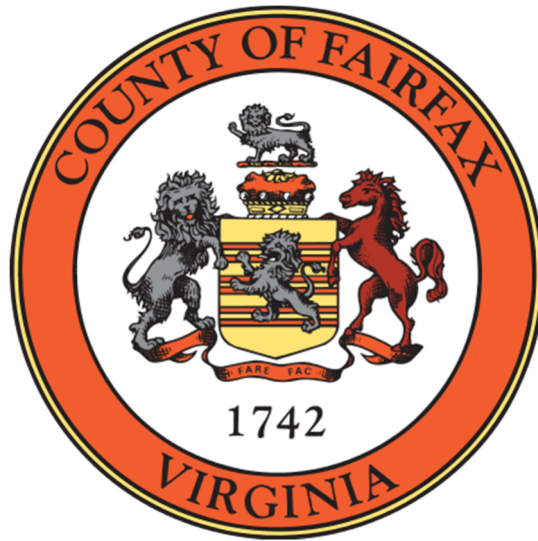


Fairfax County Transportation Improvements



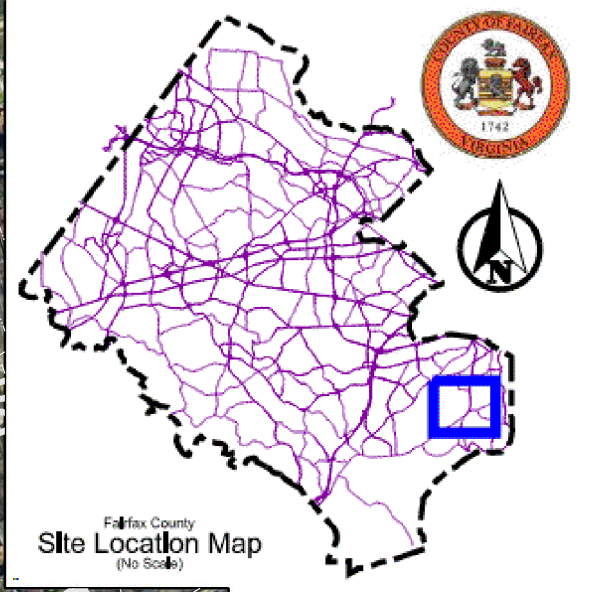
**Richmond Highway Corridor Improvements
Beacon Hill Road Bike Lane Spot Treatment**

**Estimate
May 2020**

Prepared for: Fairfax County Department of Transportation



5875 Trinity Pkwy, Suite 300
Centreville, VA 20120



Richmond Highway
Corridor Improvements
Beacon Hill Road
Bike Lane
Spot Treatment

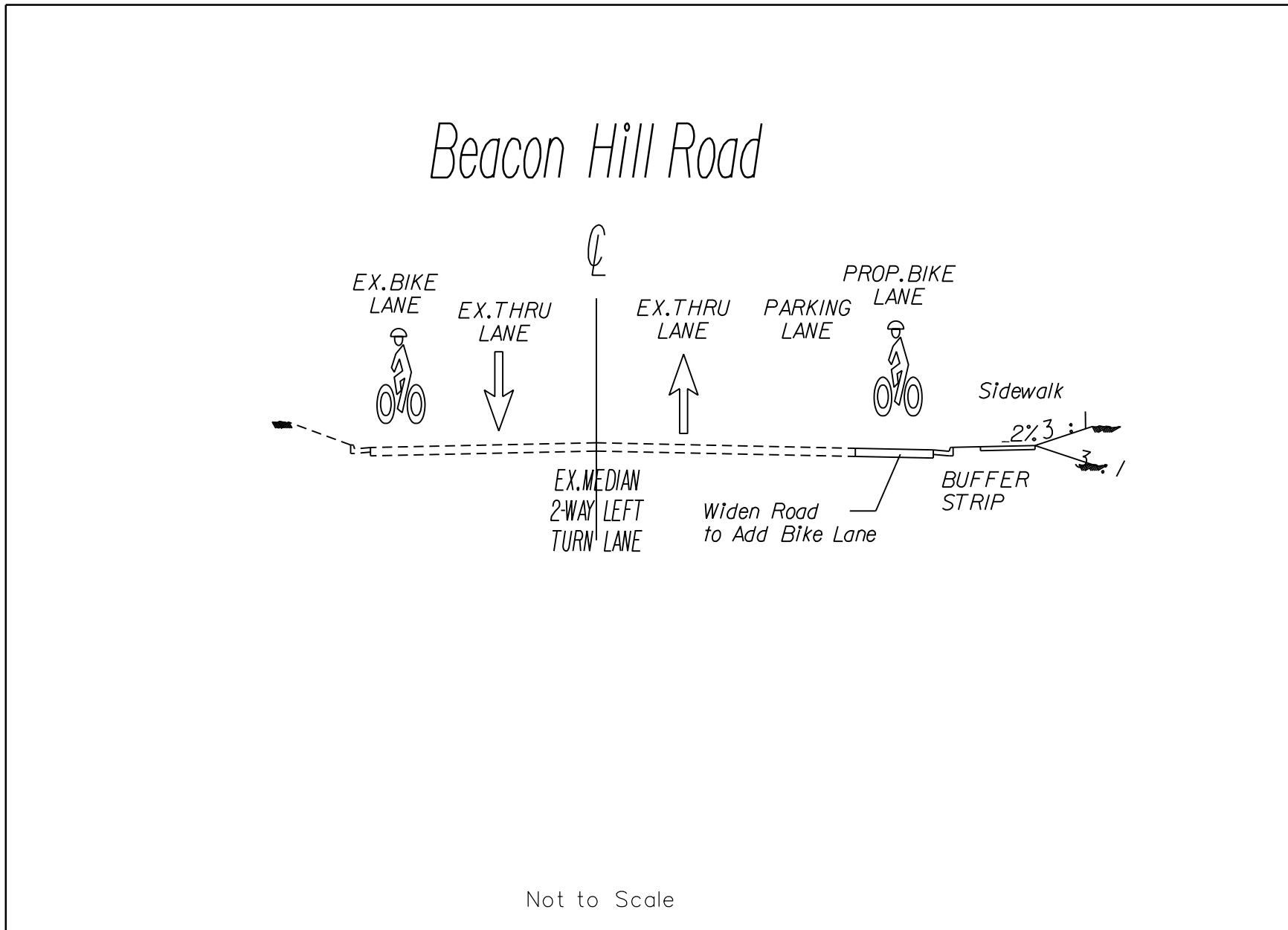
Legend

-  Denotes Local Street
-  Denotes Livability Spline
-  Denotes Avenue
-  Denotes Ex. Right of Way
-  Denotes Prop. Right of Way

PARSONS



Beacon Hill Road Bike Lanes Typical Section



Not to Scale

Fairfax County Transportation Improvements

Project: Route 1 Corridor Improvements – Beacon Hill Road Bike Lane Spot Treatment

Length: 0.42 mi.

Previous Studies/Plans:

- 2017 Fairfax County Comprehensive Plan (Richmond Highway Corridor Area) Amended 5-1-2018

Project Scope/Assumptions

- Assumed all improvements to Route 1 will precede the construction of this project.
- Alignments are shown as provided by Fairfax County and are not to be considered the final bike lane location
- Existing Bike Lane along most of Westbound side assumed to remain
- Existing Parking Lane along most of Eastbound side assumed to remain
- Assumed widening of roadway where required to have typical section of Bike Lane, Thru Lane, Two-way left turn lane, Thru Lane, Parking Lane, and Bike Lane
- All proposed pavement will have a pavement structure as follows:
 - 2" SM-9.5A
 - 2" IM-19.0A
 - 8" BM-25.0A
 - 8" Aggregate Base Material 21-B
- Assumed no large drainage structures within areas of this project

Unique Cost Drivers:

- None

Estimate Methodology:

- VDOT PCES System
- Quantity Take-off/Bid

Tabulation Assumed Advertisement Date: 2022