



**CAPITAL IMPROVEMENT PROJECT (CIP) REQUEST - FY21
FORM A - DESIGN & CONSTRUCTION**

Project Title:	Powder House Circle Quick-Build Safety Upgrades		
Project Address:	College Avenue @ Broadway		
Department:	OSPDCD- Mobility		
Project Mgr.:	Adam Polinski	Email:	apolinski@somervillema.gov
New Project or Modification:	New Project		

Department Priority:

Rank your project(s) in order of priority from your point of view. If you propose four projects, rank them 1, 2, 3, 4, with 1 being the highest, and so forth.

Project Description/Scope of Work:

This quick-build project will use pavement markings, flexible delineator posts and signage changes to transform the high-crash, City-owned Powder House Circle into a slower, safer New England roundabout design featuring continuous protected bike lanes.

Justification:

Powder House Circle is consistently ranked as having the highest crash rate of any City-owned interesection in Somerville. It is commonly cited as an impediment to middle-school and high-school students' ability to safely walk or bike to school.

Relationship to Other Projects:

This project will leverage the City's current College Avenue sidewalk & street reconstruction project, which has a project limit just south of Powder House Circle. The combination of these two projects will transform street safety on a major regional commuter cut-through route in Somerville. Furthermore, the City's sidewalk and street reconstruction program is anticipated to rebuild upper College Avenue (north of the Circle) as well as Broadway (on either side of the Circle) between 2022 and 2024. Powder House Circle sits at the nexus between these critical local and regional links.

Category: Please check all appropriate boxes

- Architectural/Engineering Feasibility Study
- Architectural/Engineering Construction Document Services & Construction Admin
- Building Alteration/Repair/Renovation/Addition/New Construction
- Building Improvements (non-construction)
- Purchase of Equipment (incl. vehicles, office equipment, hardware, etc.)
- Information Technology Systems/Platforms (e.g. cloud based, internet based, etc.)
- Street/Sidewalk/Monument Improvements
- Water Improvements
- Sewer Improvements
- Land Development
- Land Acquisition
- Land Disposition
- Parks and Open Space
- Other:

Operational Impact:

The Powder House Circle project is anticipated to reduce collisions in the high-crash intersection, reducing emergency reponse calls. It will utilize low-cost flexible traffic delineators, which are anticipated to experience a modest annual attrition rate and will require intermittent replacement. High-durability pavement markings will be used to reduce maintenance costs over time.

What impact will this project have on operational costs?

- Reduce Cost (greater than 5%)
- Reduce Cost (less than 5%)
- Cost Unchanged
- Increase Cost (less than 5%)
- Increase Cost (greater than 5%)

Design and Construction Project Funding

	Total Estimated Cost	Prior Years Funding	FY 21	FY 22	FY 23	FY 24	FY 25
Capital Costs:							
Feasibility Study	\$ -	-	-	-	-	-	-
Land Acquisition/Appraisal	\$ -	-	-	-	-	-	-
Environmental Remediation/LSP	\$ -	-	-	-	-	-	-
Demolition & Site Clearance	\$ -	-	-	-	-	-	-
Owner's Proj. Mgr./Clerk of the Works	\$ -	-	-	-	-	-	-
Designer Services (SD through CA)	\$ -	-	-	-	-	-	-
Construction	\$ 200,000	-	50,000	150,000	-	-	-
Insurance (builder's risk, addtl. Polices)	\$ -	-	-	-	-	-	-
Furniture & Equipment (FFE)	\$ -	-	-	-	-	-	-
Police Details	\$ -	-	-	-	-	-	-
Contingency	\$ -	-	-	-	-	-	-
Other: <input type="text"/>	\$ -	-	-	-	-	-	-
Other: <input type="text"/>	\$ -	-	-	-	-	-	-
Total:	\$ 200,000	\$ -	\$ 50,000	\$ 150,000	\$ -	\$ -	\$ -

The project schedule anticipates a summer construction start, with a small possibility that a contractor could begin work in June 2021. The majority of project activities are anticipated for July and August 2021, with the goal of completing the project in August 2021.

Please provide suggested sources. This section will be finalized jointly by Finance and the Department.

	Total Estimated Cost	Prior Years Funding	FY 21	FY 22	FY 23	FY 24	FY 25
Funding Sources:							
Stabilization Fund	\$ 200,000	-	50,000	150,000	-	-	-
GO Bonds	\$ -	-	-	-	-	-	-
Retained Earnings	\$ -	-	-	-	-	-	-
General Fund	\$ -	-	-	-	-	-	-
Special Assmnt.	\$ -	-	-	-	-	-	-
Ch. 90	\$ -	-	-	-	-	-	-
Grants	\$ -	-	-	-	-	-	-
Receipts Reserved	\$ -	-	-	-	-	-	-
Other: <input type="text"/>	\$ -	-	-	-	-	-	-
Other: <input type="text"/>	\$ -	-	-	-	-	-	-
Total:	\$ 200,000	\$ -	\$ 50,000	\$ 150,000	\$ -	\$ -	\$ -

Evaluation Committee Use Only:

Reviewed and Approved By:

Requesting Department

Auditing

Purchasing

Date

Date

Date

Final Approval

Version

Draft

Revised

Accepted