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: West Palm Beach, FL
Location: South Rosemary Ave, near Okeechobee Blvd

City: Delray Beach, FL
Location: East Atlantic Ave, near NE 3rd Ave
BIKE COUNT ACTIVITY
North County

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

Total Hits | Total Days Counted | Daily Average
---|---|---
5,041 | 456 | 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>
<td></td>
<td>Station ID</td>
<td>Jurisdiction</td>
<td>Date</td>
<td>AM Peak</td>
<td>Count</td>
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<tr>
<td></td>
<td>207.4B</td>
<td>West Palm Beach</td>
<td>12/12/2015</td>
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<td></td>
<td>402.4B</td>
<td>Boynton Beach</td>
<td>2/11/2016</td>
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<td>307.1B</td>
<td>Lake Worth</td>
<td>11/12/2015</td>
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<td>102.3B</td>
<td>Jupiter</td>
<td>1/10/2016</td>
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<td>412.2B</td>
<td>Boca Raton</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 | Total Days Counted | Daily Average
-----------|-------------------|------------
61,440     | 427               | 143.89
# Highest Average Pedestrian Activity

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<th>Date</th>
<th>AM Peak</th>
<th>Count</th>
<th>PM Peak</th>
<th>Count</th>
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<tr>
<td>1</td>
<td>412.1P</td>
<td>Boca Raton</td>
<td>Sunday</td>
<td>2/7/2016</td>
<td>8:00</td>
<td>142</td>
<td>10:00</td>
<td>109</td>
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<td>2</td>
<td>106.1P</td>
<td>Juno Beach</td>
<td>Tuesday</td>
<td>1/26/2016</td>
<td>10:00</td>
<td>95</td>
<td>1:00</td>
<td>27</td>
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<td>11/12/2015</td>
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<td>19</td>
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VARIATION BY AREA TYPE

**Daily Pedestrian Averages by Area Type**

- Recreational
- Major Commercial
- Minor Commercial
- Schools
- Residential

**Daily Bike Averages by Area Type**

- Recreational
- Major Commercial
- Minor Commercial
- Schools
- Residential

**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