

Transportation Planning Update

**Planning & Development
Department**

**Zain Adam
Sr. Transportation Planner**



CLEARWATER
BRIGHT AND BEAUTIFUL • BAY TO BEACH



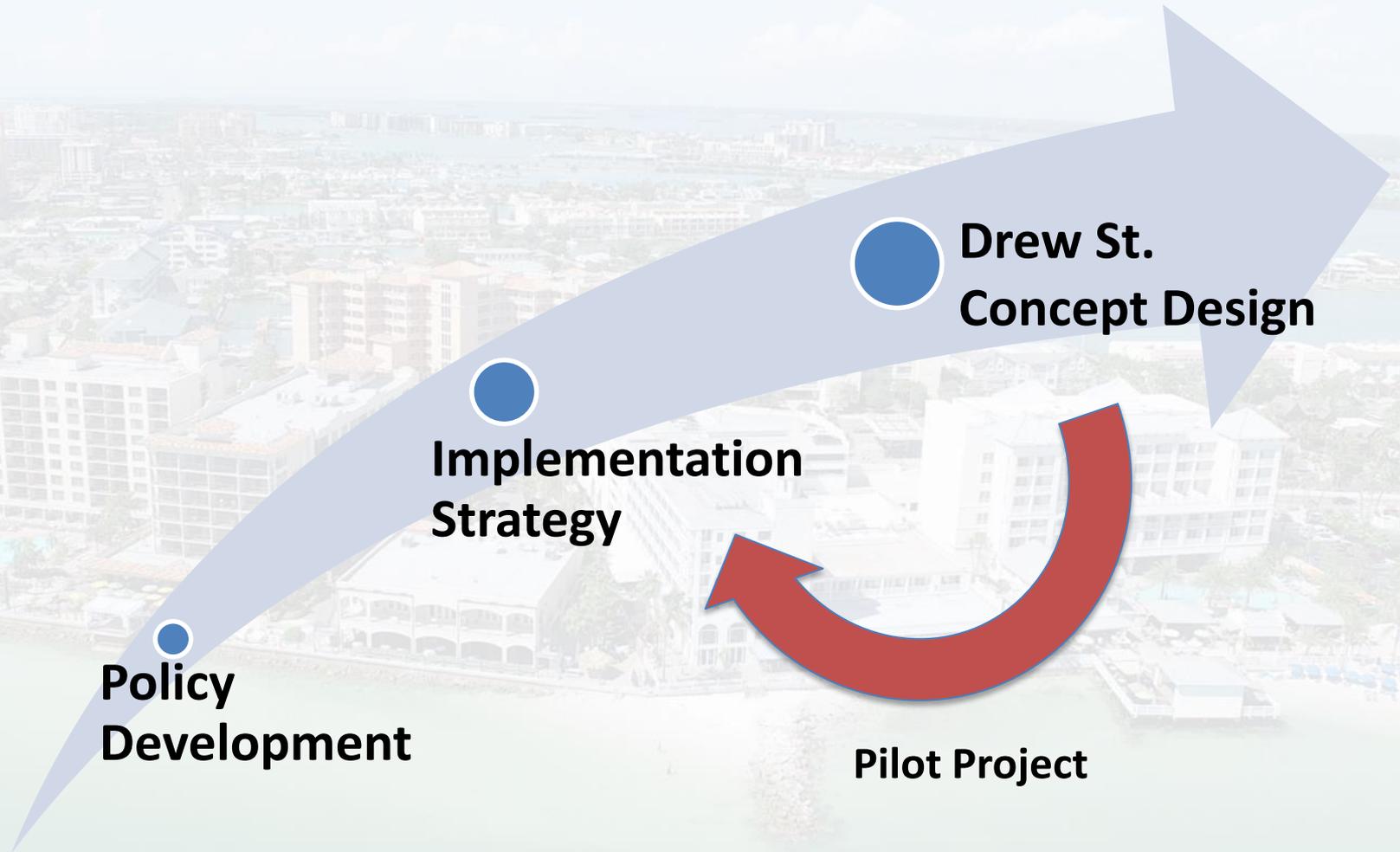
OUTLINE

- 1 Complete Streets Plan**
- 2 Bicycle Friendly Community**
- 3 Bicycle & Pedestrian Master Plan**
- 4 Other Projects**

COMPLETE STREETS



Complete Streets Strategy



Complete Streets Strategy Elements

Complete Streets Policy

“Complete Streets refers to roadway design and operating practices intended to safely accommodate all travel modes’ users”



Complete Streets Strategy Elements

Complete Streets Policy Elements

- [Vision](#)
- [Jurisdictional](#)
- Network Integration
- Design Standards & Guidelines
- Context Sensitivity
- Performance Measures



Complete Streets Strategy Elements

Citywide Implementation Plan Development

- Public Outreach & Engagement
- Data Collection & Inventory
- Baseline Assessment



Complete Streets Strategy Elements

Citywide Implementation Plan Development

- Projects Prioritization & Delivery
- Design Standards
- Performance Metrics
- Implementation Plan Actions



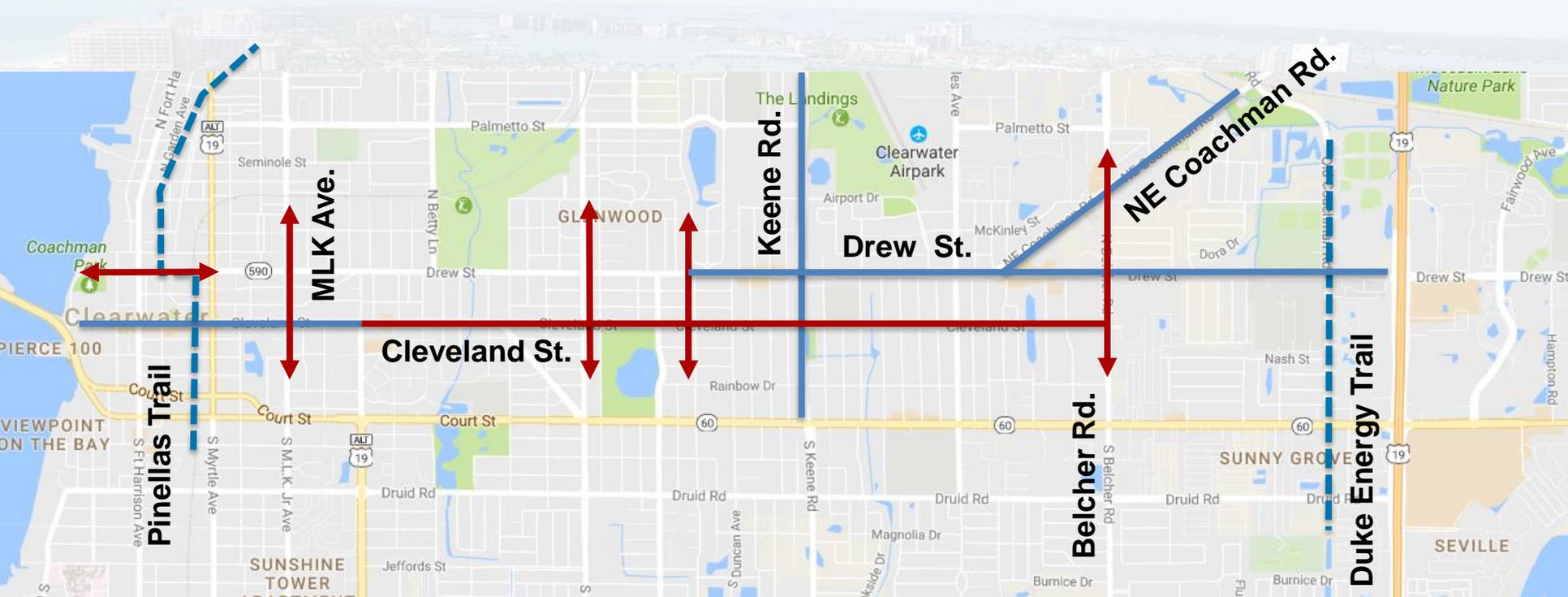
Pilot Project: Drew Street

Project Facts

- Project Fund: **50K (Forward Pinellas)** + **50K** City Match
- Project Starting Date: **Sumer 2017**
- Project Objective: Develop Complete Streets Concept Plan
- Complement **SR 60** Multimodal Implementation Strategies Project (**Forward Pinellas**) – **August 2017**



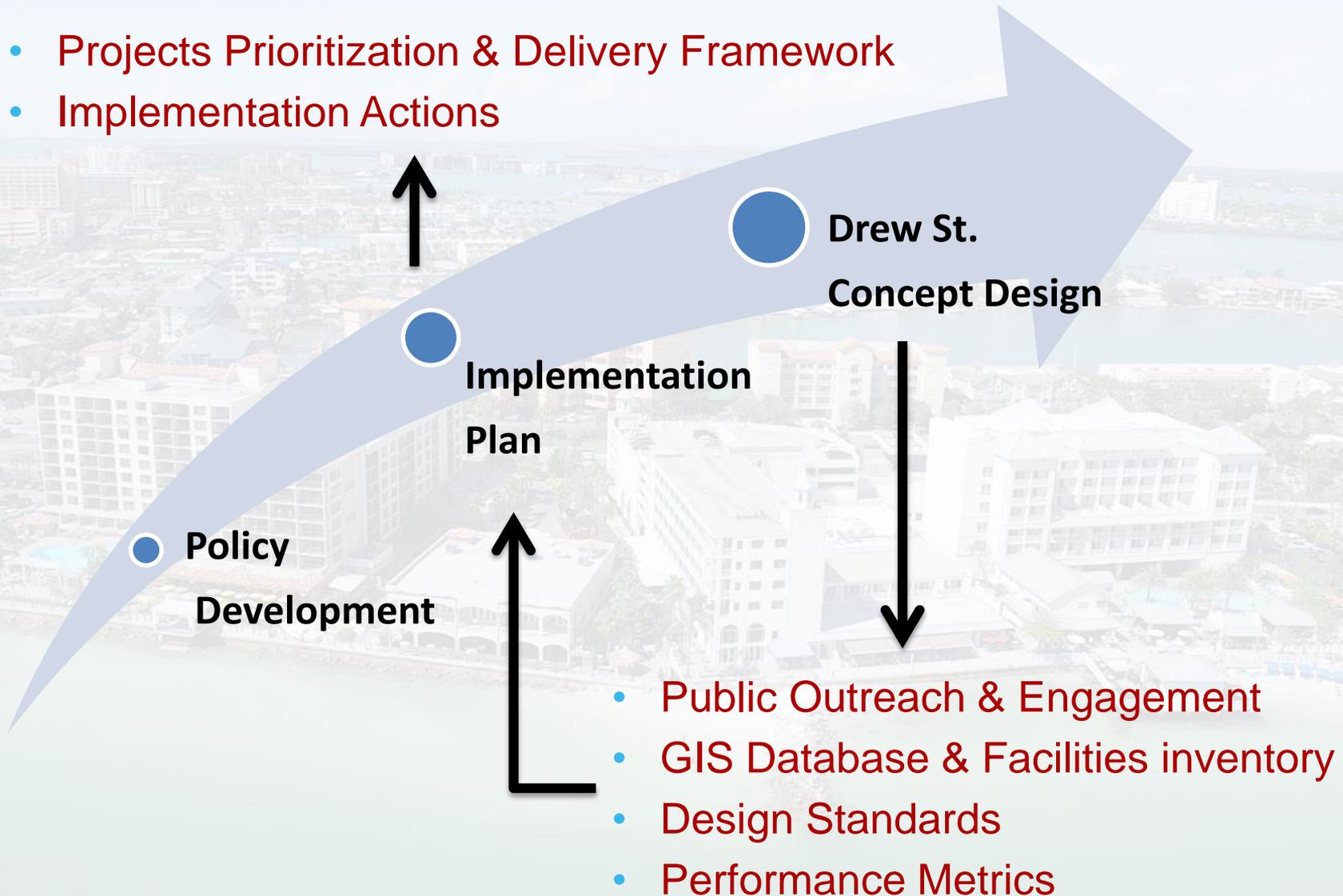
Drew Street: Bike Network



-  Existing
-  Opportunity

Pilot Project Informs Implementation Plan

- Projects Prioritization & Delivery Framework
- Implementation Actions



Bicycle Friendly Community



Bicycle Friendly Community

“BFC program provides a roadmap to improve conditions for bicycling and the guidance to create bike-able communities”

The League of American Bicyclists

Bicycle Friendly Community

Florida's BFC Facts

- Florida Ranked **24** in US
- **21** BFC in Florida
 - **4** Silver
 - **17** Bronze
 - No Diamond, Platinum, nor Gold



BFC in Tampa Bay Area

- City of St. Petersburg (Bronze)
- City of Tampa (Bronze)

Engineering Attributes

- Complete Streets Policy
- Total Bicycle Network Mileage to Total Road Network Mileage %
- Arterial Streets with Bike Lanes %
- Bike Access to Public Transportation
- Bike Facilities Design Standards

Evaluation Attributes

- Current Bike Plan Being Implemented (Implementation Plan)
- Staff Bike Program Coordinator

Education Attributes

- Public Education & Outreach
- Schools Offer Bicycling Education %
- Annual Adult Bicycling Skills Classes

Enforcement Attributes

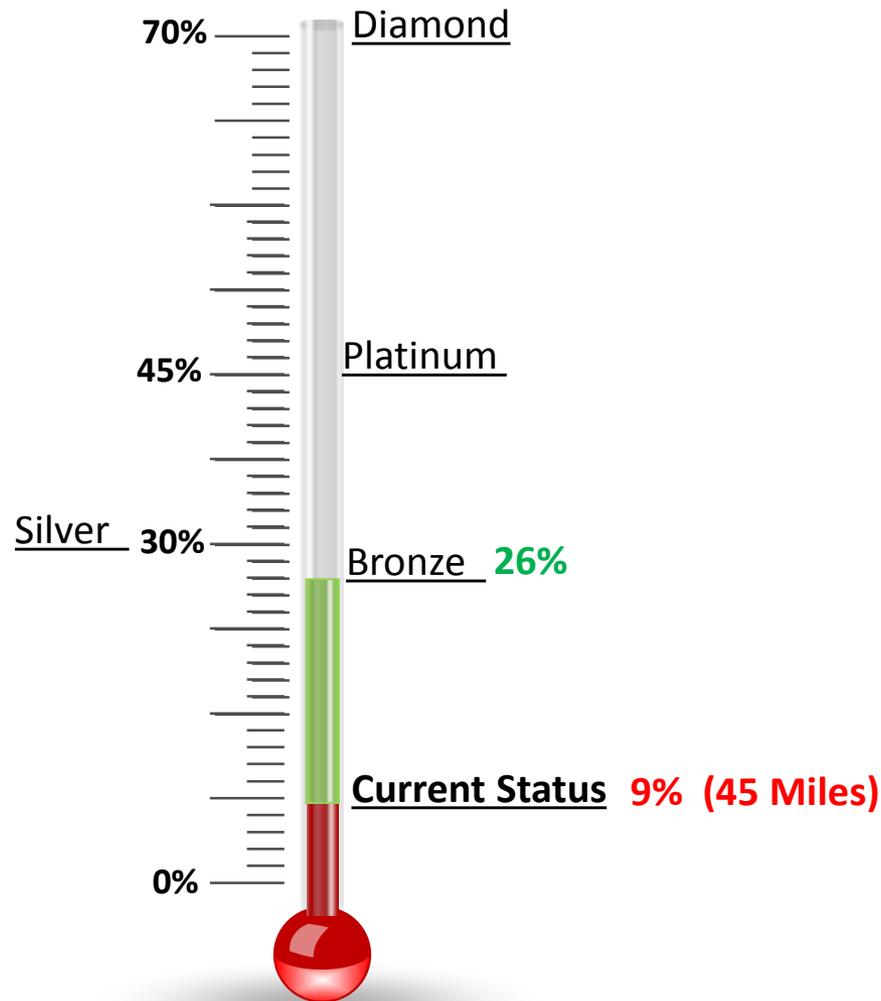
- Bicycle-friendly Laws & Ordinances
- Law Enforcement/ Bicycling Liaison

Encouragement Attributes

- Bike Month, Bike To Work Day & Bike to School Day
- Tourism Board/Local Chamber of Commerce Promotes Bicycling
- Local Colleges Promote Bicycling
- Bike Clubs
- Local Bike Map Available for Different Skill Levels

BFC Engineering Attribute

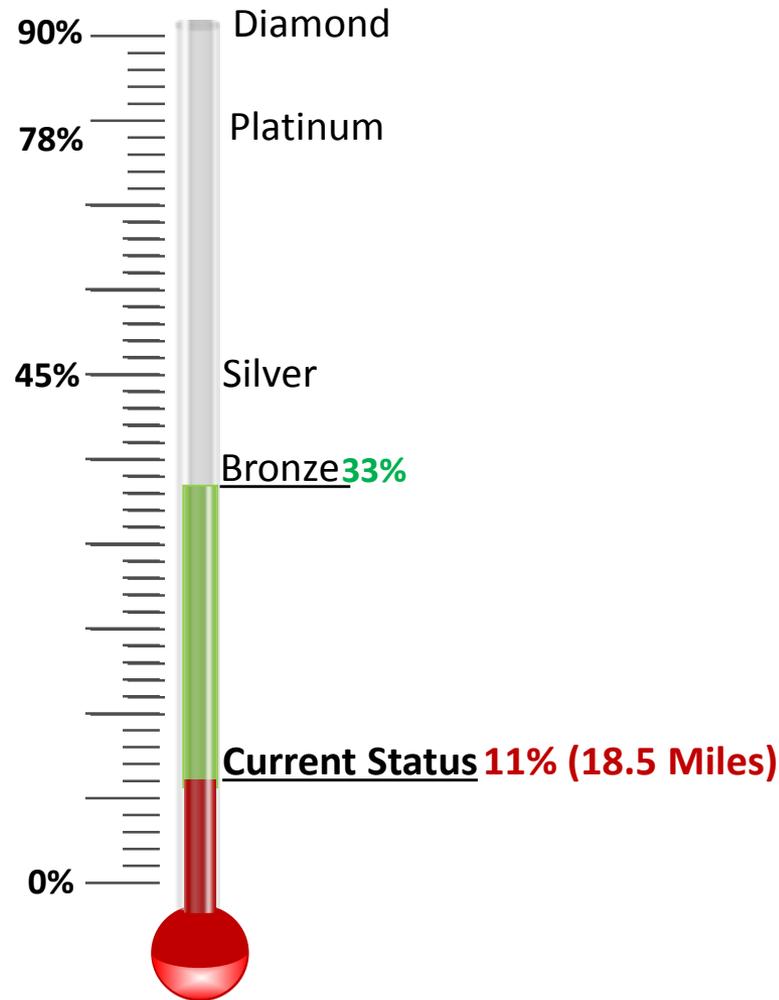
Bike Facilities/Total Mileage %



Need Additional **86** Miles of Bike Facilities to Reach Bronze **CITY OF CLEARWATER** | 19

BFC Engineering Attribute

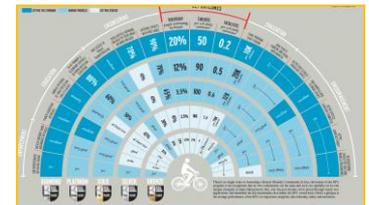
Bike-lane on Arterials %



Need Additional 40 Miles of bike-lane to Reach Bronze

Key Outcomes

- Ridership Rate – at least 1.2%
- Bike Crash Rate – not more than 370 per 10K Commuter
- Bicyclist Fatalities Rate – not more than 4 per 10K commuter



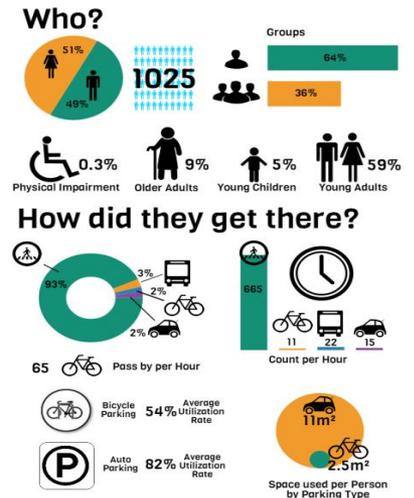
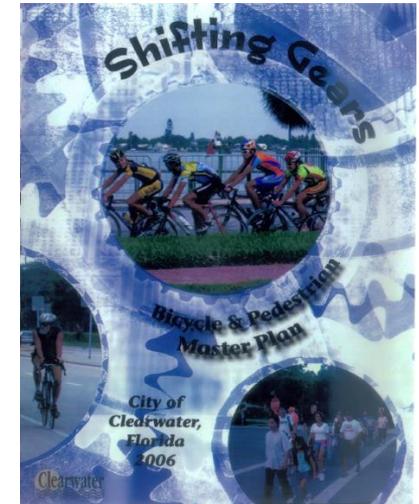
Updating Bicycle & Pedestrian Master Plan

Baseline

- Assess 2006 Master Plan Implementation Plan Effectiveness
- Develop Bike/Ped. Facilities Inventory System
- Develop Projects Status List

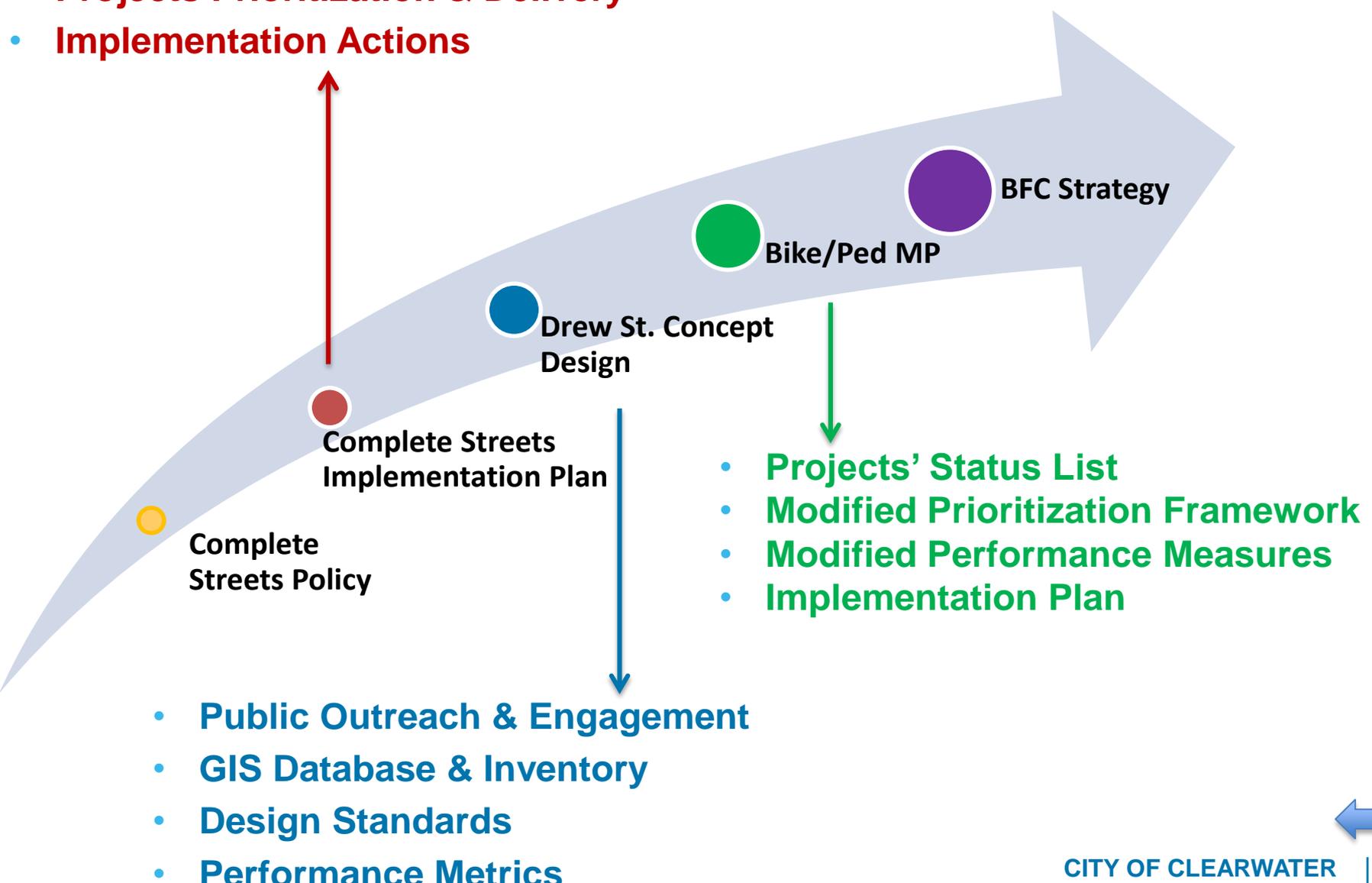
Going Forward

- Re-define Vision, Goals & Objectives
- Develop Projects Prioritization & Implementation Framework
 - **Connectivity, Safety, Demand & Equity**
- Develop Performance Measurement Metrics



Roadmap

- **Projects Prioritization & Delivery**
- **Implementation Actions**

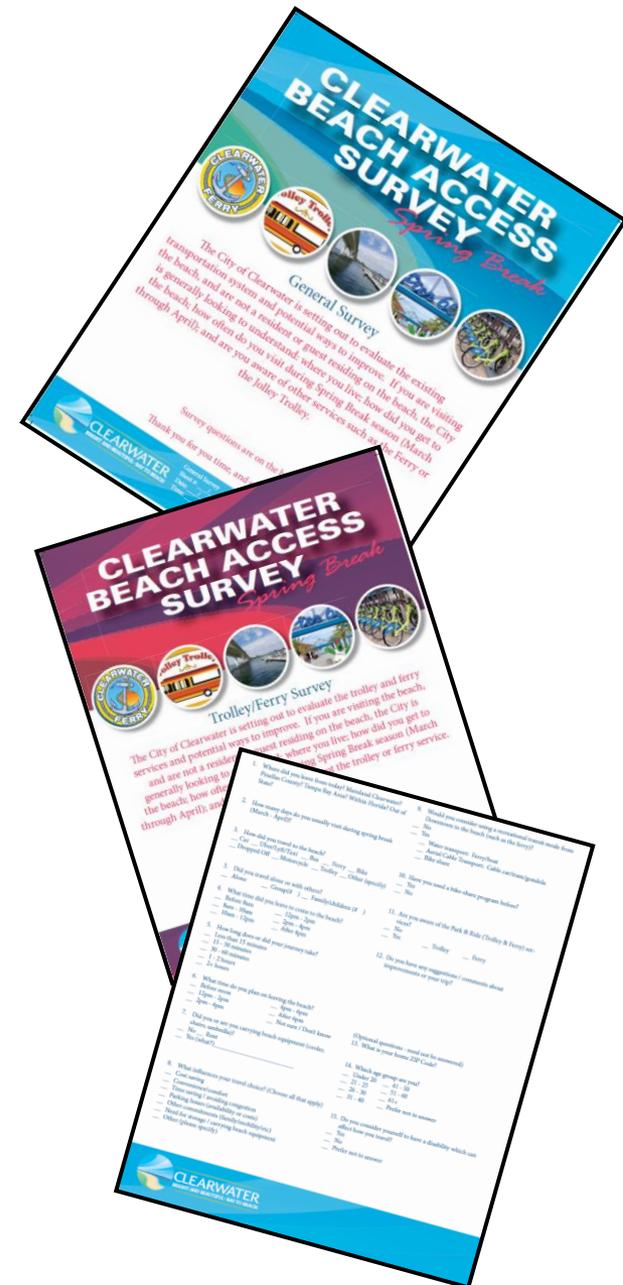


OTHER PROJECTS



BEACH ACCESS SURVEY

- Surveyed: Day-Tripper & Transit Riders
- Sample Size : > 300
- Survey Period: March 23rd - April 30th
- Survey Objectives:
 - Identify Beach Trips Characteristics
 - Assess Visitors' Likelihood to Change Modes
 - Assess Existing Systems' Performance:
 - Park & Ride Program
 - Ferry Service
 - Parking
 - Roadway



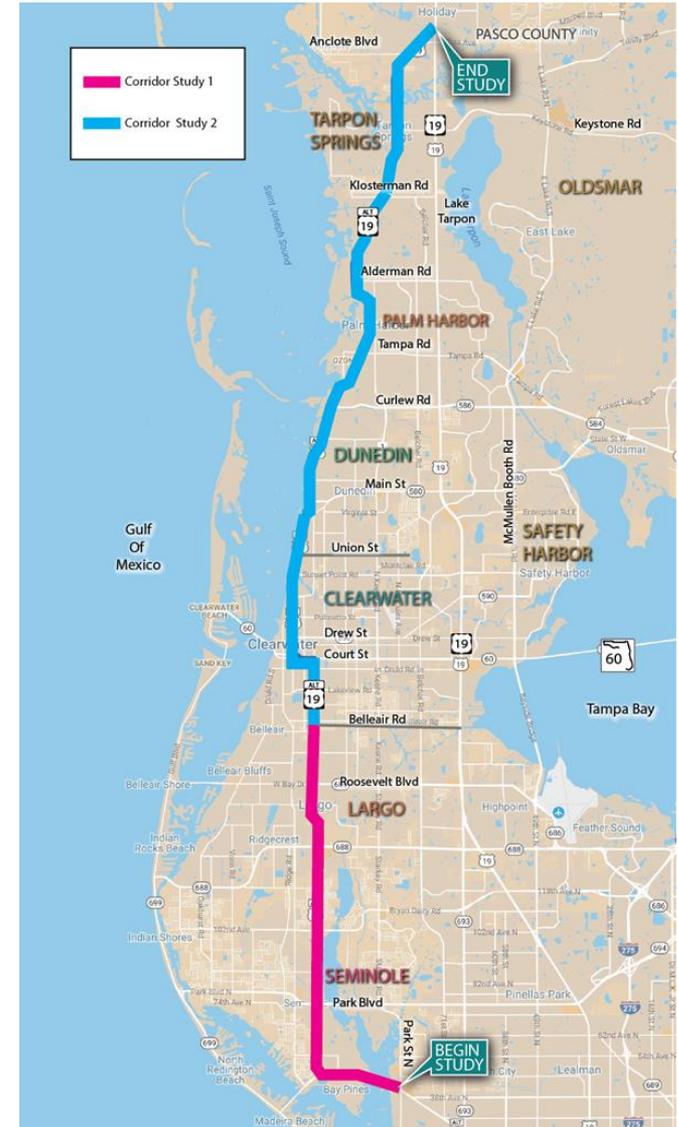
OTHER AGENCY PROJECTS COORDINATION

- Pedestrian Overpasses (FDOT)
 - Gulf to Bay Blvd. & Bayshore Blvd.
 - US-19 & Harn Blvd.



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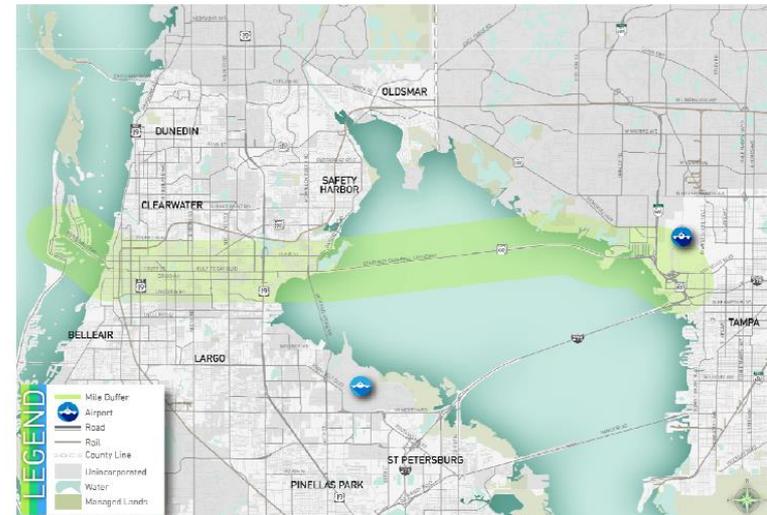
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- SR-60 Corridor Multimodal Study (Forward Pinellas)

Study Area



FORWARD
PINELLAS

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- SR-60 Corridor Multimodal Study (Forward Pinellas)
- Belcher Rd. & Gulf to Bay Intersection (Pinellas County)

Belcher Road (CR 501) & Gulf to Bay Boulevard (SR 60)

Pinellas County, Florida

Project # 002540A

Prepared For:



Prepared By:

AVRES
ASSOCIATES
8875 Hidden River Parkway,
Suite 200
Tampa, Florida 33637

May 2016



Google earth

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- ALT US-19 Corridor Study (FDOT)
- SR-60 Corridor Multimodal Study (Forward Pinellas)
- Belcher & Gulf to Bay Intersection (Pinellas County)
- PSTA Projects:
 - Clearwater Beach Transit Station
 - Clearwater Beach to TIA Express
 - Clearwater Intermodal Center (Downtown)



THANKS

Vision



Preliminary BFC Assessment

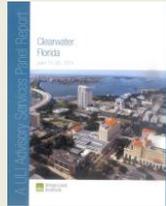
Category	BFC Attributes	Current Status				
Engineering	Total Bicycle Network Mileage to Total Road Network Mileage	Yellow	Yellow	Grey	Grey	Grey
	Arterial Streets with Bike Lanes	Yellow	Yellow	Grey	Grey	Grey
	Bike access to Public Transportation	Green	Green	Green	Grey	Grey
Education	Public Education Outreach	Red	Grey	Grey	Grey	Grey
	% of Schools offering Bicycling Education	Grey	Grey	Grey	Grey	Grey
	Annual offering of Adult Bicycling skills classes	Grey	Grey	Grey	Grey	Grey
Enforcement	Bicycle-Friendly Laws & Ordinances	Red	Grey	Grey	Grey	Grey
	Law enforcement/ bicycling liaison	Yellow	Yellow	Grey	Grey	Grey
Evaluation	Bike Plan is current and is being implemented	Yellow	Yellow	Grey	Grey	Grey
	Bike Program Staff to Population (110 K people)	Red	Grey	Grey	Grey	Grey
Outcomes	Ridership	Yellow	Yellow	Grey	Grey	Grey
	Crashes (2011-2016) (6 years)	Red	Grey	Grey	Grey	Grey
	Fatalities (2011-2016) (6 years)	Red	Grey	Grey	Grey	Grey

JURISDICTIONAL COORDINATION

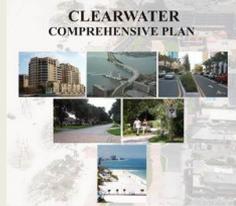


RELEVANT POLICIES & PLANNING STUDIES CONTEXT

Vision



A New Vision for Downtown 2014



Clearwater Comprehensive Plan 2013



Strategic Intermodal System FDOT 2016

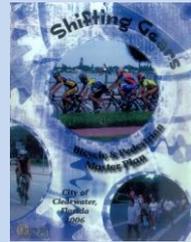


Transportation Plan Vision Element FDOT 2015

Previous Plan



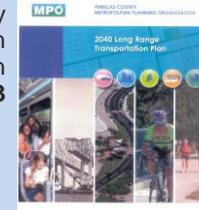
City of Clearwater Park & Recreation Master Plan 2013



City of Clearwater Shifting Gears 2006

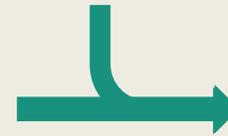
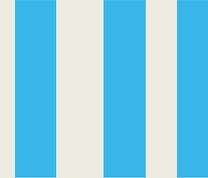


Pinellas County Bicycle Pedestrian Master Plan 2013



2040 Long Range Transportation Plan Forward Pinellas 2014

Transport Plan



Std. Guidelines

