

# City Council Agenda Item Memo

**From:** Charlie Richter, City Engineer

**Council Meeting:** November 26, 2024

**Subject:** Resolution 24-109: Change Order #1 for Project 2024-08STI Street Maintenance and Overlay Project

**Person(s) Responsible:** Charlie Richter, City Engineer

## **Summary and Recommended Action:**

Staff recommends approval of the proposed resolution which is the final balancing change order for the 2024-08STI Street Maintenance and Overlay Project. The resolution will increase the contract awarded to Bowes Construction, Brookings, SD, in the amount of \$127,664.57, approximately 10%. The increased amount stems from the unforeseen subsurface conditions in 7<sup>th</sup> Street, as well as the addition of 14<sup>th</sup> Avenue between 3<sup>rd</sup> and 4<sup>th</sup> Street due to pavement failure that was deemed imminent. The change order includes six (6) days of liquidated damages at \$475 per day (\$2,850) for the days past the final completion date of October 20, 2024.

## **Item Details:**

This project is the annual street maintenance project, which includes asphalt milling, dig-outs, ramps, valley gutters, and overlays on various streets in Brookings which are in need of repair. The City also coordinated the work with Brookings Municipal Utilities as several locations also needed utility work such as water mains and replacement of sanitary sewer manholes. The original areas identified for repair this year include:

- Pebble Beach: mill & overlay
- Summit Circle: mill and overlay
- Wahpeton Pass: reclaim pavement section and curb and gutter repairs
- 3<sup>rd</sup> Ave Dig-out: remove asphalt, pave with 5" of asphalt
- 7<sup>th</sup> Street (Campanile Drive to Jackrabbit Ave): pavement reconstruction, watermain replacement, curb and gutter repairs
- 1<sup>st</sup> Ave & 8<sup>th</sup> Street: dig-out of intersection, new ramps, and valley gutter
- Landfill Parking Lot: removal of existing asphalt, grading of existing gravel, and 6" of asphalt

During the project additional work was needed due to unforeseen subsurface conditions in 7<sup>th</sup> Street, as well as the addition of 14<sup>th</sup> Avenue between 3<sup>rd</sup> and 4<sup>th</sup> Street, due to pavement failure, that was deemed imminent.

The contract for 2024-08STI Street Maintenance and Overlay Project contract with Bowes Construction will be adjusted to account for the measured as-built quantities as follows:

Original Contract Amount	\$1,206,481.35
Change Order #1	<u>\$ 127,664.57</u>
Adjusted Contract Amount	\$1,334,145.92

The original Engineer's estimate for this project was \$1,447,865.50.

This year Public Works, working with the SDSU Asphalt Lab and Banner Engineering, modified the asphalt specifications to provide a better performing asphalt to extend the life of roads.

**Legal Consideration:**

None.

**Strategic Plan Consideration:**

Fiscal Responsibility - The City of Brookings will responsibly manage resources through transparency, efficiency, equity, and exceptional customer service.

**Financial Consideration:**

Sufficient appropriations exist in the adopted Fiscal Year 2024 budget in Fund #213 – Capital Improvements. The original Engineer's estimate was \$1,447,865.50. The adjusted contract remains below the original estimate and budgeted appropriations by \$113,719.58.

**Supporting Documentation:**

Resolution

Map