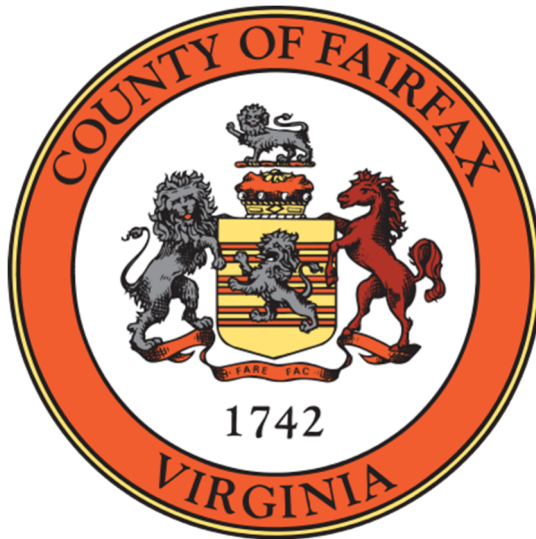


Fairfax County Transportation Improvements



Richmond Highway Corridor Improvements Southgate Drive

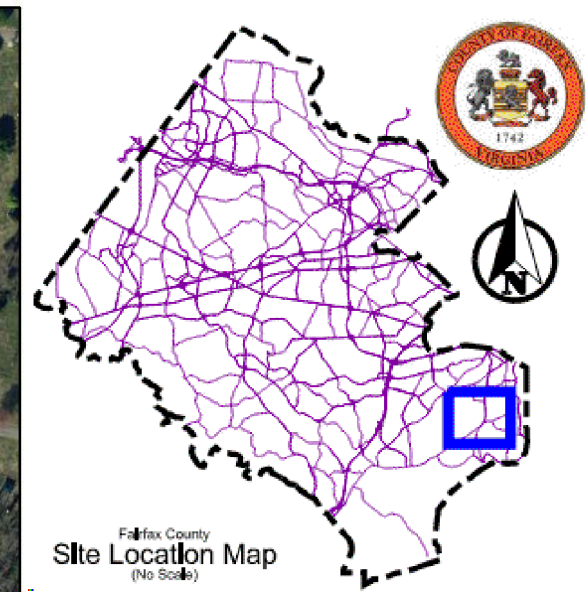
Estimate

May 2020

Prepared for: Fairfax County Department of Transportation



5875 Trinity Pkwy, Suite 300
Centreville, VA 20120



Richmond Highway
Corridor Improvements
Southgate Drive
Improvements

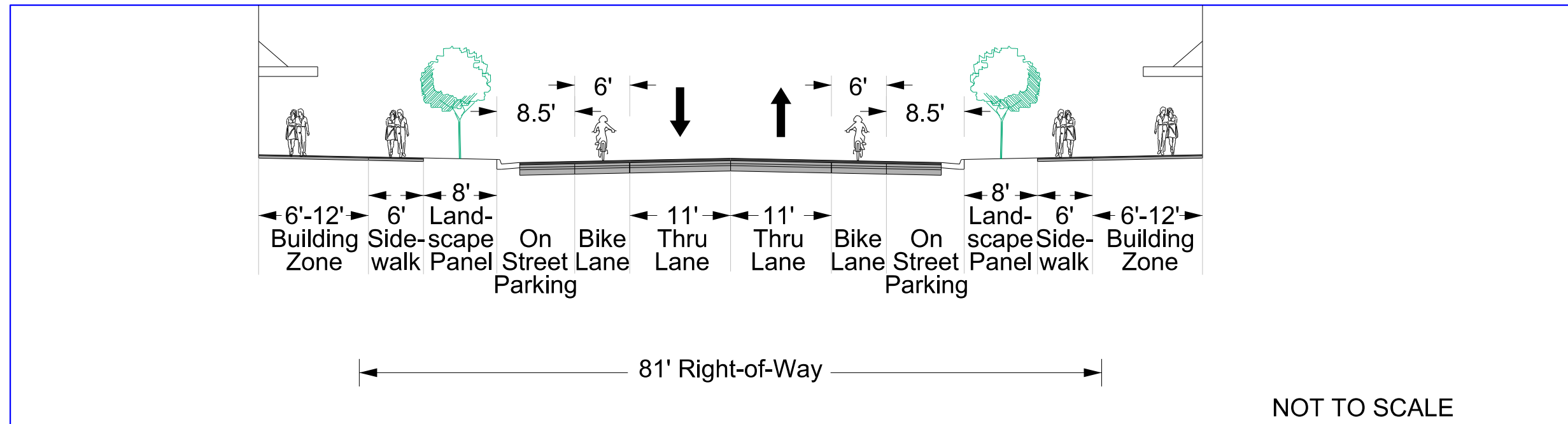
Legend

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



Richmond Highway Corridor Improvements Typical Section

Avenue



Fairfax County Transportation Improvements

Project: Route 1 Corridor Improvements Southgate Drive

Length: 0.25 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.
- Proposed improvements and project limits are described below:
 - Option A: Southgate Drive from CBC boundary to South Kings Highway with on-road bike lanes and parking on both sides
 - Option B: Southgate Drive from CBC boundary to South Kings Highway with on-road bike lanes on both sides and parking on one side
- Alignments are shown as provided by Fairfax County and are not to be considered the final roadway location
- Typical sections are constructed as shown in the Fairfax County Comprehensive Plan.
- All Proposed pavement will be full depth and have a pavement structure as follow:
 - 2" SM-9.5A
 - 2" IM-19.0A
 - 8" BM-25.0A
 - 8" Aggregate Base Material 21-B
- Roadway Lighting provided along the entire length of project.
- New signals at Route 1/Southgate Drive
- Right of Way SF costs have been increased from previous cost estimates due to majority of area as Apartment Complexes with higher costs than private residences.
- Assumed no demolition costs/total takes included in this estimate due to redevelopment
- Assumed no utilities present in the green undeveloped area of this project.

Unique Cost Drivers:

- None

Estimate Methodology:

- VDOT PCES System
- Quantity Take-off/Bid

Tabulation Assumed Advertisement Date: 2024