

Memo

To: Steve Hill

From: Tim Begley *TB*

CC: City Council, Kevin Music

Date: 7/14/16

Re: Alternatives on Downtown Sidewalk Project

The Engineering and Street Department have been tasked with creating an estimate for in-house crews completing the downtown sidewalks. In order to perform this task we have looked at the sidewalk that was to be replaced in the latest contract with CT Consultants. This was also the same area originally scoped in the downtown enhancement project less the areas of sidewalk to be replaced because of storm sewer upgrades and water line connections. This area is shown in green on the attached map. This also includes replacing all street lights in the project area.

The In-house estimate details are as follows:

Materials for the project	\$695,000
Miscellaneous expendable materials, tools and truck	\$140,000
In house Labor: 4 additional employees and existing in house electricians	\$565,000

Please note the follow: Labor does not include existing equipment cost, management by Street Superintendent and Director of Engineering, and surveying performed by Engineering Department.

We have estimated that this method would take 37½ months without weather delays. We calculated the total labor and construction time by estimating the amount of time required to complete the eastern section of sidewalk, between Fourth Street and Fifth Street, circled in red on the attached map and we prorated that amount of time over the entire project.

Total in- house cost is \$1,400,000

Details for Contracting the Downtown sidewalk are as follows:

The original probable cost for the project completed by the Engineer included a 20 % contingency. I have removed that contingency which leaves the contracted price for construction at \$1,967,000. This Contracted construction period is based on a 5 ½ month contract. This estimate also included replacing all of the street lights in the project area.

Details for Repairs only are as follows:

We have also been tasked with looking at repairing portions of the side walk with in-house crews in order to eliminate trip hazards and to rebuild the sidewalk corners to meet ADA standards. This would

not insure that each building had ADA access from the sidewalk and would not rectify ADA deficiencies between the corners. This also would not include the installation of curb and gutter in areas where it has been removed. This task can not be fully nailed down with out complete direction and definition on what is to be repaired and replaced. Through discussions we have come to consensus that it would be about 35% of the in-house estimate and it would not include replacing the street lights which in turn leads to repairs to existing pole foundations as an additional cost. The 35 % is merely a guess and totals out to be \$490,000 with a time line of a little more than 13 months. Replacing the sidewalk corners to ADA standards and not bringing the whole block up to ADA standards creates risk for the City by introduction.

