

# I-75 FRAME

## Onboard Unit (OBU) Deployment Plan

### 1.0. OBUs in Commuter Vehicles

#### 1.1. Trip Generators

A project specific target area will be identified to target commuters traveling the project corridors at least twice a day. The following major trip generators are identified in the cities of Gainesville and Ocala.

- University of Florida
- Shopping Malls
- Employment Centers
- Government buildings
- Schools

#### 1.2. Vehicles

Due the limitation of OBUs working on a specific vehicle years the following targets are set.

- 2006 or newer vehicles
- Good mix of cars, SUVs and pickup trucks

#### 1.3. Public Outreach

A project specific public outreach campaign will be designed to target audiences as well as seek volunteers who would like to install OBUs in their vehicles. The following steps will be taken.

- Campaign design for target audience
- In-person survey
- Media survey – TV/radio/newspapers

#### 1.4. Length of Term

Once target vehicles are identified, they will be outfitted with OBUs by FDOT/Design Build team with the following conditions for the length of term:

- Keep OBUs for at least two years
- Incentivize users to increase participation

## 1.5. Product Installation and Removal

FDOT in coordination with the local agencies will install OBUs in the volunteer vehicles. The FDOT will be accountable to provide technicians to outfit OBUs in the vehicles.

## 1.6. USDOT CAMP

# 2.0. OBUs in Emergency Vehicle and Transit Buses

## 2.1. Target Agencies

The following agencies will be reached out to identify buses and emergency vehicles within both cities of Gainesville and Ocala.

- City of Gainesville
- City of Ocala
- Alachua County
- Marion County
- Gainesville Regional Transit Service
- Ocala SunTran Bus Service
- City of Gainesville Police Department
- Alachua County Sheriff's Office
- City of Ocala Police Department
- Marion County Police Department
- Florida Highway Patrol Troop B and C

## 2.2. Target Fleet

The target fleet of vehicles will be selected based on number of trips each vehicle makes on an average on the project corridors.

Follow steps described in sections 1.3 to 1.5.

# 3.0. OBUs in Freight/Trucks

OBU installation on freight trucks is not a part of this project. A partnership with Florida Trucking Association is established and benefits of OBU installation will be discussed to seek support in deploying OBUs in freight trucks.