

# Downtown Streetlights Ph II

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April 11, 2024

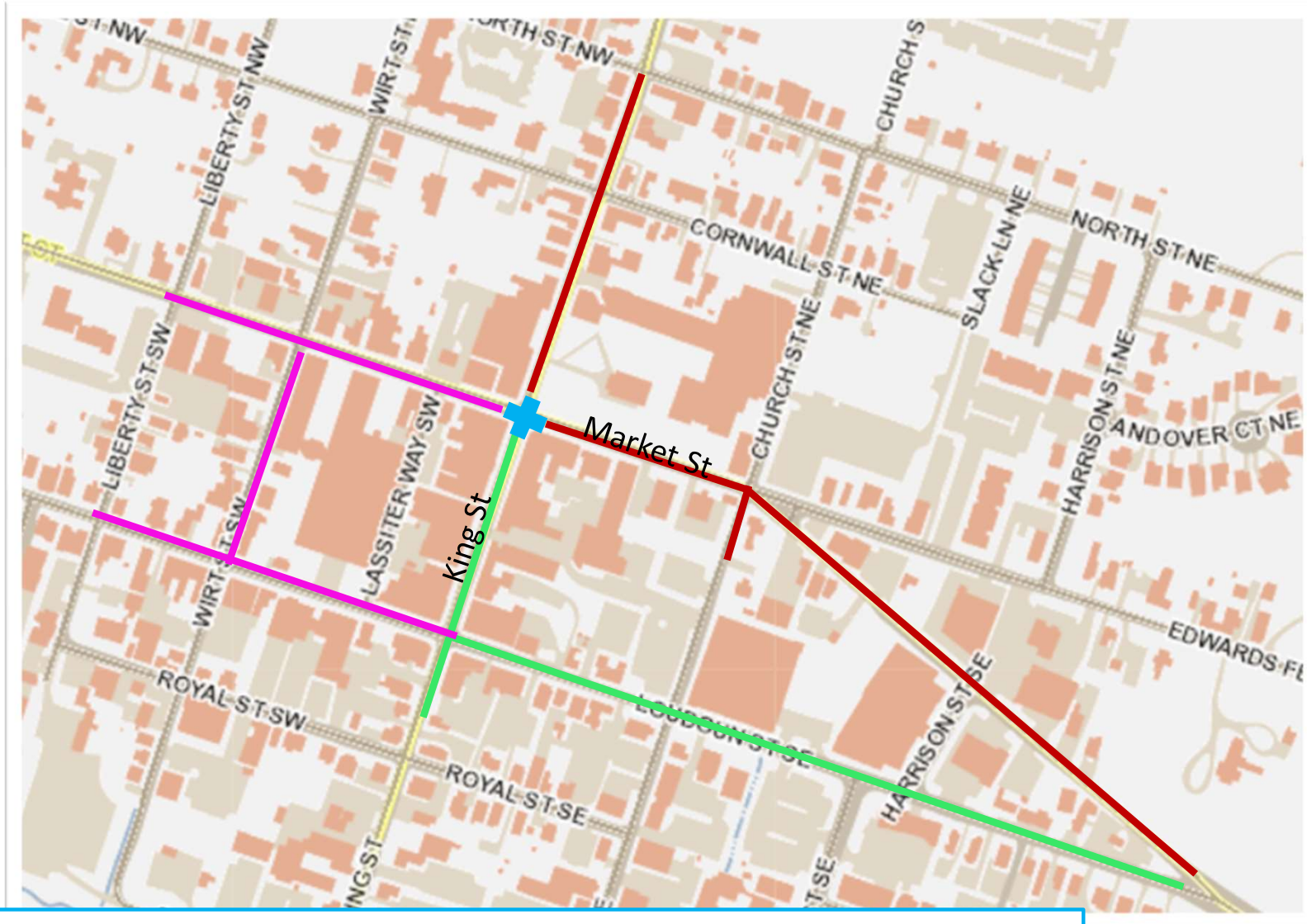
# Agenda

- ▶ Goals, Background & Description
- ▶ Project Challenges
- ▶ Discuss Design Elements
- ▶ Next Steps
- ▶ Group Comments and Questions –  
Project Wide items
- ▶ Break Out to Stations – Property  
specific Questions

# Project Goals

- ▶ Improve the aesthetics of the Downtown
- ▶ Improve lighting coverage, wherever possible
- ▶ Reduce glare and impacts on night sky
- ▶ Replace 105-year-old waterline

# Background



- Lights: Downtown Streetlights Phase I - Completed 2018
- Lights/Improvements: Market & King Improvements - Completed 2022
- **Lights: Downtown Streetlights Phase II – Current Project**
- Lights/Imps: Future Projects

# Project Scope:

- ▶ Replace existing streetlights & add conduit for power
- ▶ Add new power drop next to Town Office on Wirt St (behind new screening)
- ▶ Replace water line on Wirt & Loudoun St – main, laterals and meter crocks
- ▶ Improve pedestrian ramps at all intersections within work zone
- ▶ Mill and overlay roadway

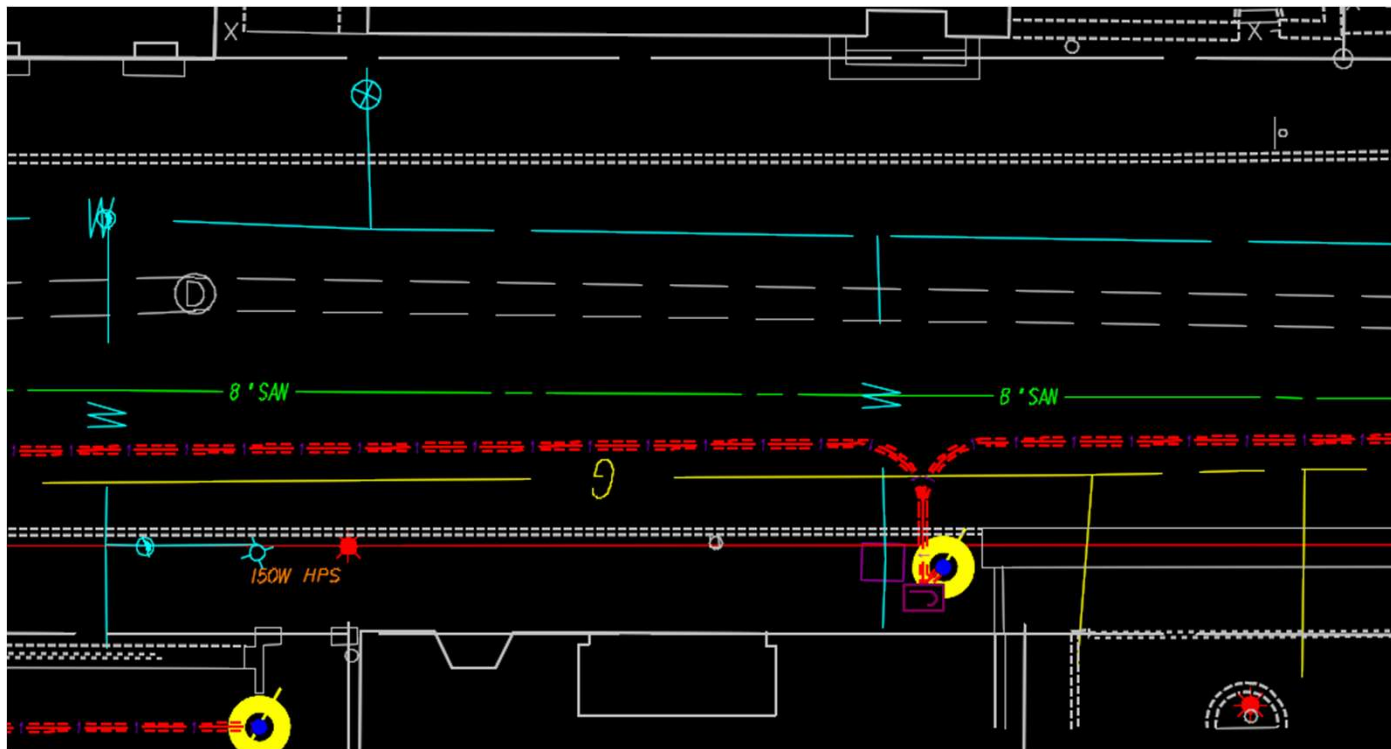
# Project Challenges

- ▶ Historical area
- ▶ Proximity of buildings, steps, coal chutes, hydrants and other items



# Project Challenges, cont.

- ▶ Substantial underground utilities



# Project Challenges, cont.

- ▶ Narrow sidewalks - Lights must be 12" behind curb and need 36" minimum clear space
- ▶ Low overhead utility lines



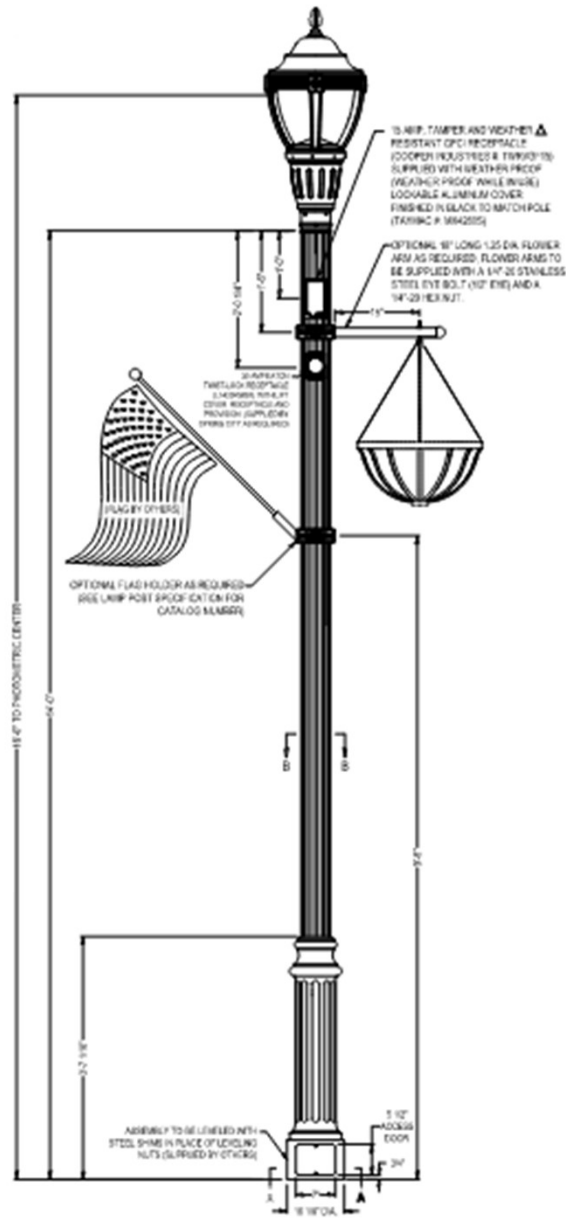
Wirt Street – At end of Town Office Bldg near 16 Wirt St  
looking towards Market St



# Downtown Streetlights



Standard Base Light

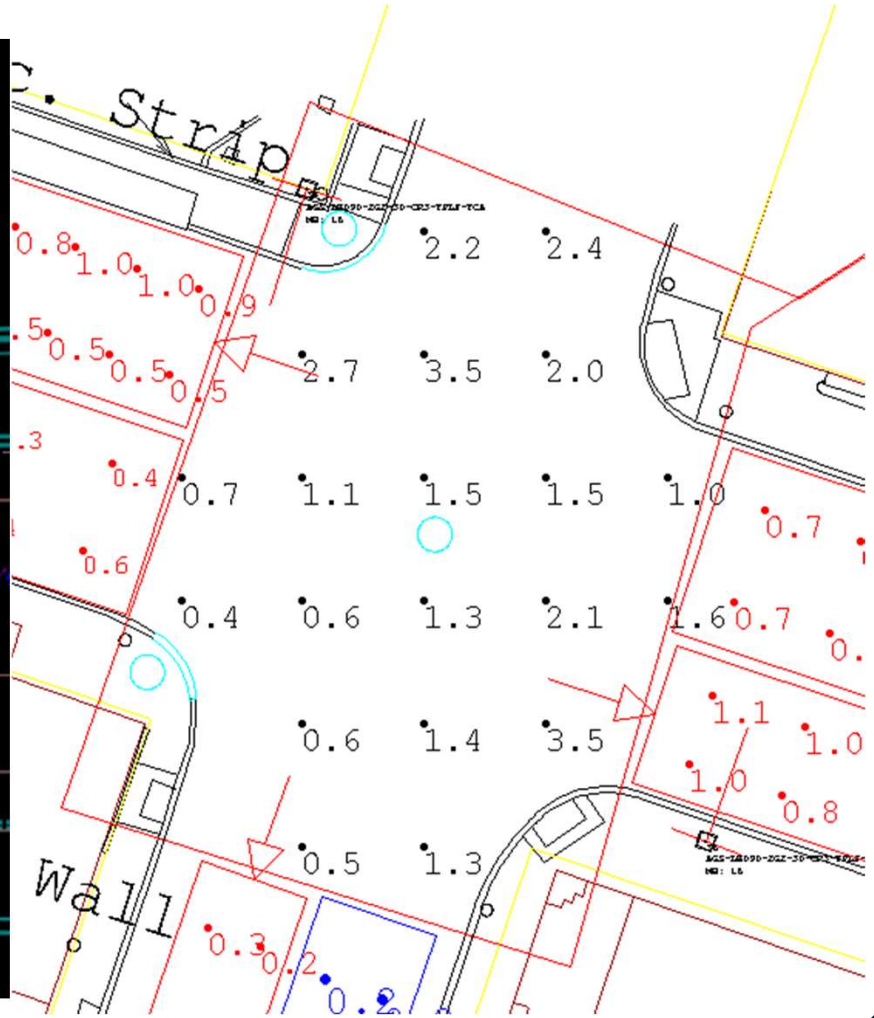
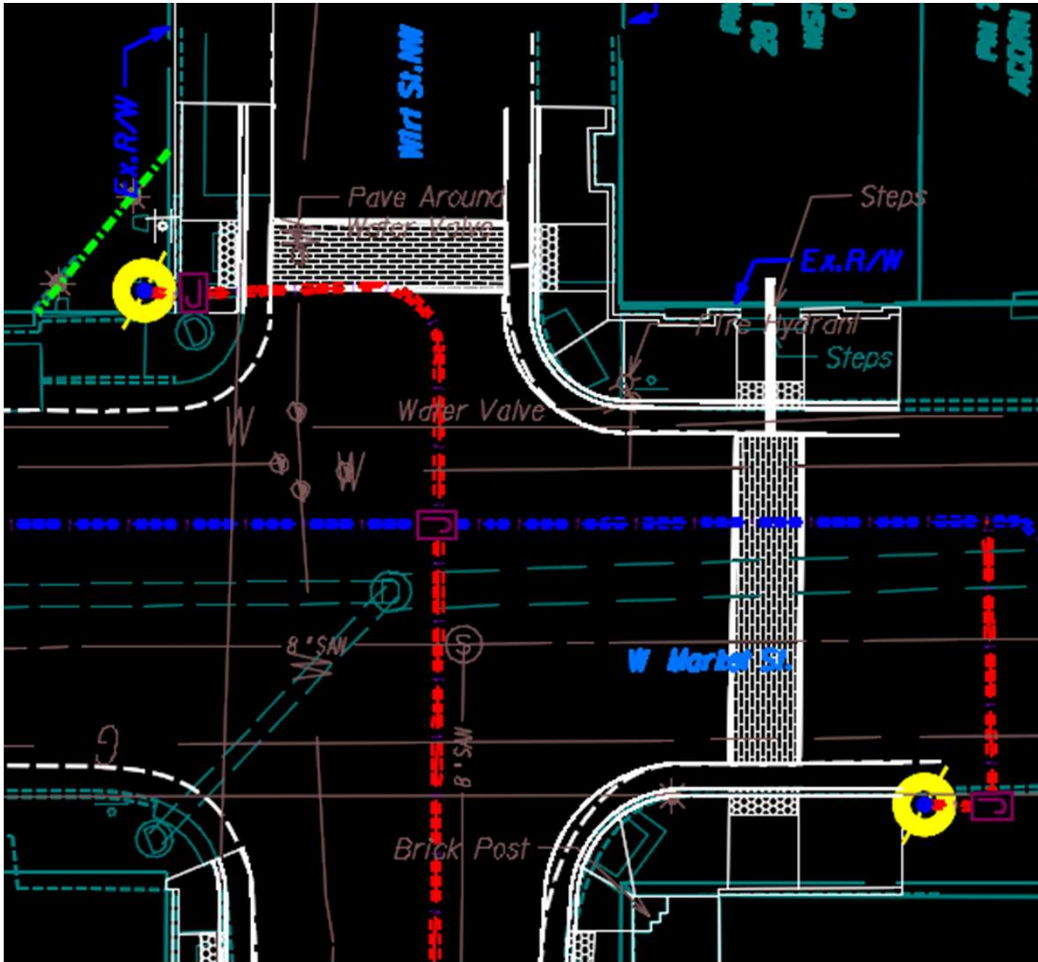


Narrow Base Light  
on Wirt St

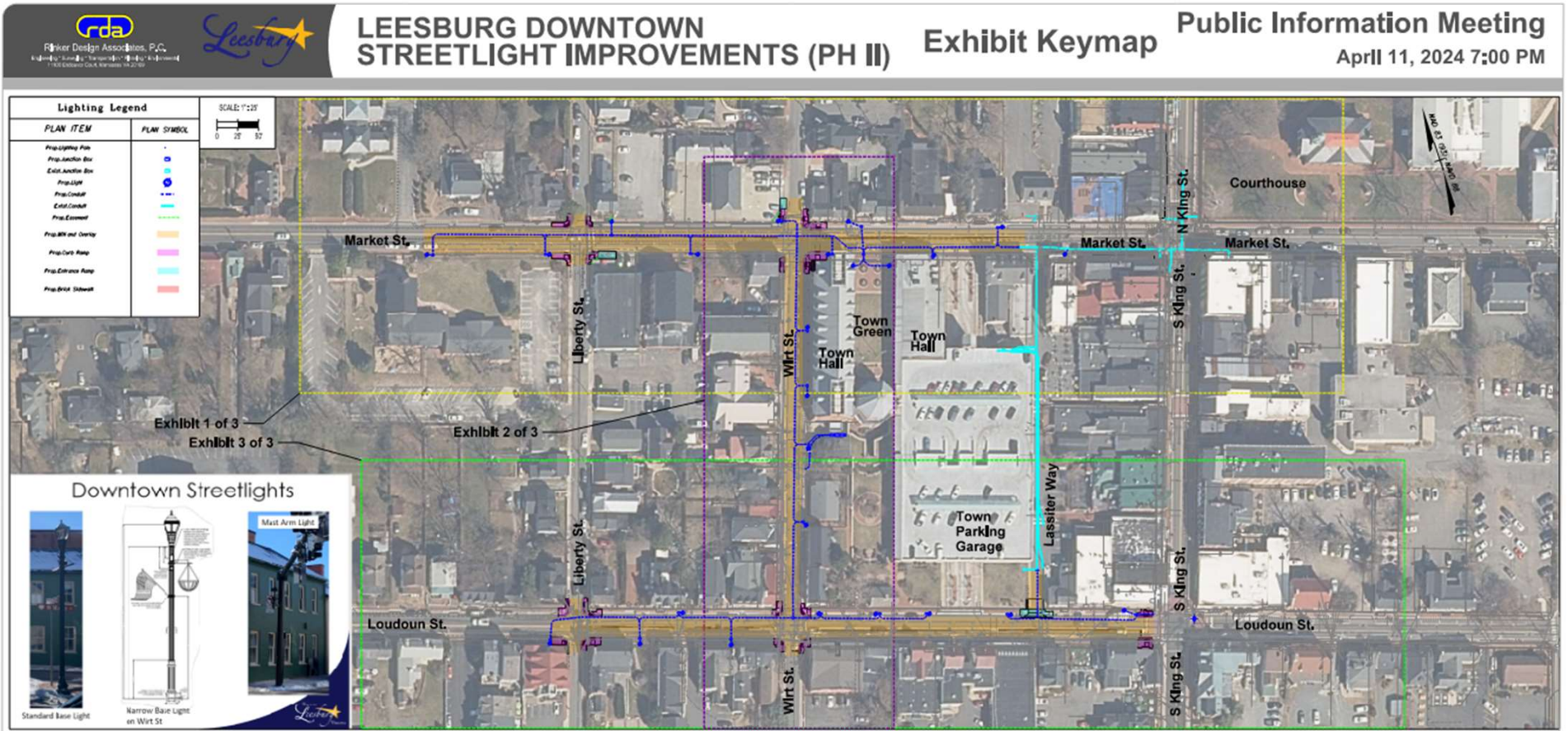


Mast Arm Light

# Downtown Streetlights Design



# Overall Layout



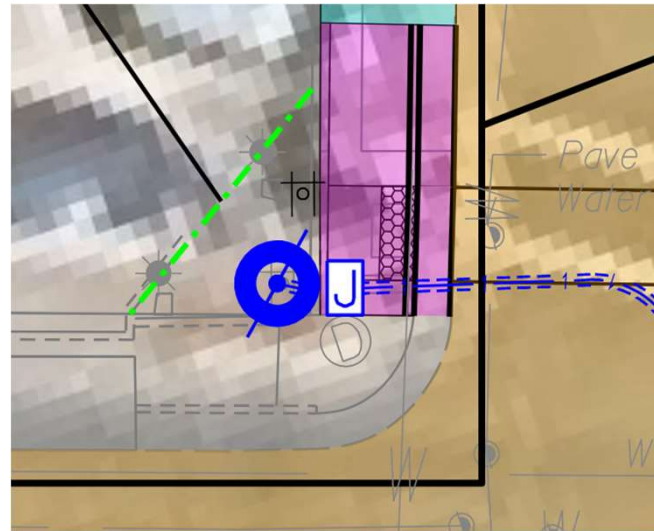
Public Information Meeting  
April 11, 2024 7:00 PM

# Project Features

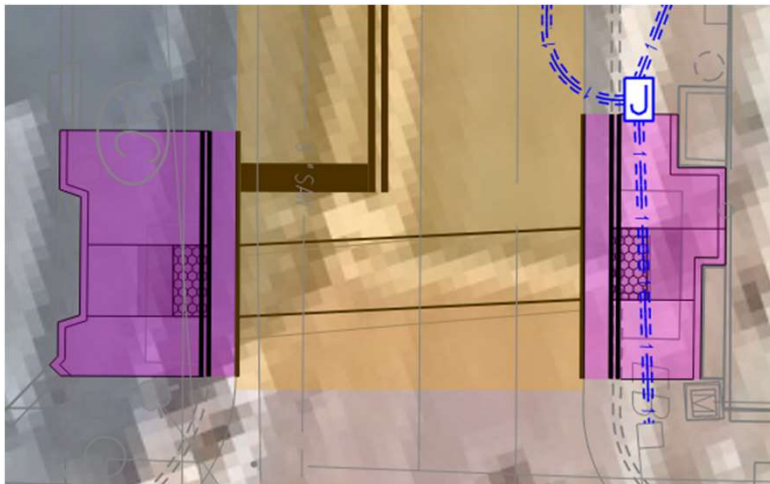
Conduits/Junction Boxes



Easements



Ramps



Controller Cabinet

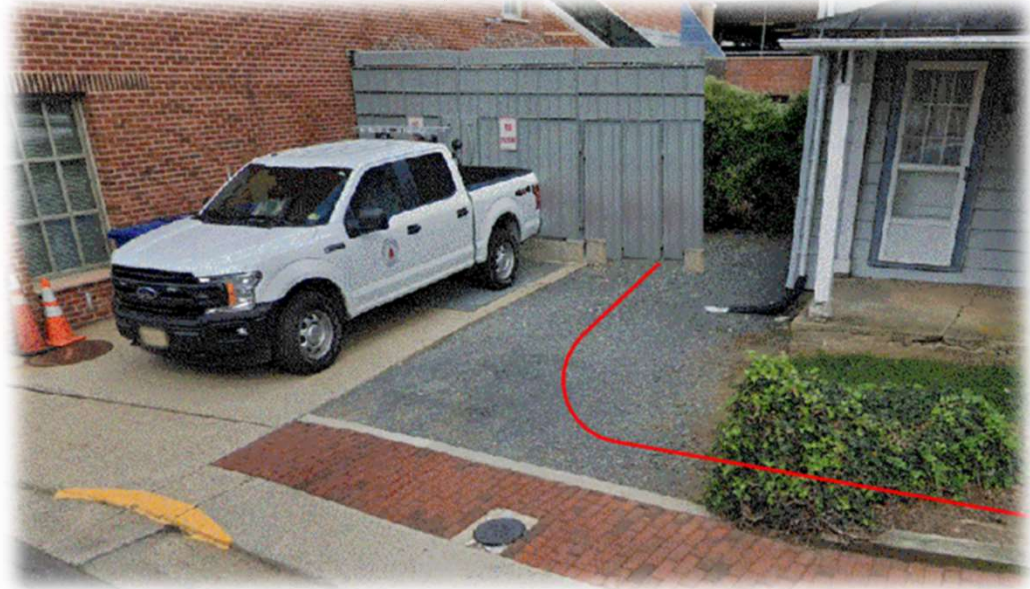


# Controller Cabinet

Existing view from Wirt Street, behind Town Hall



Proposed view



View of 16 Wirt Street (Town Property) Power Source



# Some Steps may be Affected because of new sidewalk levels

- ▶ Sidewalk will be lower and may require an additional step

Loudoun Museum – Existing Condition

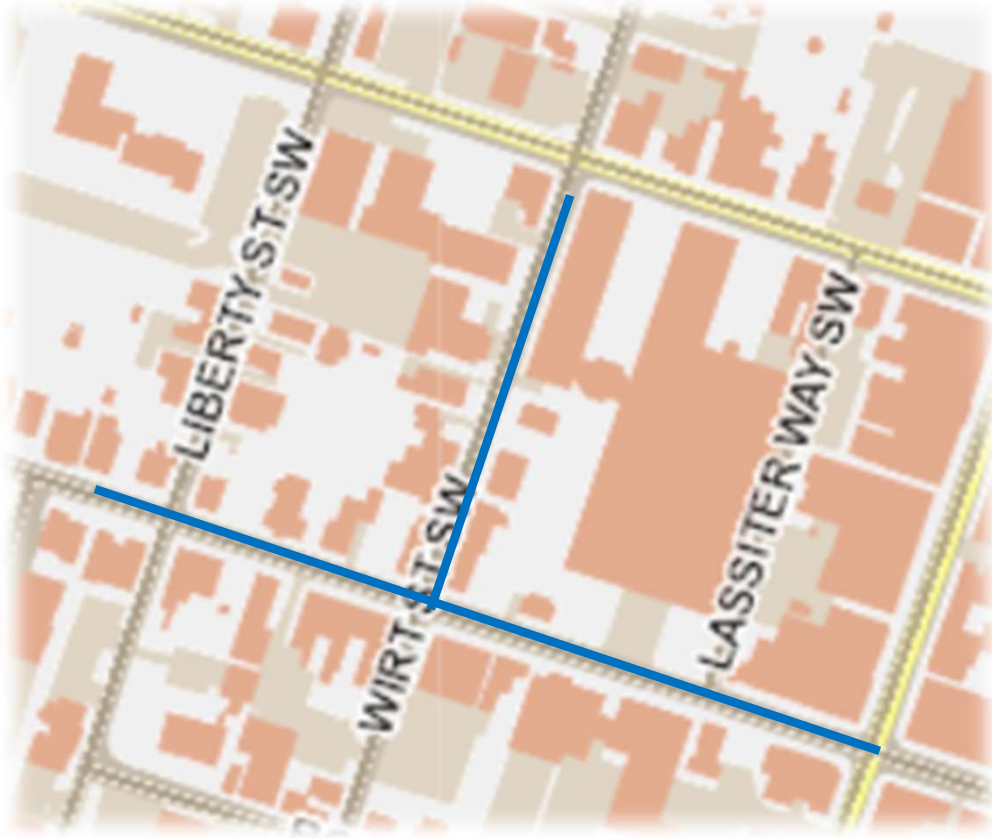


Loudoun Museum – Proposed Ramp and Step



# WL Replacement Work

- ▶ Replace water main & laterals up to and including the meter crocks.



- ▶ Work will occur at night
- ▶ Brief water outages will be at night with 24-48 hours notice in advance

# What to Expect During Construction

- ▶ Contractor will work with residents and businesses to maintain vehicle/pedestrian access
- ▶ Most work will occur at night
- ▶ Loudoun/King Intersection will be closed at night for water line tie-in work
- ▶ Lanes will be closed at night w/ flagmen
- ▶ Steel plates may be used during the day to cover trenches



# What to Expect During Construction, cont.

- ▶ Sidewalks will be closed at night in work area
- ▶ Parking spaces may be unavailable at night when construction is nearby
- ▶ Steps to buildings may require rebuilding to match lower sidewalk levels
- ▶ Staging area located in Liberty Lot

# Tentative Project Completion Schedule

Timing	Activity
Late Summer 2024	Complete Design & Initiate Land Acquisition
Fall 2024*	Complete Land Acquisition & Bid Project
Fall/Winter 2024*	Award Contract & Order Materials
Winter/Spring 2025*	Start Construction
Fall/Winter 2025*	Finish Construction

\*Land Acquisition and material supply timing may affect schedule

# Questions?

Hold your property specific questions for individual discussion at the stations

# Thank You!

Please ask property specific questions at the  
stations