



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION  
Prince George's County Planning Department

BOWIE-MITCHELLVILLE  
AND VICINITY  
MASTER PLAN

TRANSPORTATION &  
MOBILITY  
COMMUNITY CHAT  
October 14, 2020

Thomas Lester  
Project Manager  
Community Planning Division  
M-NCPPC





# HOW TO PARTICPATE - TEAMS

- This meeting will be recorded and shared on the website
- Please MUTE yourself and turn OFF your video, until called upon
- If you have a comment or question, raise your hand or type it in the chat
- Unmute yourself if called upon.

TURN ON/TURN OFF CAMERA

MUTE/UNMUTE

RAISE/LOWER HAND

OPEN MEETING CHAT





# MEET THE TEAM

Bowie-  
Mitchellville  
& Vicinity  
Master Plan



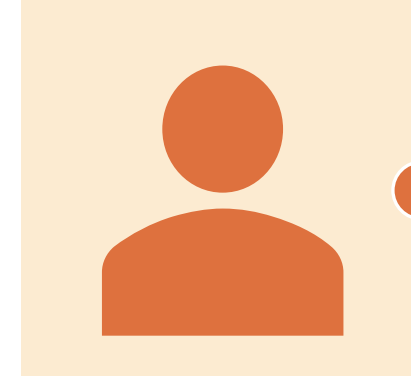
Thomas Lester,  
Project Manager



Andrew McCray,  
Deputy Project  
Manager



Garrett Dickerson,  
Team Member



J.J. Arce  
Resource Team  
Member,  
DPR



Judith Howerton,  
Resource Team  
Member



# AGENDA - October 14, 2020



Project and  
Transportation & Mobility  
Overview based on  
Existing Conditions  
Report





Q&A





Upcoming Events

# PROJECT SCHEDULE SUMMARY

  
 February 2020 – September 2020



 February 18, 2020  
 Planning Board  
Initiation  
  
COMPLETE

 June 13, 2020  
 Public Kickoff  
  
COMPLETE

 August 27, 2020  
 Draft Existing  
Conditions  
Report  
  
COMPLETE

 September 16, 2020  
 Draft Existing  
Conditions Report  
Presentation  
  
COMPLETE





# PROJECT SCHEDULE SUMMARY CONT.


 December 2021 – May 2022



 December 2021  
 Planning Board Adoption

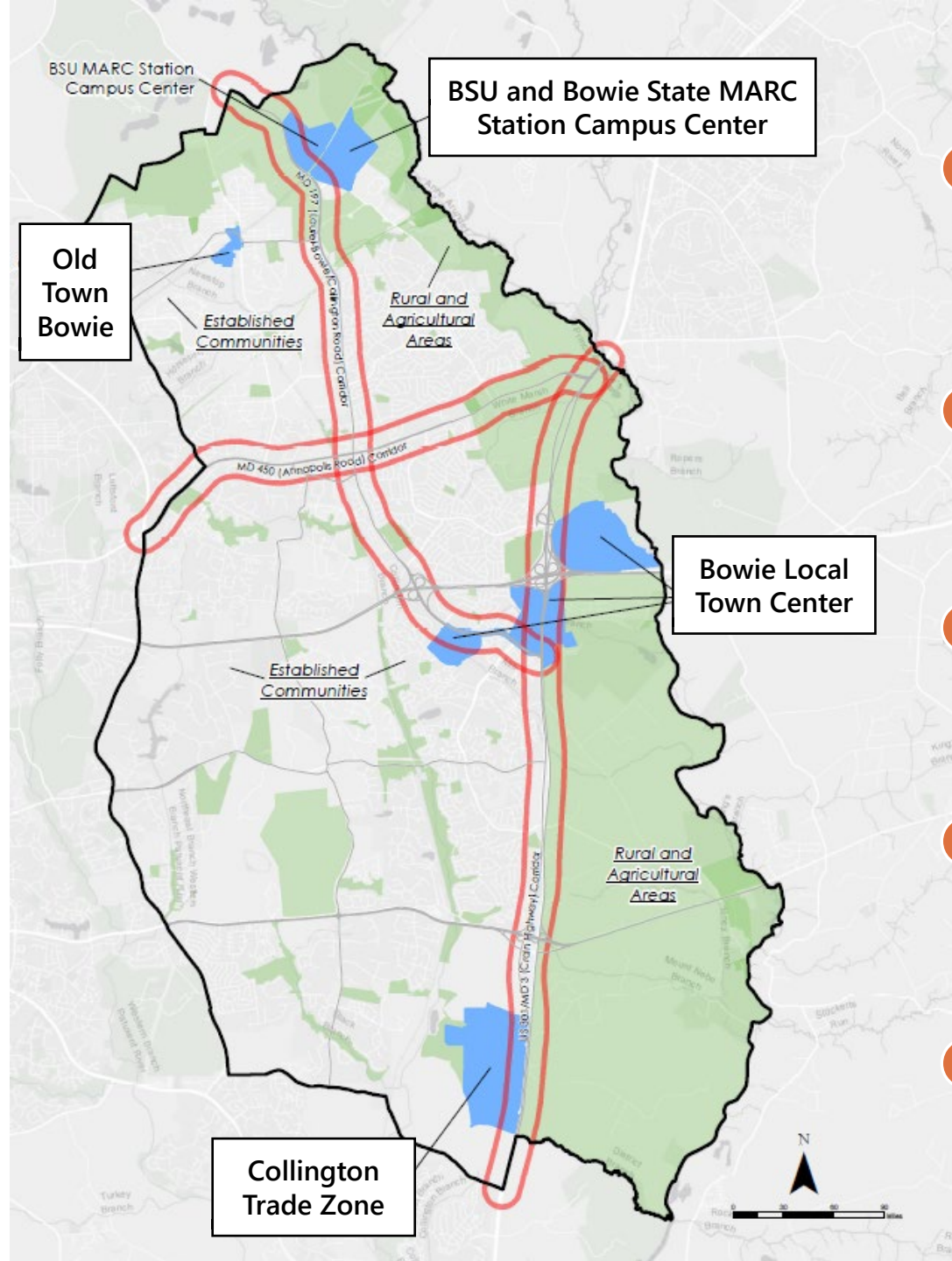
 January 2022  
 Council Work Session

 February 2022  
 Council Approval

 May 2022  
 Approval with 2nd Joint Public Hearing



# FOCUS AREAS & CORRIDORS



- Bowie State University and Bowie State MARC Station Campus Center
- Old Town Bowie
- Bowie Local Town Center
- Collington Trade Zone
- Corridors MD 197, MD 450, & US 301/MD 3





# MASTER PLAN OVERVIEW



- Shared long-term vision with policies & strategies

- Implement Plan 2035

- Provide policies and strategies for implementation

- Replaces the 2006 master plan & 2010 sector plan

- Identify & analyze existing conditions



# DRAFT EXISTING CONDITIONS REPORT & PRESENTATION



- Watch the presentation on our website
- Read the breakout group summary
- Visit the website & download the PDF
- Comment period has ended

Visit our website

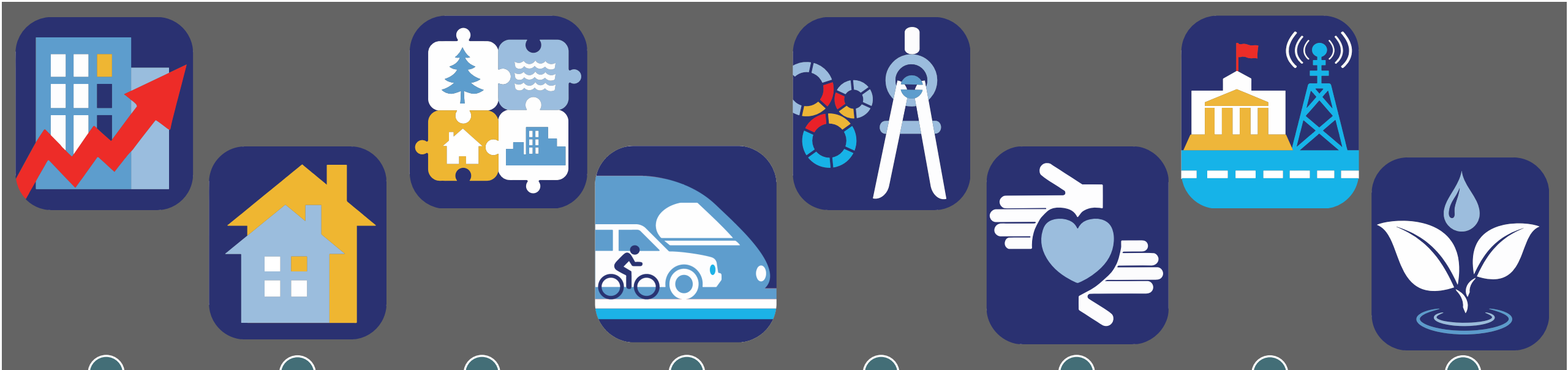
<https://www.mncppc.org/3390/Bowie-Mitchellville-Master-Plan>

Download Existing Conditions Report

<https://bowievicinity.konveio.com/draft-existing-conditions-report>



# MASTER PLAN ELEMENTS



Economic  
Prosperity

Housing  
&  
Neighborhoods

Land Use

Transportation  
&  
Mobility

Community  
Heritage,  
Culture &  
Design

Healthy  
Communities

Public  
Facilities

Natural  
Environment



# TRANSPORTATION & MOBILITY

- Overview
- Congestion
- Pedestrian & bicycle infrastructure
- Transportation Safety





# TRANSPORTATION OVERVIEW



- 20% commute to Washington DC

- 75% of commuters drive alone, 8.5% carpool



- 10% use transit as their primary mode (includes those who use park-and-ride)



- 1% of commuters walk, < 1% bike

- City of Bowie: Walk Score of 25 out of 100, described as "car-dependent city"



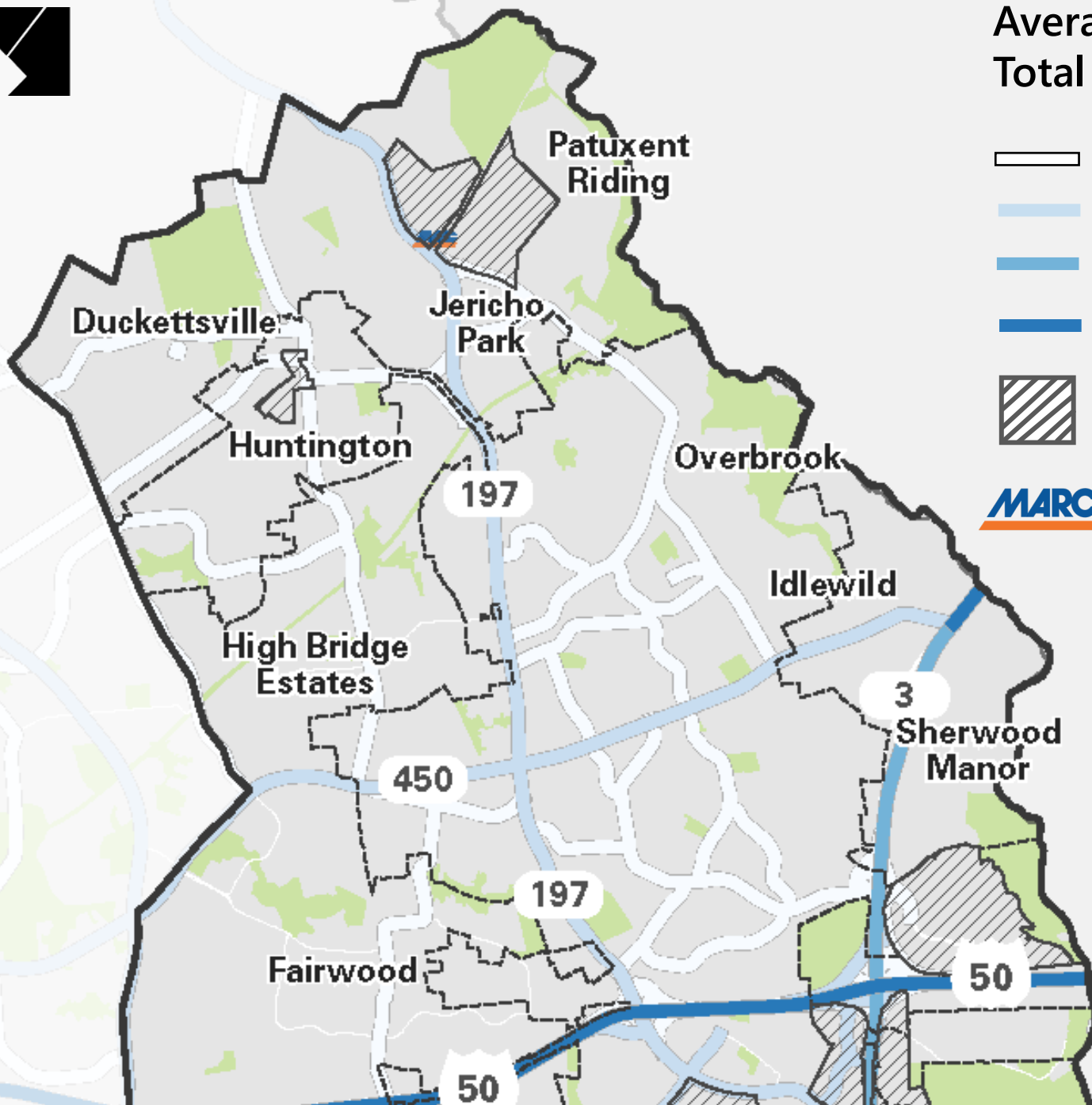
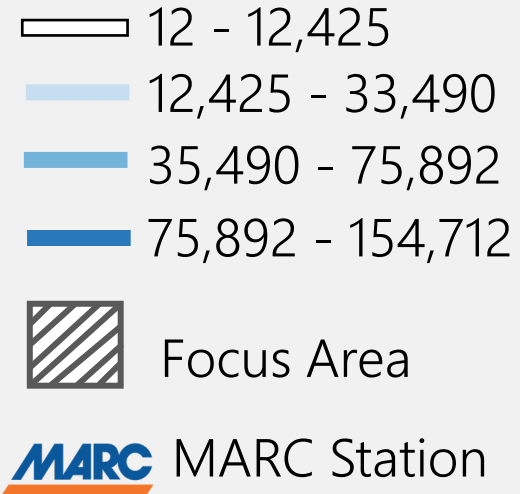
# AREAS OF CONGESTION



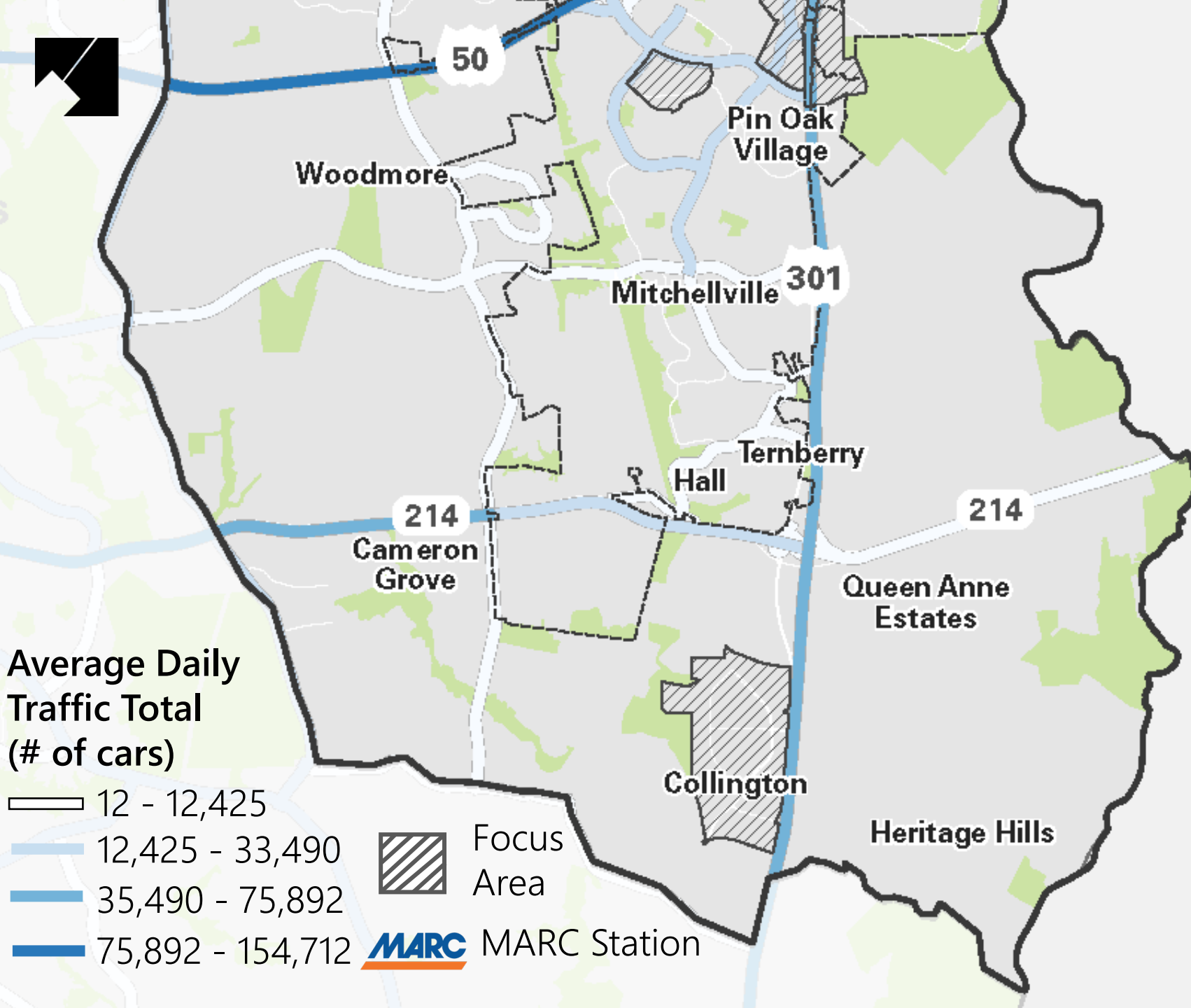
- US 301 south of US 50 has moderate congestion both ways in a.m. & heavy congestion southbound in p.m.
- MD 3 has heavy congestion southbound in a.m. & moderate congestion in both directions in p.m. peak hours
- Enterprise Road between MD 214 & MD 450 has moderate congestion in a.m., heavy congestion in p.m. peak hours
- MD 197 between US 50 & MD 450 has heavy congestion



## Average Daily Traffic Total (# of cars)



# DAILY TRAFFIC (2017)



# DAILY TRAFFIC (2017)

N






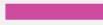
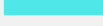
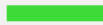

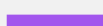
# PUBLIC TRANSIT




- Six bus lines with low frequency
- Greatest concentration of walking access to transit in City, stronger coverage around Bowie Town Center
- Three park-and-ride lots within plan area: Bowie MARC Station, Bowie Town Center, and MD 450
- BSU MARC station has 700 boarding's per day, low ridership from BSU students



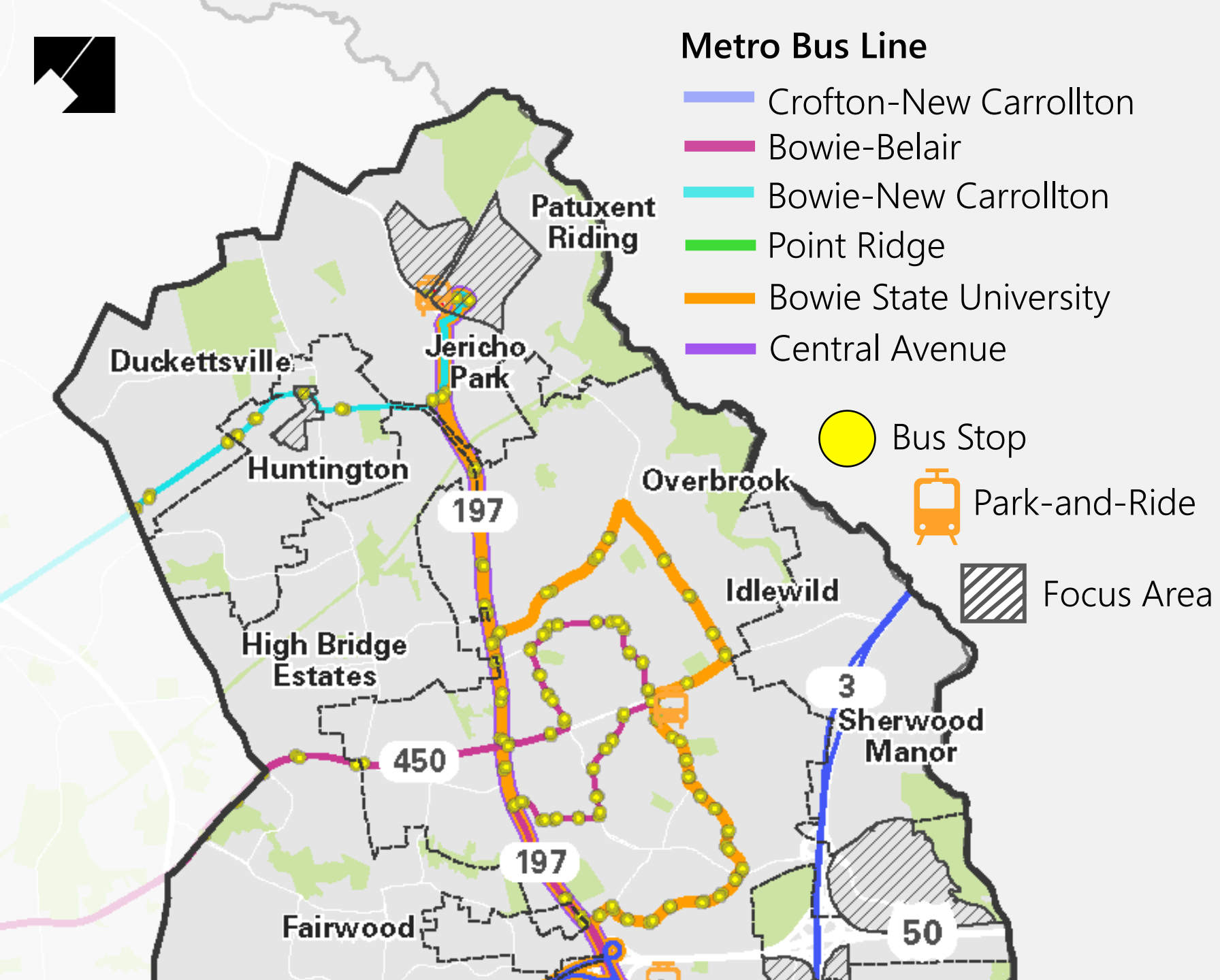
## Metro Bus Line

-  Crofton-New Carrollton
-  Bowie-Belair
-  Bowie-New Carrollton
-  Point Ridge
-  Bowie State University
-  Central Avenue

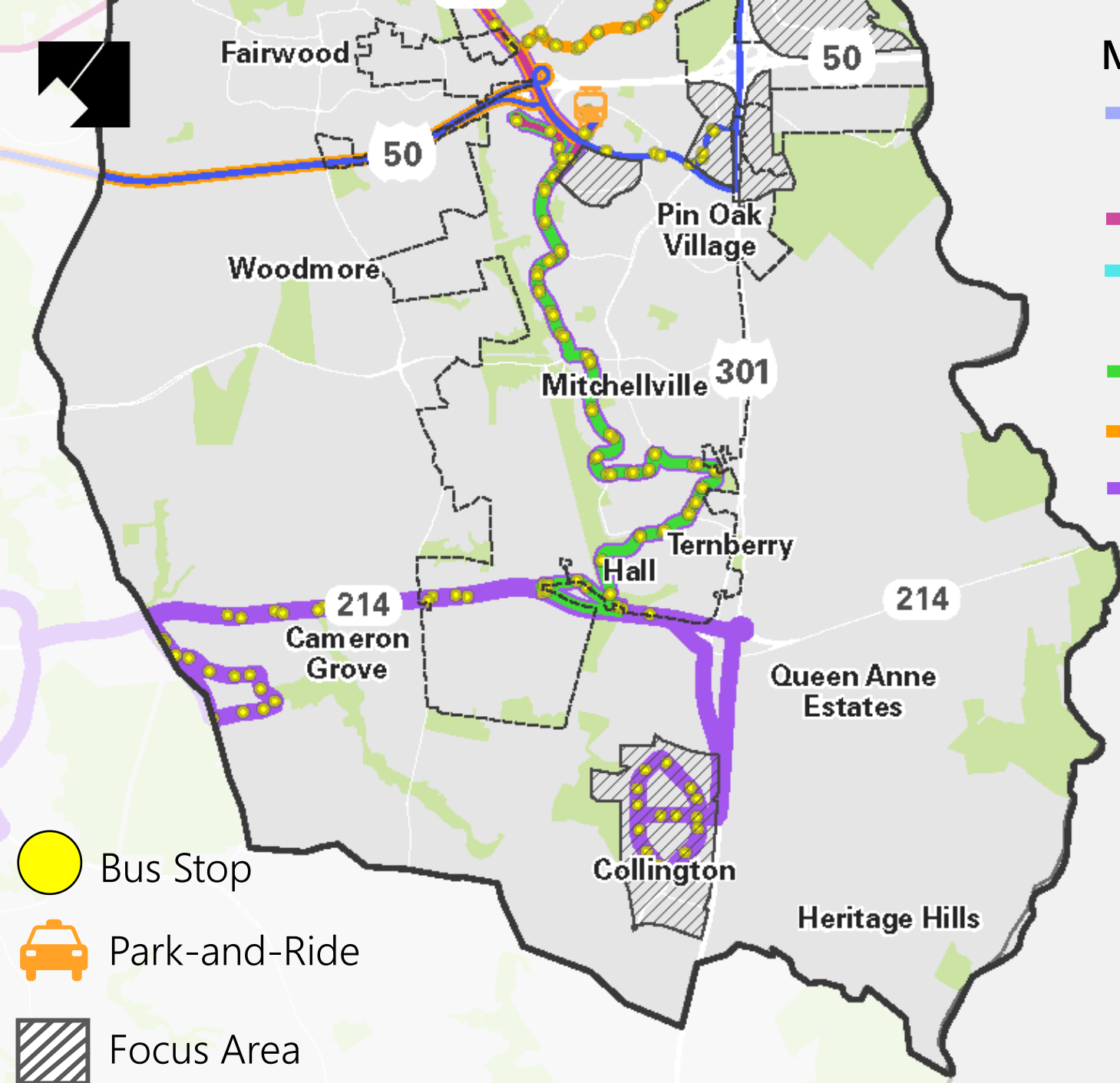
 Bus Stop

 Park-and-Ride

 Focus Area



# BUS SERVICE ROUTES



### Metro Bus Line

- Crofton-  
New Carrollton
- Bowie-Belair
- Bowie-  
New Carrollton
- Point Ridge
- Bowie State
- Central Avenue

- Bus Stop
- 🚗 Park-and-Ride
- ▨ Focus Area

# BUS SERVICE ROUTES


# PEDESTRIAN & BIKE INFRASTRUCTURE



- East Coast Greenway (WB&A), City of Bowie, & neighborhood trails have major gaps in trail network
- There 80 miles of existing active transportation facilities & 213 miles are planned
- Walkability in Bowie Town Center Main Street, but parking overabundance uninviting to walkers

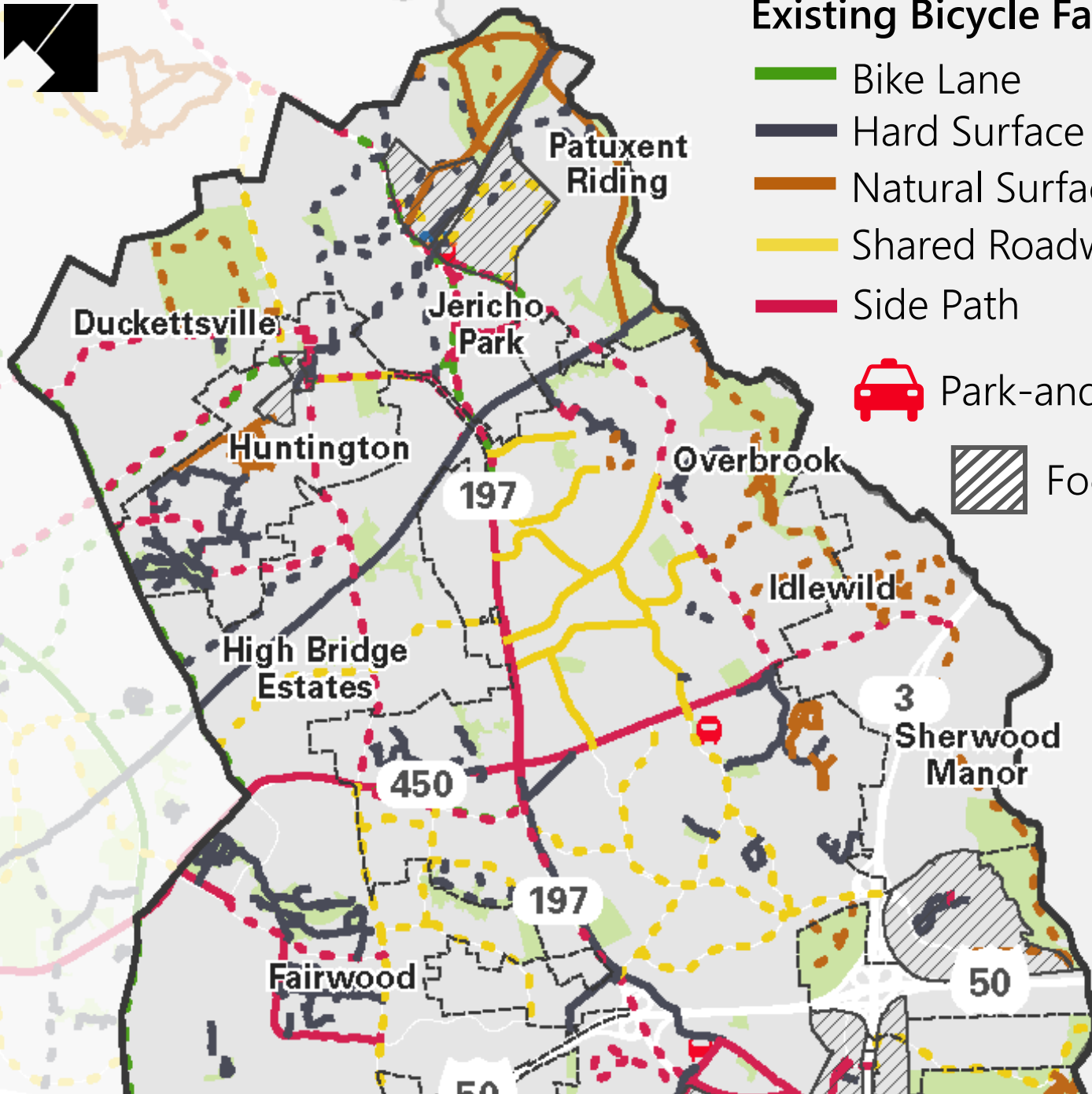


### Existing Bicycle Facilities

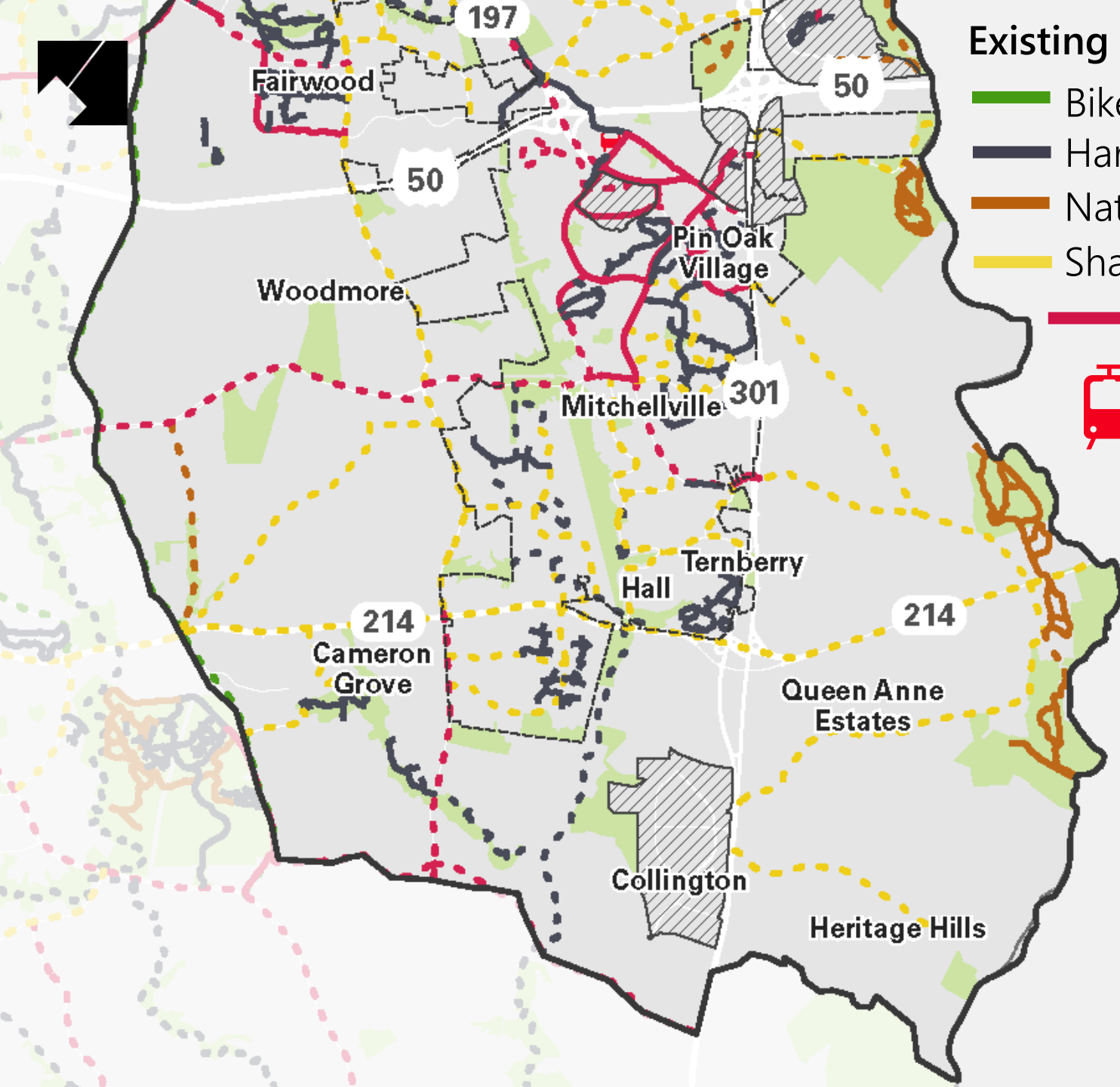
-  Bike Lane
-  Hard Surface Trail
-  Natural Surface Trail
-  Shared Roadway
-  Side Path

### Planned Bicycle Facilities

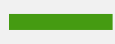


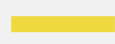

-  Bike Lane
-  Hard Surface Trail
-  Natural Surface Trail
-  Shared Roadway
-  Side Path



# BICYCLE INFRASTRUCTURE



**Existing Bicycle Facilities**

-  Bike Lane
-  Hard Surface Trail
-  Natural Surface Trail
-  Shared Roadway
-  Side Path

 Park-and-Ride

 Focus Area

**Planned Bicycle Facilities**

-  Bike Lane
-  Hard Surface Trail
-  Natural Surface Trail
-  Shared Roadway
-  Side Path

# BICYCLE INFRASTRUCTURE









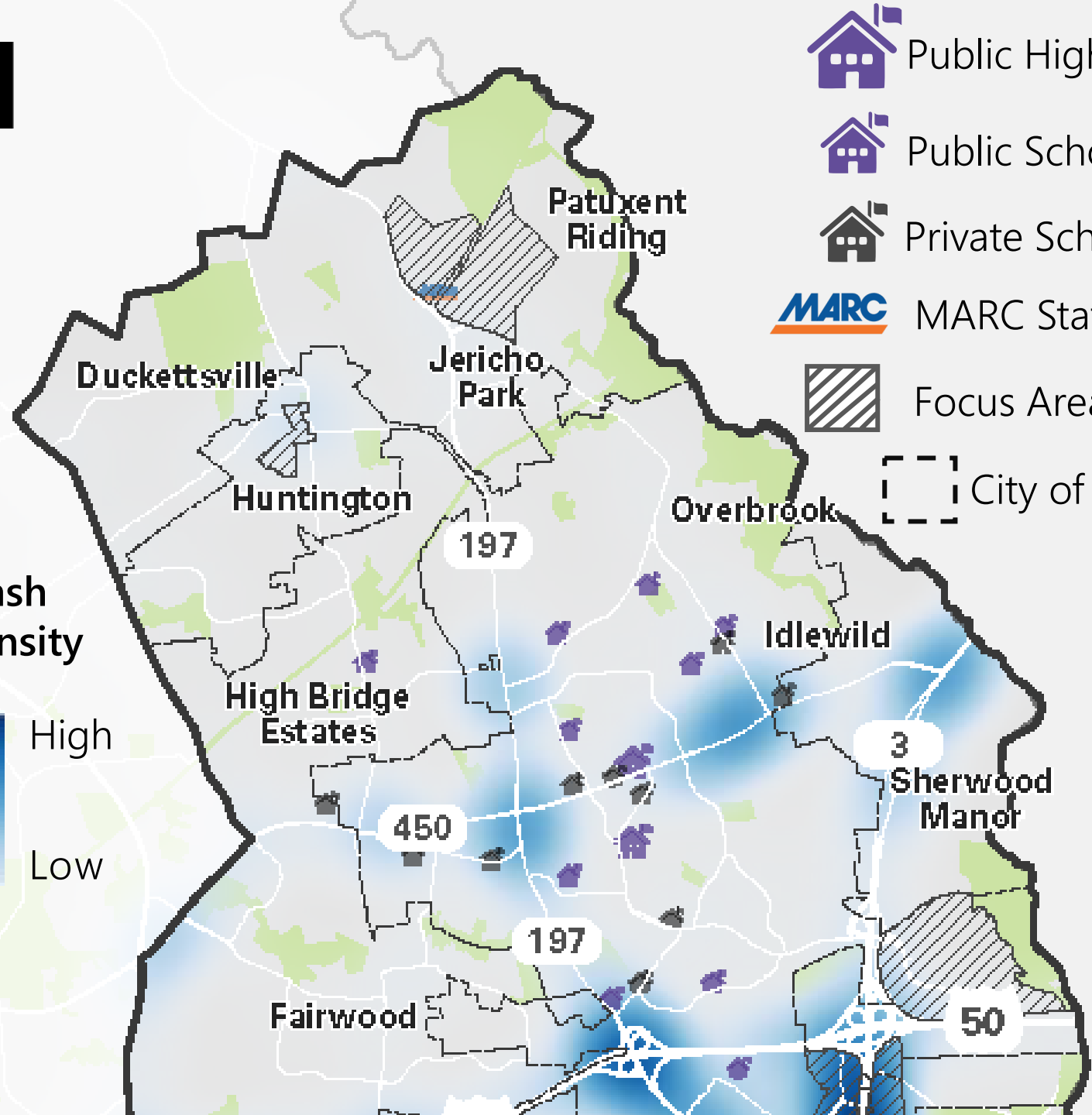
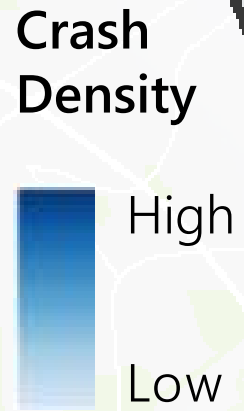
# TRANSPORTATION SAFETY



- Vision zero goal eliminate death and serious injury to 0% by 2040
- Pedestrian crashes mostly at locations with multiple lanes, speeds of 35+ mph & no signalized crosswalk
- High-crash intersections along US 301, MD 197 & 450

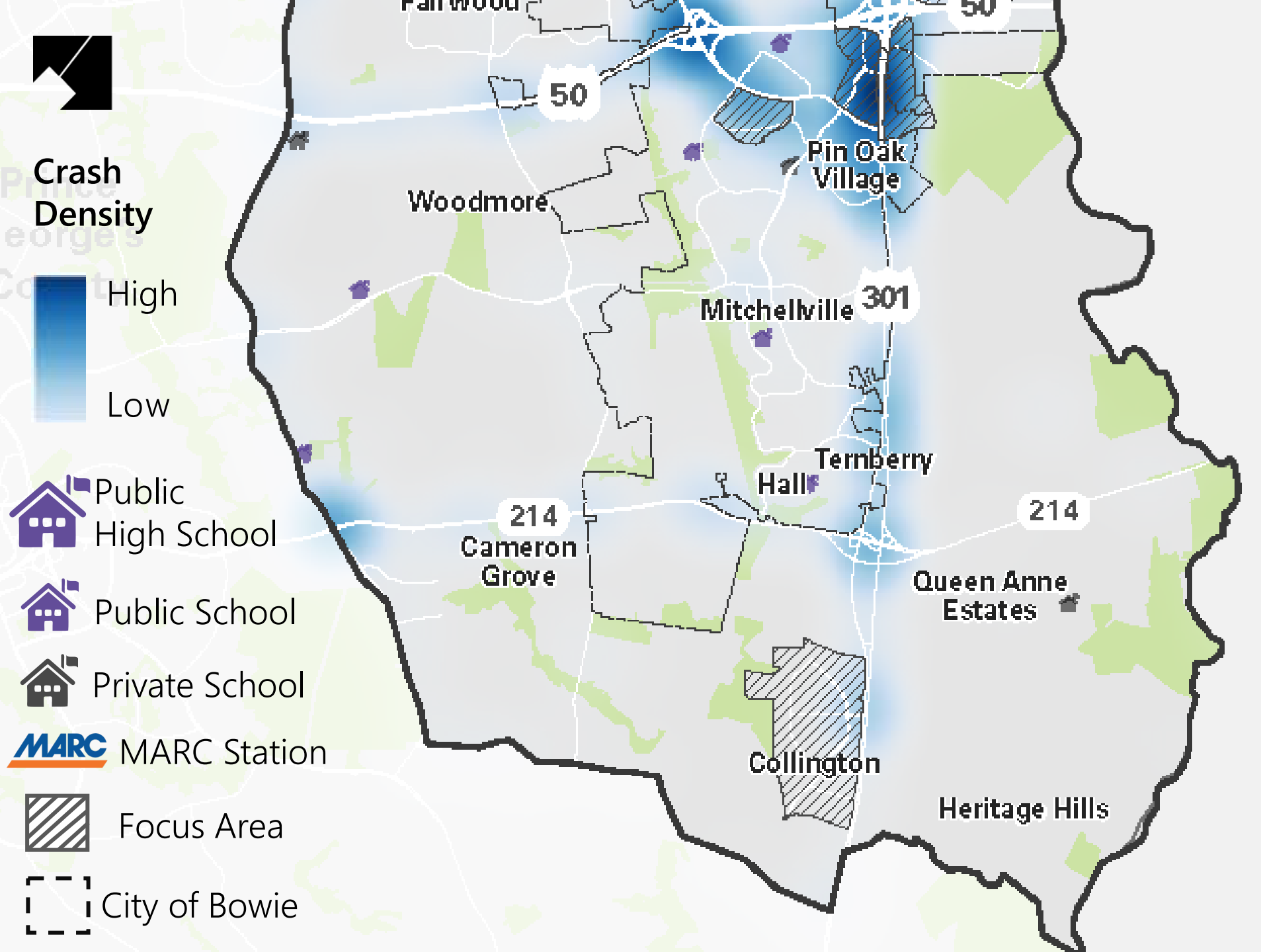


-  Public High School
-  Public School
-  Private School
-  MARC Station
-  Focus Area
-  City of Bowie



# VEHICLE CRASHES (2015-2019)





# VEHICLE CRASHES (2015-2019)



# QUESTION #1

What is your transportation experience in the plan area?

How about the focus areas and corridors?



# QUESTION #2

What are your most common/frequent destinations in the plan area?

How do you get there and how do you get back home (origin)?



# QUESTION #3

If there were more sidewalks, bicycle lanes and trails would you walk or bike more?

Where would you like to see more sidewalks, bicycle lanes and trails in the plan area?



# QUESTION #4

Do you use public transportation (Buses, train, etc.)?

Is it adequate (in this area)? Is there anything that would encourage you to use it more?

If bikeshare or electric scooters were allowed in park areas would you feel safe using them?



# QUESTION #5

What and where are there safety issues in the transportation network?



# QUESTION #6

Where are there opportunities to improve existing transportation networks and promote alternative forms of transportation (walking, bicycling, public transit, and more)?



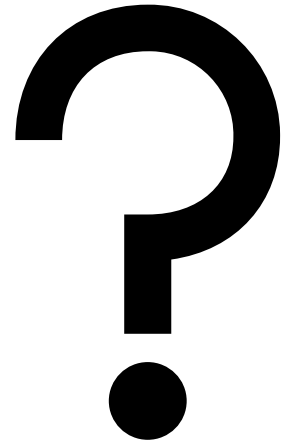
# QUESTION #7

Overall, what type of transportation related topics would you like to see addressed in the plan?



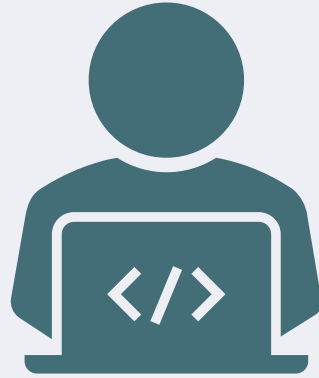


**QUESTIONS?**





# UPCOMING - PLAYBOOK OF STRATEGIES



Virtual Presentation –  
Playbook of Strategies

November 12, 2020  
7:00 p.m. to 8:30 p.m.

- Reviews data and feedback received
- Creates urban design schemes for certain nodes
- Addresses challenges within each of the plan elements



# COMMUNITY CHATS

## PLANNING ELEMENTS



Economic Prosperity



Community  
Heritage, Culture  
& Design



Housing &  
Neighborhoods



Healthy  
Communities



Land Use



Public  
Facilities



Transportation  
& Mobility



Natural  
Environment

- Tonight concludes our community chat series

- Watch our previous chats on our website

<https://www.mncppc.org/3390/Bowie-Mitchellville-Master-Plan>



**Thomas Lester**  
Project Manager  
Community Planning Division  
M-NCPPC  
[Thomas.Lester@ppd.mncppc.org](mailto:Thomas.Lester@ppd.mncppc.org)

# THANK YOU

Visit the website & download the PDF  
<https://bowievicinity.konveio.com/draft-existing-conditions-report>