



CITY COUNCIL AGENDA REQUEST

Meeting Type: Mayor & Council Meeting

Meeting Date: 11/05/2018

Agenda Item: Drainage Study to Analyze Flooding at Crown Gardens and Archives and Downstream Pipe Capacities

Department: Public Works

Requested By: Andrew Parker

Reviewed/Approved by City Attorney? Yes

Cost: \$15,093.00 + \$3,500 for Surveying

Funding Source if Not in Budget 2015 SPLOST (Roads, Bridges, and Stormwater Category)

Please Provide A Summary of Your Request, Including Background Information to Explain the Request:

The Public Works Department requested a proposal from Southeastern Engineering, Inc. (SEI) to perform a drainage/flood study at the historic Crown Garden and Archives property located at 715 Chattanooga Ave.

According to the Historical Society, the building has flooded three (3) times since 2009 when some driveway pipes were installed downstream at the Crown Mill Pocket Park. One of the events was on July 6, 2018 when Dalton received over 3 inches of rain over a 45 minute period. The building flooded inside that day between 4-5 inches and the storage building flooded approx.. 19 inches.

A portion of the building is in Flood Zone AE, but based on conversations with the Historical Society and internal staff, the building didn't have flooding issues until 2009.

This study would include a field survey of the property and five (5) downstream driveway crossings that have pipe culverts. Following the field survey, SEI will complete a comprehensive drainage study to determine the capacities of the downstream pipes and develop a set of repair plans to correct this ongoing issue.

The funding for this project will come from the 2015 SPLOST (Roads, Bridges, and Stormwater category). SEI is GDOT pre-qualified to perform hydraulic and hydrological studies.