




## MEMORANDUM

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Date: April 18, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress   
City Manager

From: Gary Volenec,  
Interim Engineering Director

Subject: **Memorandum of Agreement (MOA) between the Florida Department of Transportation (FDOT) and the City of Key West for Non-Motorized Traffic Monitoring Program Continuous Counting Hardware**

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### Introduction

Approve the MOA authorizing FDOT to install and maintain non-motorized traffic monitoring equipment at the Staples Avenue Bridge.

### Background

The Staples Avenue Bridge has provided non-motorized connectivity for pedestrians and bicyclists in Key West for nearly twenty years. Temporarily deployed counting equipment has found that approximately 7,000 trips are made over the bridge each week. The installation of continuous counting hardware, also known as a permanent counter, can provide additional details such as changes in use over time, while requiring less staff time for data collection. The City of Key West currently partners with FDOT to collect non-motorized traffic data that is subsequently validated, submitted to the Federal Highway Administration, and used locally for multimodal planning. FDOT will agree to pay for the professional installation and maintenance of a permanent counter at the Staples Avenue Bridge provided that the City of Key West provides the equipment for the project. FDOT has experience installing the equipment and currently maintains a similar well-functioning permanent counter along US1.

This project supports the Key West Bicycle and Pedestrian Master Plan and the Key West Forward Strategic Plan, Priority 6: Traffic & Pedestrian Friendliness.

### **Procurement**

Counting hardware to improve the multimodal network has been budgeted in Account 111 4903 549 6400 Machinery & Equipment / Traffic Monitoring Equipment. By approving this MOA, the City of Key West agrees to purchase and make available to FDOT equipment valued at approximately \$15,000.00 that may only be available through a sole source procurement.

This agreement will save the city the expense of the installation, the modem to transmit data, and the maintenance of the equipment.

Upon approval, the City of Key West will be required to provide non-motorized traffic monitoring equipment to FDOT within the agreed upon timeframe, and provide general oversight for its installation at Staples Avenue Bridge.

### **Recommendation**

Staff recommends the Mayor and Commission approve the resolution authorizing the City Manager to enter into an agreement with FDOT to install and maintain non-motorized traffic monitoring equipment at the Staples Avenue Bridge.