



**220 South Union Street  
Construction Update  
April 7, 2015**



# Abatement & Building Demolition

- 220 South Union St & 210 The Strand
- Asbestos Abatement – Late May to Mid June 2015
  - All Non-friable materials
    - Door & Window Sealants
    - Glass
    - Roof Flashing
- Preconstruction Photographs & Surveys – May 2015
- Building Demolition – June 2015
  - Starts 5+/- weeks after the start of utilities and abatement
  - Work hours of 7am to 6pm per City Ordinance
  - Demolition Duration: 3 weeks

# Site Logistics & Utilization

*Demolition Phase & Construction of the Covered Pedestrian Walkway  
(sidewalk re-opened each evening)*



## KEYNOTES

- 1** Construction Trailers
- 2** Construction Fencing
- 3** Staging area
- 4** Project Site Area
- 5** Sidewalk Closure
- 6** Pile Staging

## KEY

 Employee Access

# Site Logistics & Utilization

*Excavation, Structural Work, Façade Construction & Sidewalk Phases*



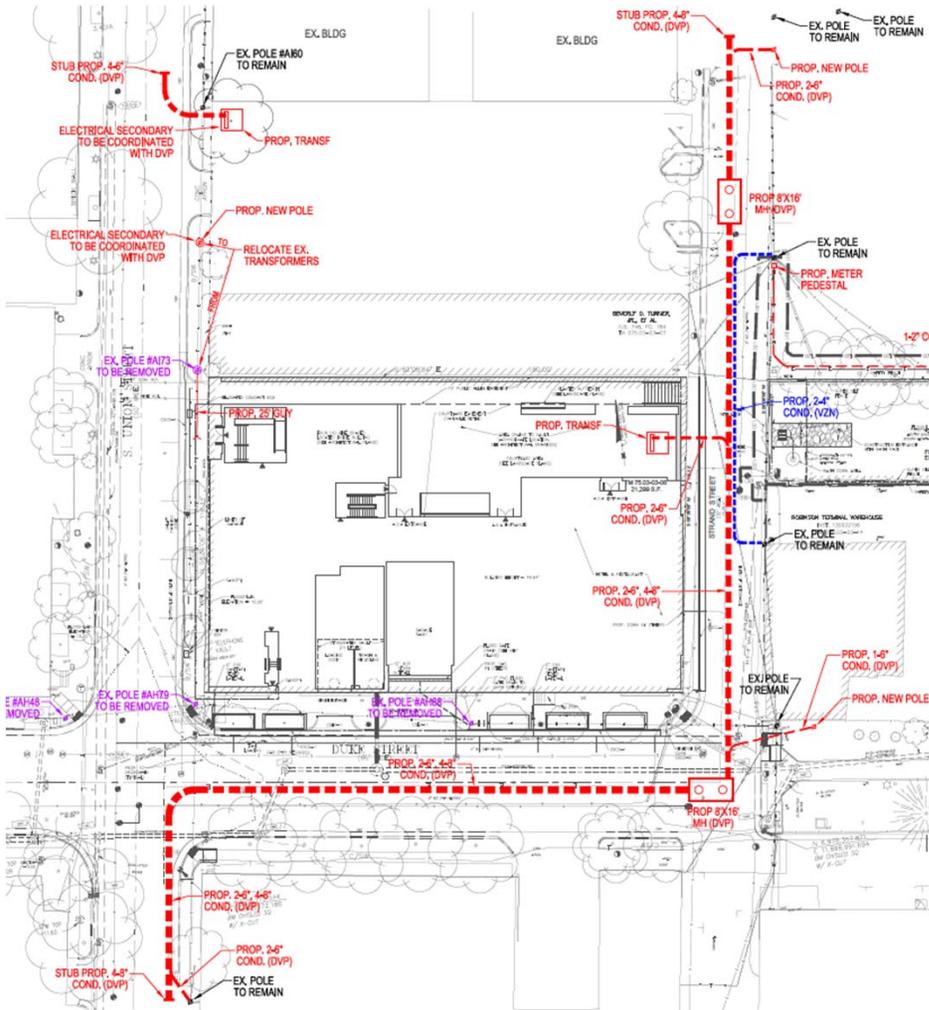
## KEYNOTES

- 1** Wash Rack
- 2** Construction Fencing
- 3** Storm Water Vault and Line
- 4** Dumpster
- 5** Primary Ramp
- 6** Alternate Ramp
- 7** Covered Walkway

## KEY

 Employee Access

# Electric Utility Undergrounding



# Undergrounding – Aerial Context



# Vehicles

Vehicle weights are restricted by Virginia DMV (the Motor Vehicle Code of Virginia).



Typical Dump Truck – A 3-axle truck (25 to 27 feet, typical 10 cy capacity) will be the typical size truck used. Approximate weights are:

- 14 tons empty
- 25 – 28 tons loaded (GVM).



Trash Truck – For comparison, a fully loaded 3-axle trash truck (typical 25 to 30 cy capacity) can weigh 25 to 30 tons (gross vehicle weight) depending on axle spacing. An empty truck of this size is approximately 14 tons.



Dash Bus – For comparison, a 40' bus in the City is approximately 16 tons empty, and approximately 20 tons full. A 29' trolley is approximately 11 tons empty and 13.5 tons when full.



# Disposal

Disposal sites will be determined by the excavation contractor approximately 2 weeks prior to starting. However, the following sites are anticipated to receive the majority of material:

- [Lorton Landfill](#)  
10001 Furnace Road, Lorton, VA  
703.690.1525
- [Potomac Landfill](#)  
3730 Greentree Lane, Dumfries, VA  
703.690.6040

These same disposal sites are utilized by contracted disposal companies for the City of Alexandria and other local jurisdictions.

At certain phases, there could be 40 to 50 trips per day. No more than 2 trucks are expected at the site at a time with 1 in transit. All queuing of trucks will be outside of Old Town.

Tested soil at 220 S. Union is below regulatory limits for contaminated soil. Regardless, soils and groundwater will be tested during construction in compliance with the EPA and VA DEQ.