



Legislation Text

File #: 24-4409, **Version:** 1

Subject:

8:15 p.m. - 9:15 p.m. - Approval Request to Award Design Contract for the Church St and East St Roundabout Project

DATE(S) OF PRIOR COUNCIL CONSIDERATION OF THIS ISSUE:

9/16/2019 - Council approved the VDOT Revenue Sharing funding application for the Church St and East St Roundabout

10/23/23 - Council approval of the 2024 Capital Improvement Plan

EXPLANATION AND SUMMARY :

DPW is seeking Town Council approval to award a design contract to Rummel, Klepper & Kahl, LLP (RKK) in the amount of \$379,129.00 for the Church St and East St NE Roundabout project.

The existing T-intersection at Church and East Streets receives a large volume of traffic resulting in congestion and traffic back-ups. A mini roundabout will more efficiently and safely manage traffic through this intersection and was therefore approved as a part of the 2024 Capital Improvement Plan.

This project will study the intersection, provide recommendations, and design the reconfiguration of the Church Street and East Street, NE, intersection into a roundabout. This project is 100% funded by outside sources. Fifty percent is funded under the VDOT Revenue Sharing program and the remaining 50% is proposed use of the Town's Northern Virginia Transportation Authority (NVTA) 30% funds for a total of \$550,000 in available funds. Additional funding for construction will be obtained through an updated funding application once the construction cost estimate is completed as a part of the design services.

The design contract includes (Attachment 1):

- Develop a mini-roundabout design concept that will have minimal impact on the existing conditions.
- Traffic analysis
- Structural analysis for the adjacent bridge
- Right-of-Way services (required for federal/state funded projects)
- Addressing the full VDOT process requirements
- Environmental and Hydraulics design/review
- Conceptual and final design of selected alternative - full construction plans
- Lighting study and preliminary/final lighting design

- Public engagement/meeting
- Construction cost estimates
- Bid assistance

This intersection was initially considered for a roundabout in 2015 and a conceptual design sketch was developed, see Attachments 2 and 3.

Approval is recommended to be made in the amount of \$379,129.00 to:

Rummel, Klepper & Kahl, LLP (RKK)
12600 Fair Lakes Circle, Suite 300
Fairfax VA, 22033

Next Steps: Begin the design phase and confirm funding for the construction phase.

Expected Completion Time Frame: Design may take up to two years as the VDOT process is being followed and due to technical complexities of this project.

Strategic Plan Initiative: *Efficiently Mobile Community*

Departmental Recommendation : Recommend approval.

Finance Recommendation : Recommend approval.

Purchasing Recommendation : Recommend approval.

Town Attorney Recommendation : The Town Council may approve the proposed expenditure of funds in its discretion.

Town Manager's Recommendation : I recommend the Town Council approve the design contract for the Church St. and East St. Roundabout as presented.

Cost and Financing: \$380,000.00

Project Account:424CHES004-DESIGN-ENGINEER (Church St and East St.)

GL Account: 300-000-0000-39440-48801

Prior Funding Approval: N/A

Decision Needed by This date: May 6, 2024

PROPOSED/SUGGESTED MOTION

"I move to approve the design contract for the Church St and East St Roundabout, in an amount not to exceed \$380,000."

Or

Other action deemed necessary by Council.

