



Town of Clifton, Virginia  
P.O. Box 309  
Clifton, VA 20124

## Town of Clifton Cost Estimate Comparison June 2021/May 2023

### **Preliminary Engineering Phase (J2 Engineers and Sub-consultants)**

**Roadway** – This represents Project Meetings and Coordination, revise right-of-way plans and final construction plans, coordinate VDOT review comments, traffic management plans, landscape architecture, electrical design, and reimbursables. Some of this work was a part of the original agreement with J2 Engineers and was not spent (approximately \$45,000.00).

**Hydraulics** – Redesign of the storm water management system. This is required by VDOT due to new regulations and given certain assumptions were made in the previous design since some of the existing storm water pipes were not able to be verified. The previously approved (by Town Council) work for scoping the existing storm sewer pipes is included here (Muller \$3,300.00)

**Utilities** – Inclusion of the easements required for the relocation of the utilities and general coordination with utility companies. This was not a part of the previous design since the utilities were not a part of the Project.

**Survey/SUE/Quality Level A Sue** – Potential additional survey work given the limits of the Project expanded from the previous design due to the relocation of the utilities.

**Other** – This represents the engineering fees spent previously under the original agreement.

**VDOT PE Oversight on Local Assistance Projects** – Oversight fees were not a part of the June 2021 Cost Estimate. They were allocated in the Appendix A documents provided by VDOT which reduced the actual Federal Funds available for the project.

### **Right-of-Way & Utility Phase**

**Right-of-Way Acquisition** – The increase allocates for the full right-of way consultants fees. The previous cost estimate accounted for actual fees spent \$ 8,800.00. The total consultant agreement is \$23,000.00 (add \$14,200.00). The increase also allocates for additional potential easement costs. The previous allocation was \$11,200.00. The current allocation is \$25,000.00 (add \$13,800.00)

**Utilities** – This includes the total cost of the relocation of each of the three utilities as well as additional potential costs outlined below. The increase in the costs is due to Verizon's increased cost estimate. This

is due to the removal of the poles adjacent to Ayre Square and extending the utility to the existing pole adjacent to the entrance to the park on Main Street to avoid adding a pole in front of the Church.

NOVEC - \$750,000.00

Verizon - \$340,000.00 (add \$165,000.00)

Cox - \$20,000.00

Service Drops Relocation (3 properties) - \$60,000.00

Manhole & Conduits (possible duct bank installation) - \$120,000.00

**Utilities Allowance (Consultant)** – This represents the proposal provided for Utility Construction Coordination and oversight. This consultant will be the onsite day to day project manager representing the Town.

**VDOT PE Oversight on Local Assistance Projects** – Oversight fees were not a part of the June 2021 Cost Estimate. They were allocated in the Appendix A documents provided by VDOT which reduced the actual Federal Funds available for the project.

### **Construction Phase**

**Total Bid Items** – Increase due to inflation

**VDOT PE Oversight on Local Assistance Projects** – Oversight fees were not a part of the June 2021 Cost Estimate. They were allocated in the Appendix A documents provided by VDOT which reduced the actual Federal Funds available for the project

**Total Non-Bid Items** – This is an added 5% construction contract contingency.

**Phase Risk Type and Contingency** – Contingency allowance of 10%. This was included in the previous estimate.

**Construction Engineering (CEI) Source** - This reflects actual proposals versus estimates provided in the previous estimate. This includes Constructability, Specification, and Bid Services as well as Construction Coordination. These consultants will be agents of the Town during the Bidding of the Project and the onsite day-to-day project management through construction closeout.