

**Submitted By:** Department of Transportation & Public Works  
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**Project Classification:** Social Well-Being  
**Project Focus:** Public Safety  
**Project Type:** Road, Traffic Calming, Safety, Traffic Signals, Signage or Technology Improvements

**Previously Submitted and Rejected:** No  
**Continuation Project:** No

**Project Total Cost:** \$ 1,147,000

**Total Operating Cost:** \$ -

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**Project Description:** The Fire Station Signal Preemption would fund traffic signal preemption devices at fire stations and on Fire Department vehicles to improve access to the roadway with the purpose of improving emergency response times for the Fire Department.

**Project Mission Statement/Goals & Objectives:** Traffic congestion can delay the Fire Department's emergency response times. This project would be eligible to fund two forms of traffic signal preemption: installation of a dedicated traffic signal at the fire station entrance which would only be activated for emergency response and installation of preemption technology within existing traffic signals to give a specific signal phase priority during emergency response. The Fire Chief has identified five Fire Stations that would benefit from this project: 1, 2, 3, 7, and 8.

**Projected Useful Life of Project:** 20-years

**To meet the Project Goals & Objectives, when should this project be completed?** Within the SPLOST 2020 Program

**The Leadership in Energy and Environmental Design (LEED) Green Building System compliance:** N/A

**How will this project help meet the Public Safety, Basic Facilities/Infrastructure, and/or Quality of Life needs in Athens-Clarke County?** Projects would affect Public Safety by improving emergency response times for the Fire Department.

**How is this Project recommended/included in any approved ACCGOV Land Use Plan, Master Plan, Study, Service Delivery Plan, Envision Athens, etc.?** Not Applicable

## Triple Bottom Line Impacts

**Positive Benefits for the Prosperity of Athens-Clarke County:** Improved response times aid the emergency response of the Fire Department

**Detrimental Impacts to the Prosperity of Athens-Clarke County:** Not applicable

**Positive Benefits for our Citizens and Visitors:** Projects would improve Public Safety by expediting emergency response times for the Fire Department.

**Detrimental Impacts for our Citizens and Visitors:** Not applicable

**Environmental Benefits, including but not limited to Positive impacts on existing Infrastructure/Systems:** Project would improve the operation of transportation network during a Fire response

**Detrimental Impacts for the Environment, including but not limited to Negative impacts on existing Infrastructure/Systems:** Not applicable

**Positive/Negative Impacts on ACCGOV Departments, Agencies, or other Organizations, if not covered in one of the above questions:** Improved response and access would benefit Fire Department

## Project Costs

Detailed project capital budget costs (to be funded from SPLOST 2020 only):

Project Costs (round to thousand)	Amount
1. Land Acquisition / ROW / Easement:	\$ 10,000
2. Design Fees: (Min.12% of New Const.; 14% of reno.; 16% for LEED proj.)	\$ 93,000
3. Miscellaneous Fees: (Min. Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.)	\$ -
4. Fixtures, Furniture, and Equipment (for a facility): A detailed estimate is preferred – but dependent upon the specific project, utilize at a minimum \$15 to \$20 per square foot.	\$ -
5. Construction:	\$ 774,000
6. Construction Contingency: (10% of the Construction line item)	\$ 78,000
7. Acquisition of Capital Equipment:	\$ -
8. Testing:	\$ 10,000
9. Project Management: (4% of the total budget line items above)	\$ 39,000
10. Project Contingency: (10% of the total budget line items above)	\$ 101,000
11. Public Art: Calculated at 1% of the Construction line item.	\$ 8,000
12. Other 1:	\$ -
13. Other 2:	\$ -
<b>Project Subtotal:</b>	<b>\$ 1,113,000</b>
14. Program Management (3% of Project Subtotal):	\$ 34,000
<b>SPLOST 2020 Project Total:</b>	<b>\$ 1,147,000</b>

## Operating Cost

No change

## Project Financing

Is the proposed Project to receive funding from source(s) other than SPLOST 2020? No