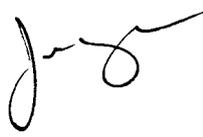




OFFICE OF THE CITY MANAGER  
NO. LTC # 274-2006

## LETTER TO COMMISSION

TO: Mayor David Dermer and Members of the City Commission  
FROM: Jorge M. Gonzalez, City Manager   
DATE: November 13, 2006  
SUBJECT: Alton Road Traffic Signalization Improvements

RECEIVED  
2006 NOV 14 PM 12:53  
CITY CLERK'S OFFICE

The City of Miami Beach Municipal Mobility Plan Project #34 called for capacity improvements on Alton Road, from 8<sup>th</sup> Street to Dade Boulevard. The first of these improvements was implemented in 2000 utilizing Concurrency Mitigation Funds. It protected dual left turn movements on 17<sup>th</sup> Street at Alton Road.

In order to complete MMP Project #34, the City successfully applied in 2001 for a Florida Department of Transportation (FDOT) fund source known as the County Incentive Grant Program (CIGP). The CIGP offered incentives to municipalities wishing to implement capacity enhancement projects on State roads, to fit specific area needs. At that time, a large number of high-rise condominium development projects were being approved by the City for construction on West Avenue, which would increase traffic along Alton Road and left-turn movements to/from the crossing streets.

Resolution No. 2002-24796, dated March 20, 2002, authorized the execution of a CIGP Agreement with FDOT which made available to the City a \$70,000 State grant, matched at \$70,000 by the City, utilizing Concurrency Mitigation Funds. Back in 2002, this \$140,000 was to cover the costs of a preliminary assessment, plans preparation, construction and construction inspection of a project that would improve traffic signalization on Alton Road by adding protected left-turn movements at the intersections with 8<sup>th</sup>, 11<sup>th</sup>, 15<sup>th</sup>, and 16<sup>th</sup> Streets, and Dade Boulevard.

City rotational consultant, Post Buckley Shuh & Jernigan (PBS&J) was engaged in 2003 to conduct a preliminary assessment of the corridor, prepare design plans, and perform construction inspection services for the project. The negotiated cost to do the project was \$46,862.

In order to justify Miami-Dade County movement warranting, PBS&J had to conduct an unscheduled traffic study to justify the need for the new movement; and conduct four (4) unscheduled meetings with the County/FDOT/City to resolve all issues and finalize the project plans. The additional consultant fees incurred for the unscheduled services exhausted the contract fund balance that had been previously set aside for construction inspection services.

In December 2003, the Alton Road/Dade Boulevard section of the overall project was funded and implemented by FDOT, as a priority project. It took the City an additional 18 months and three different revisions to the PBS&J plans for the Alton Road Project at 8<sup>th</sup>, 11<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup> Streets to receive both FDOT and County approvals to proceed with the improvements.

In January 11, 2006, Resolution #2006 – 26095 approved \$101,594 in Concurrency Mitigation Funds needed to fund the \$194,732 for the entire project. A JOC contractor was engaged to perform the job and in October 2006 the work was finished.

The following improvements will support the key intended outcome to “maintain or improve traffic flow” on the southern portion of Alton Road:

### **8<sup>th</sup> Street**

- New traffic signal heads with five (5) traffic lights providing a protected left turn for north-bound traffic.
- New left turn detector loops.
- New countdown pedestrian signals with American Disabilities Act (ADA) buttons.

### **11<sup>th</sup> Street**

- New traffic signal heads with five (5) traffic lights providing a signal protected left turn for north-bound and south-bound traffic.
- New left turn detector loops.
- New countdown pedestrian signals with ADA buttons.

### **15<sup>th</sup> Street**

- New traffic signal heads with five (5) traffic lights providing a signal protected left turn for south-bound traffic.
- New left turn detector loop.
- New countdown pedestrian signals with ADA buttons.

### **16<sup>th</sup> Street**

- New mast arm
- New traffic signal head with five (5) traffic lights providing a signal protected left turn for south-bound traffic.
- New left turn detector loop.
- New countdown pedestrian traffic signals with ADA buttons.

Please feel free to contact me if you have any questions or concerns



RCM/FHB/FX