Old Colony Bikeway

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Project Overview

- **Project Objectives**
  - Connections to Existing Paths
    - South Bay Harbor Trail
    - Boston Harbor Walk
    - Neponset River Greenway
  - Safety, Separation, and Comfort
  - Appealing to All Users
    - Commuters
    - Recreational Cyclist
  - Sensitive to On-Site Constraints

- **2.3 Miles Long**
- **Varying Land Use**
  - Residential
    - Preble Street
  - Industrial
    - Southampton Street
    - Morrissey Boulevard
  - Recreational
    - Old Colony Avenue

Preble Street Rotary/Roundabout

- **Existing Layout (Rotary)**
  - Unconventional Geometry
    - Wide Diameter
      - 180 Foot Diameter Island
      - 280’ Inscribed Diameter
      - Encourages Higher Speeds
  - No deflection for Old Colony Ave. Southbound Traffic
  - Difficult Pedestrian & Cyclist Crossings

- **Proposed Layout (Modern Roundabout)**
  - European Style Roundabout
  - Geometry
    - Small Diameter
      - 30 Foot Diameter Raised Island
      - 78 Foot Diameter Mountable Area
      - 2 – 13 Foot Circulating Travel Lanes
    - Slower, Safer Speeds
    - Deflection for all approaches treated equally

Cycle Track

- Highly Adaptable to Different Land Uses
- Supports Two-way Flows with Less Width Than Two Bike Lanes
  - 4’ Min. Width Standard for Two One-way Bike Lanes
  - 3.5’ Min. Width Standard for One Direction of Cycle Track

- At Grade with Sidewalk
- Residential
- Bus Stops Locations