Fairfax County Department of Transportation

Conceptual Roadway Plan - Alternative 1

OLD COURTHOUSE ROAD AT BESLEY ROAD

Prepared By: PARSONS

Project Location

Fairfax County

North Arrow & Scale

N

SCALE 0 25' 50'

Legend

- Existing Right of Way
- Existing Easement Line
- Existing Sanitary Line
- Proposed Roadway
- Proposed Bike Lane
- Proposed Shared - Use Path
- Driveway To Be Reconstructed
- Proposed Structure
- Cut Limit
- Fill Limit
- Wetland Line
- Proposed Stream Centerline
- Proposed Easement
- Proposed Right of Way

Project Name
Old Courthouse RD at Besley RD
From : Burlwood Ct
To : 200' East of Wolftrap Stream Valley Park Trail

Project Number : 5G25-059-007
2015 Bond Projects - Fund (300-C30050)

These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way. Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.

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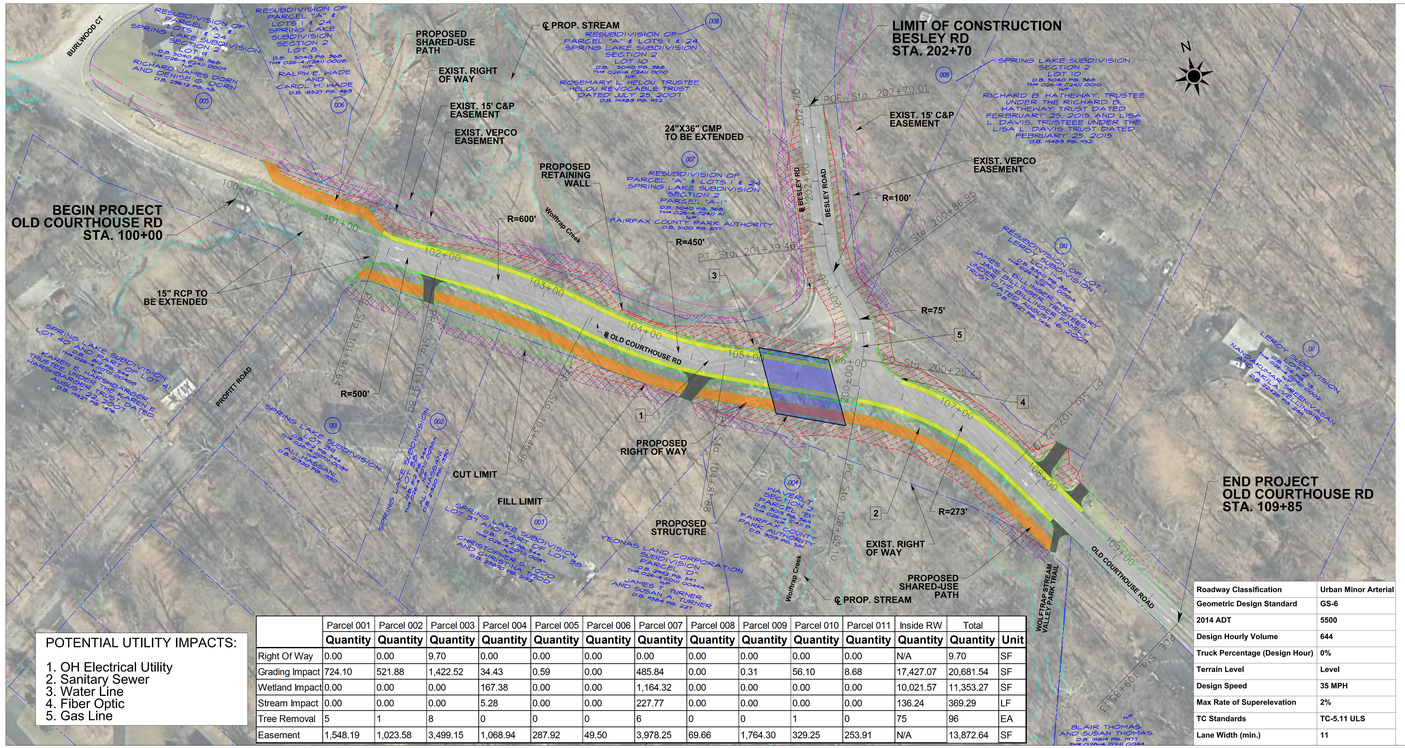
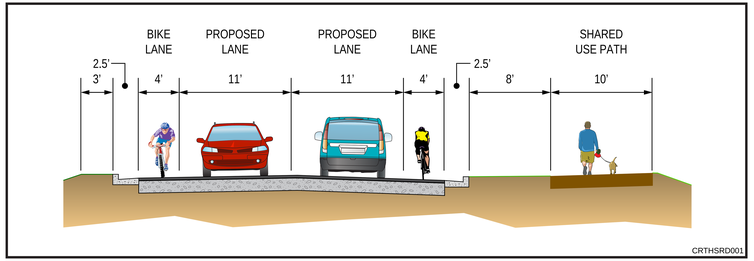


POTENTIAL UTILITY IMPACTS:

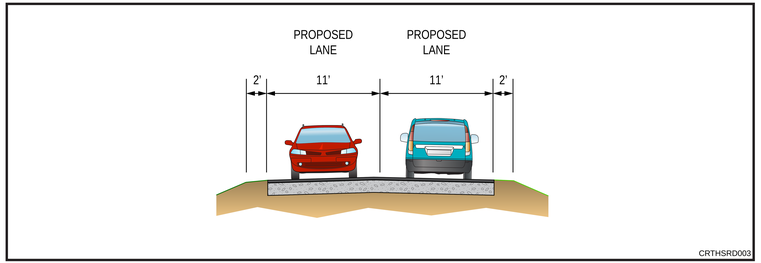
1. OH Electrical Utility
2. Sanitary Sewer
3. Water Line
4. Fiber Optic
5. Gas Line

	Parcel 001	Parcel 002	Parcel 003	Parcel 004	Parcel 005	Parcel 006	Parcel 007	Parcel 008	Parcel 009	Parcel 010	Parcel 011	Inside RW	Total	
	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Unit
Right Of Way	0.00	0.00	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	9.70	SF
Grading Impact	724.10	521.88	1,422.52	34.43	0.59	0.00	485.84	0.00	0.31	56.10	8.68	17,427.07	20,681.54	SF
Wetland Impact	0.00	0.00	0.00	167.38	0.00	0.00	1,164.32	0.00	0.00	0.00	0.00	10,021.57	11,353.27	SF
Stream Impact	0.00	0.00	0.00	5.28	0.00	0.00	227.77	0.00	0.00	0.00	0.00	136.24	369.29	LF
Tree Removal	5	1	8	0	0	0	6	0	0	1	0	75	96	EA
Easement	1,548.19	1,023.58	3,499.15	1,068.94	287.92	49.50	3,978.25	69.66	1,764.30	329.25	253.91	N/A	13,872.64	SF

Roadway Classification	Urban Minor Arterial
Geometric Design Standard	GS-6
2014 ADT	5500
Design Hourly Volume	644
Truck Percentage (Design Hour)	0%
Terrain Level	Level
Design Speed	35 MPH
Max Rate of Superelevation	2%
TC Standards	TC-5.11 ULS
Lane Width (min.)	11



Old Courthouse Rd – Alternative 1



Besley Rd.