

# MIAMI BEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, [www.miamibeachfl.gov](http://www.miamibeachfl.gov)

## COMMISSION MEMORANDUM

TO: The Members of the Neighborhood / Community Affairs Committee

FROM: Daniel J. Oates, Chief of Police

DATE: April 4, 2018

SUBJECT: **Neighborhood / Community Affairs Committee  
R9T Discussion Regarding the Permanent Termination of the City's  
Month-to-Month Agreement With Xerox State and Local Solutions, Inc.  
("Xerox") Regarding the Photo Red Light Enforcement Program**

### Update:

At the March NCAC meeting, Committee Members suggested that an academic from Florida International University be brought in to evaluate the City's photo red light data. On March 28, the Miami Beach Police Department's Chief of Staff, along with Sergeant Jack Rodriguez, the Department's traffic crash expert, had a conference call with Dr. Mohammed Hadi from FIU. The Department was introduced to Dr. Hadi through Dr. Leslie Rosenfeld's contacts at FIU. Dr. Leslie Rosenfeld and two of Dr. Hadi's colleagues were included in this conversation.

Dr. Hadi and his colleagues had previously been provided and reviewed the same photo red light camera data that had been provided to the Commission, including intersections and crash data from 2005-2017. Dr. Hadi and his team suggested that a comparative analysis be done of intersections that are not monitored by photo red light technology. These intersections would be identified by FIU. The staff from FIU will be outlining their request for additional data sets and will provide the City with a preliminary estimate of the cost of such a study early next week.

For the Committee's information, Dr. Hadi's official biographical statement is provided below.

Dr. Mohammed Hadi is a Professor at Florida International University (FIU). His experience covers a wide variety of transportation engineering areas with emphasis on Intelligent Transportation Systems (ITS), simulation and dynamic assignment modeling,

data archiving and mining, performance measurements, traffic operations, planning for operations, and software development. He has been involved in ITS since the beginning of this field and was a co-author of the first report on the subject in Florida in 1991. He was also involved in the development of the national ITS architecture in the mid-1990s. In the period between 1986 and 1995, he was involved in the development of signal timing optimization and simulation programs that were widely used around the United States. Between 1995 and 2005, Dr. Hadi worked in a consultant firm to provide consultant services to public and private agencies from around the United States and Puerto Rico, focusing again on all areas of ITS.

Dr. Hadi joined the FIU Civil and Environmental Engineering Department in Miami as a faculty in 2005, where he is leading the ITS program at the FIU Lehman Centre for Transportation Research. In the past six years, he has developed ITS evaluation and data analytic tools that are among the most advanced in the nation. He has also been working on a large number of national, state, and local research projects and delivering ITS education to graduate and undergraduate students.

Dr. Hadi is a member and the research coordinator of the TRB Traffic Flow Theory and Characteristics Committee and the TRB Intelligent Transportation Systems (ITS) Committee. He is also a member of the TRB Highway Capacity and Quality of Service Committee. He is the chair of ITS America Research and Benefit-Cost Committees and a current member of ITS Florida Board of Directors, responsible for the continuing education committee. Dr. Hadi is currently a member of the Florida Automated Vehicle (FAV) Working Group that is establishing the foundation of automated vehicle implementation in Florida. He is also invited member of a large number of national advisory groups including those related to Integrated Corridor Management (ICM), ITS evaluation, ITS education and learning, and advanced modeling.

DJO:tr