

U.S. Route 29/50 (Fairfax Blvd)
at Route 123 (Chain Bridge Road)
Intersection and Drainage
Improvements

City Council Worksession

July 23, 2013



Tonight's Agenda

- Brief project overview
- Review public comments
- Review proposed plan changes
- Discuss project funding and schedule



Project Team

- City of Fairfax
- Virginia Department of Transportation
- Rinker Design Associates, P.C. – Consultants
- The Public



Project Scope

- Project Scope

- Roadway Improvements

- Widen Route 123 to Six Lanes (Fairfax Boulevard to Eaton Place)
 - Route 123/50/29 Intersection Improvements
 - Realignment of Substandard Transition of Fairfax Boulevard Approach to Route 123 from the west
 - Turn Lane Improvements (All Approaches)
 - Access Management Improvements

- Culvert Improvements

- Conveyance of 100-Year Flood for North Fork Accotink Creek from Route 123 to Eaton Place



Project Location



Recent Process to Date

- Draft plans developed for public hearing
- Public hearing held on April 23, 2013
- Public comment period through May 10, 2013
- Outreach to property owners
- Staff review of comments
- Draft modifications to plans
- Meetings with VDOT to review proposed modifications



Public Comments

- Public Hearing Held on April 23, 2013
- 10 comments received during public hearing
- 33 written comments received during comment period
- 7 primary categories of comments



Public Comments

1. Orchard Street Median Crossover
 - Objection to the closure of the existing median opening at Chain Bridge/Orchard
 - 25 comments
2. Pedestrian Accommodations and Consistency with Long Range Plan
 - Concern about pedestrian mobility at the 123/50 intersection
 - Concern about plan compatibility with Fairfax Blvd Master Plan
 - 8 comments



Public Comments

3. Stormwater Management and Downstream Flooding
 - Concern about stormwater runoff downstream of the project
 - Concern about erosion of the creek bed at the outfall point
 - 4 comments

4. Property Impacts and ROW Acquisition
 - Property owners would like additional information
 - 2 comments



Public Comments

5. Property Access

- Concern about loss of median breaks at Toyota dealership and at Vespucci's
- 5 comments

6. Eaton Place/Route 123 Intersection

- Need for improvements at this intersection
- 3 comments



Public Comments

7. Other Comments

- Preserve median trees
- Need wider landscape strip
- Add traffic calming at City entrance
- Change right turn geometry at intersection
- Perform a speed study
- Better accommodate merging traffic
- Do not use eminent domain
- Manage construction traffic



U.S. Rte. 29/50 (Fairfax Blvd.) at Rte. 123 (Chain Bridge Road) Intersection & Drainage Improvements

VDOT Project No. 0029-151-105
Public Hearing: April 23, 2013
City of Fairfax, VA



Response to Comments

- Orchard Street (Category 1)
 - Maintain a partial median break through use of a traffic signal on Chain Bridge Road in the southbound direction only
- Pedestrian Improvements (Category 2)
 - Remove the channelized right turn lanes and convert intersection to stop-on-red design
 - Project does not preclude future redevelopment of parcels or additional transportation improvements



U.S. Rte. 29/50 (Fairfax Blvd.) at Rte. 123 (Chain Bridge Road) Intersection & Drainage Improvements

VDOT Project No. 0029-151-105
Revised Design: July 12, 2013
City of Fairfax, VA



Response to Comments

- ◎ Stormwater Management (Category 3)
 - No revisions necessary; project will not increase runoff
- ◎ Property Impacts (Category 4)
 - Property owners have been contacted by mail about project
 - Staff has met with one property owner
 - There will be detailed, subsequent communication with property owners in the ROW phase.



Response to Comments

- ⦿ Property Access (Category 5)
 - City explored ways to keep median breaks on Route 29/50 open, but it was not feasible due to safety concerns
- ⦿ Eaton Place/Route 123 Intersection (Category 6)
 - Outside scope of current project
 - Current project does not preclude future improvements at intersection



Response to Comments

- ◎ Other Comments (Category 7)
 - Plans show 4-foot landscape buffers at most locations
 - City desires wider landscape buffer and sidewalks, which can be achieved when parcels redevelop
 - City does not recommend changing speed limit
 - Maintenance of Traffic (MOT) during construction



Schedule

Milestone:

Date:

Preliminary Design	Complete
Environmental Documents (CE)	Complete
Formal Public Hearing	Complete (April 23, 2013)
Public Comment Period	Complete (April 23 – May 10)
City Council approval of Plans	September 10, 2013
Begin Right of Way Acquisition	Fall 2013
Begin Utility Relocation	Spring 2013
Construction Plans for Approval	Winter 2014
Advertise for Construction	Spring 2015
Start Construction	Spring 2015
Construction Complete	Winter 2016



Project Cost Estimate

- **Project Cost**

Engineering (PE) :	\$1.5 M
Right of Way Acquisition (RW):	\$9.5 M
<u>Construction (CN):</u>	<u>\$10.0 M</u>
Project Total:	\$21.0 M

- **Funding Sources:**

Federal:	\$7.3 M
State:	\$3.0 M
NVTA funding (proposed):	\$5.0 M
<u>Unfunded contributions:</u>	<u>\$5.7M</u>
Total	\$21.0 M



Questions / Comments?

