



# **Harrisburg CTP**

Existing Conditions Summary

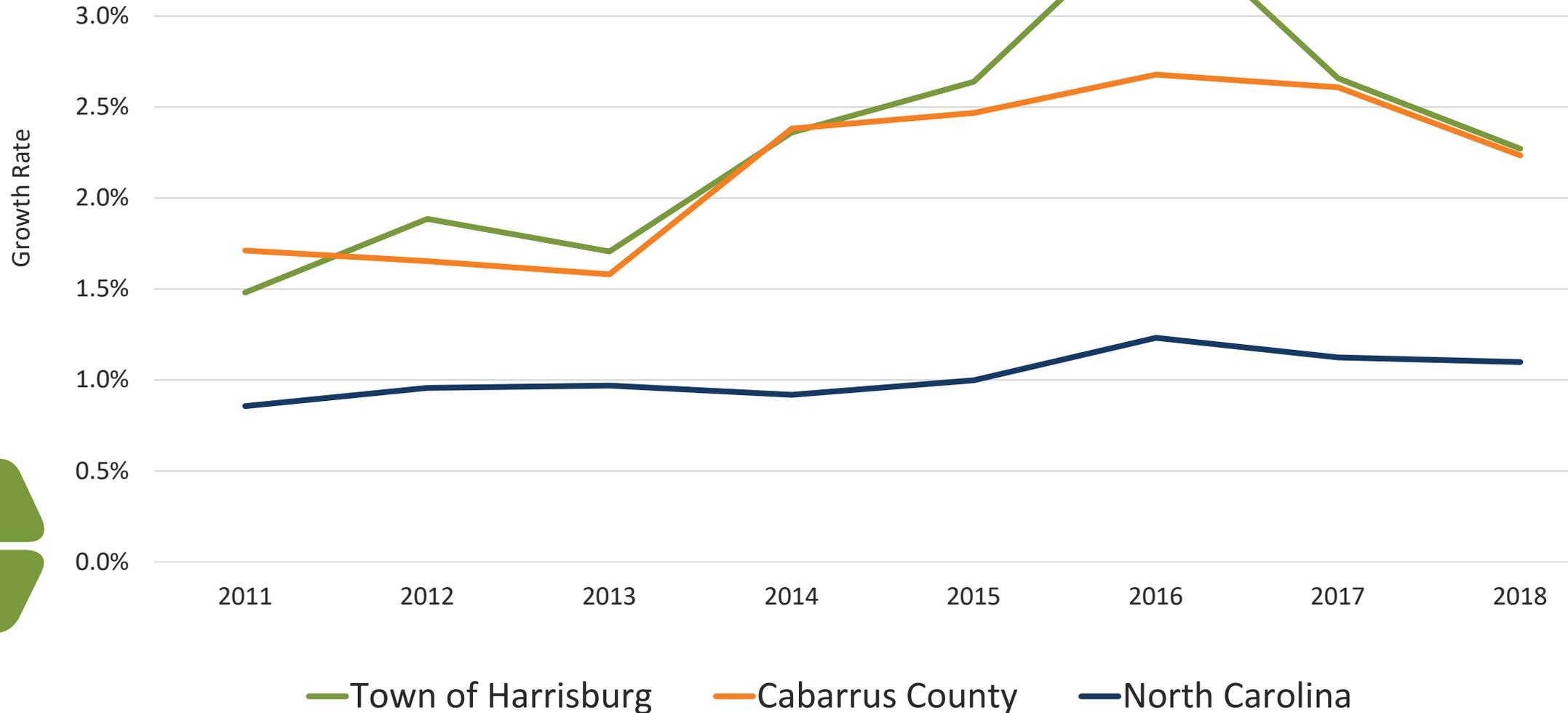
September 3, 2019

# WHO ARE WE?

- Continuing growth at a more manageable rate
- Increasing diversity
- Largely made up of families
- Highly educated and prosperous



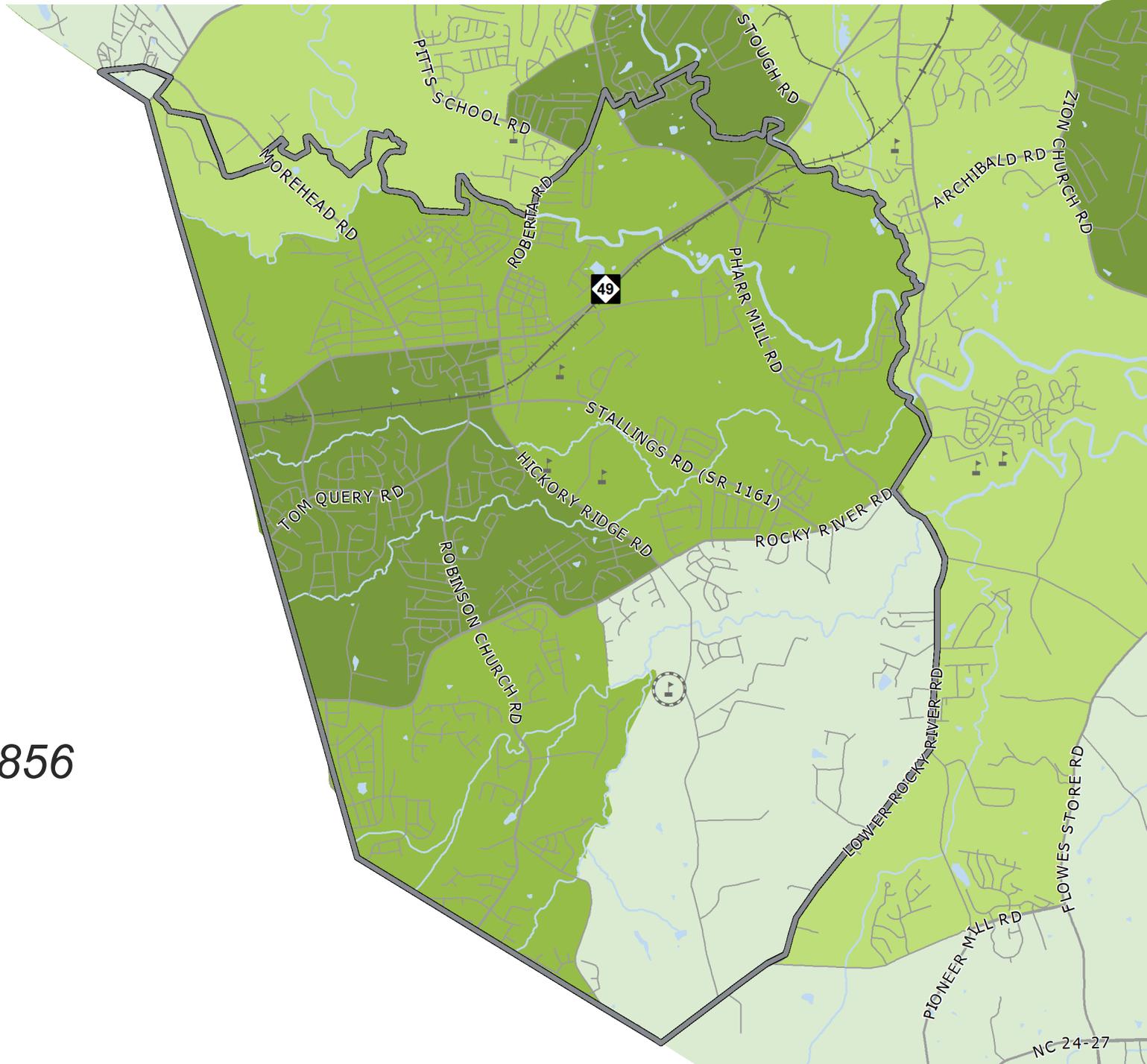
# Population Growth



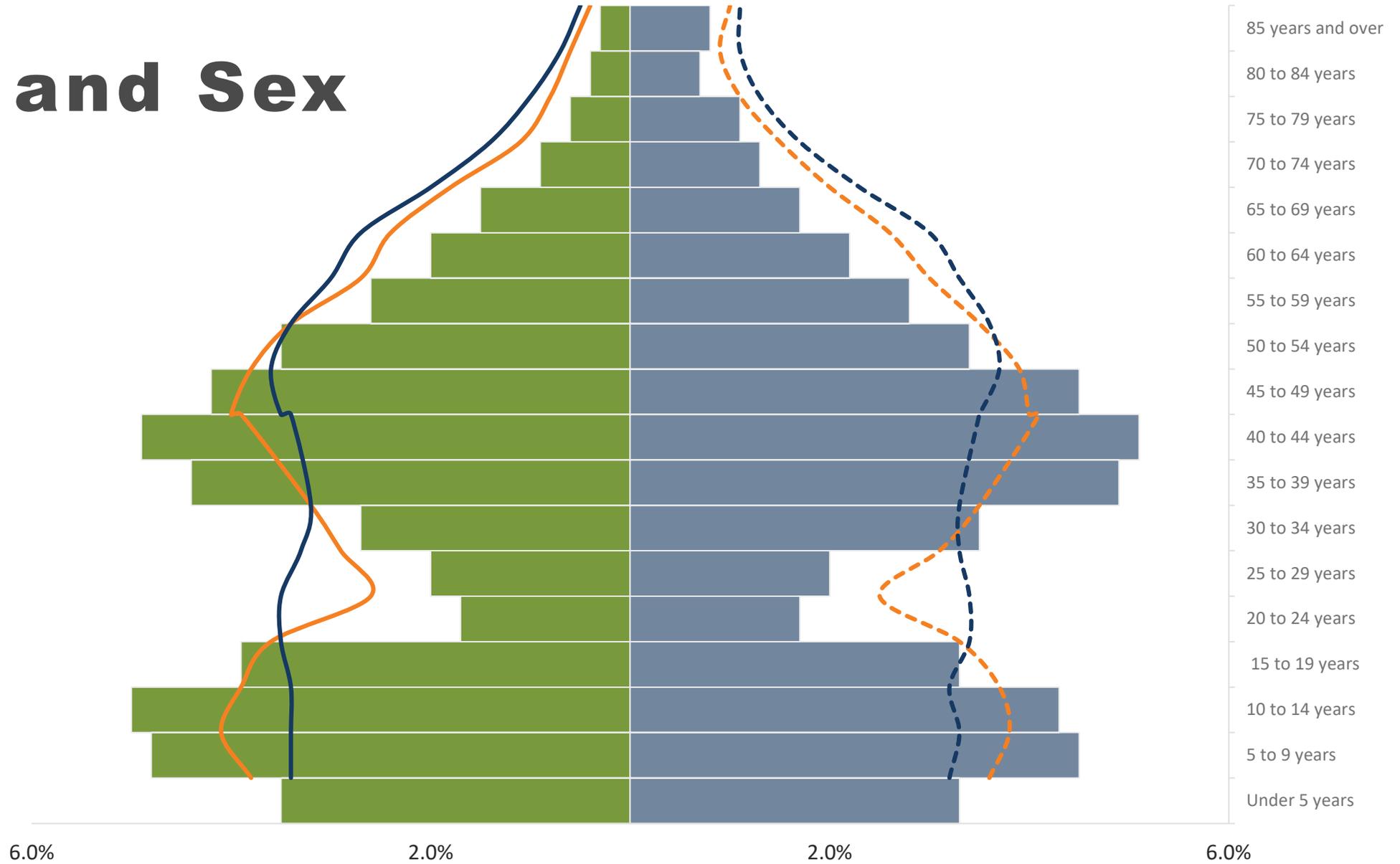
# Population Density

(by Block Groups)

*Total Population (2018): 14,856*



# Age and Sex

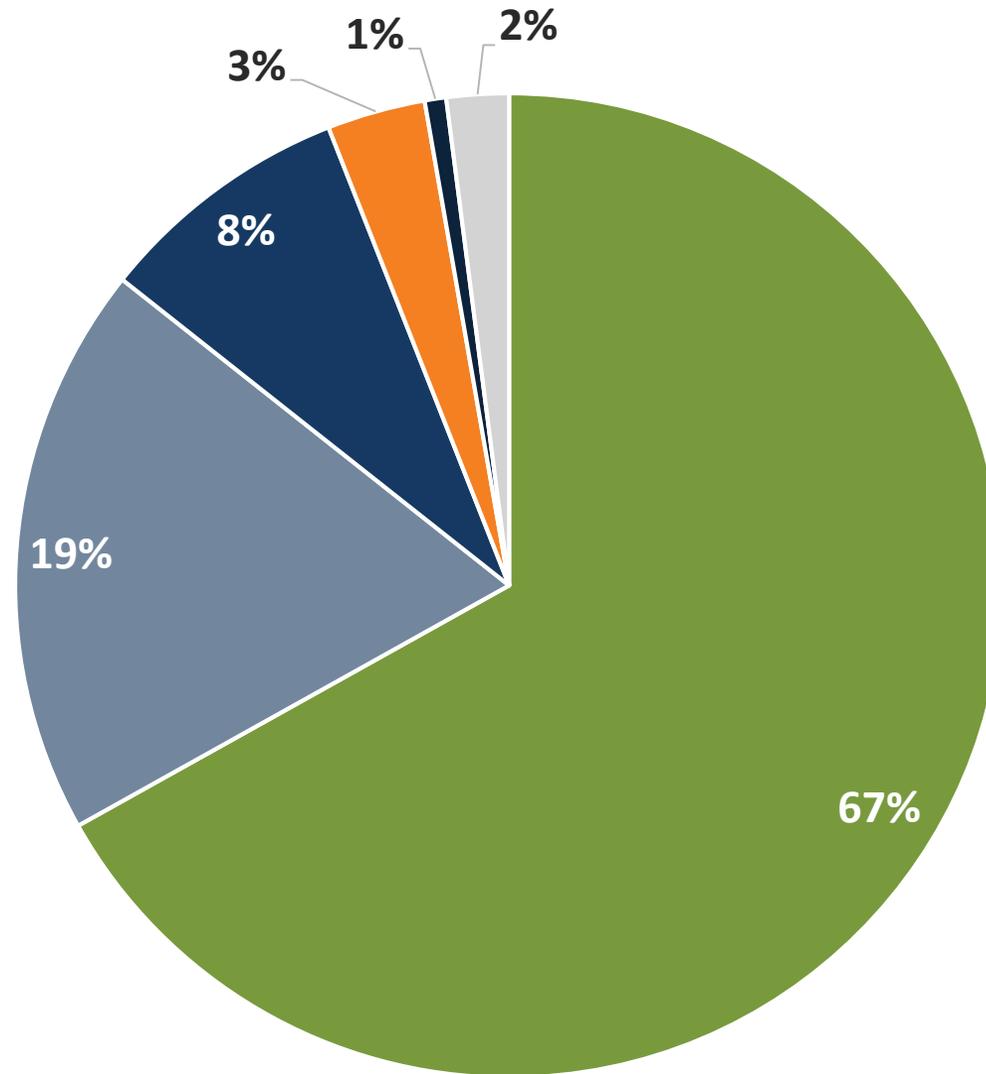


■ Harrisburg Male  
- - Cabarrus Female

■ Harrisburg Female  
— North Carolina Male

— Cabarrus Male  
- - North Carolina Female

# Diversity



■ White ■ African American ■ Asian ■ Hispanic/Latino ■ Native American ■ Other

## Legend

- Less than \$40,000
- \$40,000 - \$60,000
- \$60,000 - \$80,000
- \$80,000 - \$100,000
- Greater than \$100,000

Existing School

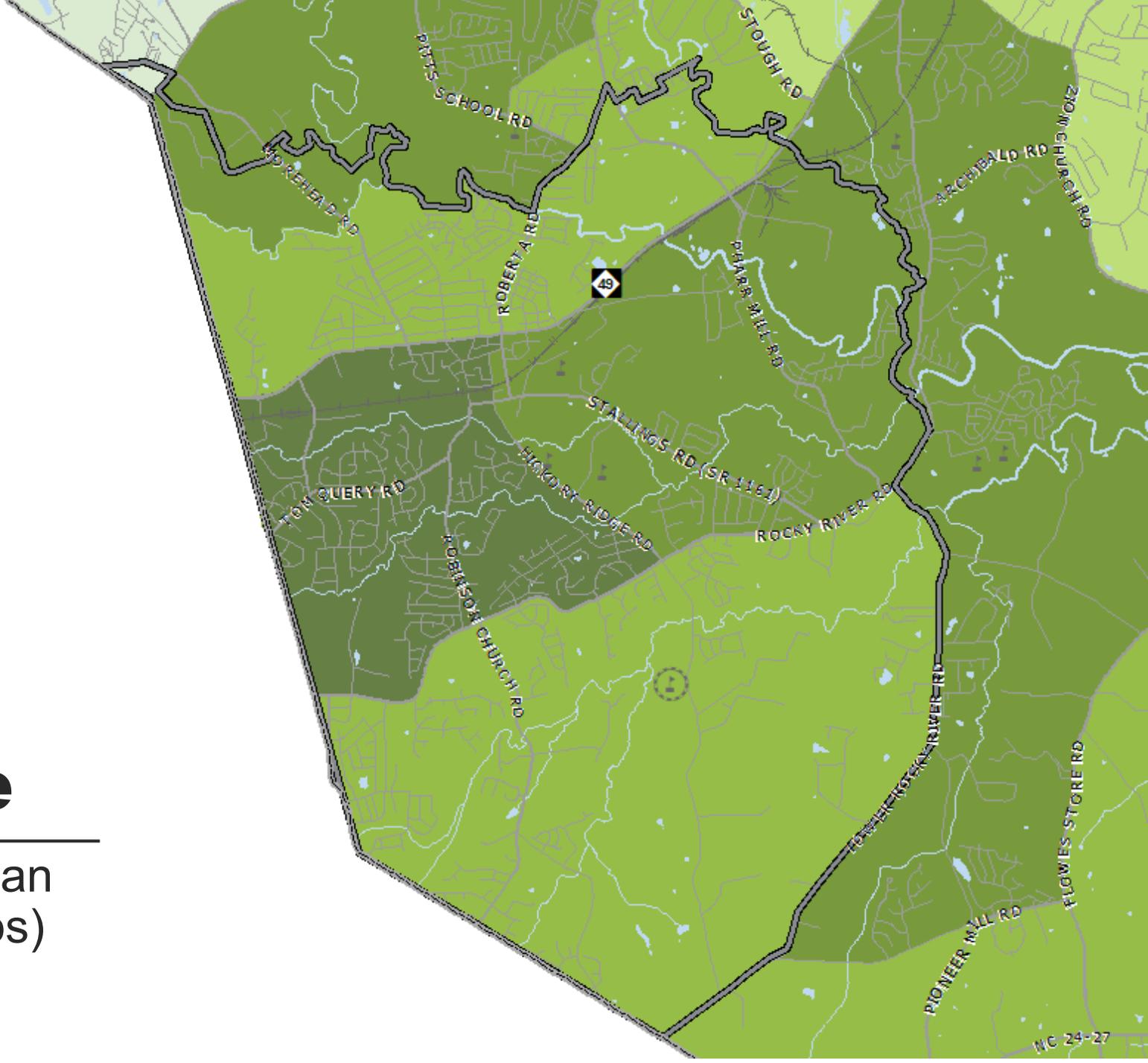
Future School

Harrisburg Planning Area

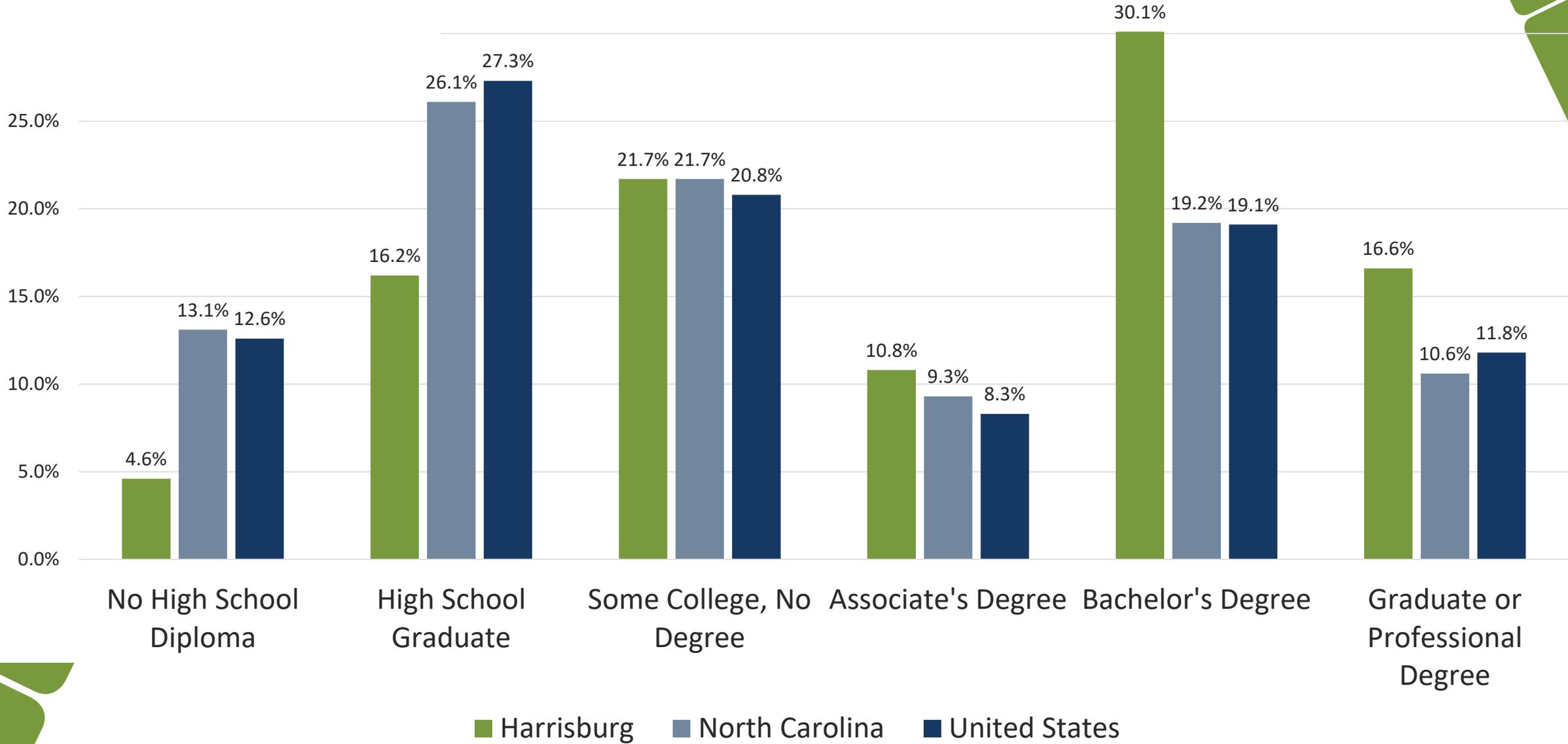
County Boundary

# Income

Household Median  
(by Block Groups)



# Education

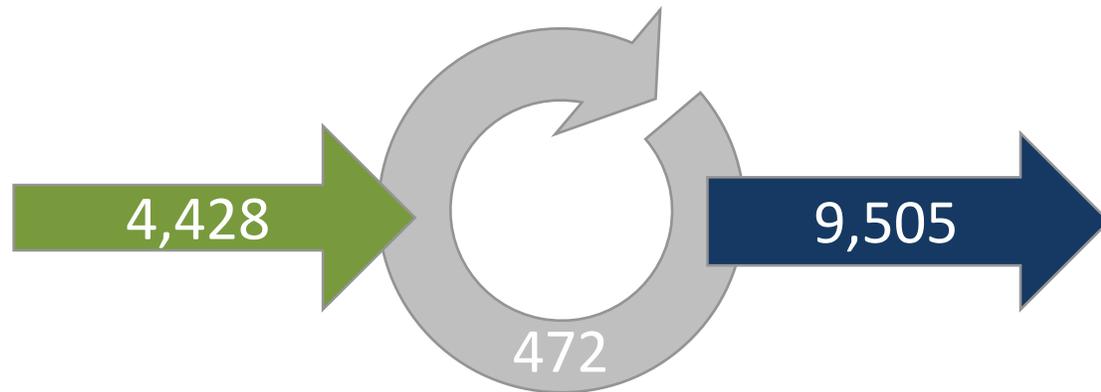
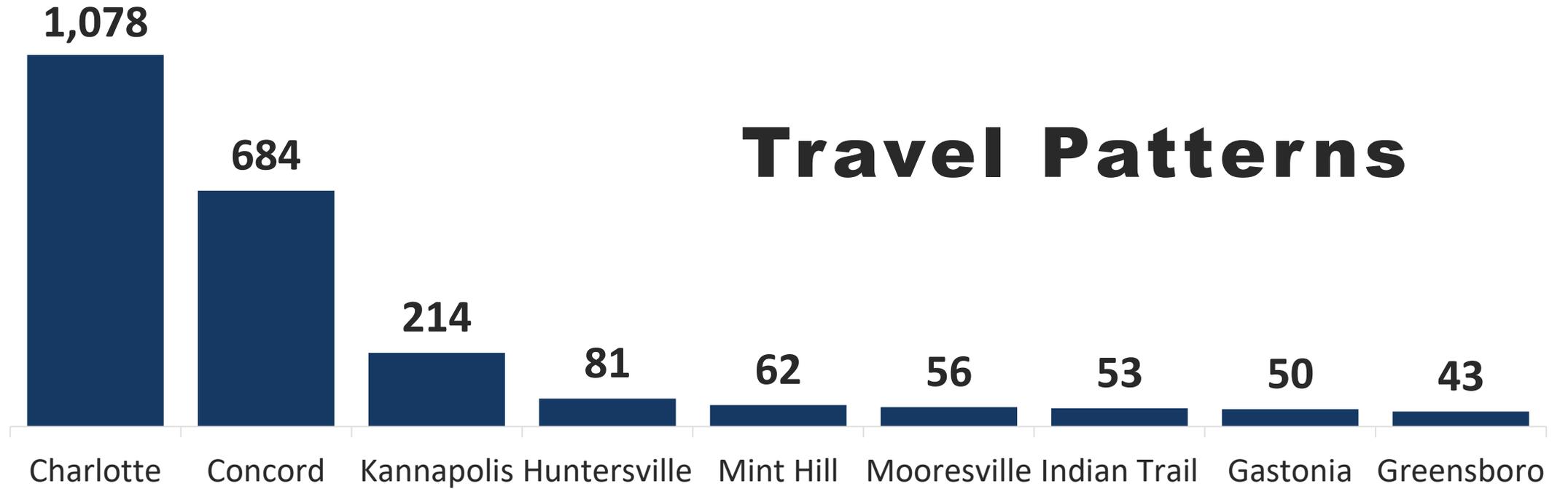


# WHERE ARE WE GOING?

- Most residents work elsewhere in the region, primarily Charlotte and Concord
- Most jobs in Harrisburg are located in the Town Center and along NC 49



# Travel Patterns



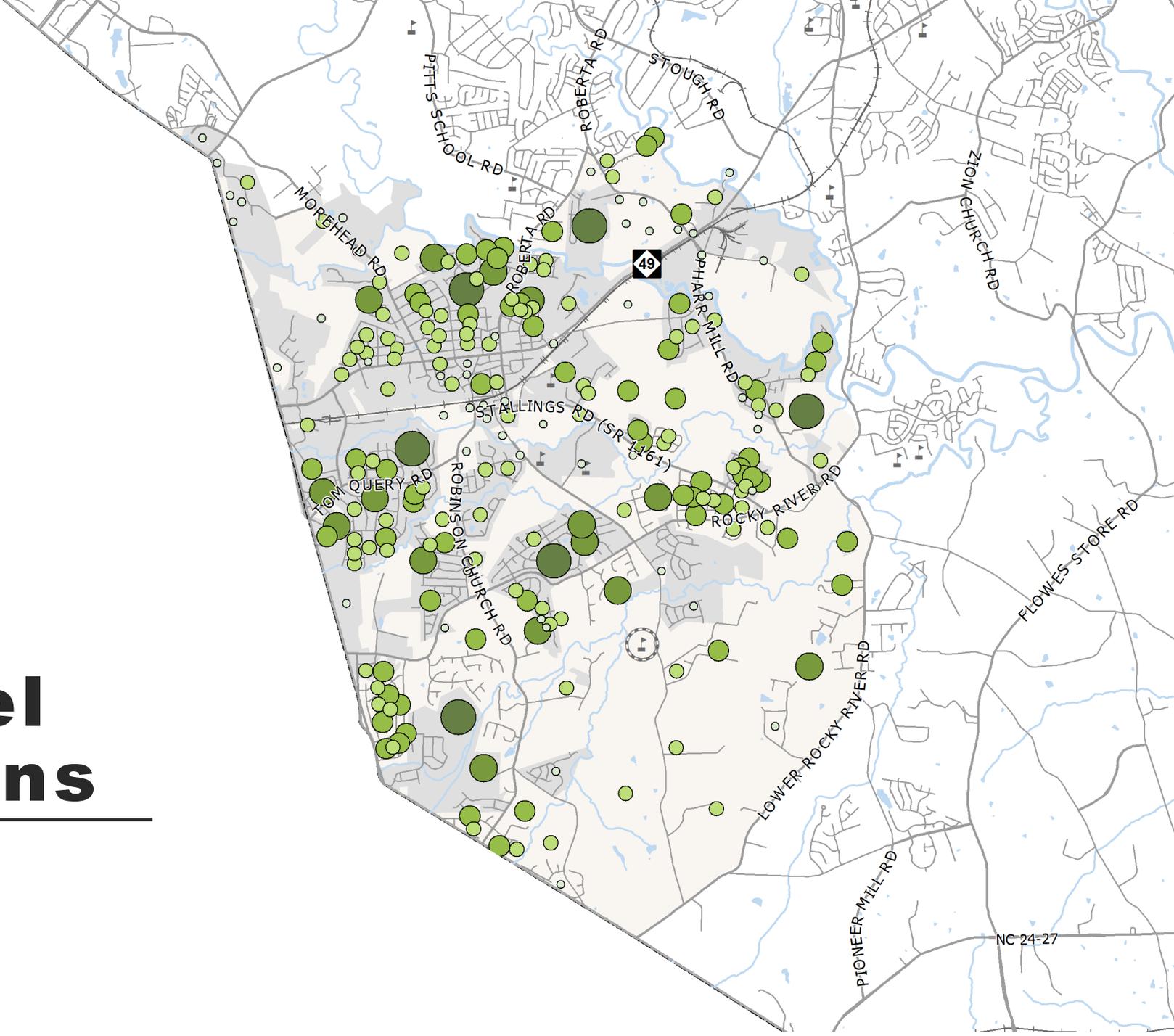
- Live Elsewhere and Work in Harrisburg
- Live and Work in Harrisburg
- Live in Harrisburg and Work Elsewhere

# Legend

- 1-5 Jobs
- 5-33 Jobs
- 34-109 Jobs
- 110-258 Jobs
- 259-503 Jobs
- ▲ Existing School
- ▲ Future School
- Town Limits
- Harrisburg Planning Area
- ▭ County Boundary

# Travel Patterns

HOME



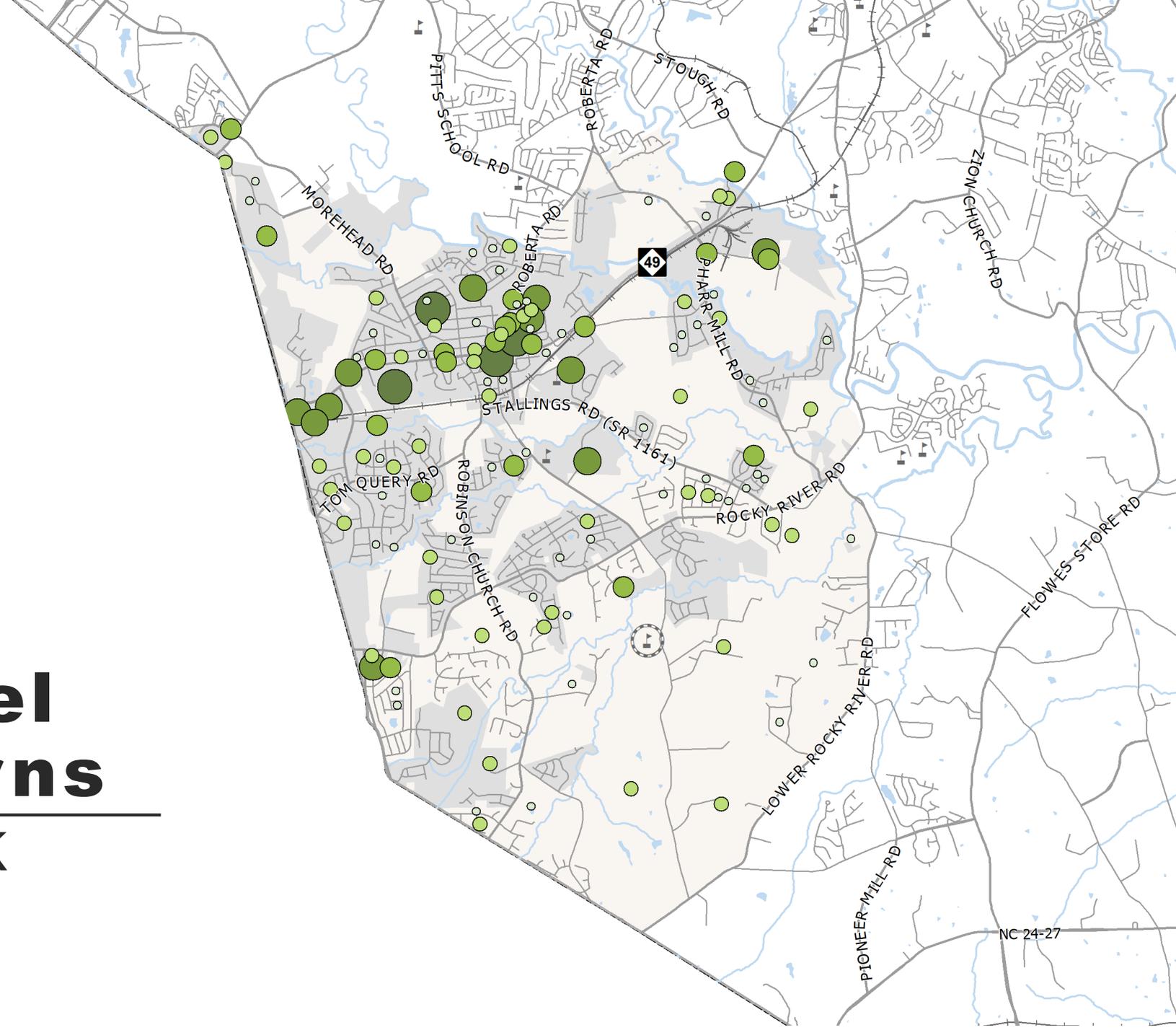
# Legend

- 1-5 Jobs
- 5-33 Jobs
- 34-109 Jobs
- 110-258 Jobs
- 259-503 Jobs
- ▲ Existing School
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# Travel Patterns

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## WORK

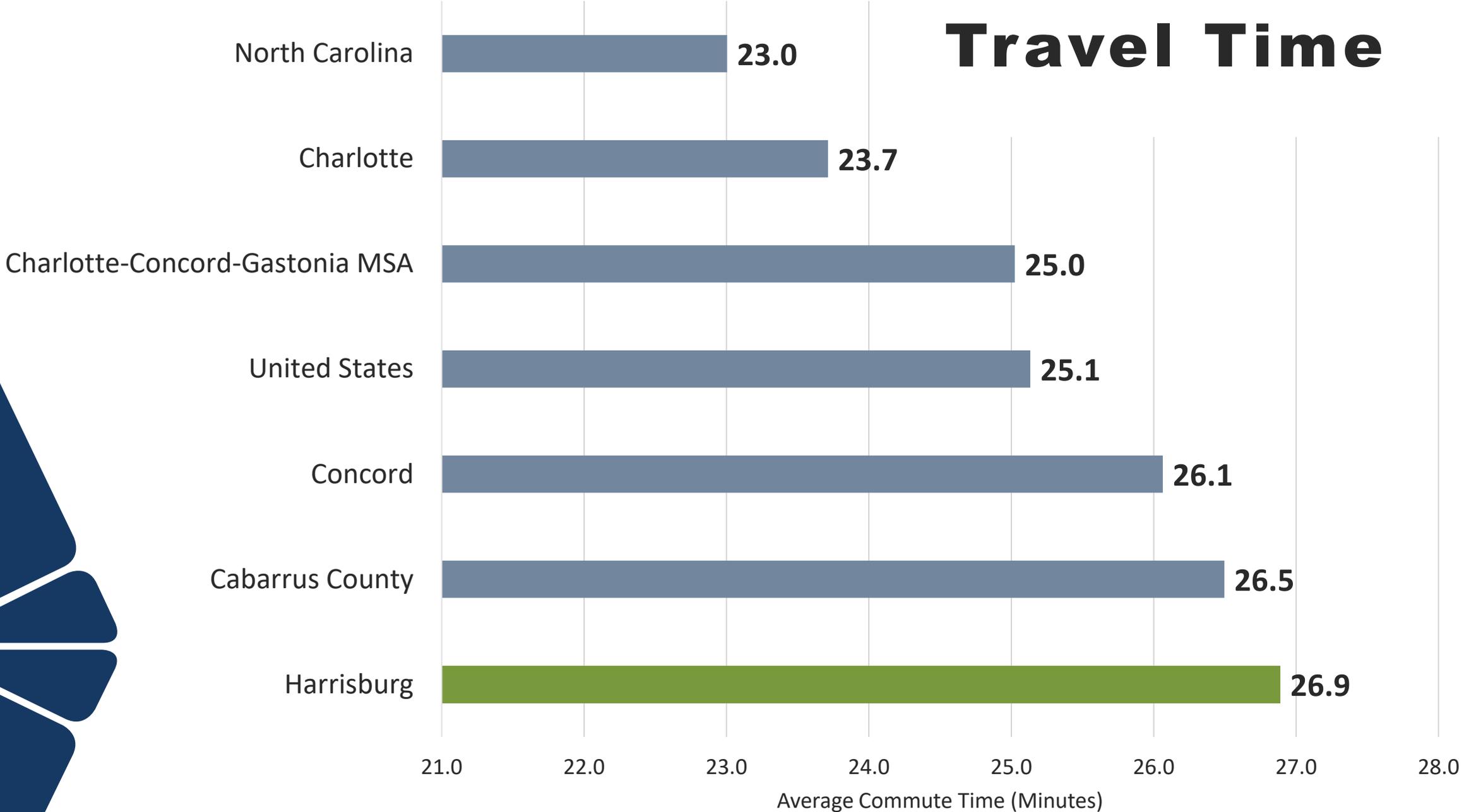


# HOW DO WE GET THERE?

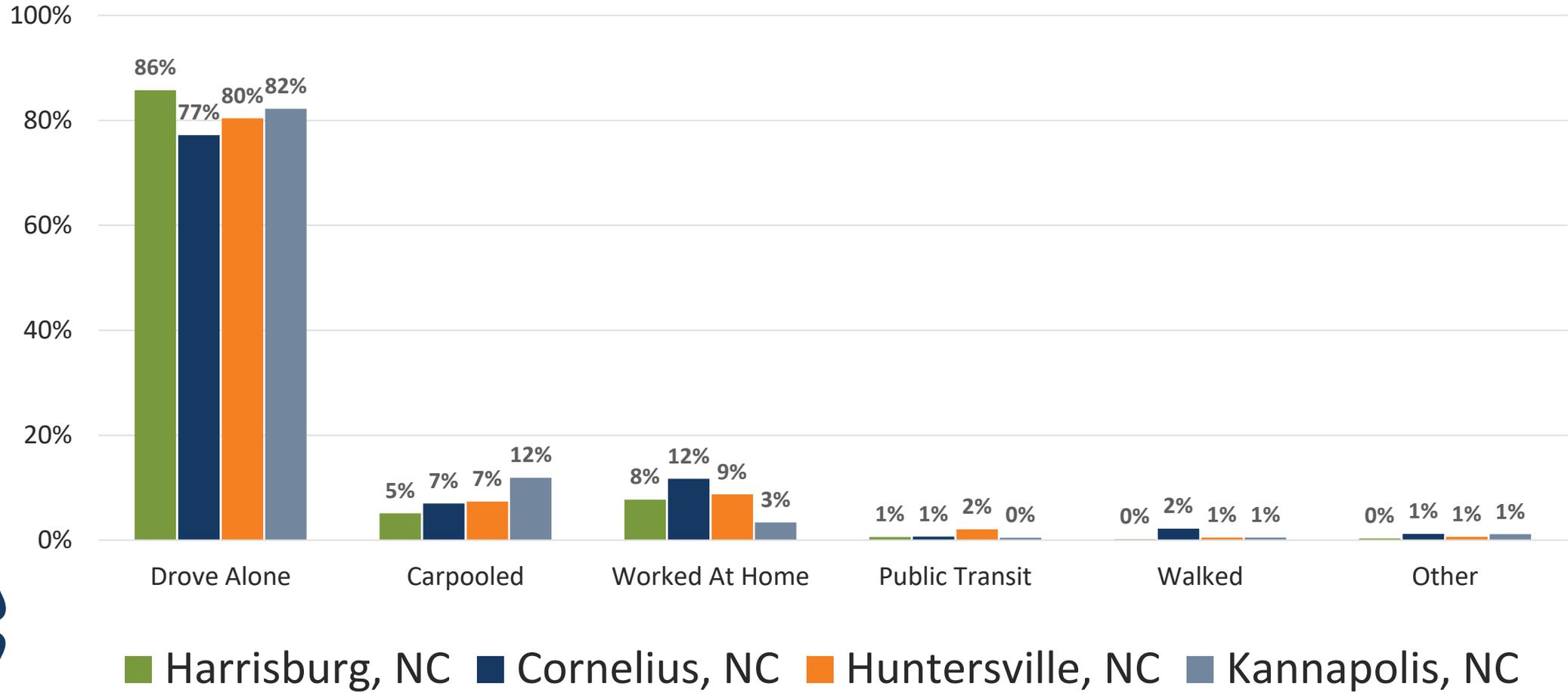
- Automobile reliant and longer commute times
- Directional congestion & increasing traffic volumes
- Growing bicycle and pedestrian network



# Travel Time



# Mode Share



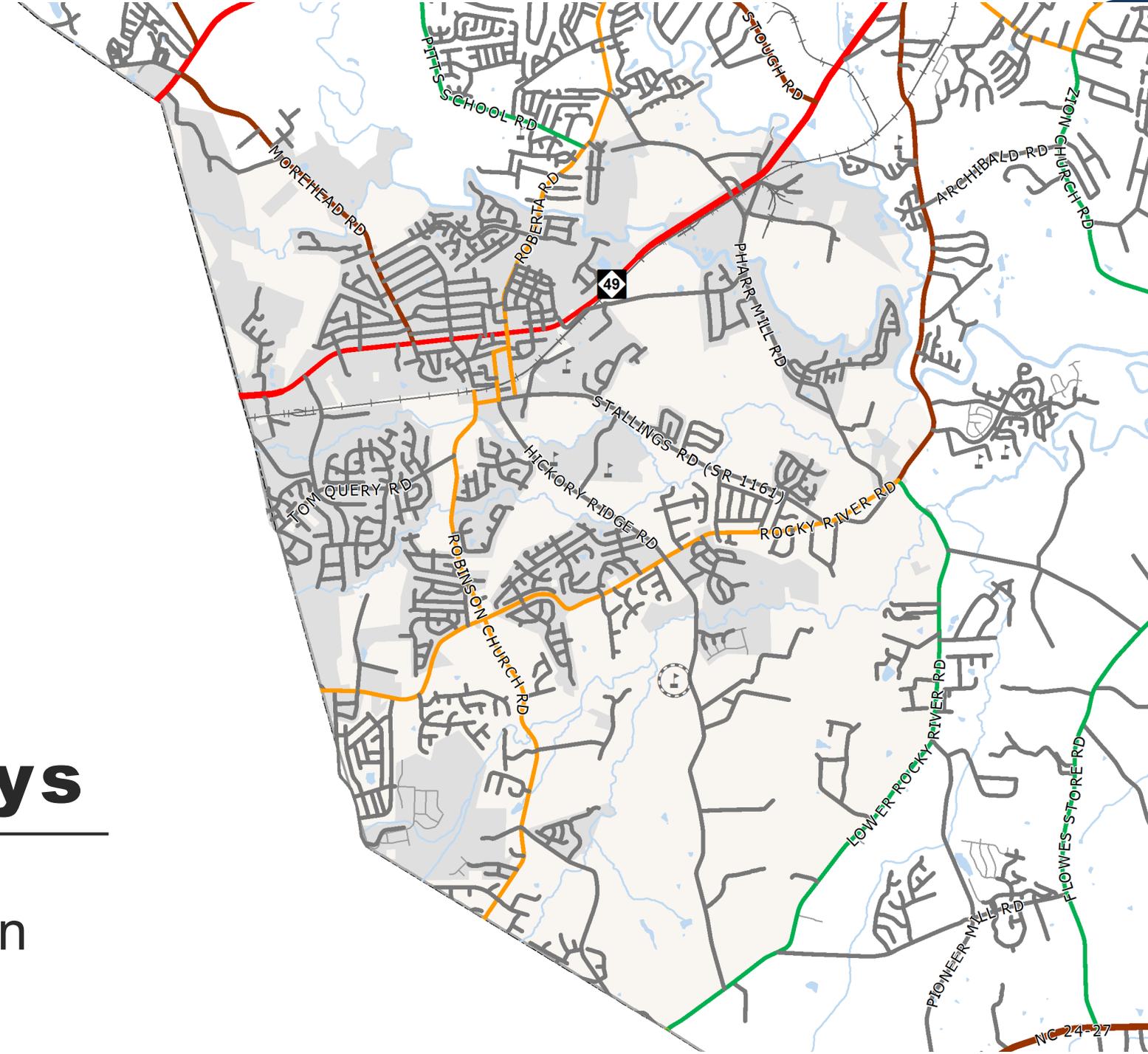
# Legend

- Interstate
- Other Freeway
- Other Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local
- Existing School
- Future School
- Town Limits
- Harrisburg Planning Area
- County Boundary

# Roadways

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## Functional Classification



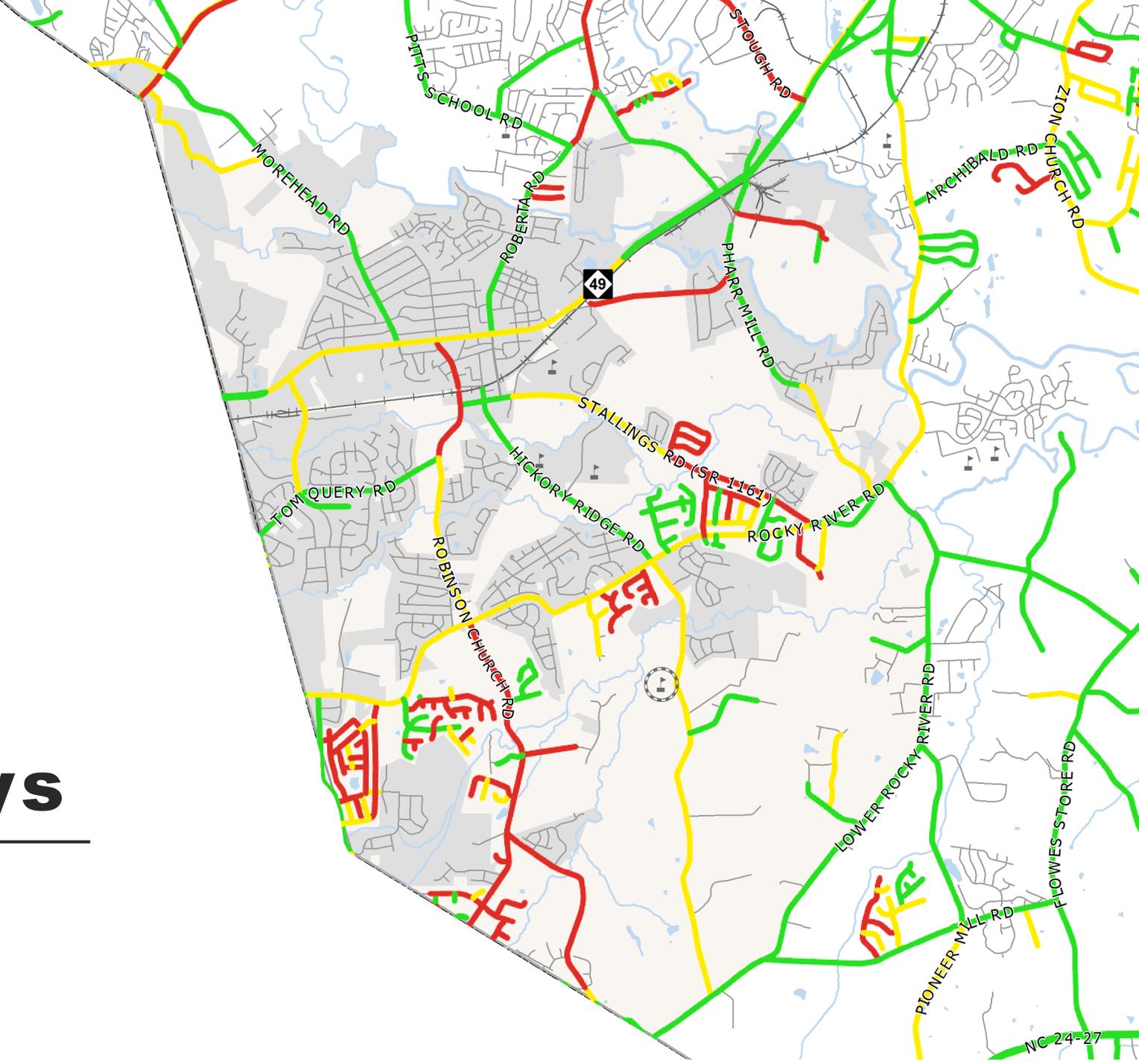
# Legend

- Poor Condition : < 60
- Fair Condition : >=60 and <80
- Good Condition : >= 80
- 🏠 Existing School
- 🕒 Future School
- Town Limits
- Harrisburg Planning Area
- ▭ County Boundary

# Roadways

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## Pavement Condition



# Legend

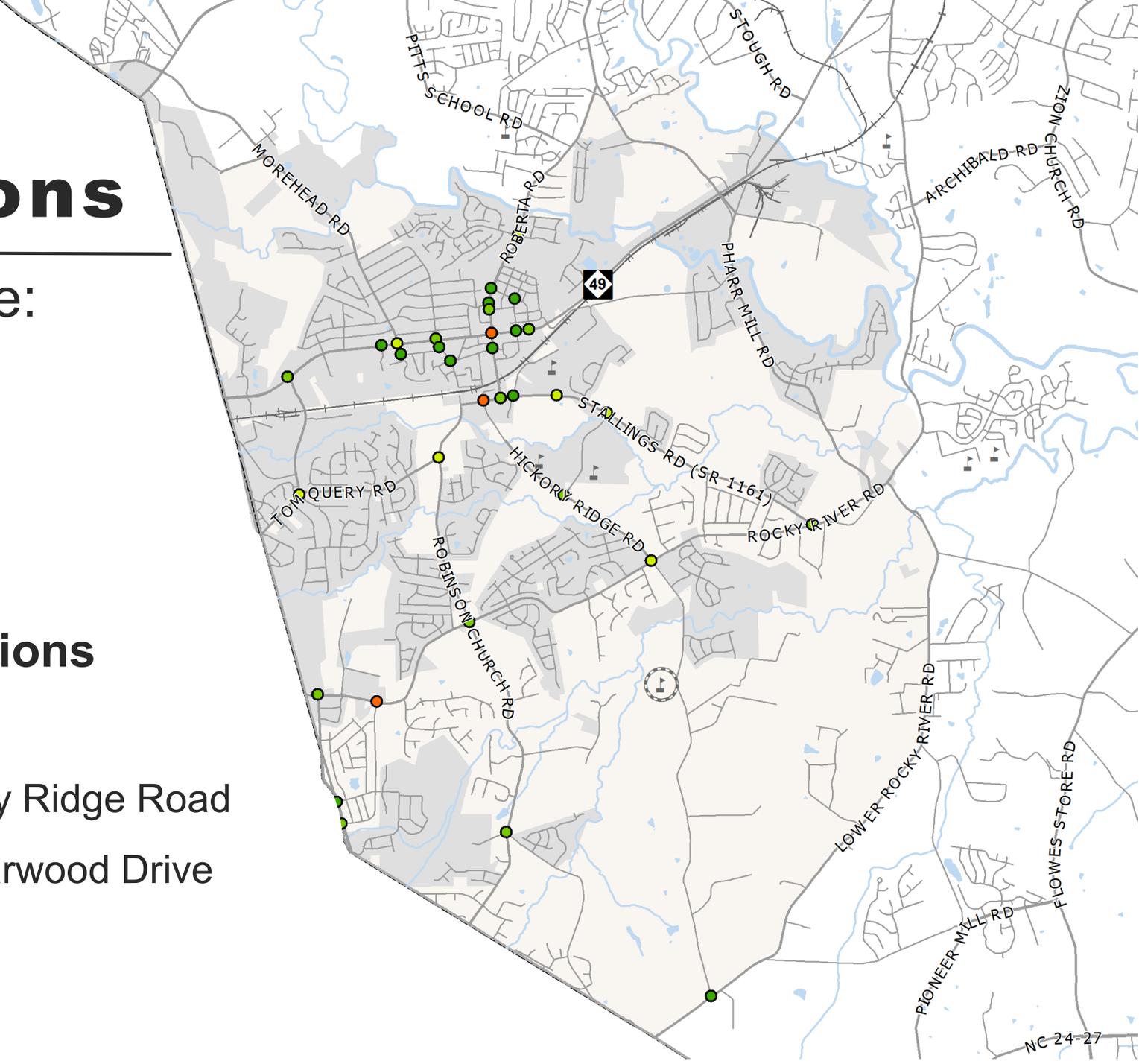
- LOS: A
- LOS: B
- LOS: C
- LOS: D
- LOS: E
- LOS: F
- ▤ Existing School
- ⦿ Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

# Intersections

Level of Service:  
**MORNING**

## Failing Intersections

- NC 49 and Roberta Road
- Stallings Road and Hickory Ridge Road
- Rocky River Road and Starwood Drive



## Legend

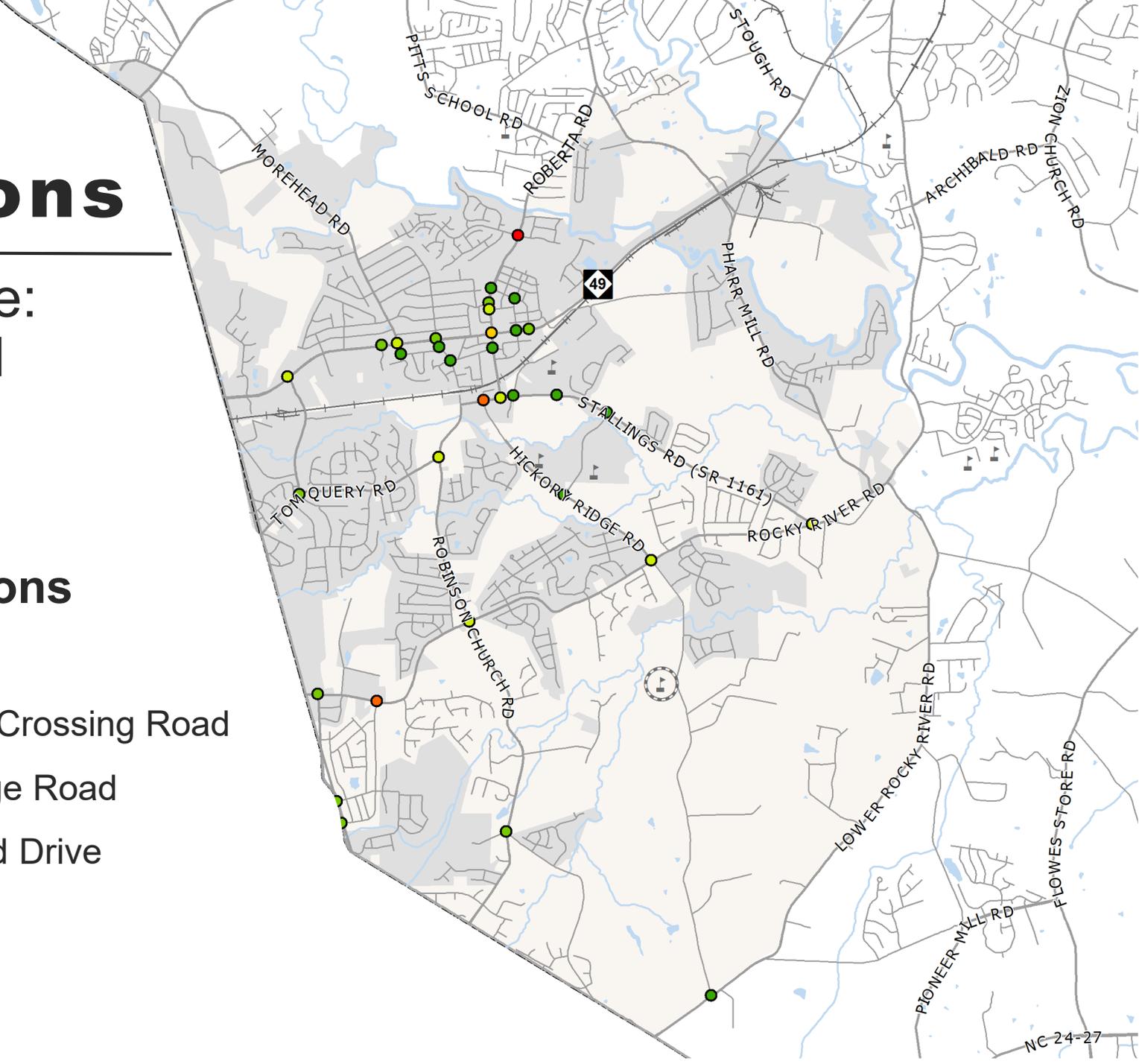
- LOS: A
- LOS: B
- LOS: C
- LOS: D
- LOS: E
- LOS: F
- ▤ Existing School
- Ⓛ Future School
- ▭ Town Limits
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# Intersections

Level of Service:  
**AFTERNOON**

## Failing Intersections

- NC 49 and Roberta Road
- Roberta Road and Rocky River Crossing Road
- Stallings Road and Hickory Ridge Road
- Rocky River Road and Starwood Drive

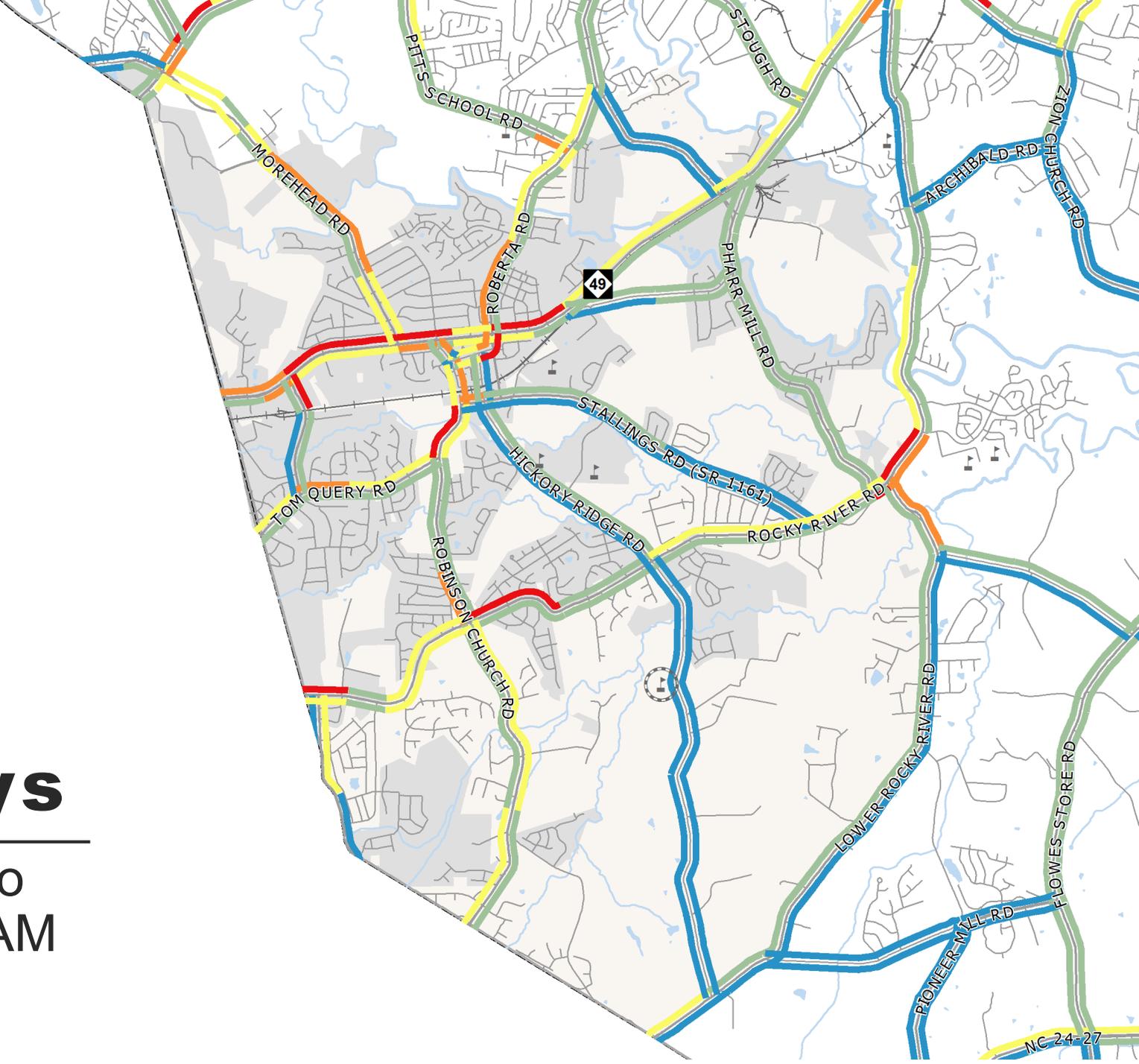


# Legend

- V/C less than 0.25
- V/C 0.25 to 0.50
- V/C 0.50 to 0.75
- V/C 0.75 to 1.00
- V/C greater than 1.00
- Existing School
- Future School
- Town Limits
- Harrisburg Planning Area
- County Boundary

# Roadways

2015 Volume to Capacity (V/C) AM



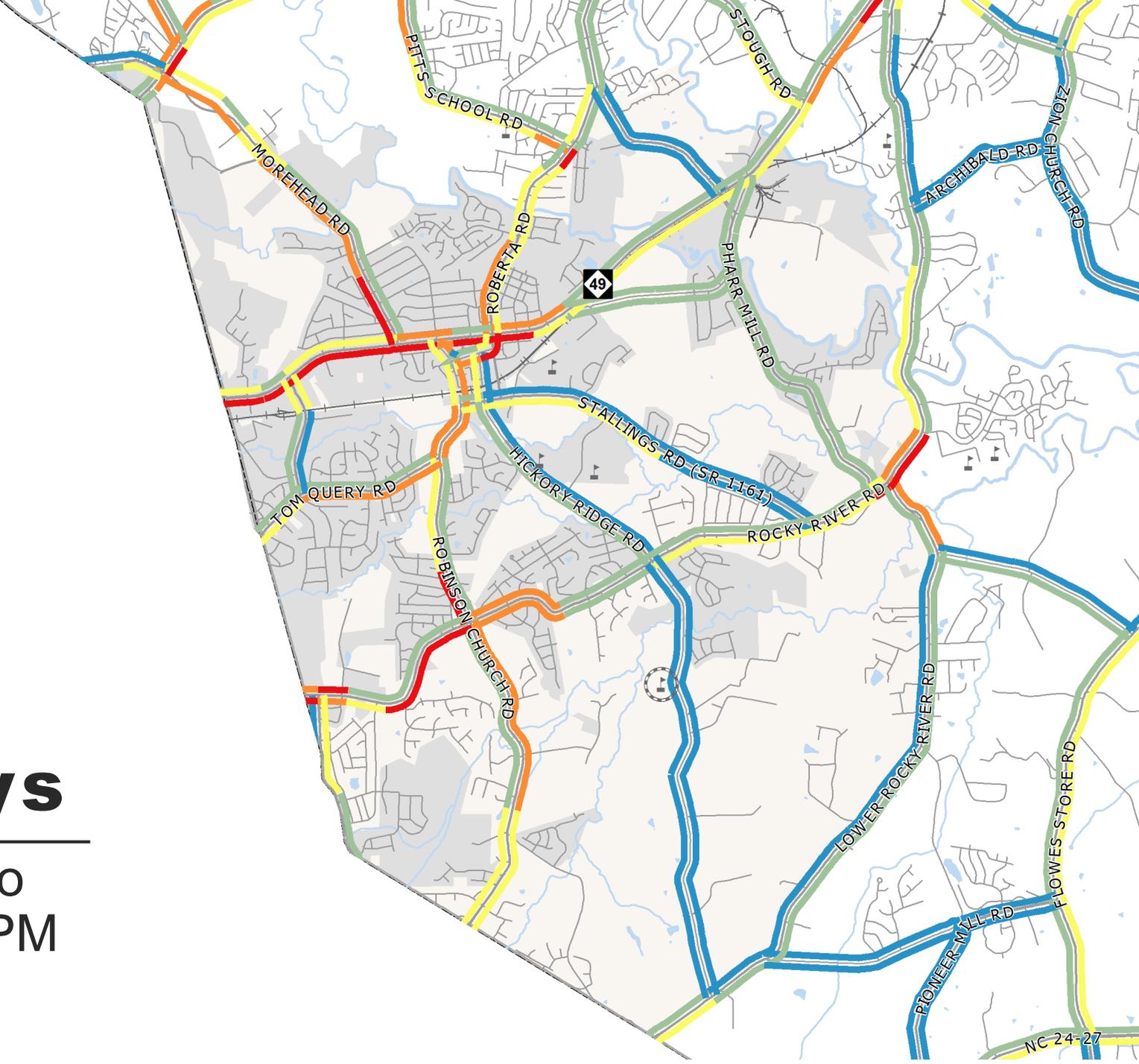
# Legend

- V/C less than 0.25
- V/C 0.25 to 0.50
- V/C 0.50 to 0.75
- V/C 0.75 to 1.00
- V/C greater than 1.00
- ▣ Existing School
- ⊙ Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

# Roadways

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## 2015 Volume to Capacity (V/C) PM



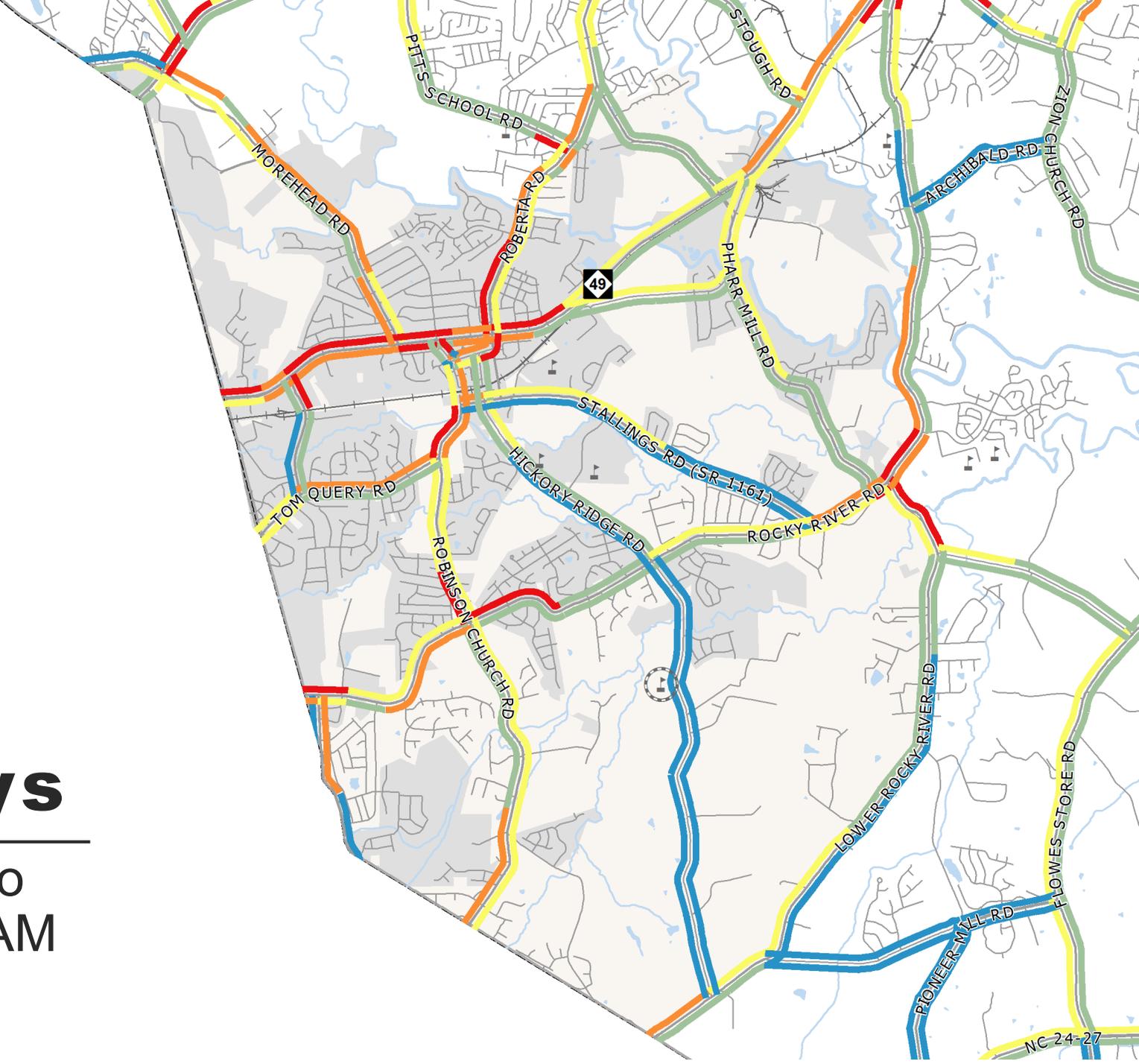
# Legend

- V/C less than 0.25
- V/C 0.25 to 0.50
- V/C 0.50 to 0.75
- V/C 0.75 to 1.00
- V/C greater than 1.00
- Existing School
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# Roadways

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## 2025 Volume to Capacity (V/C) AM



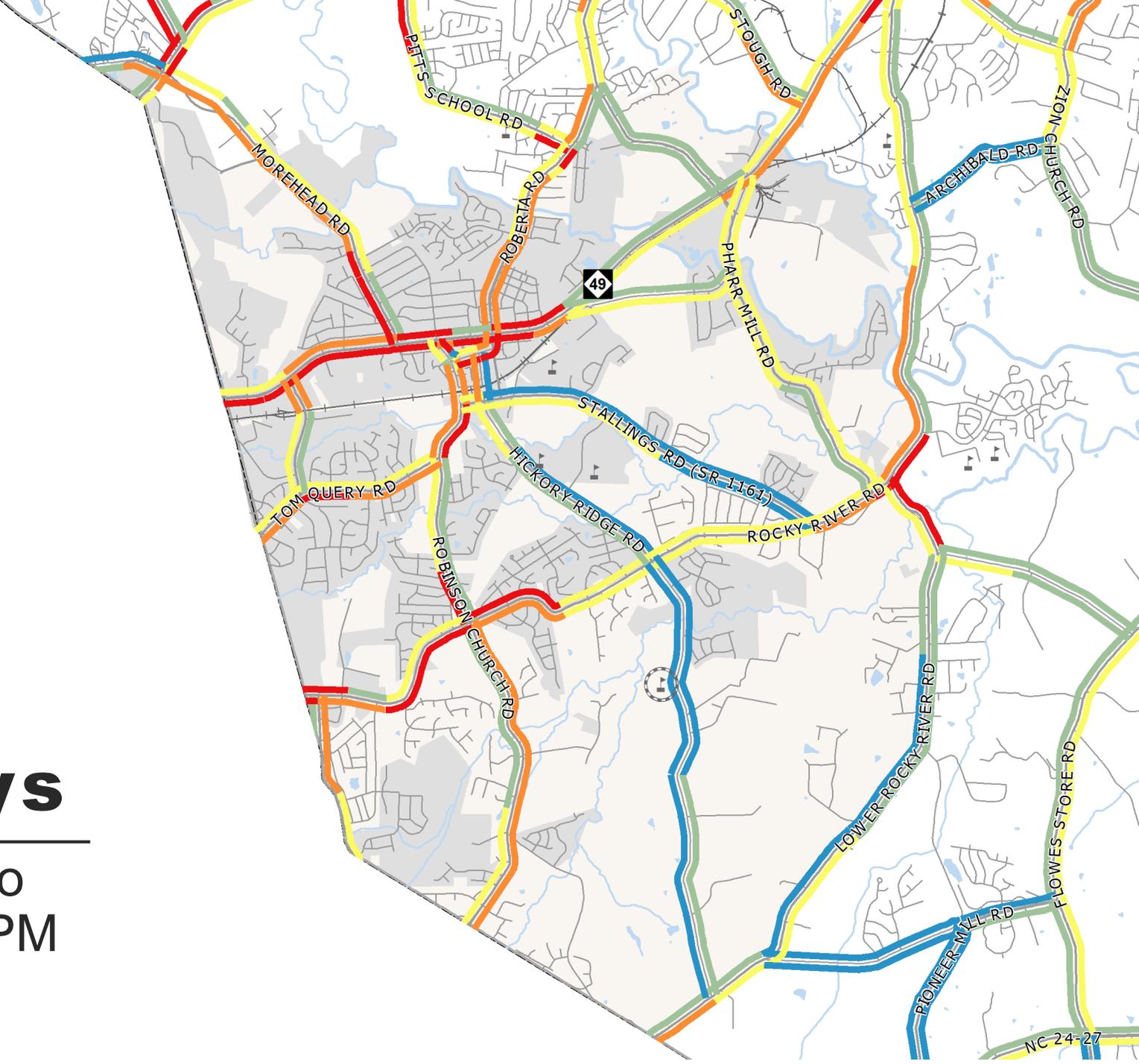
# Legend

- V/C less than 0.25
- V/C 0.25 to 0.50
- V/C 0.50 to 0.75
- V/C 0.75 to 1.00
- V/C greater than 1.00
- Existing School
- Future School
- Town Limits
- Harrisburg Planning Area
- County Boundary

# Roadways

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## 2025 Volume to Capacity (V/C) PM



## Legend

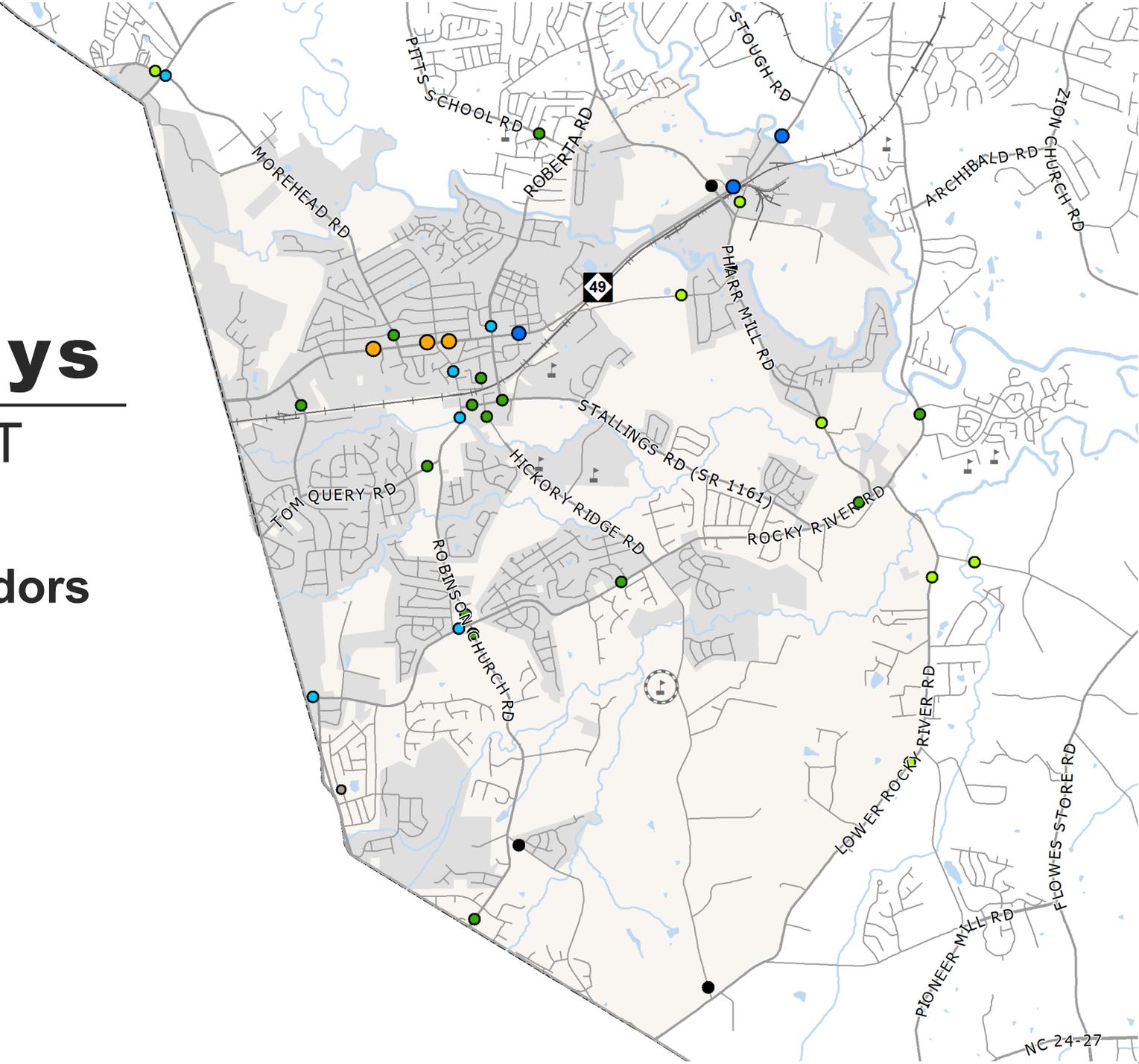
- 10 - 499 vpd
- 500 - 1,999 vpd
- 2,000 - 4,999 vpd
- 5,000 - 9,999 vpd
- 10,000 - 19,999 vpd
- 20,000 - 34,999 vpd
- Greater than 35,000 vpd
- ▤ Existing School
- ⦿ Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

# Roadways

## 2016 AADT

## High Volume Corridors

- NC 49
- Harris Depot Road
- Roberta Road
- Rocky River Road
- Robinson Church Road



## Legend

- 0 to 10% AADT Growth
- 10 to 20% AADT Growth
- Greater than 20% AADT Growth
- ▤ Existing School
- ⊙ Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

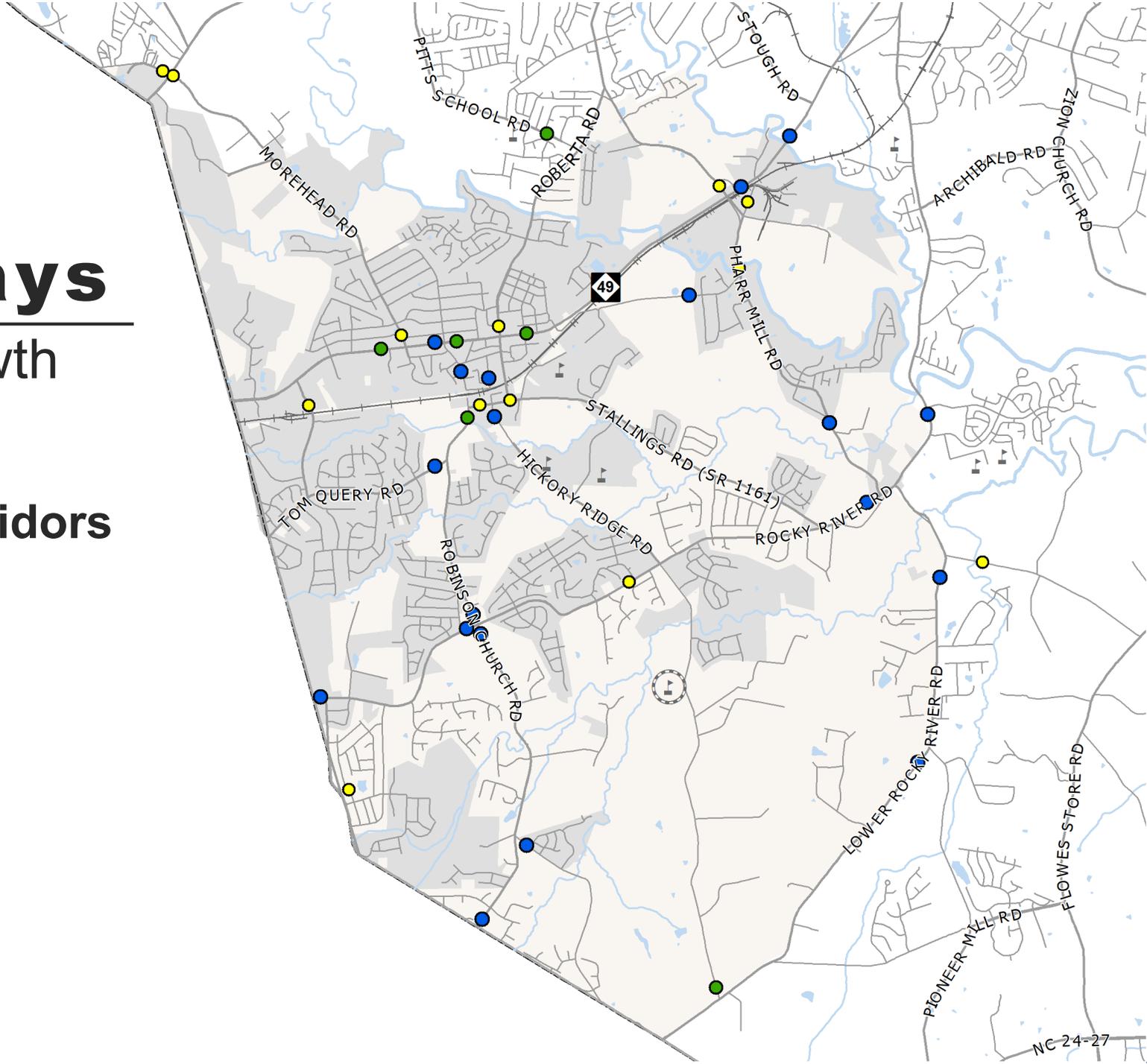
# Roadways

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## AADT Growth

## High Growth Corridors

- Hickory Ridge Road
- Rocky River Road
- NC 49
- Pharr Mill Road
- Tom Query Road
- Robinson Church Road
- Lower Rocky River Road

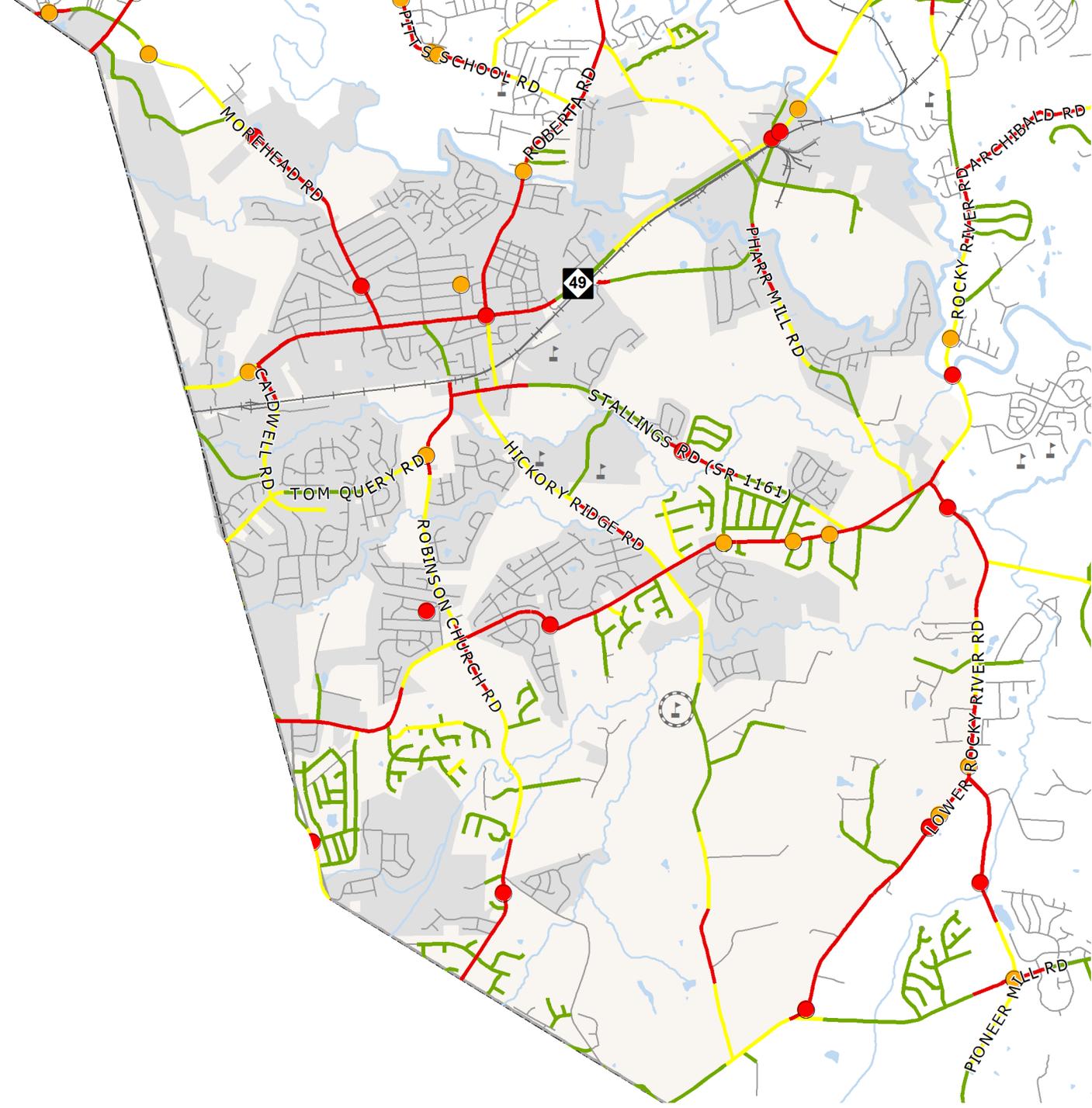


# Legend

- Fatal Crash
- Disabling Injury Crash
- Section Safety Score: 0 to 33
- Section Safety Score: 33 to 66
- Section Safety Score: 66 to 100
- ▤ Existing School
- ⦿ Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

# Roadways

## Safety



## Legend

- 2019 HSIP Intersections
- 2019 HSIP Sections
- 🏫 Existing School
- 🏫 Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

# Roadways

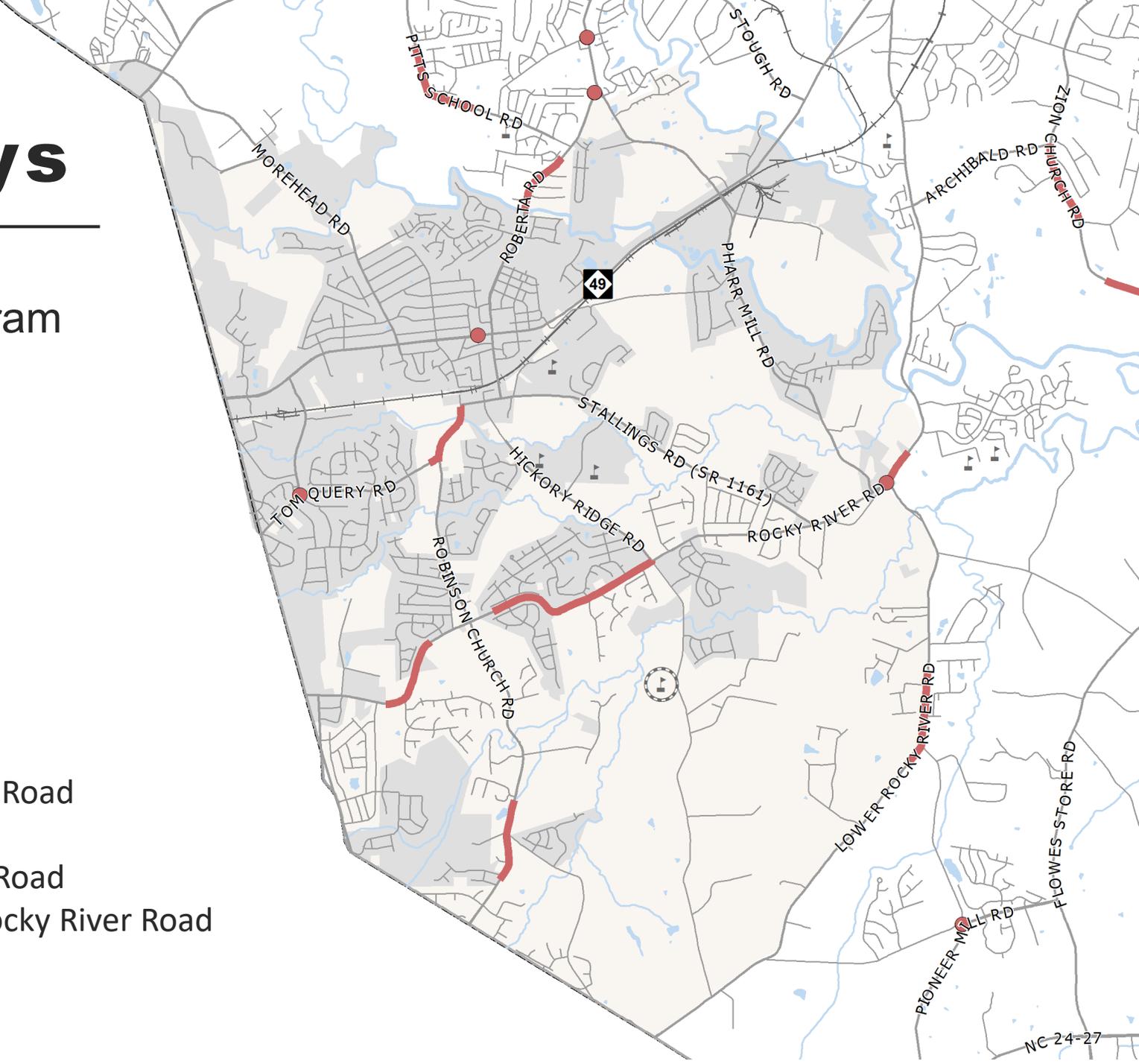
## Highway Safety Improvement Program

### Sections

- Roberta Road
- Robinson Church Road
- Rocky River Road
- Lower Rocky River Road

### Intersections

- Roberta Road and Blackwelder Road
- NC 49 and School House Road
- Caldwell Road and Tom Query Road
- Rocky River Road and Lower Rocky River Road

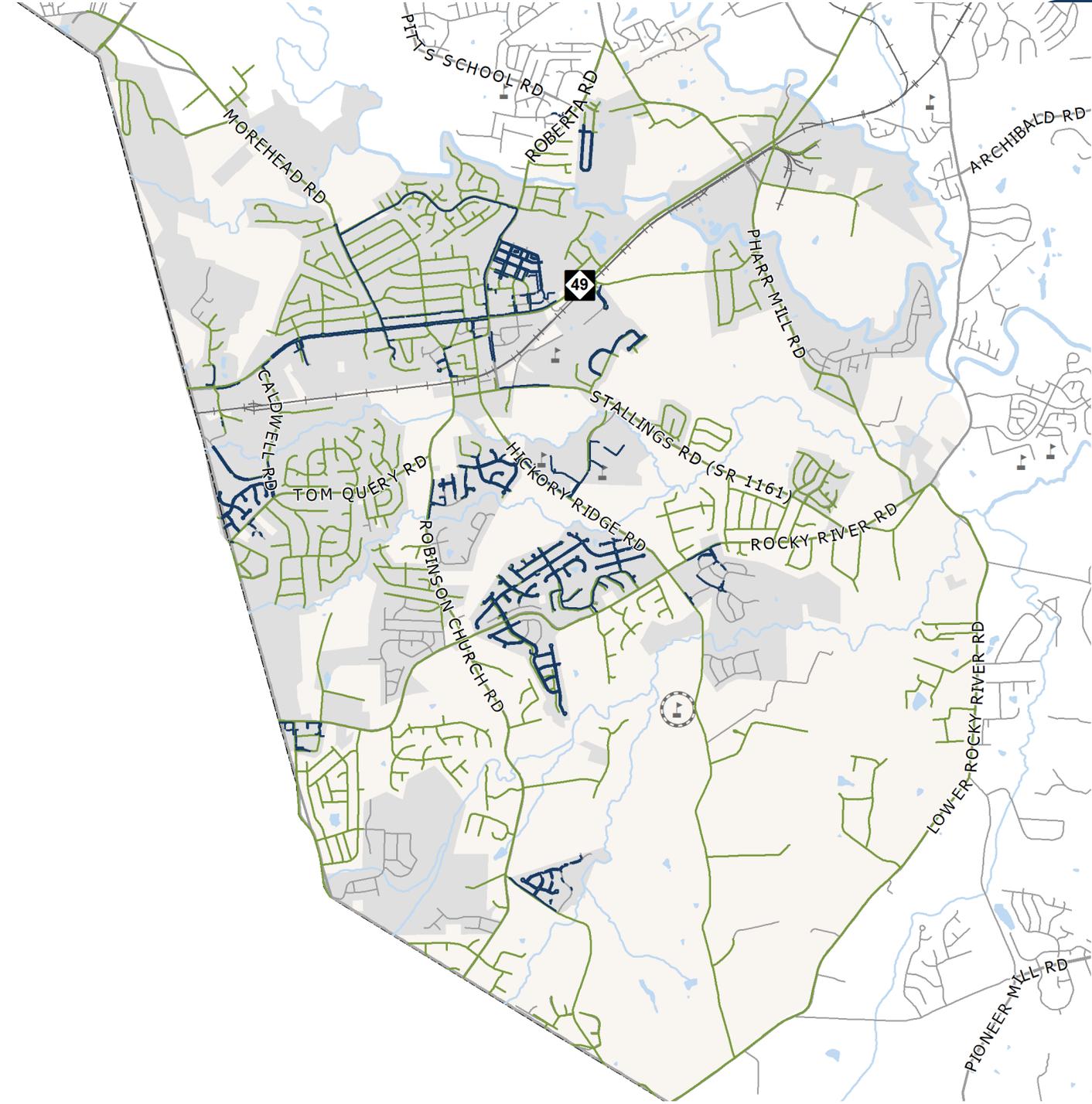


## Legend

- Existing Sidewalks
- Proposed Sidewalks
- Existing School
- Future School
- Town Limits
- Harrisburg Planning Area
- County Boundary

# Pedestrian

## Existing Sidewalks



# Legend

- Proposed Carolina Thread Trail
- Harrisburg Proposed Greenways
- Existing School
- Future School
- Town Limits
- Harrisburg Planning Area
- County Boundary

# Bike/Ped

## Proposed Greenways



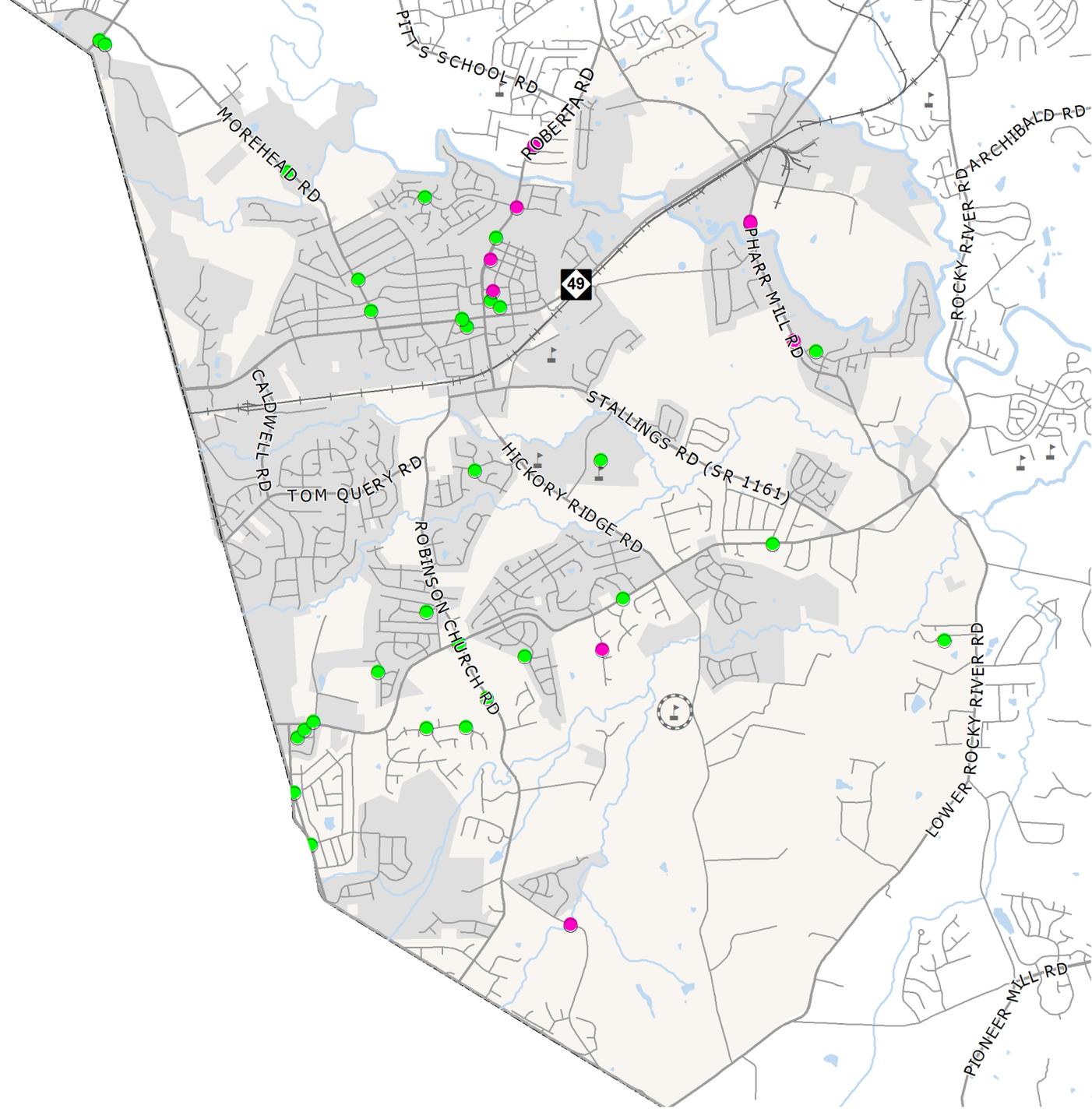
# Legend

- Bike Crashes 2007 to 2016
- Pedestrian Crashes 2007 to 2016
- ▤ Existing School
- ⊙ Future School
- ▭ Town Limits
- ▭ Harrisburg Planning Area
- ▭ County Boundary

# Bike/Ped

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## Safety



# Existing Plans

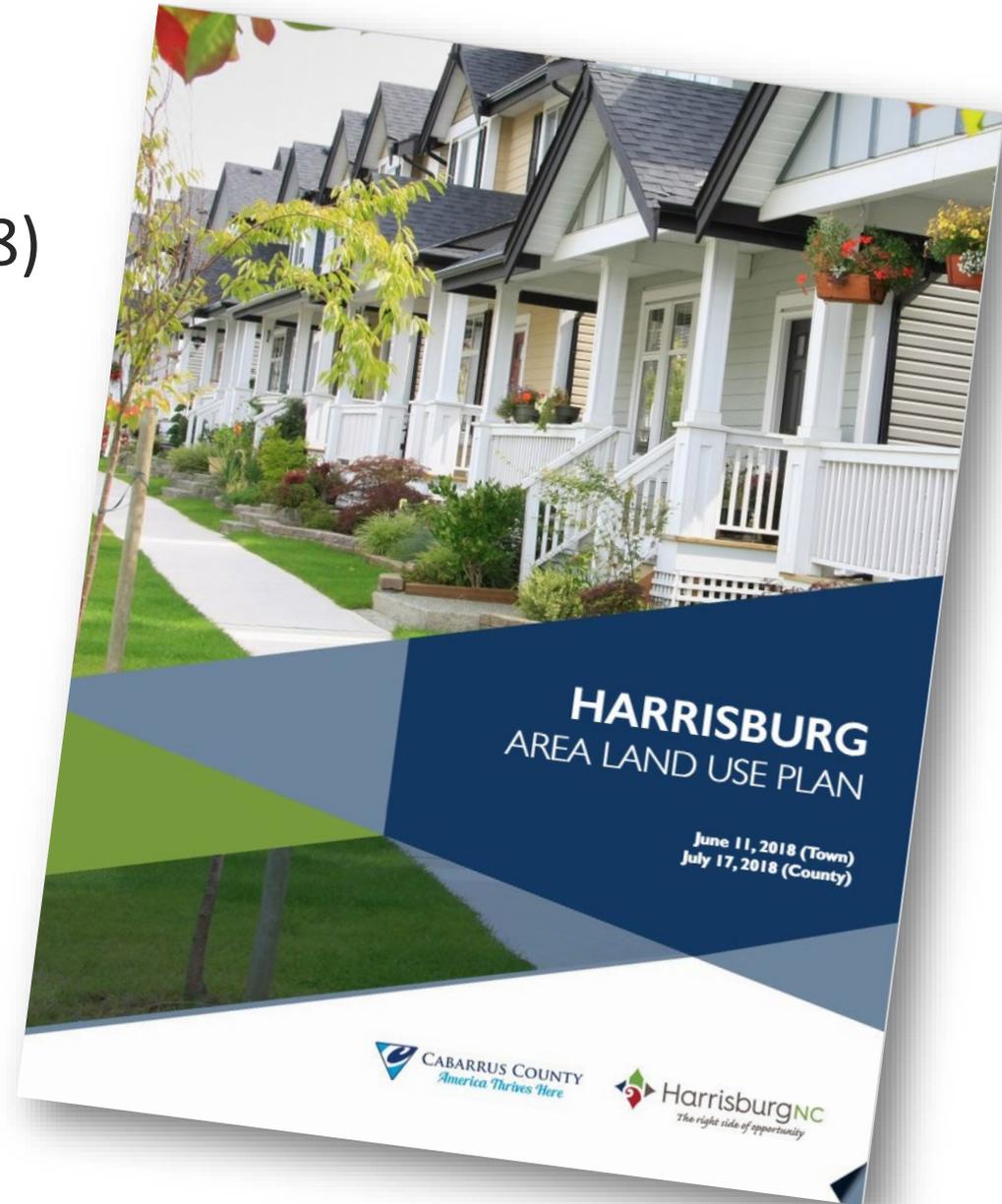
## Harrisburg Area Land Use Plan (2018)

### Goals and Objectives

- Improve circulation and supply transportation options
- Foster sense of community by offering options to walk and bike

### Strategies

- Strategic Mobility Plan
- Complete Streets Policy
- Bike and Pedestrian System
- Town Circulator



# Existing Plans

## Market Analysis and Economic Development Plan (2015)

### Passenger Rail

- Proposed stop in Harrisburg would bring development

### Develop US 49

- Enhancement to capture tourism as gateway into Harrisburg

### Freight and Cargo Transportation

- Freight and cargo are vital to the economic sector but Harrisburg has limited direct access to I-85 and other major transportation corridors

## Harrisburg, NC

Market Analysis &  
Economic Development



### Implementation Plan

Prepared for the Town of Harrisburg, NC

Rose & Associates Southeast, Inc.  
Kathleen Rose, CCIM, CRE  
www.roseassociates.com  
January 2015



The conclusions set forth are based upon information provided by public records, municipal officials, business owners, market and demographic data obtained by Rose & Associates Southeast, Inc. Neither an appraisal nor title search was performed for the Study Area or any specific property in preparing this report. While the information included herein is believed to be accurate, no warranty or representation, expressed or implied, is made as to the information contained herein, and is submitted subject to omission, change of market conditions, or other factors outside the scope of this report or the author's control. This report is the property of Rose & Associates Southeast, Inc. and the Town of Harrisburg, and shall not be duplicated in whole or in part, without express written permission, all rights reserved, 2015.

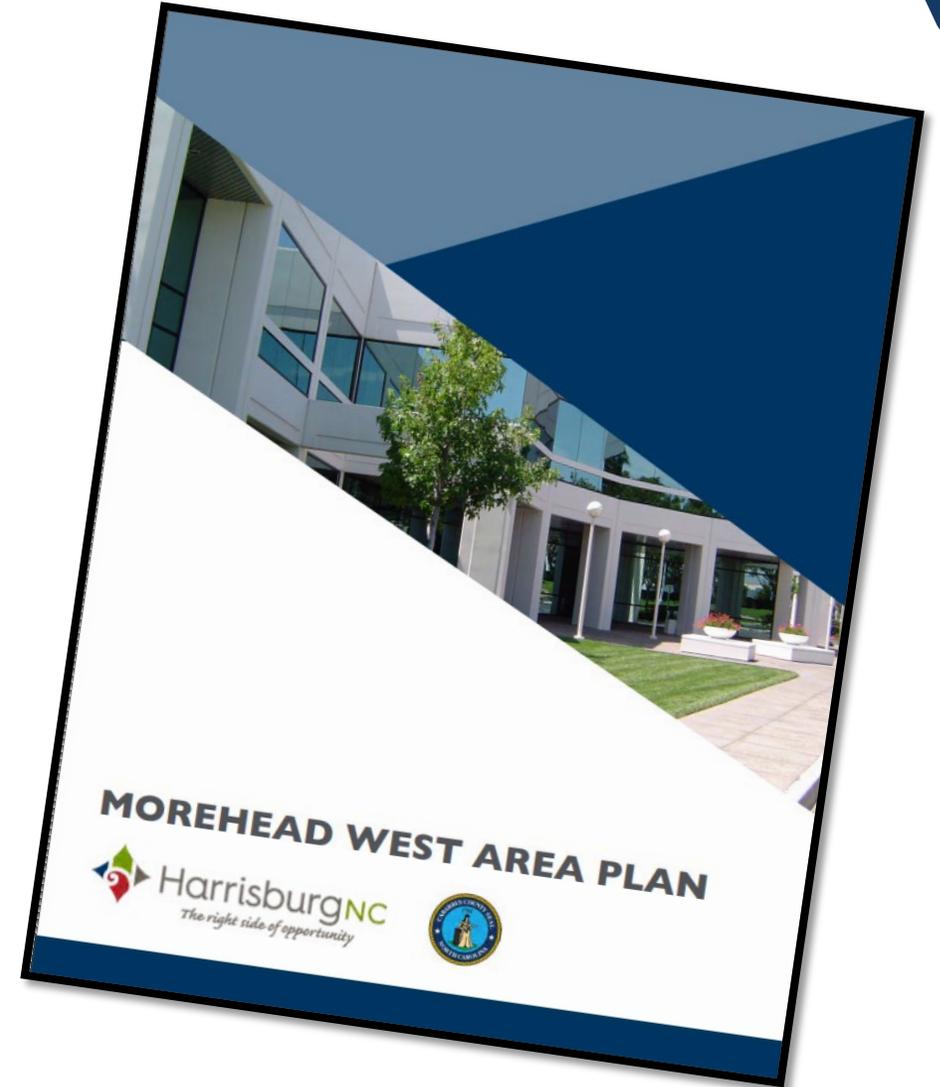
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# Existing Plans

## Morehead West Small Area Plan

*Morehead West is an underdeveloped area northwest of downtown Harrisburg*

- NC 49 Corridor Plan
  - Streetscape plan to create city gateway
- Carolina Thread Trail
  - Develop around future greenway
- Caldwell Road Extension
  - Connect the area directly to NC 49 and US 29



# Existing Plans

Comprehensive Bicycle, Pedestrian,  
and Greenway Master Plan (2015)

## Goals

1. Provide safe facilities throughout town
2. Improve connectivity
3. Promote opportunities to improve public health
4. Enhance quality of life
5. Create facilities for alternative modes of transportation
6. Provide signage and markings to ensure safety



# **GUIDING STATEMENTS**

**“The Harrisburg CTP  
should...”**





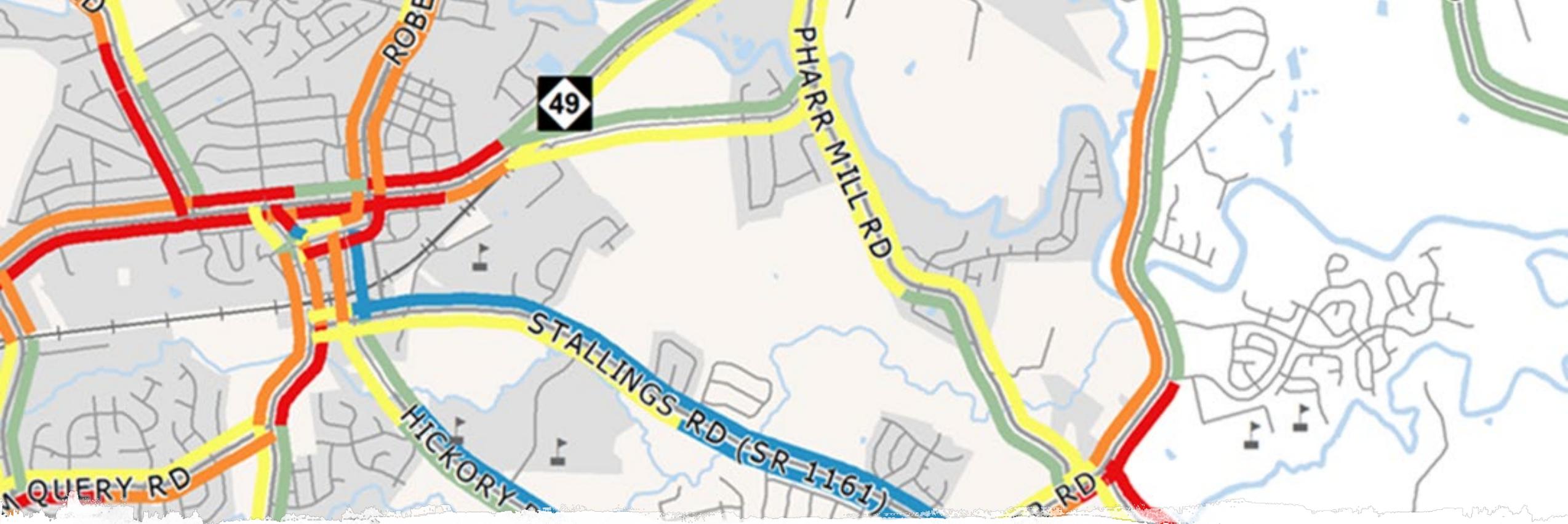
## **Address congestion along major roadways**

- NC 49
- Roberta Road
- Rocky River Road
- Stallings Road



## **Ensure easy access, connectivity, safety for all modes of transportation**

- Create separated or dedicated bicycle lanes.
- Provide safe crosswalk opportunities for pedestrians along congested roadways.
- Maintain appropriate signage for bicycles, pedestrians, and cars.



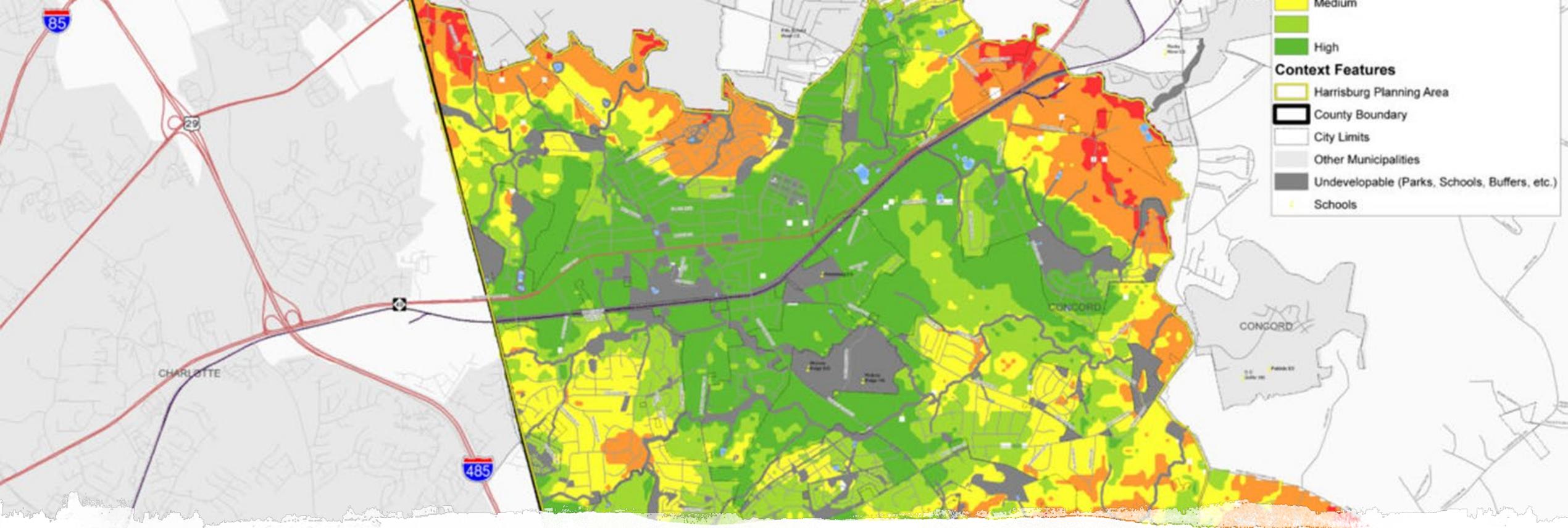
## **Promote access to places outside the community**

- Providing trails or greenways to existing parks or open spaces.
- Identify regional transportation opportunities or strains on the roadway network.



## **Foster a sense of place by offering options to walk or bike**

- Expand existing sidewalk network into neighborhoods.
- Create bicycle routes to and from key destinations.
- Connect sidewalks, bicycle routes, trails, and greenways to create a wholistic network.



## **Integrate land use decision making and transportation investment strategies**

- Transportation connectivity to local businesses.
- Attract investment along US 49 through land use and zoning incentives.
- Identify growth strategies underdeveloped or underutilized areas.