

Overall Streetscape Lighting Plan

All Phases thru Phase VI Planning

Updated from 2018 Review to include Phase IVA

Sample Light Assembly Cost Estimates:

- Phase IVA: (662010-005)
 - Jan & May & Sep 2018 - \$6,500
 - April 2020 Bid Prices: \$4,800 to \$6,050
- TOB Replacement: (Accident – in front of Tari's)
 - Mar 2021 – Pole, lamp assy, bracket, installed: \$9,250
- Phase V: (662010-005)
 - Jul 2023 – 30% Estimate: \$8,500 (Compare to \$6,500 in 2018)

Except for the TOB Replacement, costs are for light & pole assembly only




What Problems do we face?

- Lighting portions are being deferred from Phases for budget treasons (Example: Phase II and V)
- No Current logical way to install some lights (Mercer St). Possible installed conduit – but not specifically located
- No power source on the East Side of Washington St.
 - Phase V would have resolved this
 - Required for future lights on Congress (Phase VI) and now back-fit of Mercer and Independence Street lights (Phase V and VI)
- Long-Term Maintenance Strategy/Budget/Funding (Example – Wilkes Street problem)


Solutions Needed:

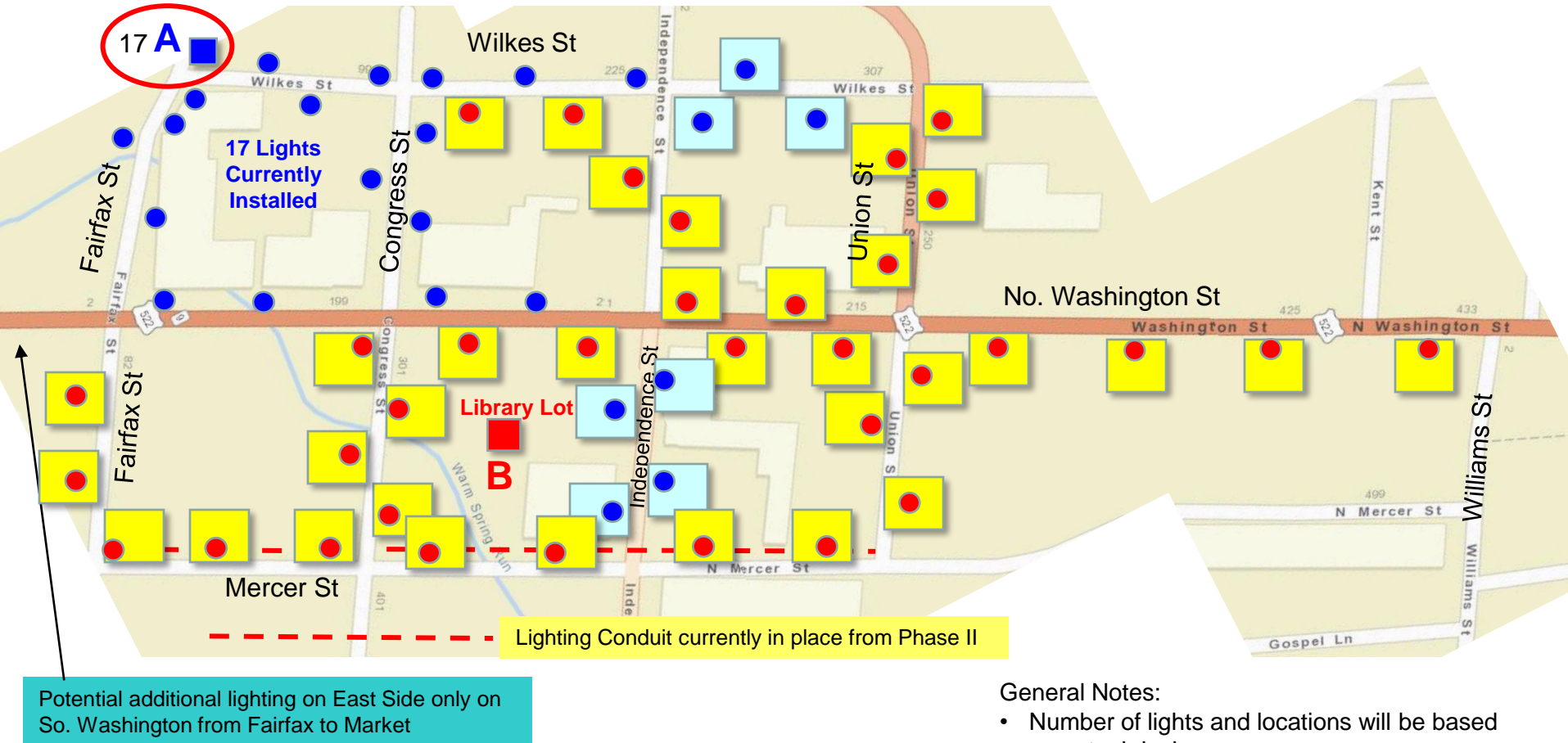
- Clear & Effective way to identify where lights (Phase V and II) are to be located
 - Phase V Lights and Power Source:
 - Have asked Thrasher to complete the Town's Design Task to include what is necessary to complete all 7 lights planned in Phase V – including the proposed new power source
 - Construction Drawings for Phase V will include the necessary elements to identify both the light pole locations and the source of the power (Library Parking Lot)
- Select a more cost-effective light system
- Defer some non-lighting work in Phase VI. Design Grant applied for but not yet awarded
- Alternative Funding Sources





 Planned future locations

Streetscape Lighting Plans

Updated: 11-15-2023

 These 7 Light locations were planned for Phase V for conduit and junction boxes only for specific light locations. Power source for 4 of these 7 is at the rear of the Library Parking Lot at site "B"



- Key:**
-  Existing "Live" Power Connection Box (Phases I, III & IV) – 17 Lights
 -  New Power Connection Box (from Phase V or VI)
 -  Existing Streetscape Street Light (Phases I thru IVA)
 -  Planned Streetscape Street Light (from Phase II & Phase IV)

General Notes:

- Number of lights and locations will be based on actual design
- Lights West of Washington will be fed by existing connection box "A"
- Lights East of Washington may feed from new connection box "B"
- There are three different LED Arrays installed in Phases I, III and IVA