BICYCLE & PEDESTRIAN MASTER PLANS

• System-wide plans
  o Network approach to implementing Complete Streets and re-balancing the transportation system

• Physical improvements
  o Bike lanes, pedestrian crossings, sidewalks, etc.

• Program/policy actions
  o Zoning/ordinance modifications, education, enforcement, etc.
BICYCLE & PEDESTRIAN MASTER PLANS

• Comprehensive and multi-modal approach:
  o Bicycle/pedestrian safety and access;
  o Traffic circulation, transit access, parking;
  o Urban design/place-making

• Keys to successful implementation:
  o Work closely with key stakeholders to develop plan
  o Develop graphics that clearly convey the recommendations
  o Develop concepts in enough detail to carry forward
  o Identify “immediate action” items
  o Develop plan with an eye towards grant applications
CASE STUDY: RED BANK, NJ - 2010

- Borough of Red Bank
  - 1.75 square miles
  - 12,200 residents
  - Compact, walkable downtown
  - “Red Bank Safe Routes” - need for safer bike/ped environment
  - Adopted CS Policy in 2010
PEDESTRIAN NETWORK PLAN
**Progress To-Date**

- **Bike Lanes**
  - Bridge Street

- **Sharrows**
  - Chestnut Street
  - Peters Place
  - Bergen Place *

- **Multi-use Path**
  - Locust Place *

- **Wider Sidewalks**

* under design
Case Study: Red Bank, NJ - 2010

• Keys to success:
  o Wide-spread knowledge and participation – strong local advocacy for SRTS
  o Adopting Bike/Ped Plan into Master Plan (2011)
  o Realistic implementation strategy
  o Partnering with Monmouth County
Case Study: Northfield, NJ – 2015

- City of Northfield
  - 3.5 square miles
  - 8,000 residents
  - "Gateway to Shore"
  - Develop bike/ped network to connect key destinations

- Key Activity Generators:
  - Northfield Bike Path
  - Northfield Community School
  - Commercial Areas
Case Study: Northfield, NJ – 2015

Bicycle Plan
• Bike Lanes / Shared Roads
• Multi-Use Paths

Pedestrian Plan
• Road Crossings
• Sidewalk Connections

Focus Area Plans
• Integrated Concept Plans
• Traffic, Transit, Parking
Tilton Road Commercial Center

- Commercial corridor
- Posted speed = 35 mph
- ADT ~ 13,000 vpd
- Narrow (2’) shoulders
- Uncontrolled access
- Missing sidewalks
A. **Driveway Width (215-92):**
   (Commercial and Industrial)
   
   **Current Code**
   - One-way: Min (30'), Max (34')
   - Two-way: Min (30'), Max (46')

   **Recommended Change**
   - One-way: Min (10'), Max (15')
   - Two-way: Min (20'), Max (30')

B. **Sidewalk Width (215-112):**
   - Increase minimum width from 4’ to 5’

C. **Complete Streets Policy**

D. **Bicycle Parking Ordinance**
CASE STUDY: NORTHFIELD, NJ – 2015

• **Current implementation actions:**

  o Pursuing grants for Bike Path recommendations

  o Exploring sidewalk alternatives for Cedar Bridge Road

  o Working to adopt Bike/Ped Plan into Master Plan and develop a Complete Streets policy
• **Purpose:**
  - Evaluate CS projects
  - Communicate successes

• **Bridge Replacement Project**
  - Completed in 2012 by NJDOT
  - New Visitors Center and Scenic Overlook area
  - Included a 10’ wide paved shared-use path
Route 52 Bridge Replacement
• Installed by NJDOT in July 2014

• Bi-directional counts of bicycles and pedestrians

• Passive infrared detection to capture all users

• ZELT inductive loops to classify bicyclists
Total Trail Users (July 26, 2014 - October 6, 2015)

<table>
<thead>
<tr>
<th>Month</th>
<th>Average High Temp</th>
<th>Average Users Per Day</th>
<th>Total Users</th>
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<td>Jul 2014</td>
<td>82</td>
<td>1,682</td>
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<td>All</td>
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<td>601</td>
<td>263,427</td>
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Average High Temperature: 66°F
Average Number of Trail Users: 601
Total Trail Users: 263,427
Bike: 99,971 Ped: 163,456
### Trail Usage – By Month

**September 2015**

- **Average High Temperature:** 82°F
- **Average Number of Trail Users:** 750
- **Total Trail Users:** 22,505
  - Bike: 8,647
  - Ped: 13,858

**Trail Usage Chart**

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**Legend:**
- Weekday
- Weekend

**Note:** Weather conditions for each day are indicated as follows:
- **Fog**
- **Rain**
- **80°F Rain**
- **82°F Rain**
- **79°F Rain**
- **84 Rain**

Source: Weather Underground (Pearl City Airport)
Comparison with Regional Trails

DVRPC Counts - Average Daily Totals (July 25 - October 31)

Ocean City (ADT - Period) 883
Ocean City (ADT - August) 1432
• Important Complete Streets investment

  o Provides recreational opportunities in a natural setting

  o Promotes an active/healthy lifestyle

  o Enhances community livability & tourism opportunities

  o People are using it in large numbers!