



**MARTIN COUNTY BOARD OF COUNTY COMMISSIONERS
CHANGE ORDER TO CONSTRUCTION AGREEMENT**

PROJECT NAME	MacArthur Blvd Improvements Design	CHANGE ORDER #	1
PROJECT #	RFQ2019-3089	CO DATE	3/9/2021
CONTRACT DATE	29-Jan-19		

The Contract is changed as follows:

Description	Amount
Change of Scope - MacArthur Blvd. Design - Task A.1 - A.4	
Task A. 1 - Widening Data Acquisition	\$ 11,000.00
Task A. 2 - Widening Design	\$ 75,000.00
Task A. 3 - Additional Permitting	\$ 12,000.00
Task A. 4 - Environmental Assessment (EA) Support	\$ 7,000.00
Total	\$ 105,000.00

Original Contract Sum	\$ 251,000.00
Net Change by Previously Authorized Change Orders	\$ -
Contract Sum Prior to This Change Order	\$ 251,000.00
Amount of this Change Order	\$ 105,000.00
New Contract Sum	\$ 356,000.00

Contract Time Increase(calendar days)	6 months
New Substantial Completion Date, if applicable	

LaConte Engineering

Patrick LaConte, PE, CPM

**BOARD OF COUNTY COMMISSIONERS
MARTIN COUNTY, FLORIDA**

James Gorton, Public Works Director

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George Dzama, PE – Capital Projects Manager
Public Works Department
Martin County Board of County Commissioners
2401 S.E. Monterey Road
Stuart, Florida 34996
Attn: Nicholas Muzia, Project Manager

September 25, 2020

**RE: Change of Scope Proposal for MacArthur Boulevard Improvements Design
PO #P1903319 (Contract RFQ2019-3089)**

PROJECT PURPOSE & BACKGROUND

The purpose of this proposed mitigation measure is to elevate and harden a portion of MacArthur Boulevard in Martin County, Florida, by elevating an existing low and vulnerable section, and protecting it with a sheet-pile wall. The improvements will protect the roadway from future washout as it is the only access and utility corridor for approximately 500 homes and a public beach.

The project, Hazard Mitigation Grant Program (HMGP) DR-428364-R, was approved for funding by the Florida Division of Emergency Management and the Federal Emergency Management Agency (FEMA). The project will elevate a portion of this coastal roadway vulnerable to high seas and strong waves above the Base Flood Elevation (BFE).

LaConte Engineering was selected to design and permit the project per the contract RFQ2019-3089, and the PO P1903319, issued on February 14, 2019. As changes in the design and restrictions in project construction time frames have come to light LaConte Engineering has supported Martin County in securing a Change of Scope (funding and phasing) for the HMGP grant. At this time, the grant project is undergoing an Environmental Assessment (EA) to assure impacts will be addressed.

PROJECT CHANGES/ADDITIONS

The new project concept is to widen the south end of MacArthur with an additional southbound lane that will terminate at the entrance to Sailfish Point. The widening will extend into the existing natural vegetation area immediately west of the existing roadway. A retaining wall will address the vertical transition between the existing grades and the proposed widening. The proposed impacts to the existing natural conditions will require environmental permit approval beyond that which was anticipated for the original concept with the road in the same footprint.

The Coastal Construction Control Line (CCCL) permit was obtained for the Shoreline Armoring. However, the Florida Department of Environmental Protection (FDEP) requires an additional CCCL permit for the roadway elevation proposed east of the CCCL once the wall is installed.

The EA is currently evaluating these changes to the HMGP grant, and therefore, it is necessary to participate in this additional EA effort.

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Therefore, this proposal is for the Phase 1 services needed to 1) obtain additional site data, 2) design and 3) permit the widening concept and the additional CCCL permit for the roadway as proposed in the HMGP Change of Scope and to 4) support Martin County in the EA process.

ADDITIONAL SCOPE OF SERVICES

Task A.1 – Widening Data Acquisition:

LaConte Engineering will obtain site data as follows:

- ☐ Additional topographic survey for the widening design and permit applications.
- ☐ Additional Geotechnical evaluation for the roadway widening and wall improvements.

Task A.2 – Widening Design:

LaConte Engineering will prepare construction plans for the following:

- ☐ Design of the roadway widening improvements.
- ☐ Design of the roadway wall improvements.

Task A.3 – Additional Permitting:

LaConte Engineering will prepare, submit and process permit applications as follows:

- ☐ Modified SFWMD Environmental Resource Permit (ERP) & USACE permit applications.
- ☐ Additional FDEP Coastal Construction Control Line (CCCL) permit for the roadway.

Task A.4 – Environmental Assessment (EA) Support:

LaConte Engineering will support Martin County in the EA process as follows:

- ☐ Participate in meetings with the State (Division of Emergency Management) and FEMA.
- ☐ Prepare responses to on-going Requests for Additional Information (RAI/RFI).

DELIVERABLES

As the products of these services, LaConte Engineering will provide modified deliverables as follows:

- ☐ Two sets of engineering Signed/Sealed final design (Construction Plans) and analysis, surveying, and Hydrologic and Hydraulic (H&H) Studies.
- ☐ Revised cost estimate for Phase II - construction (include Phase I costs), to implement the design project.
- ☐ Color maps including topographical, aerial, and ground disturbance.
- ☐ Copy of all environmental permits or applications; any obtained from the Florida Department of Environmental Protection (FDEP), and/or local Water Management District (WMD) shall be required. Any conditions for compliance shall be included in the final design plans, narrative and project implementation actions.
- ☐ Copy of the United States Army Corps of Engineers (USACE) permit or No Permit Required notification.

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TIME OF SERVICE

These services will begin upon receipt of notice to proceed or purchase order from Martin County, with duration of services estimated at 6 months.

FEE SCHEDULE

The fees for these services are as follows:

☐ **Task A.1 – Widening Data Acquisition**

***Fixed Fee* \$11,000.**

☐ **Task A.2 – Widening Design**

***Fixed Fee* \$75,000.**

☐ **Task A.3 – Additional Permitting**

***Fixed Fee* \$12,000.**

☐ **Task A.4 – Environmental Assessment (EA) Support**

***Fixed Fee* \$7,000.**

Fee Summary

<u>Scope of Services</u>	<u>Fee</u>	
Task A.1	\$11,000	<i>Fixed Fee</i>
Task A.2	\$75,000	<i>Fixed Fee</i>
Task A.3	\$12,000	<i>Fixed Fee</i>
Task A.4	\$7,000	<i>Fixed Fee</i>
Change of Scope	\$105,000	<i>Total</i>

Invoices will show progress billing based on percentage of work completed.

Respectfully submitted,


Patrick LaConte, PE CFM
LaConte Engineering

9/25/20
Date: _____