

MARTIN STREET SHARED USE PATH

PUBLIC MEETING
SEPTEMBER 10, 2024





Agenda

- Project Overview
- Existing Conditions
- Proposed Design Concept
- Operational Considerations
- Costs/Impacts
- Questions & Comments

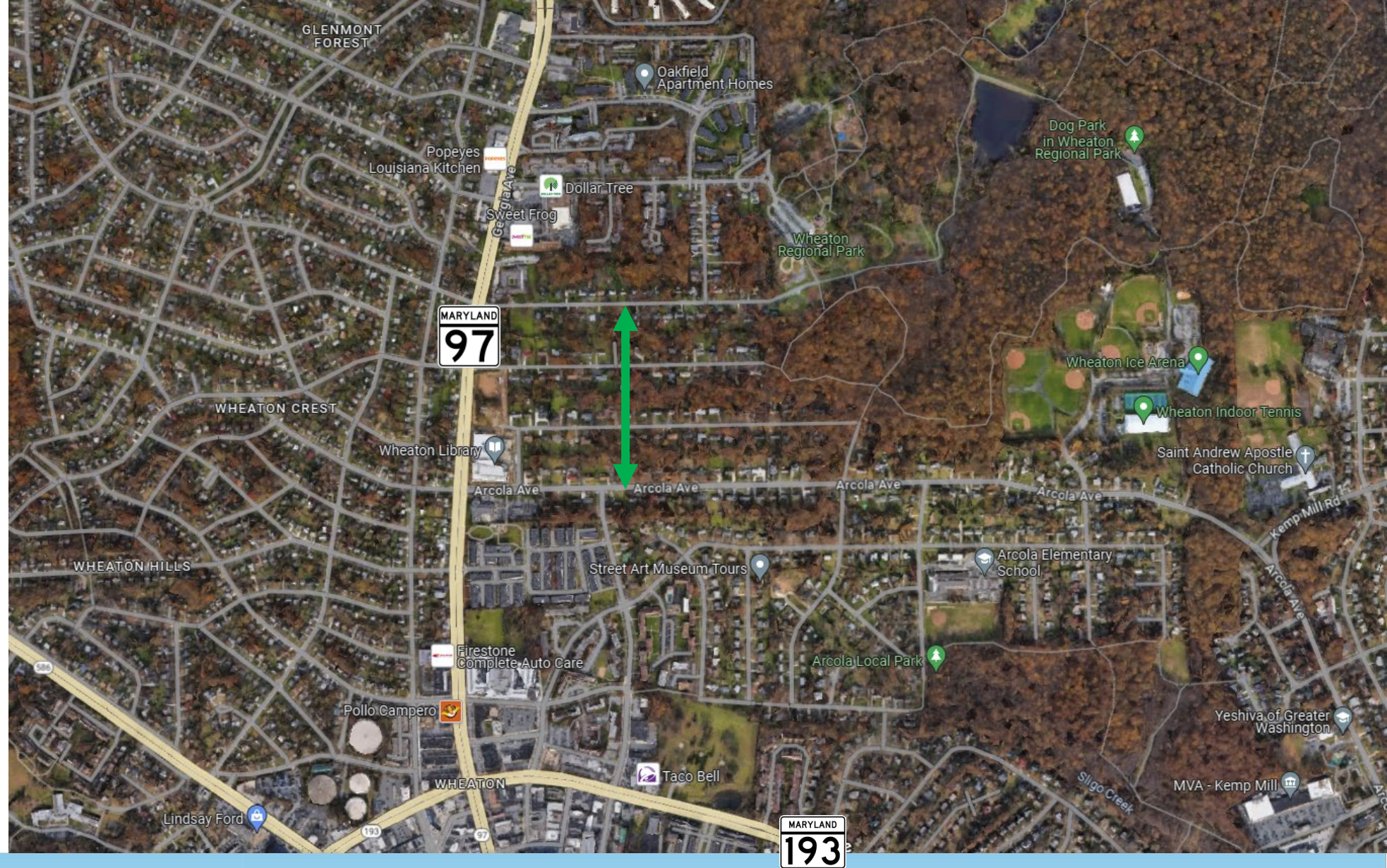


Project Team

- MC DOT
 - Cameron McAllister, Sr. Planning Specialist – Project Manager
 - Rebecca S. Park, P.E., Transportation Engineering Unit Manager
 - Dan Sheridan, P.E., Planning & Design Section Chief
 - Consulting Design Team – Mead & Hunt
 - Bryon White
 - Will White

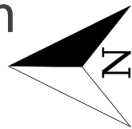


Project Area



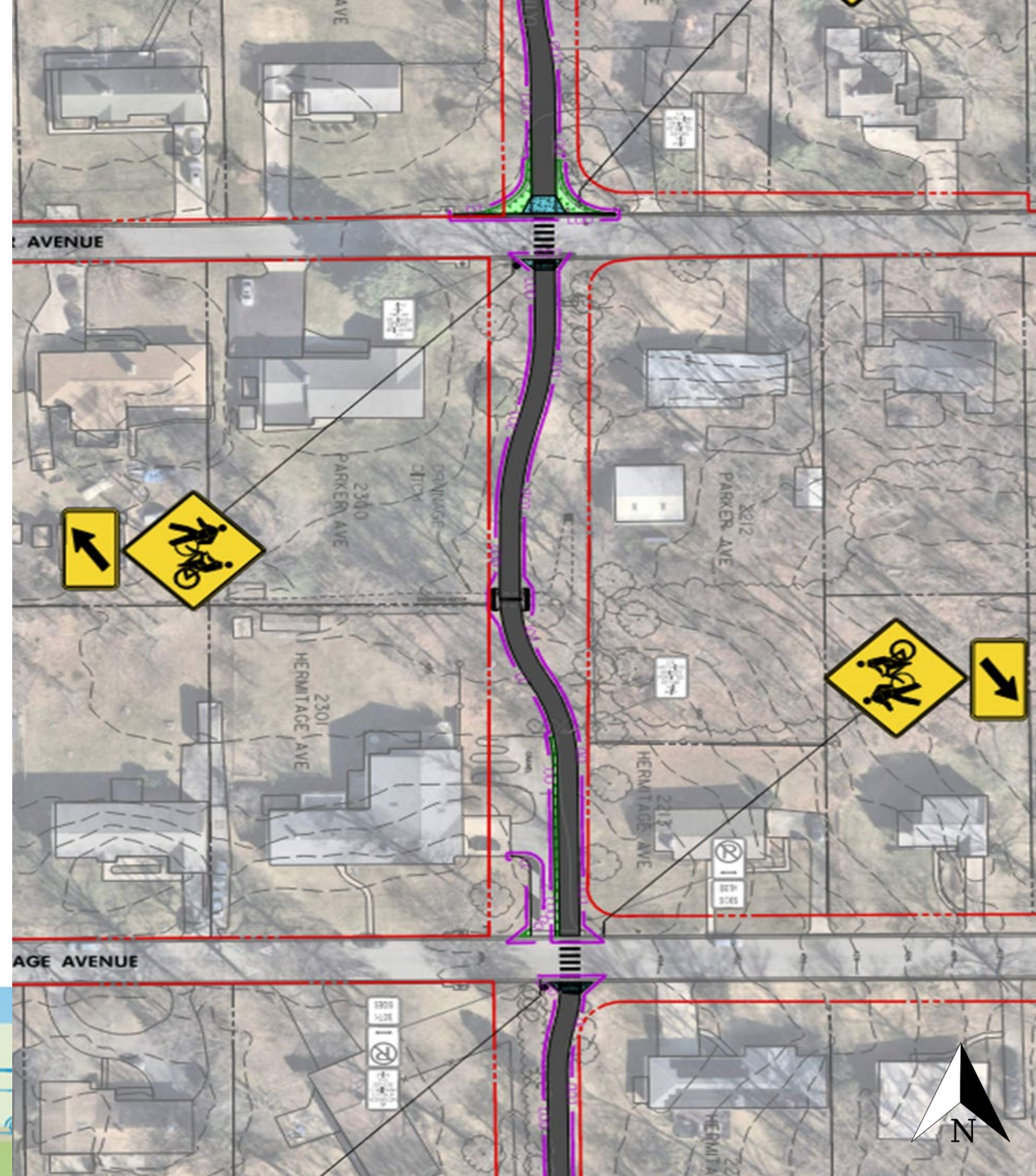
Project Overview

- Project Area – Martin Street, an undeveloped Street from Arcola Ave to Henderson Ave
- Project Purpose
 - Pedestrian & bike improvements
 - Planning study – not funded for final design/construction



Design Criteria/Background

- Montgomery County Guidelines
 - Bicycle Master Plan
 - Complete Streets Design Guide
- Background
 - The [THRIVE 2050](#) General Plan set the goal of “developing a safe, comfortable and appealing network for walking, biking and rolling.”
 - Existing “desire line” showing the site is frequently, but informally, used already
 - Residents have requested that the County-owned, undeveloped street be converted to a trail
 - Project is supplementary to the Safe Streets for All Project currently underway





Project Goals

- Improve access and safety for all people using the site
- Convert a dirt path to an ADA compliant trail
- Reduce Airborne pollutants
- Improve roadway safety by providing an alternate route for vulnerable users that is fully separated from automobile traffic





Project Considerations

- Drainage patterns and street grade
 - Intercepting and treating run-off
 - Ensuring ADA compliance and access
- Traffic calming & Pedestrian Crossings
 - Two mid-block street crossings
 - Tie-in to Amherst Avenue Cycletrack
- Property and right-of-way – the entire project is within existing Montgomery County ROW and no physical impact to other property is anticipated.



Martin Street: Existing Conditions

➤ At Arcola Ave Intersection



Martin Street: Existing Conditions

- At Hermitage Ave Intersection



Martin Street: Existing Conditions

➤ At Parker Ave Intersection



Looking South



Looking South



Looking North



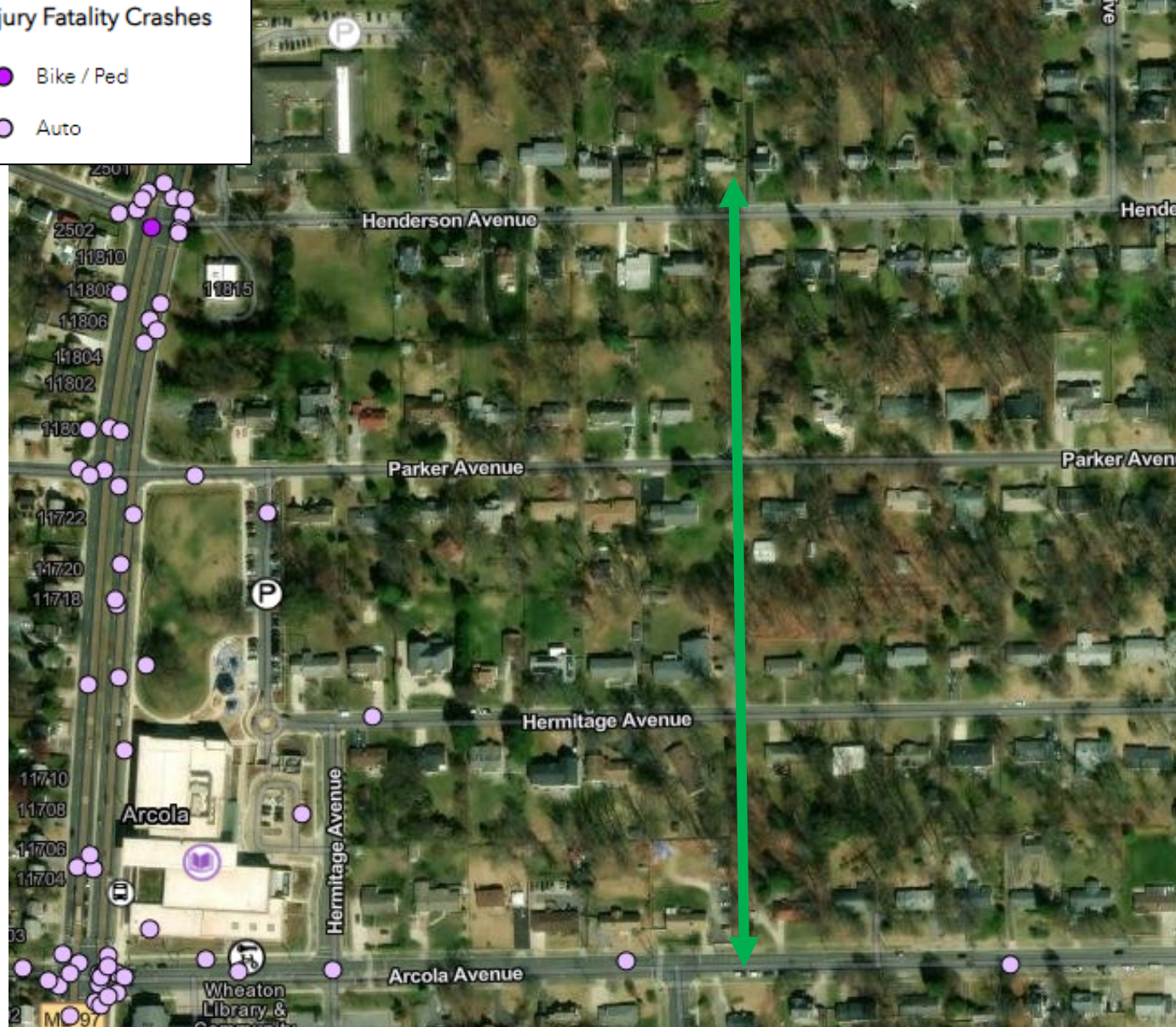
Martin Street: Existing Conditions

- At Henderson Ave Intersection



Injury Fatality Crashes

- Bike / Ped
- Auto



Safety Considerations

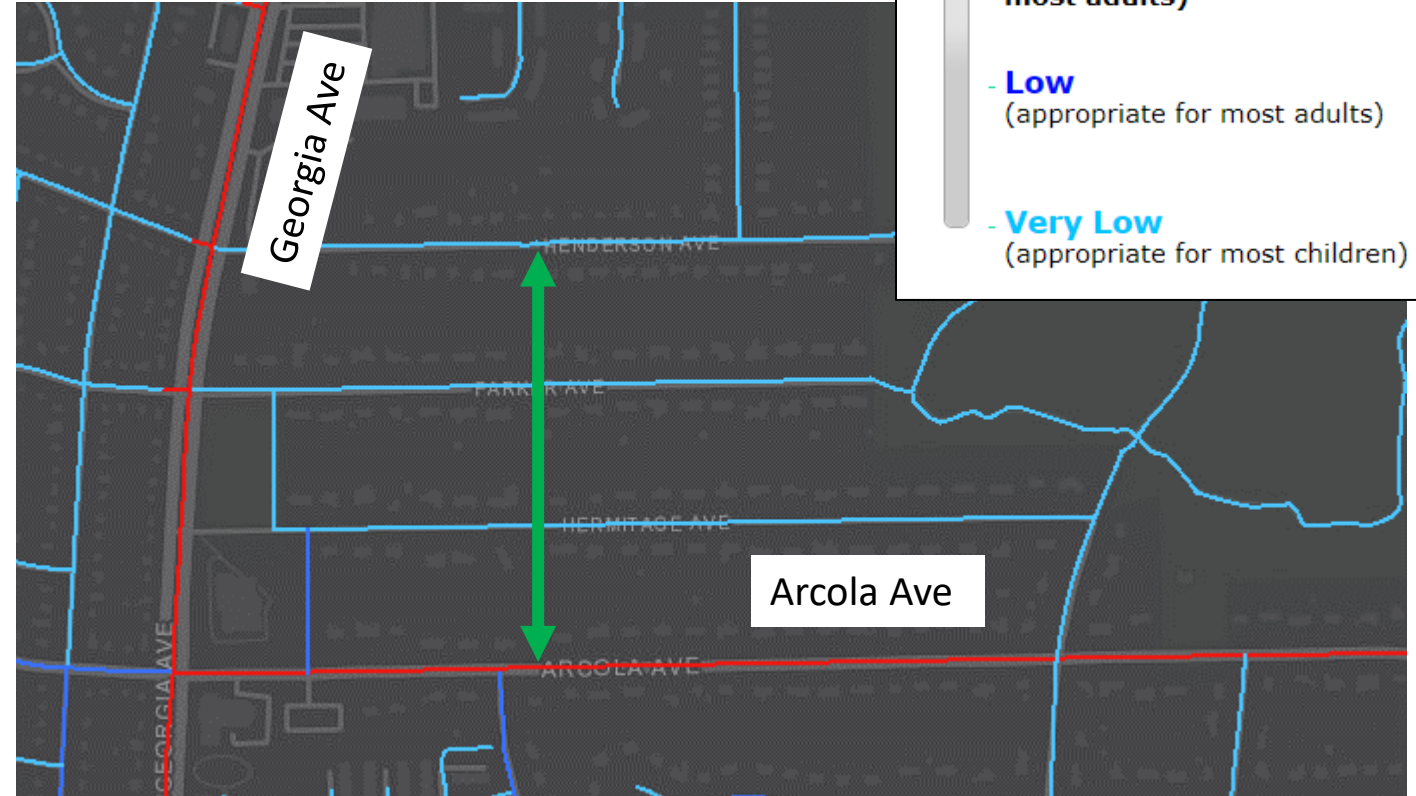
- Provide a safe alternative route
 - Avoids Georgia Avenue for vulnerable users
 - ADA compliant route
- Provides direct local access Library and Rec Center
- Crossing distances – time needed to cross the residential streets
- Provide clear traffic control devices, signing, and pavement markings for all travel modes



Operational Considerations

County Bicycle Stress Map

- Existing Conditions
- High Stress on Georgia & Arcola Ave.
- Existing goat path is not currently bikeable
- Project will bypass these routes for people walking & biking



Stress Tolerance Levels

- **High & Moderate**
(inappropriate for children & most adults)
- **Low**
(appropriate for most adults)
- **Very Low**
(appropriate for most children)



Planned Upgrades

Planned Facilities

- Paved, ADA compliant, 10' wide Trail
- Crosswalks and Signage
- Lighting
- Stormwater Treatment
- Connection to planned and Existing Facilities



Montgomery County's Paint Branch Trail (Photo by Vanessa Junkin)

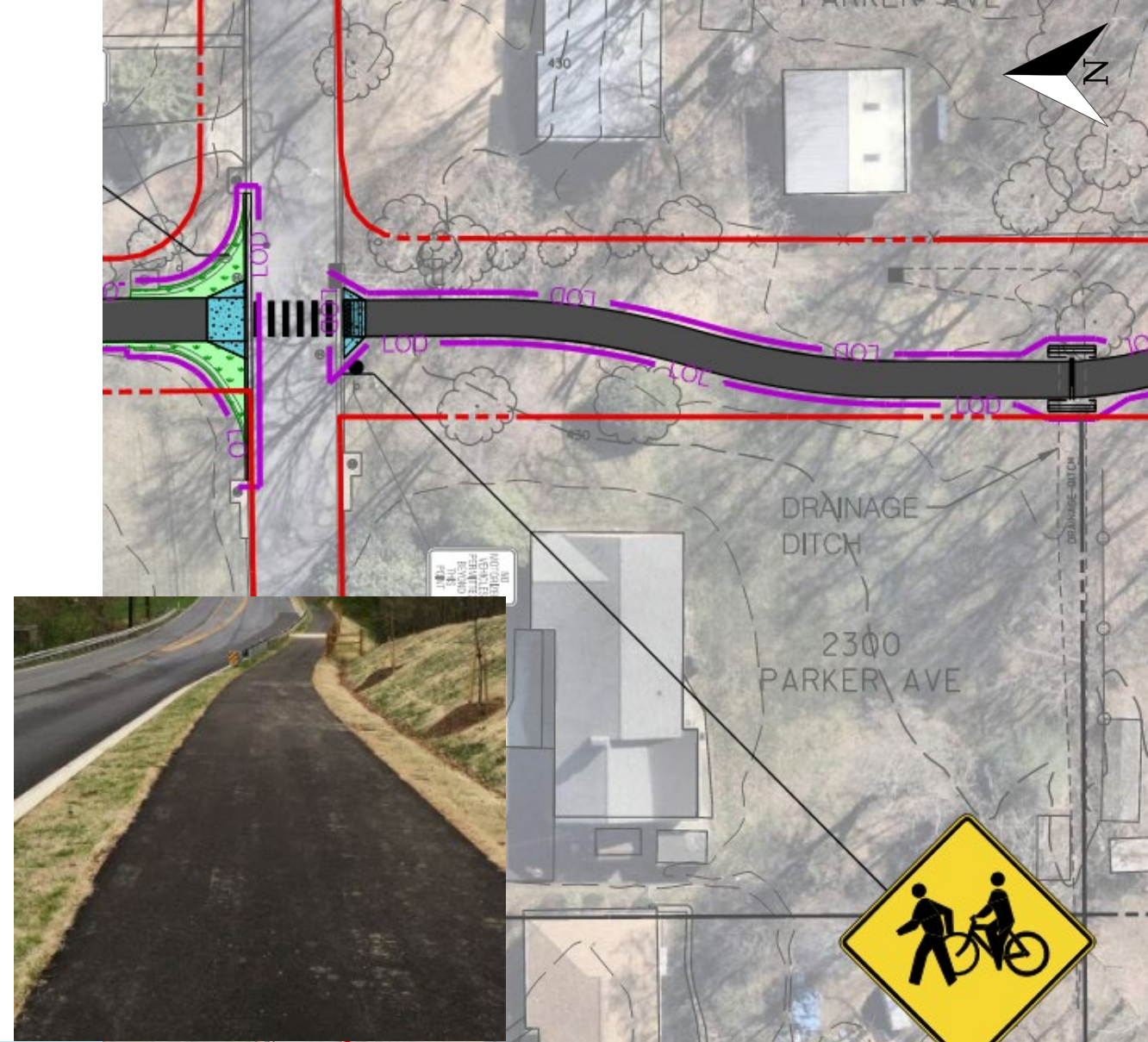


Design Considerations

During Design Process

- Special care to be given to mid-block crossings
 - Hermitage Avenue
 - Parker Avenue
 - Henderson Avenue (potentially)
- Ensure safe tie-in to future Amherst facility at Arcola Ave.
- Stormwater quality treatment can be accomplished with available space but doing so with low-maintenance means is vital

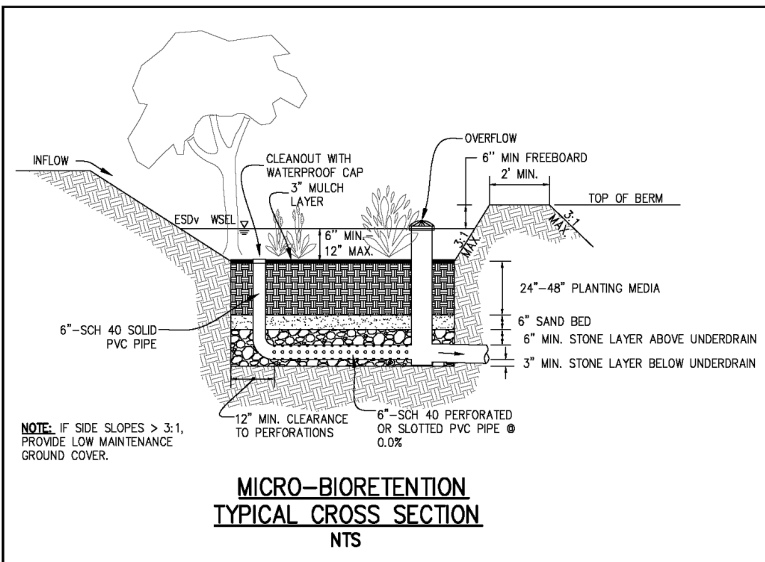
Example Shared Use Path – special attention should be given to drainage swales to deliver stormwater controls in a low maintenance manner, image courtesy of Montgomery County



Water Quality Options

Stormwater Treatment

- Rain Gardens
- Micro-bioretention
- Bio Swales



A low-maintenance stormwater facility such as this rain garden with overflow is an ideal potential solution. Photo courtesy of Montgomery County



Before

Martin St at Henderson Ave



After

Martin St at Henderson Ave



Next Steps

Summer/Fall
2024

- Presentation/Community Input
- Finalize Concept Design & Feasibility Report

Fall/ Winter
2024

- Submit for Mandatory Referral

Winter/Spring
2025

- Begin Construction Drawings
Development/Design

Summer
2025

- Design Completion

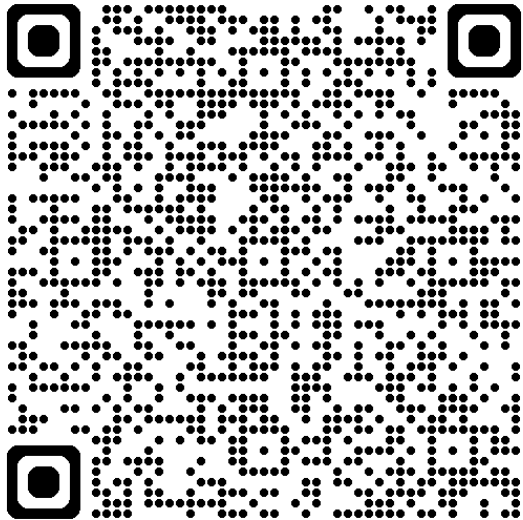


Questions & Comments

Cameron McAllister

- Cameron.McAllister@montgomerycountymd.gov
- **Project Website**
 - <https://www.montgomerycountymd.gov/dot-dte/projects/martinstreet/index.html>
- **Comment here**
 - <https://forms.office.com/pages/responsepage.aspx?id=-bEBbuWxc0Csl3eAaaCtZLPFvHo8Lq1DoHSGxMGwscdUMFVWUUJTVVpPVFk5T1VJOTBNQzJUSjJTOC4u>

COMMENT FORM



PROJECT WEBSITE

