



AGENDA MEMORANDUM

Action Item for the City Council Meeting of February 9, 2021

DATE: February 9, 2021

TO: Peter Zanoni, City Manager

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Construction Change Order

Park Road 22 Bridge

CAPTION:

Motion authorizing the approval of Change Order Number 3 with Haas-Anderson Construction, Corpus Christi, Texas, for additional drill shaft length necessary for the completion of the Park Road 22 Bridge project, located in Council District 4, in an amount of \$209,860.00 for a total not to exceed amount of \$14,718,596.00, with FY 2021 funding available from the Street Bond 2008 Fund.

SUMMARY:

This Change Order authorizes the funding required for the additional drill shaft length and adds 10 days to the construction contract of the Park Road 22 Bridge project.

BACKGROUND AND FINDINGS:

Park Road 22 Bridge construction contract was awarded to Haas-Anderson Construction on January 14, 2020. The contractor received notice to proceed on June 29, 2020 and was given 639 calendar days (March 30, 2022) for substantial completion of the required work. Since the notice to proceed, two change orders have been approved and executed.

Change Order Number 1 was planned during the design phase to allow the selected contractor to inform the City of the preferred option for ground improvement and pushed the substantial completion date to May 29, 2022. Change order Number 1 approved 60 additional calendar days and additional funding to complete required ground improvements. The ground improvements stabilized the soil during trenchless construction for this project in order to meet design requirements for the load associated with the bridge.

Change Order Number 2 was a deductive change order in the amount of \$10,500.00 for the removal of a job site trailer requirement from the construction contract that was no longer needed for the project. Additionally, 99 days were added to the construction contract with Change Order Number 2 to account for the contractor's time to plan, design and select a sub-contractor for the efforts related to the ground improvements approved in Change Order Number 1. The project

construction began in October 2020. Change order numbers 1 and 2 extended the substantial completion date by 159 days from March 2022 to September 2022.

This Change Order Number 3 seeks to add 10 additional days and funding to the construction contract due to a discrepancy between the drill shaft lengths shown in the design plans and the drill shaft lengths shown in the construction specification documents and bid form. The design engineer (Urban Engineering) made several changes to the project scope during the design and bid phases that included changing the drill shaft piling lengths. These changes were reflected in the design plans but were never changed in the construction specification documents and on the bid form. The final design required a total of 4,131.6 linear feet of drill shaft. The construction contract only had 3,532 linear feet of drill shaft resulting in a shortage of 599.6 linear feet. The contractor has agreed to charge the same unit price for the additional drill shaft length necessary for the improvements.

After completion of this project, Park Road 22 Bridge will be a fully reconstructed four-lane roadway with safe pedestrian walkways and golf cart access under the bridge, connecting the east and west sides of Park Road 22.

PROJECT TIMELINE WITH CHANGE ORDER:

The Change Order Number 3 will authorize an additional 10 calendar days to the construction contract. The anticipated substantial construction completion date of the project is September 2022.

ALTERNATIVES:

The City could defer this work until a future date, but this would prevent the bridge from being constructed and likely result in additional construction cost since the contractor is already mobilized on site.

FISCAL IMPACT:

The fiscal impact for FY 2021 is an amount of \$209,860.00 with funding available from the Street Bond 2008 Fund.

FUNDING DETAIL:

Funding for the Change Order No. 3 is available through the geotechnical testing account. The monies were transferred to this Change Order as there are no pending task orders under the contract.

Fund:	Street Bond 2008 (Fund 3548)
Mission Elem:	Street Pavement Maintenance (051)
Project:	Park Road 22 Bridge (Project No. 6281)
Account:	Construction (550910)
Activity:	170062-01-3548-EXP
Amount:	\$209,860

RECOMMENDATION:

Staff recommends approval of this Change order No.3 in an amount of \$209,860.00, with Haas-

Anderson Construction for additional quantities necessary for the bridge and retaining improvements on the Park Road 22 Bridge project for a total not to exceed amount of \$14,718,596.00. Construction is anticipated to be completed by September 2022.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Change Order No. 3