



Legislation Details (With Text)

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**On agenda:** 3/1/2022      **Final action:**

**Title:** Approve the award of Change Order #3 to Contract 19-009, 248th Avenue Phase I, to Civiltech Engineering for an amount not to exceed \$55,889 and a total award of \$403,207

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. 2022-02-21\_Phase I Scope of Services Supplement 3-rev2\_, 2. SC190

Date	Ver.	Action By	Action	Result
3/1/2022	1	City Council	approved	Pass

**CITY COUNCIL AGENDA ITEM**

**ACTION REQUESTED:**

Approve the award of Change Order #3 to Contract 19-009, 248th Avenue Phase I, to Civiltech Engineering for an amount not to exceed \$55,889 and a total award of \$403,207

**DEPARTMENT:** Transportation, Engineering and Development

**SUBMITTED BY:** William J. Novack, Director

**BOARD/COMMISSION REVIEW:**

N/A

**BACKGROUND:**

The section of 248<sup>th</sup> Avenue between 95<sup>th</sup> Street and 103<sup>rd</sup> Street is currently a rural two-lane road with gravel shoulders and ditches on both sides. This portion of the 248<sup>th</sup> Avenue corridor is included in the City's Capital Improvement Program (CIP# SC190) and Road Improvement Plan for improvement to minor arterial road standards with two lanes in each direction and a center turn lane.

On June 18, 2019 City Council awarded Contract 19-009 to Civiltech Engineering for an amount not to exceed \$301,081.

Change Order #1 was approved by City Council on June 15, 2021 for an amount not to exceed \$39,998 which brought the total award to \$341,079.

Change Order #2 was approved by City Council on October 5, 2021 for an amount not to exceed \$6,239 which brought the total award to \$347,318.

The purpose of this contract is to perform a preliminary engineering study of the proposed roadway

improvements. Once complete, this study will allow the City to submit for federal funding of the construction phase of the project.

**DISCUSSION:**

This change order is requested to update traffic volumes, traffic analysis and noise analysis and to accommodate additional public meetings not included in the original scope of services. The updated analyses are needed to incorporate the traffic associated with the recently approved ICN development and address concerns raised by area residents at the December 2021 project meeting.

The anticipated tasks are briefly summarized below and are provided in more detail in the attached letter from Civiltech.

**Traffic Analysis Updates**

- Coordination with Chicago Metropolitan Agency for Planning (CMAP) and the Illinois Department of Transportation (IDOT) to determine if ICN development could be included in the 2050 traffic projections.
- Revise intersection analyses and geometric roadway design based on the updated projected traffic volumes.

**Highway Traffic Noise Analysis Update**

- The original scope of services anticipated noise impacts in only two areas. However, review of the 2050 noise model with the updated ICN traffic found that 8 of 11 possible areas have noise impacts. These additional areas will now require further study to determine the reasonableness and feasibility of potential noise barriers. Meetings with residents in these areas as well as a voting process will also likely be necessary. The updated model information, evaluation, and coordination will be incorporated into a technical memo and the Project Development Report.

**Meetings**

- A meeting regarding the noise report was held on February 3<sup>rd</sup> with area residents in advance of the planned Transportation Advisory Board Meeting. Unfortunately, the presentation to TAB was rescheduled to February 17<sup>th</sup> due to lack of quorum.
- Attend viewpoint meetings with residents predicted to be benefited by feasible and reasonable noise barriers.

**FISCAL IMPACT:**

CIP #: SC190

248<sup>th</sup> Avenue Phase I professional services are expensed to the Architect and Engineering Services account listed below. This work is related to SC190, 248<sup>th</sup> Avenue: 95<sup>th</sup> Street to 103<sup>rd</sup> Street, of which \$525,000 was budgeted for in 2022. The requested change order is within the budgeted amount for this expense.

Account Number	Fund Name	Dollar Amount
30282300-531301	Bond Fund	\$1,325,000