



How can we help you today?



- 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



# WHY is this important?

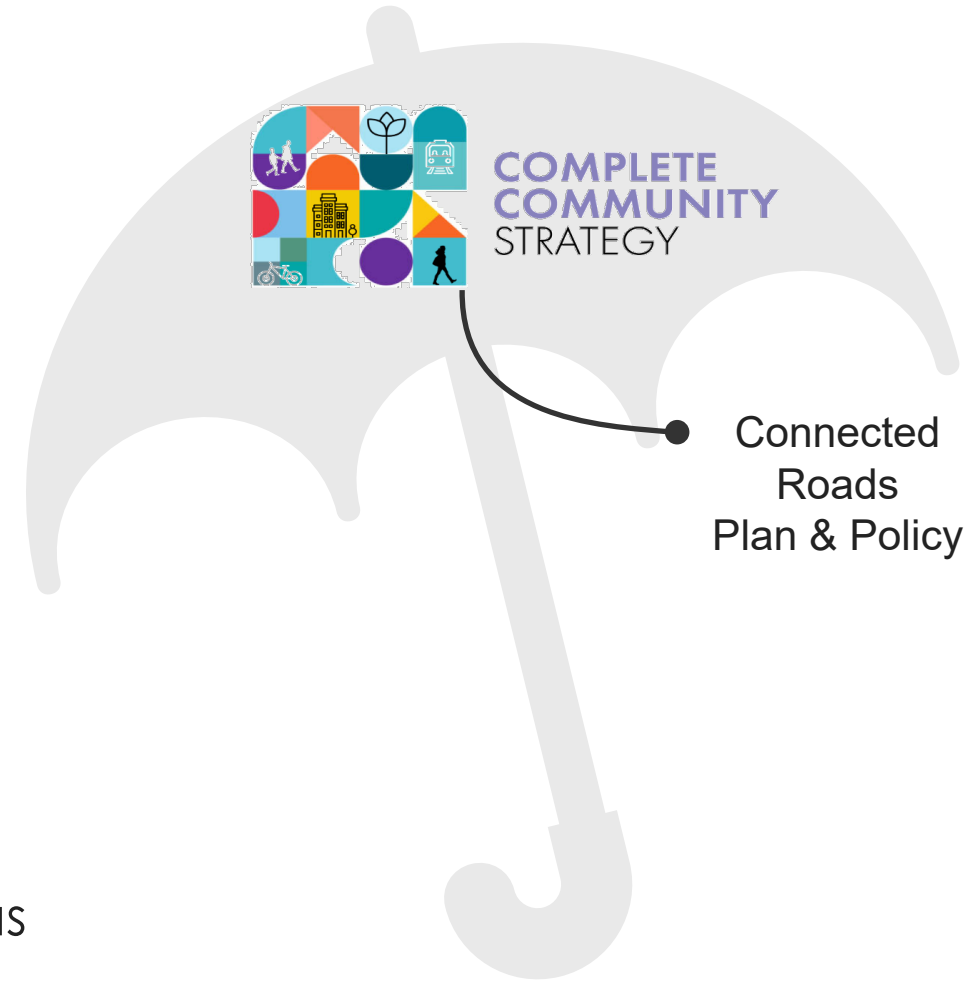


TOWN OF  
**CHAPEL HILL**

is committed to...



Council Focus Areas





# 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



Lower carbon emissions



Fewer vehicle collisions



Fewer vehicle fatalities



Accessibility for people with disabilities



Increased commerce



More community connection



A safe way for children to travel



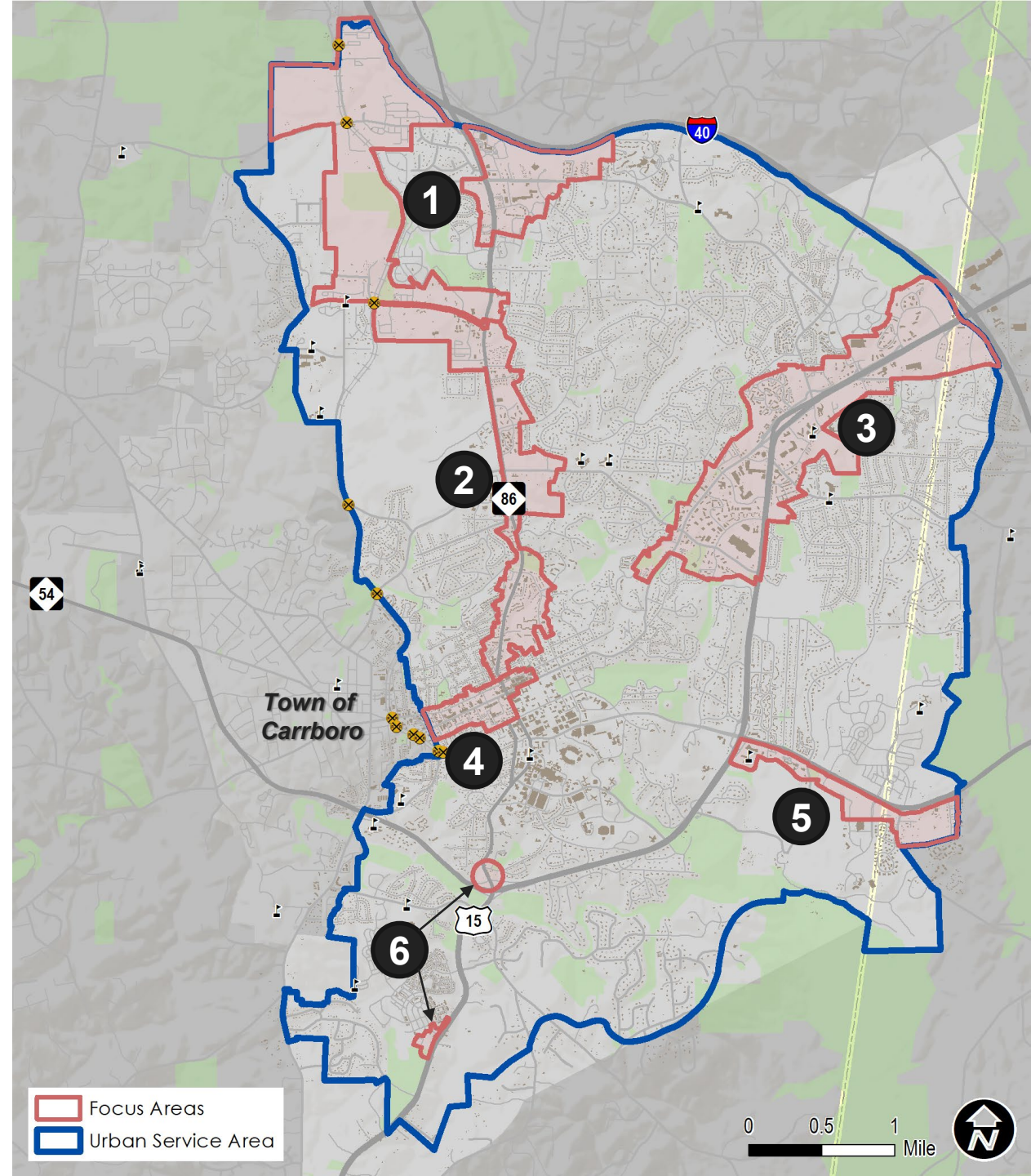
More physically active residents



# WHERE are we prioritizing connections?

Potential for new mixed-use development (growth)

Major corridors are constraint to greater connection





4

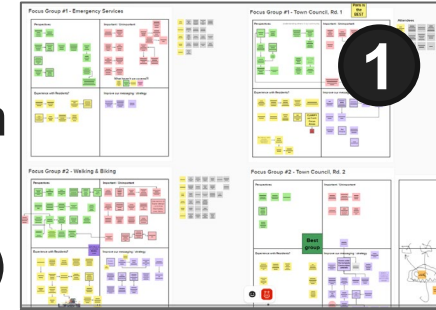


# HOW did we proceed?

## 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

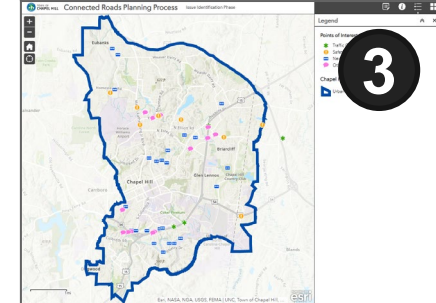
5



1



2



3

December 2022 – April 2023



# Survey

Launched Jan 3<sup>rd</sup>  
Closed Feb 16<sup>th</sup>  
**179 respondents**

## Top 3 Important TOWN Initiatives:

1. Improving walkability
2. Eliminating fatal / severe injury crashes
3. Environmental sustainability

**Convenience & Speeding Cars** were recurring themes

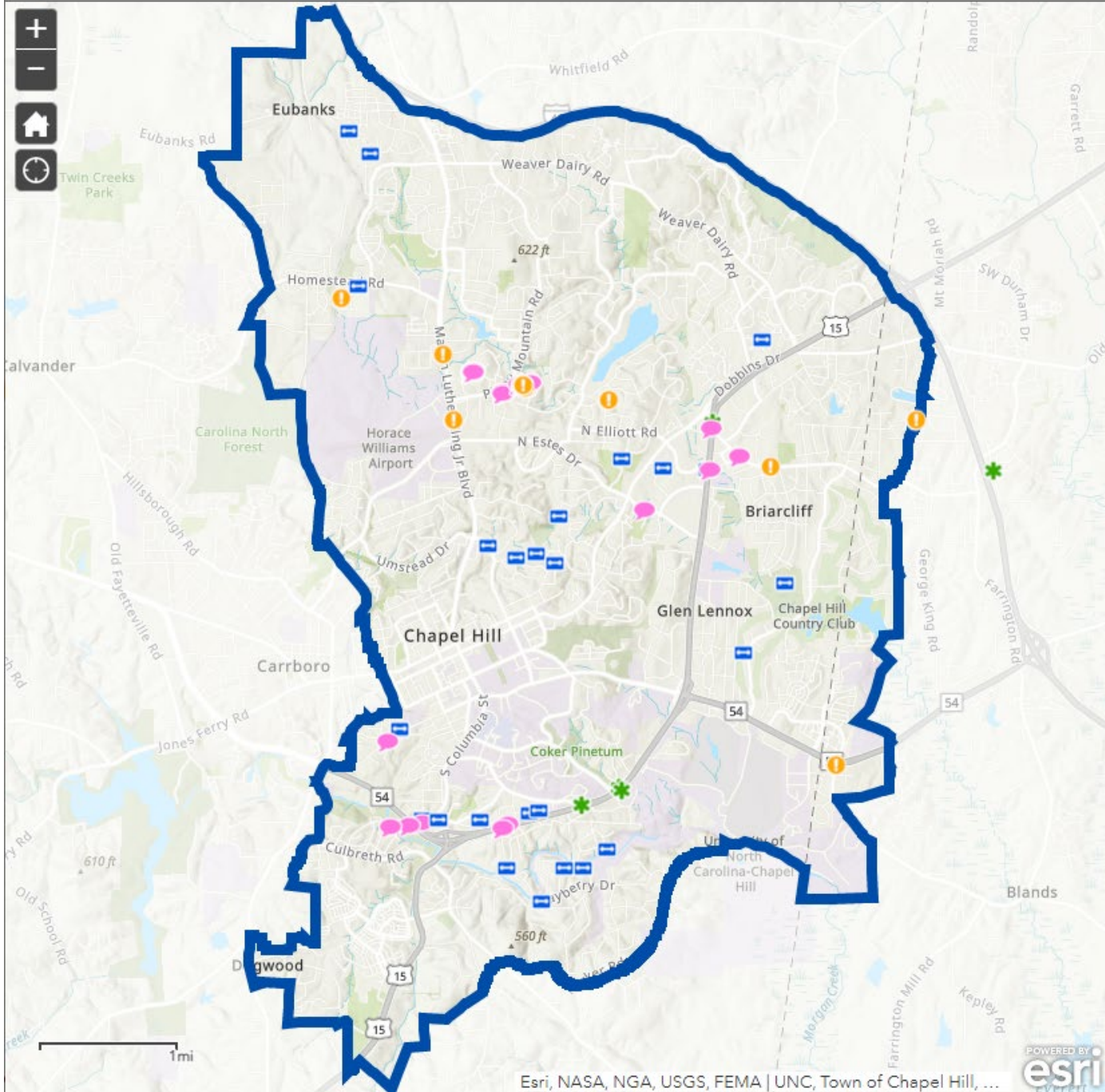




# Interactive Map

## 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







**you  
spoke**  
we  
listened

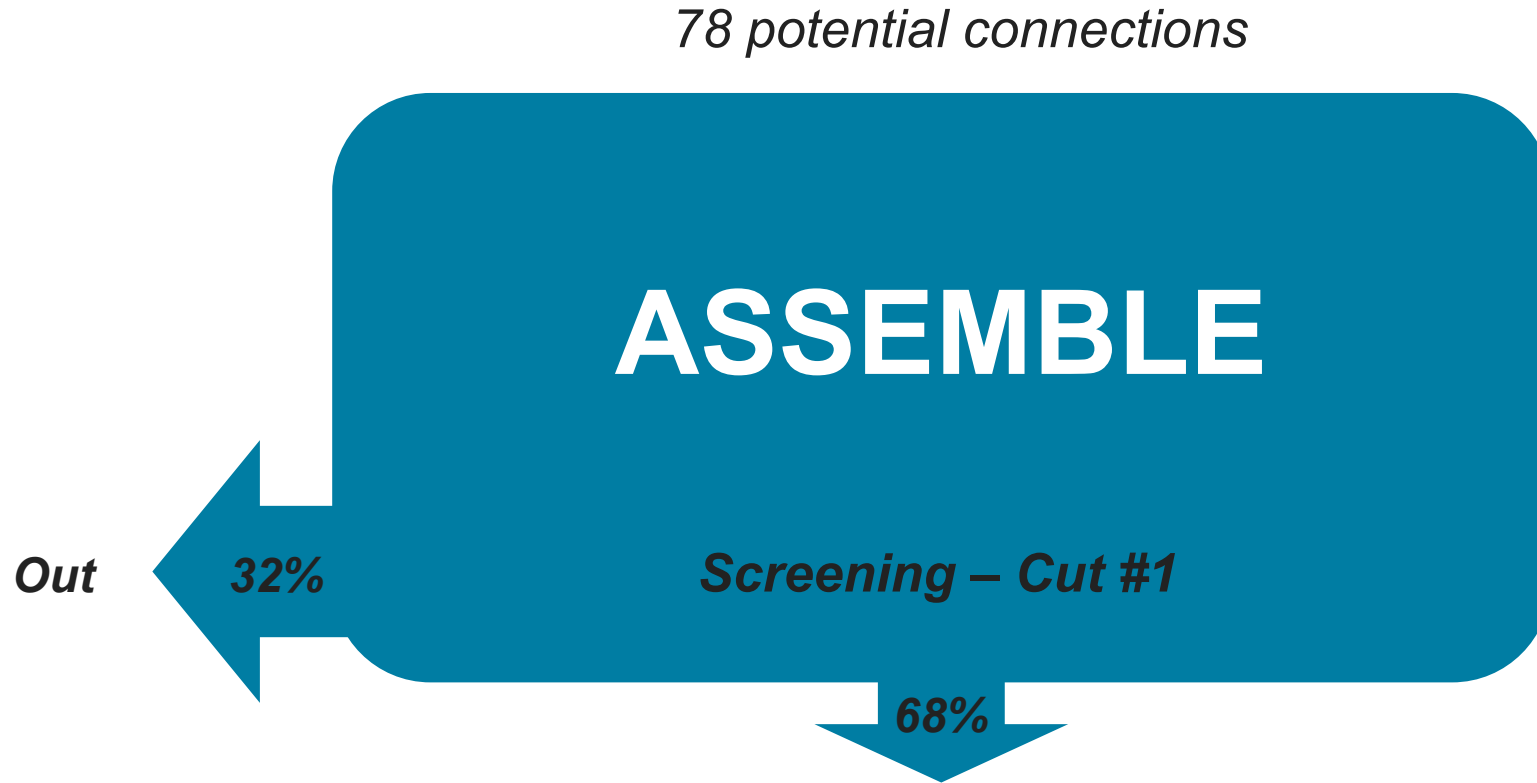
# WHAT did we hear?

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



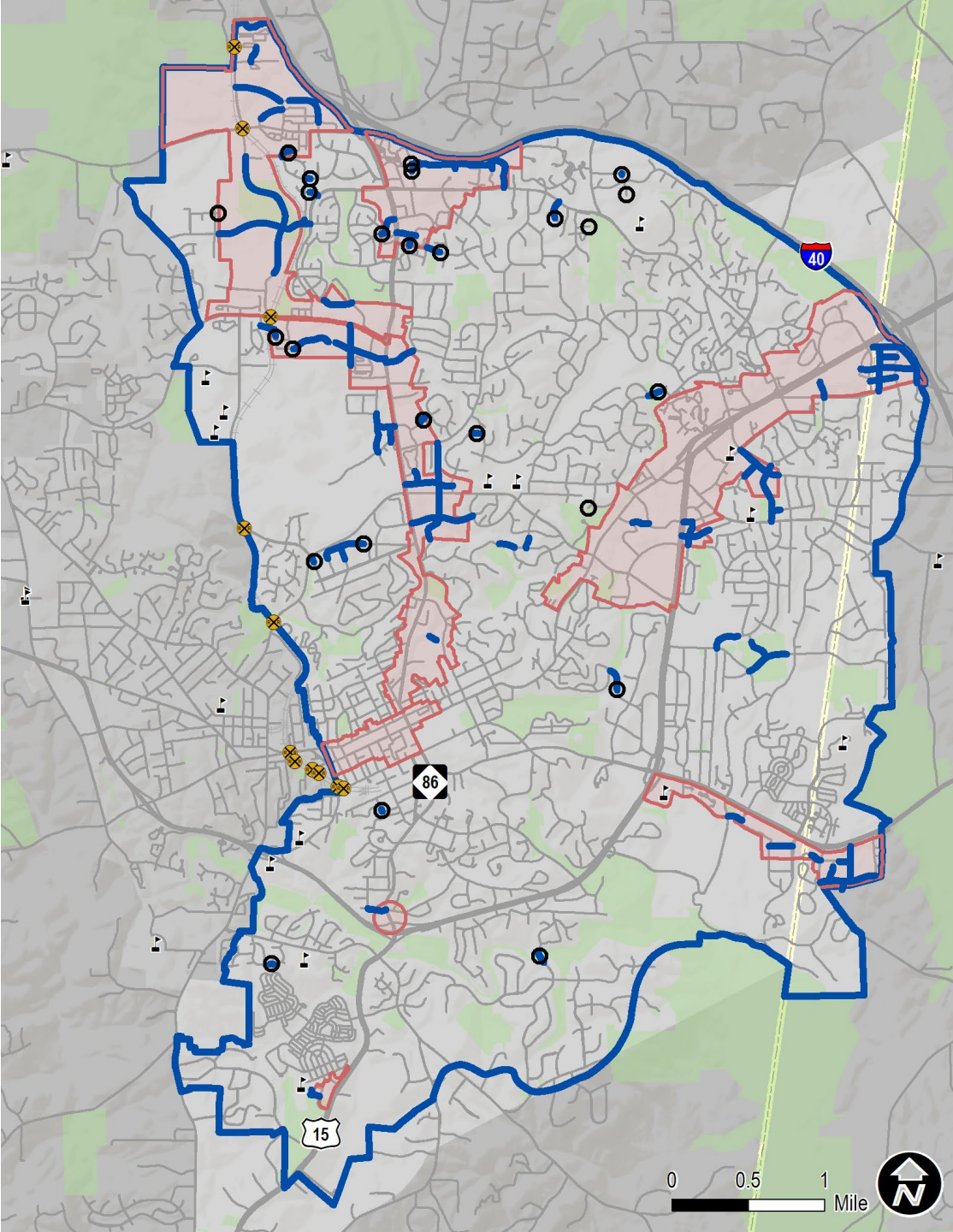


# WHAT process did we follow?



## 1. **ASSEMBLE:** all possible connections!

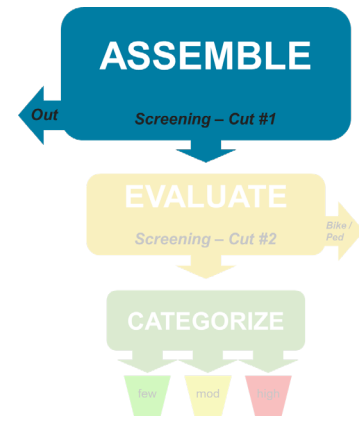
- *Cut #1: Not-feasible or Potential impact to buildings*



# (1) ASSEMBLE

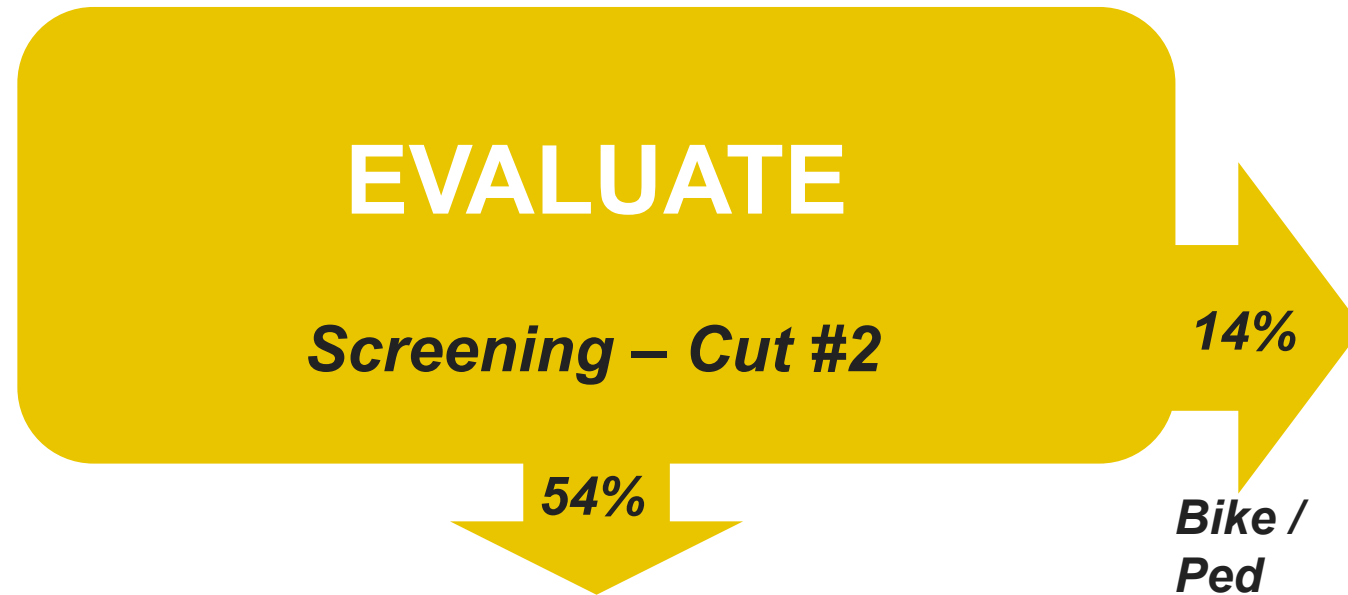
- Existing stub-out streets
- Interactive Map ‘connections’
- FLUM locations
- “Universe” of connections

**75 total connections considered  
Screening – Cut #1**



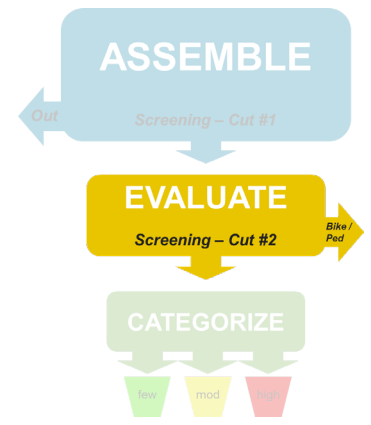
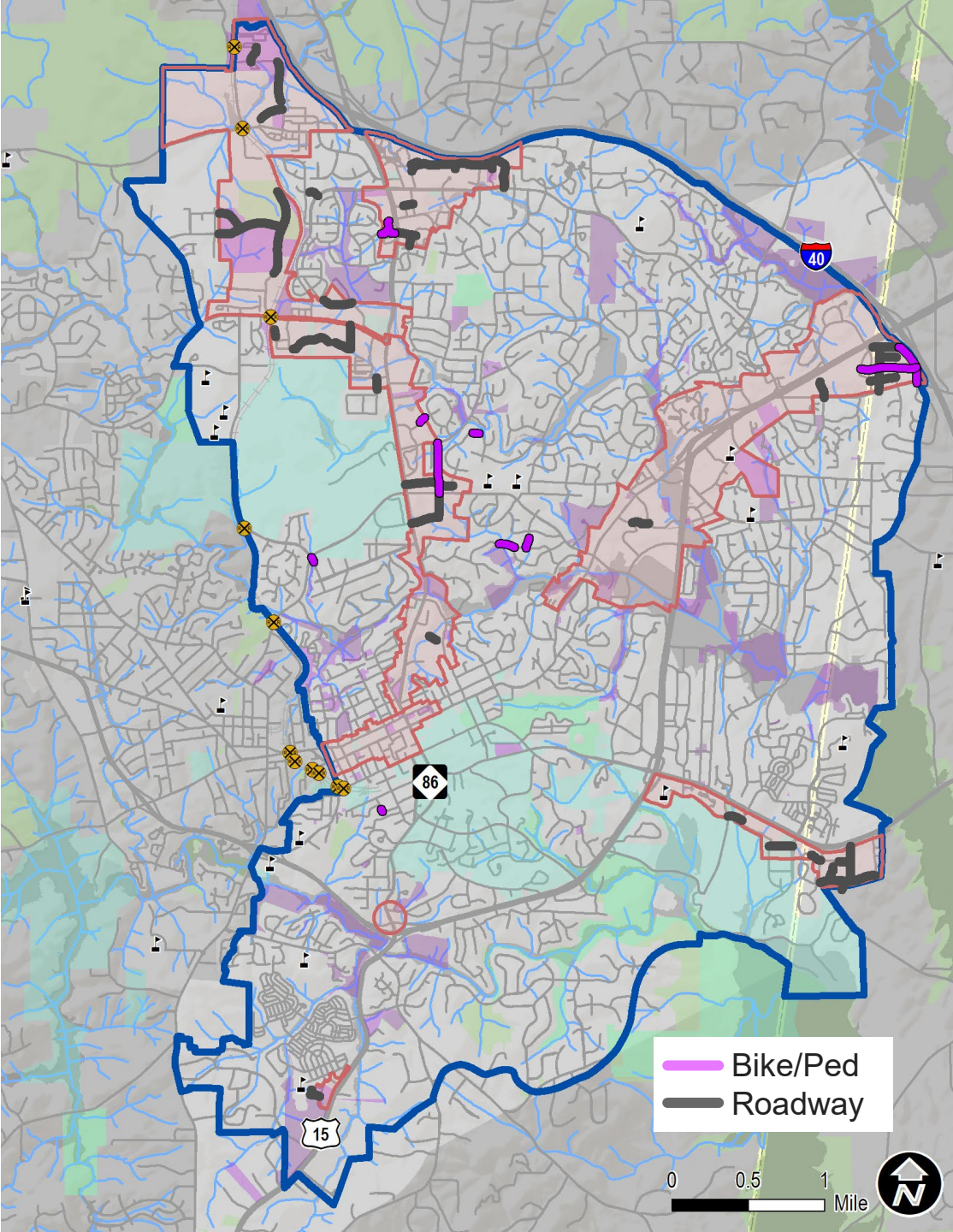


# WHAT process did we follow?



## 2. **EVALUATE:** desktop screening

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



## (2) EVALUATE

### Constraints that limit constructability

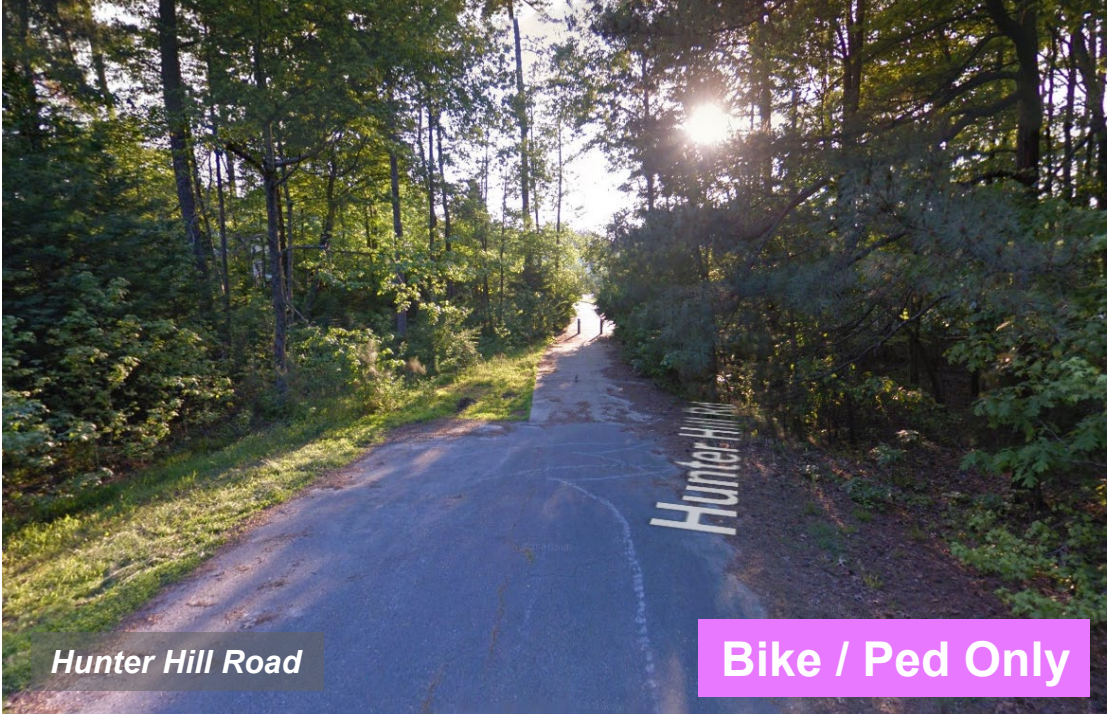
- Streams / Topo / Floodplain
- Railroad crossing
- Adjacent properties / uses

### Potential benefits

- traffic / walking / transit

50 remaining for review

Screening – Cut #2



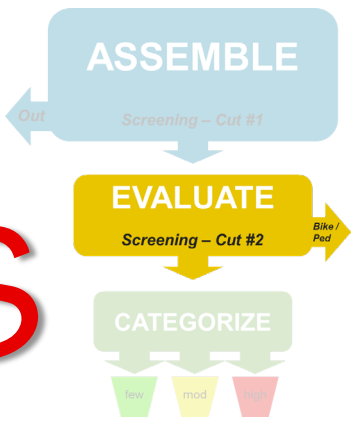
Hunter Hill Road

Bike / Ped Only

## 2. EVALUATE

# EXAMPLES

Bicycle / Pedestrian Only



Huntington Drive / Wellington Drive

Bike / Ped Only

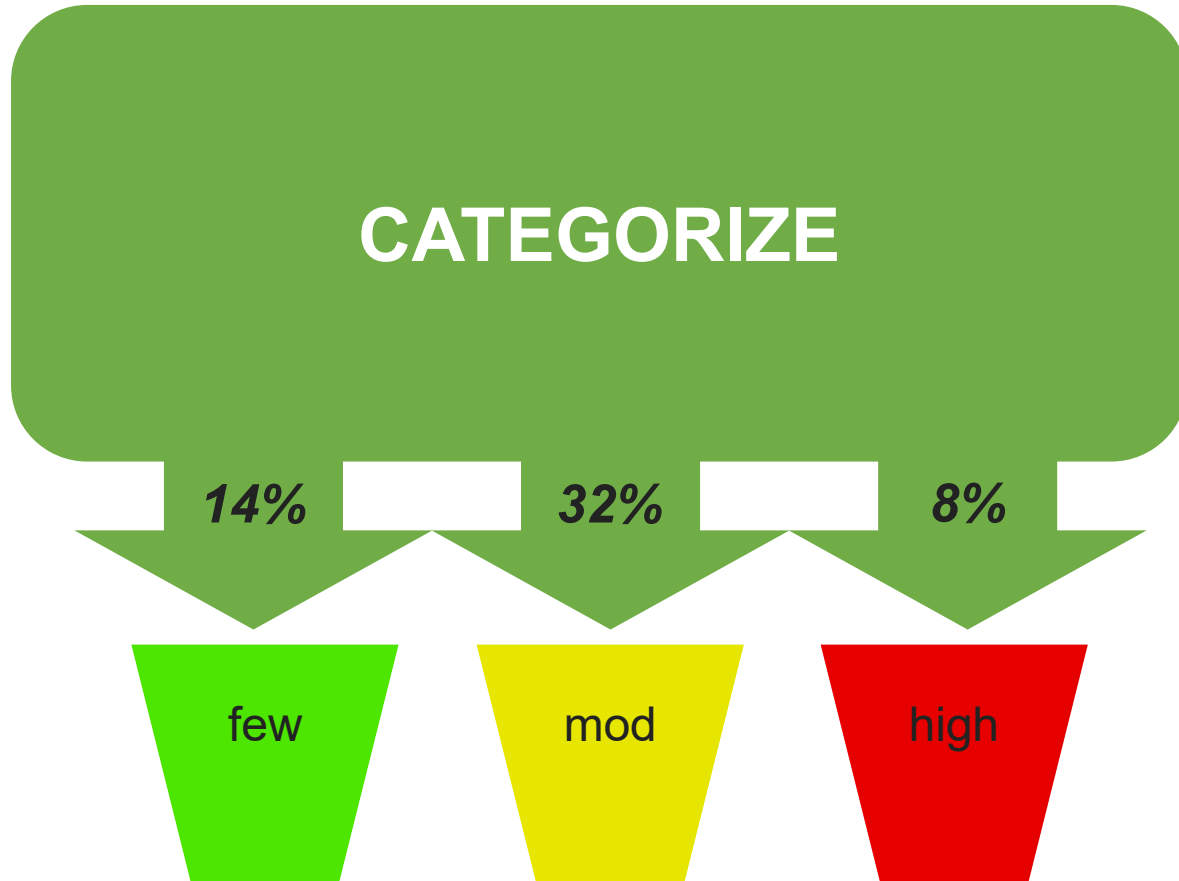


Ward Street

Bike / Ped Only

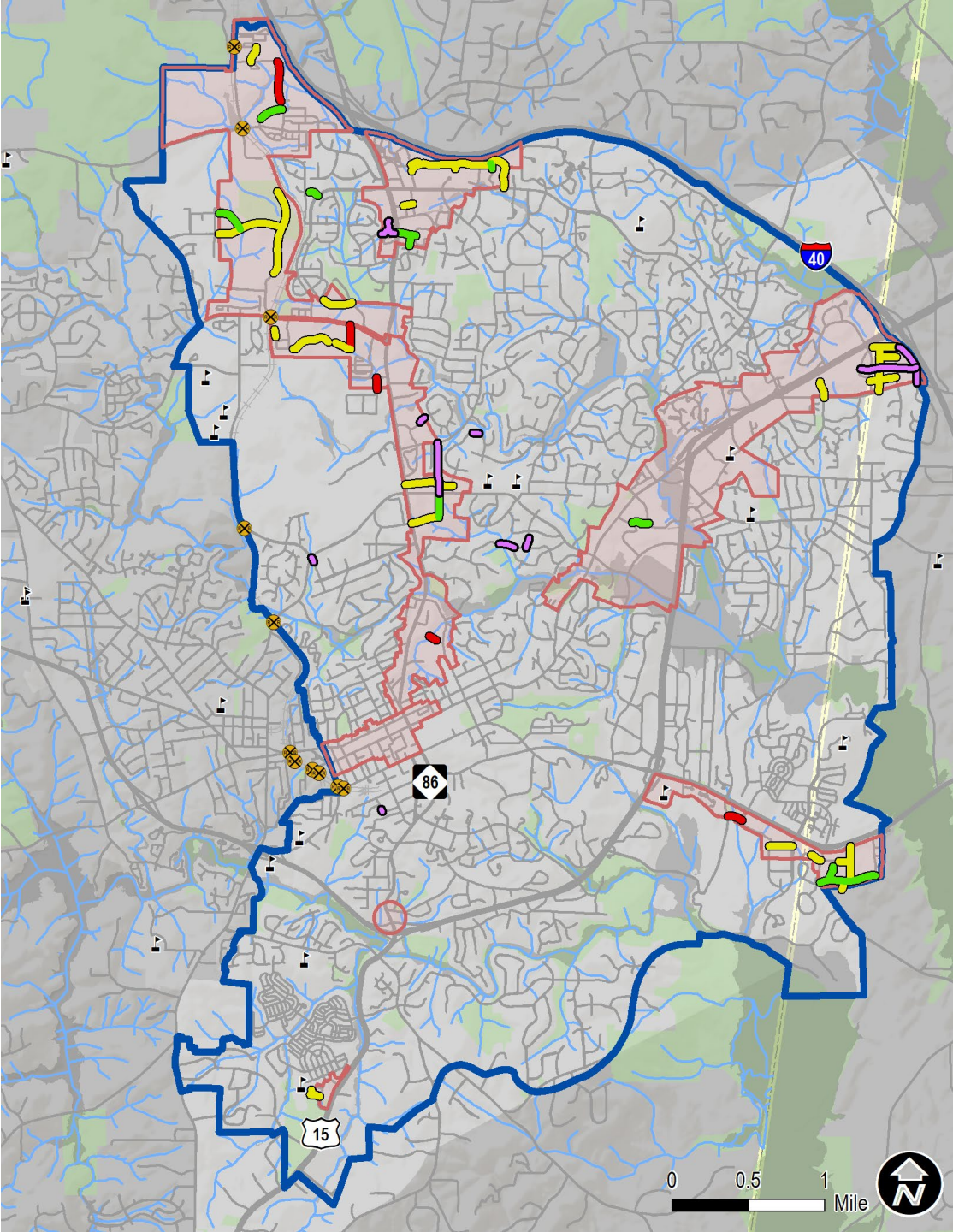


# WHAT process did we follow?

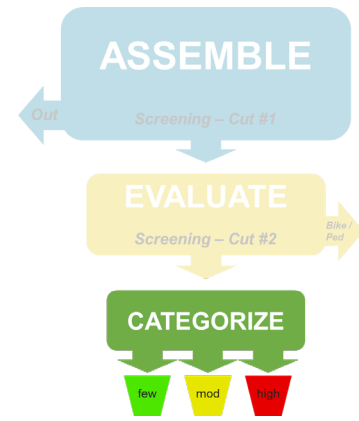


### 3. **CATEGORIZE:** based on constructability

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



# (3) CATEGORIZE



Based on ‘constructability’

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

**40 potential connections remain**

**12** Bike/Ped Connection Only





Butterfield Court

Few Constraints



Old University Station Road

Moderate Constraints

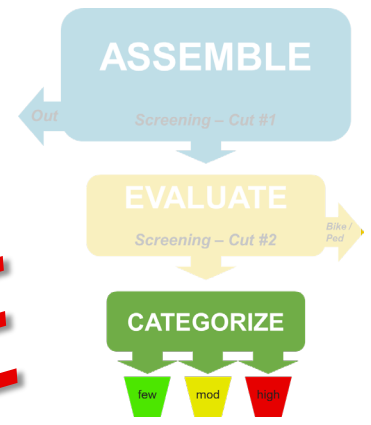


Homestead Road near Weaver Dairy Rd Ext

High Constraints

# 3. CATEGORIZE

# EXAMPLE



'Buckets' relating to constructability

# 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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