



# **The Capital Grid Project**

## **ANC 6E - Construction Update**

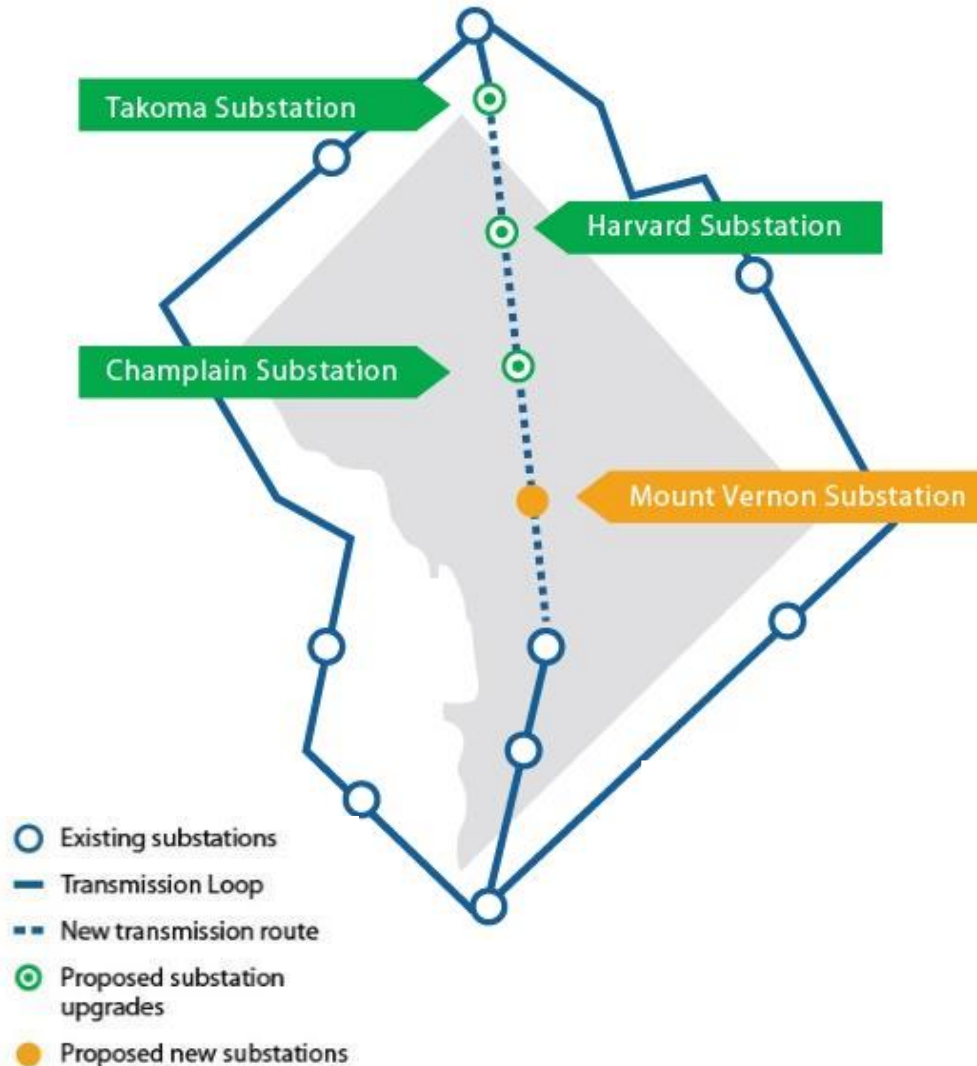
**June 1, 2021**



An Exelon Company

# Project Overview

# Building a Networked System



## The Project Consists of:

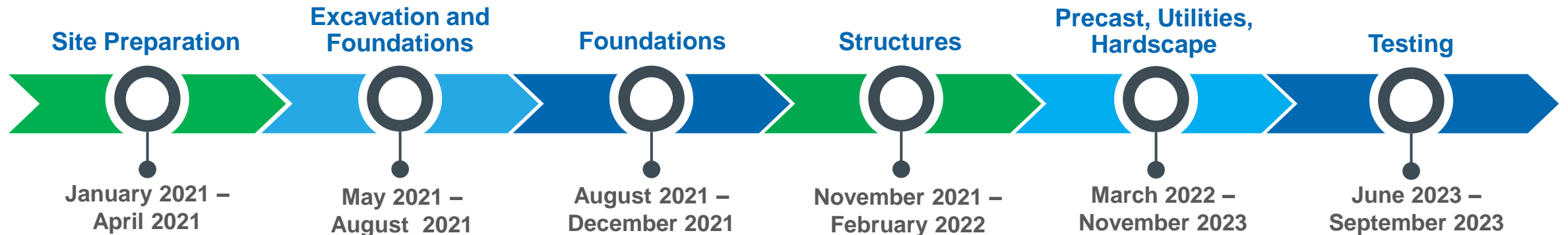
- + Upgrading one substation in Maryland, two substations in the District, and building a new substation in the District to meet capacity needs.
- + Connecting the substations to a newly installed 10-mile underground transmission line.
- + Networking the Capital area electric system to create a more reliable, resilient grid and providing capacity expansion to support greater demand.

# Mount Vernon Substation

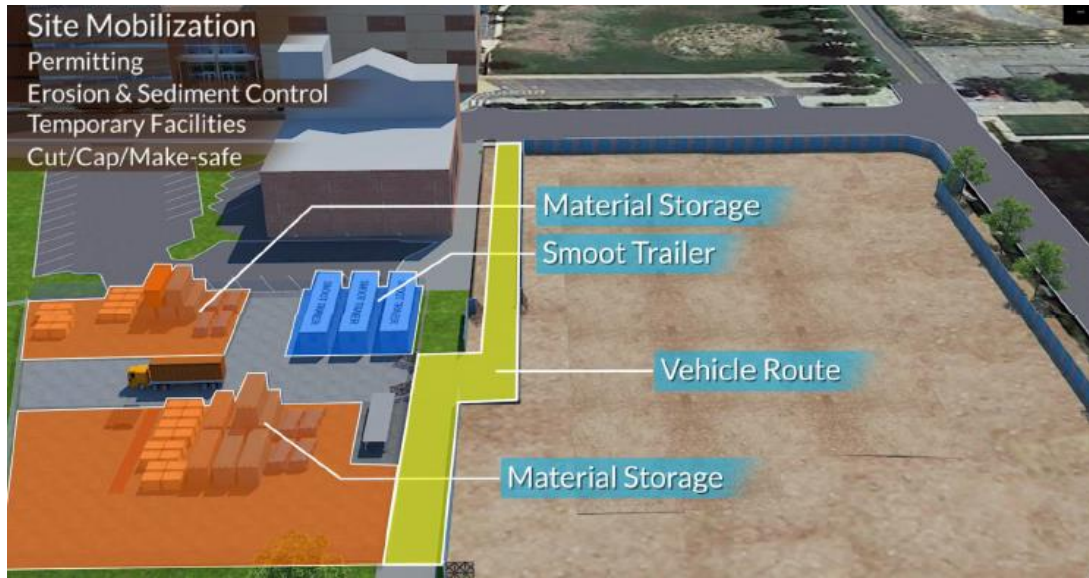


# Public Space Impacts & Timeline

- + Typical construction Hours 7:00am – 5:00pm (Monday – Saturday)
- + Tower crane installation anticipated Fall 2021 – Summer 2022
- + Dump Truck traffic ongoing
- + Rodent Abatement
- + Noise & vibration monitoring installed (will hear hammering noise from sheeting and shoring operations)
- + Most work will take place within the site or curb lanes
  - Work in public space limited to 1st Street (L Street to K Street)
- + Parking impacts/mitigation
- + 1st Street utilities - anticipated Summer 2022
- + Mount Vernon Substation CAG established
  - Last meeting – March 18
  - Next meeting – June 17
- + Mount Vernon Substation Upcoming Community Meeting – June 23

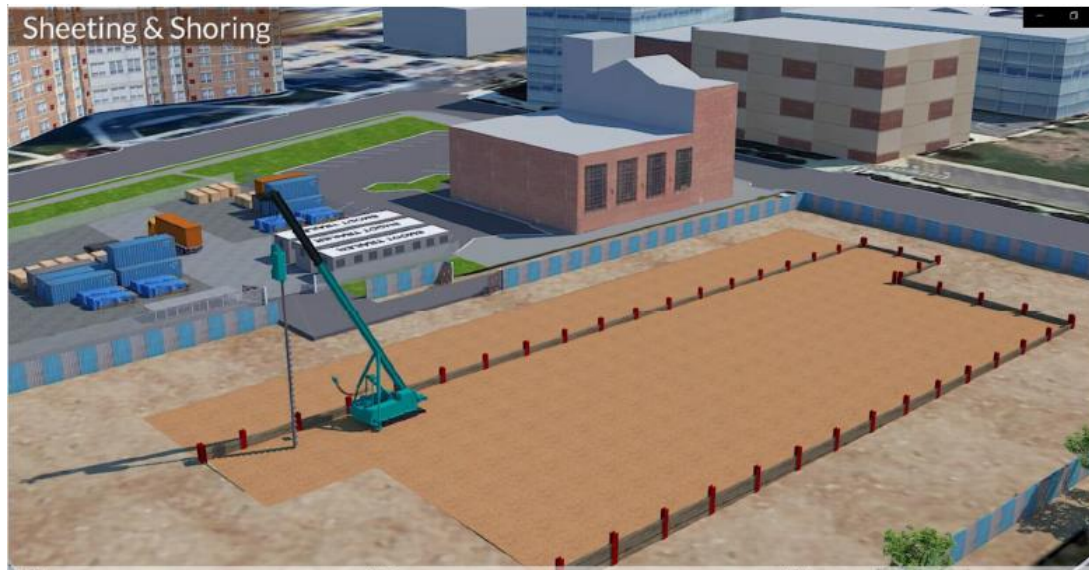


# Construction Activity



## Site Preparation

- + Mobilize trailers
- + Install Sediment Erosion Controls
- + Perform Preconstruction Surveys
- + Install Noise & Vibration Monitoring
- + Equipment mobilization to test pit existing utilities



## Excavation & Foundations

- + Excavation equipment mobilized to prep site
- + Estimate 10-20 dump trucks per day for 2+/- weeks
- + Foundations – Mobilization of pile driving rig
- + Estimate 12-15 tractor trailers of material over the course of 2-3 weeks



# Construction Activity



## Excavations and Foundations

- + Excavation to subgrade
  - 20-25 dump trucks/day

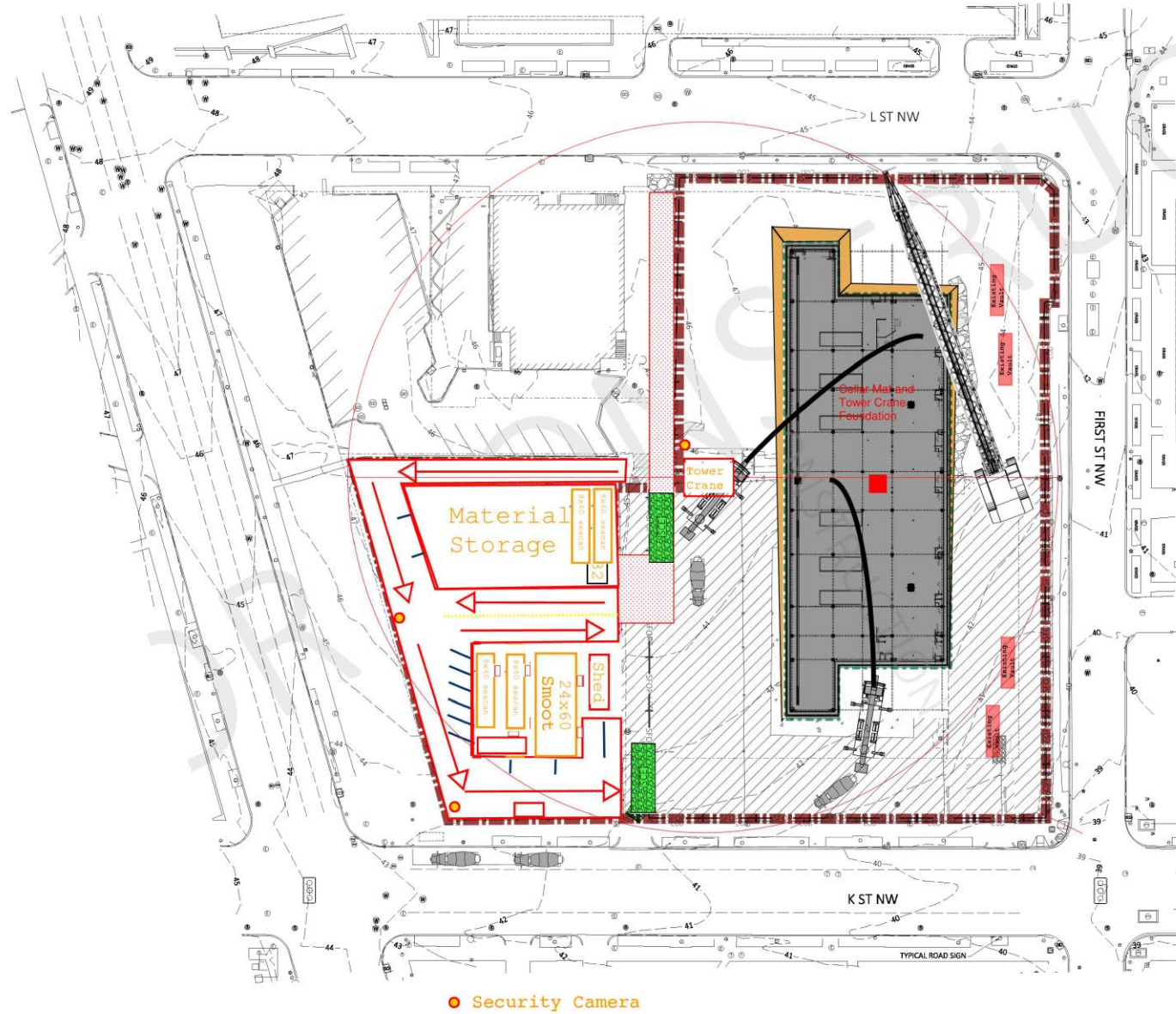


## Foundations

- + Installation of tower crane
  - anticipated Fall 2021 – Summer 2022
- + Grounding grid installation
- + Below grade waterproofing
- + Concrete foundations
  - 1-2 tractor trailer loads of material/day
  - 10+ concrete trucks every other day

# Site Plan

## PEPCO MT VERNON SUBSTATION 230 SITE UTILIZATION PLAN



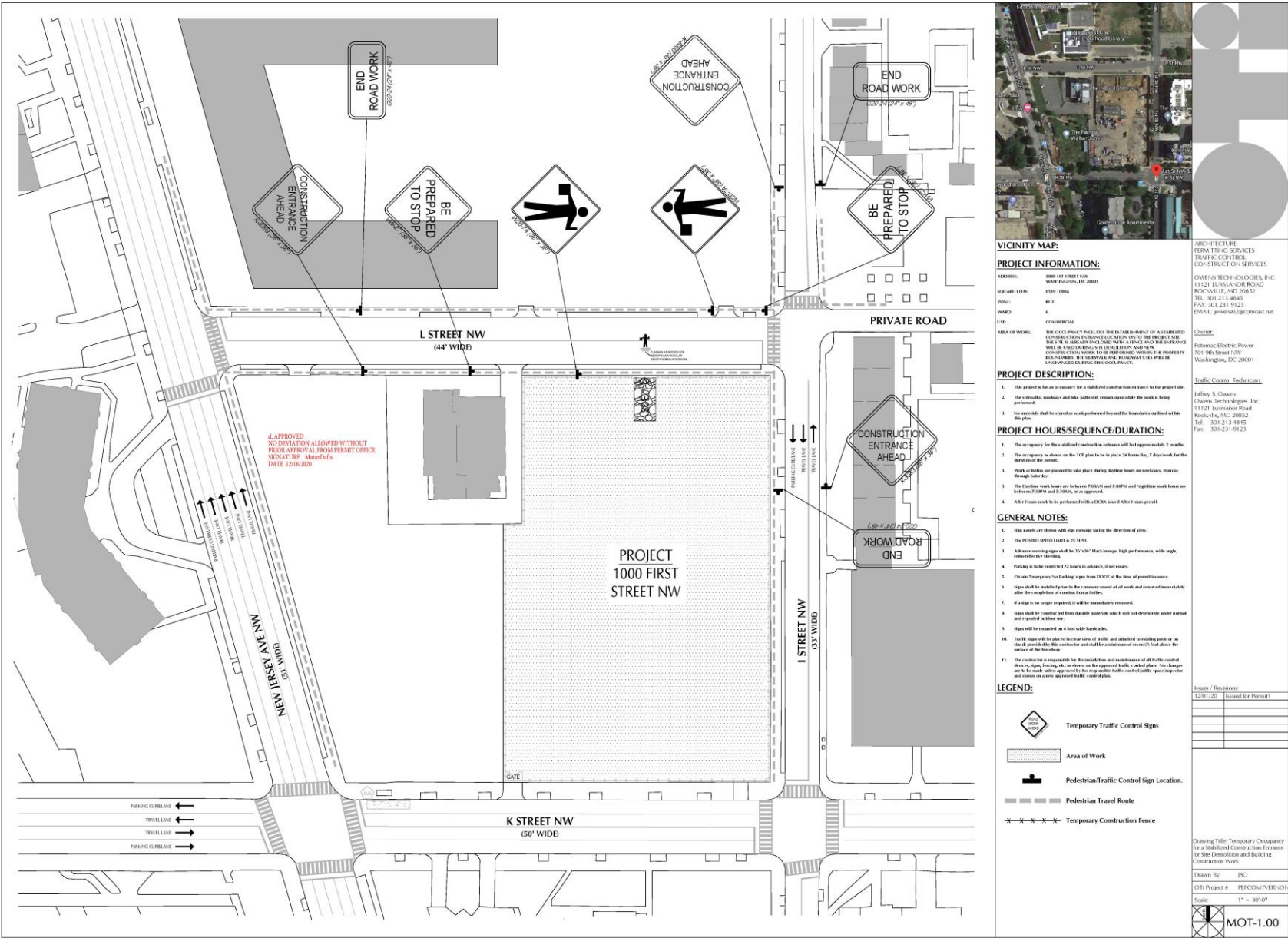
### LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- LIMITS OF DISTURBANCE
- NEW STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK
- SILT FENCE ON PAVEMENT
- SILT FENCE





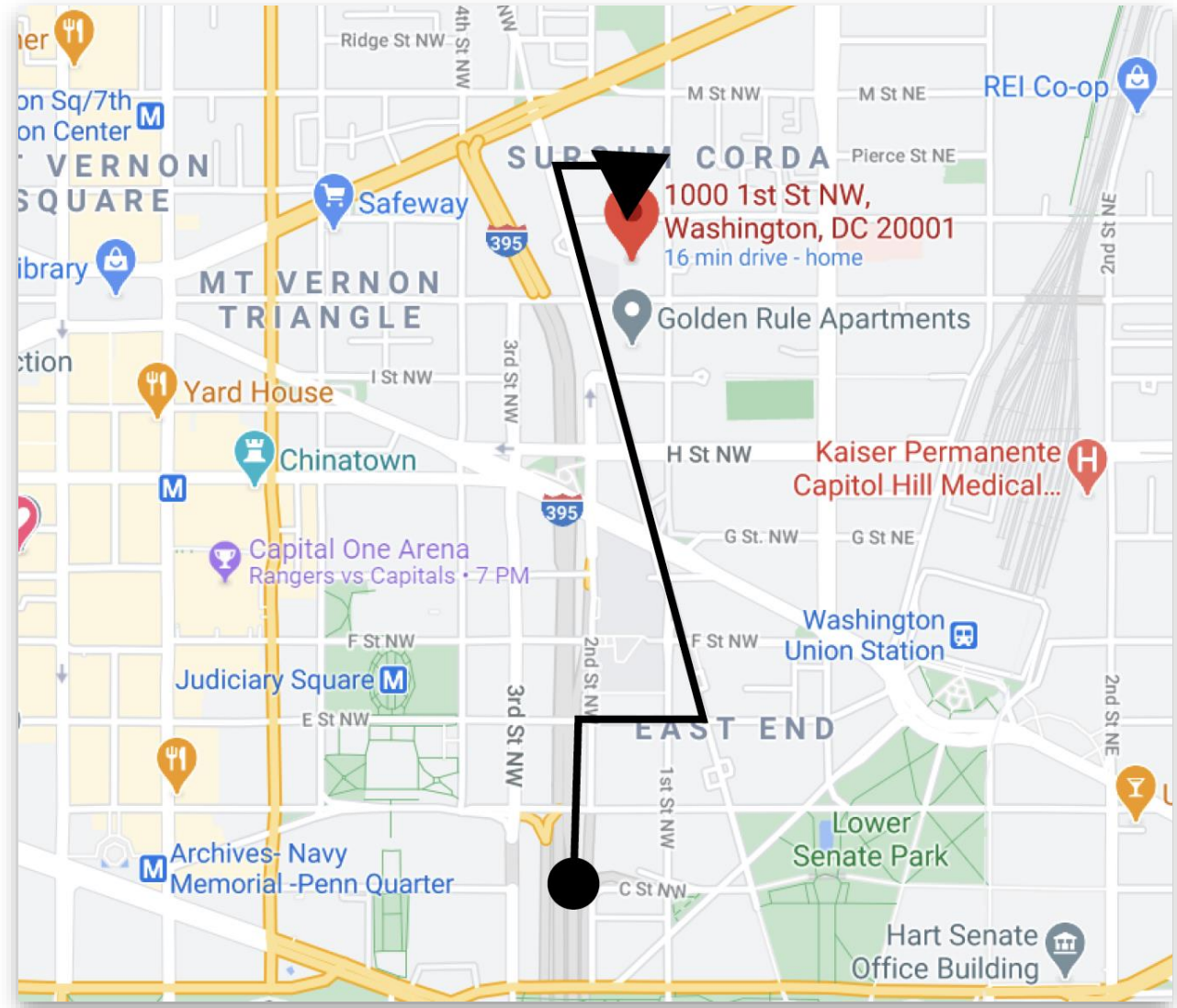
# Traffic Control Plan



# Transportation of Materials

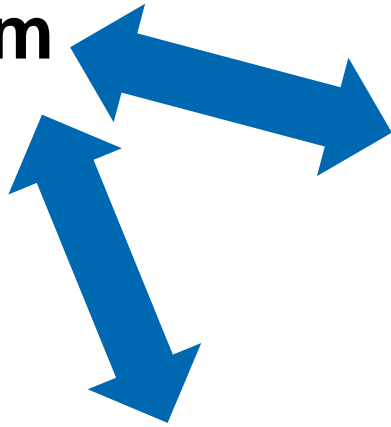
## Trucks on Site

- + Estimate 10-20 dump trucks per day for 2+ weeks initially
- + Deliveries will include 12-15 tractor trailers per week on average
- + Coordinating with DDOT
- + Use of major roads/avoiding smaller neighborhood streets
- + Some delivery exiting on K Street needed



# Coordination with Neighboring Projects

## Capital Grid Project Team



District Department of Transportation

### K Street Bike Lanes

- + K Street Bike Lanes project is underway
- + K Street used to transport materials
- + Coordinating with DDOT



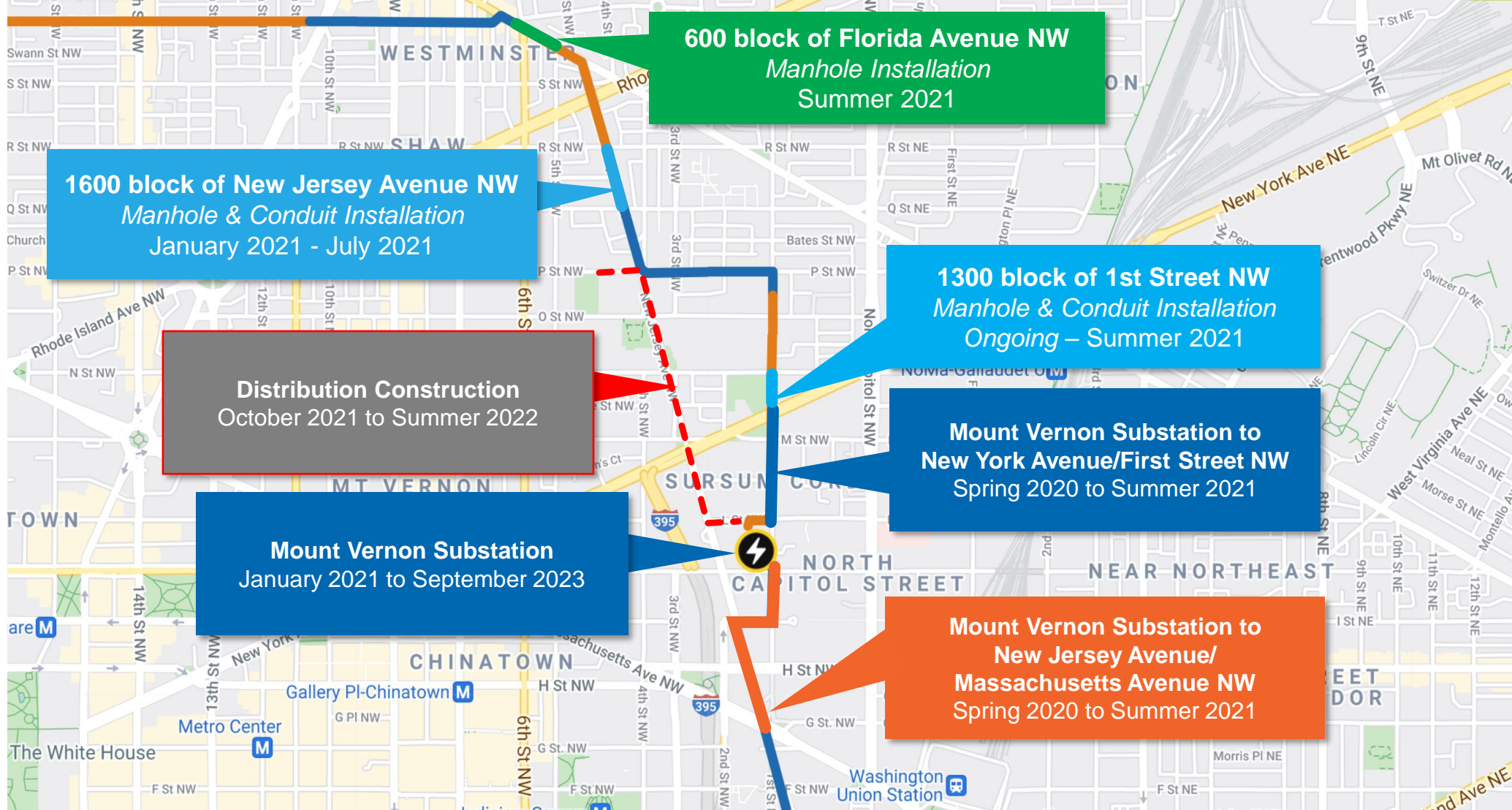
**Toll Brothers**  
AMERICA'S LUXURY HOME BUILDER®

### Sursum Corda Development

- + Connecting with Toll Brothers to minimize community impacts and coordinate schedules



# Work Locations in ANC 6E Area



*Timeline is estimated and subject to change due to weather and permitting.*

# Stakeholder Engagement

# Stakeholder Engagement Commitments

We are committed to:

- + Creating awareness among our local and federal partners
- + Maintaining a close working relationship with residents and businesses through all project phases
- + Receiving input from affected neighbors through community meetings and presentations
- + Providing project information and updates including construction locations and hours
- + Sharing information via project website, listservs, etc.
  - Phone: 1-833-CAP-GRID (227-4743)
  - Online: [www.pepco.com/CapitalGrid](http://www.pepco.com/CapitalGrid)
  - Email: [CapitalGrid@Pepco.com](mailto:CapitalGrid@Pepco.com)
  - Social Media: Use #CapGrid on Twitter and Facebook
  - Community meetings: Let us know if you would like for our team to present at a community meeting in your neighborhood

## CAPITAL GRID PROJECT

**Site Contact: Ed Medley or Peter Ege**  
**Phone: (202) 743-4030**  
**Email: [mtvernonsubstation@srsmoot.com](mailto:mtvernonsubstation@srsmoot.com)**

For a project overview, please visit:  
[pepco.com/CapitalGrid](http://pepco.com/CapitalGrid)



**Capital Grid  
Mount Vernon Substation  
Site Contacts**

## CAPITAL GRID PROJECT

**Community Relations Coordinator: Shamyra Edmonds**  
**Phone: (202) 643-3148**  
**Email: [sedmonds@cwsons.com](mailto:sedmonds@cwsons.com)**

For a project overview, please visit:  
[pepco.com/CapitalGrid](http://pepco.com/CapitalGrid)



**Capital Grid  
Transmission Line  
Dedicated Community  
Relations Coordinator**



# Thank You