



Town of Castle Rock

Agenda Memorandum

Agenda Date: 5/19/2020

Item #: 14. **File #:** TMP 2020-307

To: Honorable Mayor and Members of Town Council

From: Mark Marlowe, P.E., Director of Castle Rock Water
Dan Sailer, P.E., Director of Public Works

Resolution Approving a Reallocation of Authorized Funds for the Gordon Drive Improvement Project *[Memmen's Subdivision, South of Fifth Street and East of Valley Drive]*

Executive Summary

Castle Rock Water and the Public Works Department are seeking Town Council approval of a Resolution (***Attachment A***) approving a reallocation of previously authorized funds for the Gordon Drive Improvement Project. Town Council approved the original Construction Contract, and Change Order #1, with Iron Woman Construction and Environmental Services, LLC (Iron Woman) in the amount of \$2,577,763, plus a ten percent Town-managed contingency in the amount of \$257,776, for a total current project authorization of \$2,835,539.

This project is funded through the Stormwater, Wastewater and Water Enterprise Funds and the Transportation Fund, and it is located in the Memmen's subdivision south of Fifth Street, east of Valley Drive. A project location map has been provided (***Attachment B***). Improvements generally include the addition of stormwater infrastructure, water and sanitary sewer infrastructure modifications and replacement, and pavement maintenance along Gordon Drive and the cul-de-sacs that intersect with Gordon Drive.

The work associated with water and wastewater improvements is substantially complete and the only remaining work is associated with the completion of the storm sewer inlet and outlet works and associated roadway improvements. Additional funding is needed to address changes in the storm sewer infrastructure beyond the authorized budget amount previously approved by Council. Conversely, the water, wastewater and public works costs have been completed under budget. This request will reallocate funding sources to address the increases in storm sewer costs while remaining within the overall total project authorization.

Notification and Outreach Efforts

No additional outreach efforts are anticipated as a result of this funding reallocation change.

History of Past Town Council, Boards & Commissions, or Other Discussions

Castle Rock Water staff presented this construction contract to the Castle Rock Water Commission at their meeting held on February 27, 2019, and the Castle Rock Water Commission voted unanimously to support the project. The project was awarded to Iron Woman Construction by Resolution 2019-034, approved by Town Council at the March 5, 2019 meeting.

Staff presented Change Order #1 to the Castle Rock Water Commission at their April 24, 2019 meeting. The Commission voted unanimously to recommend approval to Town Council. Resolution 2019-050, increasing the total authorization to \$2,835,539, was approved by Town Council at the May 7, 2019 meeting.

Discussion

This residential subdivision and infrastructure in the area is approximately forty years old. This project combines multiple components along Gordon Drive. The Stormwater Division identified a need to install storm sewer infrastructure along Gordon Drive to convey approximately one hundred tributary acres of on-site and off-site flows, currently draining along the surface of the roadway. An underground storm sewer will capture and convey the flow to minimize street flooding and bring the roadway up to current standards for drainage. In order to construct the storm sewer, modifications to the existing sanitary sewer and waterline infrastructure were necessary. Improvements also include reconstruction of the roadway, from an inverted crown to a standard crown with catch curb and gutter along Gordon Drive, between Johnson Drive and Gordon Lane. In addition, paving improvements include full depth reclamation of the remainder of Gordon Drive, and Gordon Lane, Gordon Court and Gordon Place.

As a follow-up to concerns expressed by residents at the open house, staff requested and received approval of Change Order #1 to proactively replace aging waterlines, fire hydrants, valves and service lines along the northern and southern ends of Gordon Drive and the adjacent cul-de-sacs. Completing these replacements with the project will limit future street cuts that would compromise the newly constructed pavement.

The additional cost associated with storm sewer infrastructure requires additional grouted boulders due to a quantity error on the original bid schedule. Staff negotiated with the contractor to reduce their unit cost for this item to remain within the overall project budget.

Budget Impact

Reallocation of authorized funds by individual account is shown below. The total authorization of the project remains unchanged. A budget transfer will be processed in the Stormwater fund to ensure adequate funds are available.

Fund	Account Number	Current Authorization	Reallocation Amount	Revised Authorization
SW - Young American Storm Sewer	212-4475-444.78-31	\$736,076	\$105,000	\$841,076
WW - Young American/ Gordon Dr	213-4575-445.78-78	\$533,545	\$(10,000)	\$523,545
W - Waterline Rehab/Replacement	210-4275-442.75-35	\$731,045	\$(65,000)	\$666,045
PW - Gordon Drive Reconstruction	120-3175-431.40-35	\$834,873	\$(30,000)	\$804,873
Total		\$2,835,539	\$0	\$2,835,539

The total multi-year expenditures for this project, including authorized contingencies and proposed reallocations, are as follows:

Fund	Phase I Engineering (2017) BHI	Phase II/III Engineering (2018) BHI	Bid/Const Support (2019-2020) BHI	Reallocated Construction (2019-2020) IWC	Revised Total
Stormwater	\$23,997	\$35,116	\$16,779	\$841,076	\$916,968
Wastewater	\$9,600	\$11,705	\$3,739	\$523,545	\$548,589
Water		\$7,803	\$2,493	\$666,045	\$676,341
Public Works	\$14,398	\$23,411	\$7,479	\$804,874	\$850,161
Total	\$47,995	\$78,035	\$30,490	\$2,835,539	\$2,992,059

Staff Recommendation

Staff recommends Town Council approval of a Resolution approving a reallocation of authorized funds, for the Gordon Drive Improvement Project, maintaining a total project authorization of \$2,835,539.

Proposed Motion

"I move to approve the Resolution as introduced by title."

Attachments

Attachment A: Resolution
Attachment B: Map