



CITY OF BOCA RATON

PALMETTO PARK RD & NE/SE 5TH AVENUE INTERSECTION

UPDATE

January 25, 2016

As part of the work order regarding the study of the intersection of Palmetto Park Road and NW 5th Avenue, the City's traffic consultant, Calvin Giordano Inc, (CGI), held a public workshop on November 16, 2015 to receive public comments on the intersection – including observations of the existing status and suggestions for improvements. CGI has provided a summary of that public meeting, which is available for viewing on the City's website.

During the public comment collection, it was suggested that the City perform another set of traffic counts at the intersection during peak season and for more than one day. Although the City already has traffic data regarding this intersection, to verify that the existing data is appropriate and representative, additional traffic information at the intersection is scheduled to be collected in February.

Following the collection of the data, CGI will be analyzing the intersection data, reviewing the public comments, and developing alternatives for improvements of the intersection. This report will be posted on the City's website and presented to the City Council at a future City Council workshop. Updates to the public will be provided as additional information becomes available.



CITY OF BOCA RATON

PALMETTO PARK RD & NE/SE 5TH AVE WORKSHOP

BACKGROUND

Calvin, Giordano & Associates, Inc. (CGA) was retained by the City Boca Raton to complete traffic study at the intersection of Palmetto Park Road and NE/SE 5th Avenue in Boca Raton, Florida. The study was initiated as a result of reported operational concerns at the subject intersection. Based on discussions with City staff, the limits of the study were extended to identify any potential traffic patterns in the surrounding roadway network that might contribute to the reported issues at the study intersection; the extended limits of the study were decided to be Palmetto Park Road from US-1/Federal Highway to SRA1A and NE 5th Avenue from Palmetto Park Road from NE 5th Avenue to US-1/Federal Highway. Considering the original scope and purpose of this study, the detailed analysis will only include the intersection of Palmetto Park Road and NE/SE 5th Avenue; a cursory evaluation will be completed for the remainder of the extended study area.

A public outreach workshop was held on Monday, November 16th, 2015 between 5:00 and 8:00 p.m. in the



Community Room at the Boca Raton Downtown Library focusing on the evaluation and analysis of the existing conditions of the signalized intersection of Palmetto Park Road and NE/SE 5th Avenue. Workshop participants were asked to provide information and feedback regarding the needs and wants for this intersection and what issues might have been affecting them as adjacent residents and property owners. This briefing book is a summary of some of the key issues and concerns

identified at the public workshop. These initial issues and concerns along with potential alternatives and recommendations are outlined herein for further vetting and discussion by the City.

THE ISSUES AND CONCERNS

A SUMMARY OF THE IDENTIFIED ISSUES AND CONCERNS FROM THE PARTICIPANTS ARE PROVIDED BELOW:

1) Operational comments:

- Trattoria Romana misuse of parking, loading, valet operations impeding the road and adjacent sidewalk



- General safety and speeding on both 5th and Palmetto Park Rd / Reduce speeds on 5th Ave
- Emergency vehicle response time, hurricane evacuation routes, increase beach access
- Future downtown development management control / Moratorium on all new development until this is resolved
- Request for Peak Season Traffic Counts
- Evaluate Sight distance at intersection
- Publix opening at 5th Avenue Shoppes may cause more cut-thru traffic
- Request for park / green space and no restaurant at Wildflower
- Request no U-turn for trucks

2) Right of Way configuration comments:

- Widen and/or add sidewalks and add bike lanes
- Add dedicated right turn and a Left/Thru lane from NE 5th to Palmetto
- Eminent Domain of SE corner of 5th Ave at Palmetto to improve turn lane from westbound Palmetto Park Rd to northbound NE 5th Ave
- Add more green space
- Bridge sidewalk is too narrow
- Add eastbound left turn lane from Palmetto Park Rd into Archstone property
- Block NE 5th Ave from cut thru traffic only allowing Boca Raton Road to exit onto NE 5th Ave
- NE 5th Ave one-way road with generous bike lanes
- Replace bridge with taller structure that would not require opening
- Widen lanes on Palmetto Park Rd
- Improve intersection radius
- Close driveway at NW corner that is too close to intersection (believe this was a reference to Trattoria Romana)
- Route N/S traffic under bridge so light at 5th can be eliminated with only traffic flowing E/W
- Golden Harbor HOA is opposed to widening all of 5th Ave
- Keep NE 5th available for cut thru to avoid having to drive on Palmetto Park Rd (congestion)
- Boat trailer traffic on Royal Palm Road to Silver Palm Park – improve access
- Steve Alley's Plan
- Traffic impacts to NE 2nd Street
- 5th Avenue alignment with Palmetto Park Rd needs to be addressed
- East / West traffic flow on Palmetto needs to improve for beach access
- No widening of NE 5th Ave
- Add medians to NE 5th Ave
- 70' R/W on Palmetto:
 - Two 10' lanes eastbound (20')
 - Three 10' lanes westbound (30')
 - Two 6' sidewalks & curb (14')
 - Median (6')
 - Total = 70'
- Add turn lanes back in on Palmetto Park Rd for NE 5th Avenue

