



The Use of Stormwater Funds for Stormwater System Improvements within Existing VDOT Right-of-Way

Recommendation

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Background

Stormwater Project Priority - 1997

1. State/federal mandates and emergency dam Issues
2. Structural flooding
3. Stormwater quality improvements
4. Several stream erosion
5. Moderate stream erosion
6. Yard flooding
7. Road flooding

2006 Policy

“Road projects not related to the protection of stream beds or banks or water quality will not be funded out of the stormwater and watershed budget”

Upgrade Existing Road Culverts

This option will address flooding of:			
Yard	Road	Structures	Floodplain
☐	✓	☐	✗

- Upgrade existing road culverts to meet or exceed current design standards
- Includes VDOT maintained infrastructure – requires change to existing Board Policy

Advantages

- 1) Protects roads
- 2) Reduces upstream backups
- 3) Reduce vehicle flood losses

Since FY2016, Fairfax County and VDOT have partnered on 51 projects totaling \$4M in state funds to address stormwater drainage problems

Challenges

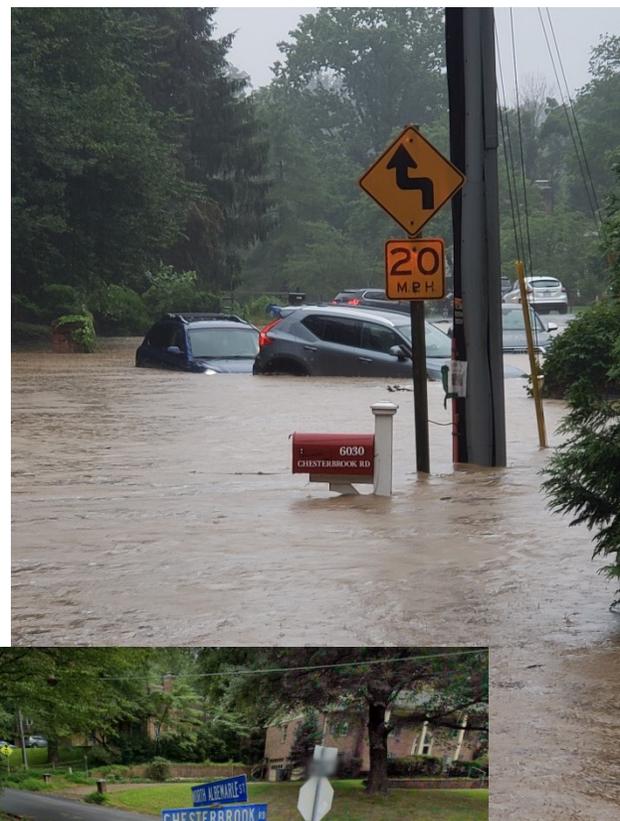
- 1) Utility conflicts
- 2) Land acquisition
- 3) Current Board Policy
- 4) May require stream stabilization at the outfall
- 5) Cost – Several estimates about \$1M/crossing



Background

Inadequate stormwater infrastructure within the right-of-way (ROW) may:

- Create a safety hazard
- Cause a localized flooding
- Damage public infrastructure and private property



Chesterbrook Rd & N
Albemarle St Flooding
(7/8/2019)

Background

Most VDOT Transportation funds limited to:

- Mitigate congestion
- Improve capacity

County Safety and Operation Improvement Fund

- Drainage projects in partnership Fairfax County



Valley Ave & Cross St Flooding (7/8/2019)

Recommendation

That the 2006 Board Policy be updated to allow the use of stormwater service district funds to improve stormwater facilities in the right-of-way.

Present for approval at upcoming Board Meeting



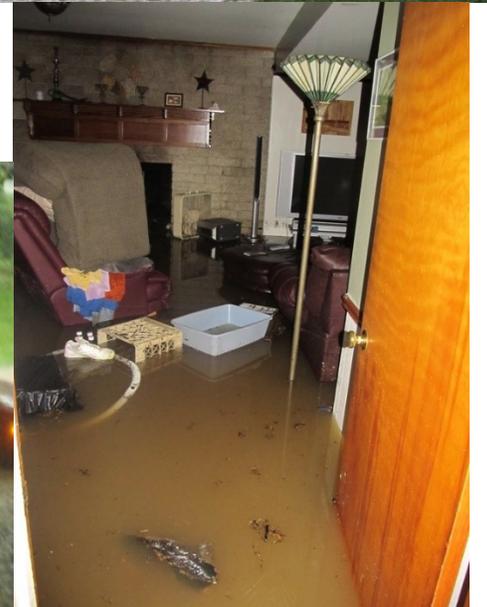
Chowan Ave
Flooding
(9/08/2011)

Recommendation

Right-of-way drainage improvement projects will:

- Be prioritized annually with other flood mitigation projects
- Be presented to the Board as an information item
- Not be used to fund pedestrian, vehicular, street lighting or VDOT maintenance

Venice St
Flooding
(9/08/2011)



Additional Information

For additional information please contact:

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