



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#23-0988

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

FROM: Greg Chavarria, City Manager

DATE: November 7, 2023

TITLE: Motion Approving a First Amendment between the Florida Department of
Transportation and the City of Fort Lauderdale for the Operations and
Maintenance of an Intelligent Transportation System (ITS) - (**Commission
Districts 1, 2, 3 and 4**)

Recommendation

Staff recommends that the City Commission approve a First Amendment to the Agreement between the Florida Department of Transportation (FDOT) and the City of Fort Lauderdale, in substantially the form attached, for the Operations and Maintenance of an Intelligent Transportation System (ITS).

Background

On June 21, 2022 (CAM #22-0524) the City Commission approved the execution of an Agreement between FDOT and the City of Fort Lauderdale for the Operation and Maintenance of an Intelligent Transportation System (ITS), known as Bluetooth/BlueTOAD devices.

BlueTOAD devices collect trip information and are used to measure the distance, time, and speed at which vehicles travel at any given time. This information is automatically collected from vehicles with enabled Bluetooth systems and aggregated to analyze traffic patterns and trends.

Seven (7) Bluetooth devices were installed across the City limits pursuant to the original Agreement. The Agreement allows for additional corridors and/or intersections to be added by mutual agreement between the City and the FDOT.

To further enhance coverage and the City's ability to analyze, monitor and manage traffic conditions, City staff identified 15 locations for installation of additional devices citywide. These locations were developed jointly between the City and FDOT staff ensuring there is no duplication of effort and that agencies are leveraging resources of one another irrespective of ownership. The First Amendment will add these 15 new locations to the existing agreement and are shown on Exhibit 2.

Resource Impact

This action will shift future operating and maintenance costs for the 15 new devices from the City to FDOT. The annual cost savings are estimated at \$500 per device.

Strategic Connections

This item is a *2024 Commission Priority*, advancing the Transportation and Traffic Initiative

This item supports the *Press Play Fort Lauderdale 2024 Strategic Plan*, specifically advancing:

- The Infrastructure Enhancement focus area
- Goal 2: Build a multi-modal and pedestrian friendly community
- Objective: Improve transportation options and reduce congestion by working with partners

This item advances the *Fast Forward Fort Lauderdale 2035 Vision: We Are Community*

This item supports the Advance Fort Lauderdale 2040 Comprehensive Plan specifically advancing:

- The Infrastructure Focus Area
- The Transportation and Mobility Element
- Goal 3. Ensure a cohesive transportation network among local, regional, and state regulatory institutions.

Attachments

Exhibit 1 – Agreement for Operations and Maintenance of ITS System with FDOT

Exhibit 2 – Location Map

Exhibit 3 – First Amendment to the Agreement for Operations and Maintenance of ITS System with FDOT

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Transportation and Mobility

Department Director: Ben Rogers, Director, Transportation and Mobility