Cardinal School Stormwater Detention Vault

Community Meeting

February 23, 2022







Agenda

- Construction update
- Upcoming activities
- Concerns
- Q&A



Engagement to Date

- County/School Board December, 2020
- Concept/30% Plans Four civic associations in January/February, 2021
- Civic Federation February 16
- Sports Commission February 25
- Use Permit Hearing March 2
- County/School Board March, 2021
- 65% Design Public meeting May 26, 2021
- 100% Final Design Public meeting July 28, 2021
- County Board/School Board Meetings September, 2021
- Lexington neighbors on-site meeting September 15, 2021
- Pre-construction meeting September 22, 2021
- Public engagement/outreach will continue through project completion

Phase 2 Construction

 Stormtrap modules will be used for the project





Detention

StormTrap underground stormwater detention systems temporarily store runoff in large underground chambers before releasing it at a controlled rate. This mitigates erosion, flooding and many of the other harmful effects of high volumes of stormwater runoff.

Project Status to Date

- Setup Maintenance of Traffic (MOT) and Erosion and sediment control (E&S) at site
- Support of Excavation installation of piles for larger vault is progressing well
- Site Dewatering
- Excavation is getting underway



Upcoming Activities

- Continuing excavation
- Vault modules start to arrive mid-April
- Install gravel mat below vault area
- Module installation will begin (using cranes)
- Piles for second vault will be installed in June (about 1 week duration)



Concerns Heard to Date

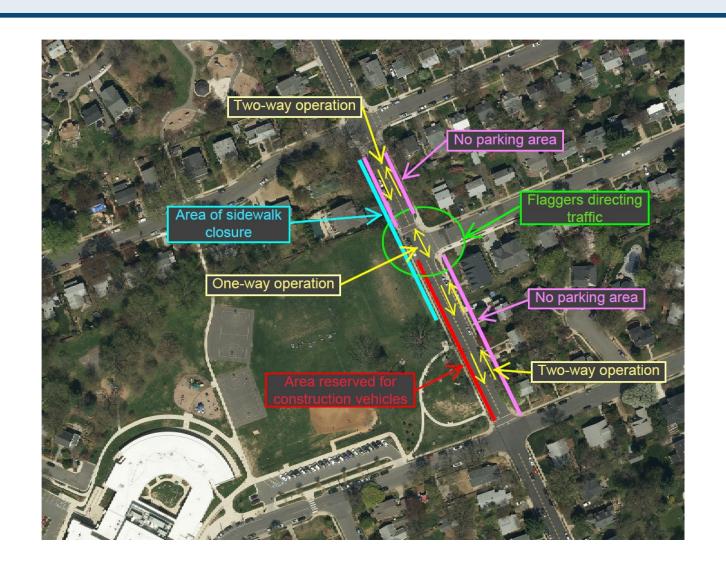
- MOT Setup
 - Use of closed lane
 - Flaggers
- Dust can use water with sweeper when it's above 40 degrees
- Worker parking
- Mailbox/trash can
- Bus stop



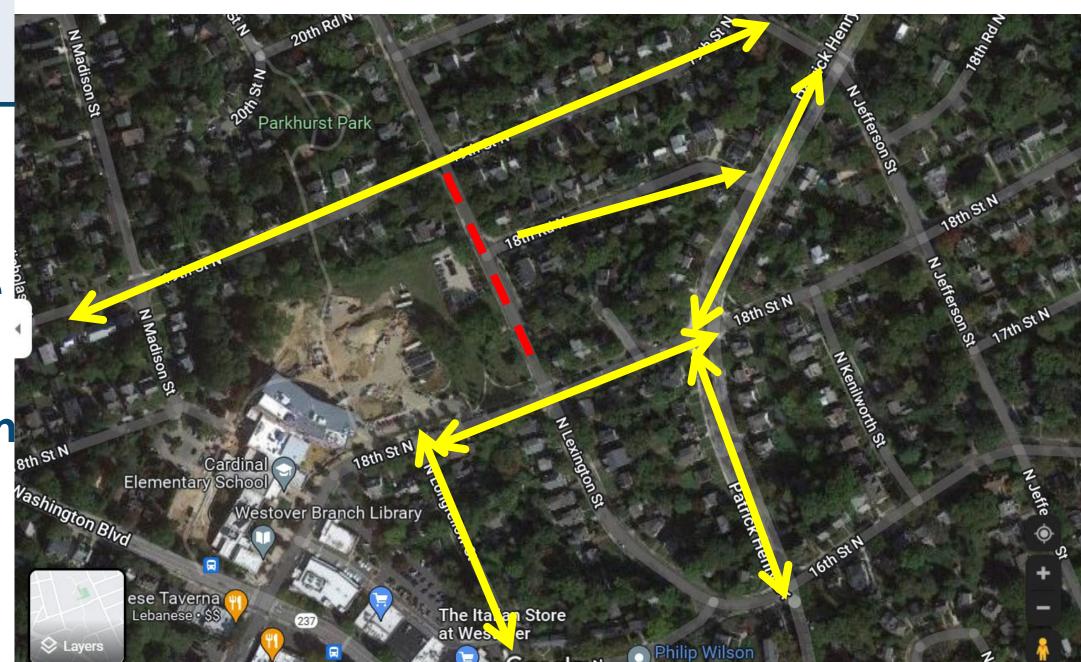
MOT Plan (during working hours)

Highlights:

- Left side of Lexington below 18th road will be reserved for construction
- 2-way traffic on Lexington (except by 18th road)
- Flaggers on Lexington near 18th Road
- No parking on Lexington between 18th St and 19th St
- Upper part of Lexington sidewalk closed (part by park open)
- ROW hours are 9-4



Please
use
alternate
routes
around
Lexington
St.



Questions?

Project Team

- Demetra McBride, OSEM Bureau Chief, dmcbride@arlingtonva.us
- Elizabeth Thurber, Infrastructure Team Leader, ethurber@arlingtonva.us
- Aileen Winquist, Communications Manager, <u>awinquist@arlingtonva.us</u>

Project Manager

- Ajibola (Aji) Robinson PMP. Project Manager,
- C. 571-238-0334

E. ajibola.robinson@apsva.us

Project Websites

- https://projects.arlingtonva.us/projects/reed-school-stormwater-vault/
- https://www.apsva.us/design-and-construction/cardinal-elementary/