



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#13-0143

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee Feldman, ICMA-CM, City Manager

DATE: June 18, 2013

TITLE: Motion to approve final Change Order for Harborage Isle Dr. Bridge Replacement Project with Weekley Asphalt Paving, Inc. in the amount of \$67,088.98 plus \$4,696.23 for engineering administration fees, and to extend the contract for 134 non compensatory work days

Recommendation

It is recommended that the City Commission approve the final Change Order for Harborage Isle Dr. Bridge Replacement Project with Weekley Asphalt Paving, Inc. in the amount of \$67,088.98 plus \$4,696.23 for engineering administration fees, and to extend the contract for 134 non compensatory work days.

Background

Harborage Isle Drive Bridge is a 134 linear feet bridge along Harbor Isle Dr. and is situated over the New River Sound. The construction work included the demolition of the entire bridge and reconstruction with the installation of concrete piles, bulkhead wall panels, deck slabs, approach slabs, pedestrian parapet wall and sidewalk, bridge lighting, striping and landscape restoration.

City staff approved additional work that was required to complete the project. This work includes, but is not limited to, increases in the contract quantities and design modifications to a wing wall. Staff did not seek reimbursement from FDOT in a timely manner, therefore the FDOT denied funding for these changes. The approval from City staff occurred to avoid project delays and to prevent an increase in project costs. City staff is currently pursuing compensation from the Engineer of Record and Surveyor for errors that contributed to the need for modifications in the amount of \$10,278.98.

The change in quantities/modifications is included in the Final Change Order No. 1 and consists of the following additions:

- Additional 3rd Concrete Pile and Splice (\$41,405.00) - During construction, this work required that the contractor furnish and install a 100 Linear Feet concrete

pile as per an engineering analysis report. This report recommended the use of two sections of concrete piling and a pile splice and is common with the installation of these preliminary piles.

- Additional Class I Concrete (\$15,405.00) - During construction large voids were encountered behind the bulkhead panels. Similarly, where existing piles were removed, larger than expected cavities were created. This required that additional quantities be placed to correctly fill these cavities, which ultimately provides stability for the bulkhead panels and approach slab.
- Modifications to Southwest wing wall (\$10,278.98)-This contract change represents a design error that can be attributed to incomplete survey information utilized in the bridge design. The information gathered by the survey consultant did not accurately depict the existing field conditions associated with this change, and were then passed on to the bridge design consultant.

Resource Impact

There is a fiscal impact to the City in the amount \$67,088.98 for the Change Order and \$4,696.23 for engineering, inspection and administration fees.

Available Funding:

FISCAL YEAR	FUND	SUBFUND	FUND NAME	INDEX #	INDEX NAME	SUBOBJECT #	SUBOBJECT NAME	AMOUNT
2013	331	01	General Capital Projects	P10742.331	Bridge Replacement at Harborage Parkway	6599	Construction	\$67,088.98
2013	331	01	General Capital Projects	P10742.331	Bridge Replacement at Harborage Parkway	6501	Force Account	\$4,696.23
							TOTAL	\$71,785.21

Attachment:

Exhibit 1 - Change Order No. 1 (Final)

Prepared by: Yugal K. Lall, P.E., Assistant City Engineer

Department Director: Hardeep Anand, P.E., Public Works