



# Bikeable Baltimore Region Project

Technical Committee

April 2, 2024



# Bikeable Baltimore Region

*A Plan for a Safe  
and Connected  
Biking Network*

UPWP project, Vision for a  
Regional Bicycle Network



# Purpose

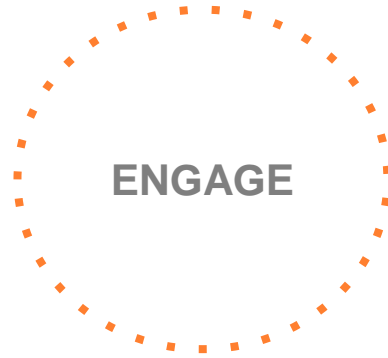
- Develop a regional bicycle network vision
- Equitable and connected bicycle network that is comfortable for and all ages and abilities
- Regional network will benefit the region by improving safety, equitable access to housing, job opportunities, transit, schools, core services, and recreational amenities while also increasing active transportation rates



# Purpose



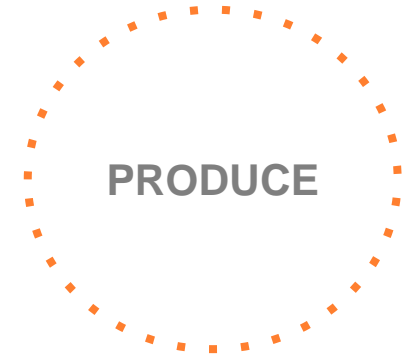
Build off of past efforts, understand current conditions and quality check bicycle inventory



Collaborate with stakeholders and the public to identify a vision for biking

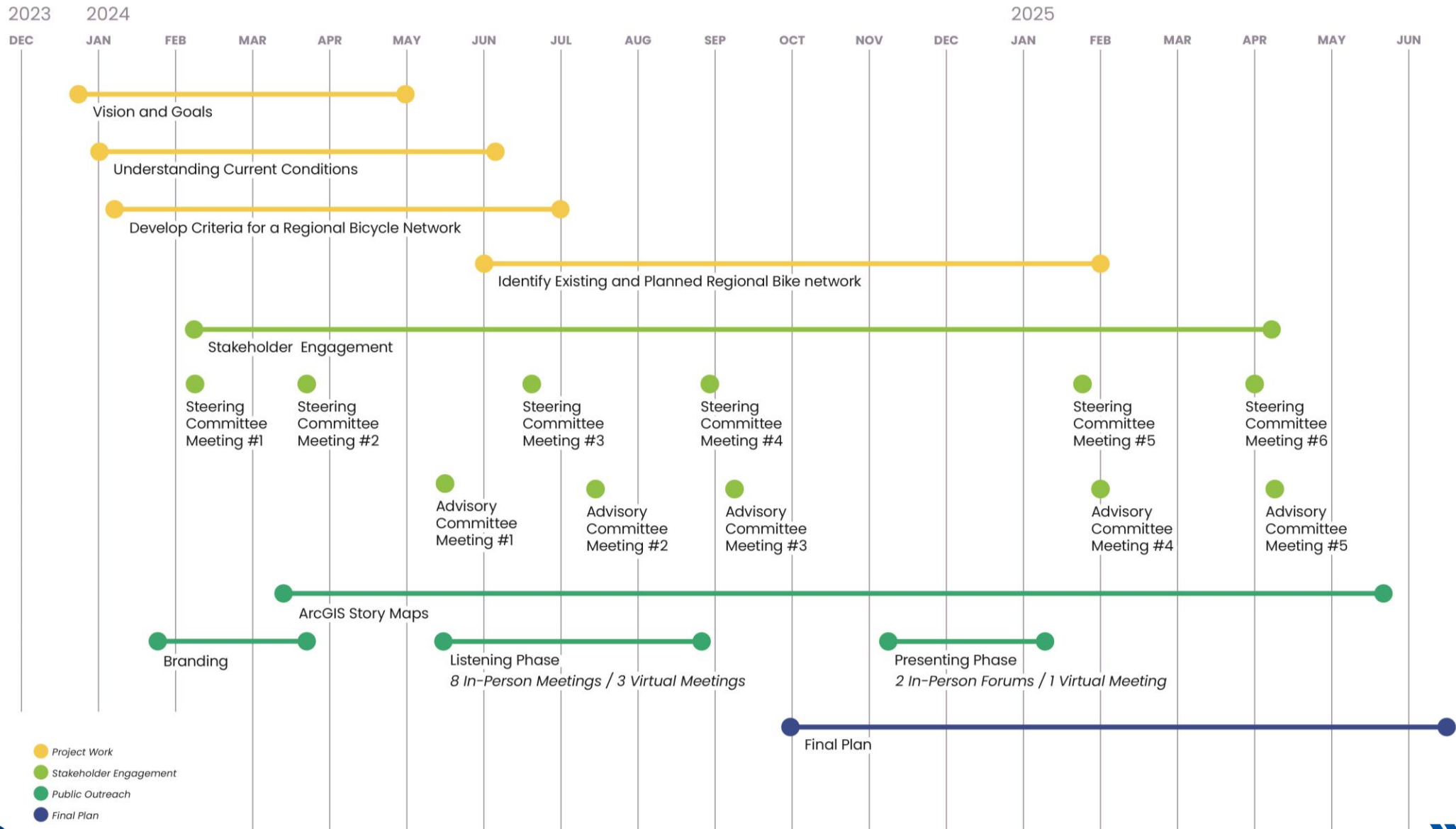


Recommend criteria to identify and prioritize a regional network



Identify implementation strategies that are context sensitive and increase awareness

# Schedule



# Engagement Approach



Steering  
Committee  
  
Advisory  
Committee  
  
BRTB Technical  
Committee +  
BPAG  
Presentations



## Listening Phase

- 8 local jurisdiction in-person meetings
- 3 pop-up equity focused meetings (in-person or virtual)

## Presenting Phase

- 2 In-person Meetings
- Virtual Meeting



Handlebar  
Interviews in 6  
locations across  
the region  
  
Meeting-in-a-box  
materials to  
extend our reach



Interactive  
StoryMap updated  
3x throughout the  
project  
  
Online Surveys

# Proposed Framework



## Vision

Defines broad ambitions driving the project.



## Goals

Specific aspirations that the project must follow to advance the vision



## Criteria

Method for selecting recommendations that draws on input and data analysis.



## Objectives

Types of connections needed to achieve the vision and goals.



## Recommendations

Project-level and policy recommendations that advance the project's vision.



## Performance Measures

Measure how the recommendations are achieving the project's objectives over time.

# Existing Conditions Analysis

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# Current Conditions

**Demand Analysis:** Where is the most demand for biking?

**Existing Network Summary:** What is the bike network like today?

**Equity:** Where are vulnerable populations that we need to serve?

**MDOT LTS Regional Summary:** How comfortable and accessible is the bike network?

**Mode Share:** How and where are people biking today?

**Safety Analysis:** What areas are experiencing the most critical safety issues?

**These analyses will be compared to provide cumulative insights.**

# Demand Approach

## MDOT Short Trip Opportunity Areas:

- Population and Employment Density
- Transit and School Coverage
- Zero Car Households

## Layers (Bivariate):

- Park and recreational areas
- Equity
- Existing Network / Bicycle Accessibility

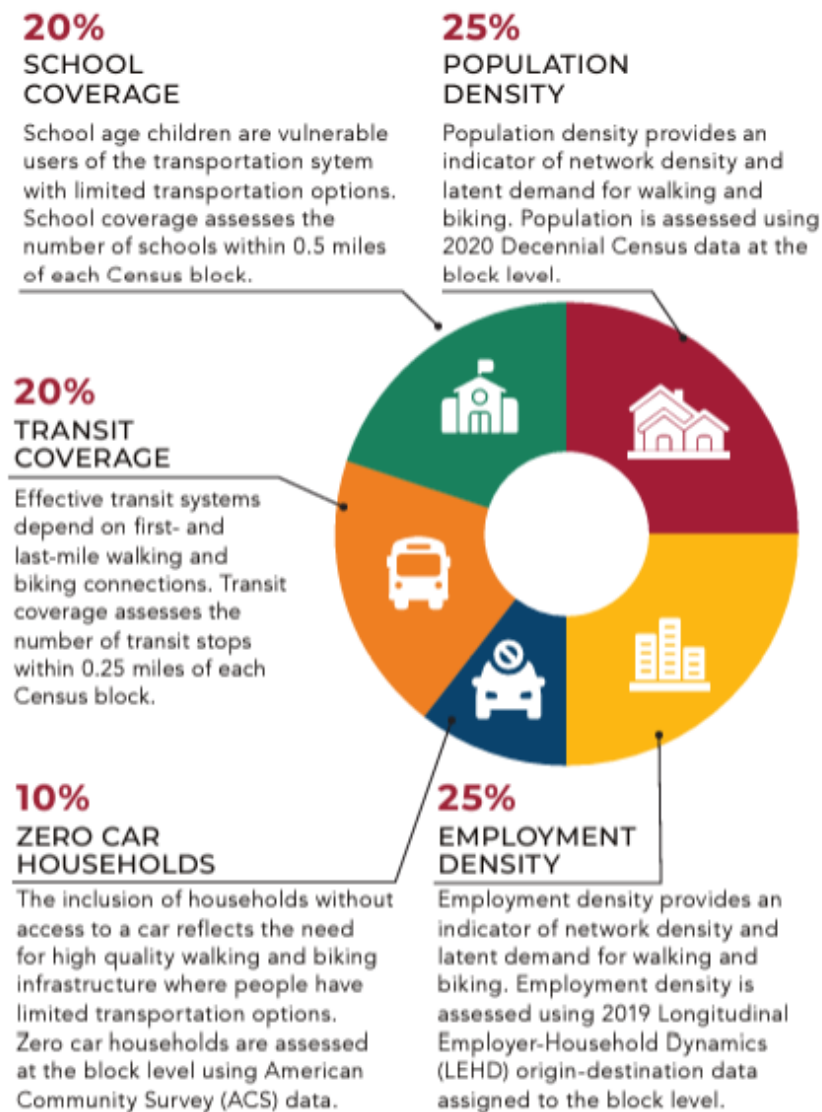
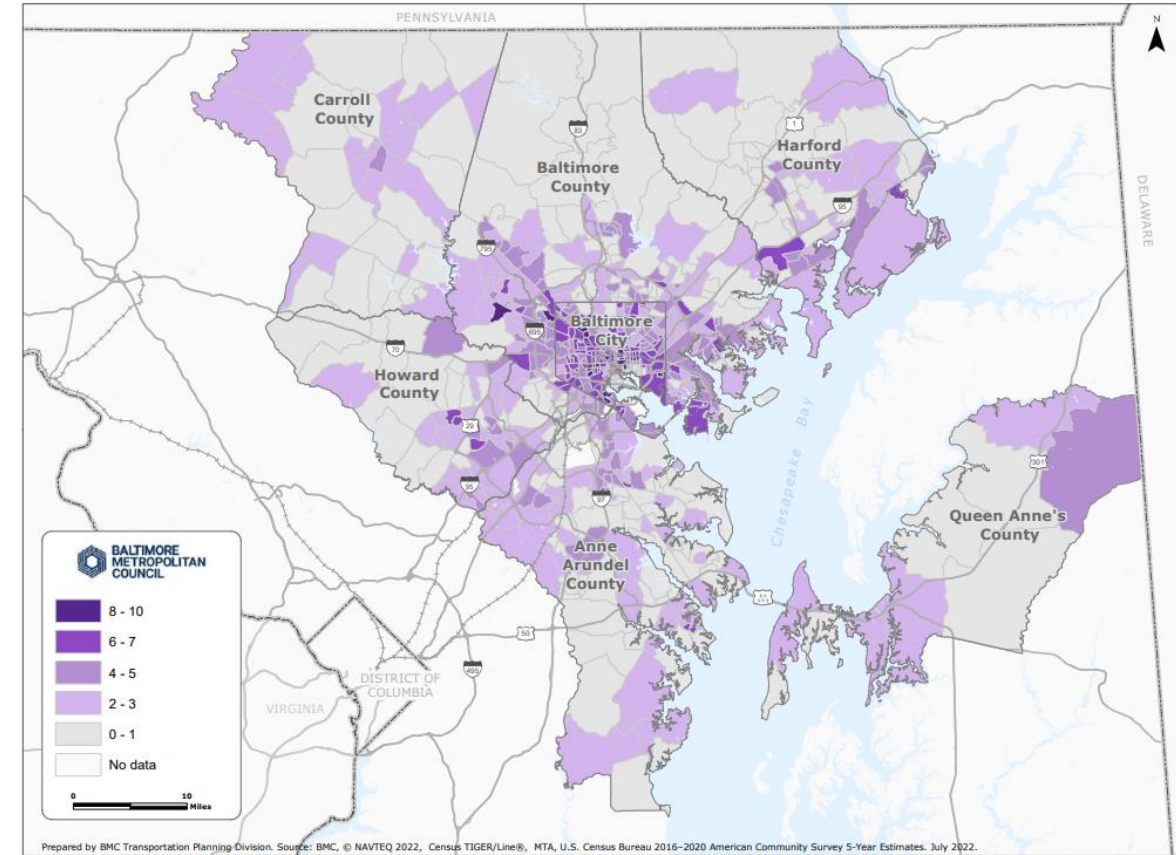
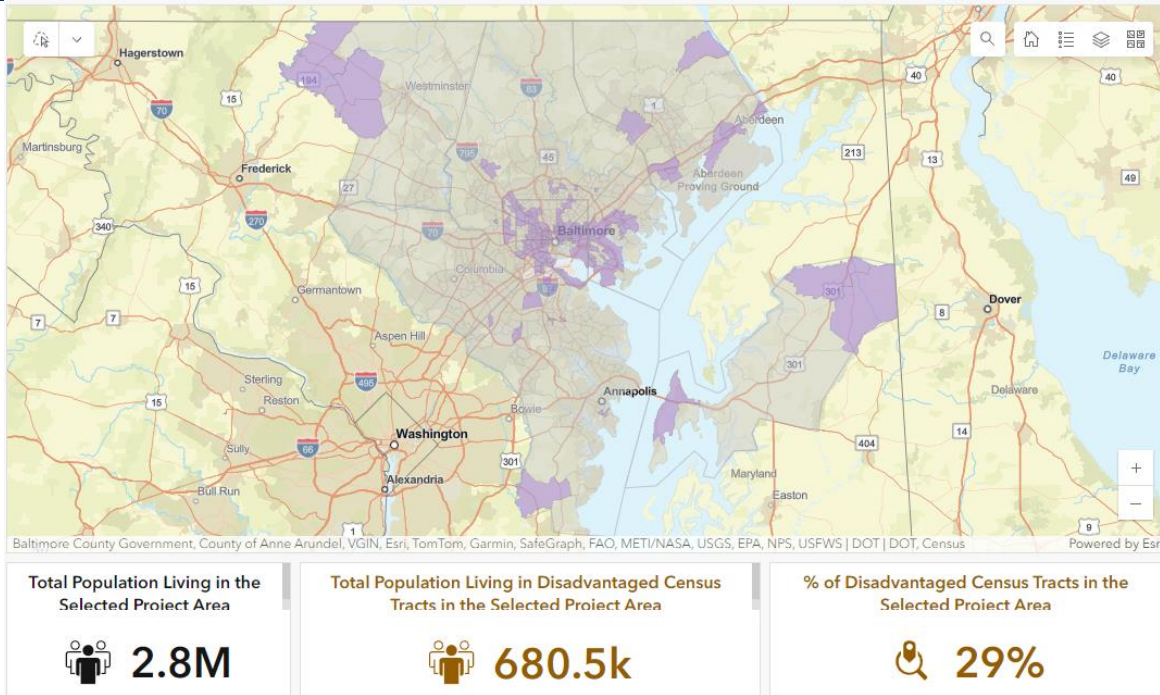


FIGURE 10: Short Trip Opportunity Area Criteria Weighting

Graphic: 2050 Maryland Statewide Bicycle and Pedestrian Master Plan

# Equity Approach



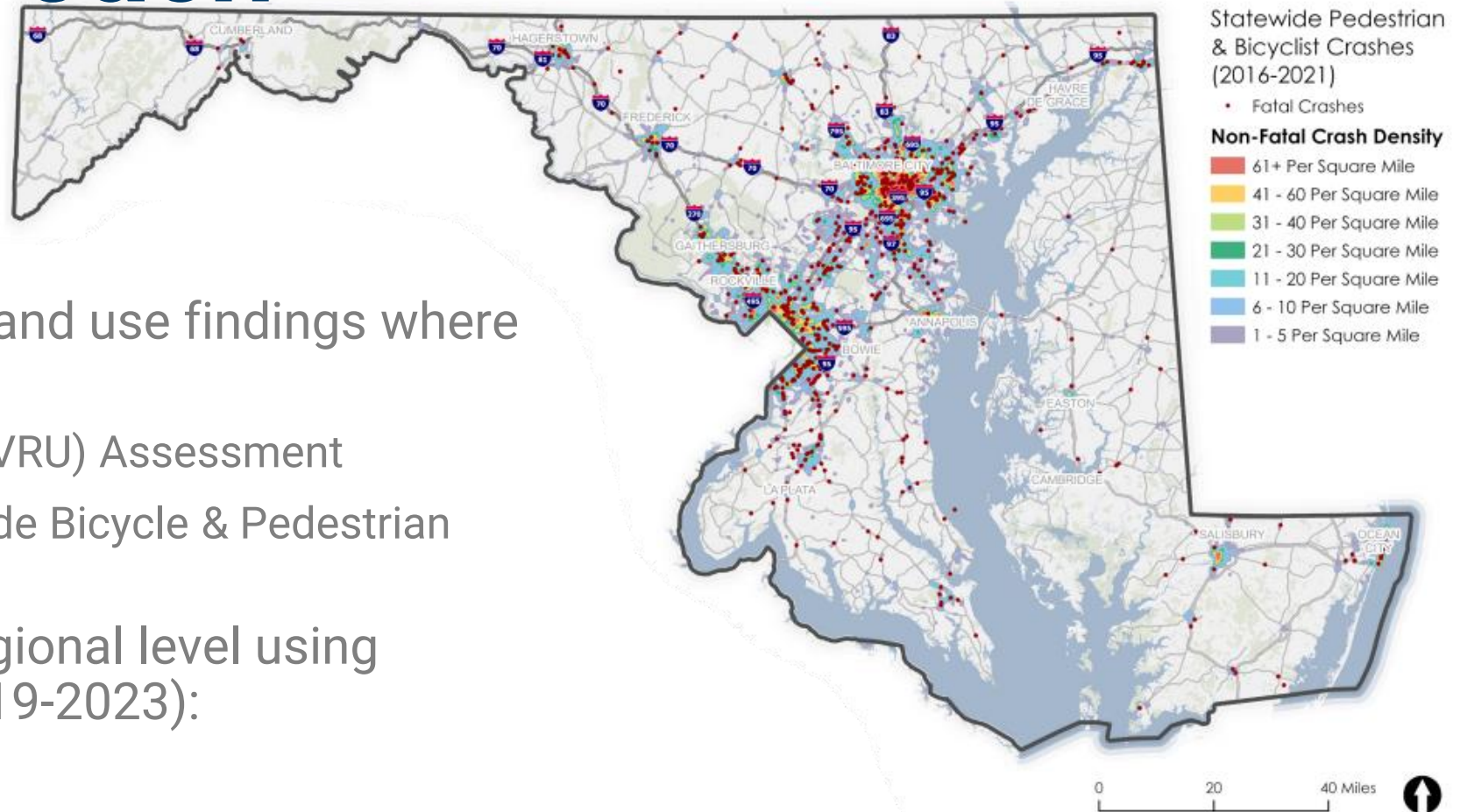
Vulnerable Populations Index (BMC)  
Disadvantaged Communities (USDOT)



Compare to each other and with other data  
(demand, accessibility/existing network)

# Safety Approach

- Refer to previous plans and use findings where appropriate, such as:
  - Vulnerable Road User (VRU) Assessment
  - 2050 Maryland Statewide Bicycle & Pedestrian Master Plan
- Analyze safety at the regional level using updated crash data (2019-2023):
  - Heat map
  - Statistics
  - Crash Severity Index map



Graphic: 2050 Maryland Statewide Bicycle and Pedestrian Master Plan

FIGURE 12: Statewide Pedestrian & Bicyclist Crashes (2016-2021)

# For More Information

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