

November 16, 2023

RE: November 21<sup>st</sup> Commission Meeting

**2024 WATER MAIN AND LEAD SERVICE LINE REPLACEMENT CONCRETE AND PAVEMENT INFO**

During the City Commission meeting on November 7, 2023, the request for further providing information regarding the estimated quantities and costs for the concrete and pavement related to the project was made. The following concrete and asphalt pavement quantities and estimated project totals are shown in the table below.

The quantities are based on the field assessments completed to replace the poor condition curb and gutter and driveways which will add value to the street pavement life cycle by limiting water infiltration, and improve the surface drainage. The following concrete and asphalt pavement quantities and estimated project totals are shown in the table below.

<b>Concrete Estimate (Sidewalks/Driveways/Curb &amp; Gutter)</b>	<b>Total Dollars (Rounded to Nearest Thousand)</b>
Total SID	\$651,000
Total Non-SID	\$80,000
<b>Project Total =</b>	<b>\$731,000</b>

<b>Asphalt Estimate</b>	<b>Quantity</b>	<b>Total Installed Cost Estimate</b>
Mill	8,900 Square Yards	\$52,000
Overlay	1,200 Tons	\$240,000
	<b>Total =</b>	<b>\$292,000</b>

**Basis of Estimate and Quantities:**

- The estimated quantities are preliminary being the design 30% complete
- Milling the existing asphalt pavement area not disturbed by trenches or concrete removal
- Overlay the entire street 1-1/2" asphalt with Superpave FAA 43
- Unit prices used from the State Avenue Mill and Overlay project (adjusted for lesser quantities, intersections, narrow road) plus 20%
- Unit price adjustment to account for annual inflation of 4%
- Estimate includes contingencies and engineering services

The city engineering staff recommends approval.

