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Planning and Zoning  
Application Forms

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- 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

Draft

**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

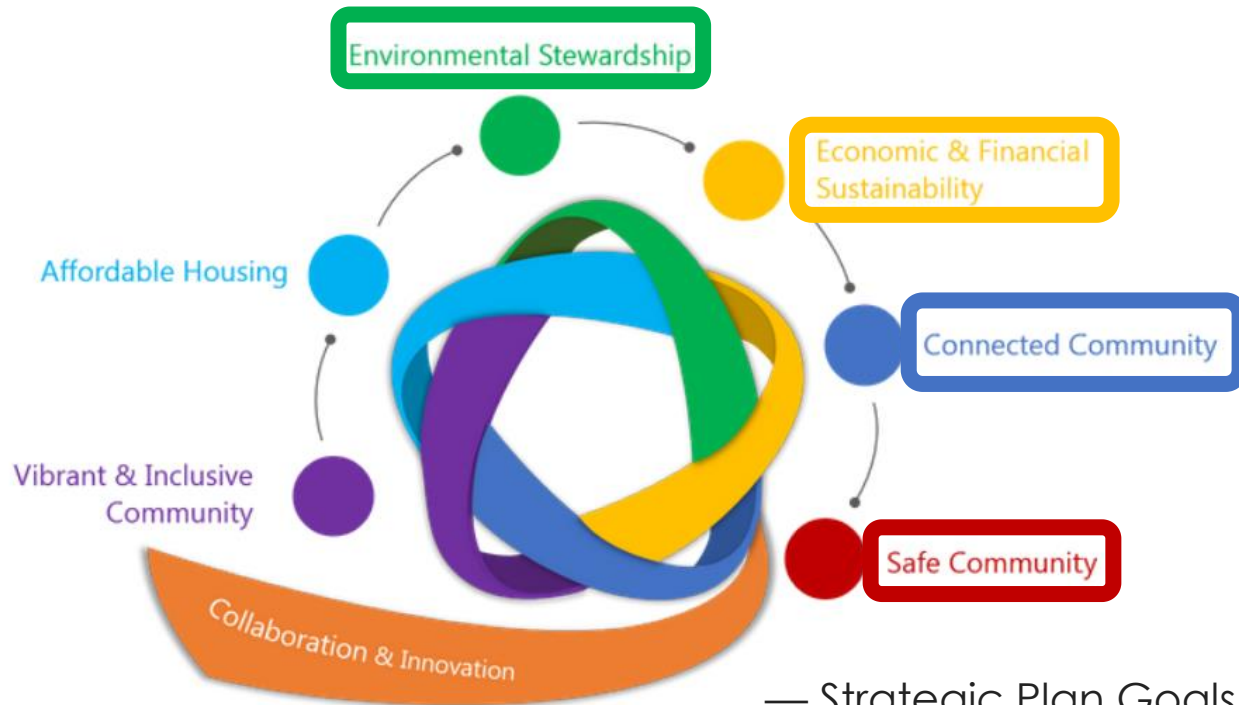
- seeking best practices of **connecting communities** for all modes

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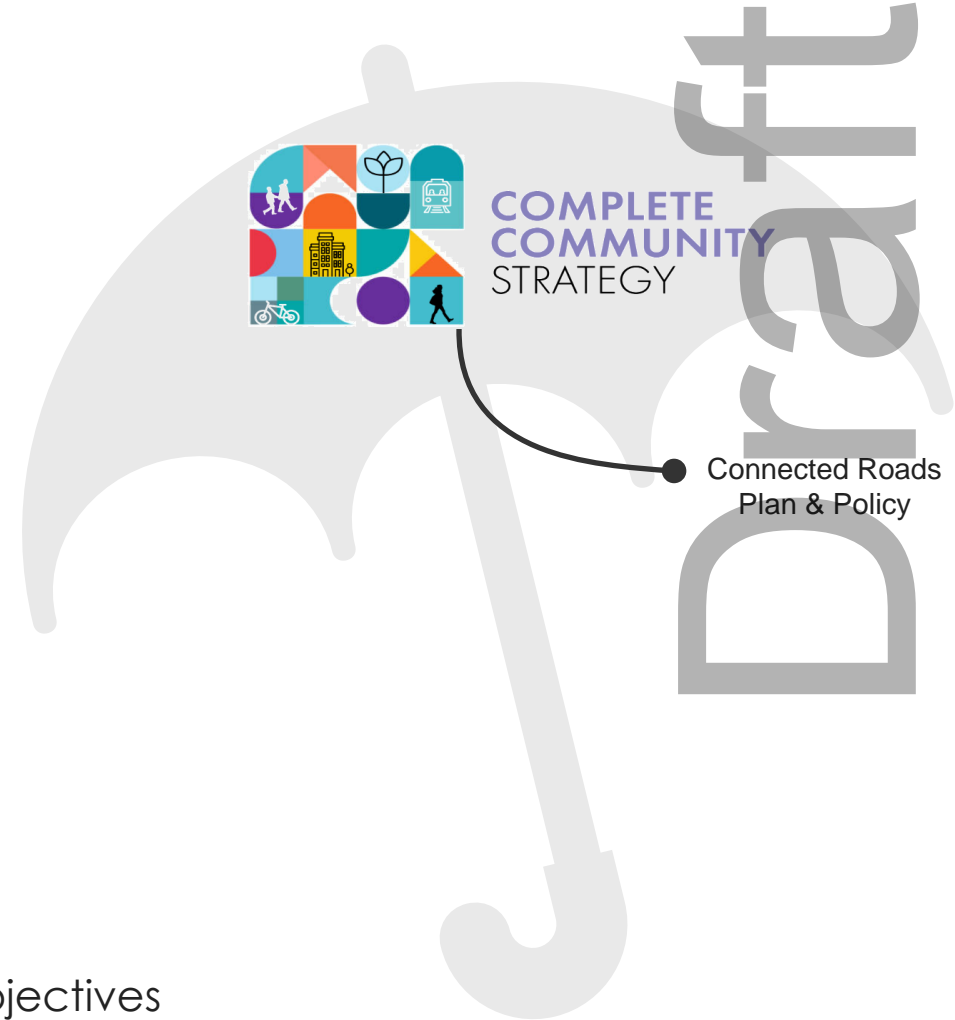
# WHY is this important?



TOWN OF CHAPEL HILL is committed to...



— Strategic Plan Goals & Objectives





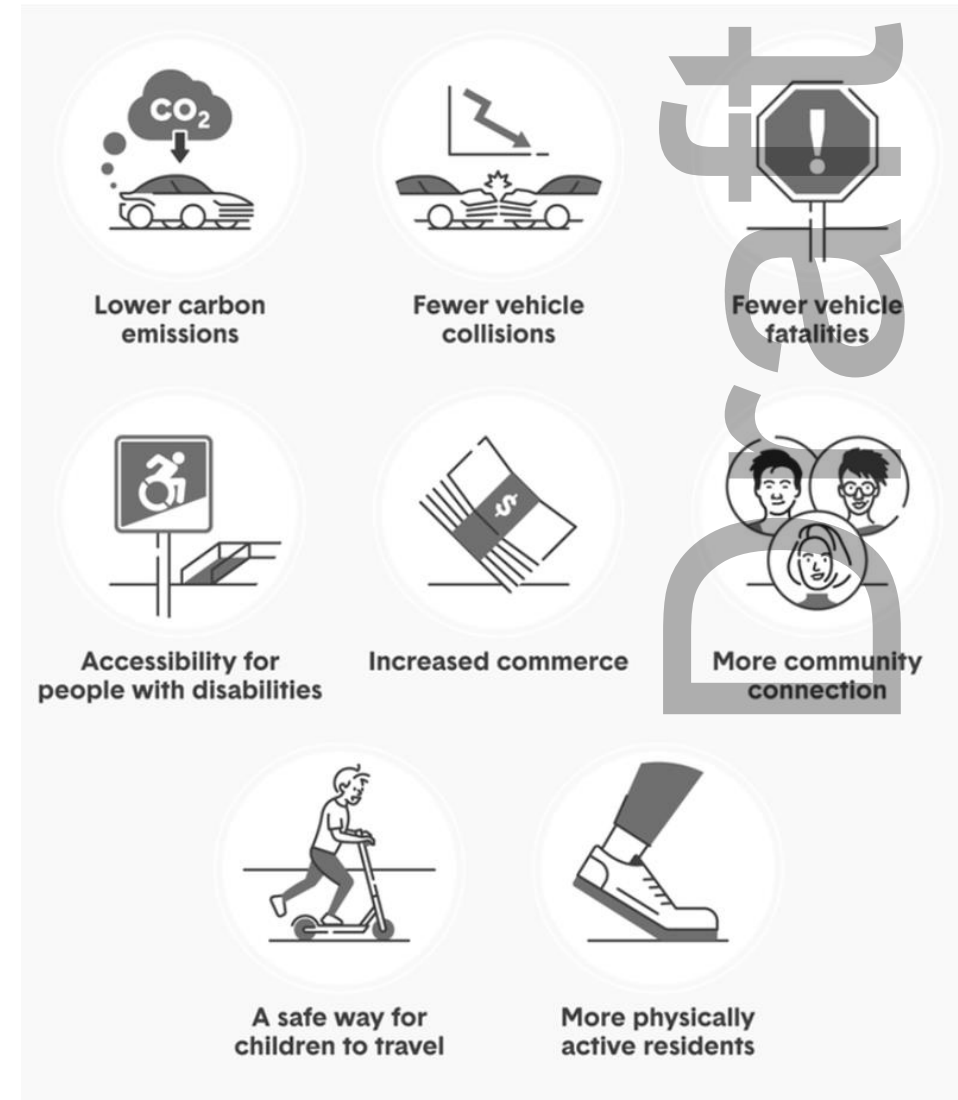
# WHAT are the benefits?

## DIRECT BENEFITS:

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

## INDIRECT BENEFITS:

- Safety
- Delay at intersections
- Mode choice
- Emissions



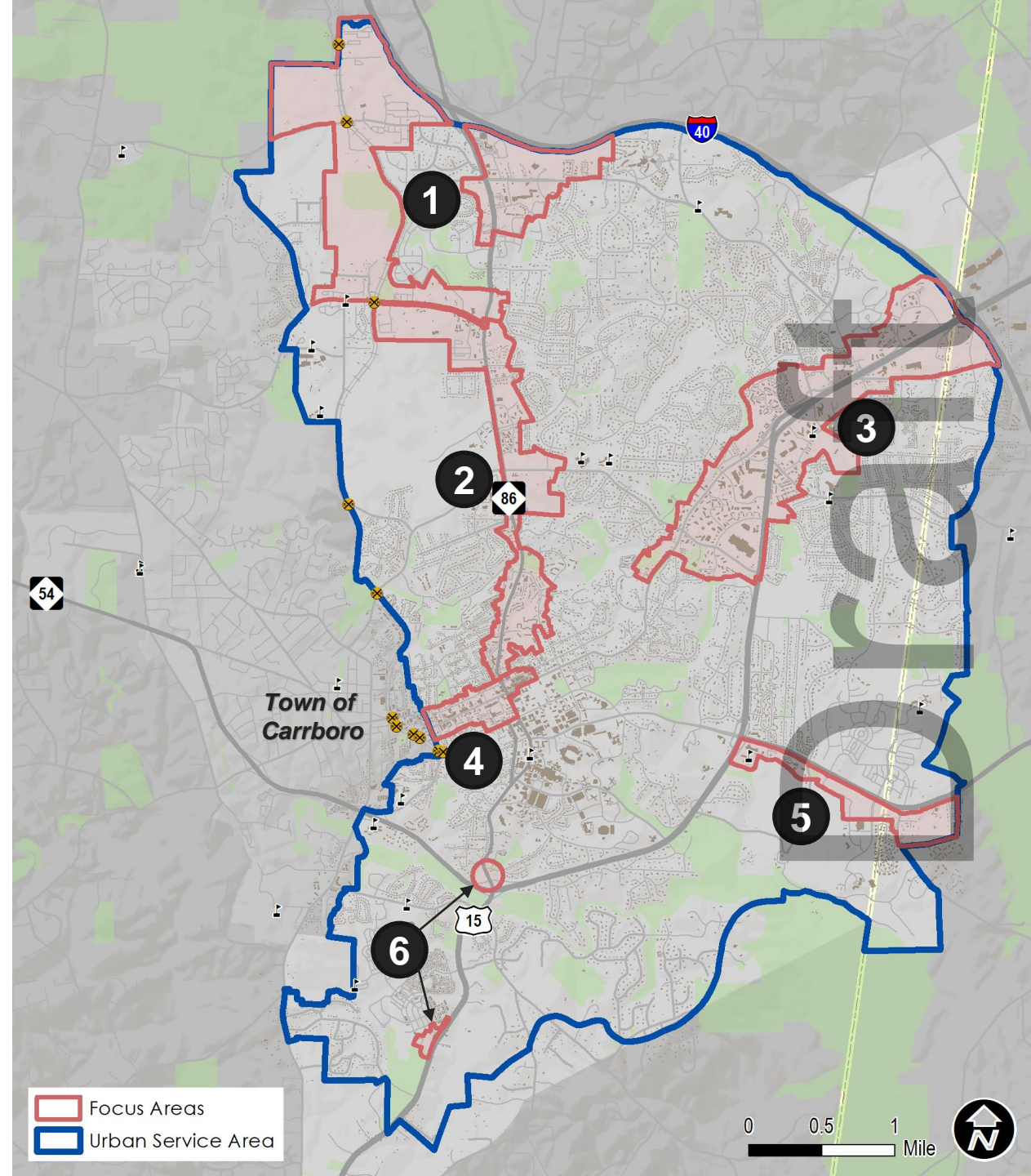




# WHERE are we prioritizing connections?

Potential for new mixed-use development (growth)

Major corridors are constraint to greater connection







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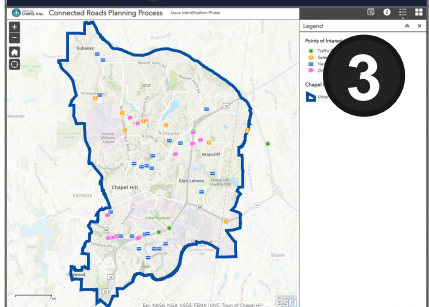
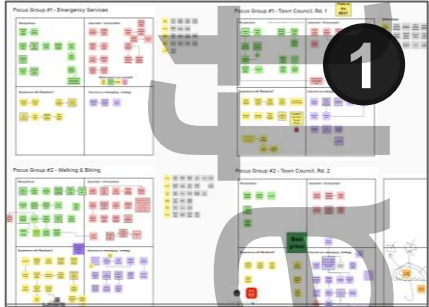


# HOW did we proceed?

## 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



# 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



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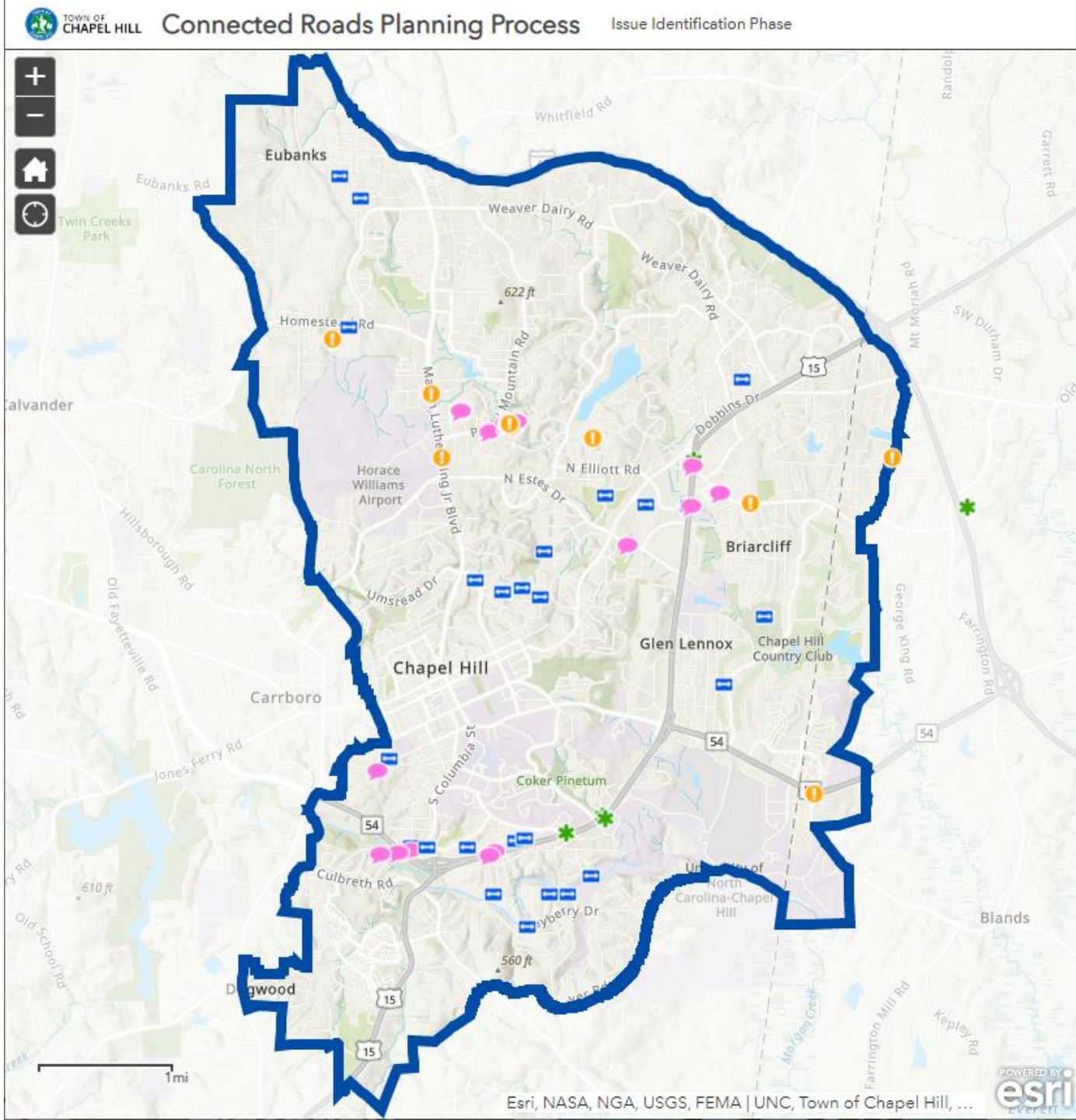


# Interactive Map

## 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

# Draft







**you  
spoke**  
we  
listened

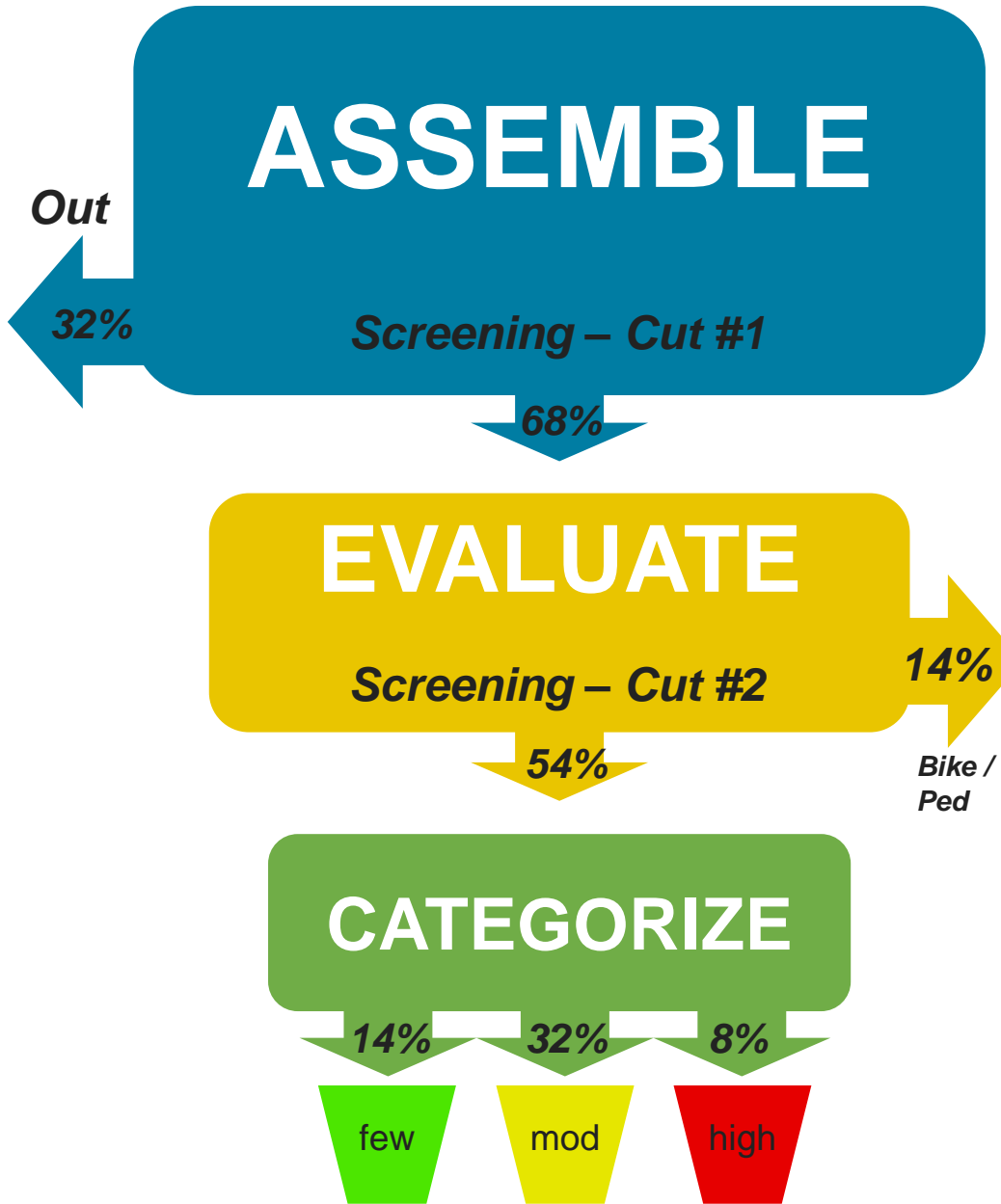
# WHAT did we hear?

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

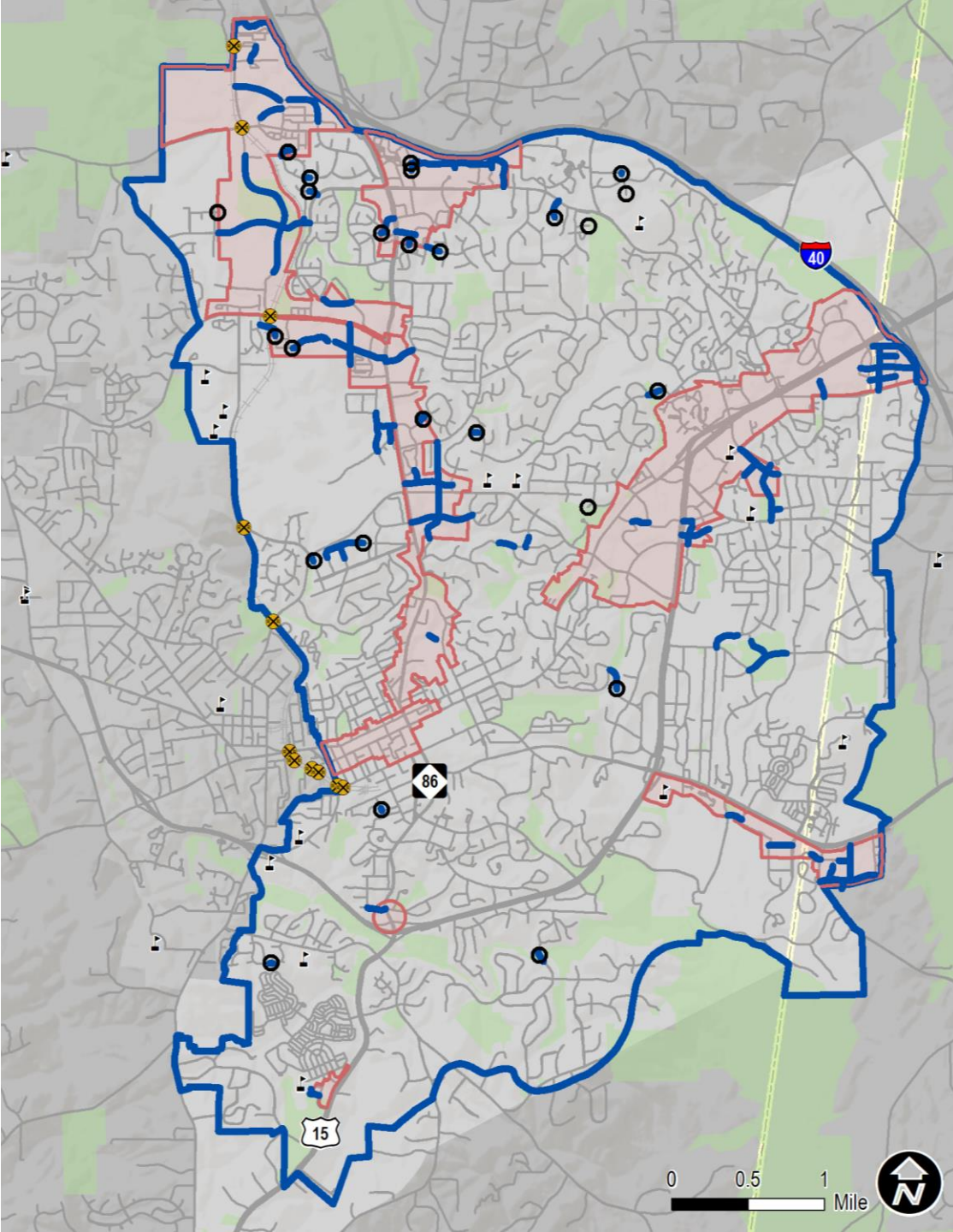


# WHAT process did we follow?

- 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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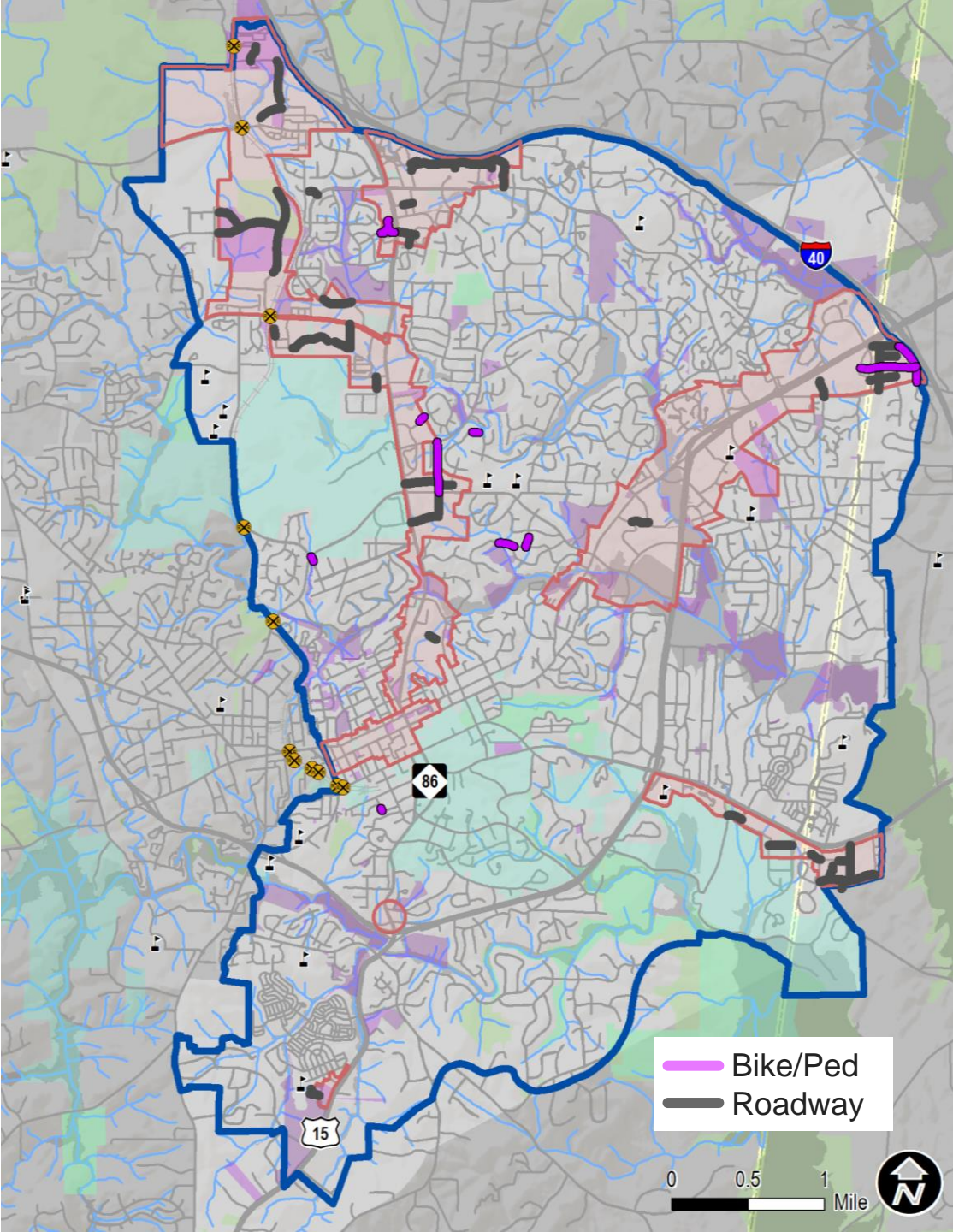
# (1) ASSEMBLE

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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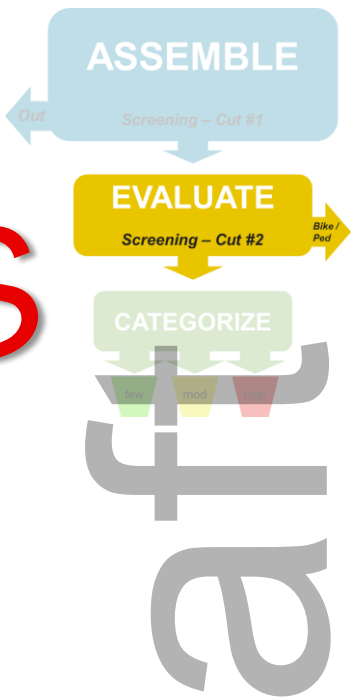
Hunter Hill Road

Bike / Ped Only

## 2. EVALUATE

# EXAMPLES

Bicycle / Pedestrian Only



Huntington Drive / Wellington Drive

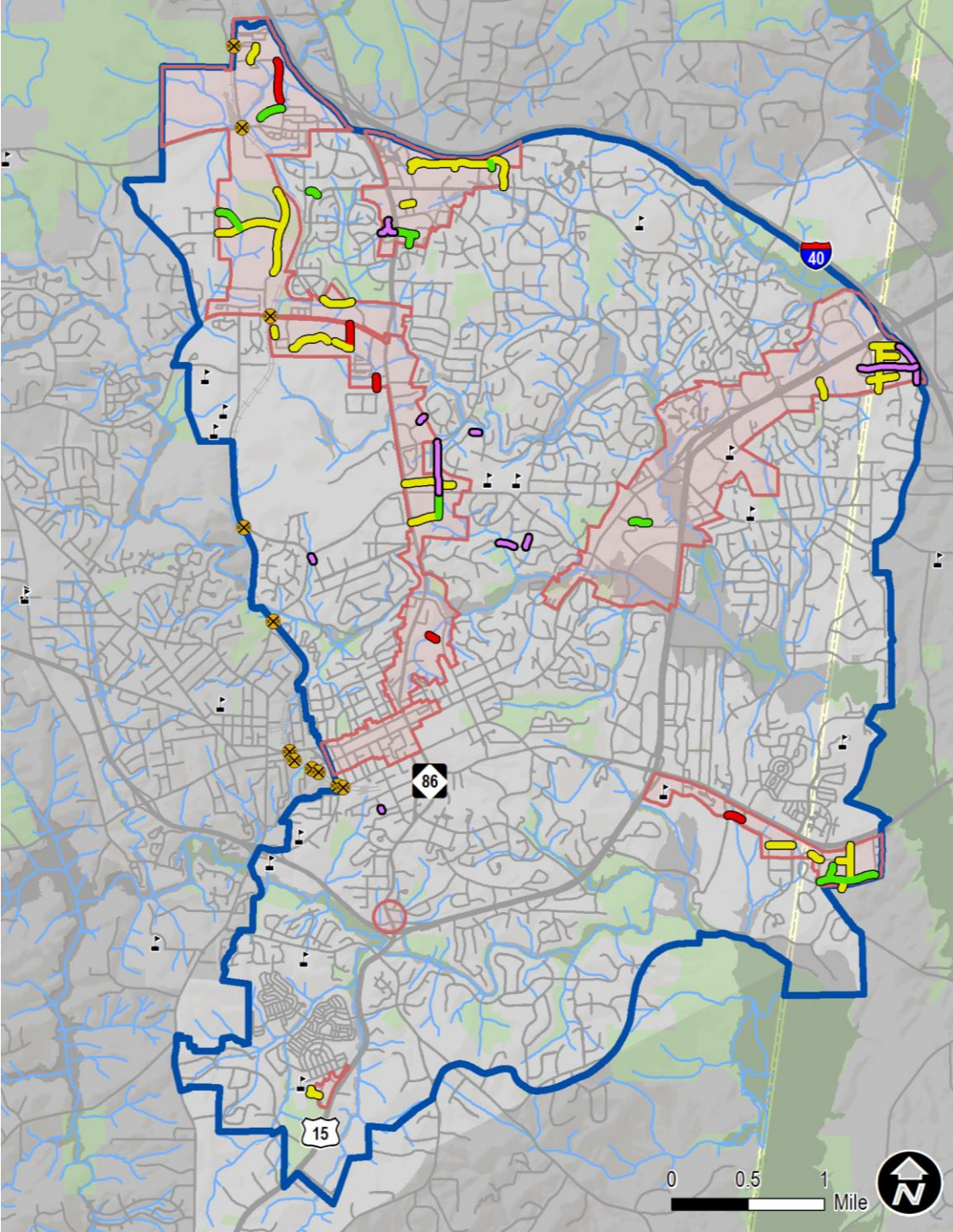
Bike / Ped Only



Ward Street

Bike / Ped Only





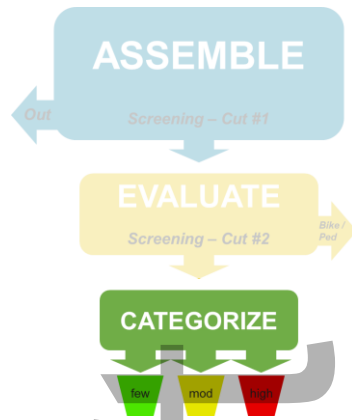
# (3) CATEGORIZE

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

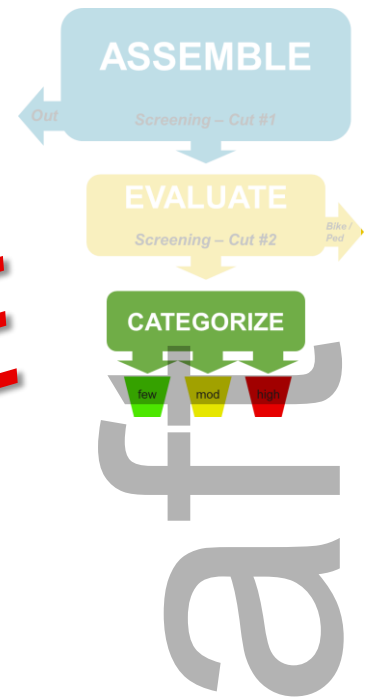


Homestead Road near Weaver Dairy Rd Ext

### 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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