



## MEMORANDUM

**To:** Honorable Mayor and Town Council

**From:** Rafael G. Casals, Town Manager

**Date:** May 18, 2016

**Re:** Issuance of PO to Marlin Engineering, Inc. for Town-Wide Traffic Calming Alternatives Study

---

### REQUEST

**A RESOLUTION OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF CUTLER BAY, FLORIDA, AUTHORIZING THE TOWN MANAGER TO ISSUE A PURCHASE ORDER TO MARLIN ENGINEERING, INC. FOR PHASE I OF THE TOWN-WIDE TRAFFIC CALMING ALTERNATIVES STUDY; AND PROVIDING FOR AN EFFECTIVE DATE.**

### BACKGROUND AND ANALYSIS

The Town is interested in adopting a Town-wide Traffic Calming Alternatives Master Plan. The purpose and goal of which is to identify particular locations which present speeding/traffic volume problems, determine whether and where traffic calming measures are needed, and recommend the necessary traffic calming measures in order to reduce any identified speeding and/or traffic volume problems for each location of concern.

To maximize funding for the Town of Cutler Bay, the study will be broken up into two (2) phases, including:

**Phase 1** – Traffic Calming Study to develop Town-wide Traffic Calming Alternatives Master Plan.

**Phase 2** – Design of Final Construction Plans and Technical Specifications, including obtaining necessary permits from MDPWD. Post Design Services, including preparation of bid documents and construction inspection services will also be included.

The study, Phase I, shall reflect traffic calming measures in an effort to reduce or eliminate cut-thru traffic and speeding within the neighborhood. The Town of Cutler Bay will be divided into logical quadrants to maximize efficiency. Suggested traffic calming devices for which the traffic intrusion analysis will examine are listed, but not limited to: Speed humps and/or tables,





neckdowns, traffic circles, half closures, full closures, channelization, chicanes, chokers, lane narrowing, traffic medians, diverters, and raised intersections.

The study area is bound by the Town limits, generally encompassing the following: on the North, SW 184th Street (Eureka Drive), on the West, the east side of the Busway to the coast, on the South, north of 232nd Street, and on the East, the Biscayne Bay National Park, forming a Town of approximately 10 square miles.

Town staff has negotiated the proposed Town-wide Traffic Calming Alternatives Study services for Phase I with Marlin Engineering, Inc. which includes; Traffic data collection, data analysis, development of traffic calming alternatives, and development of town-wide traffic calming alternatives master plan. The total negotiated cost for these professional services is \$ 84,621.96 (*Attachment "A"*).

The Town's adopted 2014-19 Strategic Master Plan's Goal # 6.2 recommends optimizing the smooth flow of traffic through the Town by minimizing traffic congestion and maximizing the capacity of our local roadways. Town staff in order to accomplish the goal identified in the Strategic Master Plan will host a series of Public Involvement meetings with the community in order to receive input from stakeholders: homeowners, Police, Public Works, and Town's Traffic Engineering Consultant (Marlin Engineering, Inc.).

### **RECOMMENDATION**

Town staff recommends that the attached Resolution be adopted, authorizing the Town Manager to issue a purchase order in an amount not to exceed \$ 84,621.96, based on the same terms and conditions as stated in the Professional Services Agreement.

