



County of Fairfax, Virginia

Shirley Gate Road Extension Alignment and Interchange Concept

Comprehensive Plan Amendment No. 2016-III-T1

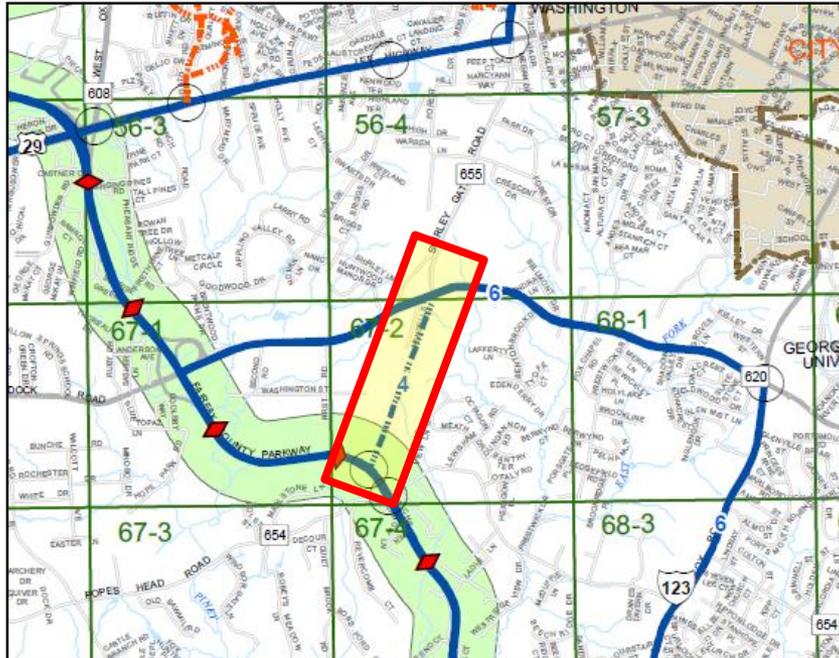
*Springfield Land Use Committee
Information Meeting*

June 6, 2016



Current Comprehensive Plan

Area III, Pohick Planning District,
Twin Lakes Community Planning Sector (P1)

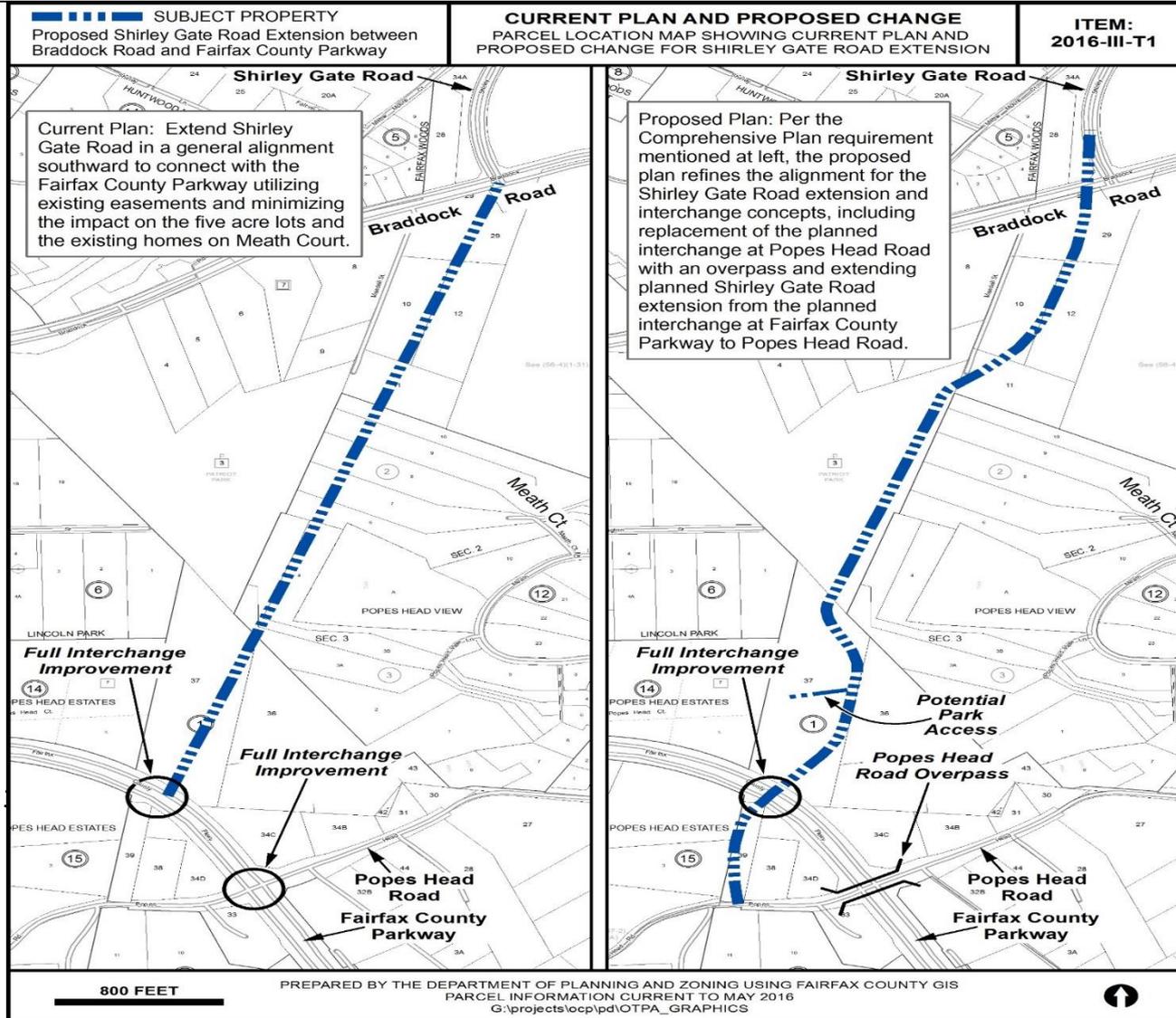


Current plan includes a generic alignment and calls for two interchanges. Subject Comp Plan Amendment identifies a preferred alignment and interchange concept, including a single interchange at the Parkway and an overpass over Popes Head Road.

- The Shirley Gate Road extension has been on the Transportation Map in the County Comprehensive Plan since 1991.
- The grade-separated interchanges along the Parkway at the planned Shirley Gate Road extension and Popes Head Road have been on the Transportation Plan since 2006.



County of Fairfax, Virginia



Proposed Plan

Refined alignment

One circle denoting interchange at Shirley Gate Rd extension with an overpass over Popes Head Rd

Current Plan

Generic alignment

Two circles denoting interchanges at Shirley Gate Rd extension and Popes Head Rd





Stakeholder Meetings

- Five meetings held between May and September 2015
 - Guided the development of measures of effectiveness (MOEs)
 - Provided adjustments to weighting values
- Major categories of MOEs used for alignment selection:
 - Impacts to Adjacent Properties
 - Septic Fields, Noise, Storm and Water Quality, Lighting
 - Impacts on Transportation System
 - Traffic Operations, Improvements to Road Network, Safety
 - Cost
 - Minimize the Cost of Construction



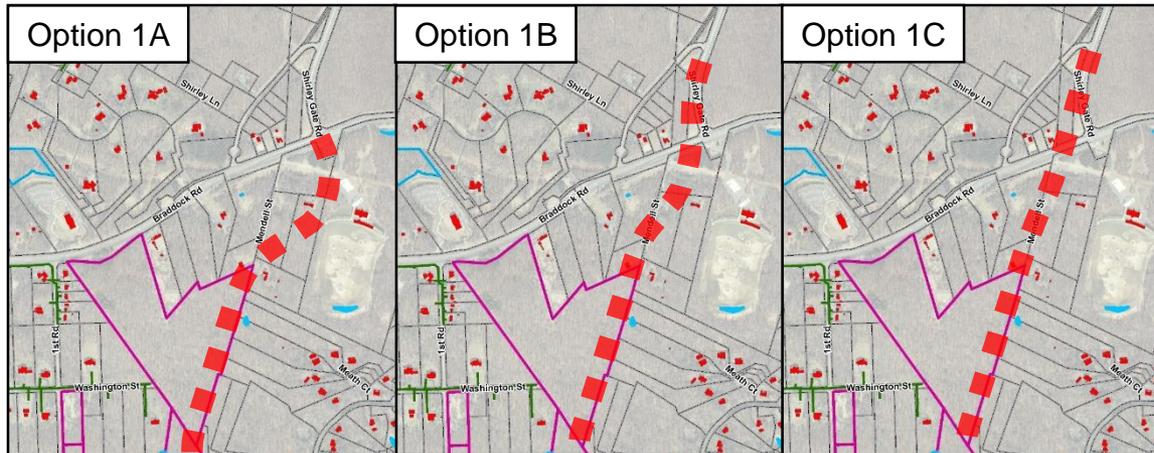
December 2015 Public Meeting

- 100+ Attendees
- Existing Traffic Issues
- Future Traffic Network
- Prior input from Stakeholders on Measures of Effectiveness(MOEs), used in evaluation of future road alignments and interchange concepts
- Next Steps



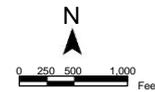
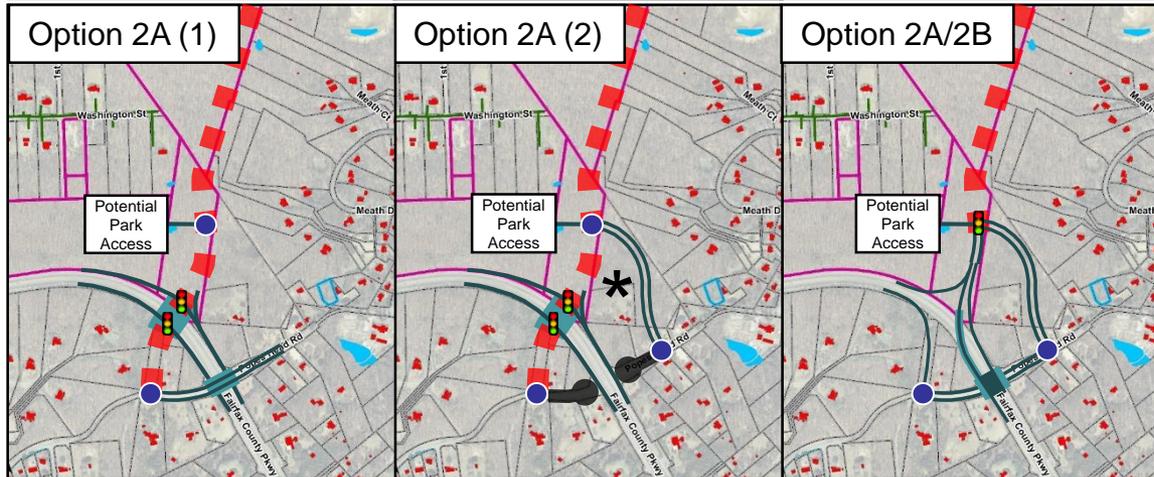
Alignment and Interchange Options

Alignment
Option 1B
chosen



- Alignment Option
- Future Local Road
- Cul-de-Sac
- Interchange Ramp
- Proposed Bridge
- Future Traffic Signal
- Future Intersection (traffic control TBD)

Inter-
change
Option
2A(1)
chosen





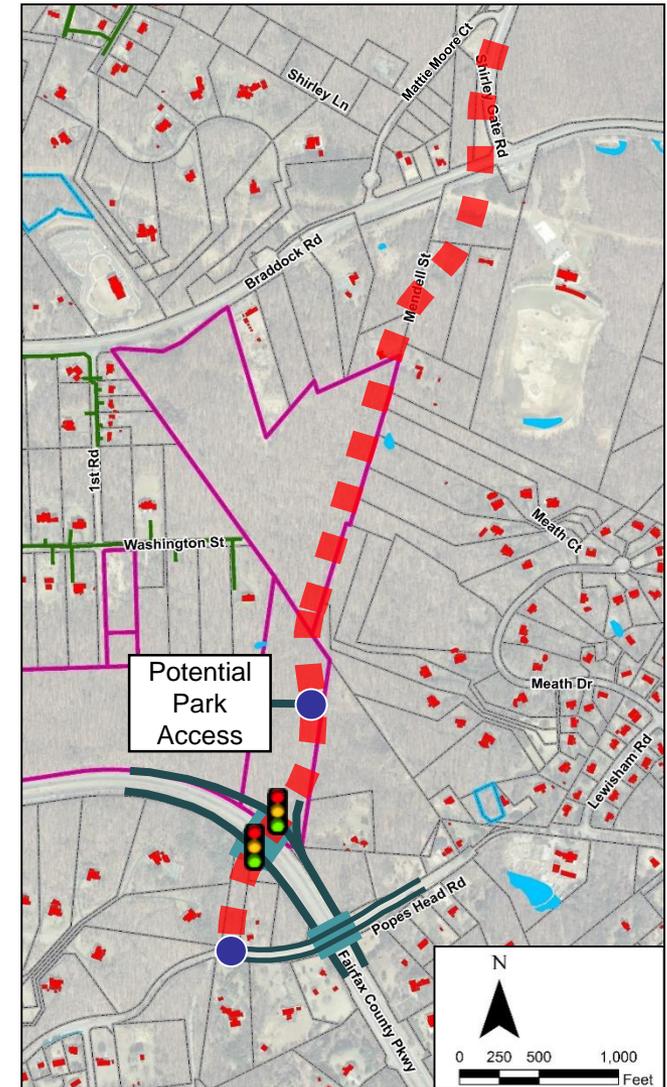
Preferred Alignment

Northern Alignment 1B

- Avoids massive power structures and other utilities
- Alignment along Park Property
- Avoids homes

Southern Alignment 2A (1)

- Max use of park property
- Least intrusive to Popes Head Road Residents
- Costs less than other interchanges
- Less delays and much safer than existing intersection at Popes Head Road/ FC Parkway





Shirley Gate Road extension interchange would be grade-separated above the existing Fairfax County Parkway (FCP) with on and off ramps along the FCP. Popes Head Road would have an overpass.



Benefits of Shirley Gate Road Extension and Interchange Improvements

- Improved Safety at FCP/ Popes Head Road
- Access to Patriot Park
- Reduced traffic volumes along area roadways/intersections (Popes Head Road, Braddock Road, Route 123, Route 123/Braddock Road Intersection)
- Reduced travel times along Fairfax County Parkway (FCP) and Popes Head Road
- Improved access to FCP for Popes Head Road residents
- Improved access to the west end of the City of Fairfax/Fair Oaks area



Ongoing Projects in Area

Under Construction

- FCP/FSP/Rolling Road interchange improvements
- Route 29 widening between Shirley Gate Road and FCP

Key Projects Planned or Under Design

- FCP widening between Route 29 and Route 123
- FCP southbound auxiliary lane between Route 29 and Braddock Road
- FCP improvements between I-95 and Richmond Highway (Study)



Mitigation Considerations

- Provide follow-up analysis regarding existing Shirley Gate Road Driveway Access (Route 29 to Braddock Road)
 - FCDOT will analyze these driveway access issues, work with the community and develop a recommended plan to address these issues.



Next Steps

- Planning Commission Public Hearing –Postponed.
Reschedule Date to be determined.
- Board of Supervisors Public Hearing – Postponed.
Reschedule Date to be determined.
- Design and Construction (no schedule at this time) –
Extensive Public Involvement



Questions?

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