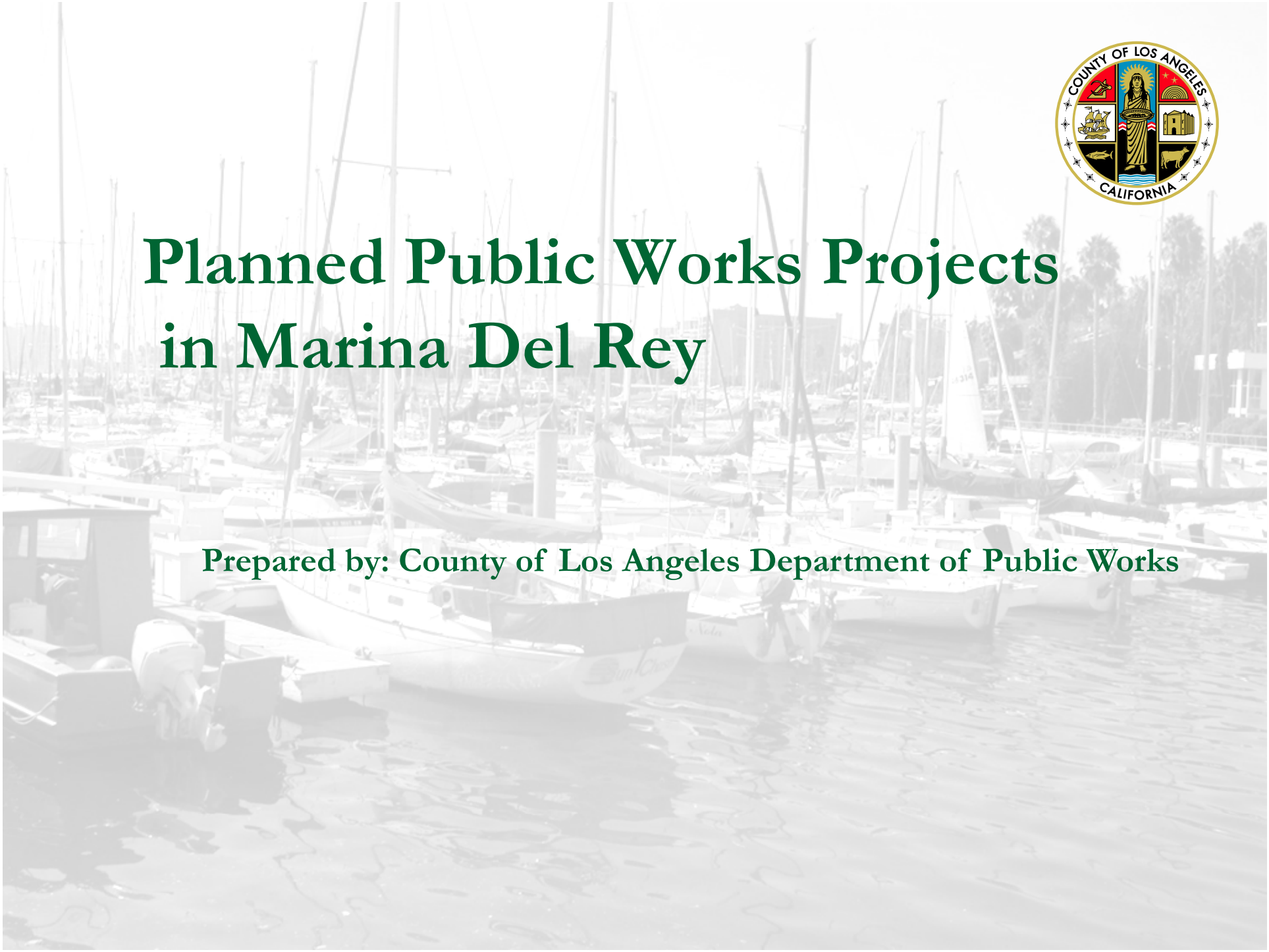


Planned Public Works Projects in Marina Del Rey

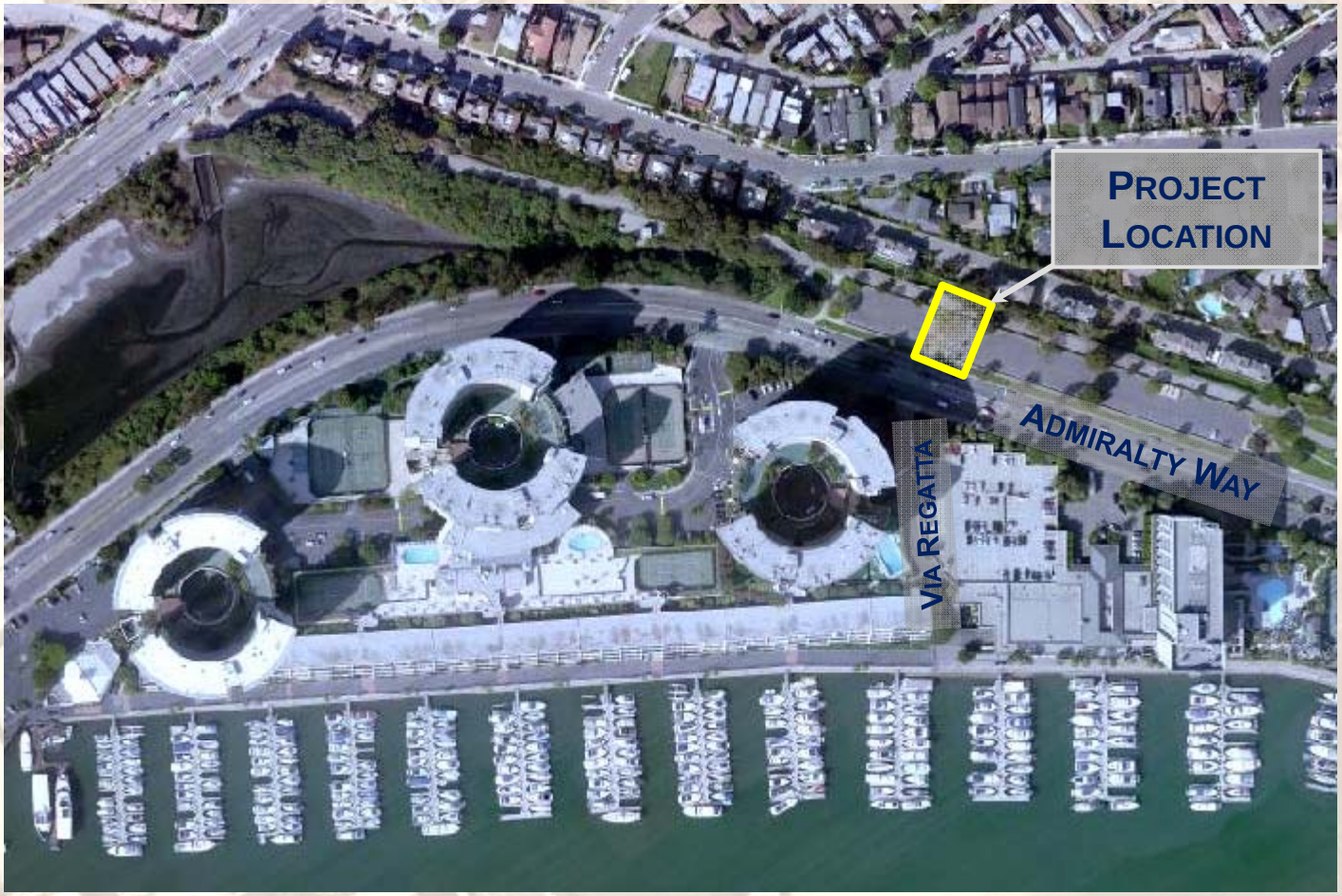
Prepared by: County of Los Angeles Department of Public Works

Planned Projects in Marina Del Rey

- **Sewer Project**
  - Sewer Odor Control
  - Sewer Manhole Lining – Phase III
- **Waterline Projects**
  - Phase II
  - Phase III
- **Roadway Projects**
  - Admiralty Way Intersections Improvement
  - Admiralty Way Settlement Repair
  - Admiralty Way at Via Marina
- **Bikeway Project**
  - Fiji Way Bike Lane
- **Flood Control Project**
  - Oxford Retention Basin Enhancement Project

Marina Del Rey Projects Overview

Admiralty Way Sewer Odor Control

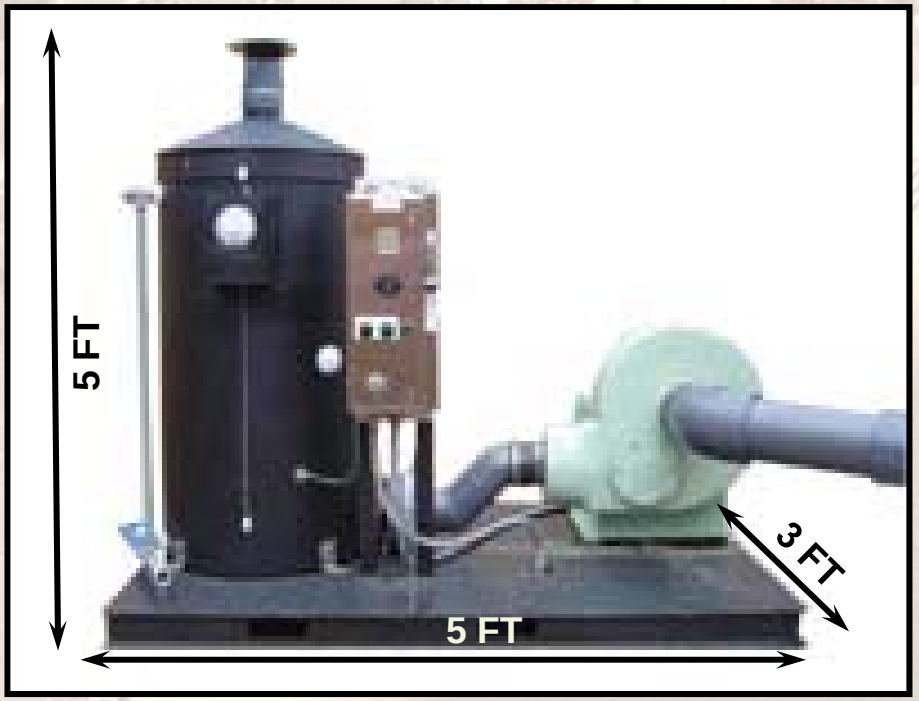


Purpose:

- To control odors from a force main outlet manhole with the installation of a sanitary sewer air scrubber in the parking lot north of Admiralty Way and Via Regatta.

Scope:

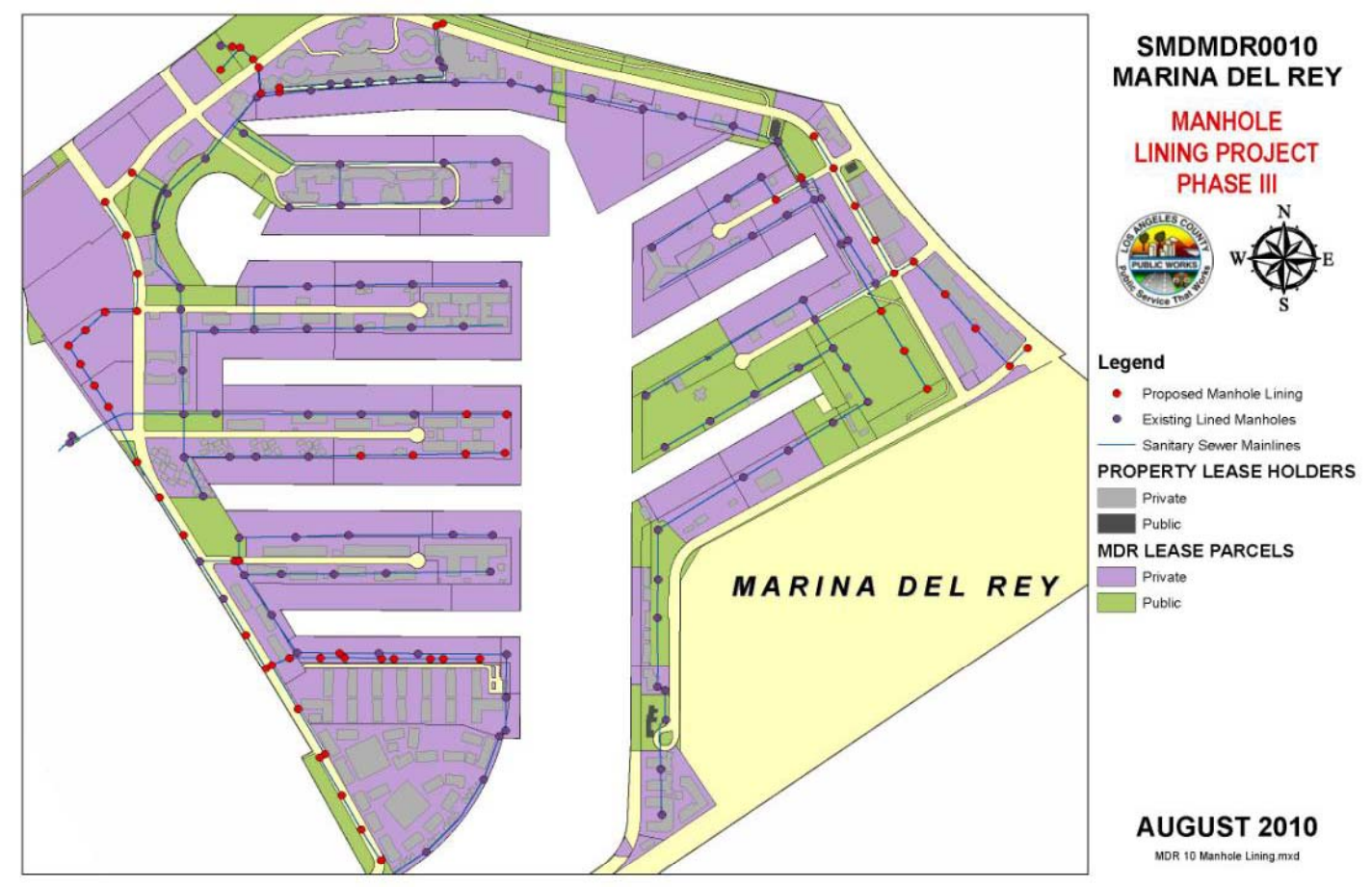
- Air Scrubber Installation
  - Install scrubber unit and cabinet in parking lot.
  - Trench into Admiralty Way right of way to connect 85' pipe to existing manhole for air flow.
  - Landscaping around cabinet.



Estimated Total Project Cost & Construction Schedule:

- Estimated Total Project Cost: **$170,000**
- Tentative Construction Schedule: **January 2011**
- Approximate Construction Duration: **1 Month**

SEWER MANHOLE LINING PROJECT PHASE III



Purpose:

- To reduce the potential of groundwater infiltration into sewer manholes in Marina del Rey.

BEFORE

Scope:

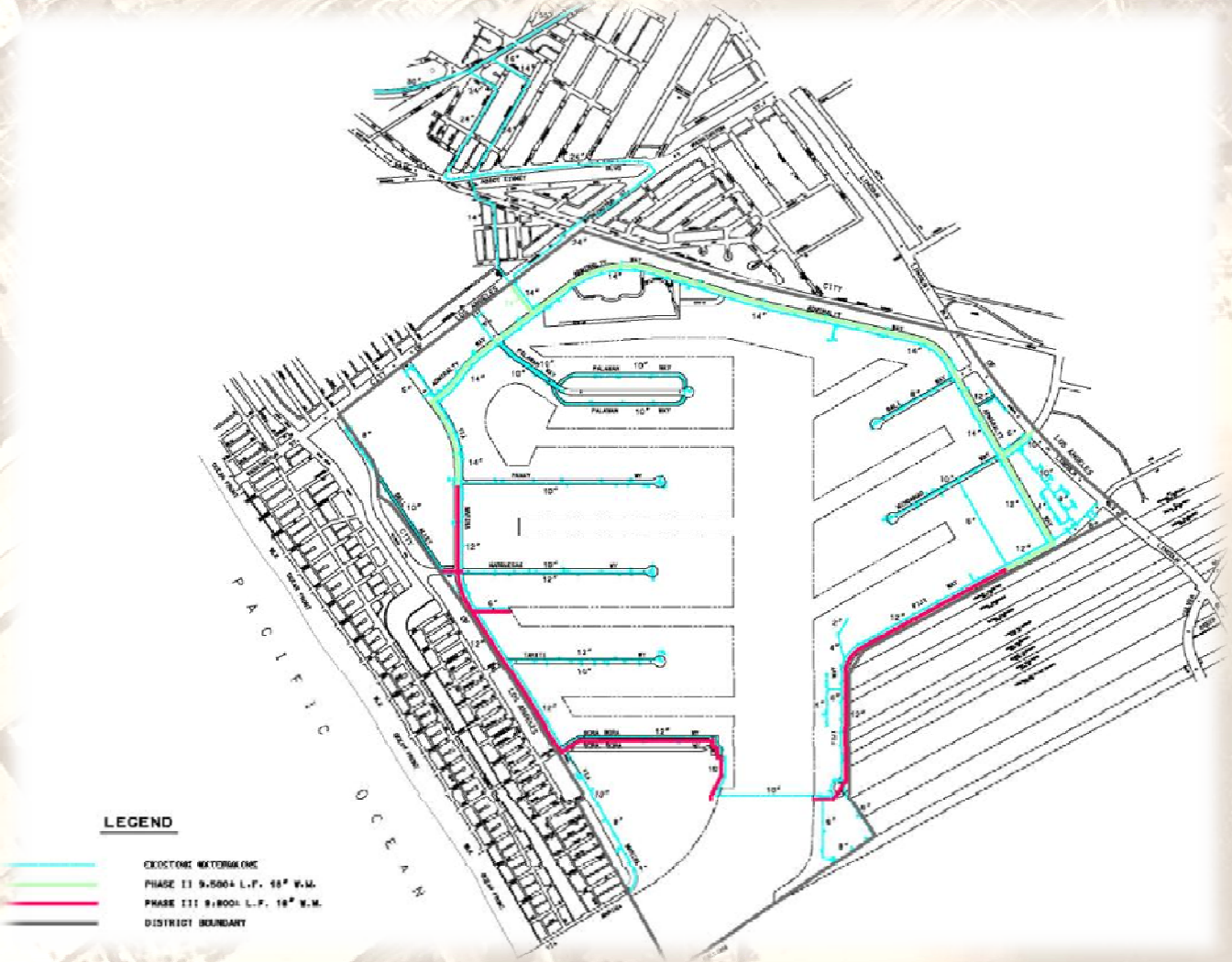
- Installation of a seamless plastic coating inside 75 sewer manholes. This project will complete the lining of all the 209 manholes in Marina del Rey.

AFTER

Estimated Total Project Cost & Construction Schedule:

- Estimated Total Project Cost: **$476,000**
- Tentative Construction Schedule: **Summer 2011**
- Approximate Construction Duration: **3 months**

WATER LINE REPLACEMENT



Marina Del Rey Waterline Replacement

Background and Existing System

- Constructed in 1962 with an expected 40-year service life. The existing system has exceeded its expected service life.
- Consists of 10-inch to 14-inch diameter water mains that currently form a loop around the Marina.
- Main Source of water for fire protection.

Purpose and Scope:

- Due to its age, the existing system is expensive to maintain and repair.
- Increase the reliability of the water system.
- Improve domestic and fire protection water demands, and decrease dependence on City of LA system.
- Construct a new parallel system for the entire Marina del Rey Water System

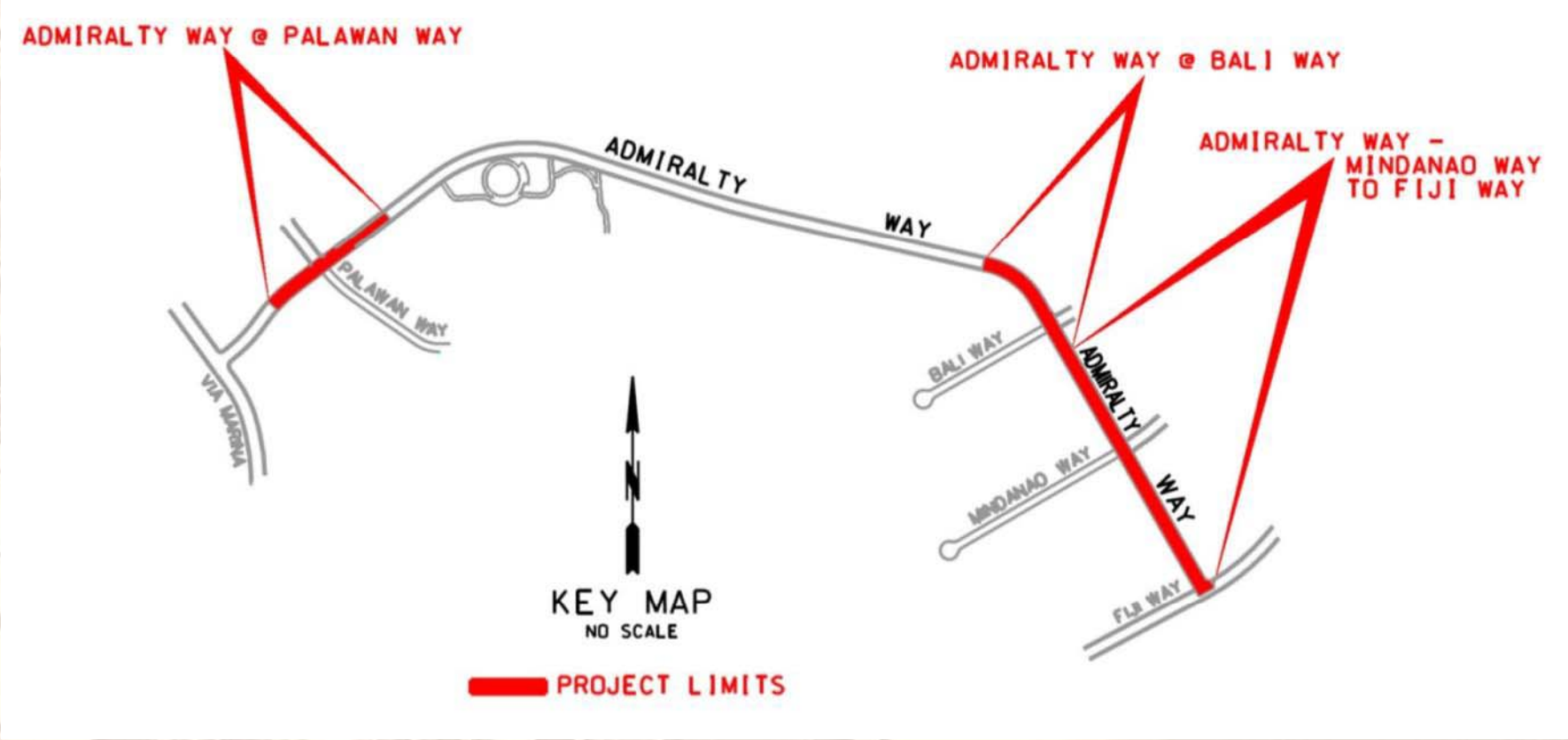
Scope:

- **The new water system has three phases.**
  - **Phase I, completed in August 2002, installed 5,500 LF of 24-inch dia. water main.**
  - **Phase II will install approx. 9,500 LF of 18-inch dia. water main along Admiralty Way between Via Marina and Fiji Way. It's estimated cost is $5,800,000.**

    Schedule: start in March of 2011, duration of 13 months
  - **Phase III will install approx. 9,800 LF of 18-inch dia. water main along Via Marina and Fiji Way. It's estimated cost is $7,000,000.**

    Schedule: start in spring of 2013, duration of 13 months

Admiralty Way Intersections Improvement

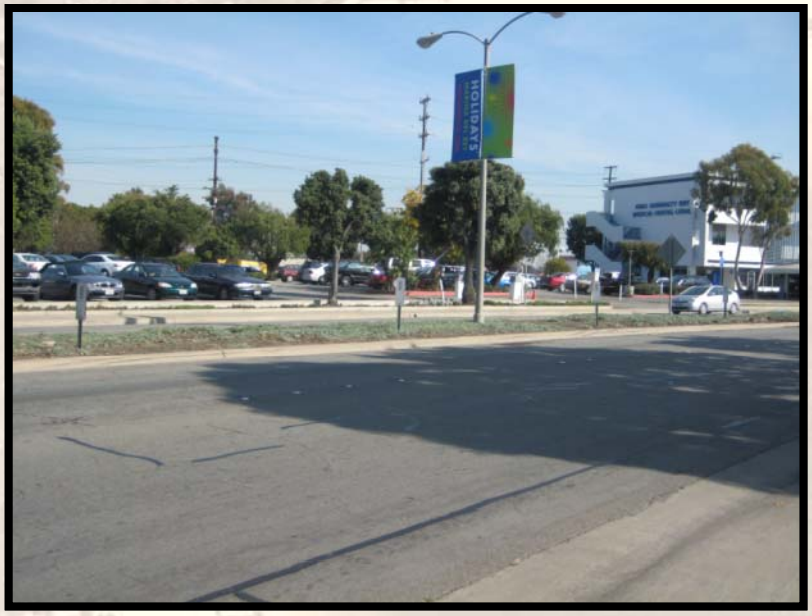


Purpose:

- To provide sufficient capacity to accommodate existing and future traffic conditions and to comply with the MDR Local Coastal Plan (LCP).

Scope:

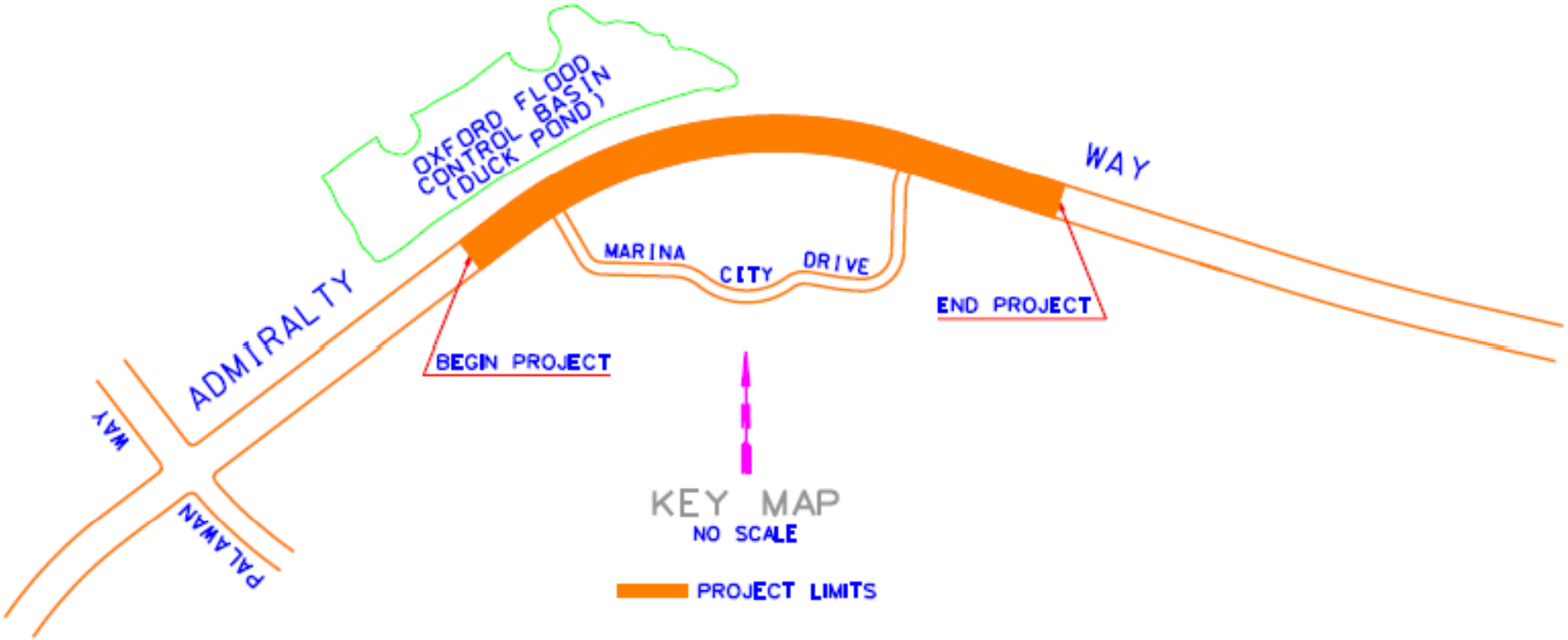
- Intersection Improvements
  - Median Reconfiguration
  - Signing and Striping
  - Traffic Signal Upgrade
  - Street Light Relocation
  - Median Landscape Replacement



Estimated Total Project Cost & Construction Schedule:

- **Estimated Total Project Cost: $1,950,000**
- **Tentative Construction Schedule: Winter of 2012**
- **Approximate Construction Duration: 6 Months**

Admiralty Way Settlement Repair



Purpose:

- To repair the settled roadway pavement and sidewalks

Scope:

- Roadway Stabilization
  - Reconstruct the roadway and prevent further settlement of the road and sidewalk
  - Median Reconstruction
  - New Curb and Gutter
  - Install Curb Ramps
  - Replace Existing Chain-link Fence
  - Some work on the basin slope

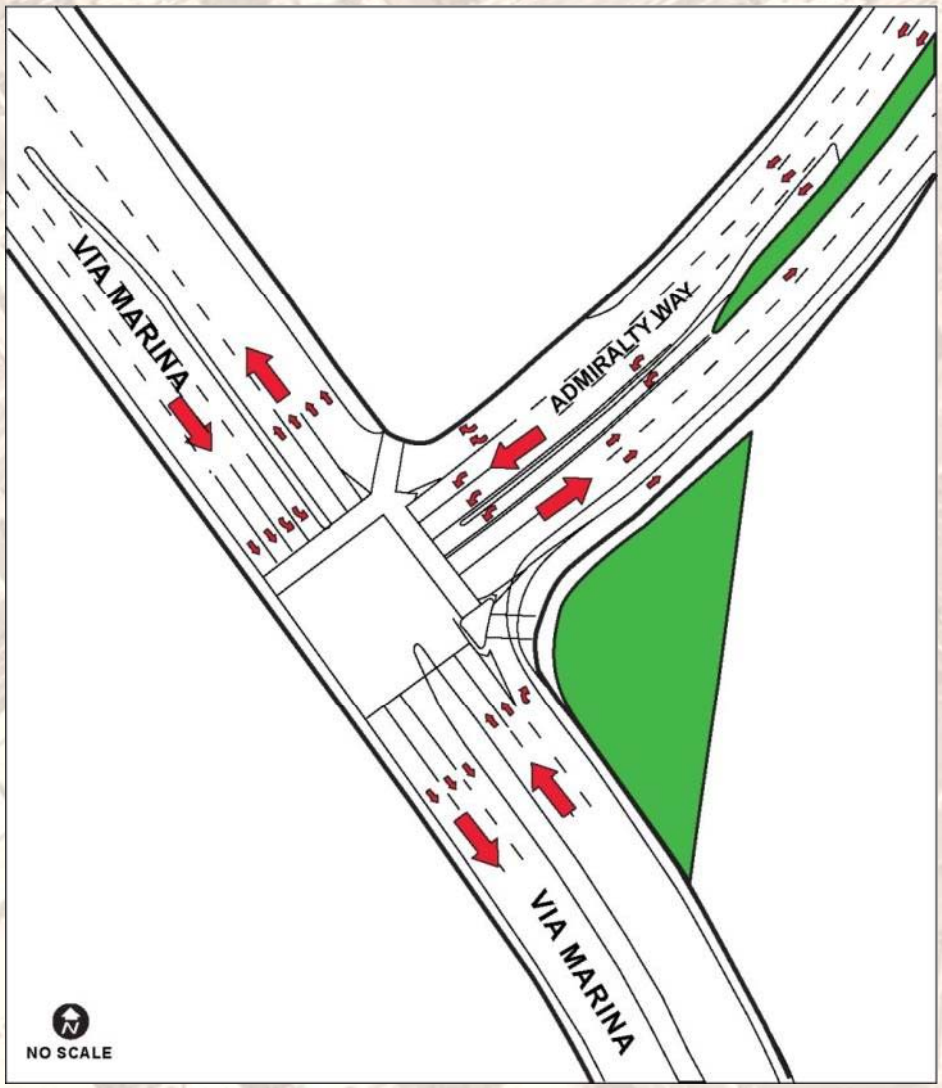
Estimated Total Project Cost & Construction Schedule:

- **Estimated Total Project Cost: $2,700,000**
- **Tentative Construction Schedule: Spring of 2012, pending completion of the Admiralty Way Waterline Phase 2 project.**
- **Approximate Construction Duration: 5-7 Months**

Admiralty Way/Via Marina Intersection Improvement Project

Design Alternatives:

- **There are currently two proposed alternatives for the improvements at this intersection.**
  - **Triple Left-Turn**
  - **Continuous Loop**
- **The scope of work will be finalized after the public review of the environmental document which is currently being drafted.**



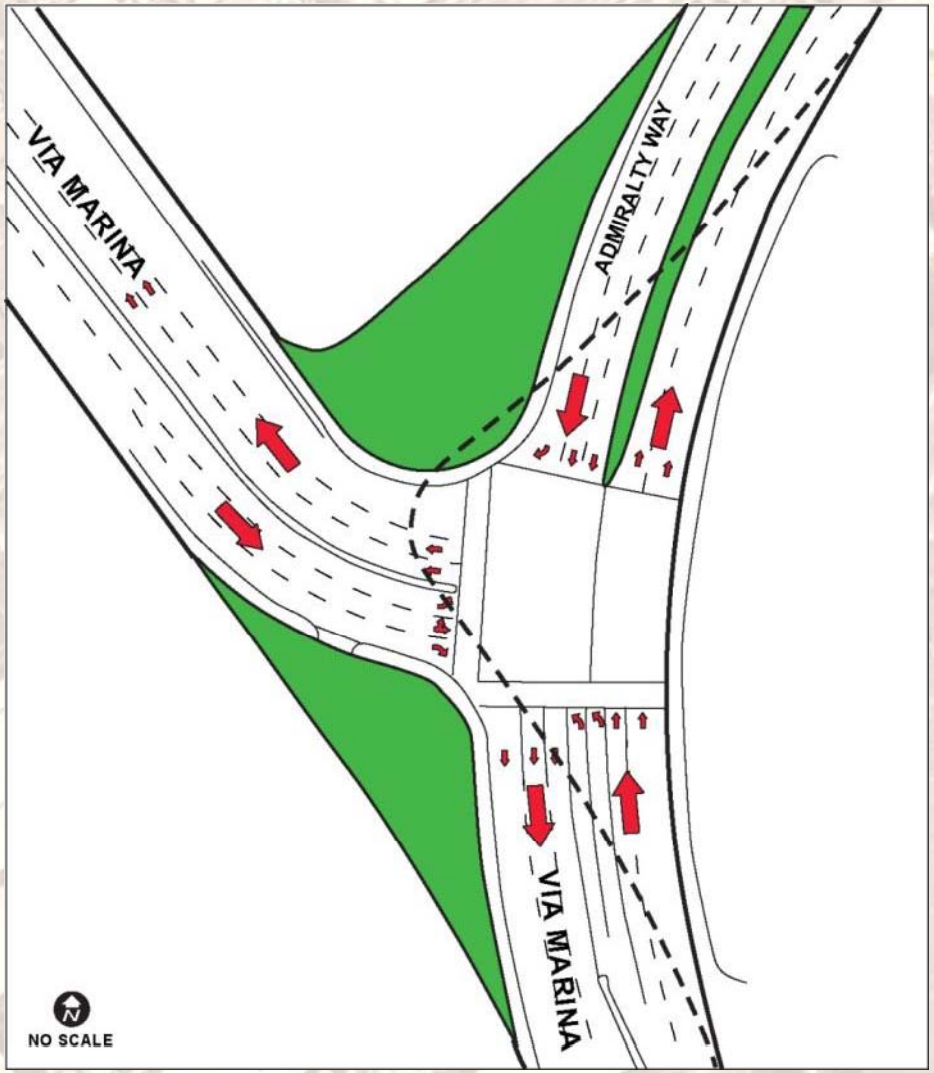
Triple-Left Turn Concept

- **Triple left-turn from Admiralty Way to Via Marina**
- **Double Left-Turn Lanes from Via Marina to Admiralty Way**

Purpose:

- **To improve Level Of Service (LOS) and provide congestion relief at the intersection of Admiralty Way at Via Marina.**
- **To implement the road improvement required in the Marina Del Rey Local Coastal Plan (LCP)**

Admiralty Way at Via Marina



Continuous Loop Concept

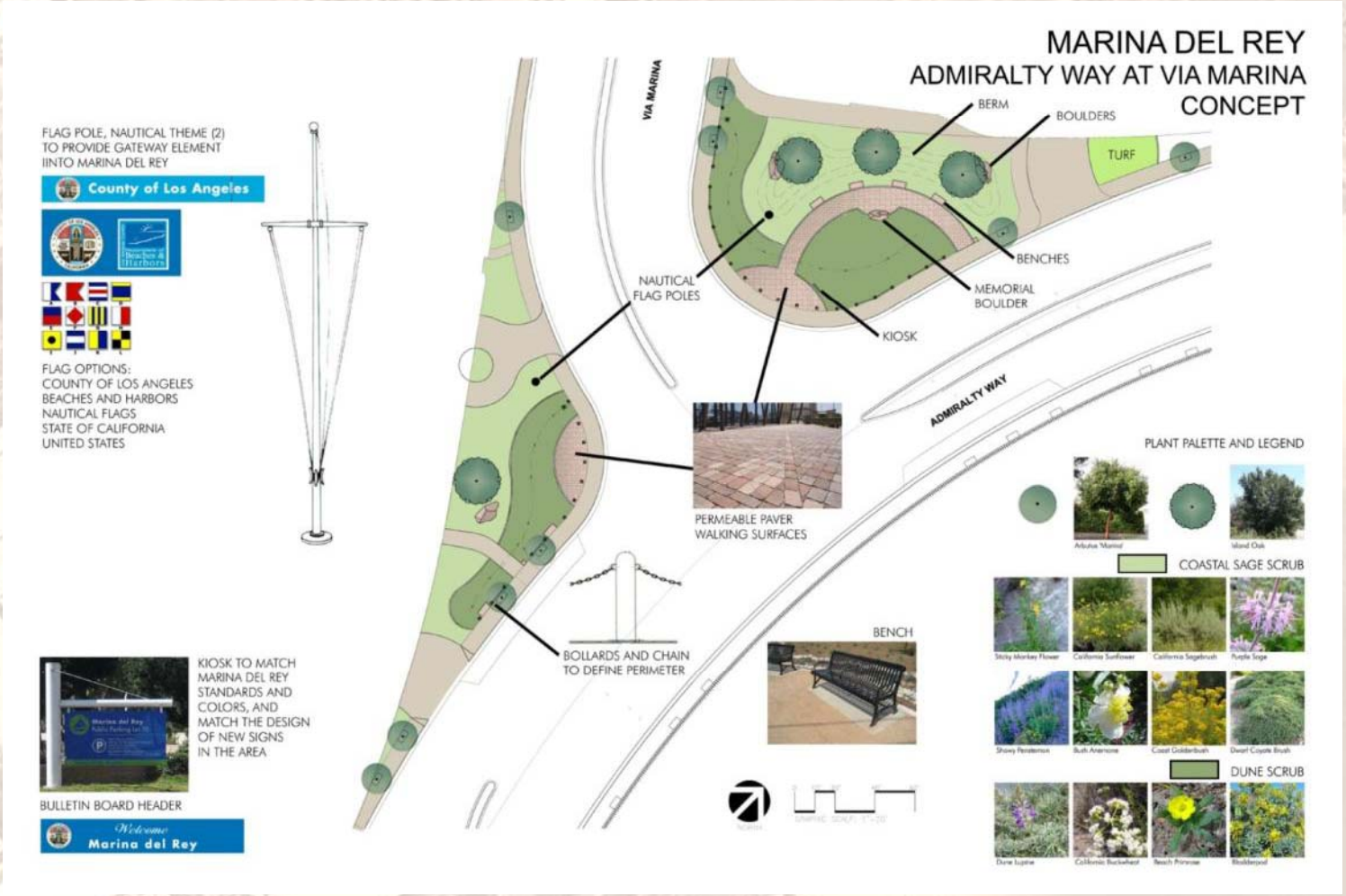
- Reconfigure the existing "T" intersection to create continuous loop around MDR.
- Replace the existing park and monument at the intersection with two new parks

Purpose:

- To improve Level Of Service (LOS) and provide congestion relief at the intersection of Admiralty Way at Via Marina.
- To implement the road improvements required in the LCP.
- Improve pedestrian safety
- Create attractive "Gateway" to MDR
- Accommodate future traffic conditions

Admiralty Way at Via Marina

Proposed Landscape and Gateway for Continuous Loop Alternative



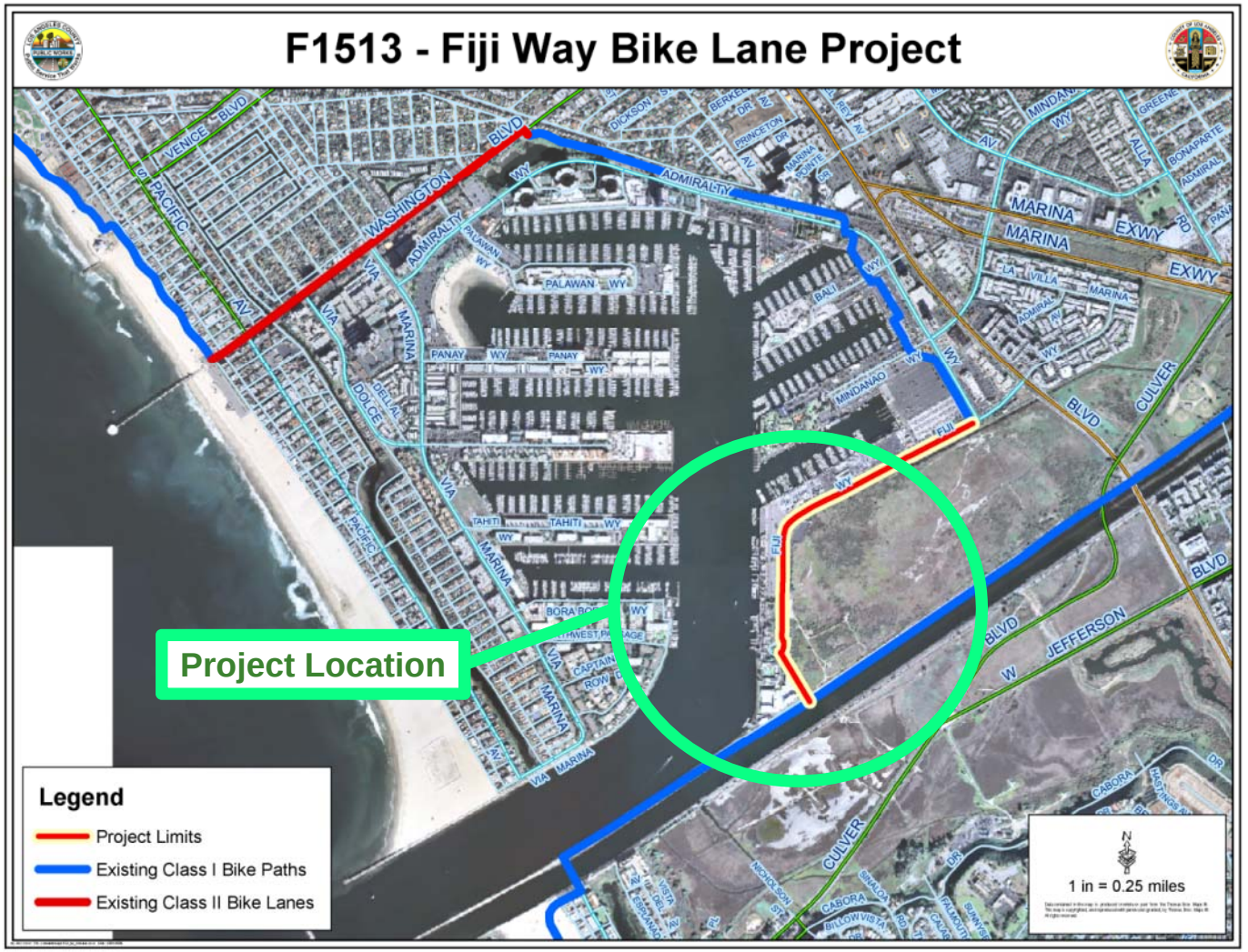
Admiralty Way at Via Marina

Estimated Total Project Cost & Construction Schedule:

- **Triple Left-Turn Design Alternative**
  - Estimated Total Project Cost: **$3,220,000**
  - Tentative Construction Schedule: **Winter of 2013**
  - Approximate Construction Duration: **6-9 Months**

- **Continuous Loop Design Alternative**
  - Estimated Total Project Cost: **$6,340,000**
  - Tentative Construction Schedule: **Winter of 2013**
  - Approximate Construction Duration: **9-12 Months**

Fiji Way Bike Lane



Purpose:

- The project will widen Fiji Way by 2 feet and construct bike lanes from Admiralty Way to the Ballona Creek Bike Trail.

- The new bike lane will improve connectivity to regional bikeways, including the Ballona Creek Bike Trail, the Culver Boulevard Bike Trail, and the bike lanes on Lincoln Boulevard and Venice Boulevard.

- The County received a grant of $805,000 to fund a portion of the project from Metro's 2007 Call for Projects.

Fiji Way Bike Lane

Estimated Total Project Cost & Construction Schedule:

- **Estimated Total Project Cost: $1,006,000**
- **Tentative Construction Schedule: Fall 2012**
- **Approximate Construction Duration: 7 Months**

Oxford Retention Basin Multiuse Project

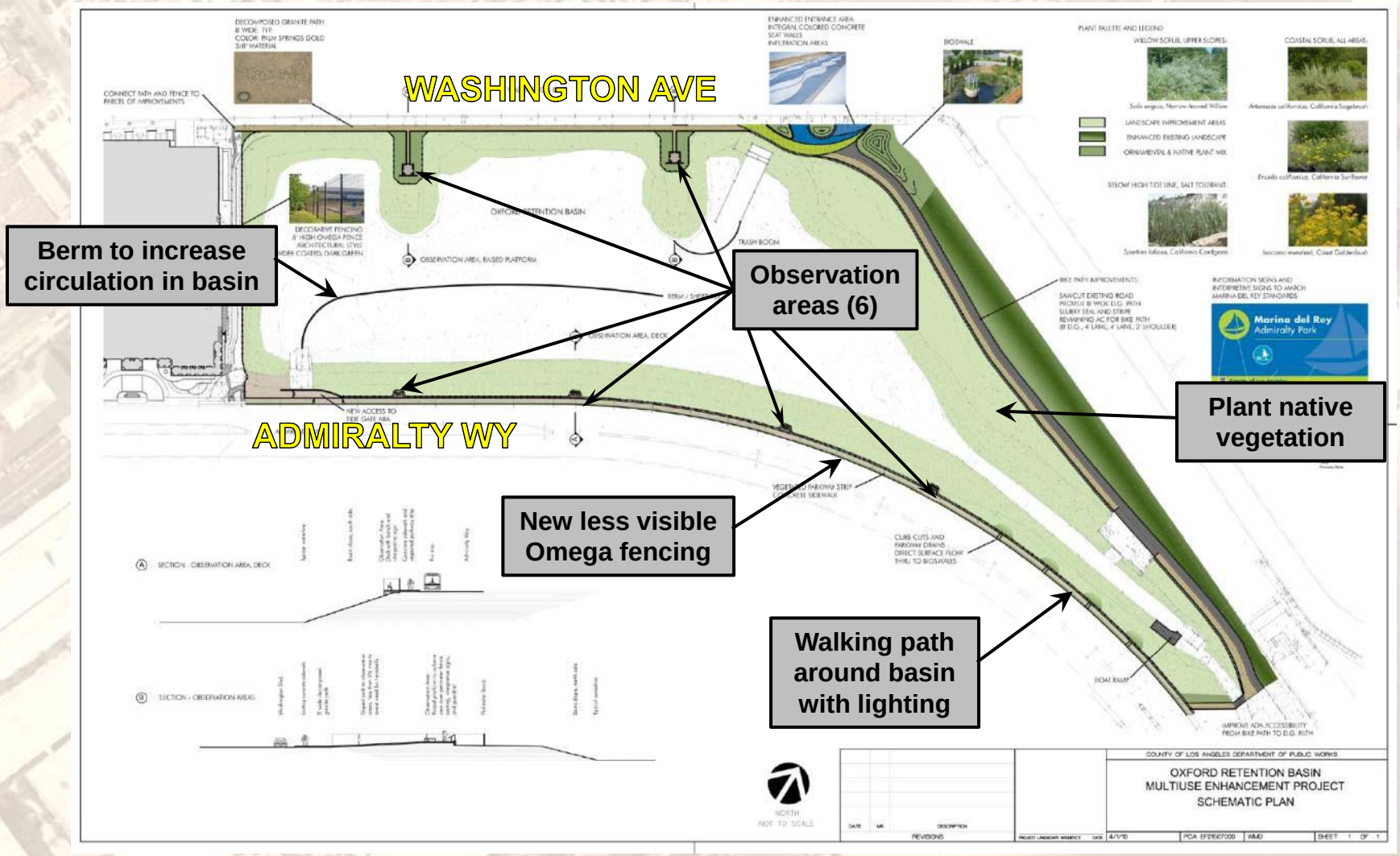
Purpose:

- Reduce flooding on Oxford Ave
- Enhance water quality
- Provide habitat
- Improve aesthetics
- Increase recreational opportunities

Scope:

- Modification of catch basins on Oxford Ave
- Removal of accumulated sediment in Oxford Basin
- Construct a berm to increase circulation around Oxford Basin
- Plant native vegetation
- Construct walking path around Oxford Basin

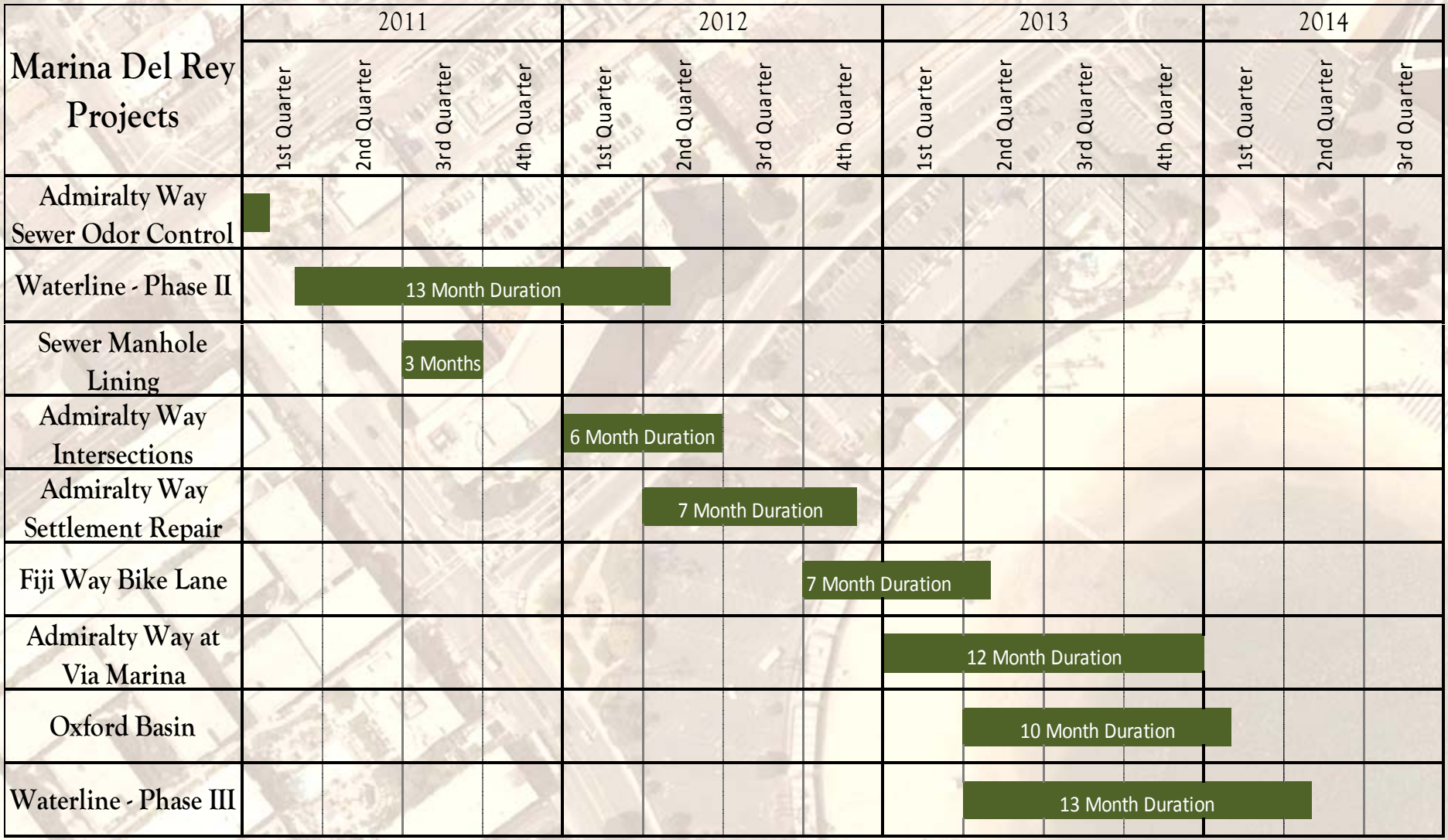
Basin Planning & Landscape



Estimated Total Project Cost & Construction Schedule:

- Estimated Total Project Cost: **$12,000,000**
- Tentative Construction Schedule: **Spring of 2013**
- Approximate Construction Duration: **10 Months**

Tentative Construction Schedule



Thank you!