Palm Beach MPO Advisory Committees

Bike & Ped Count

Palm Beach MPO Advisory Committees
May 2016
PROJECT TIMELINE

- March 2015: Obtained $20K FHWA Pilot Grant
- April-Oct 2015: Identified Counter Locations
- October 2015: Purchased 2 Counter Sets (6 each, 12 total)
- November 2015: Deployed Counters
- April 2016: Conclude Pilot, Summarize and Report Preliminary Findings
PURPOSE & GOALS

Short term

• Analyze traffic patterns
• Identify deficiencies in transportation system
• Expand data collection system

Mid term

• Evaluate impact of projects
• Inform future design, planning, prioritization, and maintenance decisions

Long term
HOW IS DATA CAPTURED?

City: Delray Beach, FL
Location: East Atlantic Ave, near NE 3rd Ave

City: West Palm Beach, FL
Location: South Rosemary Ave, near Okeechobee Blvd
BIKE COUNT ACTIVITY
North County

- 36 stations counted to date
  - Weekly (30)
  - Monthly (6)
BIKE COUNT ACTIVITY
South County

Total Hits: 5,041
Total Days Counted: 456
Daily Average: 11.05
# Highest Average Cyclist Activity

<table>
<thead>
<tr>
<th>Rank</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<tr>
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<td>Station ID</td>
<td>Jurisdiction</td>
<td>Peak Day</td>
<td>Date</td>
<td>AM Peak</td>
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<tr>
<td>1</td>
<td>207.4B</td>
<td>West Palm Beach</td>
<td>Saturday</td>
<td>12/12/2015</td>
<td>9:00</td>
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<td>2</td>
<td>402.4B</td>
<td>Boynton Beach</td>
<td>Thursday</td>
<td>2/11/2016</td>
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<td>3</td>
<td>307.1B</td>
<td>Lake Worth</td>
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<td>11/12/2015</td>
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<td>4</td>
<td>102.3B</td>
<td>Jupiter</td>
<td>Sunday</td>
<td>1/10/2016</td>
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<td>5</td>
<td>412.2B</td>
<td>Boca Raton</td>
<td>Monday</td>
<td>3/1/2016</td>
<td>Both 6 &amp; 7</td>
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PED COUNT ACTIVITY
North County

- 32 stations counted to date
  - Weekly (26)
  - Monthly (6)
PED COUNT ACTIVITY
South County

Total Hits: 61,440
Total Days Counted: 427
Daily Average: 143.89
# Highest Average Pedestrian Activity

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<td>106.1P</td>
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<tr>
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<td>Juno Beach</td>
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<td>Peak Day</td>
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<td>Tuesday</td>
<td>Thursday</td>
<td>Sunday</td>
<td>Saturday</td>
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<tr>
<td>AM Peak</td>
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<td>Site Total</td>
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<td>708</td>
<td>19</td>
<td>611</td>
<td>392</td>
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VARIATION BY AREA TYPE

Daily Pedestrian Averages by Area Type

Daily Bike Averages by Area Type

Area Type by Zoning Designation

Recreational Ridership Locations
Preservation / Conservation District (PC)

Major Commercial / Office Centers
Commercial High Office District (CHO)
General Commercial District (CG)

Minor Commercial Centers
Commercial Low Office District (CLO)
Neighborhood Commercial District (NCD)
Community Commercial District (CC)
Commercial Recreational District (CRE)
Infill Redevelopment District (IR)

Schools / Colleges / Universities
Institutional and Public Facilities District (IPF)
Public Ownership District (PO)

Residential
Agriculture Residential District (AR)
Residential Estate District (RE)
Residential Transitional District (RT)
Single Family Residential District (RS)
Multifamily Residential District (RM)
NEXT STEPS

- Count remaining identified locations
- Manually verify counts to confirm accuracy
- Audit program for inconsistencies and improvements

MAJOR TAKEWAY

- Consider the amount of error introduced in the process
Questions, Concerns, Insights?

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