

NEW DESIGN ROAD SIDE PATH, PHASE 1

Previous Studies

- Frederick County Bikeways & Trails Plan
- Main Street Connector Trail/Bikeway: Systematic Prioritization and Project Planning

Transportation Land-Use Connections (TLC) Program

- Program overview
- Grant Application & Award

The Design Process

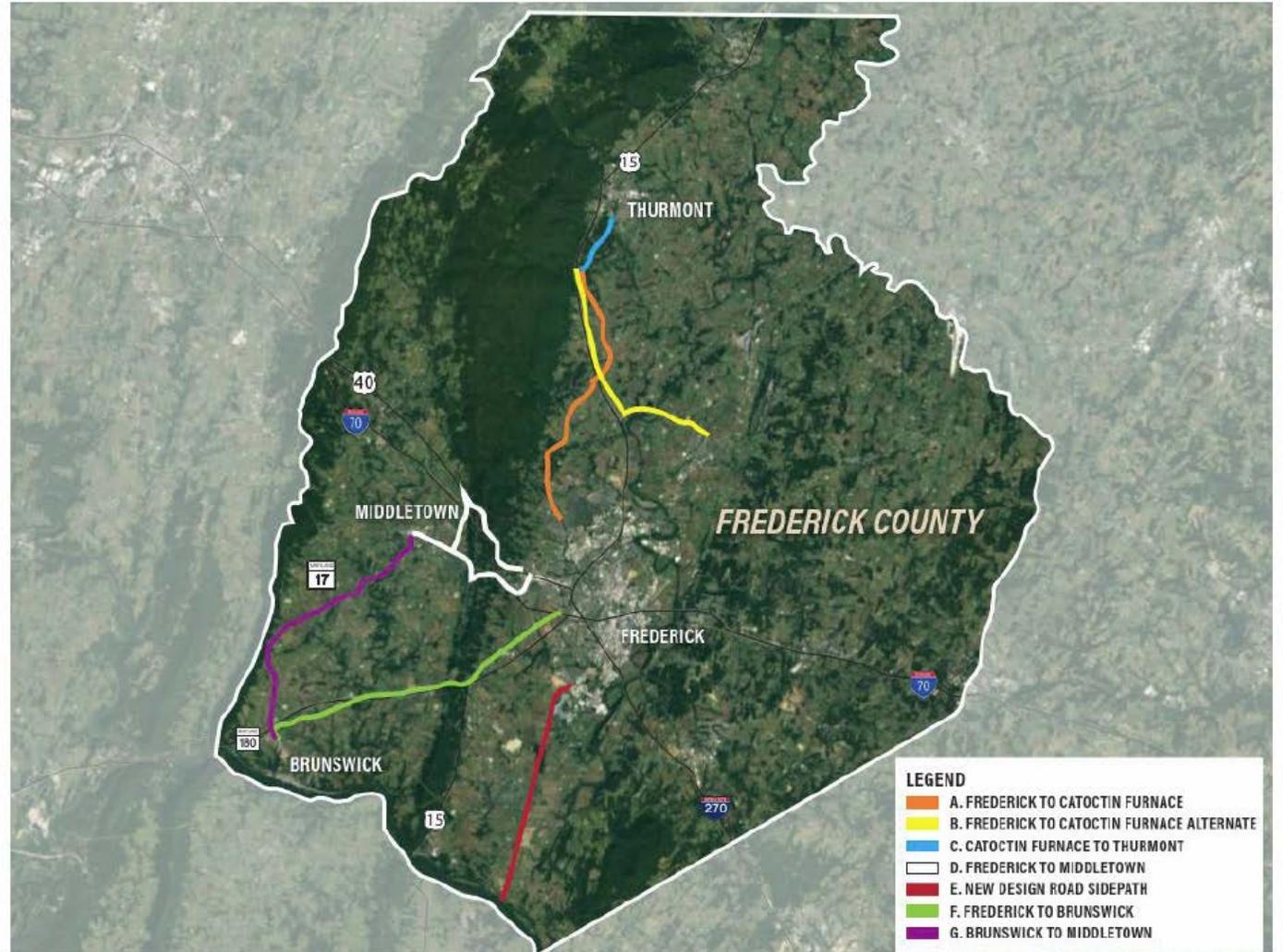
- 30% Design Development

Next Steps

Previous Studies

- Frederick County Bikeways & Trails Plan
- Main Street Connector Trail/Bikeway: Systematic Prioritization and Project Planning

“The alternatives have been compared using the 2018 Frederick County Pedestrian and Bicycle Plan: Prioritization Criteria which considers Transportation, System Connectivity, Quality of Life Benefits, User Comfort, Agency & Public Support, Cost, and Ease of Implementation. The evaluation matrix summarizes the findings of the analysis. With relative scores noted and weights applied, *the total scores result in Segment E - New Design Road Side path being scored the highest...*”



Main Street Connector Trail/Bikeway: Systematic Prioritization and Project Planning Map

Transportation Land-Use Connections (TLC) Program

- The TLC Technical Assistance Program provides short-term consultant services to local jurisdictions for small planning projects that promote mixed-use, walkable communities and support a variety of transportation alternatives. The program provides consultant assistance of \$30,000 to \$60,000 for planning projects, and up to \$80,000 for design or preliminary engineering projects.



MWCOG -Project to Improve Bicycle, Pedestrian Access, and Trail Connectivity along K St. and Water Street Under the White Hearst Freeway Aqueduct

The Design Process

- Phase 1 is the first of a three-phase project that will connect the City of Frederick, MD with the Chesapeake & Ohio Canal National Historical Park and the Capital Trails Network.
- In future phases, the path will proceed south of Manor Woods Road through Adamstown to connect with the C&O Canal .



Phase 1 Study Area

The Design Process

- Existing Conditions Report



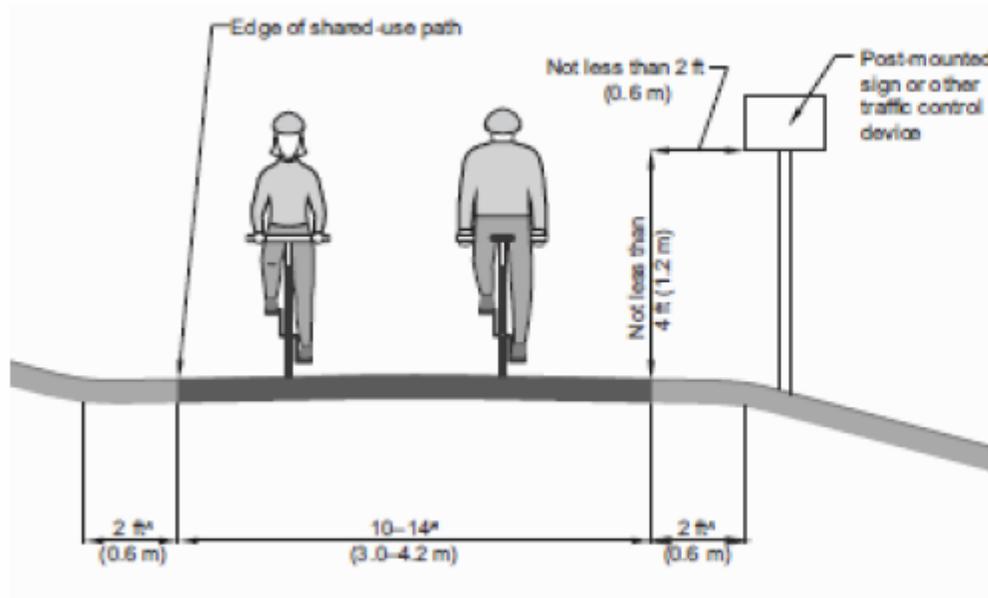
New Design Road – Wide County Right-of-Way on East Side



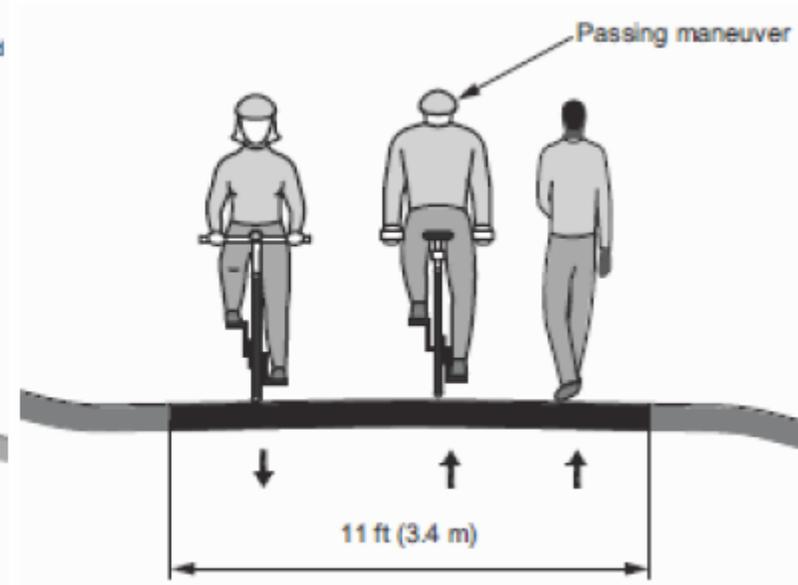
New Design Road – Steep Grades along Argos LLC Property

The Design Process

- 30% Design Plans for an 11-Foot-Wide Side Path Addressing the Latest Standards in Accessibility, User Comfort, and Safety.

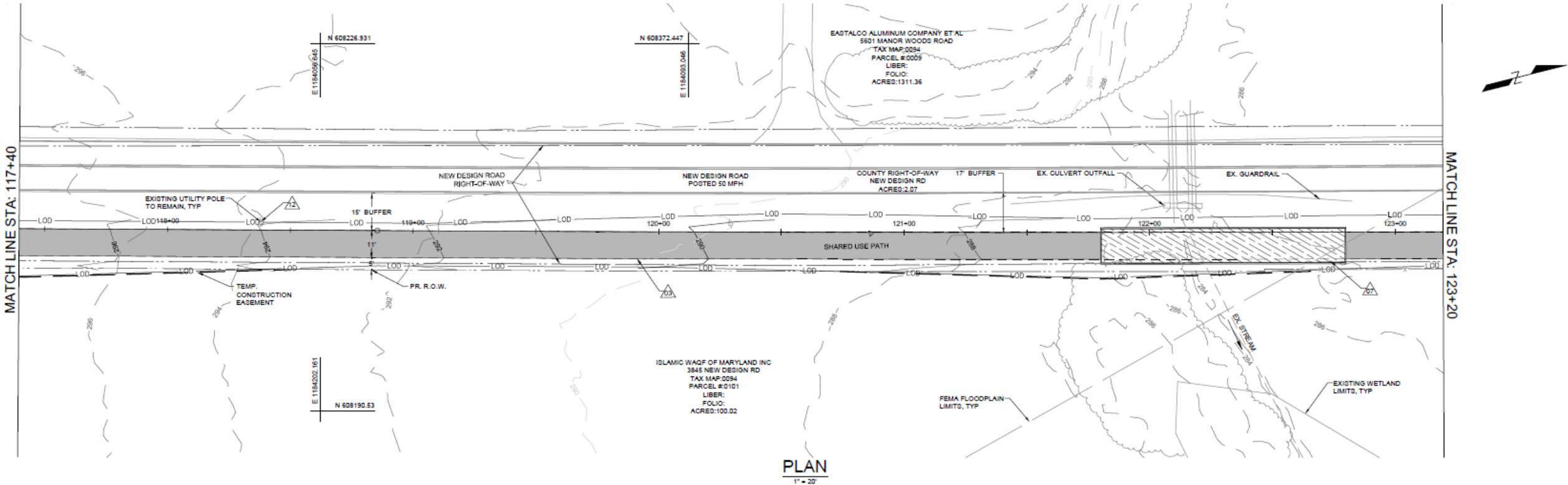


Typical Cross Section of Two-Way, Shared Use Path, AASHTO Bike Guide 2012



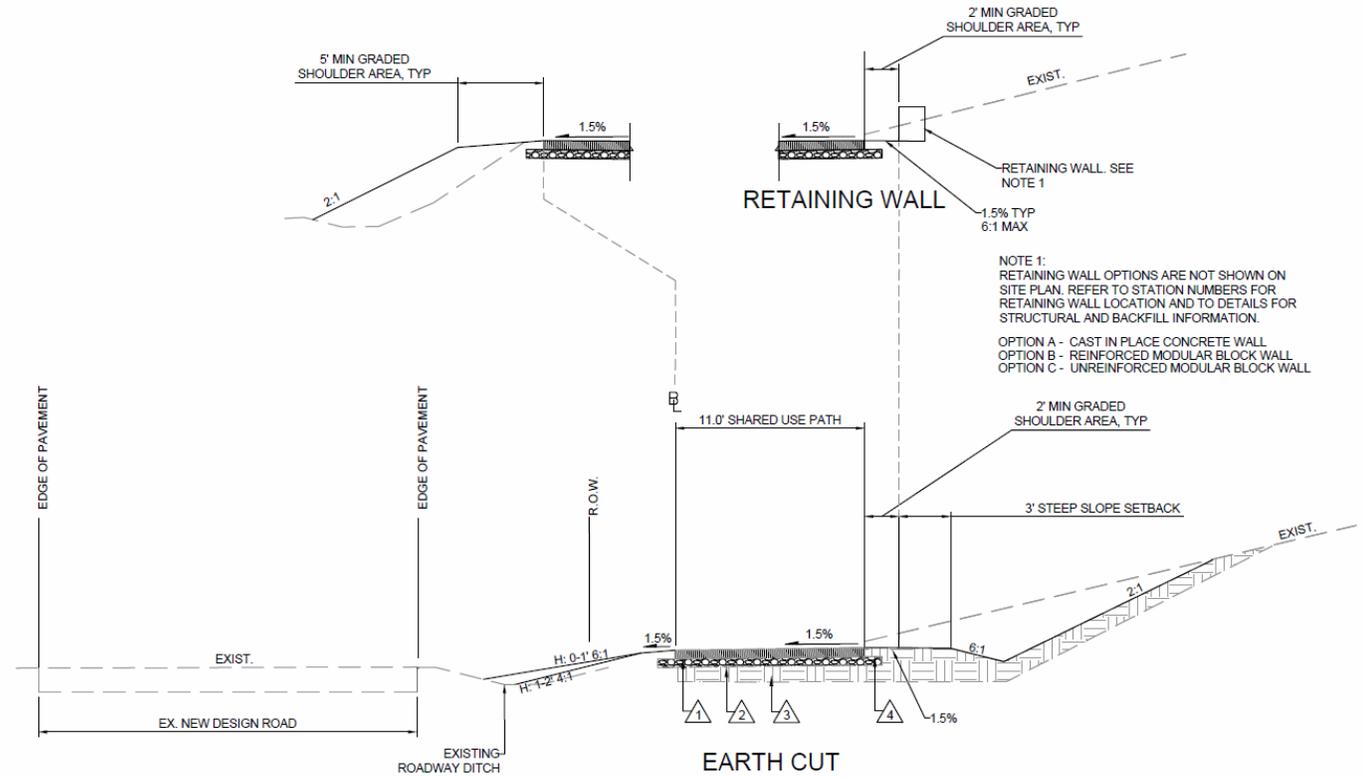
Minimum Width Needed to Facilitate Passing on a Shared Use Path, AASHTO Bike Guide 2012

The Design Process



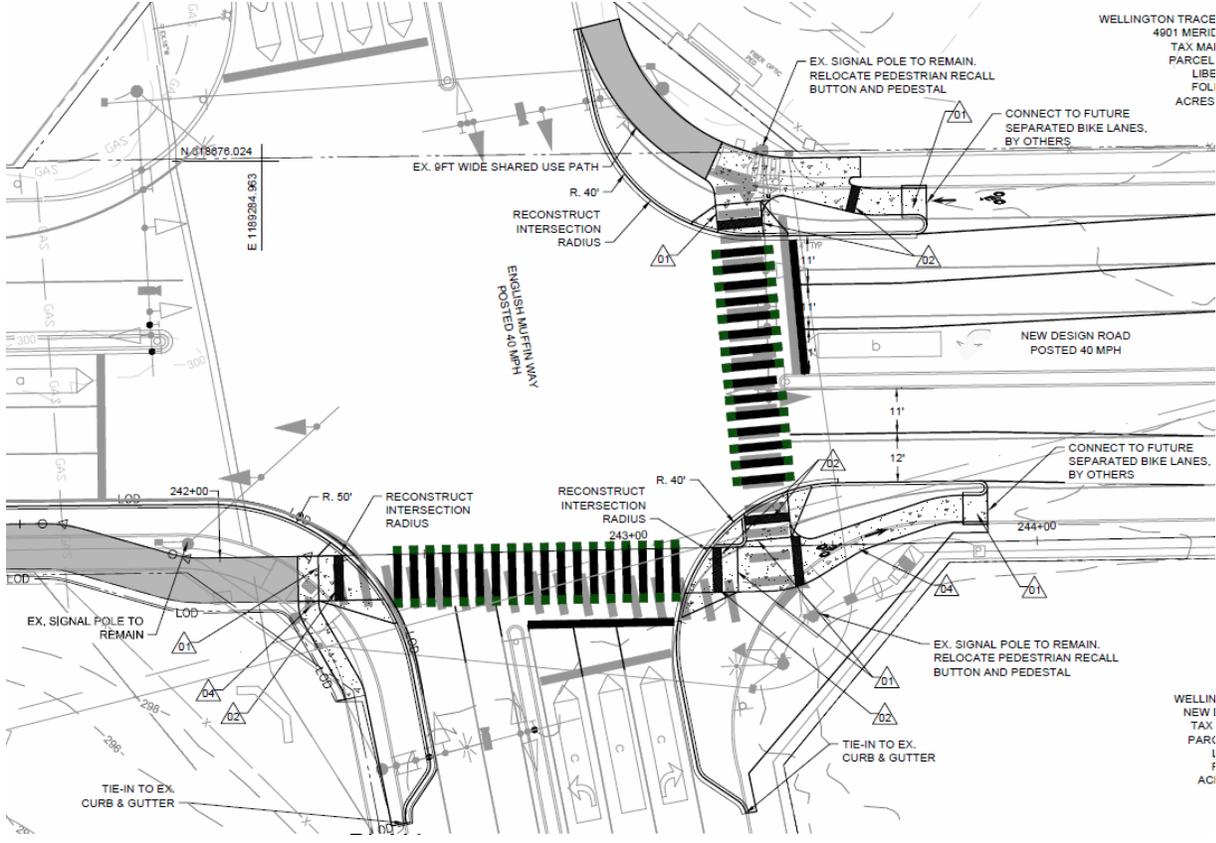
30% Design Plans – Stream Crossing

The Design Process



30% Design Plans – Steep Grade Treatment

The Design Process



30% Design Plans – Shared Use Path Transition to on Road Facilities

Next Steps

- The County will leverage the Phase 1 30% design plan and cost estimate to apply for Transportation Alternative Program (TAP) funding to advance the design and construction.

