PROJECT TIMELINE

March 2015
- Obtained $20K FHWA Pilot Grant

April-Oct 2015
- Identified Counter Locations

October 2015
- Purchased 6 Bike and 6 Ped Counters

November 2015
- Deployed Counters with help of PBC Eng.

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

Long term
• Evaluate impact of projects
• Inform future design, planning, prioritization, and maintenance decisions
HOW IS DATA CAPTURED?

Bike Counters

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

Ped Counters

City: Palm Beach Gardens, FL
Location: Kew Gardens Rd, near Gardens Pkwy
WHERE IS DATA CAPTURED?

**Daily Bike Averages by Area Type**

- **Recreational:** 2
- **Major Commercial:** 19
- **Minor Commercial:** 4
- **Schools:** 15
- **Residential:** 12

**Daily Pedestrian Averages by Area Type**

- **Recreational:** 110
- **Major Commercial:** 160
- **Minor Commercial:** 70
- **Schools:** 250
- **Residential:** 60

**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)
BIKE COUNT ACTIVITY
North County
BIKE COUNT
ACTIVITY
South County
PED COUNT ACTIVITY
North County

LEGEND
Daily Pedestrian Count Averages

- 1 - 50
- 51 - 75
- 76 - 125
- 126 - 225
- 226 - 450

Rocks:
- Limited Access
- Arterial
- Collector
- County Boundary
- Water

Lake Okeechobee

Glades Inset
LEGEND

Daily Pedestrian Count Averages

- 1 - 50
- 51 - 75
- 76 - 125
- 126 - 225
- 226 - 450

Roads
- Limited Access
- Arterial
- Collector
- County Boundary
- Water

PED COUNT ACTIVITY
South County
MAJOR TAKEWAYS
- Deployment matters
- Data management can be difficult

NEXT STEPS
- Count remaining identified locations
- Manually verify counts to confirm accuracy and mode split
- Audit program for inconsistencies and improvements
Questions, Concerns, Insights?

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