



CITY OF ORLANDO

MEMORANDUM

To: David Billingsley, Chief Procurement Officer

From: Charles Ramdatt, P.E., Deputy Public Works Director - Transportation Engineering Division Manager

Date: November 12, 2015

Subject: Request to standardize BlueMac equipment

The Transportation Engineering Division is requesting your assistance with the standardization of equipment to be used in support of the pending Downtown Orlando travel time and Origin/Destination study. Specifically, the Transportation Engineering Division is seeking to standardize BlueMac equipment from Digiwest LLC.

The reason for the standardization request is that the Florida Department of Transportation (FDOT) has an Active Arterial Management project that's currently under construction which will install BlueMac Travel Time and Origin-Destination readers along state highways within the City of Orlando. FDOT's Active Arterial Management project was awarded as a result of a formal solicitation through which BlueMac equipment was selected by the successful bidder.

The City plans to supplement FDOT's BlueMac readers with our own BlueMac readers throughout Downtown Orlando. This will allow automated and seamless collection of regional Travel Times and Origin-Destination data along both FDOT's state highways and City streets within Orlando. The effort will result in extremely valuable performance metrics of the transportation network and will allow for the comparison of both routine and non-routine (e.g., Amway Center, Dr. Phillips Center, Citrus Bowl, Soccer Stadium events, etc) traffic conditions and parking garage utilization.

In summary, the Transportation Engineering Division's request for standardization of BlueMac equipment is the preferred way to reliably compare Travel Time and Origin-Destination data results between the City and FDOT's readers. In addition, FDOT has agreed to host the data collected by this equipment on their servers which will result in a significant cost savings to the City.

Please do not hesitate to contact me at 407.246-3186 if you have questions or concerns.