



County of Fairfax, Virginia

Balls Hill Road and Old Dominion Drive Intersection Improvements

Virtual Community Meeting
June 22, 2022, at 7:00 pm

In-Person Community Meeting
June 30, 2022

Open house begins at 6:30 pm
Churchill Elementary School Cafeteria
7100 Churchill Road, Mclean, VA 22101

FCDOT Project No. 2G40-152-000



- Introductions
 - Project team
- Project Overview
 - Recommended Alternative
 - Proposed Intersection Design
 - Walkway Connections
 - Proposed Walkways
- Traffic Analysis
- Land Acquisition
- Tree Impacts
- Utility Relocations
- Anticipated Schedule
- Public Comment/Questions



Adam Welschenbach, P.E.,
Transportation Engineer

Jared Kerr, Project Manager

Tan Nguyen, Utility Coordinator

Fereshteh (Brook) Khorashandi,
P.E., Section Chief

W. Todd Minnix, P.E., Chief

Tom Biesiadny, Director



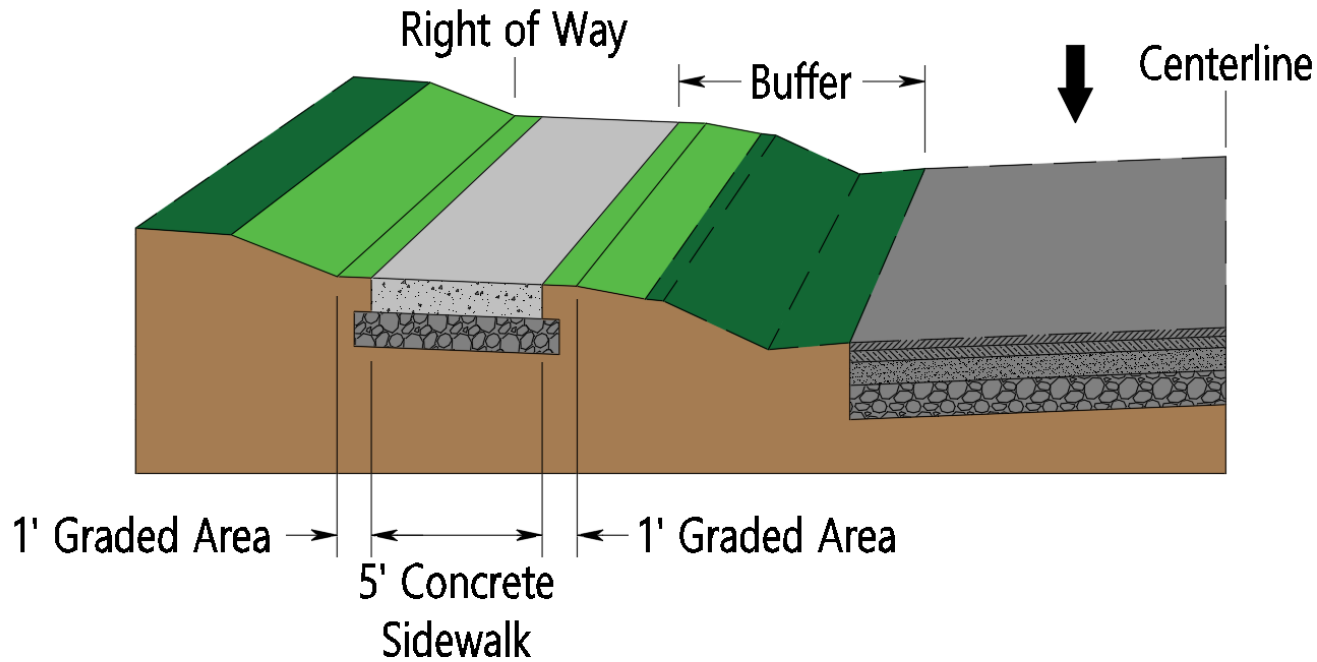
Expect More. Experience Better.

Andy Smith, P.E.,
Traffic Engineer

Geoff Giffin, P.E.,
Traffic Engineer

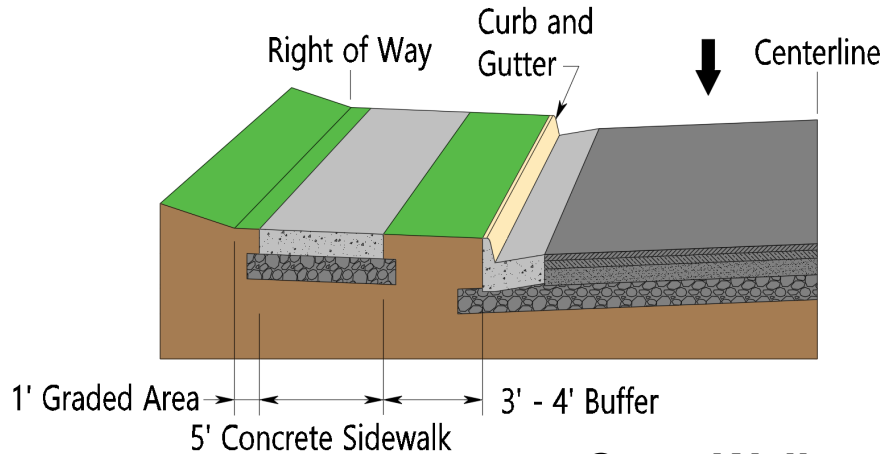
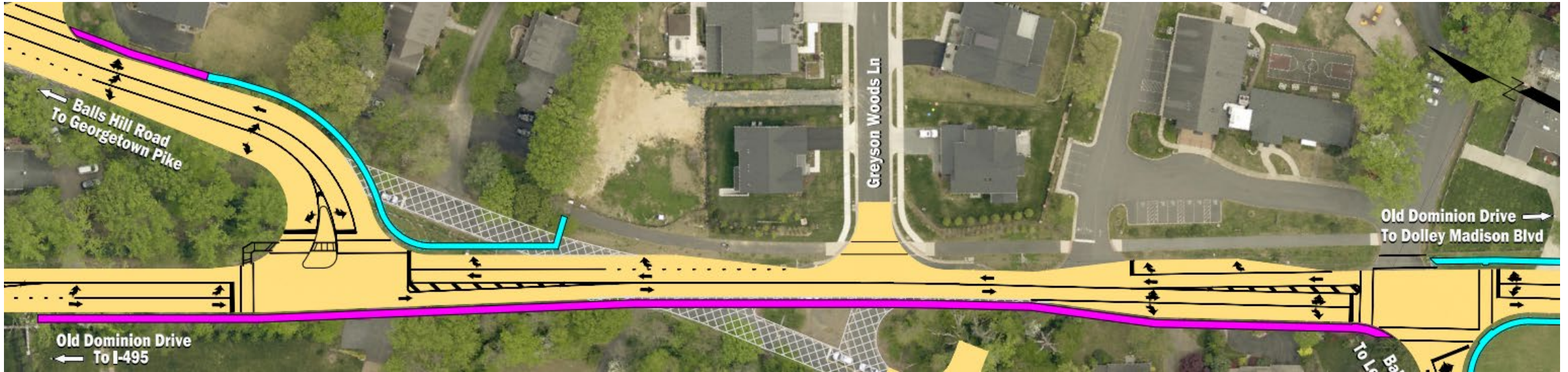


Balls Hill Road and Old Dominion Drive Intersection Improvements – Walkway Connections



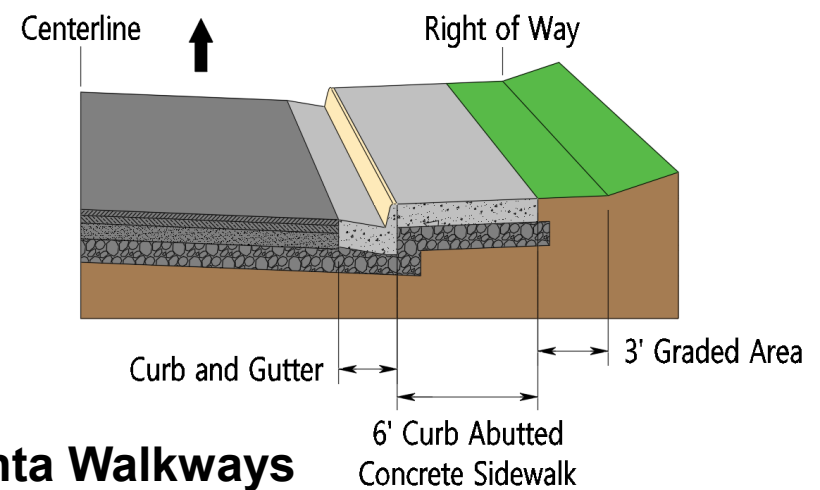
The location of Existing and Proposed Right of Way line may vary from what is shown on the typical sections. Typical sections show the minimum required per VDOT guidelines

Walkway along Balls Hill Rd from Churchill Rd to Elizabeth Dr



Cyan Walkways

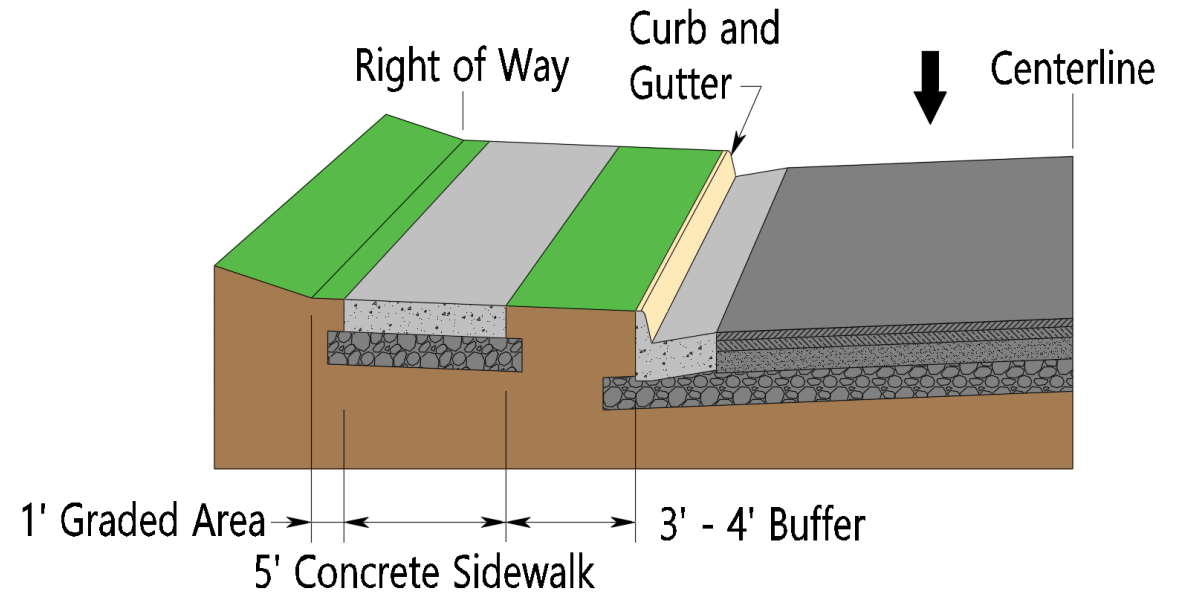
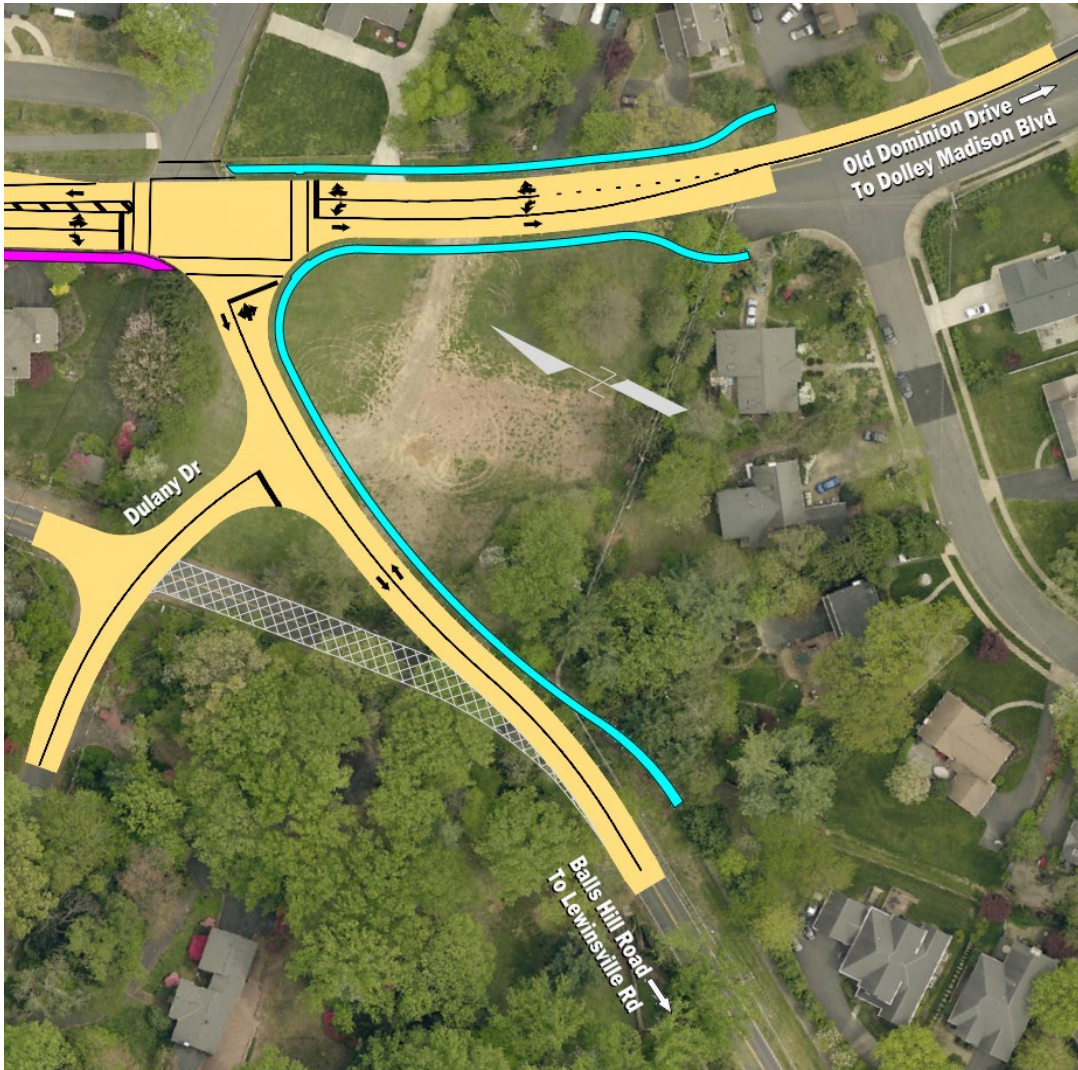
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Magenta Walkways



Proposed Walkways

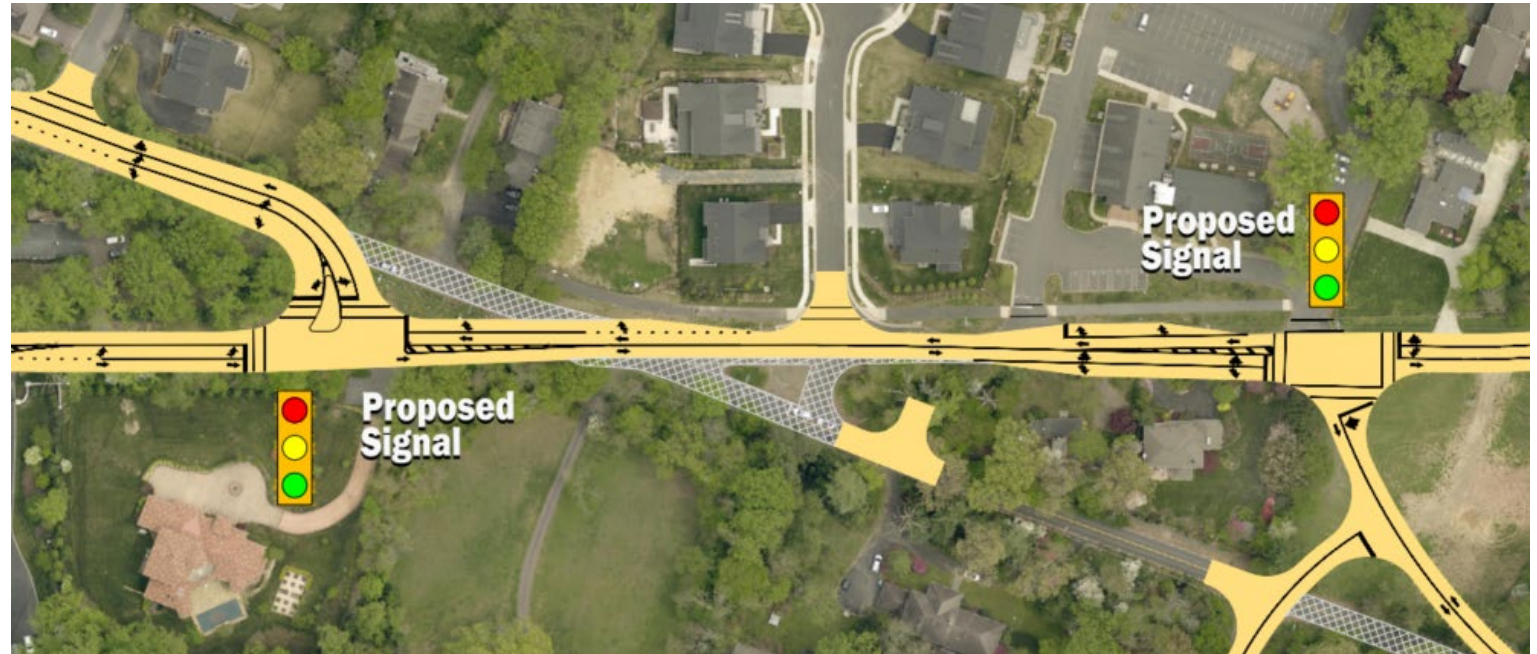


The location of Existing and Proposed Right of Way line may vary from what is shown on the typical sections. Typical sections show the minimum required per VDOT guidelines



Existing Condition:
Level of Service (LOS) F
LOS F = more traffic than roadway capacity (results in long delays)

Build Condition:
Level of Service (LOS) B
LOS B = Reasonable flow



Significant reduction in average intersection delay between 2045 No-Build and 2045 Build Conditions

- AM peak almost 2-minute reduction
- PM peak almost 3-minute reduction



Estimated Land Rights Required Based on Preliminary Design

TOTAL PARCEL ACQUISITION* (# of Parcels)	RIGHT-OF-WAY DEDICATION (# of Parcels)	PERMANENT EASEMENT (# of Parcels)	TEMPORARY GRADING EASEMENT (# of Parcels)
2	12	11	31

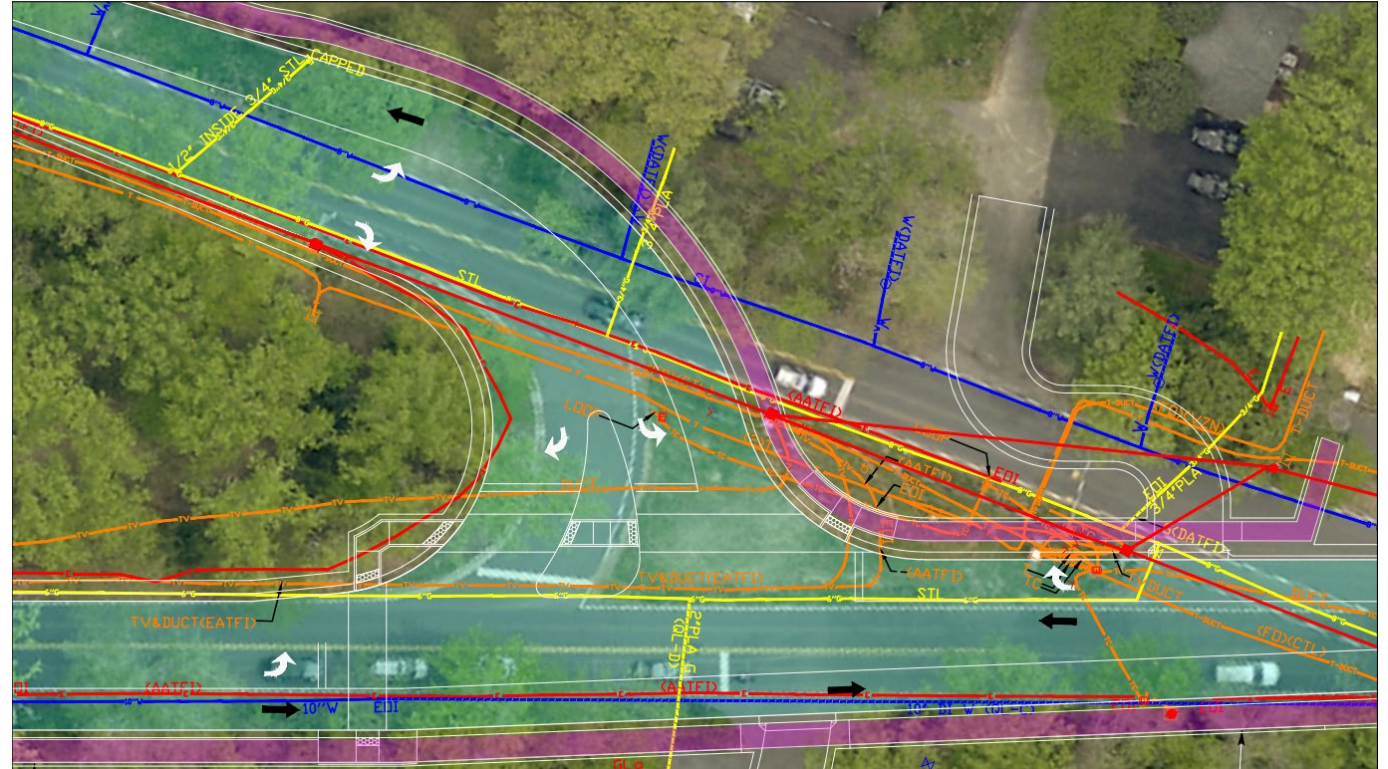
Notes:

* Total parcel Acquisition has already been completed by FCDOT.



Potential Utility Relocations

- Water Line (blue)
- Sanitary Sewer
- Washington Gas (yellow)
- Dominion Power (red)
 - 25 pole relocations (Estimated)
 - 32 poles impacted (Estimated)
- Communications (orange)





➤ Community Meetings	June 22 & 30, 2022
➤ Public Feedback (30 days)	July 29, 2022
➤ Design Process / VDOT Review	Fall 2022 – Late Fall 2024
➤ Land Acquisition	Spring 2024 – Late Fall 2024
➤ Utility Relocation (Minimum 24 Months)	Late Fall 2024 – Late Fall 2026
➤ Construction	Spring 2027 – Fall 2028

Notes:

1. Utility relocation begins after all land rights are acquired.
2. Construction schedule has considered potential supply/chain delay and material availability.



Questions?



Ways to Comment

- **Submit comments via Project Website:**
<https://www.fairfaxcounty.gov/transportation/projects/balls-hill-road>
- **Project Manager - Jared Kerr**
Email: jared.kerr@fairfaxcounty.gov
Phone: 703-877-5801
- **Department of Transportation**
4050 Legato Rd, Suite 400, Fairfax, VA 22033
Phone: 703-877-5600 TTY 711

To Ask A Question Now

- Click **Reactions**, then click **Raise Hand**.
- Host will call on you to ask your question.
- Unmute yourself and ask your question.
- If you are on the phone, **press *5 to raise your hand** and when your phone number is called, **press *6 to unmute**.

Submit comments by **July 29, 2022**



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➤ Design Cost	\$ 2.7 M
➤ ROW & Utility Relocation	\$ 9.8 M (\$4.3 M utility cost)
➤ <u>Construction Cost</u>	<u>\$ 9.5 M</u>
➤ Total Project Estimate	\$ 22.0 M

Construction cost is inflated at 3% per year based on estimated construction year of 2027.