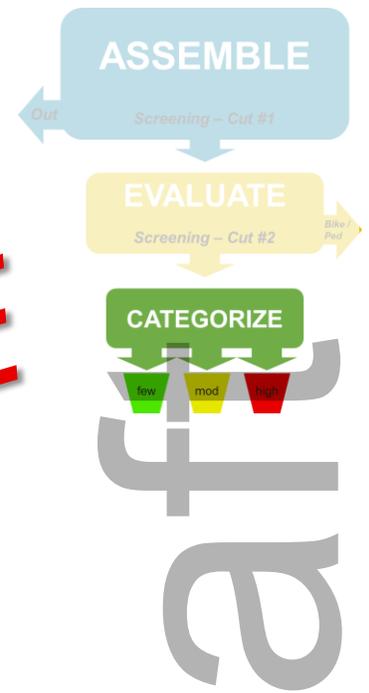


Homestead Road near Weaver Dairy Rd Ext

### 3. CATEGORIZE

# EXAMPLE

'Buckets' relating to constructability



# Next Steps

## Adoption Process

- Open legislative hearing: **Wednesday May 10<sup>th</sup>**
- Public comment period/finalize plan
- Council action: **Wednesday June 14<sup>th</sup>**



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