



FAIRFAX COUNTY PARK AUTHORITY

M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Kirk W. Kincannon, Executive Director

FROM: David Bowden, Director
Planning and Development Division

DATE: October 3, 2019

Agenda

**Planning and Development Committee
(Committee of the Whole)
Wednesday, October 9, 2019 – 6 p.m.
Boardroom – Herrity Building
Chairman: Ken Quincy
Vice Chair: Michael Thompson**

1. Scope Approval – Annandale Community Park Picnic Shelter Renovations – Action*
2. Lake Accotink Revised Master Plan and Lake Sustainability (with presentation) - Information*
3. Parks, Recreation, Open Space, and Access (PROSA) Analysis (with presentation) – Information*
4. Infrastructure Projects Affecting Parkland Update (with presentation) – Information*
5. Monthly Contract Activity Report – Information*

*Enclosures



If accommodations and/or alternative formats are needed, please call (703) 324-8563. TTY (703) 803-3354

Board Agenda Item
October 23, 2019

ACTION

Scope Approval – Annandale Community Park Picnic Shelter Renovations (Mason District)

ISSUE:

Approval of the project scope for the renovations to the picnic shelter at Annandale Community Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the project scope for the renovations to the picnic shelter at Annandale Community Park.

TIMING:

Board action is requested on October 23, 2019, to maintain the project schedule.

BACKGROUND:

Annandale Community Park, located at Hummer Road and Royce Street in the Annandale area of the Mason District, contains Hidden Oaks Nature Center, playgrounds, trails, basketball and tennis courts, ball fields, and a picnic shelter with restrooms. The picnic shelter, built in 1970, is in need of accessible upgrades to the restrooms and basic lifecycle improvements.

The Planning and Development Division FY 2019 Work Plan, approved by the Park Authority Board on June 27, 2018, identifies a project for Annandale Community Park improvements. The project includes the renovation and upgrade of the Hidden Oaks Nature Center and picnic shelter.

Funding for the design and construction of the project is included in the 2016 Park Bond Capital Improvements Program. The scope of services includes the picnic shelter renovations and an addition to Hidden Oaks Nature Center for new offices and a new multipurpose room, and a partial renovation of the existing building interiors to allow for fully compliant accessible restrooms, relocation of the offices and circulation areas to accommodate the new addition and restrooms.

Board Agenda Item
October 23, 2019

A project team that includes representatives from the Resource Management, Park Operations, and Planning and Development Divisions, and the Automation Services Branch, was assembled to determine the project scope. Staff selected the architecture firm of SWSG using the standing county contract. Based on the conditions of the existing picnic shelter and the schematic designs prepared by SWSG, the project team has completed their evaluation of the project requirements and recommends the following scope of work for design and renovation of the of the picnic shelter/restrooms:

- Construct a raised landing to allow accessible entrance to the restrooms
- Provide an accessible ramp down to the picnic area
- Install an accessible water fountain
- Install an accessible grill
- Provide accessible picnic tables
- Convert the two restrooms to two fully accessible unisex restroom facilities.

The project scope cost estimate for design and renovation of the picnic shelter at Annandale Community Park is \$157,400 (Attachment 2).

Staff estimates the improvements to the facility will result in an added net annual revenue of \$600 at the current rental reservation rates. However, rental rates are expected to increase when the playground improvements occur. Staff estimates no change in annual maintenance costs of the facility. The following life cycle replacement costs are expected:

- Building Finishes - \$10,000 in year 10
- Building Mechanical/Plumbing - \$15,000 in year 15
- Building Finishes - \$10,000 in year 20
- Building All Other - \$200,000 in year 30

The proposed timeline for completing the project is as follows:

<u>Phase</u>	<u>Planned Completion</u>
Scope	3 rd Quarter CY19
Design / Permitting	4 th Quarter CY19
Construction	4 th Quarter CY19

FISCAL IMPACT:

Based on the scope cost estimate, funding in the amount of \$157,400 is necessary to fund this project. Funding is available in the amount of \$157,000 in Fund 30400 Park Bond Construction, 2016 Park Bond, PR-000078, Park Renovations and Upgrades, Annandale Community Park to fund this project.

Board Agenda Item
October 23, 2019

ENCLOSED DOCUMENTS:

Attachment 1: Picnic Shelter Development Plan

Attachment 2: Scope Cost Estimate

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

David Bowden, Director, Planning and Development Division

Barbara Nugent, Director, Resource Management Division

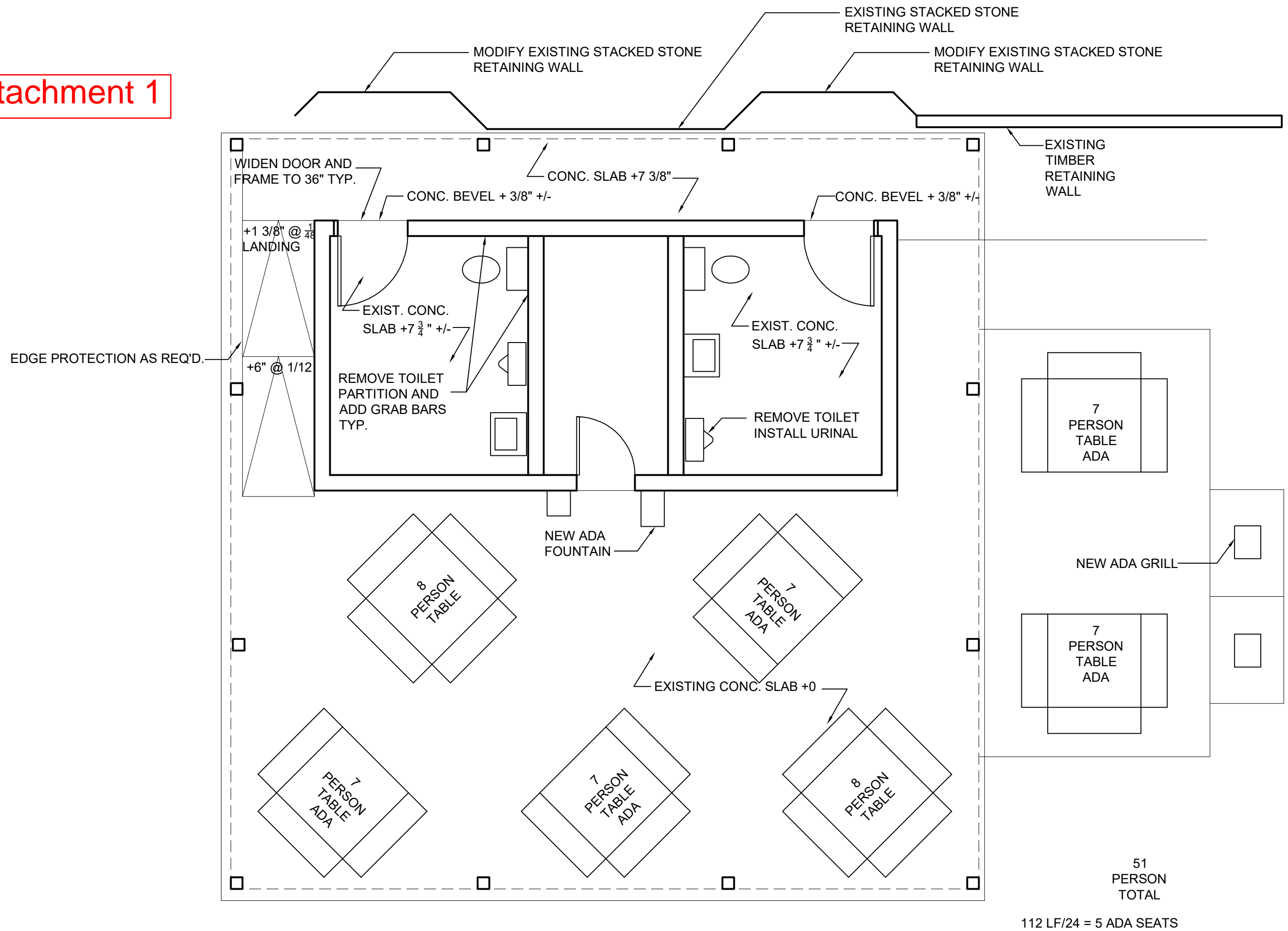
Paul Shirey, Manager, Project Management Branch

Andy Miller, Project Coordinator, Buildings Branch

Eric Inman, Engineer IV, Buildings Branch

Michael Baird, Manager, Capital and Fiscal Services

Attachment 1



1 Proposed New Toilets
1/4" = 1'-0"

SCOPE COST ESTIMATE
Annandale Park Picnic Shelter ADA Renovations

DESIGN

Design (included with nature center design)	N/A	
Permits and fees		<u>\$1,400</u>
Subtotal		\$1,400

CONSTRUCTION

Site work		\$15,000
Building		\$111,000
Subtotal		\$126,000

Utility Construction/Fees		\$0
Construction Administration, Testing and Inspection		\$2,000
Contingency		\$12,000
Project Administration		\$1,000
Fixtures Furniture Equipment Allowance		<u>\$15,000</u>
Subtotal		\$30,000

Total Project Estimate**\$157,400**

Board Agenda Item
October 23, 2019

INFORMATION – (with presentation)

Lake Accotink Revised Master Plan and Lake Sustainability (Braddock District)

The park master plan which serves as the guiding document for development and operation of Lake Accotink Park was last approved by the Park Authority Board in 1993. Park Authority staff kicked off the public process to update the park master plan including addressing sustainability of the lake in the spring of 2016. Public meetings were held over a two-year period to discuss a variety of topics including facilities programming and usage, natural and cultural resources, trails and lake management options. Community input received as part of the planning process highly favored retaining the lake to the existing footprint including a petition from the Save Lake Accotink organization formed by local community members during the planning process.

Lake Accotink is fed by approximately 60 miles of streams that comprise approximately 30 square miles of the Accotink Creek Watershed. Sediment from the upstream areas of the watershed has continued to be deposited in Lake Accotink over the years filling in the lake and limiting recreational use of the lake. The lake has been dredged two times since 1985 to remove accumulated sediment. The most recent lake dredging, completed in 2008, removed approximately 193,000 cubic yards of sediment from the lake. An average of 20,000 cubic yards of sediment continues to be deposited in the lake annually since the dredging was completed. The current estimated average depth of the lake is four feet and will continue to decrease over time without intervention.

Park Authority staff working with staff from the Department of Public Works and Environmental Services (DPWES) studied several strategies to retain the aesthetic and recreational value of the lake in the current footprint. Project staff working with the Department of Management & Budget (DMB) have identified funding options to address the future sustainability of the lake. Staff will update the Park Authority Board on the lake sustainability and funding strategy. Staff will also update the Park Authority Board on the master plan process going forward.

ENCLOSED DOCUMENTS:

None

STAFF:

Kirk W. Kincannon, Executive Director
Aimee L. Vosper, Deputy Director/CBD

Board Agenda Item
October 23, 2019

Sara Baldwin, Deputy Director/COO
David Bowden, Director, Planning & Development Division
Barbara Nugent, Director, Resource Management Division
Cindy Walsh, Director, Park Services, Division
Paul Shirey, Manager, Project Management Branch
Ryan Stewart, Planner IV, Planning Branch
Adam Wynn, Project Manager, Project Management Branch
Valarie Maislin, Project Manager, Project Management Branch
Michael Baird, Manager, Capital and Fiscal Services



LAKE ACCOTINK PARK
MASTER PLAN REVISION
&
LAKE SUSTAINABILITY
UPDATE

October 9, 2019

THE MASTER PLAN PROCESS



THE MASTER PLAN PROCESS

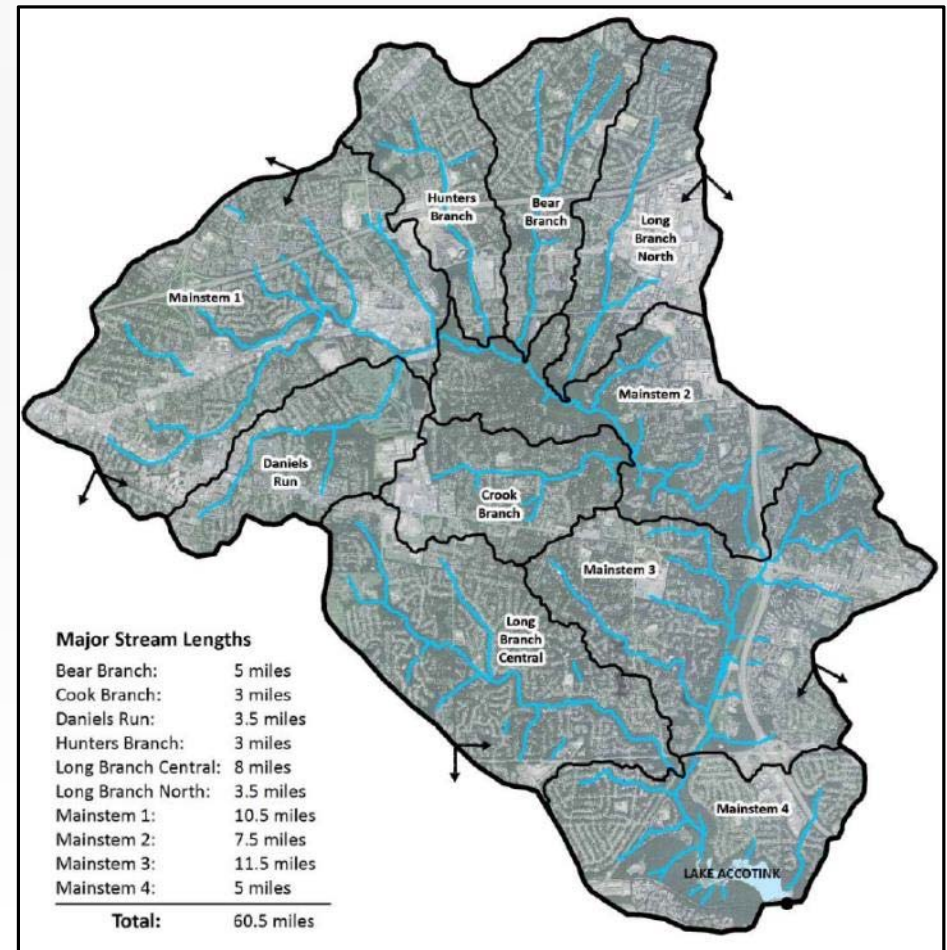
DEVELOPMENT OF MASTER PLAN TO DATE

- 5 public meetings/workshops held with community
 - Facilities, Programming & Usage
 - Natural and Cultural Resources
 - Trails
 - Lake Management
- Natural resource studies were conducted to inventory critical plant and wildlife species
- Lake Management Study Completed
- Community Meeting held on September 19 to present the Proposed Lake Management plan to the public



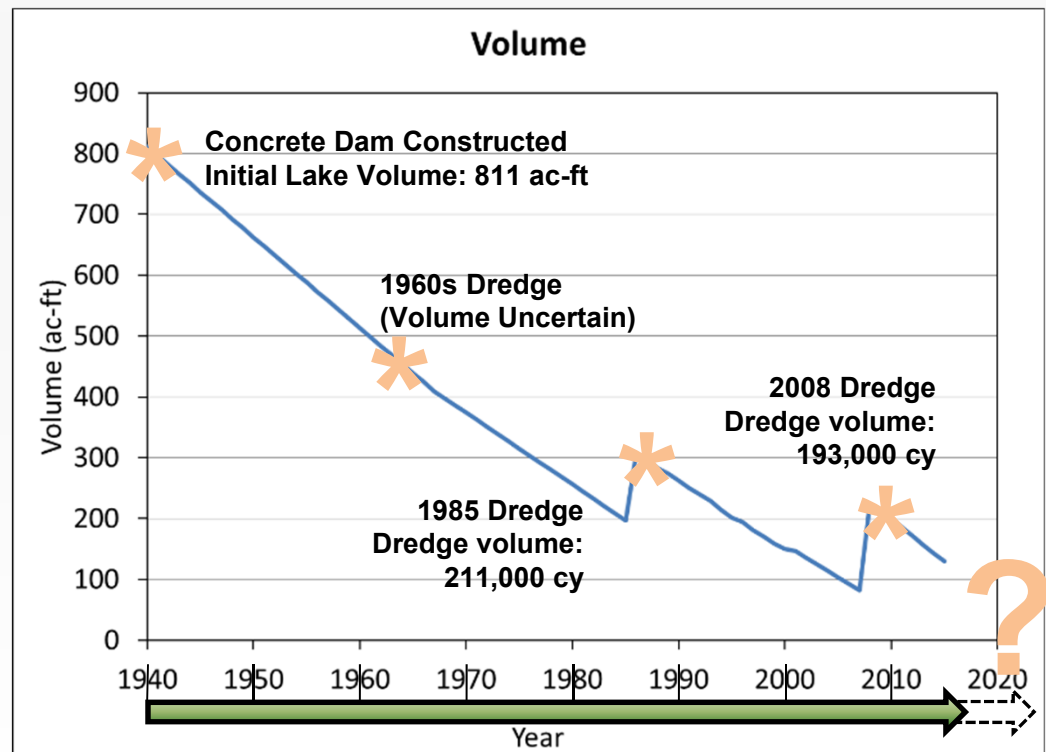
LAKE MANAGEMENT

- *The Lake Accotink Watershed encompasses 19,626 acres or 30 square miles with 60.5 miles of streams.*
- *The current size of the lake is approximately 55 acres.*



LAKE MANAGEMENT

- *Lake Accotink has been dredged three times over the past 40 years.*
- *Previous dredging was completed in May 2008 (\$10 Mil.) and removed 193,000 CY of sediment.*
- *An average of 20,000 CY of sediment is deposited in the lake per year.*
- *The estimated average depth of the lake is 4 feet and will continue to decrease over time without intervention.*



LAKE MANAGEMENT

	MANAGEMENT OPTIONS	DESCRIPTION
OPT A	NO DIRECT MANAGEMENT	Allow lake to continue to fill with silt.
OPT B	INITIAL DREDGE WITH MAINTENANCE DREDGING	Initial dredge to restore lake to average 8 ft depth with maintenance dredging program to maintain lake depth.
OPT C	INITIAL DREDGE WITH FOREBAY & MAINTENANCE DREDGING	Initial dredge to restore lake to average 8 ft depth and the creation of a forebay.
OPT E	STREAM WITH RECLAIMED LAND	Restoration of Accotink Creek to its form prior to being dammed.
OPT F	STREAM WITH SMALLER LAKE	Existing dam would be modified to form a single stream channel and the landscape would be sculpted to retain a smaller lake for recreational purposes.

*Option D “Beaver Dams” was previously removed from consideration due to a one-time limited sediment removal benefit.



PUBLIC ENGAGEMENT SUMMARY

Lake Management Outreach

April 30, 2018 - The lake management options were shared with the community and a questionnaire was circulated to solicit input on the lake management options.

Community Input

- 1,310 responses were received via the questionnaire. 90% of respondents favored having a lake with 65% in favor of retaining the existing footprint of the lake through dredging.
- Additionally Save Lake Accotink, a non-profit organization, collected 4,168 signatures on a petition in favor of dredging the lake and constructing a forebay.
- Cardinal Forest HOA which adjoins Lake Accotink submitted a letter in support of a dredging option.



ADDITIONAL LAKE MANAGEMENT CONSIDERATIONS

- ✓ **Wet Dredge** - Permitting Requirements, Logistical Considerations For Full Dredge & Maintenance Dredge of Forebay
- ✗ **Dry Dredge** – Explore Feasibility Including Construction of a Possible Permanent Access Road
- ✓ **Dredging Access Routes** – Explore Accotink Park Road, Hemming Avenue, Rolling Road, Ravenel Lane, Inverchapel Road, CCT Head of Lake to Braddock Road, CCT Ravensworth Farm Swim Club, Railroad Spurs and Other Options.
- ✗ **Forebay Alternative Locations** – Current Lake Footprint, Upstream from Current Lake Footprint, Downstream of Braddock Road/Confluence of Accotink Creek & Long Branch, Wakefield Park Upstream of Braddock Road.
- ✓ **Spoil Handling & Processing** – Explore Options for Drying Wet Dredge Material Prior To Final Disposal Including Potential Processing Locations Including Lake Accotink Park, Wakefield Park, Virginia Concrete Plant, Howrey Field.
- ✓ **Local Disposal Of Dredged Spoils** – Explore Options for Disposal Sites Including Lake Accotink Park, Utility Easements in Wakefield Park, Private Land Near Danbury Forest Feasibility Including Construction of a Possible Permanent Access Road.
- ✗ **Transport By Rail** – Explore Use of Existing Railroad Line and Rail Transportation For Disposal of Dredged Material Lake Dredge & Maintenance of Forebay Feasibility Including Construction of a Possible Permanent Access Road



ADDITIONAL LAKE MANAGEMENT CONSIDERATIONS

- ✓ **Truck Transportation** – Explore Feasibility of Disposal of Dredged Material Locally By Truck.
- ✓ **With Each Option** – Develop Permitting Requirements, Detailed Costs & Any Time Constraints



RECOMMENDED DREDGING STRATEGY

Description

- Dredge to restore lake to average 8 ft depth
- Pump sediment to Wakefield Park for dewatering and disposal
- Haul sediment to closed quarry using Braddock Road to Capital Beltway.
- Fund maintenance dredging program to maintain lake
- Retains aesthetic and recreation value of the lake

Dredging Cost: \$ 30,500,000

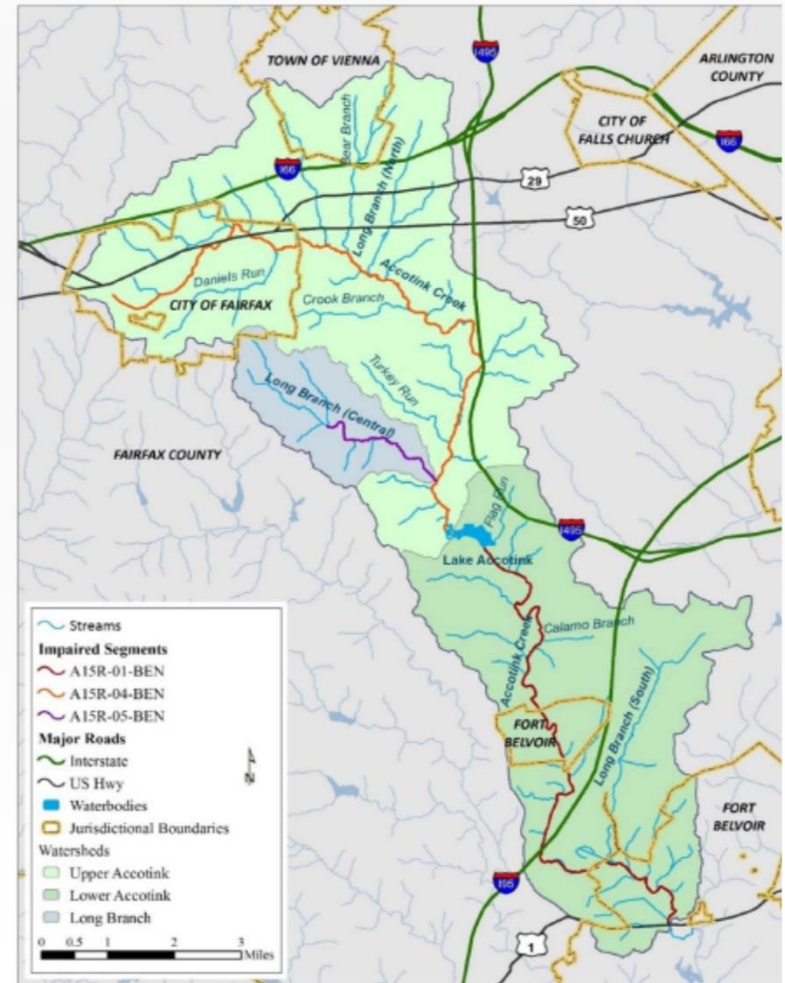
Periodic Maintenance Cost Annualized: \$2,013,000

30 Year Lifecycle Dam Repair: \$4,700,000



RECOMMENDED DREDGING STRATEGY

The lake currently removes sediment equivalent to restoring 33 miles of stream at a cost of \$230 million.



COUNTY CIP PROCESS

- Extensive public process conducted as part of Park Master Plan
- Community input supports maintaining lake as a recreational facility
- The park is visited by over 300,000 patrons annually
- FY 2020 –FY 2024 Adopted Capital Improvement Program identifies \$50 Million order of magnitude estimate for lake dredging
- April 30, 2019 Board of Supervisors FY 2020– FY 2021 Budget Guidance Item directed staff to update CIP recommendations to refine options, timeline, and appropriate funding mechanisms to address Lake Accotink.

<https://www.fairfaxcounty.gov/budget/sites/budget/files/assets/documents/fy2020/adopted/cip.pdf>



BUDGETING PROCESS

- **Virginia Clean Water Revolving Loan Fund (“Fund”)**
 - Department of Environmental Quality (DEQ) program administrator of the Fund; Virginia Resources Authority (VRA) is financial manager of the Fund
 - DEQ indicated in March 2019 the Lake Accotink project is eligible for funding; all qualifying projects receive an interest rate reduction of 1% below municipal market rates
 - DEQ confirmed the County’s dedicated source of stormwater revenue (\$3.25 per \$100 of Assessed Value) provides for an additional interest rate reduction of 1% below municipal market rates
 - Flexibility in debt service repayment through project completion
 - Loan would be subject to the approval of the State Water Control Board
 - Full year debt service for the entire \$30.5m estimated at \$1.5M/year per current market conditions
 - Anticipated debt service would begin in FY 2025/2026, and will be included in future STW service district budgets
- **Fairfax County Economic Development Authority**
 - Fallback option to pursue project financing
 - Previous examples of projects financed include Merrifield Center, Public Safety Headquarters, and Lewinsville Center



BUDGETING PROCESS

Oct 29, 2019	BOS Meeting Scope and Funding Strategy for Approval
Jan 31, 2020	Award Consultant Contract for Design & Permitting
March 31, 2020	Submit Request for VCWRLF Loan
June 30, 2020	Park Authority Complete Master Plan
Sept 30, 2020	State Approve VCWRLF Loan
Jan 31, 2021	Award Dredging Contract
March 1, 2025	Complete Dredging
March 1, 2029	Complete Permit Compliance Monitoring



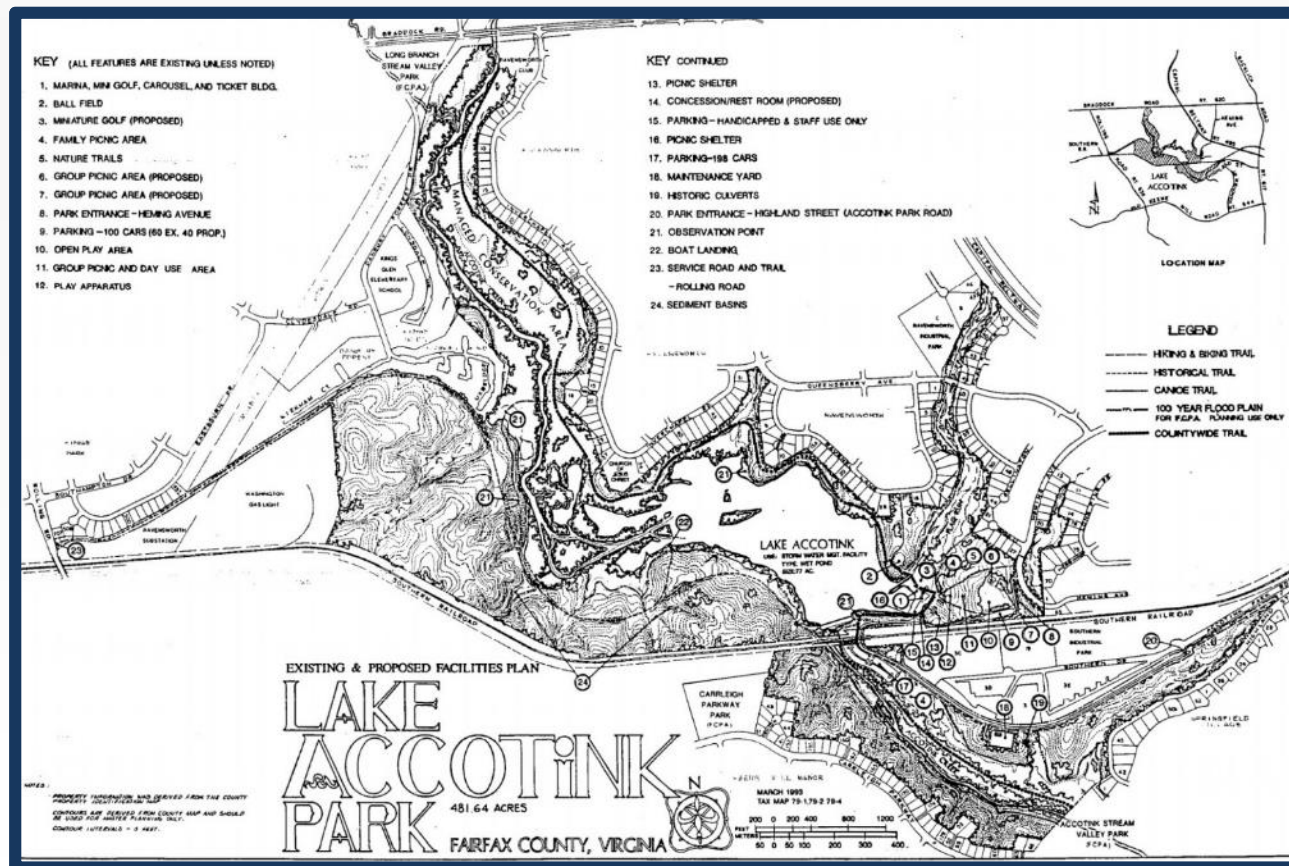
MASTER PLAN NEXT STEPS

DATES	MASTER PLAN STEPS
SPRING, 2016	•RESEARCH / SITE ANALYSIS
MARCH 2016 – APRIL 2018	•PUBLIC INFORMATION MEETINGS AND WORKSHOPS INCLUDING LAKE SUSTAINABILITY
MAY 2018 - CURRENT	•LAKE MANAGEMENT STRATEGY AND CIP PROCESS
(ANTICIPATED) NOV-FEB, 2020	•DRAFT PARK DEVELOPMENT CONCEPT/S WITH PUBLIC INPUT OPPORTUNITIES
(ANTICIPATED) MARCH, 2020	•PUBLICATION OF DRAFT MP
(ANTICIPATED) APRIL, 2020	•PUBLIC COMMENT MEETING
(ANTICIPATED) MAY, 2020	•30-DAY PUBLIC COMMENT PERIOD
(ANTICIPATED) JUNE, 2020	•REVISIONS TO DRAFT MASTER PLAN
(ANTICIPATED) SUMMER, 2020	•PARK AUTHORITY BOARD APPROVAL



MASTER PLAN NEXT STEPS

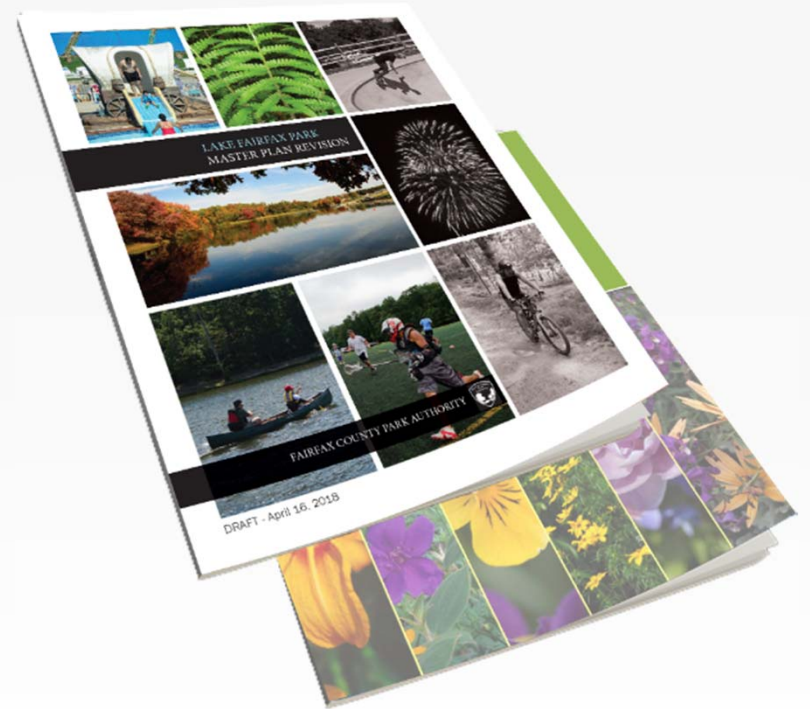
CURRENT APPROVED MASTER PLAN



MASTER PLAN NEXT STEPS

WRITTEN REPORT

- ESTABLISHES PARK PURPOSE AND CLASSIFICATION
- DESCRIBES EXISTING CONDITIONS AND CONSTRAINTS
- DESCRIBES THE DESIRED VISITOR EXPERIENCE
- DESCRIBES THE PARK FEATURES
- IDENTIFIES DESIGN CONCERNS TO BE ADDRESSED AT DEVELOPMENT STAGE



MASTER PLAN NEXT STEPS

CONCEPTUAL DEVELOPMENT PLAN

- CONCEPTUAL SITE LAYOUT
- GRAPHICALLY SHOWS GENERAL LOCATION OF RECOMMENDED FACILITIES & USE AREAS
- CONCEPTUAL SITE DESIGN, NOT AN ENGINEERED SITE PLAN



Board Agenda Item
October 9, 2019

INFORMATION (with presentation)

Parks, Recreation, Open Space, and Access (PROSA) Analysis

To implement the goals, objectives and actions of the agency's Master Plan and the FY 2019-FY2023 Strategic Plan staff is developing a Parks, Recreation, Open Space, and Access (PROSA) analytical approach that will inform future acquisition of parkland and the Park Authority's Capital Improvement Program and assist in aligning the park planning process with current County initiatives such as the Strategic Plan, One Fairfax, Health in All Policies, the Countywide Trails Plan and Bike Master Plan

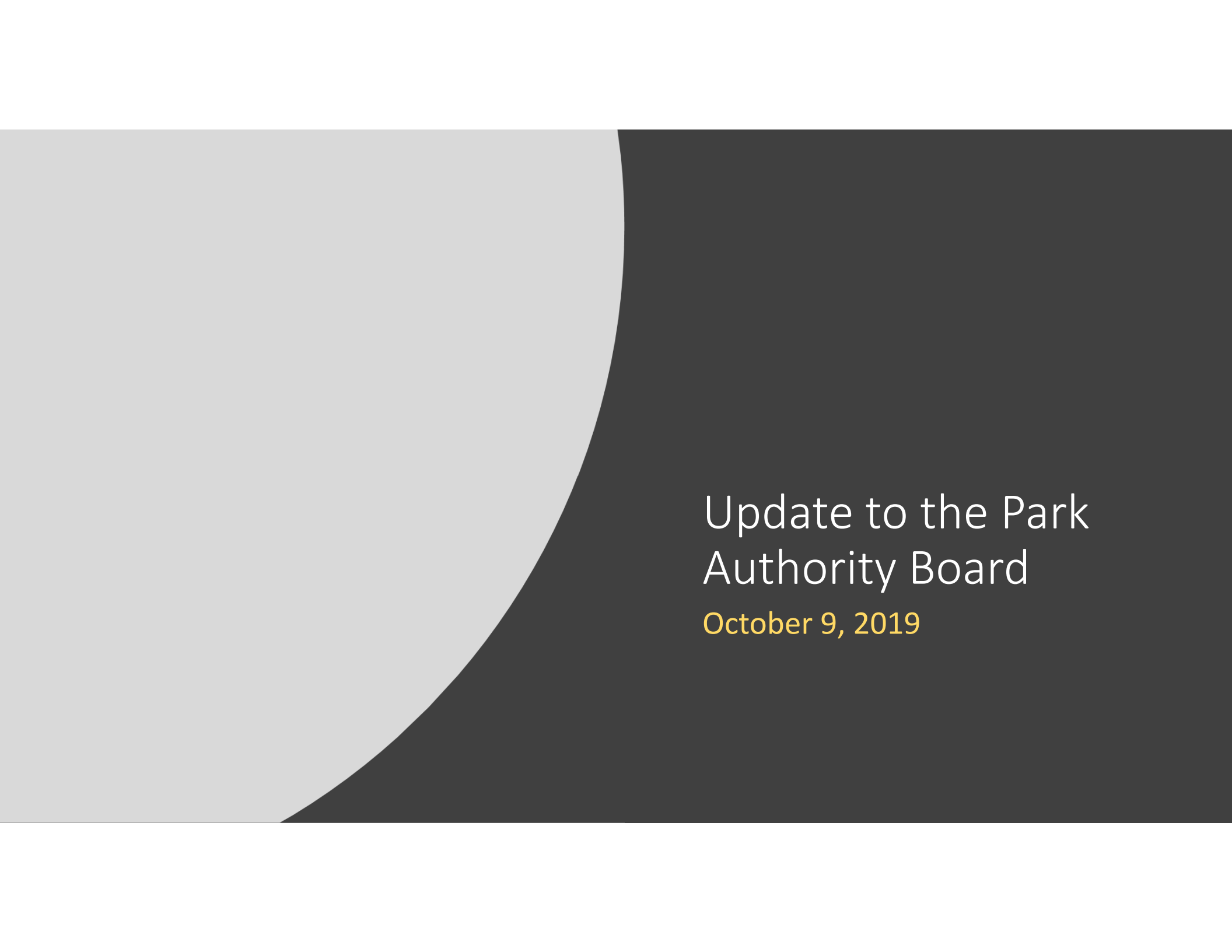
Staff will update the Park Authority Board on the PROSA approach.

ENCLOSED DOCUMENTS:

None

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
David Bowden, Director, Planning & Development Division
Ryan Stewart, Park Planning Supervisor, Planning Branch



Update to the Park Authority Board

October 9, 2019

The PROSA Approach

Master Plan Goals

Improve access and opportunities for healthy and active lifestyles.

Ensure protection, conservation, preservation, and interpretation of cultural resources.

Improve and promote natural resource protection and management.

Strategic Objectives

Balance natural resources, cultural resources, recreational needs, and equity in planning and developing a sustainable park system.

Position the Park Authority as the model organization for increasing physical activity and wellness in Fairfax County.

Increase walkable access by County residences to park or facility entrances or trailheads to connect people to nature and recreational experiences.

Increase the Park Authority's land holdings based on a proactive and informed decision-making strategy.



Advance Park System Excellence



Be Equitable and Inclusive



Meet Changing Recreation Needs



Promote Healthy Lifestyles



Inspire a Passion for Parks



Be Great Stewards



Strengthen and Foster Partnerships

Parks, Recreation, Open Space and Access

Why we need a PROSA approach

The Park Authority's FY 2020-2023 Strategic Plan recommends creating Open Space & Access Plans to inform agency decision-making.

PROSA provides a unified approach to providing parks, facilities, natural & cultural resources, and programs to meet community need and advance the county's adopted equity and health goals in a proactive, and financially sustainable way.



What does PROSA do?

The Parks, Recreation, Open Space and Access Analysis Is Tactical:

- Where to locate parkland and facilities?
- What amenities provide the greatest health and equity benefits? How is this measured?
- How to leverage new and emerging data/analysis?
- How to build upon the findings of the 2016 Needs Assessment using an equity lens?
- How to strategically approach investments in land acquisition and capital improvements?
- How to align with countywide planning and initiatives?
- How to incorporate best practices?



What does PROSA do?

...And informs the Park Authority's Functional Planning and Actions:

- CIP/bond process, budget requests, and funding sources
- Land acquisition criteria
- Planning processes
- Development review & proffer negotiation
- PROSA is the link to the county's planning (Strategic Plan, Comp Plan, CHIP, Trails)



What does PROSA do?



Committee Agenda Item
October 9, 2019

INFORMATION (with presentation)

Infrastructure Projects Affecting Parkland Update

Staff is continuing to monitor ongoing transportation and other infrastructure projects that will impact parkland throughout the County including:

- Fairfax County Parkway Widening/Shirley Gate Extension,
- I-495 Express Lanes Expansion
- I-66 inside the Beltway
- I-66 outside the Beltway
- Route 7 Widening
- Hunter Mill Road Bridge over Colvin Run
- Route 29 Bridge over Cub Run
- The Huntington Levee
- Dominion Energy's Idylwood-Tysons and Loudoun-Ox Transmission Lines

Staff will update the Park Authority Board on the current status of the projects and will continue to provide the Park Authority Board regular progress updates on the status, benefits, and park impacts of these projects, which are at various stages of planning, design, and construction.

ENCLOSED DOCUMENTS:

Attachment 1: Popes Head Road/Shirley Gate Extension
Attachment 2: I-495 Express Lanes Extension Location Map
Attachment 3: I-495 Express Lanes Extension Impact Area
Attachment 4: I-66 Widening Potential Noise Wall – Idylwood Park
Attachment 5: I-66 Random Hills Park Proposed Trail
Attachment 6: I-66 Rocky Run SV & Cub Run Proposed Trails
Attachment 7: Route 29 Pedestrian Improvements – Towers Park
Attachment 8: Hunter Mill Road Bridge Replacement
Attachment 9: Route 29 Bridge Superstructure Replacement
Attachment 10: Electrical Transmission Line – Idylwood to Tysons
Attachment 11: Electrical Transmission Line – Loudoun to Ox

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee Vosper, Deputy Director/CBD

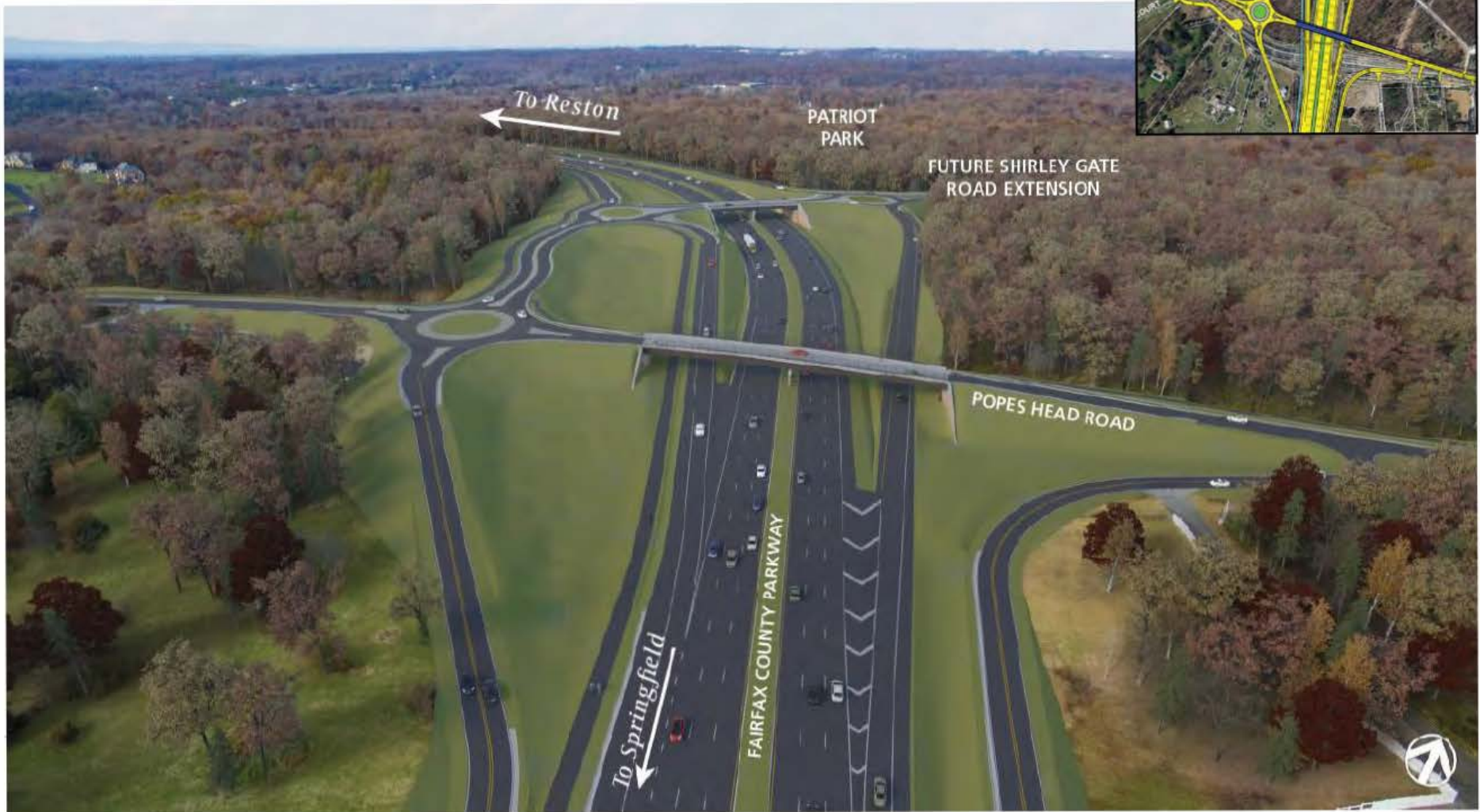
Committee Agenda Item
October 9, 2019

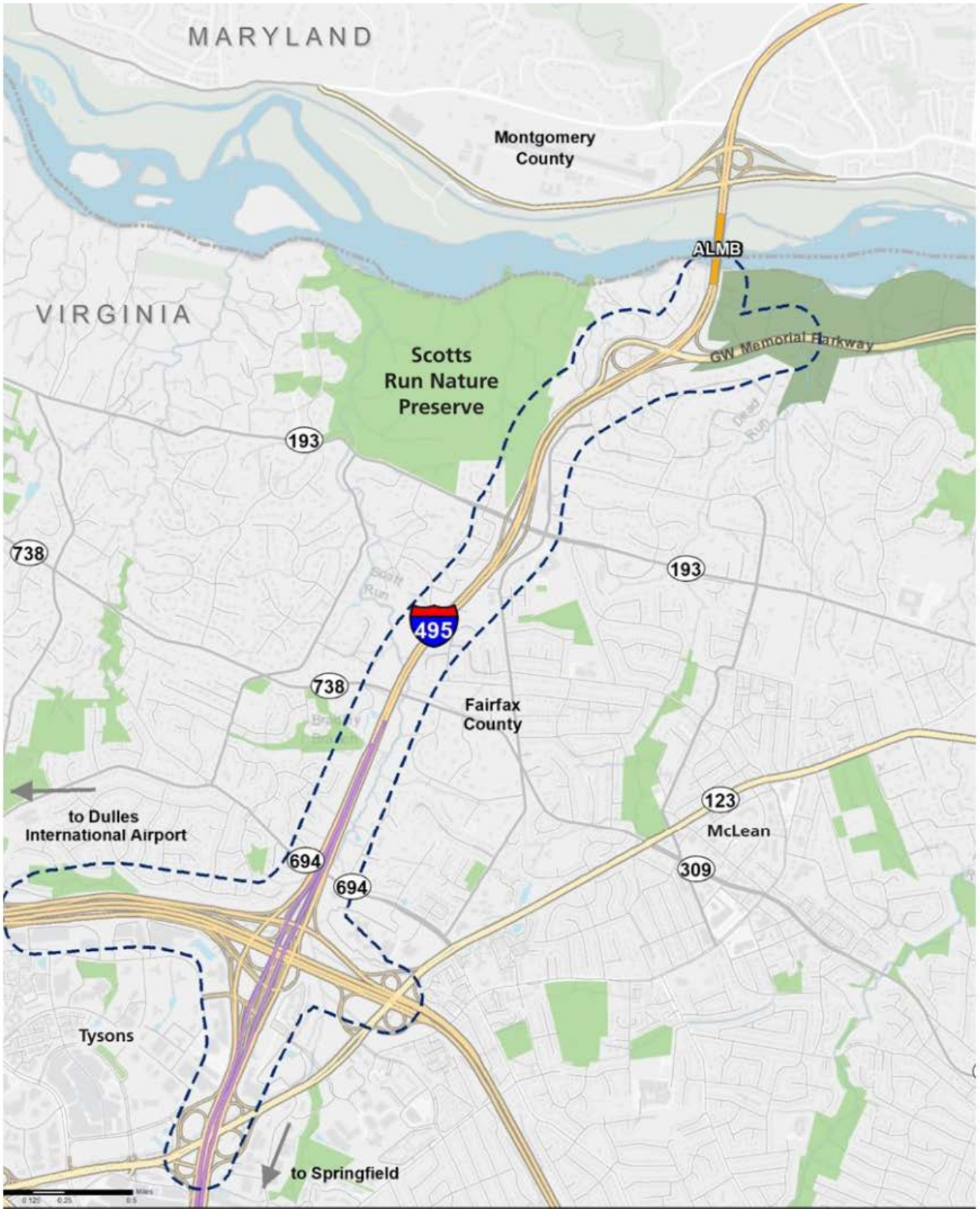
David Bowden, Director, Planning & Development Division
Judy Pederson, Public Information Officer
Barbara Nugent, Director, Resource Management Division
Cindy Walsh, Director, Park Services Division
Andrea Dorlester, Planner IV, Park Planning Branch
Elizabeth Iannetta, Park Planner, Park Planning Branch

Popes Head Road and Shirley Gate Road Extension Interchange

Rendering of Option 1: Triple Roundabouts (Preferred)

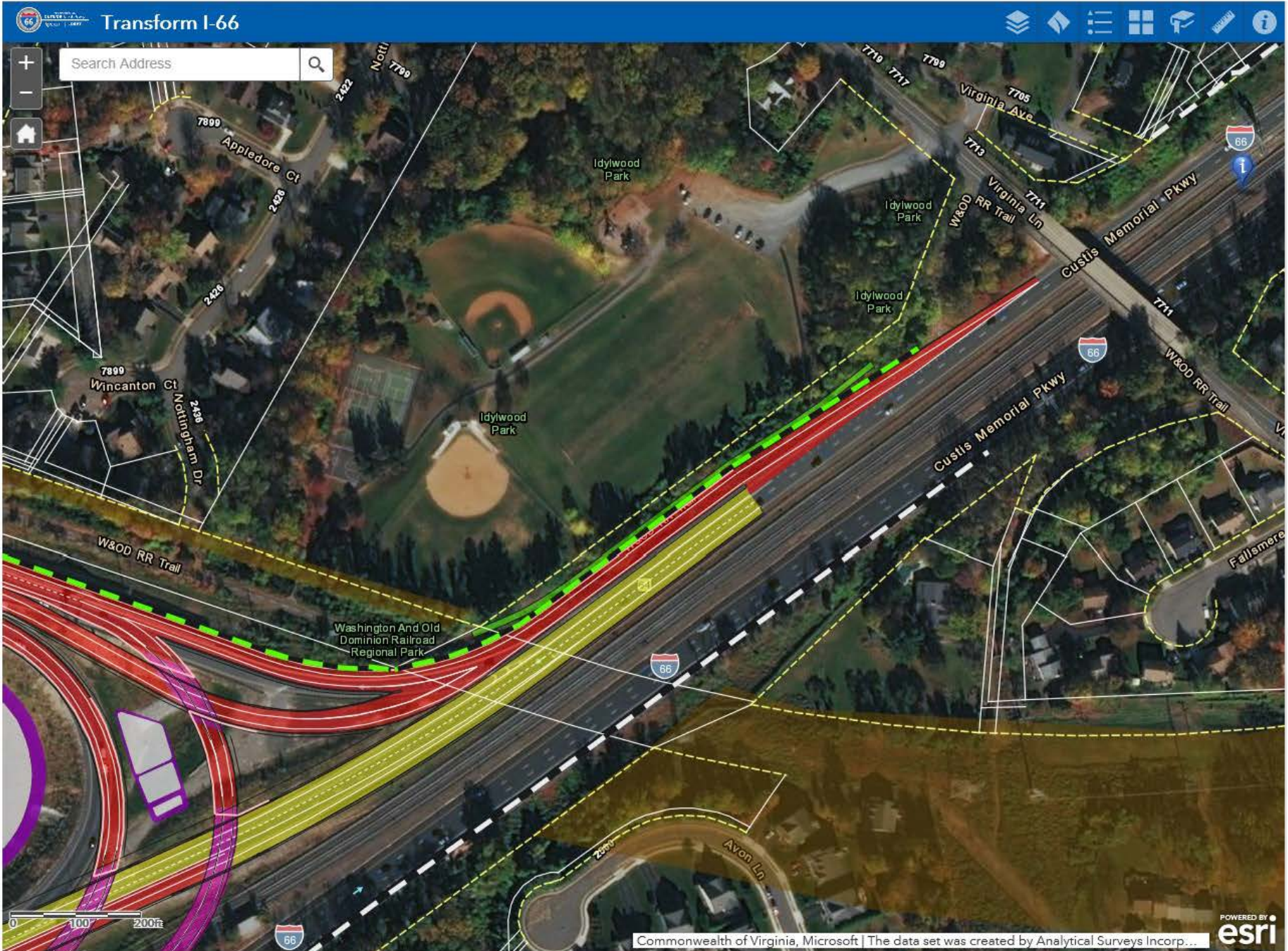
- Aims to improve safety and reduce congestion by removing the signalized intersection
- Provides direct access to Shirley Gate Road Extension and Patriot Park with connections to realigned Popes Head Road
- Includes roundabouts that allow traffic to flow without traffic signals and two new bridges over Fairfax County Parkway





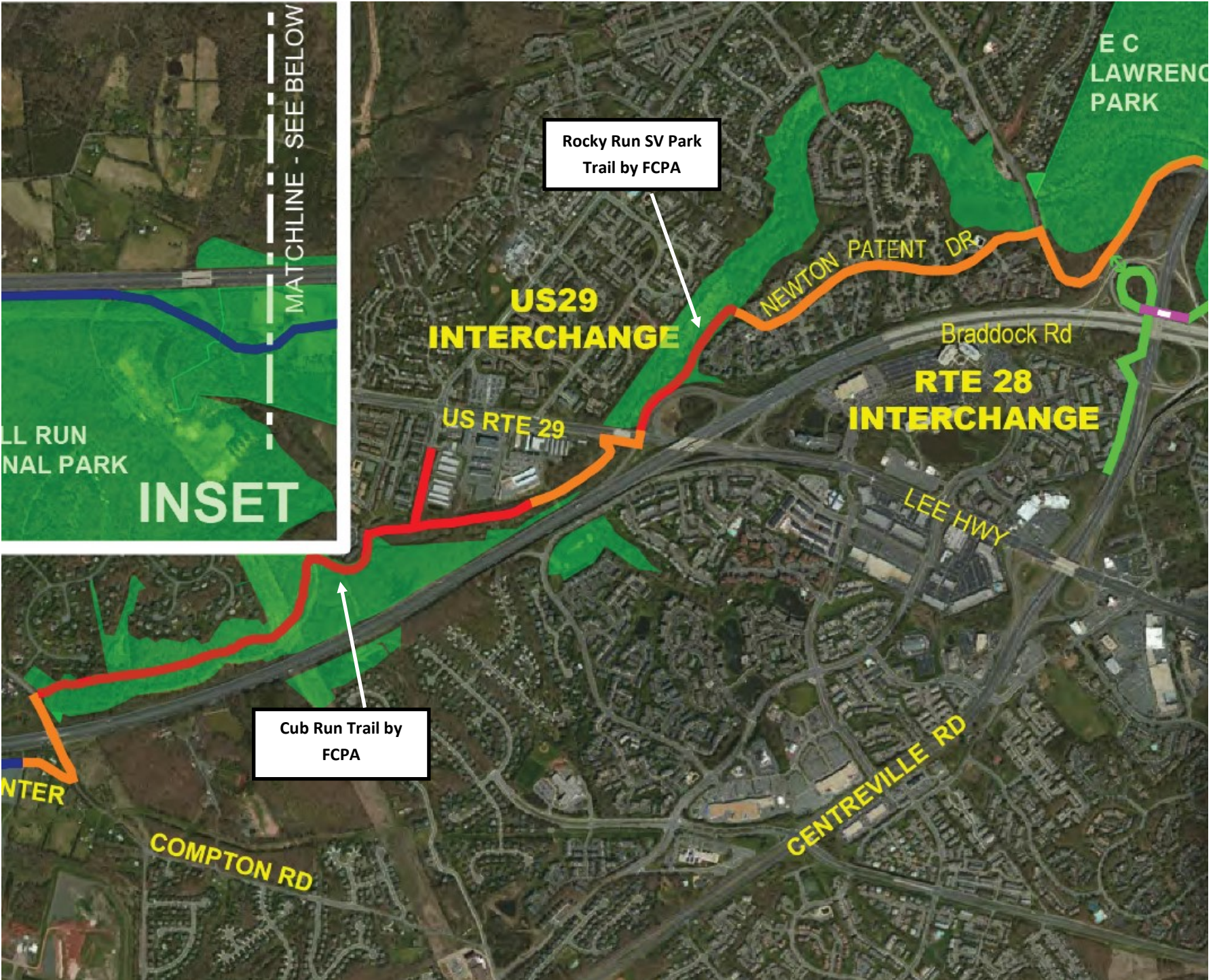
Preliminary Potential Property Impacts



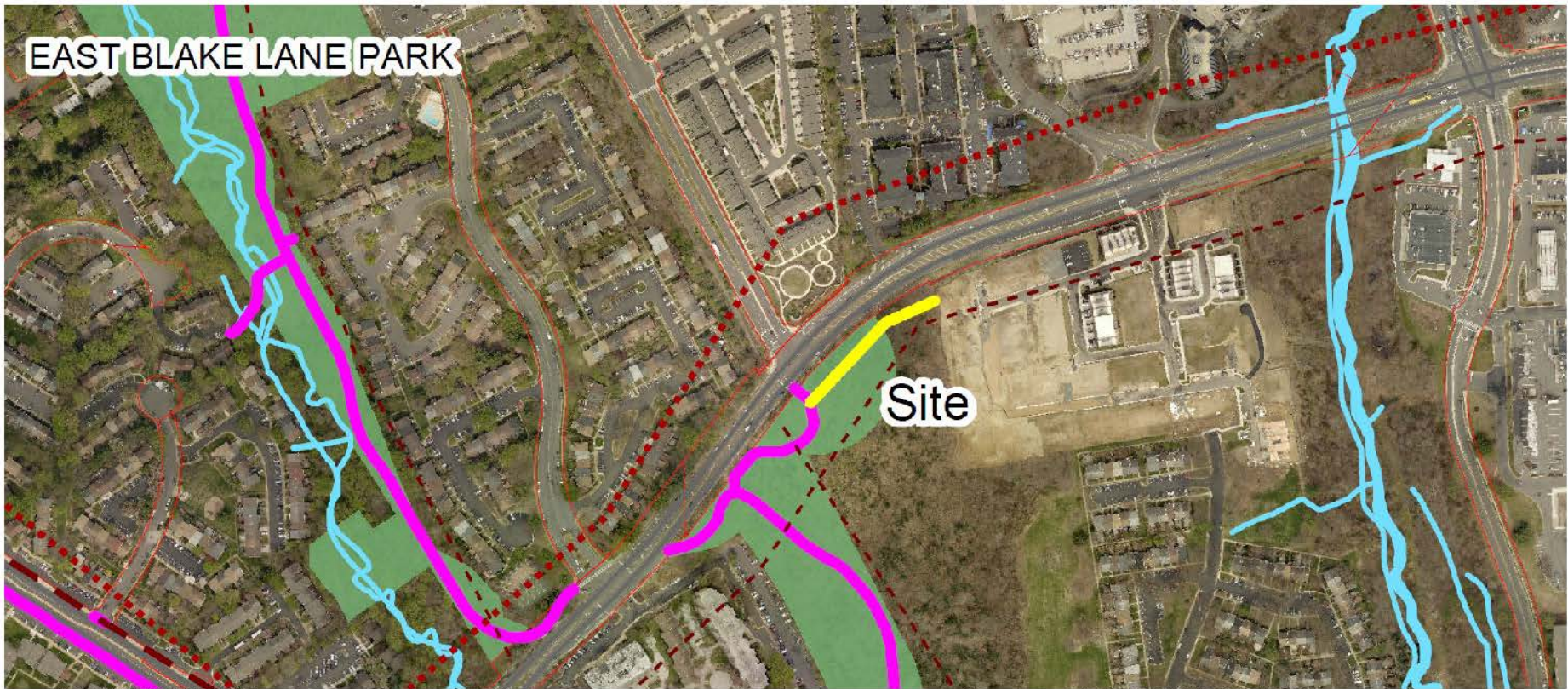


I-66 Widening Potential Noise Wall—Idylwood Park

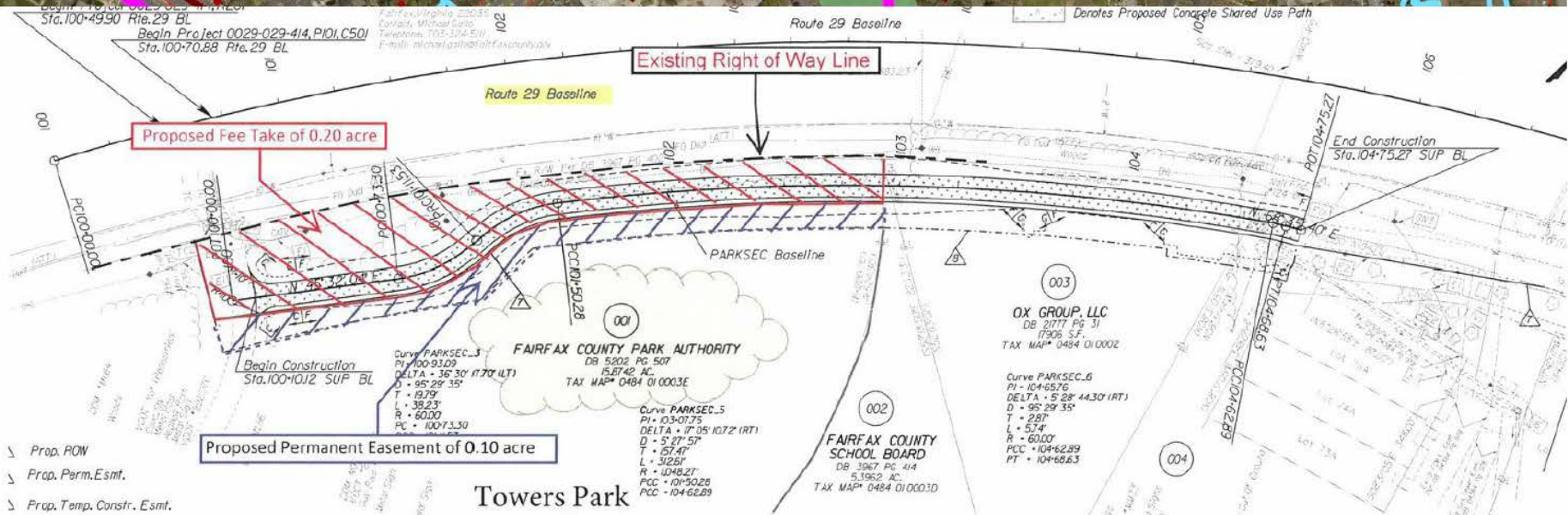


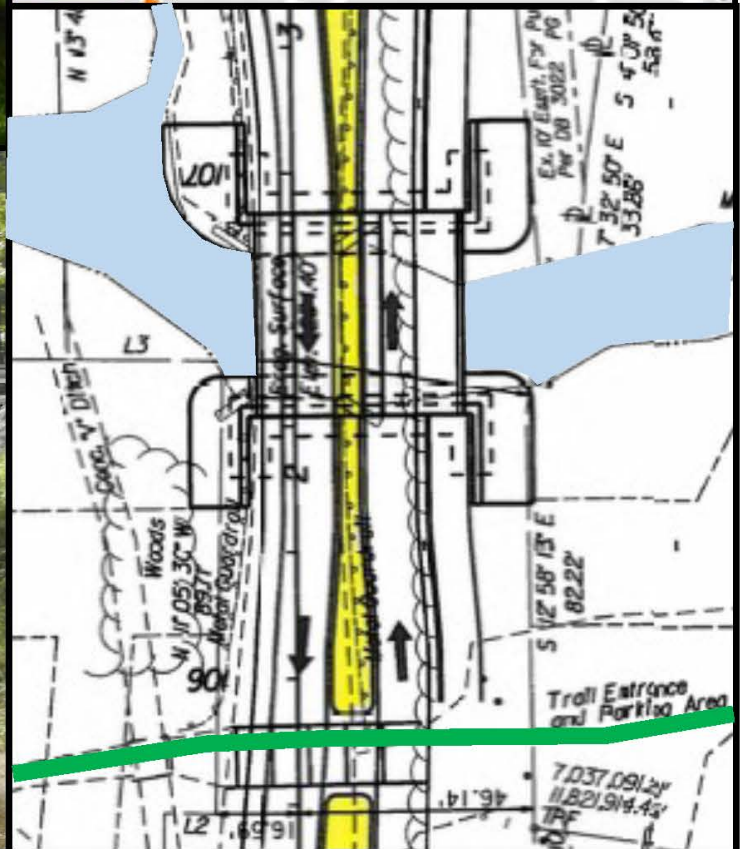


EAST BLAKE LANE PARK

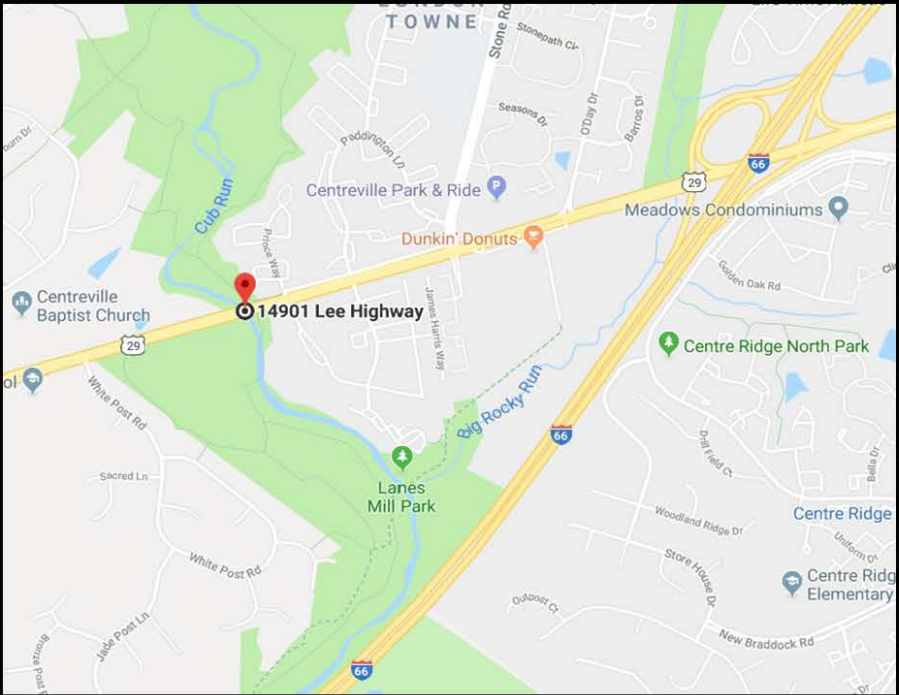


Site





EXISTING



DRAFT
For Review Purposes Only
11/8/2017

Tysons Substation

Underground 06

Underground 05

Underground 04

UG 03/04

UG 03/06

UG 03/04/05/06

UG 01/02

Underground 02/04/05/06

Underground 02

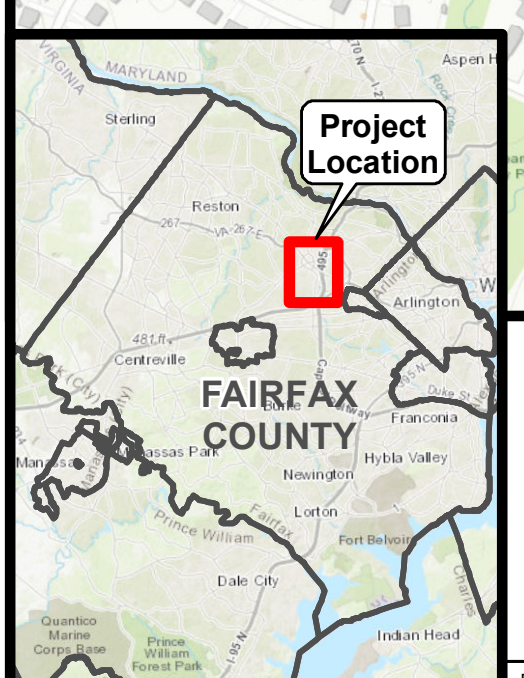
UG 02/03

Underground 01

UG 02/03

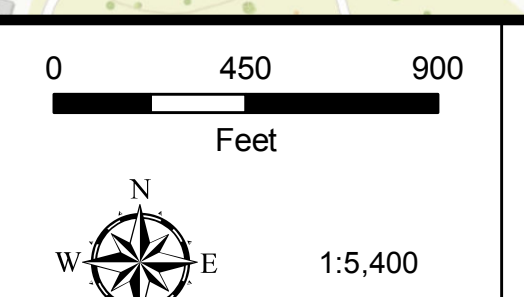
UG 01/04/05/06

Idylwood Substation



Routes Noticed in SCC Application
Idylwood to Tysons Project
Fairfax County, Virginia

- ▲ Existing Substation
- Underground 01
- Underground 02
- Underground 03
- Underground 04
- Underground 05
- Underground 06



U:\203401269\03_data\gis_cad\gis01269_p_va_roads.mxd Revised: 2019-06-21 By: MGSanderson

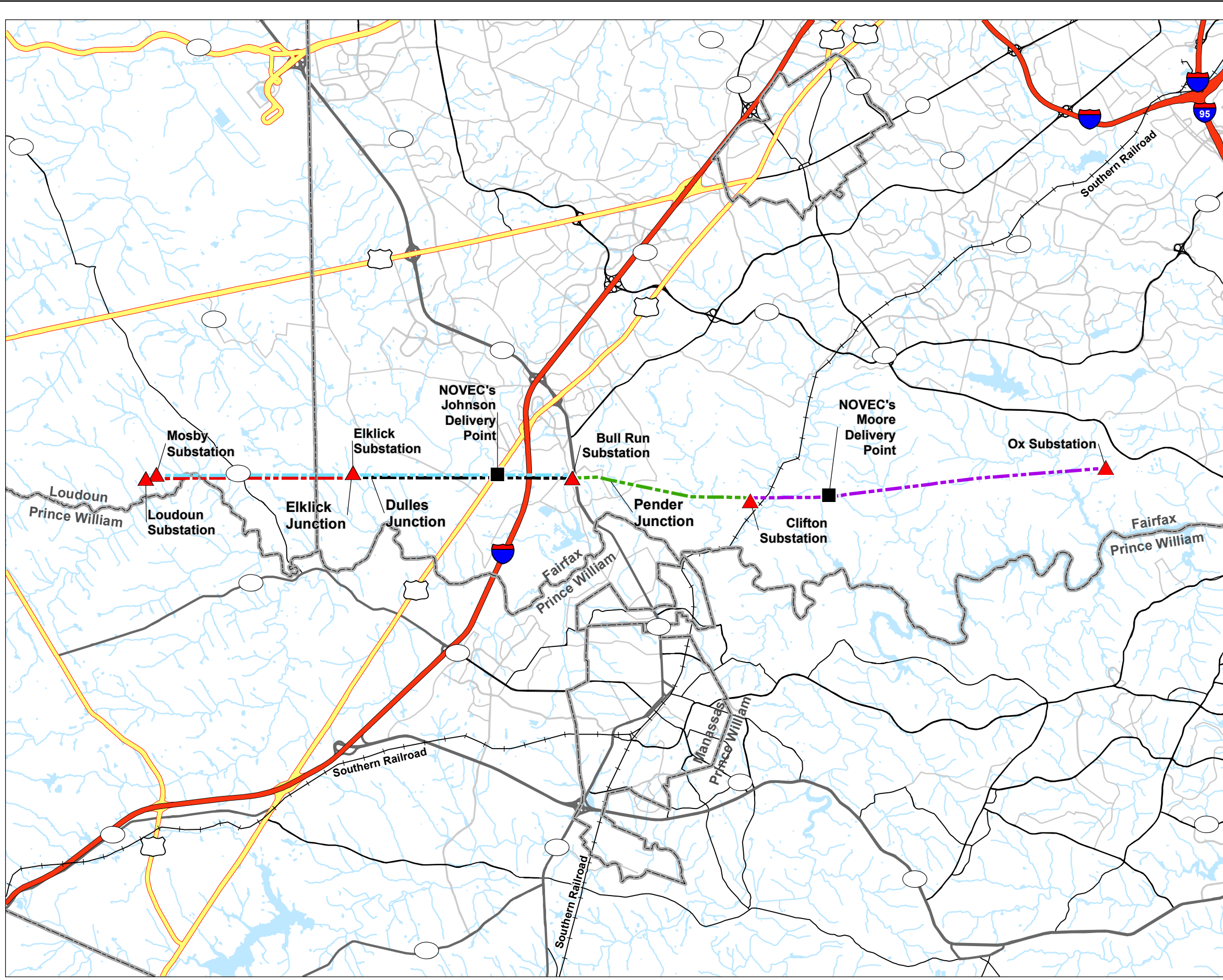


Figure No.

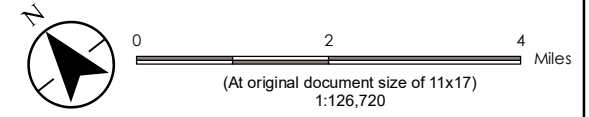
V.A.

Title

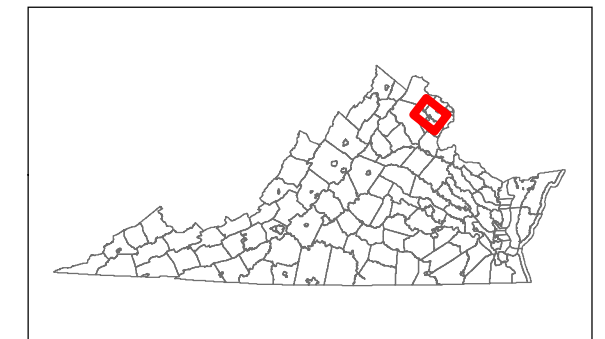
Project Overview Map

Client/Project
Dominion Energy Virginia
Loudoun-Ox 230 kV Transmission Line Partial Rebuild
203401269

Project Location
Fairfax, Loudoun, and Prince William
Counties, Virginia
Prepared by LJB on 2019-06-07
TR by ECL on 2019-06-07
IR by CPG on 2019-06-21



- Delivery Point
- ▲ Substation
- Loudoun-Bull Run Segment
- Loudoun-Elklick Segment
- Elklick-Bull Run Segment
- Bull Run-Clifton Segment
- Clifton-Ox Segment
- Freeway
- Other Major Road
- Secondary Road
- Local Connecting Road
- Important Local Road
- Railroad
- NHD Flowline
- NHD Waterbody



Notes
1. Coordinate System: NAD 1983 StatePlane Virginia North FIPS 4501 Feet
2. Data Sources: Dominion Energy Virginia, Stantec, DCR, ESRI, NHD, U.S. National Transportation Atlas Railroads



Committee Agenda Item
October 9, 2019

INFORMATION

Monthly Contract Activity Report

The Monthly Contract Activity Report lists all contract activities in support of the Capital Improvement Program (CIP) authorized during September 2019 in value over \$100,000. The report lists professional services and construction activities to include awards made via competitive bidding as well as awards made through the use of open-ended contracts. An activity is reported when procurement begins and is listed on the report until a Notice to Proceed (NTP) is issued.

ENCLOSED DOCUMENTS:

Attachment 1: Monthly Contract Activity Report

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
David Bowden, Director, Planning and Development Division
Paul Shirey, Manager, Project Management Branch

Infrastructure Projects Affecting Parkland

INFORMATION ITEM

Park Authority Board Committee Meeting
Planning & Development
October 9, 2019



Popes Head Road and Shirley Gate Road Extension Interchange

Rendering of Option 1: Triple Roundabouts (Preferred)

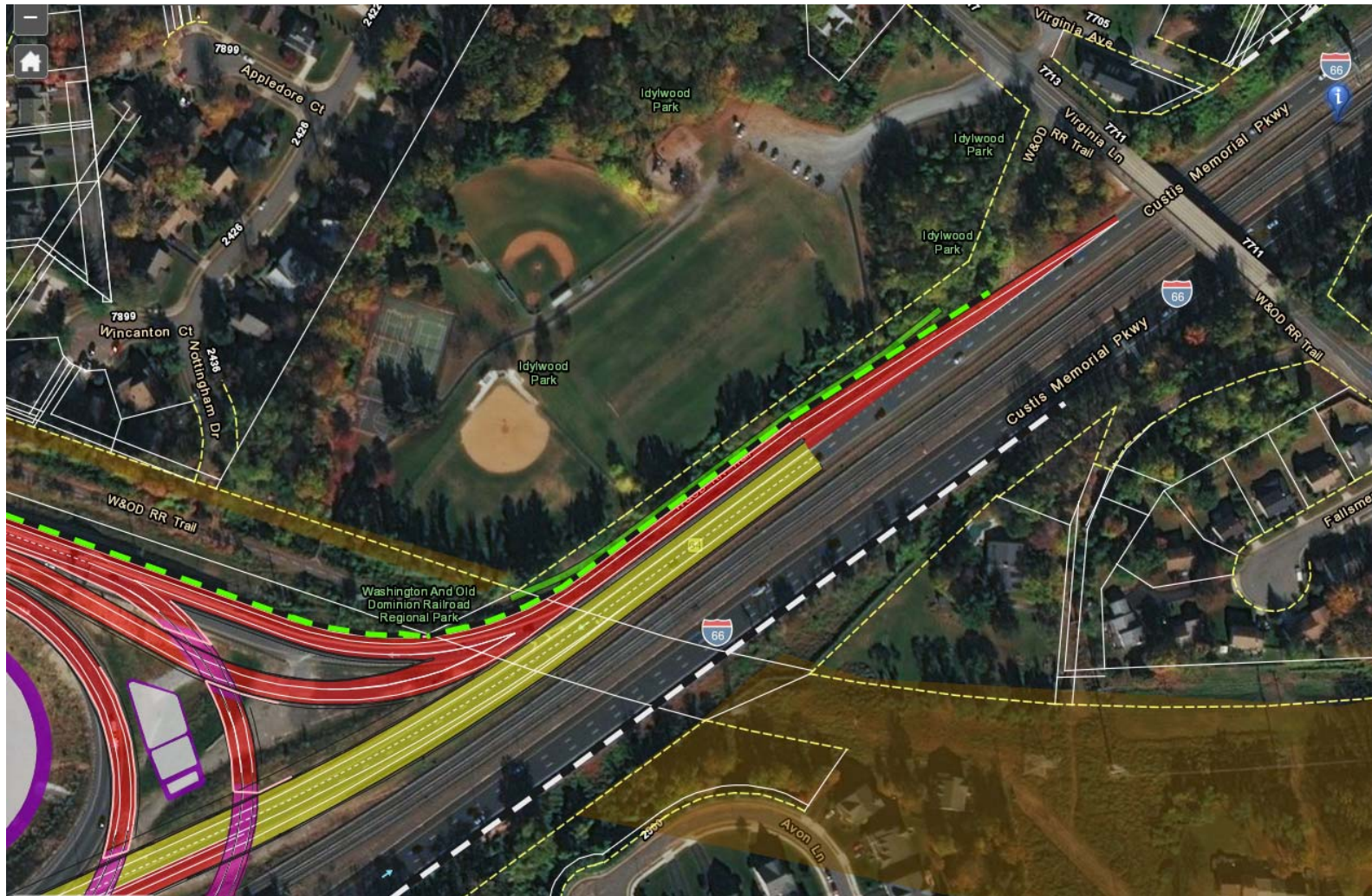
- Aims to improve safety and reduce congestion by removing the signalized intersection
- Provides direct access to Shirley Gate Road Extension and Patriot Park with connections to realigned Popes Head Road
- Includes roundabouts that allow traffic to flow without traffic signals and two new bridges over Fairfax County Parkway



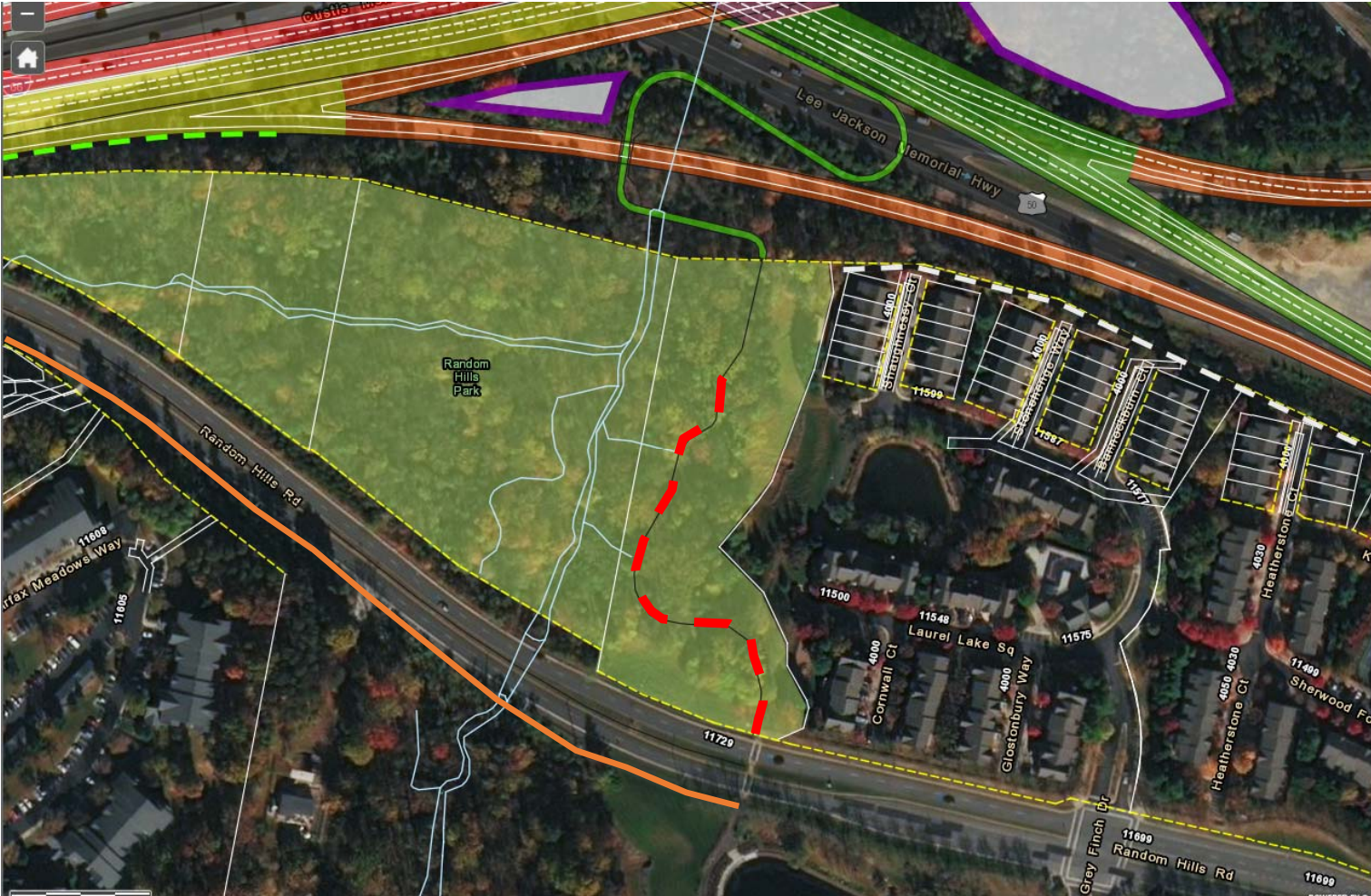
I-495 Express Lanes Extension (I-495 NEXT)



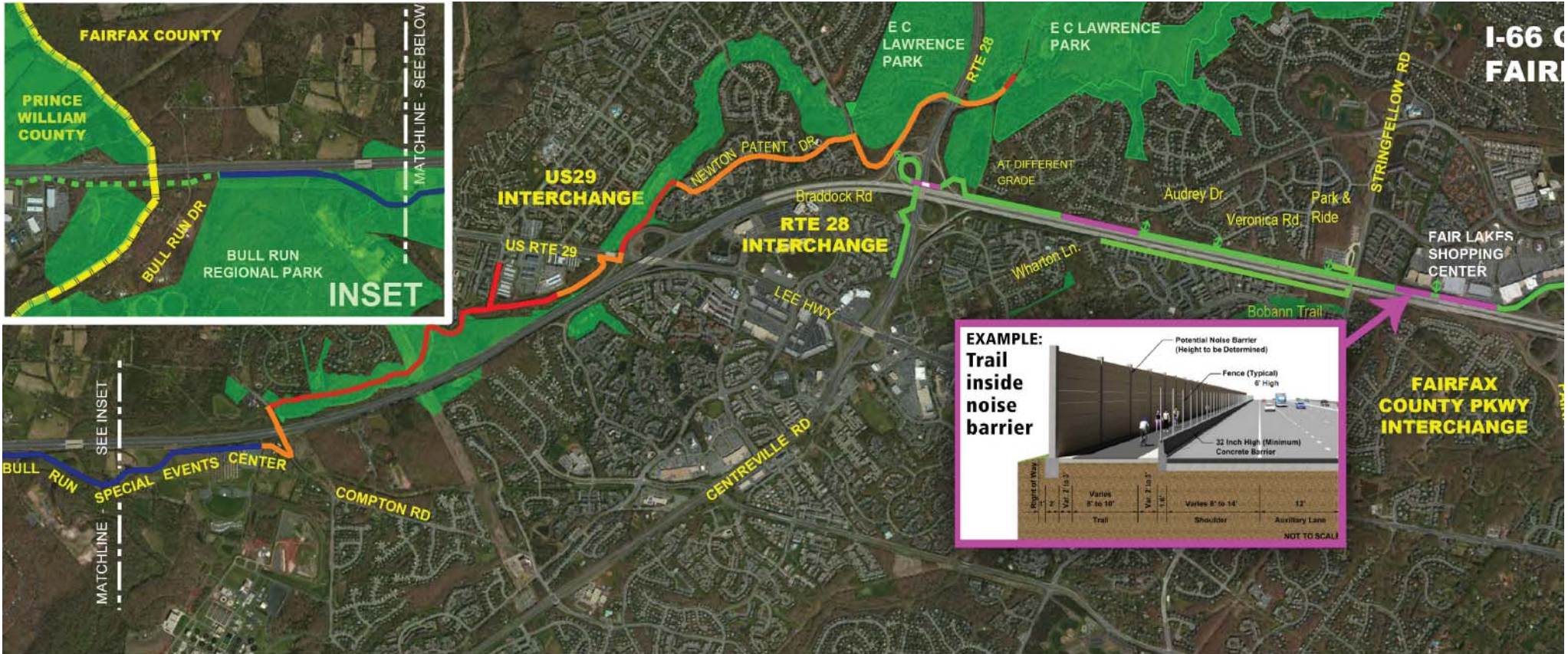
I-66 Widening Potential Noise Wall – Idylwood Park



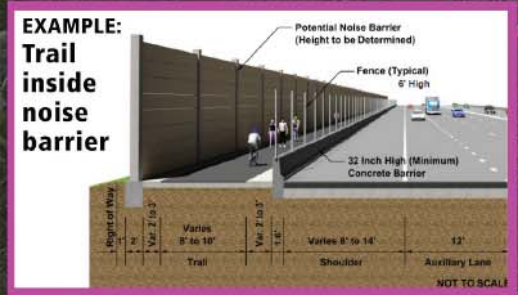
I-66 Random Hills Park Proposed Trail



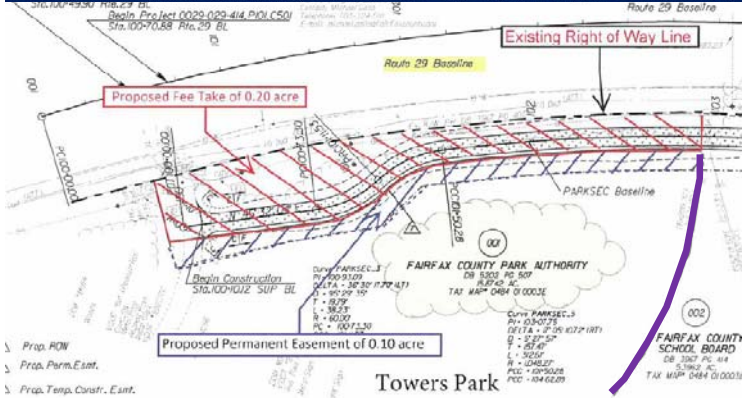
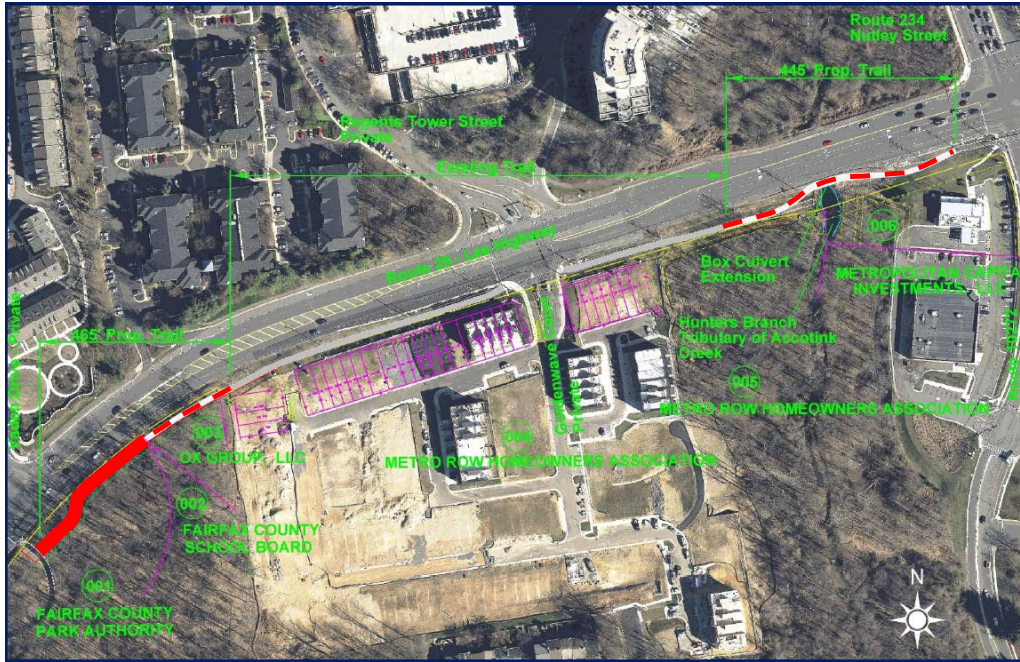
I-66 Rocky Run Stream Valley (SV) & Cub Run Proposed Trails



- Trail segments behind the noise barriers or through the interchange
- Trail segments to be constructed by NVRPA
- Trail segments adjacent to I-66 with sound barriers
- Trail segments to be constructed by VDOT/FXDOT
- Trail segments to be constructed by FCPA
- ↕ Potential Trail/Community connection locations



Route 29 Pedestrian Improvements – Towers Park



Route 7 Widening



More stormwater structures

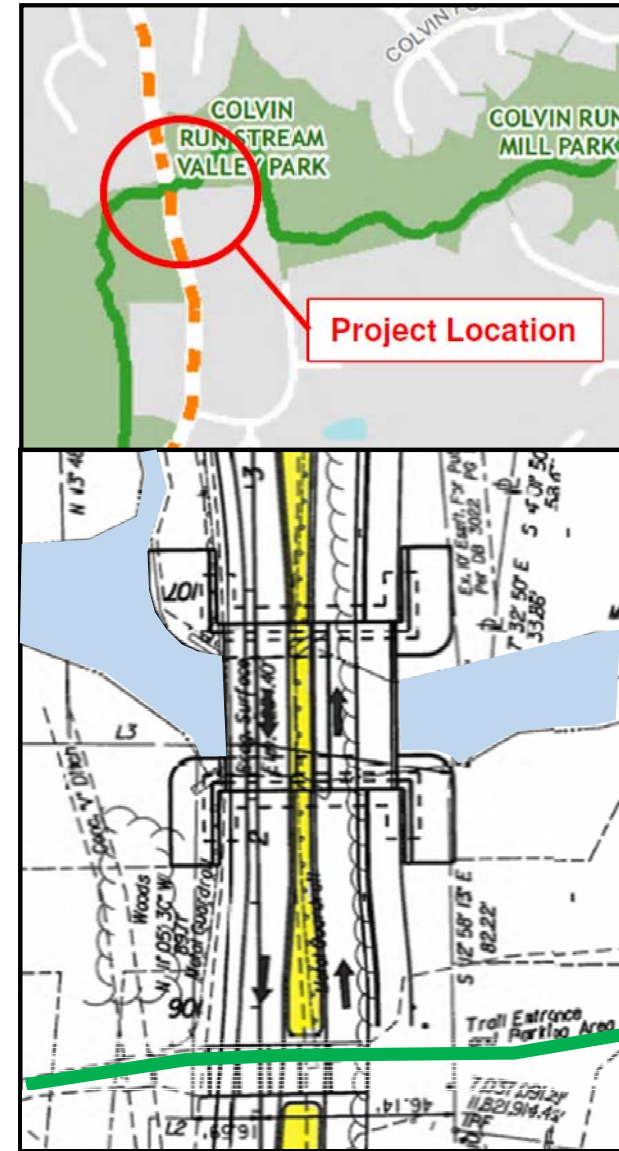


Grading material along the future Route 7 eastbound travel lanes

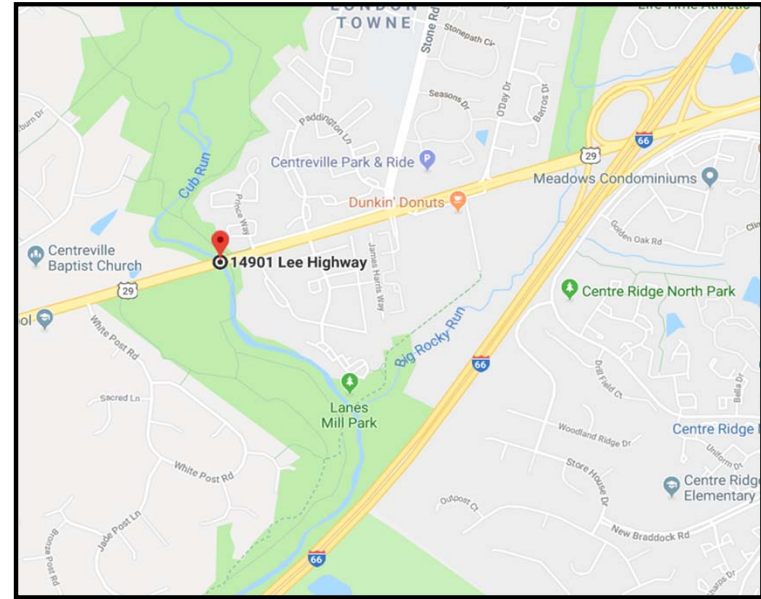


Gravel construction entrances and exits prevent vehicles and equipment from tracking dirt onto the road.

Hunter Mill Road Bridge Replacement



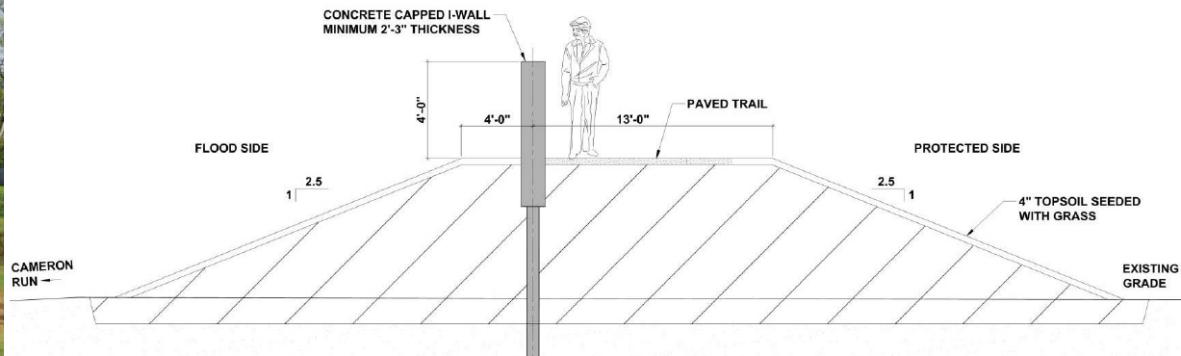
Route 29 Bridge Superstructure Replacement



Huntington Levee



A photo of the \$40M Huntington Levee project, managed by the Fairfax County Department of Public Works and Environmental Services.



Electrical Transmission Line – Loudoun to Ox

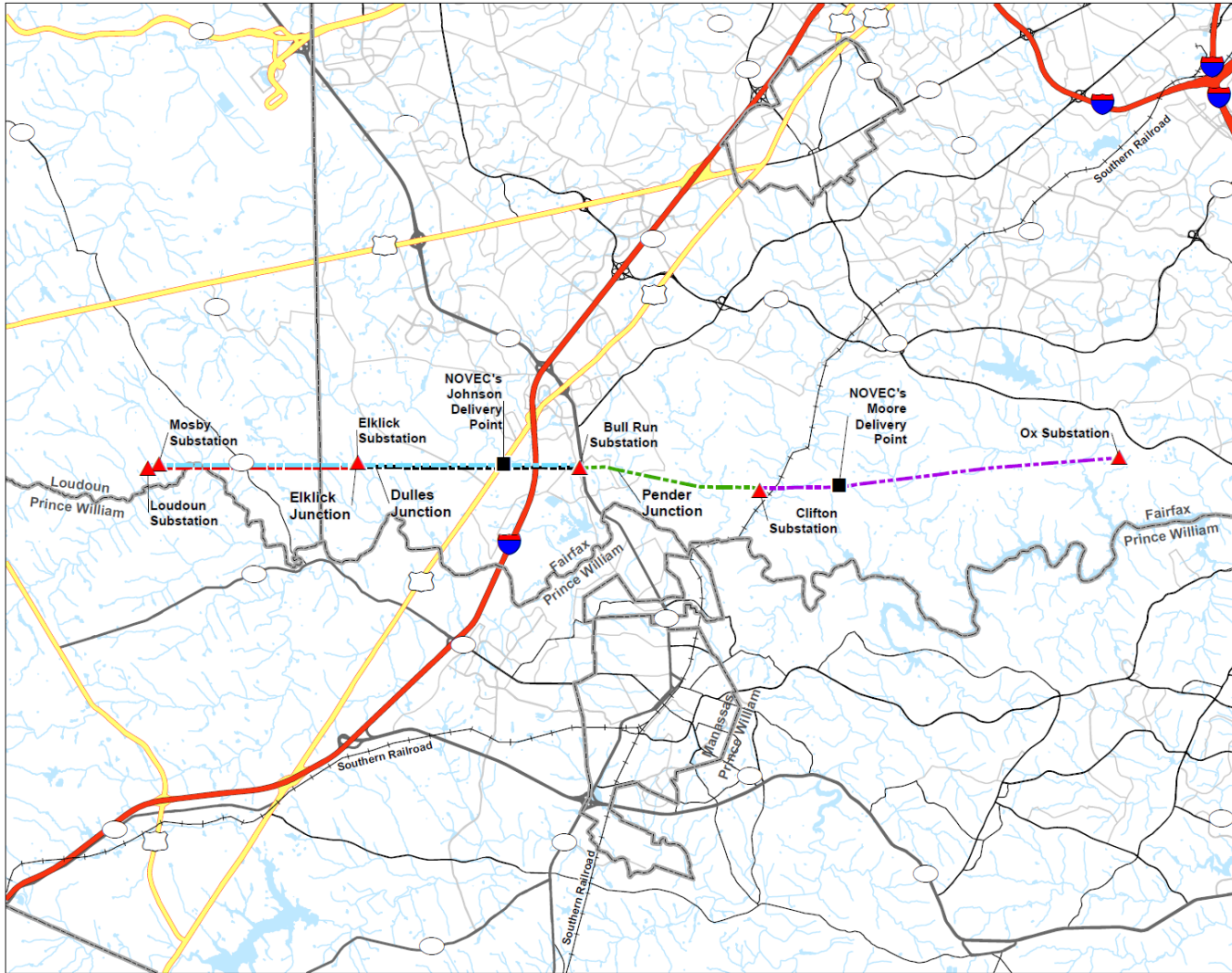


Figure No. **V.A.**
Project Overview Map

Client/Project: Dominion Energy Virginia
 Loudoun-Ox 230 kV Transmission Line Partial Rebuild

Project Location: Fairfax, Loudoun, and Prince William Counties, Virginia

Prepared by: LJB on 2019-06-07
 TR by ECL on 2019-06-07
 IT by CPG on 2019-06-21

Scale: 0 2 4 Miles
 (At original document size of 11x17)
 1:128,720

- Delivery Point
- ▲ Substation
- Loudoun-Bull Run Segment
- Loudoun-Elklick Segment
- Elklick-Bull Run Segment
- Bull Run-Clifton Segment
- Clifton-Ox Segment
- Freeway
- Other Major Road
- Secondary Road
- Local Connecting Road
- Important Local Road
- Railroad
- NHD Flowline
- NHD Waterbody

Notes:
 1. Coordinate System: NAD 1983 StatePlane Virginia North FIPS 4501 Feet
 2. Data Sources: Dominion Energy Virginia, Stantec, DCR, ECR, NHD, U.S. National Transportation Atlas Railroads

Construction Services:								
Project Name	Company Name	Contract Award	Total Construction	Type of Contract	Funding Source	Scope of Work	NTP	Comments
Tyson's Woods Playground Replacement	Kompan	\$107,532.78	\$125,000	PO	PR-000078-055	Replace existing playground	9/30/19	
Alabama Drive Lighting Replacement	Musco	\$325,801	\$420,000	PO	PR-000078-073/074 and PR-000068-018	Replace lighting at two diamond fields and the basketball court.	10/14/19	
Alabama Drive Irrigation Replacement	Premier Sports Fields LLC	\$123,286.20	\$150,000	PO	PR-000078-073	Replace irrigation at two diamond fields and one rectangle.	10/1/19	
Laurel Hill Central Green	Playcore	\$190,454.40	\$190,454.40	PO	PR-000091-054	3 large picnic shelters	10/8/19	
Wolf Trails Playground Replacement	Kompan	\$108,336.47	\$125,000	PO	PR-000078-054	Replace existing playground	9/3/19	
Wakefield Park Maintenance Facility – Equipment Wash Pad	The Matthews Group Inc.	145,669	186,000	PO	SD-000033-088	Construction of a water recycling equipment wash pad.	9/17/19	
Twin Lakes Golf Course Irrigation Improvements	George E. Ley Co.	\$958,240	TBD	CN	PR-000078-053	Irrigation improvements	TBD	
Area 1 Maintenance Facility	TBD	TBD	TBD	CN	PR-000078-03	Replace/upgrade existing Area 1 Maintenance Facility	TBD	Solicitation cancelled after only one high bid received. Anticipate re-bid in January 2020.

October 9, 2019

Lee District RECenter Playground and Shelter Replacement	Gametime	\$149,164.59	\$256,000	PO	PR-000078-069	Replace RECenter playground and associated shade structure.	TBD	
Pinecrest Golf Course - Stormwater Pipe Replacement	George E. Ley Company	\$147,205.36	\$175,000	CO	PR-000101-036	Replace 330 linear feet of failed 48" CMP crossing fairway no. 1.	8/27/19	

October 9, 2019

Professional Services:					
Project Name	Firm Name	Amount	Funding Source	Scope of Services	NTP
Museum and Collections Facility	Glave & Holmes Architecture	\$323,475.58	PR-000076-003	Design, Permitting and Construction Administration services for the Museum and Collections Facility, as procured through a Request for Qualifications process	8/21/19