



## Staff Report

July 6, 2021 Council Workshop Meeting

NW 12<sup>th</sup> Avenue Improvements Change Order 1

Presenter: James Carothers, Engineering Manager

Time Estimate: 5 minutes

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### SUMMARY:

The NW 12<sup>th</sup> Avenue Improvements project was awarded in March 2021 to McDonald Excavating, Inc. in the amount of \$345,811.26.

The project is funded in the 2021 budget as follows:

CDBG Grant Funding	\$255,000
Water Fund	\$109,000
General Fund	\$51,000
<b>TOTAL 2021 BUDGET</b>	<b>\$415,000</b>

Multiple issues were discovered during construction that required additional work not included in the contracted bid price. This work is being presented as Change Order 1. Work on the project is now complete.

Total cost of Change Order 1 is \$42,187.36, which is 12.2% of the contracted bid price. Because the change order exceeds ten percent of the bid price, staff intends to present this change order to Council on the July 19 Consent Agenda.

In spite of the high change order amount, there was a net underrun on bid costs. A summary of the overall construction costs is as follows:

Actual Cost, less Change Order 1	\$331,956.77
Change Order 1	\$42,187.36
<b>Total Cost with Change Order 1</b>	<b>\$374,144.13</b>
Contract Bid Award	\$345,811.26
Net Overrun	8.2%

A description of the additional work, reason for the change, and associated costs are described below:

**Item 1A** – Additional roadway excavation and offhaul of native subgrade material. This work was required to allow for placement of crushed stone road base over shallow utility lines to provide protection from heavy construction equipment. Cost of this work is \$14,206.95.

**Item 1B** – Additional crushed stone road base to cover shallow utility lines. This was required to fill the excavation performed in Item 1A. Cost of this work is \$9,637.45

**Items 1C and 1D**– Additional crushed stone road base required to achieve design roadway elevations. This additional material makes up for the difference between the assumed and actual thickness of old asphalt that was removed. Cost of this work is \$11,904.96.

**Item 1E** – Replacement of three street trees. This work was required because the shallow roots of the trees had the potential to damage newly installed sidewalk and create a pedestrian tripping hazard. Installation of plastic root barrier was included in this work to prevent future sidewalk damage. Cost of this work is \$4,500.

**Item 1F** – Modification of curb ramps. This work was required to accommodate design revisions that improved ramp functionality and increased pedestrian safety. Cost of this work is \$1,938.00.

### **EQUITY CONSIDERATIONS:**

What are the desired results and outcomes for this agenda item?

Council approval of Change Order 1

What's the data? What does the data tell us?

N/A

How have communities been engaged? Are there opportunities to expand engagement?

N/A

Who will benefit from, or be burdened by this agenda item?

Motorists and pedestrians will benefit. No parties are expected to be burdened.

What are the strategies to mitigate any unintended consequences?

N/A

Does this agenda item have a differential impact on underserved populations, people living with disabilities, and/or communities of color? Please provide available data to illustrate this impact.

No

Will this agenda item improve ADA accessibilities for people with disabilities?

Yes

What potential hurdles exists in implementing this proposal (include both operational and political)?

None

How will you ensure accountabilities, communicate, and evaluate results?

This work has been inspected for workmanship and accuracy

How does this item support a comprehensive plan goal, policy or other adopted resolution?

N/A

**BUDGET IMPACT:**

The overall cost of the project is less than the budgeted amount.

**RECOMMENDATION:**

Staff intends to place this Change Order on the July 19, 2021 Consent Agenda for Council consideration.