



Port Everglades Master / Vision Plan Update

Stakeholder Meeting

July 29, 2010

Today's Presentation

- Market Assessment and Infrastructure Needs Overview
- Status of 2006 Master Plan Projects
- Updated Master Plan Projects
- Updated Plans
 - 5 year Master Plan and 10 and 20 year Vision Plans
 - Projects and Estimated Total Cost
- Upcoming Master Plan Presentations

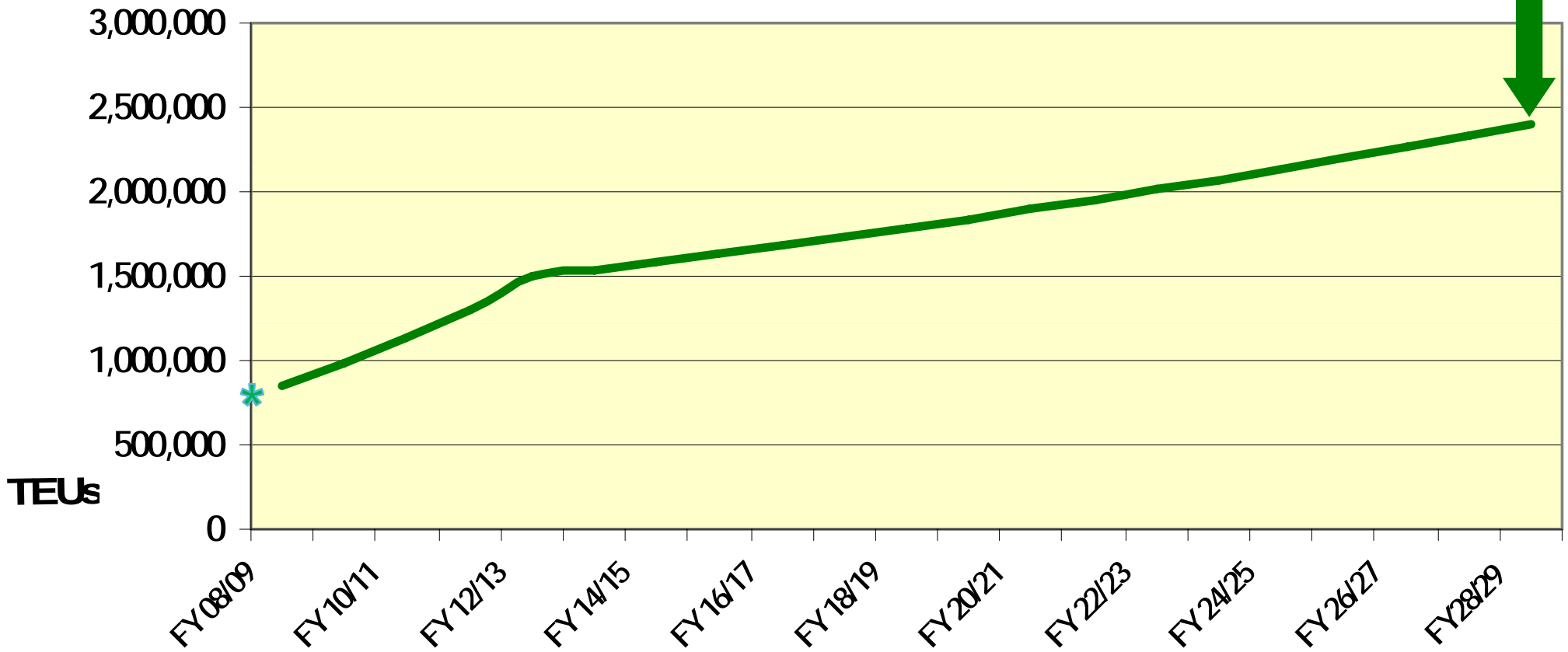
Summary of Facility/Infrastructure Needs

Over 20 year planning horizon

- Ability to berth fully laden Post-Panamax vessels; 7,000 TEUs
- More and longer cargo berths
- Rail to Southport and ICTF
- New berth for crushed rock/aggregate ship
- Longer cruise berths
- Reconfiguration of Northport slips
- Upland improvements to terminals and intermodal access

Containerized Cargo

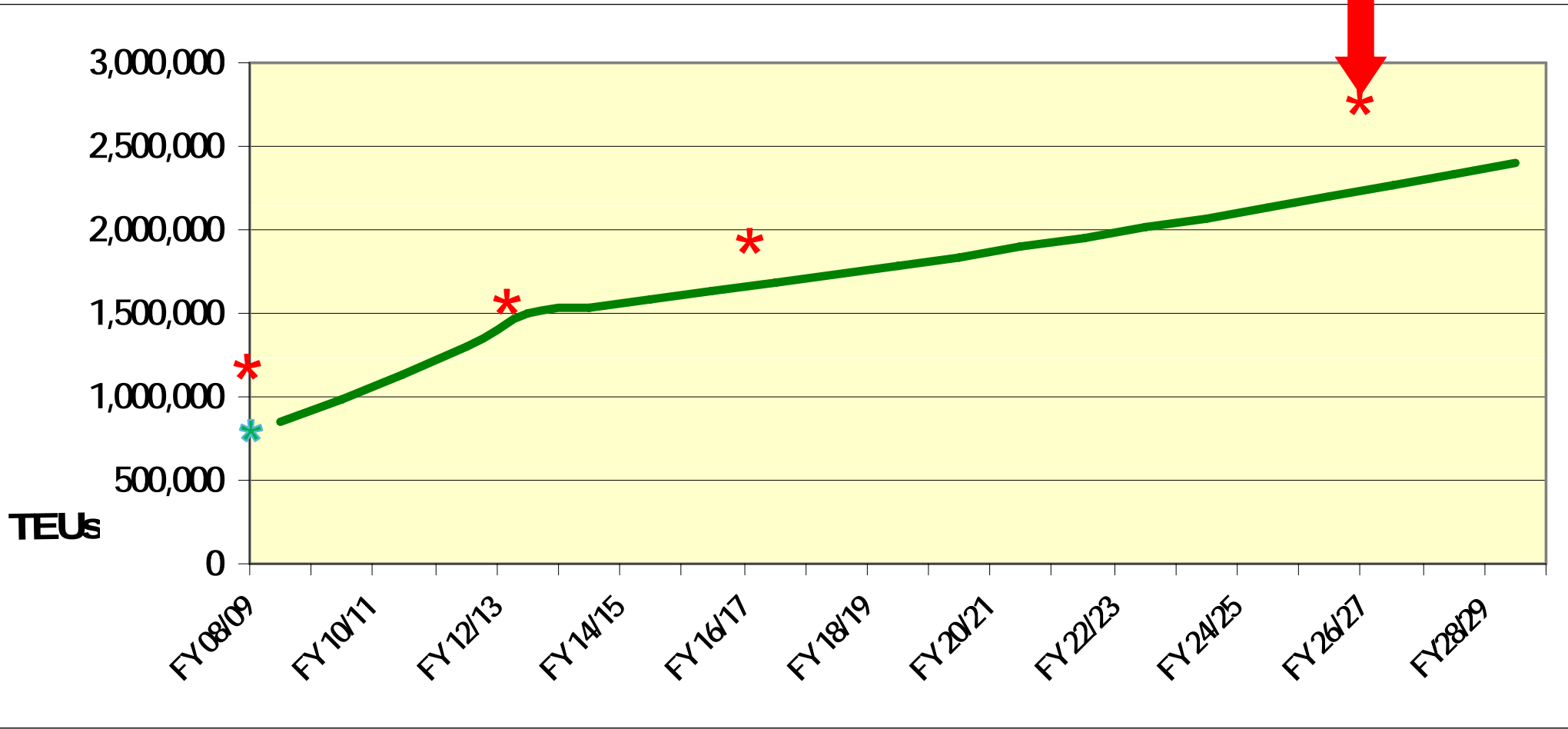
**FY 28/29:
2.4 million TEUs**



* FY 08/09 Actual Throughput

Containerized Cargo

**2006 Forecast for 2026
2.7 million TEUs**

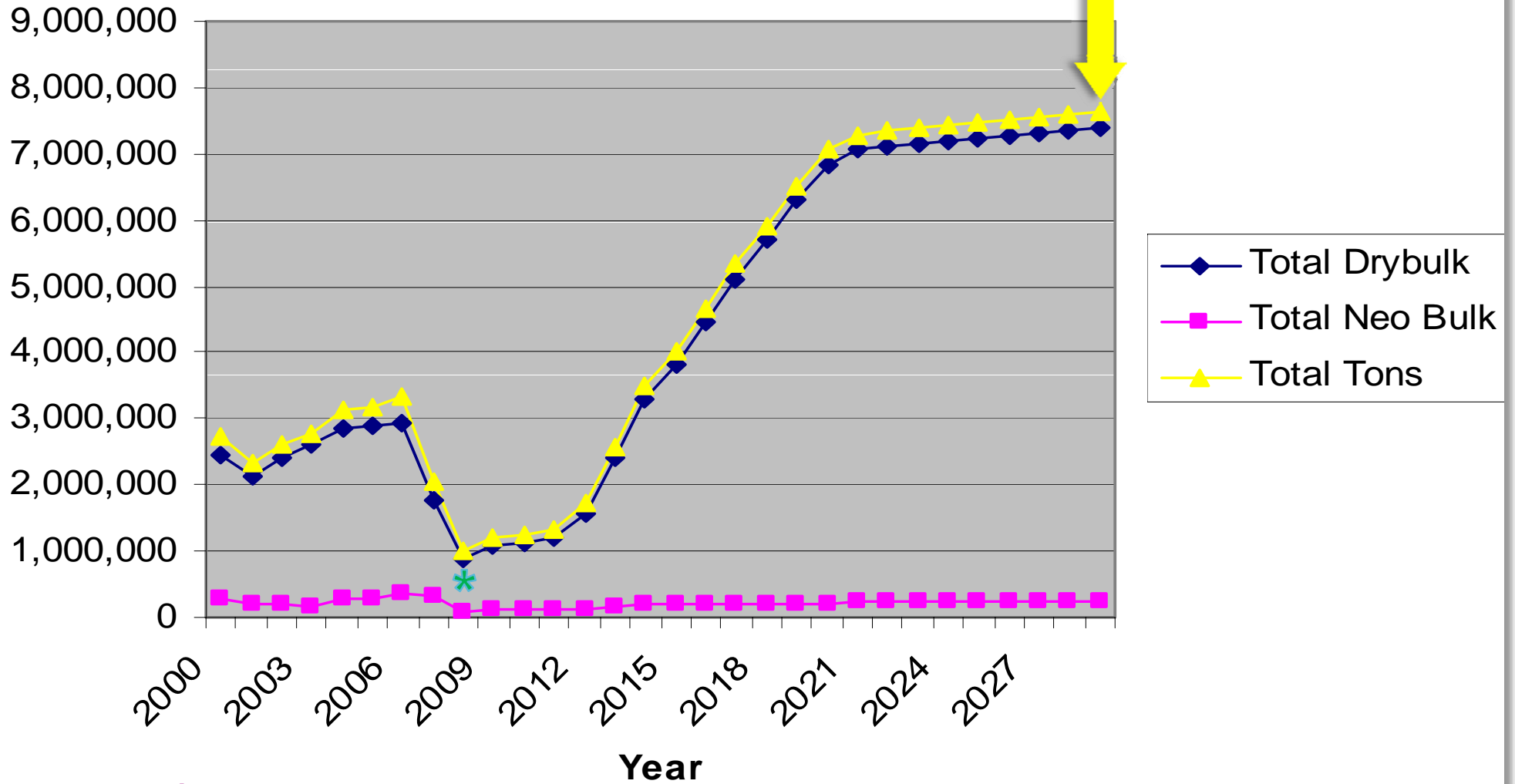


* FY 08/09 Actual Throughput

* 2006 Forecast for years- FY 2008/09, 2012, 2016 & 2026

Dry Bulk and Neo-Bulk Cargo

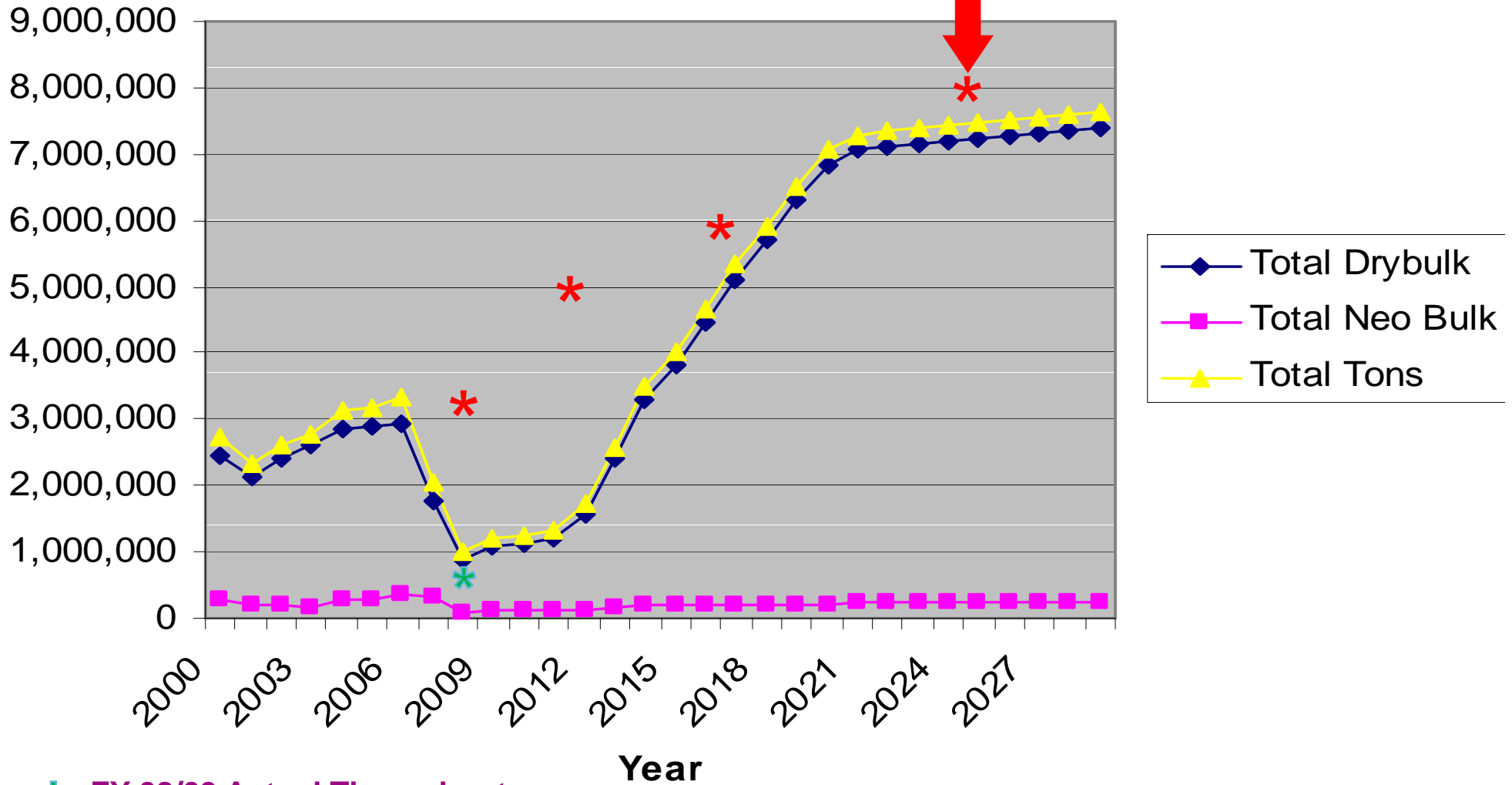
**FY 28/29:
7.6 million tons**



* FY 08/09 Actual Throughput

Dry Bulk and Neo-Bulk Cargo

**2006 Forecast for 2026
8.0 million tons**

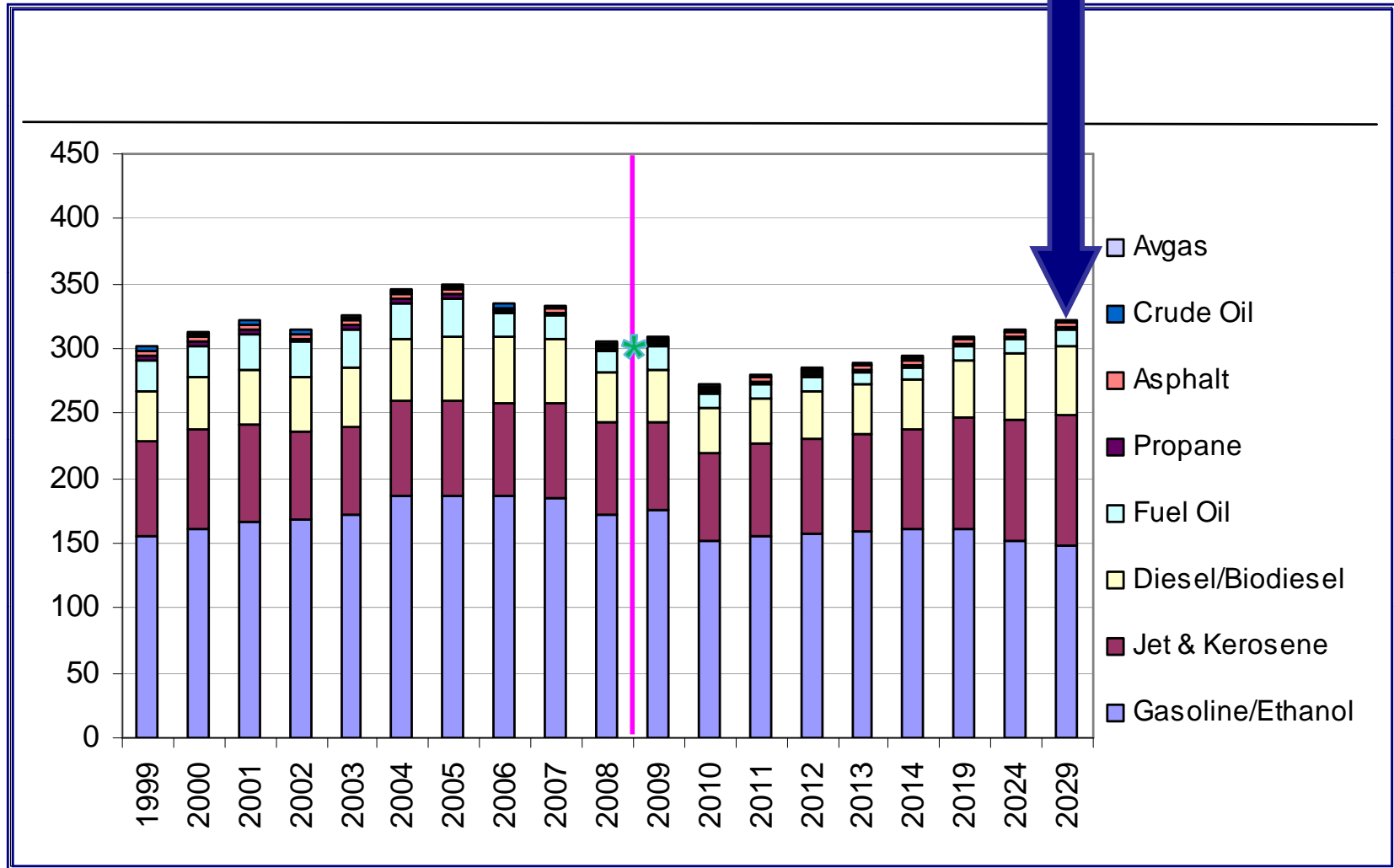


* FY 08/09 Actual Throughput

* 2006 Forecast for years- FY 2008/09, 2012, 2016 & 2026

Liquid Bulk (Petroleum)

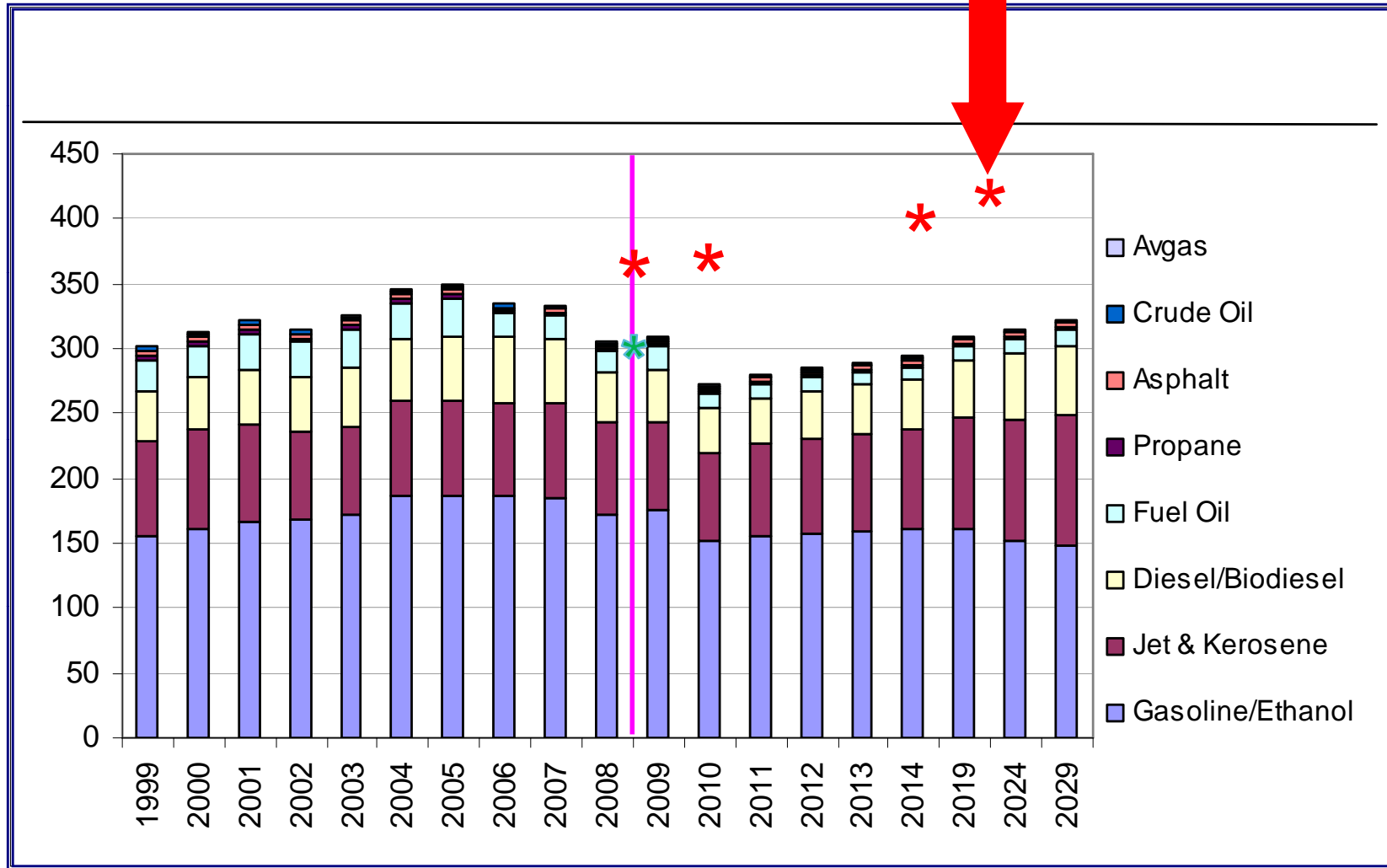
**FY 28/29:
323,000 barrels per day**



* FY 08/09 Actual Throughput

Liquid Bulk (Petroleum)

**2005 Forecast for 2020
435,000 barrels per day**

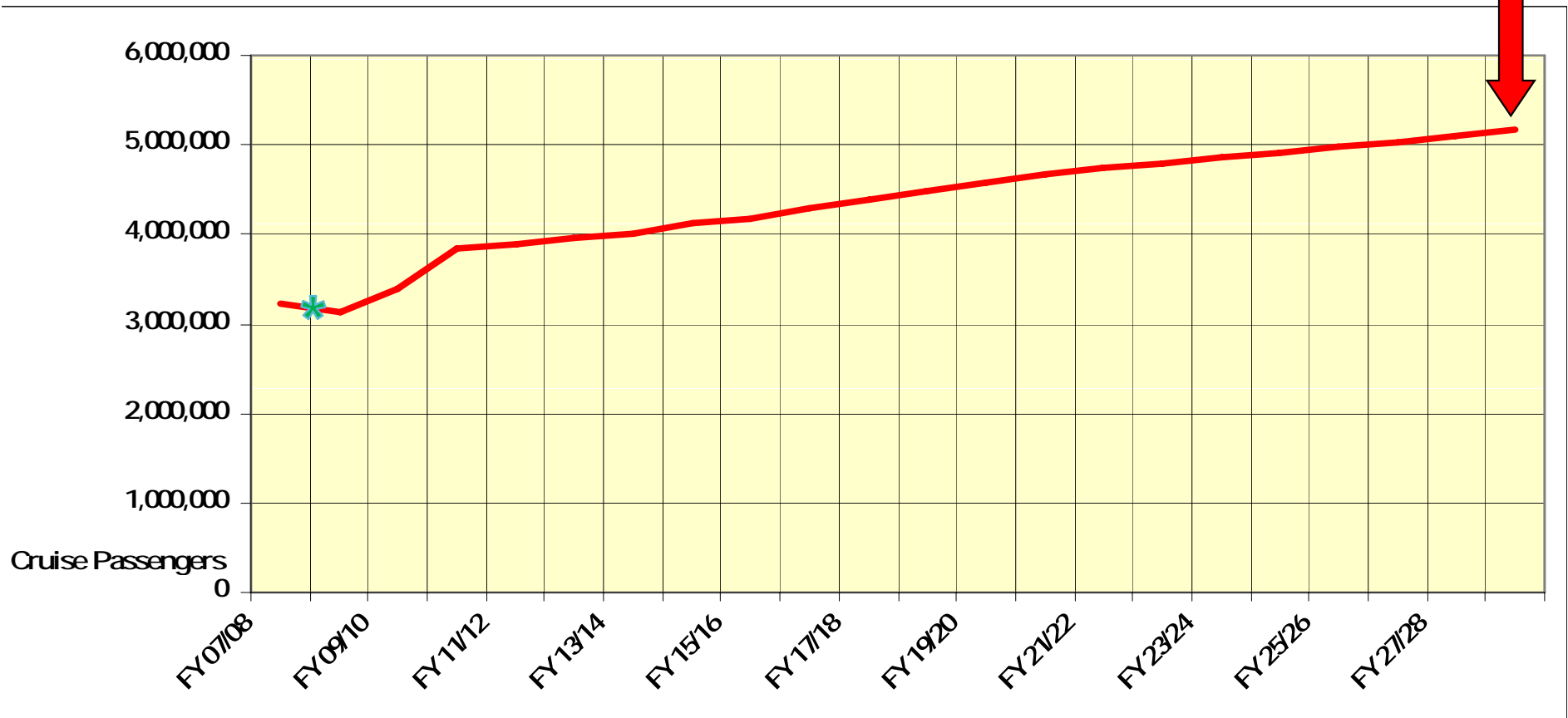


* FY 08/09 Actual Throughput

* 2005 Forecast for years- FY 2008/09, 2010, 2015 & 2020

Cruise

**FY 28/29:
5.1 Million Passengers ***

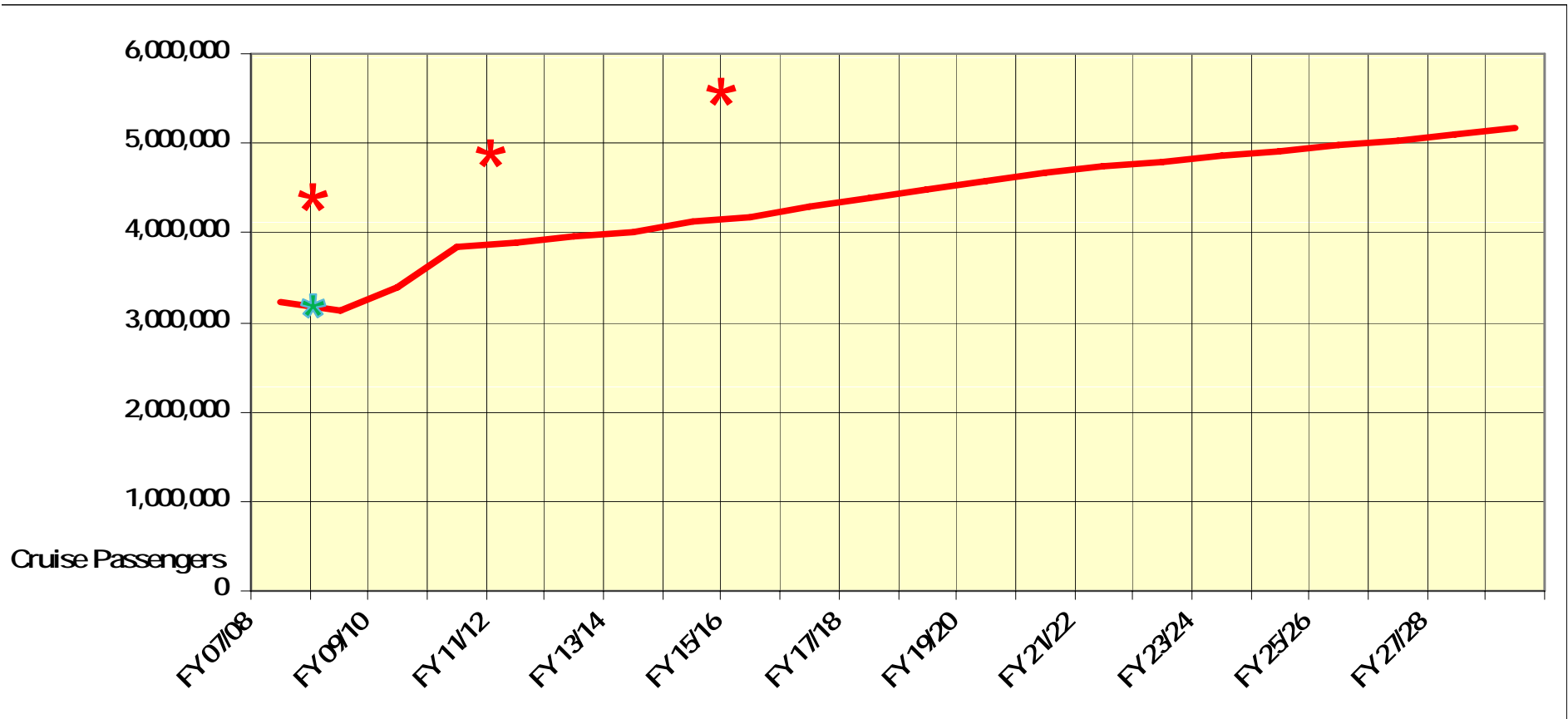


* Multi-Day & Daily Revenue Passengers

* FY 08/09 Actual Throughput

Cruise

**2006 Forecast for 2026
7.0 Million Passengers ***

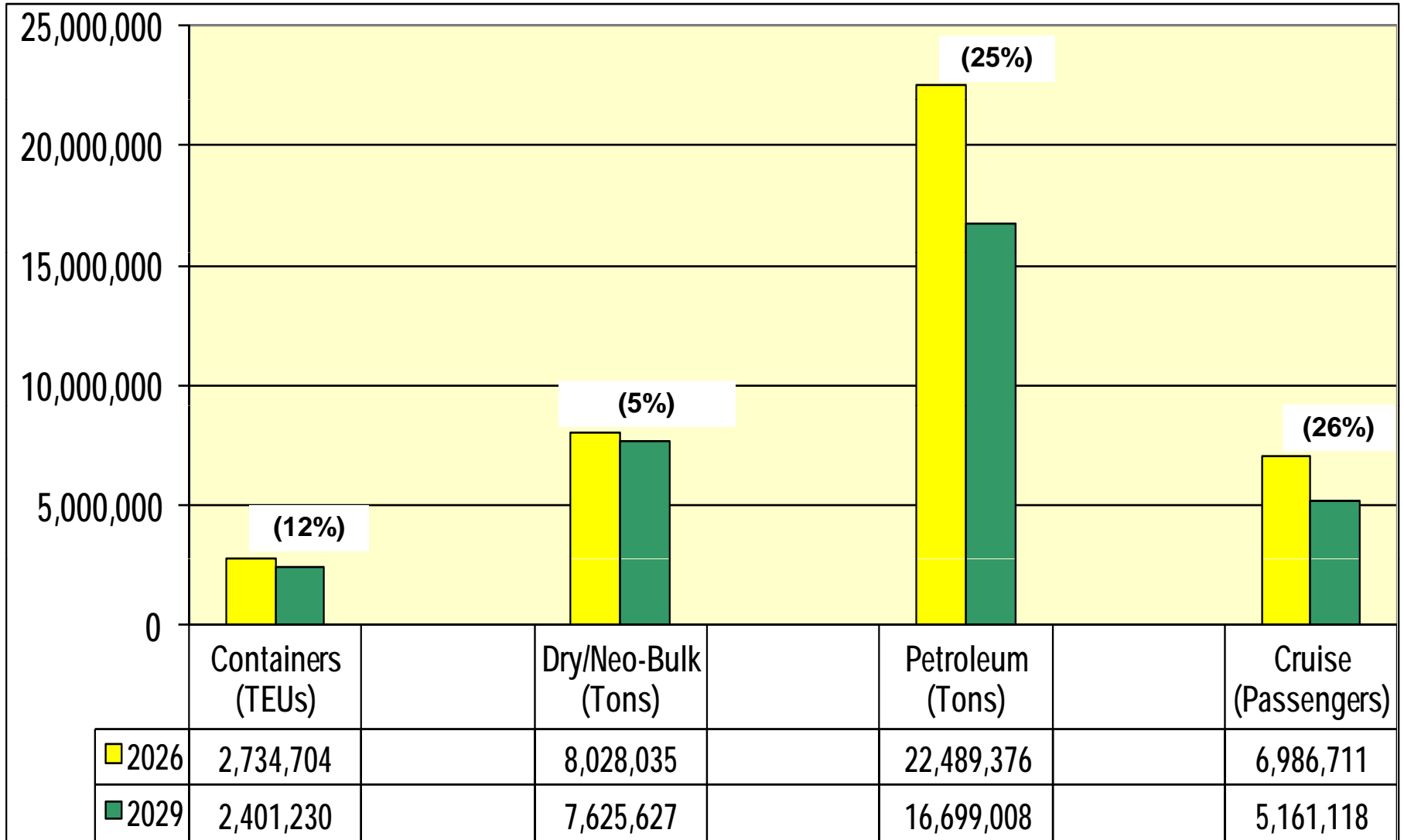


* Multi-Day & Daily Revenue Passengers

* FY 08/09 Actual Throughput

* 2006 Forecast for years- FY 2008/09, 2012, 2016 & 2026

Market Forecast Drives the Plan



Status of 2006 Master Plan Projects

Project	Status
Midport Roadway (Eller Drive) Improvements	Completed and in operation
Mobile Harbor Crane at Midport	Completed
Cruise Terminal 18 Expansion	Completed and in operation
Intermodal Bridge over FPL Canal	Opened June 10
Southport Container Yard Improvements	Construction to be completed in October 2010
Eller Drive Overpass	FDOT Construction procurement begins in 2011
McIntosh Road Improvements	Design in progress Construction procurement begins in 2011
By-Pass Road	Design in progress Phase 1 construction procurement begins in Jan 2011 Phase 2 construction procurement begins in Sept 2012
Cruise Terminal Improvements at CT 2, CT 19, CT 21 and CT 26	In planning

Turning Notch Project



July 30, 2010

Turning Notch Project



July 30, 2010

Turning Notch Project

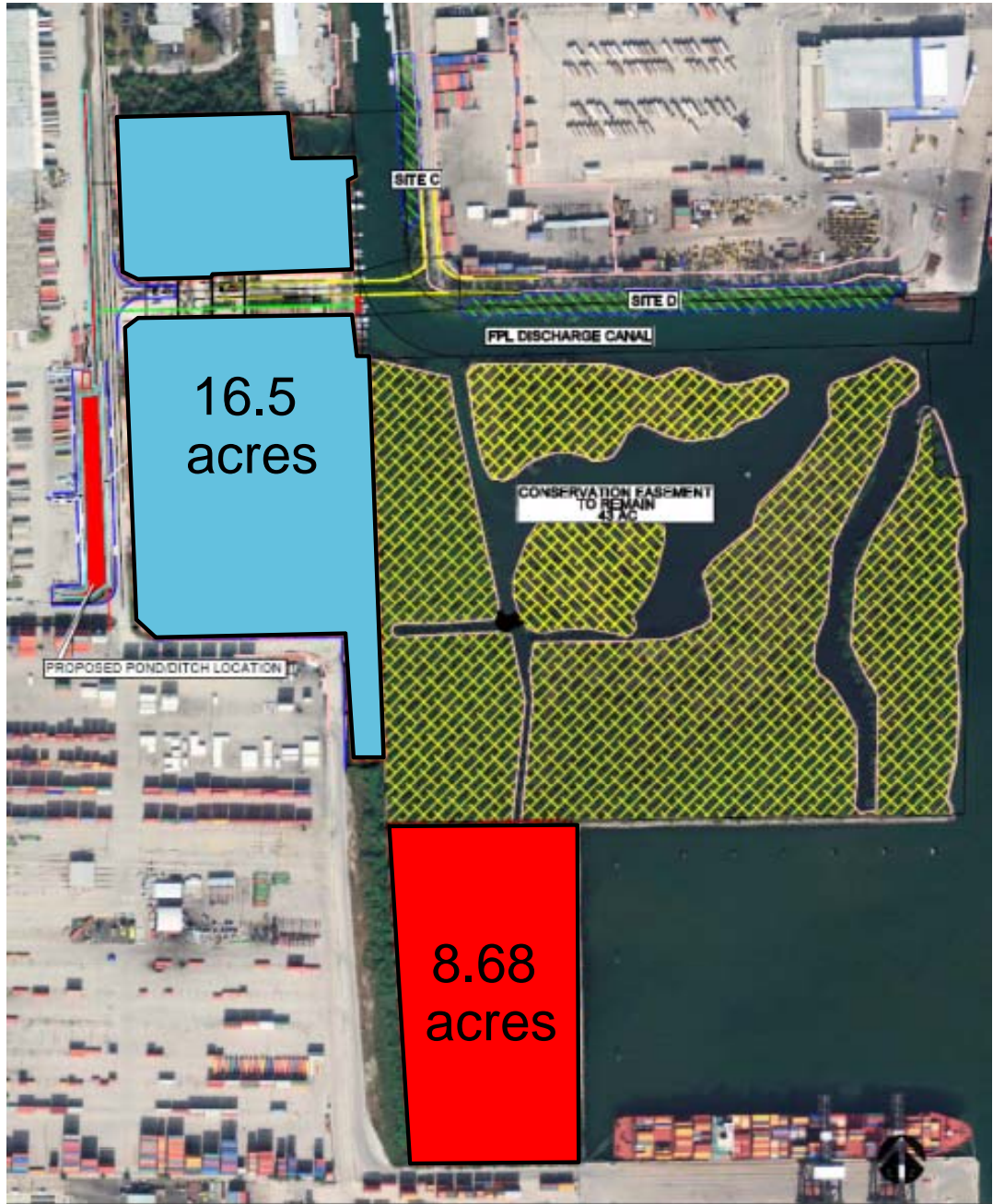


July 30, 2010

Conservation Easement – Upland Enhancement



Conservation Easement – Upland Enhancement



- 8.68 acres is replaced with approximately 16.5 acres

Conservation Easement – Upland Enhancement



- 8.68 acres is replaced with approximately 16.5 acres
- Conservation Easement becomes approximately 60 acres of Fee Simple Area

Turning Notch Project 1 (at Existing Water Depth)



Turning Notch Expansion

- May 4, 2010 BCC supports the expansion project
- June 15, 2010 BCC approves agreement with FDEP on release of Conservation Easement
- Project 1 included in Port's 5-year Capital Improvement Program
- Projected Broward County Economic Impact
 - 3,843 Local Jobs
 - \$9.4 Million per year in Local Taxes
 - \$173.6 Million per year in Economic Activity

July 30, 2010

Turning Notch Project 2



July 30, 2010

- No need for Locally Preferred Plan (LPP)
- May 4, 2010 BCC supports continuing with fully funded ACOE study
- ACOE schedule calls for
 - May 2011 – Draft Feasibility Study Released for Public Comment
 - Nov 2012 - Design Start
 - Jan 2015 - Construction Start
- Projected Broward County Economic Impact
 - 1,037 Local Jobs
 - \$2.6 Million per year in Local Taxes
 - \$43.3 Million per year in Economic Activity

PORT EVERGLADES/U.S. ARMY CORPS OF ENGINEERS DEEPENING & WIDENING PROGRAM

Draft National Economic Development (NED) Plan



PORT EVERGLADES/U.S. ARMY CORPS OF ENGINEERS DEEPENING & WIDENING PROGRAM SCHEDULE

Estimated Completion

Draft National Economic Development
(NED) Plan completed
2010

Provided to Port April

Benefit/Cost Ratio

2/1

BOCC Workshop

May 4, 2010

Draft EIS for Public Comment

Spring 2011

Chief Engineers Report

Fall 2013

Construction Start

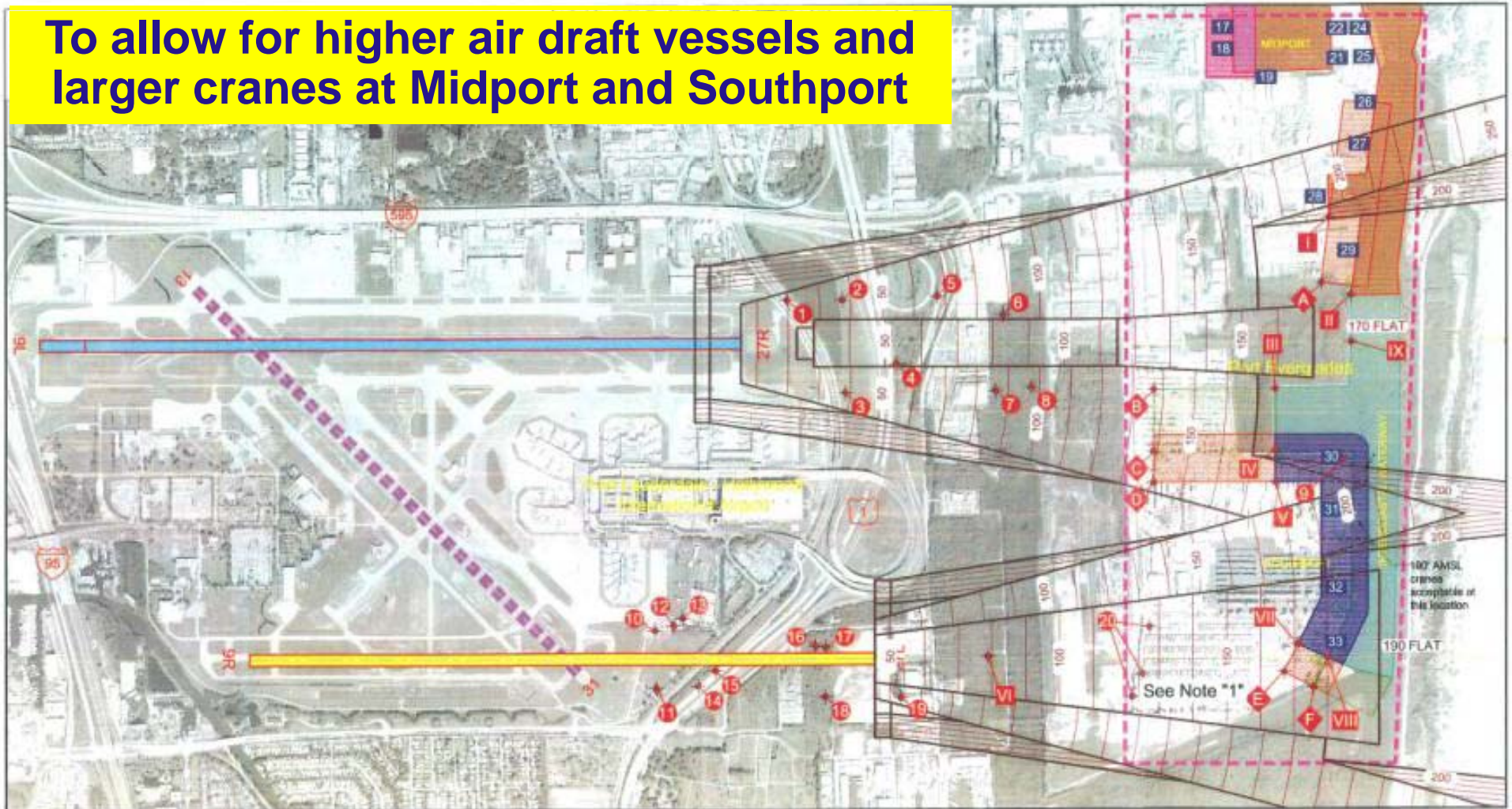
Winter 2015

Construction Complete

Winter 2017

Airport – Seaport Coordination on Object Heights

To allow for higher air draft vessels and larger cranes at Midport and Southport



- AIRPORT**
- Existing runway
 - Proposed Extended South Runway (27R-27L) from EIS team, Alternative B1b
 - Decommissioned runway
 - Extended runway centerline
 - Lowest composite surface
 - Elevation contour of above-named surface, feet AMSL

- SEAPORT**
- Study area
 - Berth number
 - Existing crane envelope of operation approximately 180 feet AMSL
 - Existing crane envelope of operation approximately 260 feet AMSL
 - Existing cargo ships vessel area up to 55m (180 feet) above waterline
 - Existing cruise ships vessel area up to 62m (200 feet) above waterline
 - Proposed crane envelope of operation
 - Proposed cargo ships vessel area

- CRITICAL OBSTACLES**
- Obstacles in databases (See Table 1)
 - Other likely critical obstacles
 - Proposed critical obstacles



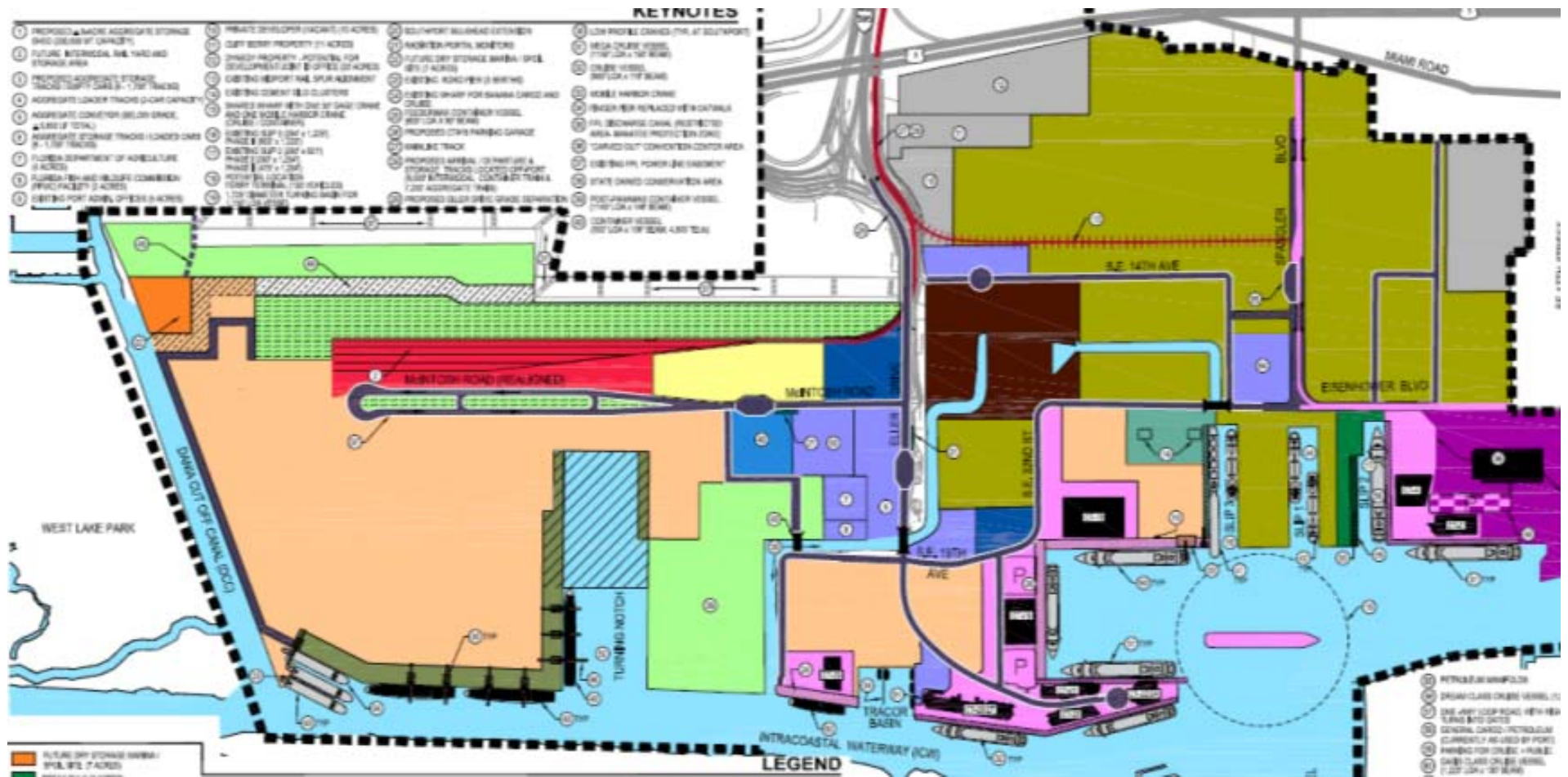
Figure 16
**LOWEST COMPOSITE SURFACE
 OVER STUDY AREA
 PROPOSED CONDITIONS**
 Airspace Obstruction Study
 Port Everglades Cranes and Vessels
 Fort Lauderdale-Hollywood International Airport
 June 2009

**JACOBS
 CONSULTANCY**
 Airport Management Consulting

Port Wide Bulkhead Replacement Summary

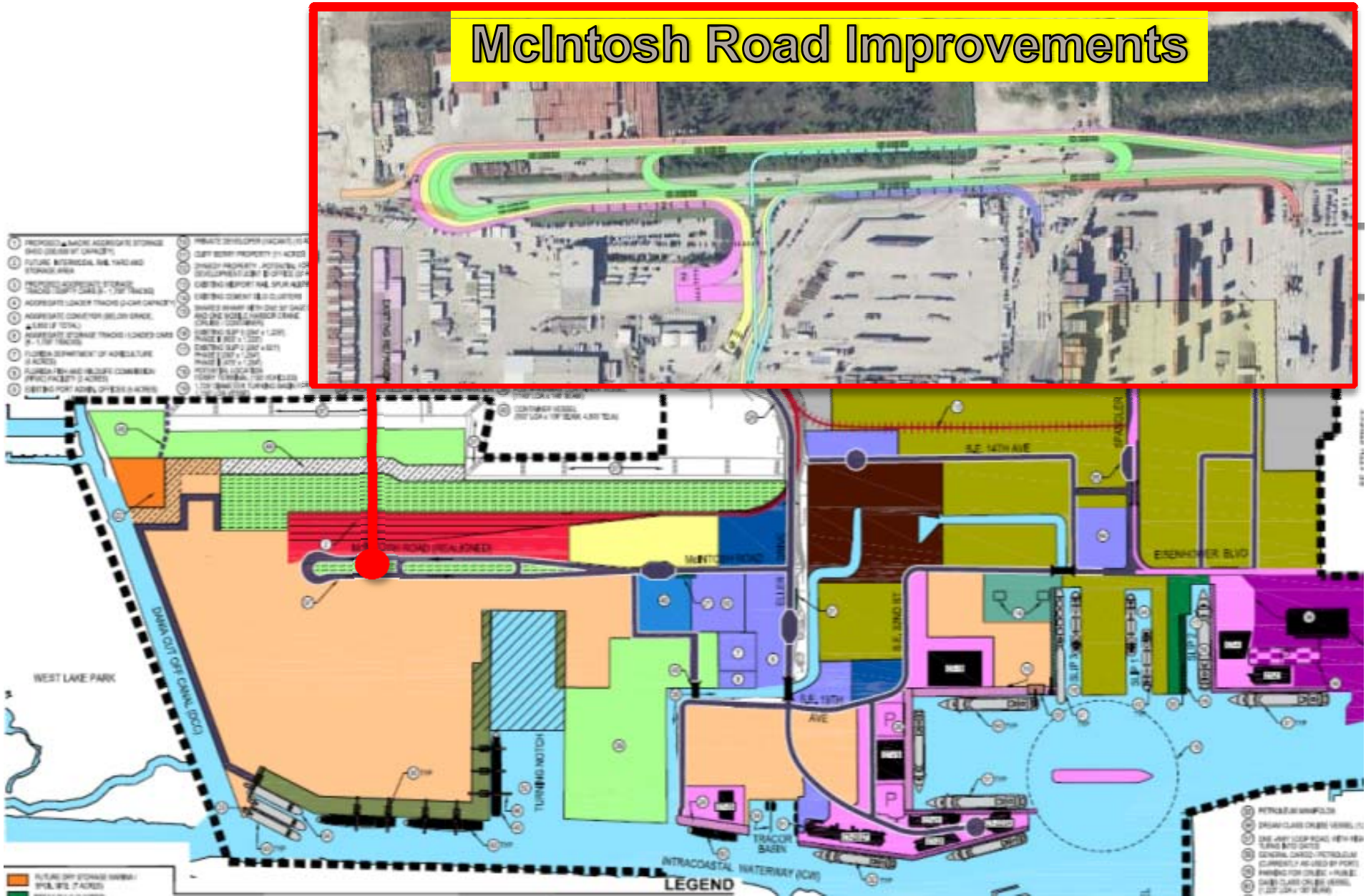
- 5-year Plan
 - Berths 9,10
- 10-year Plan
 - Berths 1,2,3
 - Berths 16, 17, 18
- 20-year Plan
 - Berths 19, 20
 - Berths 7, 8, 8A
 - Berths 21, 22
 - Berths 14, 15
 - Berth 4, 5
 - Berths 23, 24, 25
 - Berths 11, 12, 12A, 13, 13A

5-year Master Plan

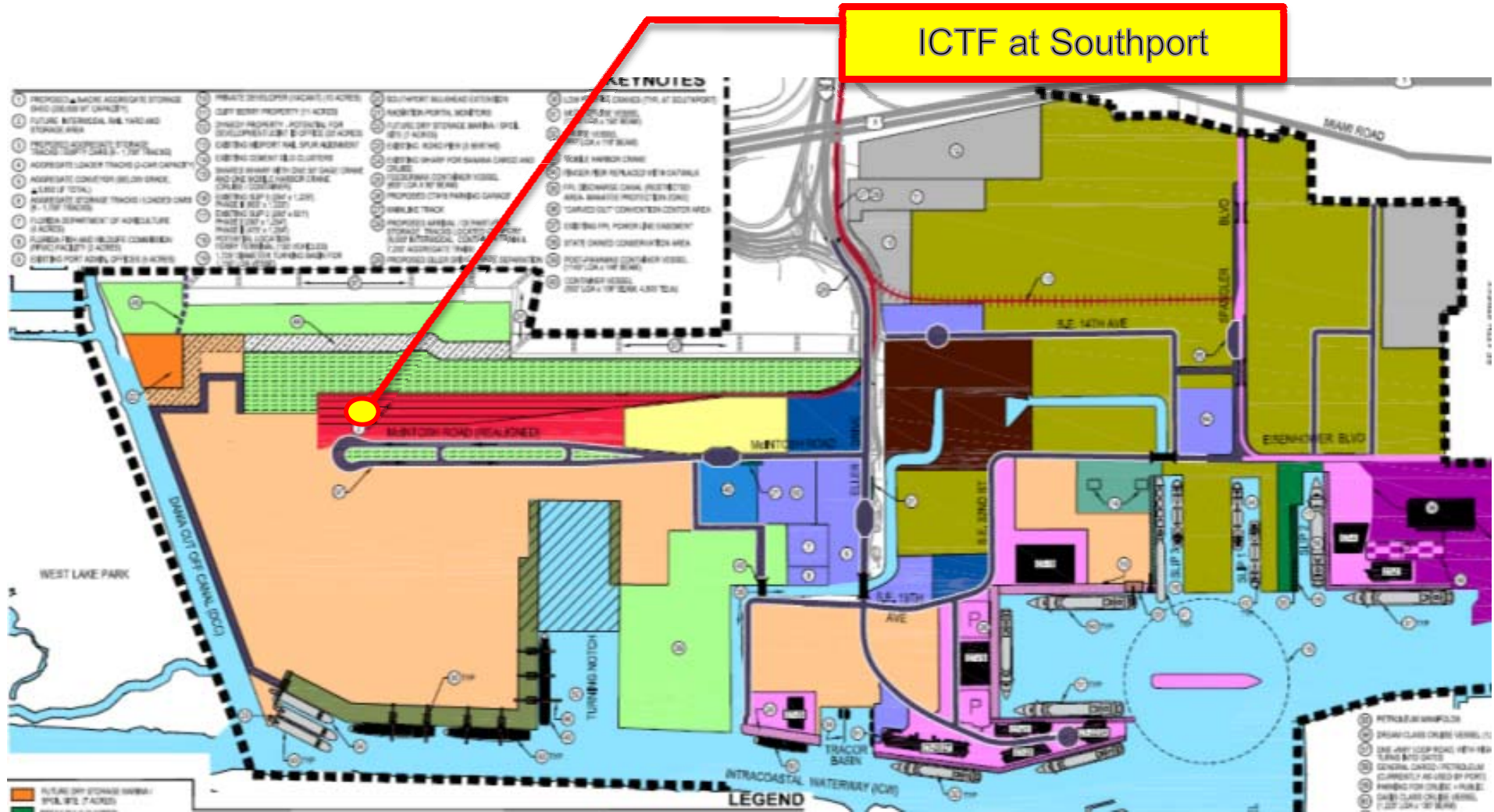


5-year Master Plan

McIntosh Road Improvements

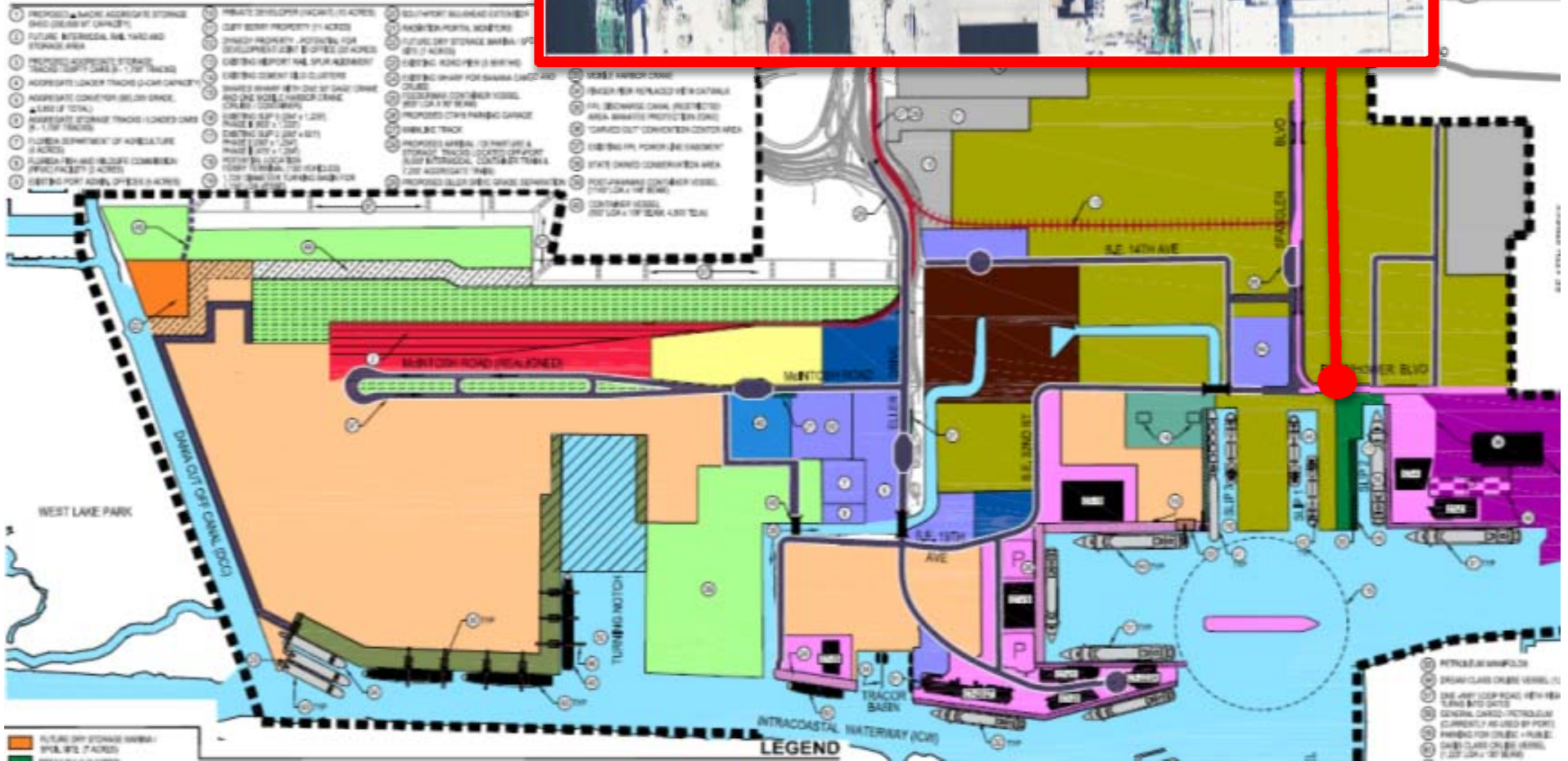


5-year Master Plan

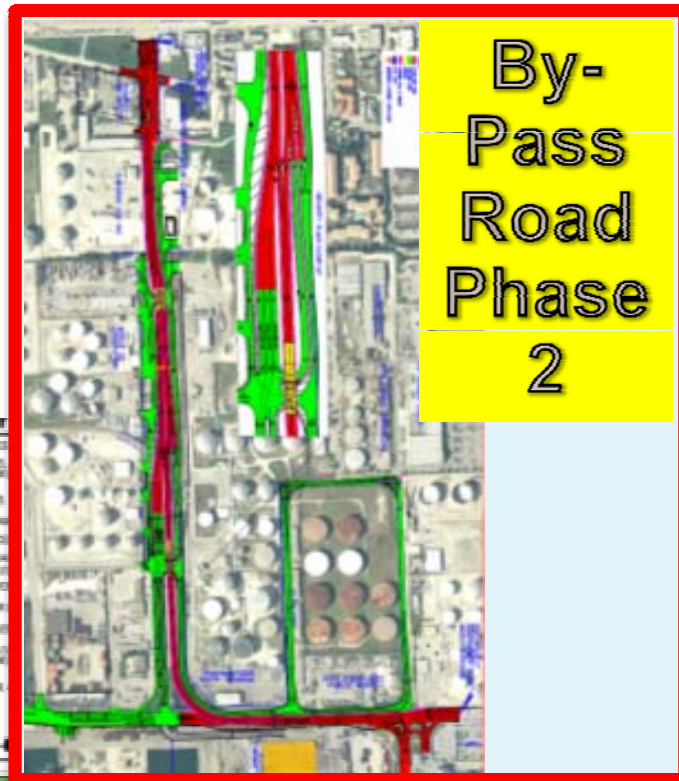


5-year Master Plan

By-Pass Road Phase 1



5-year Master Plan



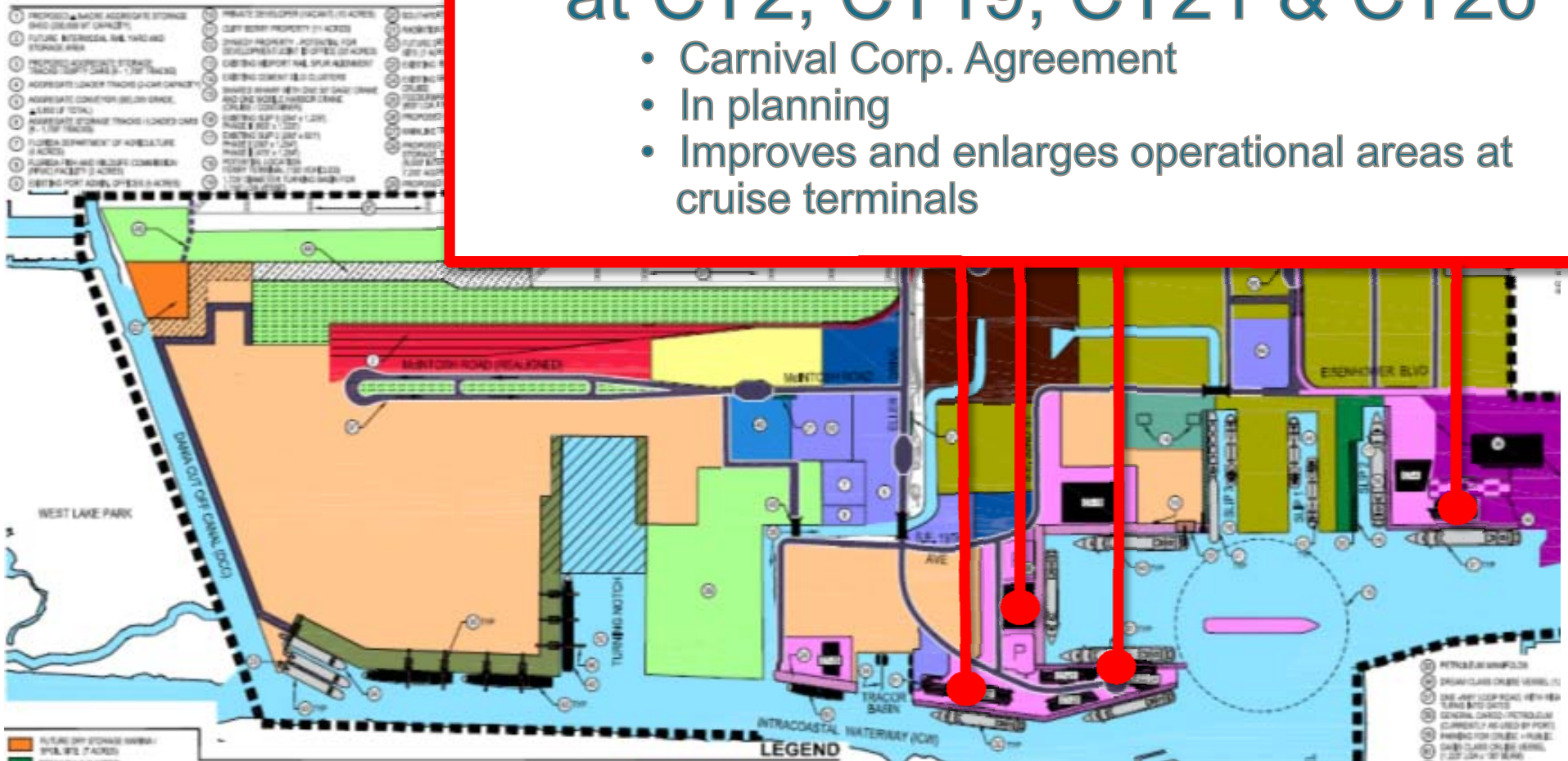
- | | | | |
|--|---|---|---|
| 1. PROPOSED MAJOR AGGREGATE STORAGE (540,000 CU YD CAPACITY) | 16. PRIVATE DEVELOPER (WORKS) 10 ACRES | 31. EQUIPMENT STORAGE EXTENSION | 46. LOW PROFILE CANALS |
| 2. FUTURE INTRACOASTAL RAIL YARD AND STORAGE AREA | 17. DRY BERRY PROPERTY 21 ACRES | 32. INVENTORY PORTAL MONITORING | 47. MEGA QUOTE YARD (770' x 104' BY 200') |
| 3. PROPOSED AGGREGATE STORAGE TRACKS (100' x 100' TRACKS) | 18. DRY BERRY PROPERTY - POTENTIAL FOR DEVELOPMENT 1.2 MI ² OF ACRES | 33. FUTURE DRY STORAGE AREA (100' x 100' x 4 ACRES) | 48. CRANE YARDS (200' x 100' BY 200') |
| 4. AGGREGATE LOADING TRACKS (200' x 100' TRACKS) | 19. EXISTING REPORT RAIL SPUR ALIGNMENT | 34. EXISTING ROADWAY (3 WAYING) | 49. MOBILE HARBOUR CAPACITY |
| 5. AGGREGATE STORAGE TRACKS (200' x 100' TRACKS) | 20. EXISTING CONCRETE PAVEMENT | 35. EXISTING DRIVE FOR SHAWNA CANALS AND CANALS | 50. STACKS FOR POLYMER |
| 6. AGGREGATE STORAGE TRACKS (200' x 100' TRACKS) | 21. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 36. EXISTING CONTAINER YARD (100' x 100' BY 200') | 51. FULL SCALEWARE CAPACITY |
| 7. FLORIDA DEPARTMENT OF AGRICULTURE (5 ACRES) | 22. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 37. PROPOSED DRIVE PARKING GARAGE | 52. CRANES FOR POLYMER |
| 8. FLORIDA DEPARTMENT OF AGRICULTURE (5 ACRES) | 23. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 38. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 53. STATE CANALS (200' x 100' BY 200') |
| 9. EXISTING PORT AREA (200' x 100' BY 200') | 24. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 39. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 54. PORT OPERATING (200' x 100' BY 200') |
| | 25. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 40. EXISTING DRIVEWAY FOR SHAWNA CANALS AND CANALS | 55. CONTAINER YARD (200' x 100' BY 200') |



5-year Master Plan

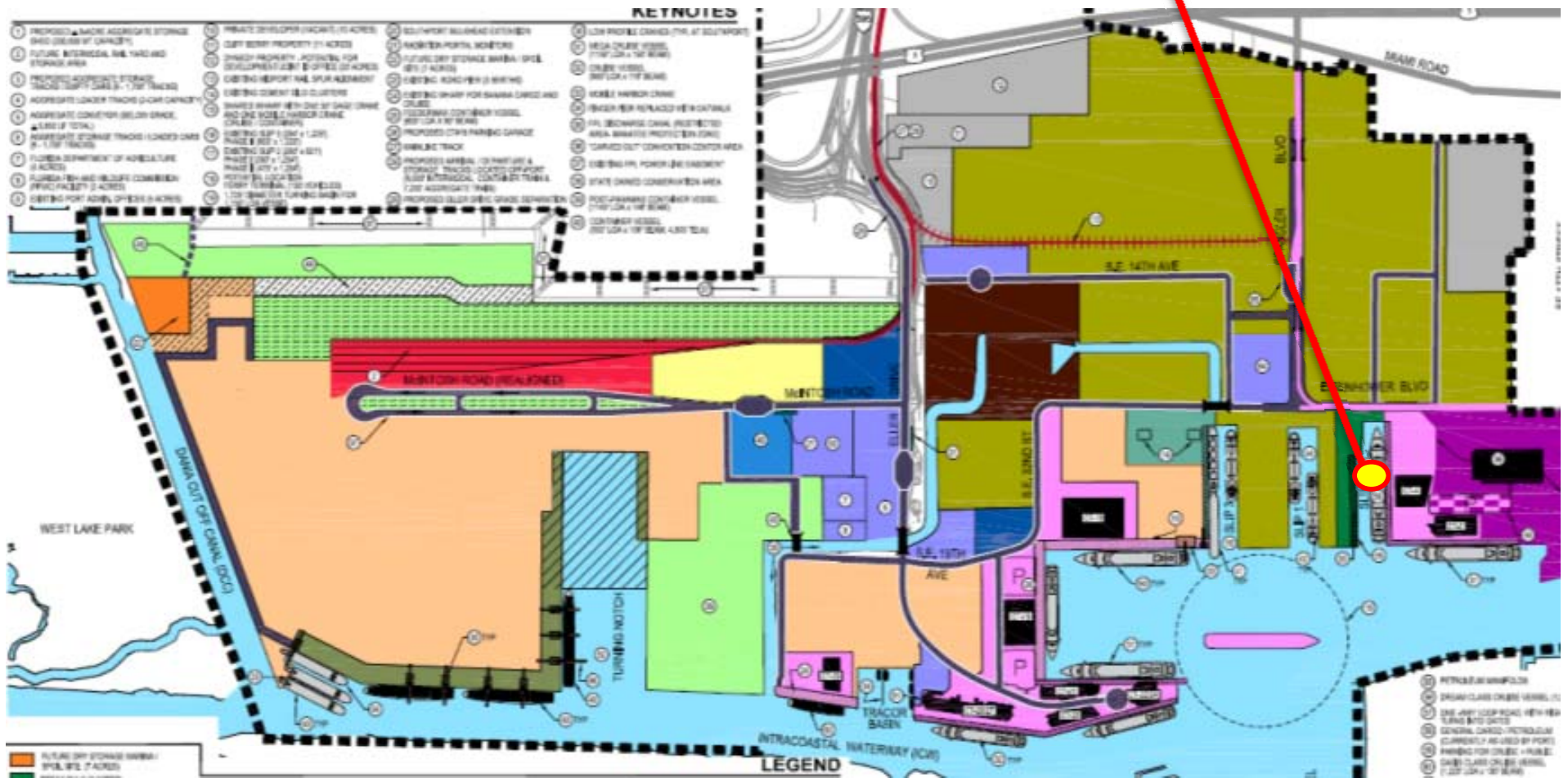
Cruise Terminal Improvements at CT2, CT19, CT21 & CT26

- Carnival Corp. Agreement
- In planning
- Improves and enlarges operational areas at cruise terminals



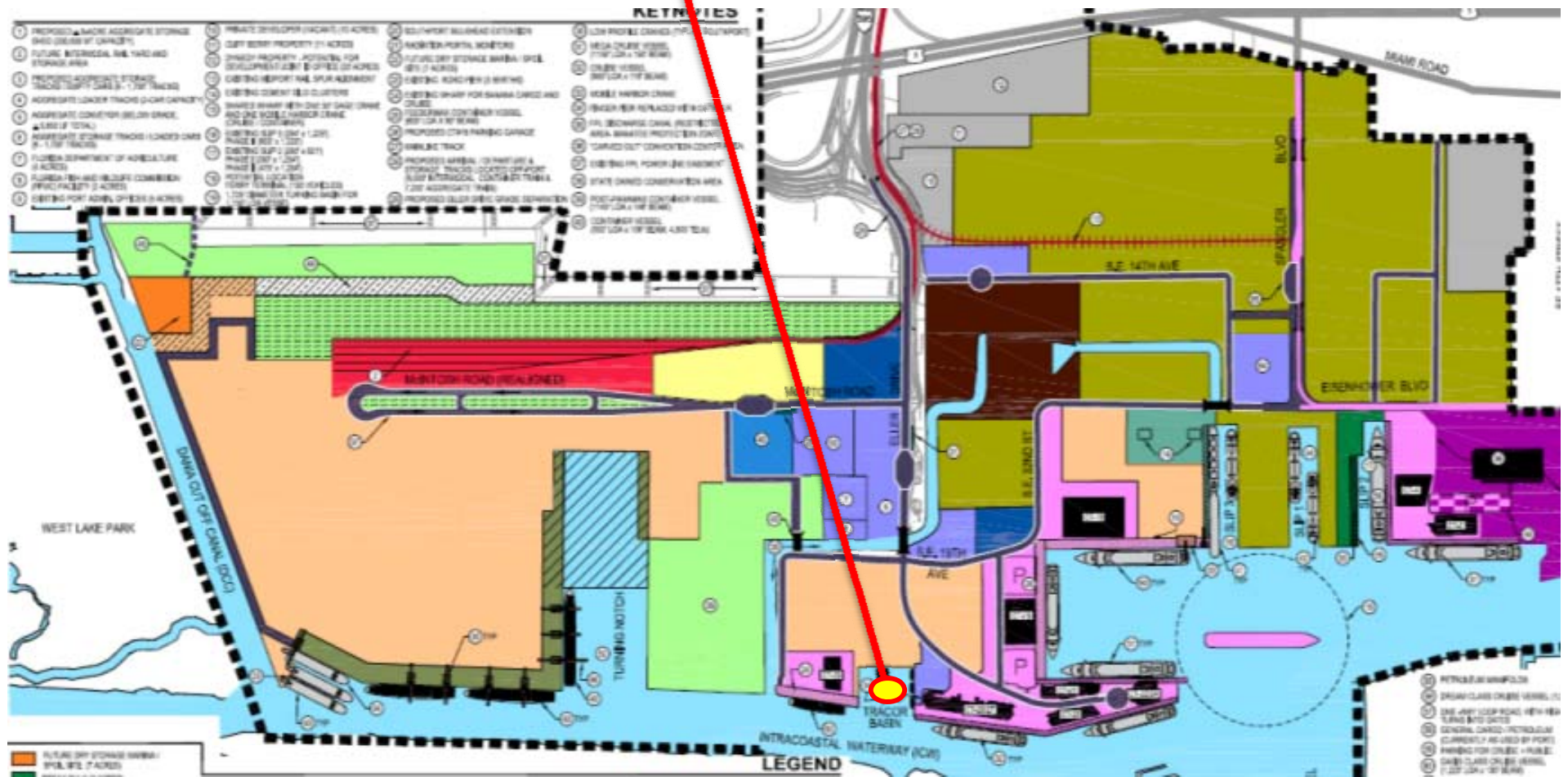
5-year Master Plan

Lengthen Slip 2



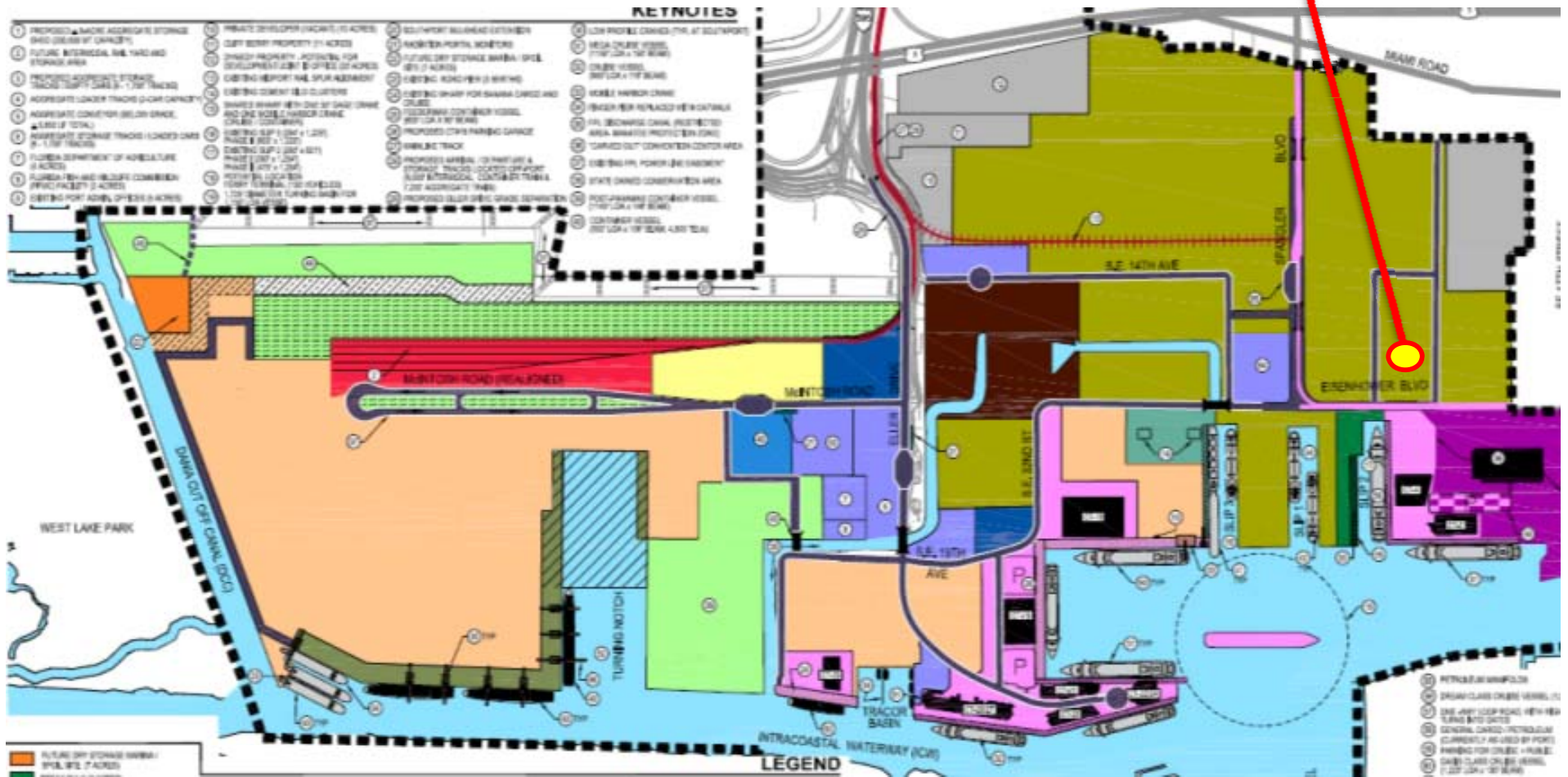
5-year Master Plan

Tracor Basin Finger Pier
Replace with
Catwalk+Dolphin



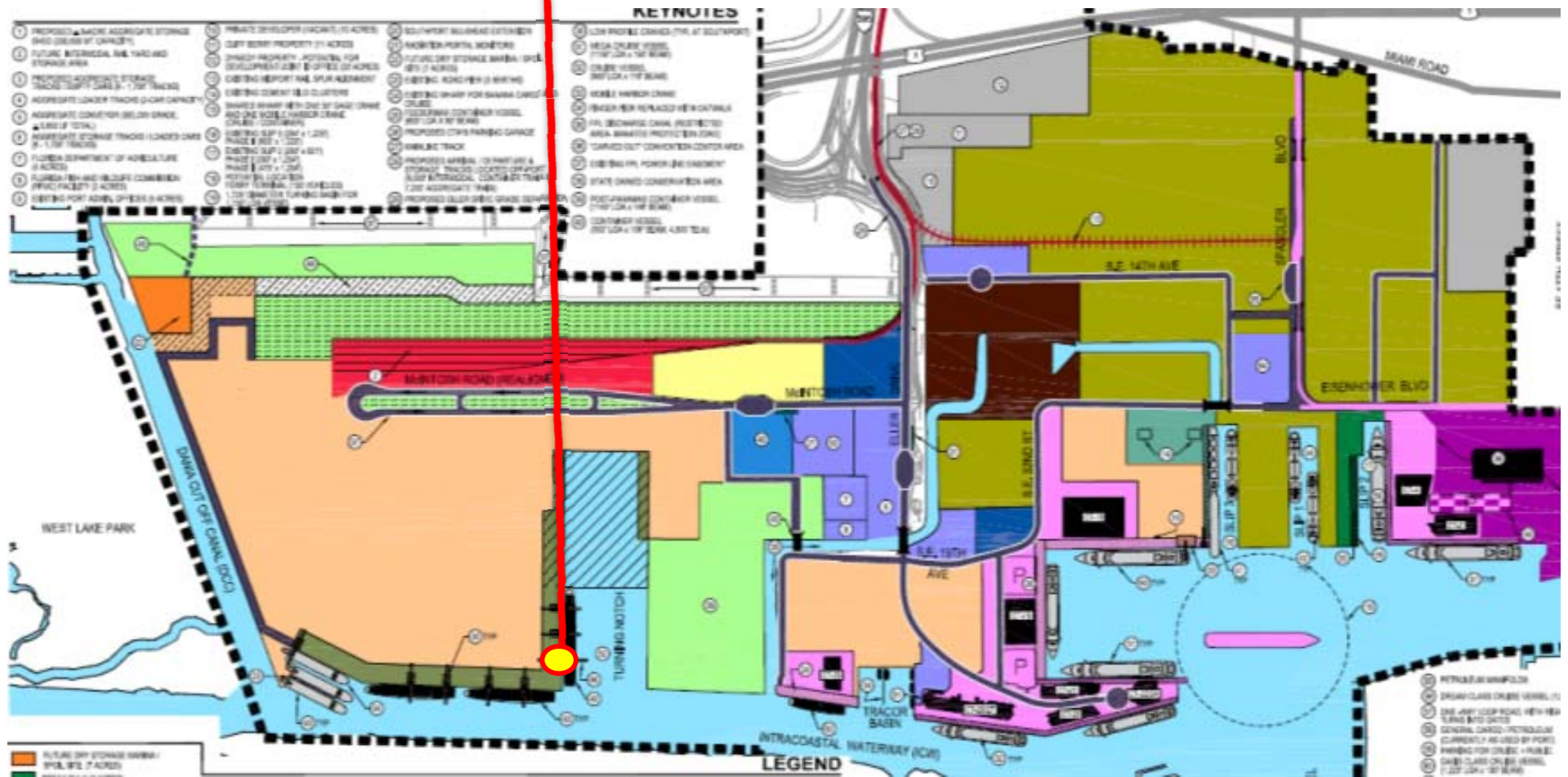
5-year Master Plan

Petroleum Tankfarm Redevelopment

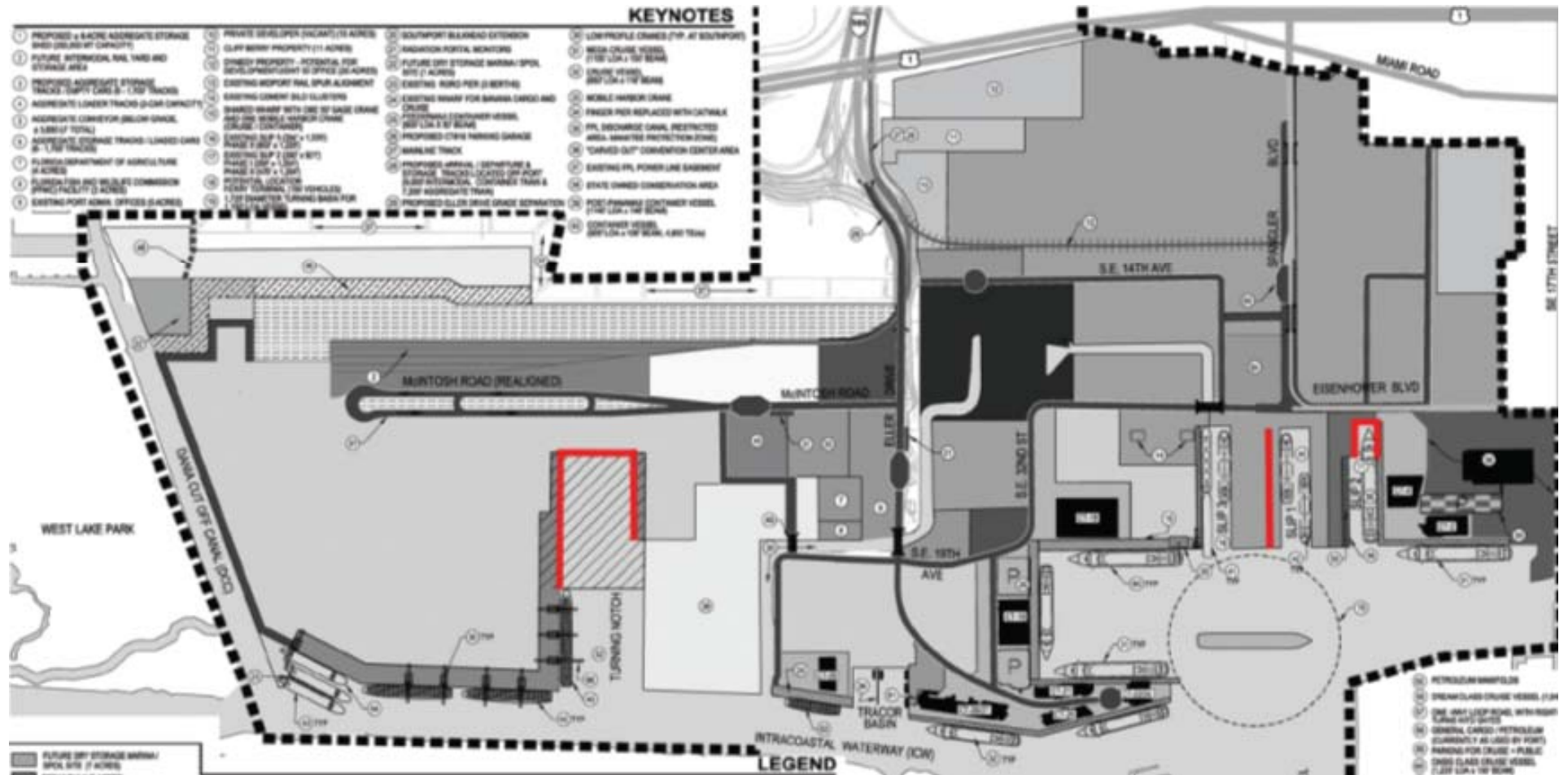


5-year Master Plan

Super Post Panamax
Crane (1)

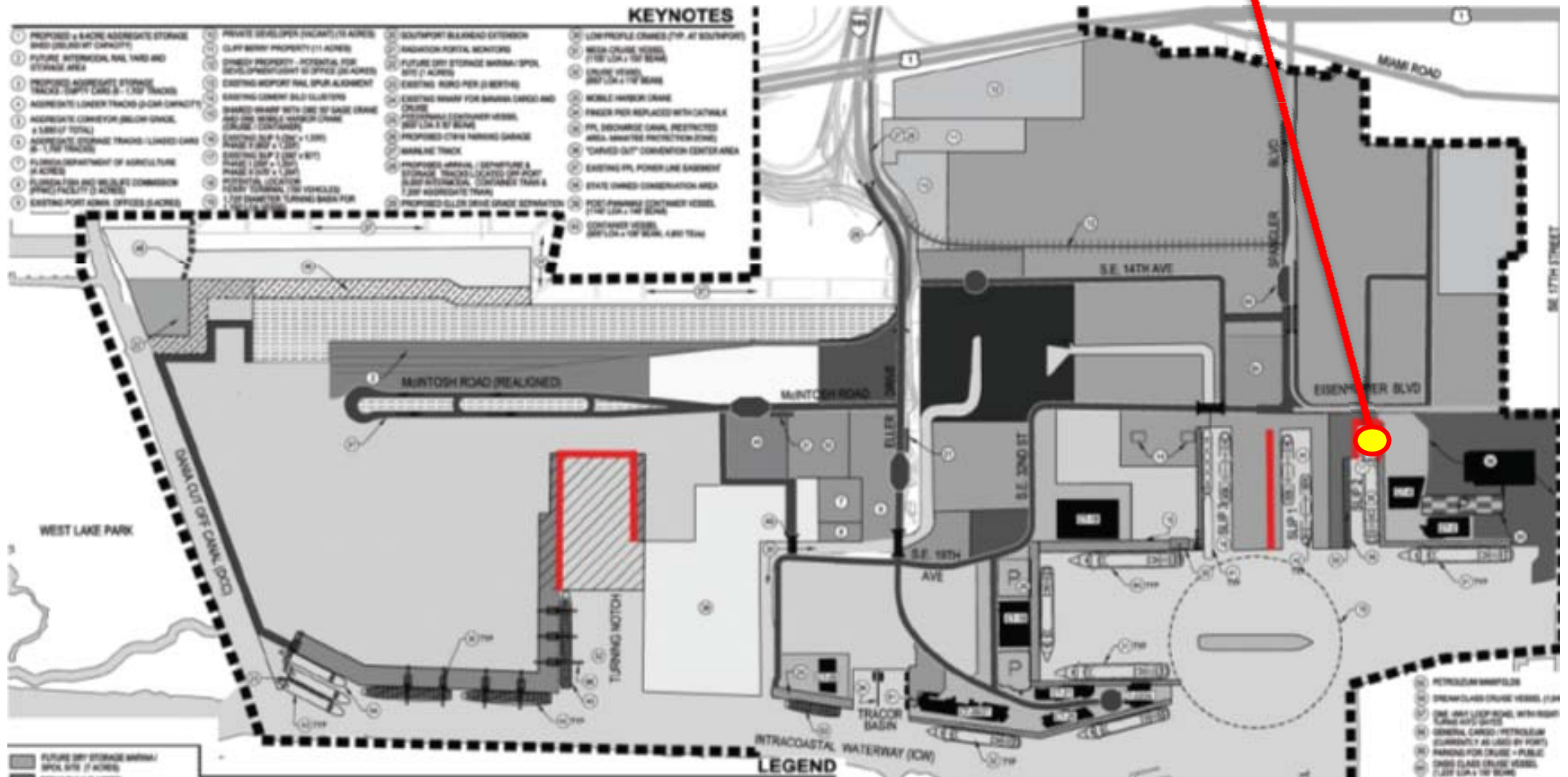


5-year Master Plan, Bulkhead Projects



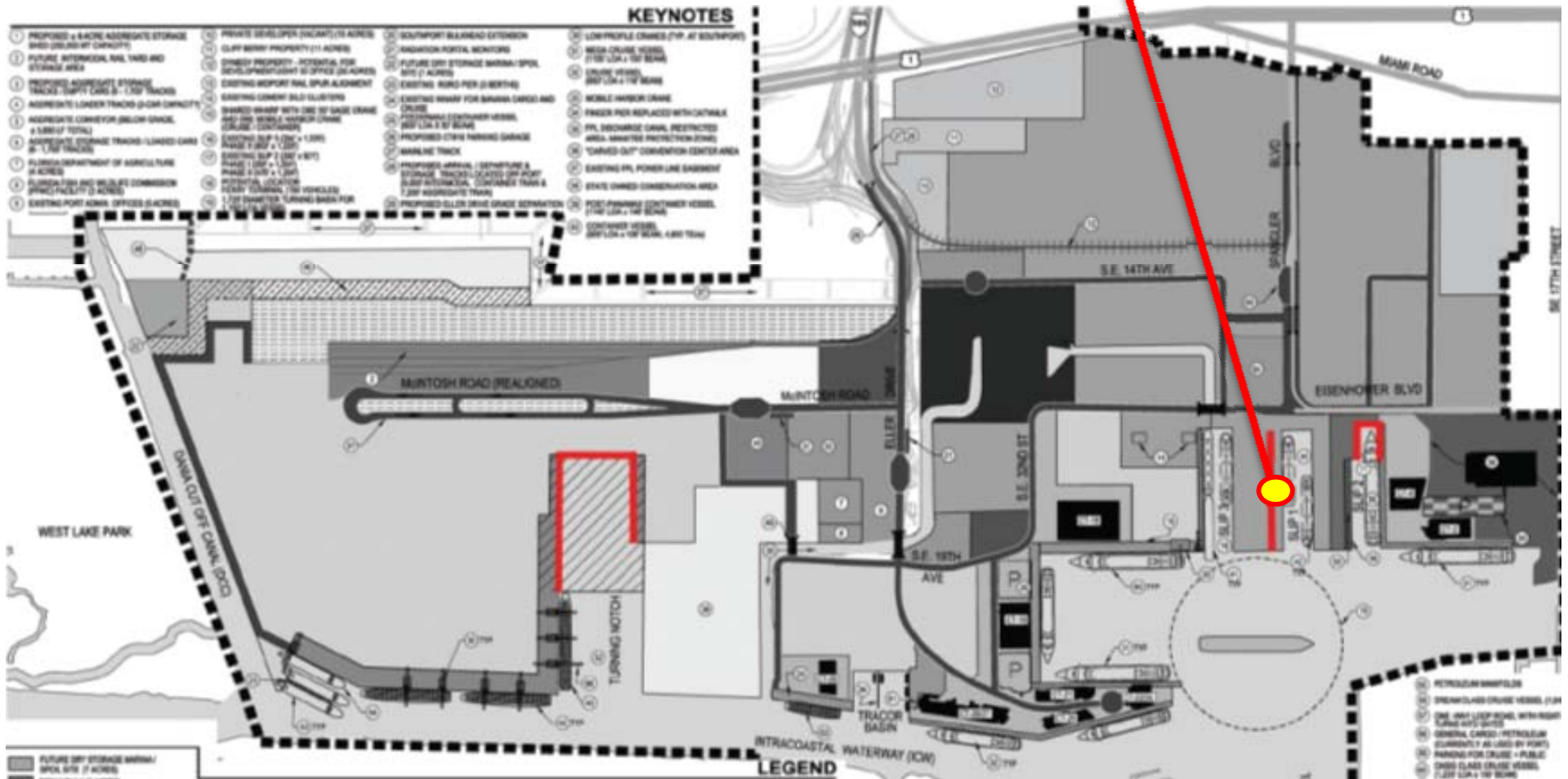
5-year Master Plan, Bulkhead Projects

New Bulkhead for Slip 2 Expansion



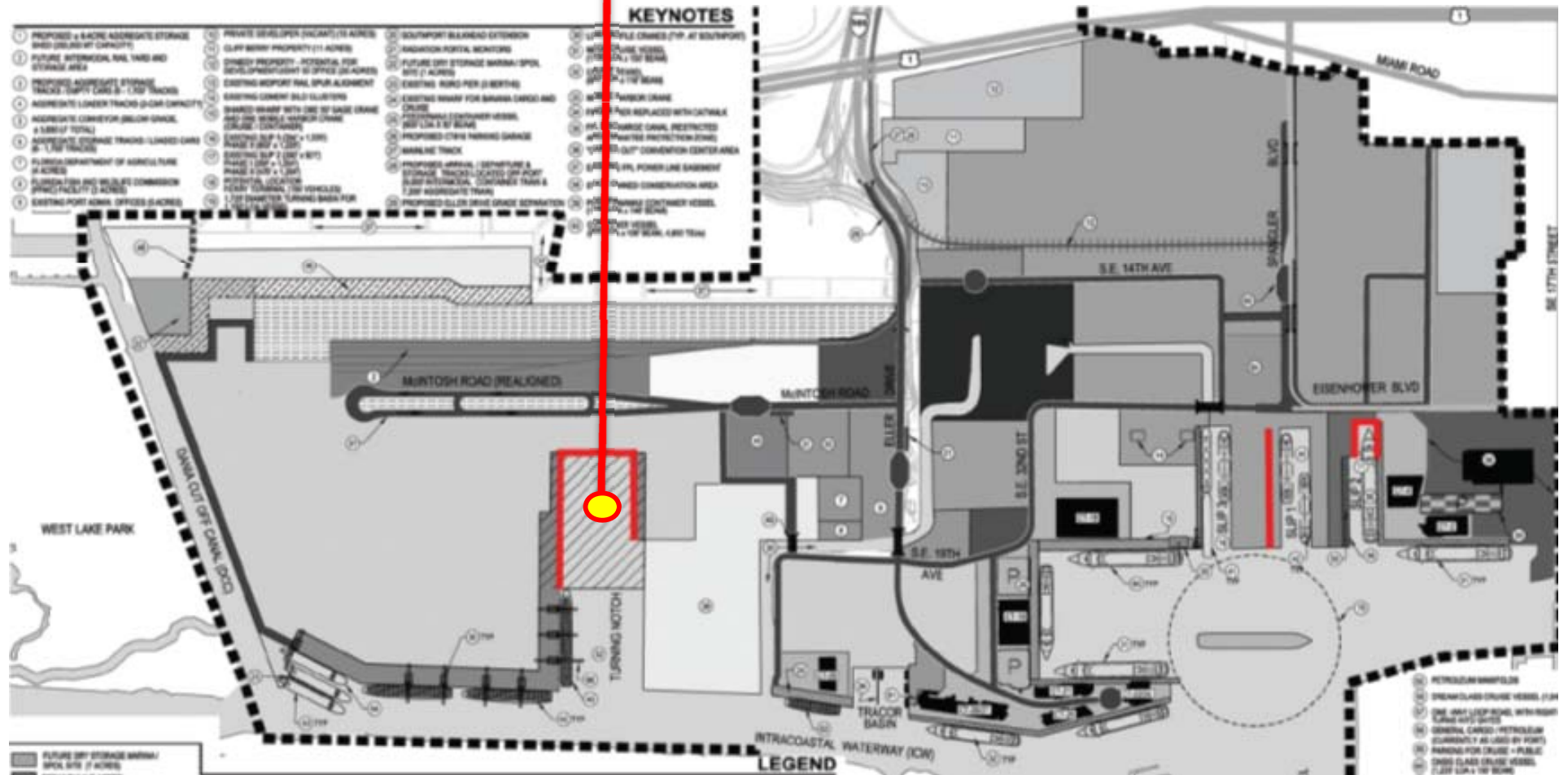
5-year Master Plan, Bulkhead Projects

Berth 9 and 10 Bulkhead Replacement

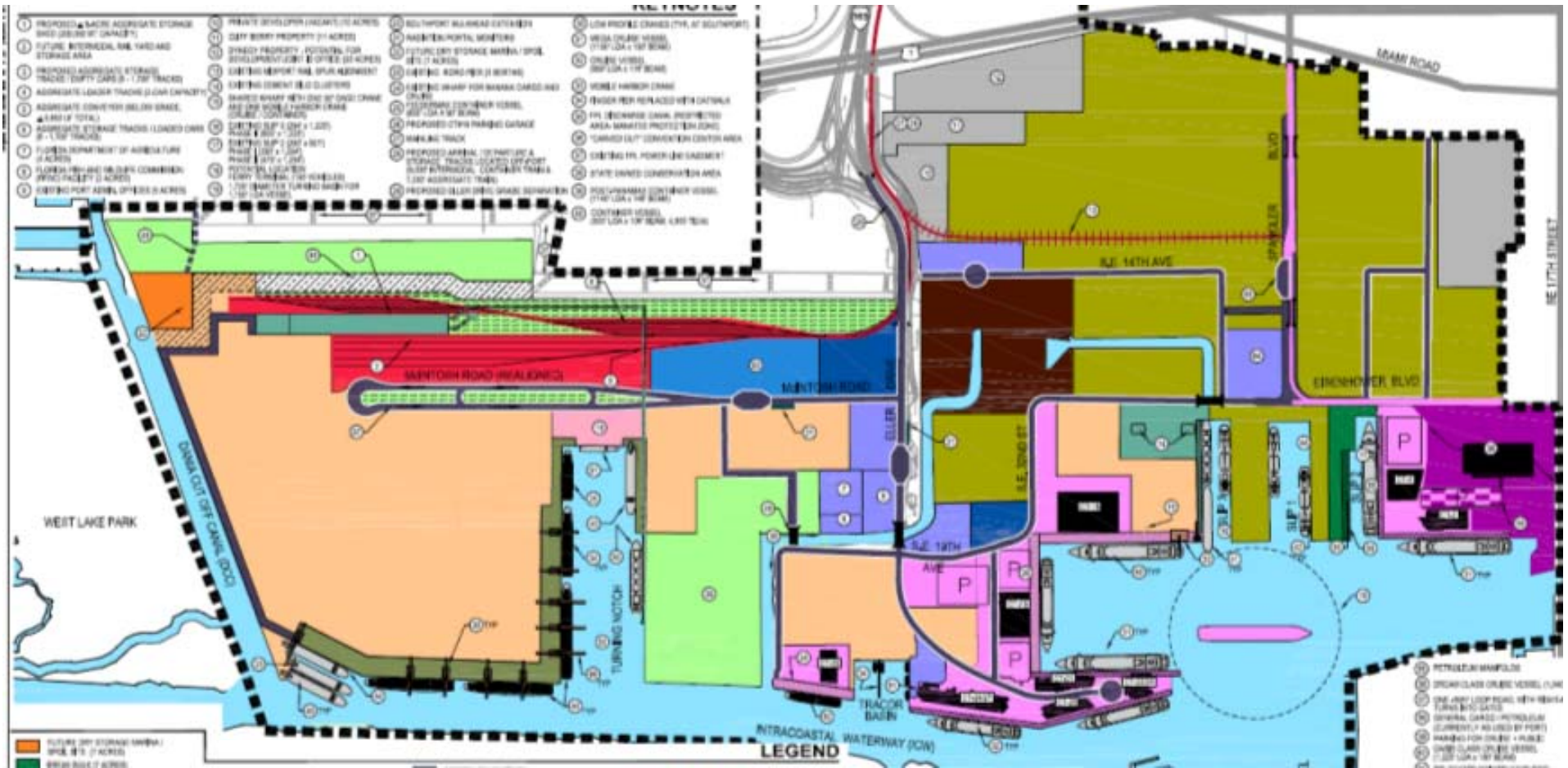


5-year Master Plan, Bulkhead Projects

New Bulkhead for Expanded Turning Notch

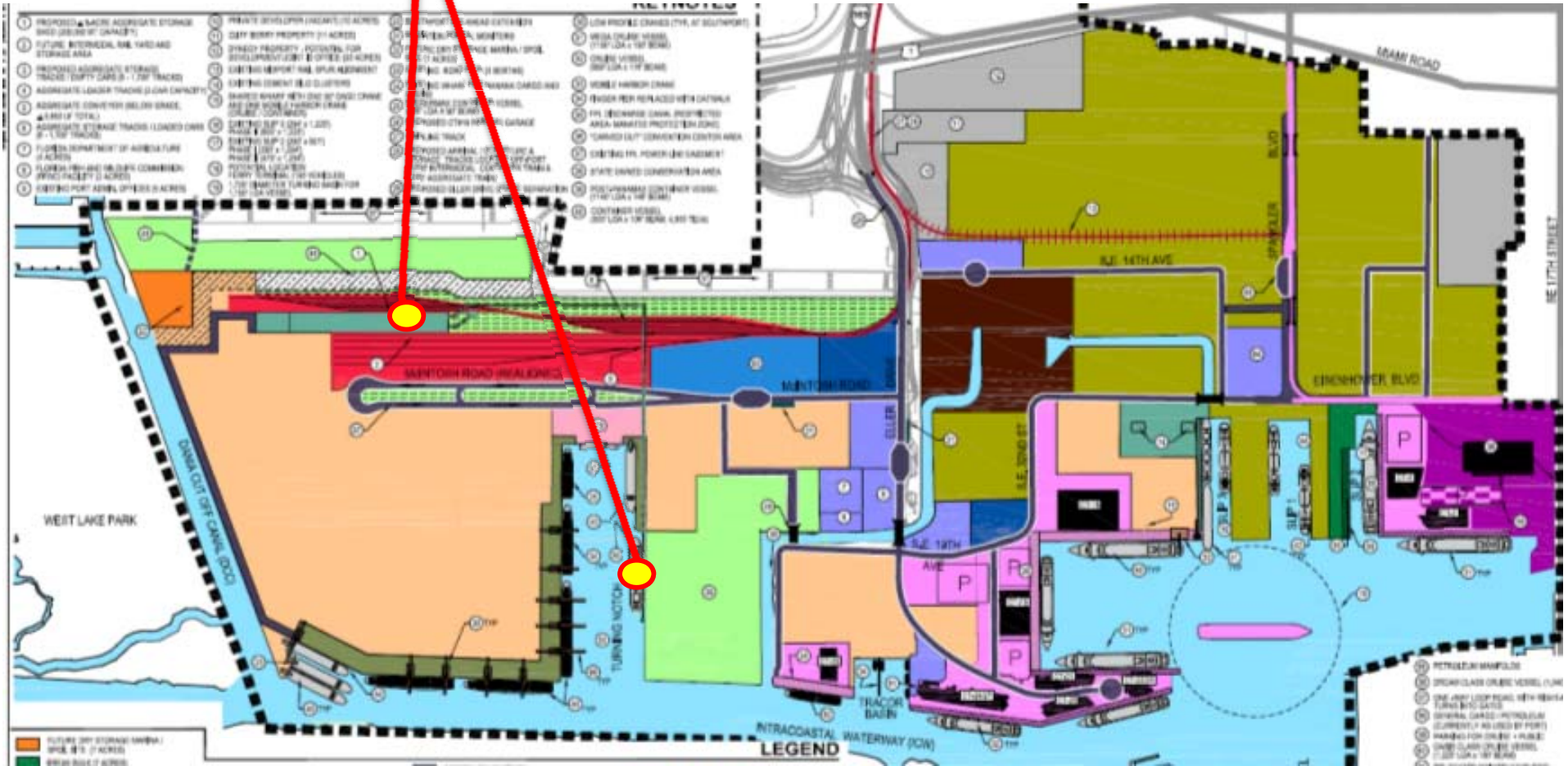


10-year Vision Plan



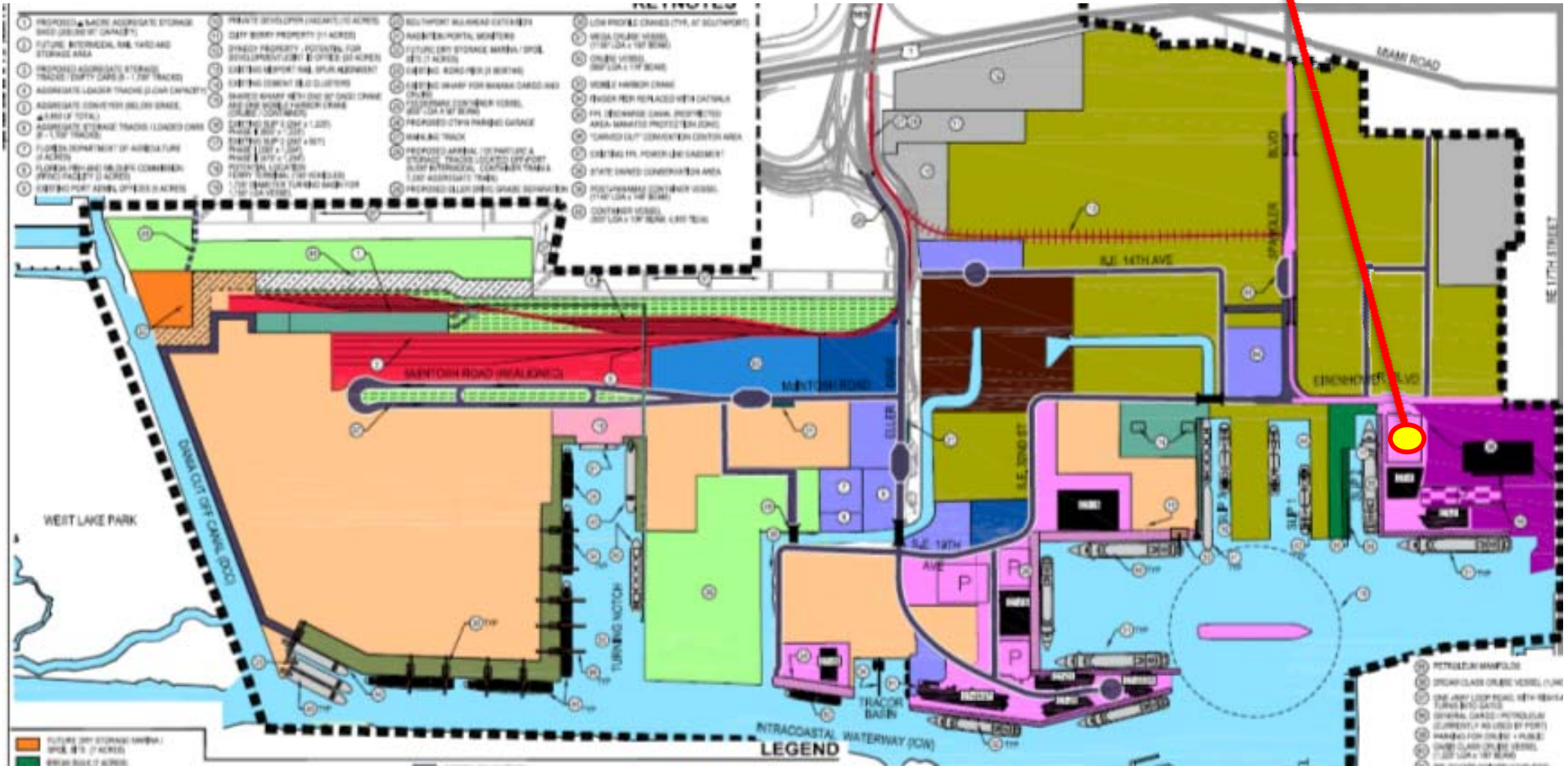
10-year Vision Plan

Crushed Rock Facility



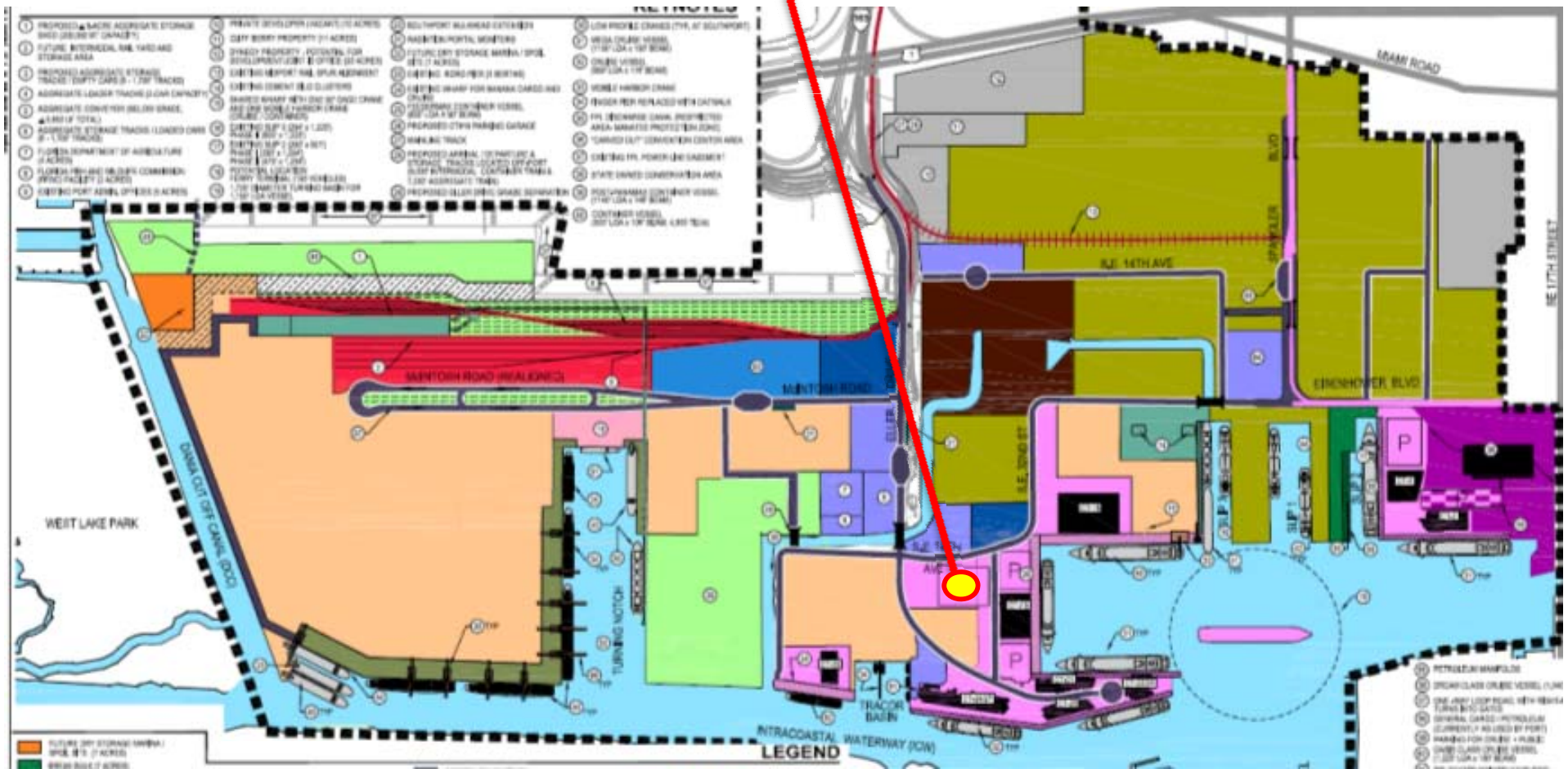
10-year Vision Plan

CT # 4 Parking Garage



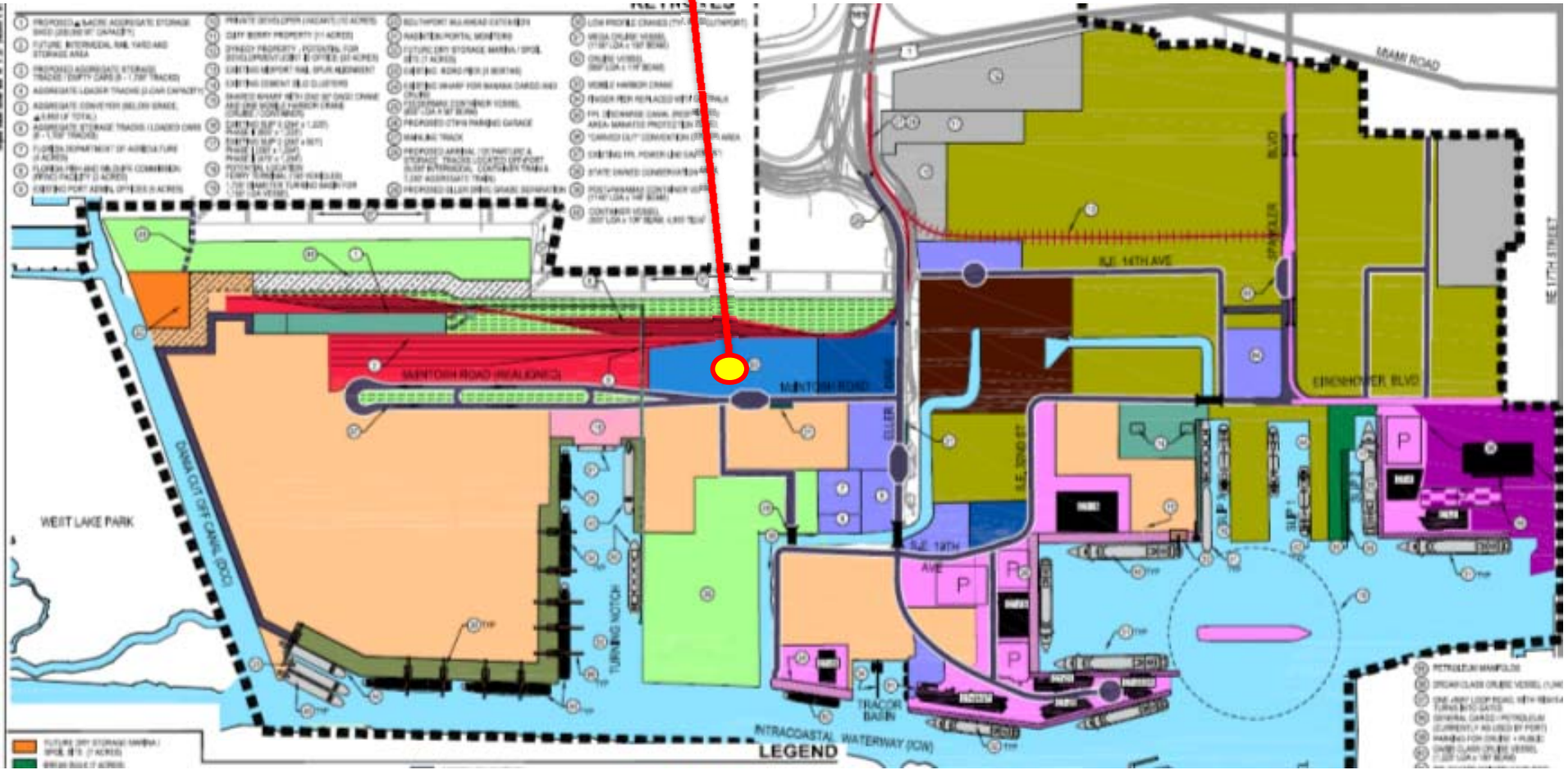
10-year Vision Plan

Multimodal Facility Phase 1



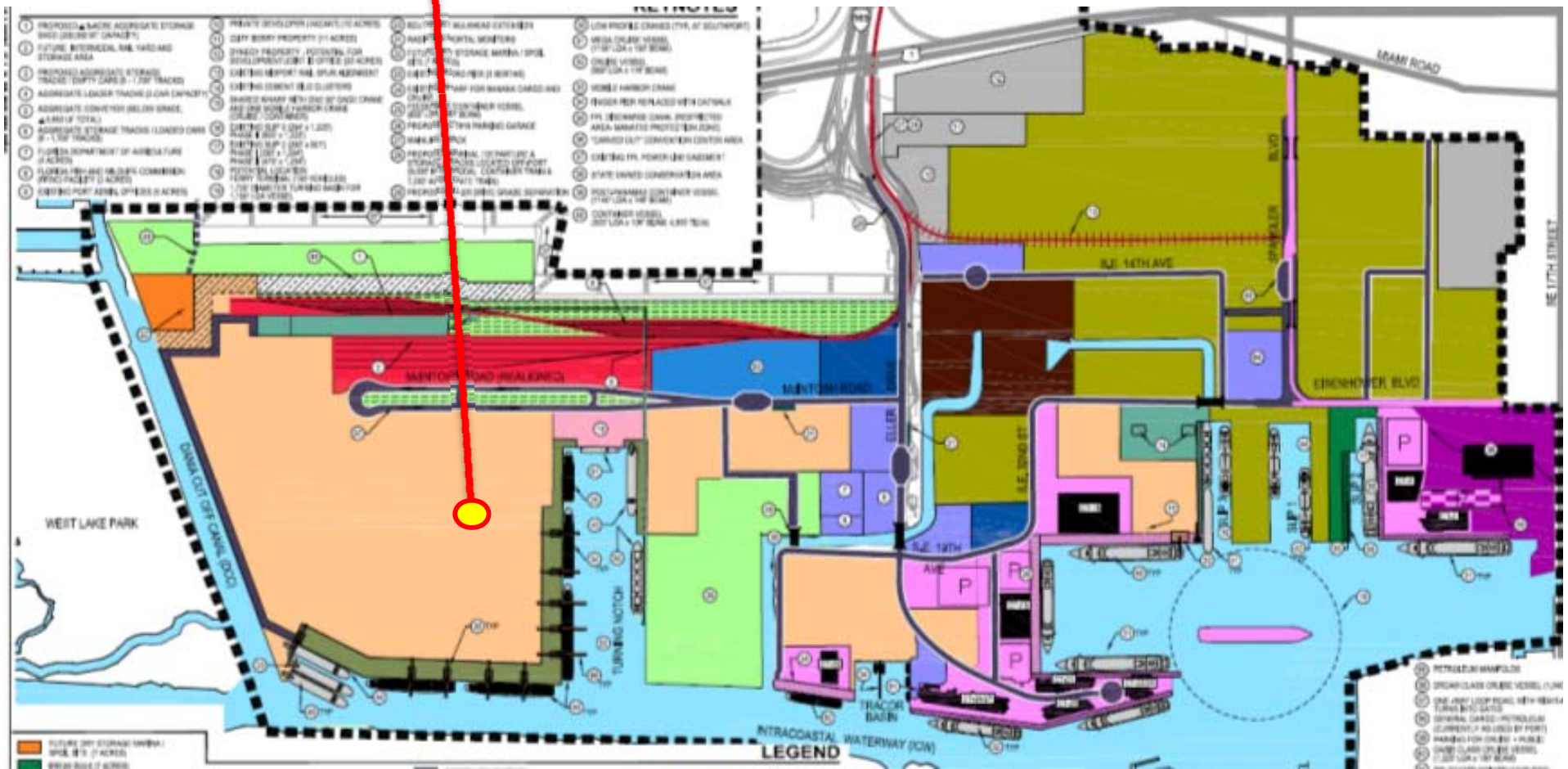
10-year Vision Plan

**FTZ + CBP
Relocation**

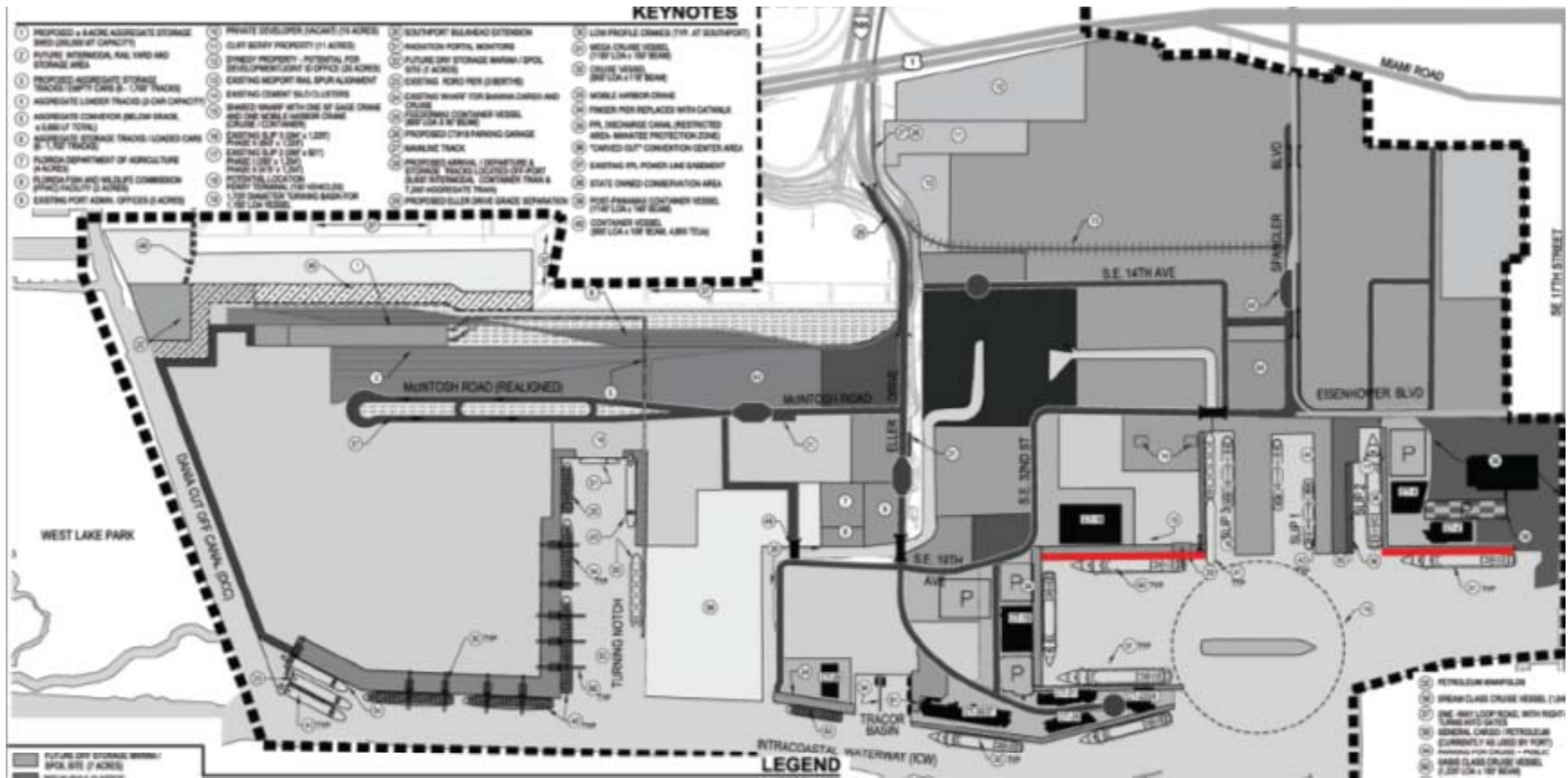


10-year Vision Plan

Container Yard Improvements

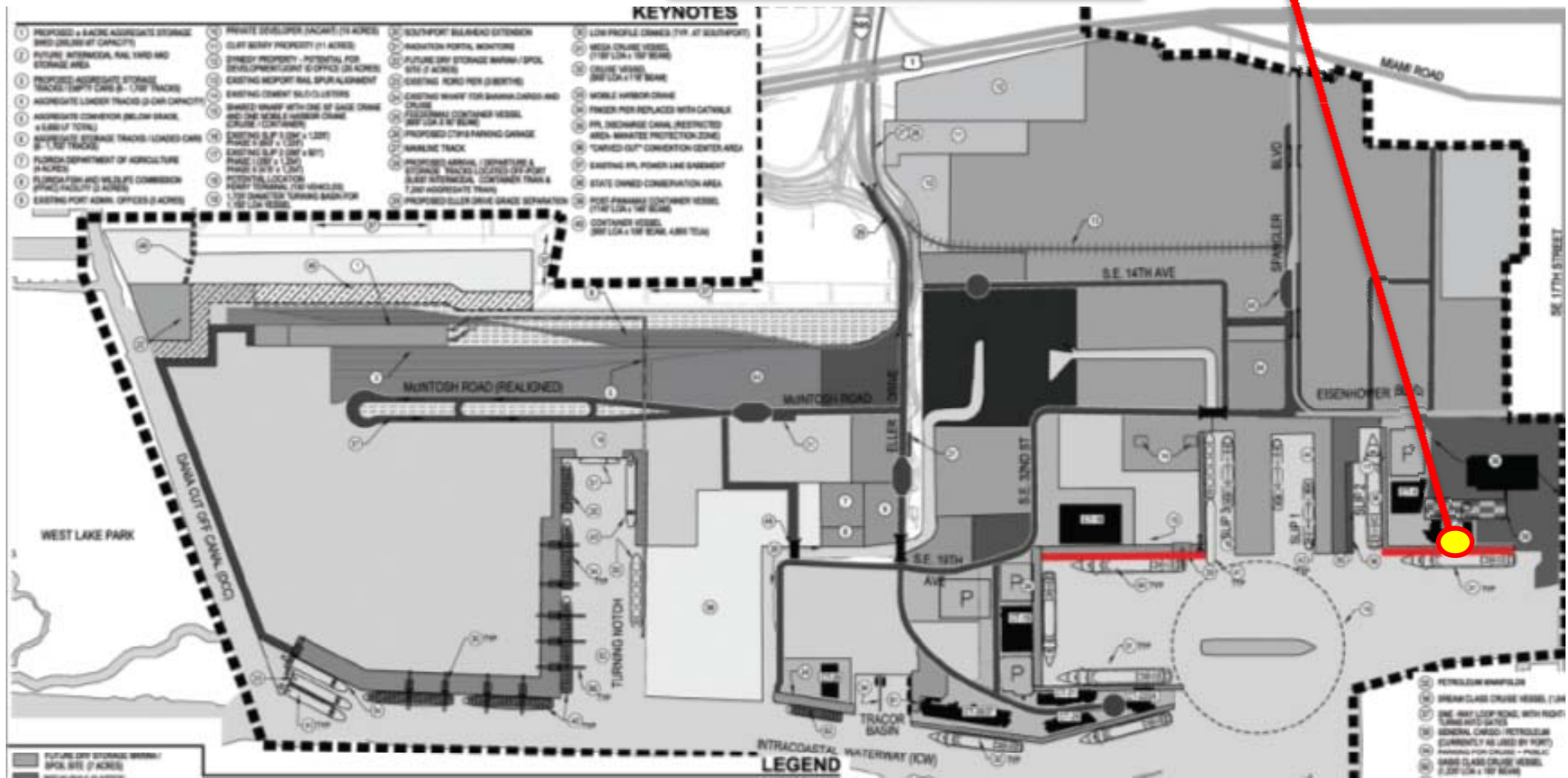


10-year Vision Plan, Bulkhead Projects



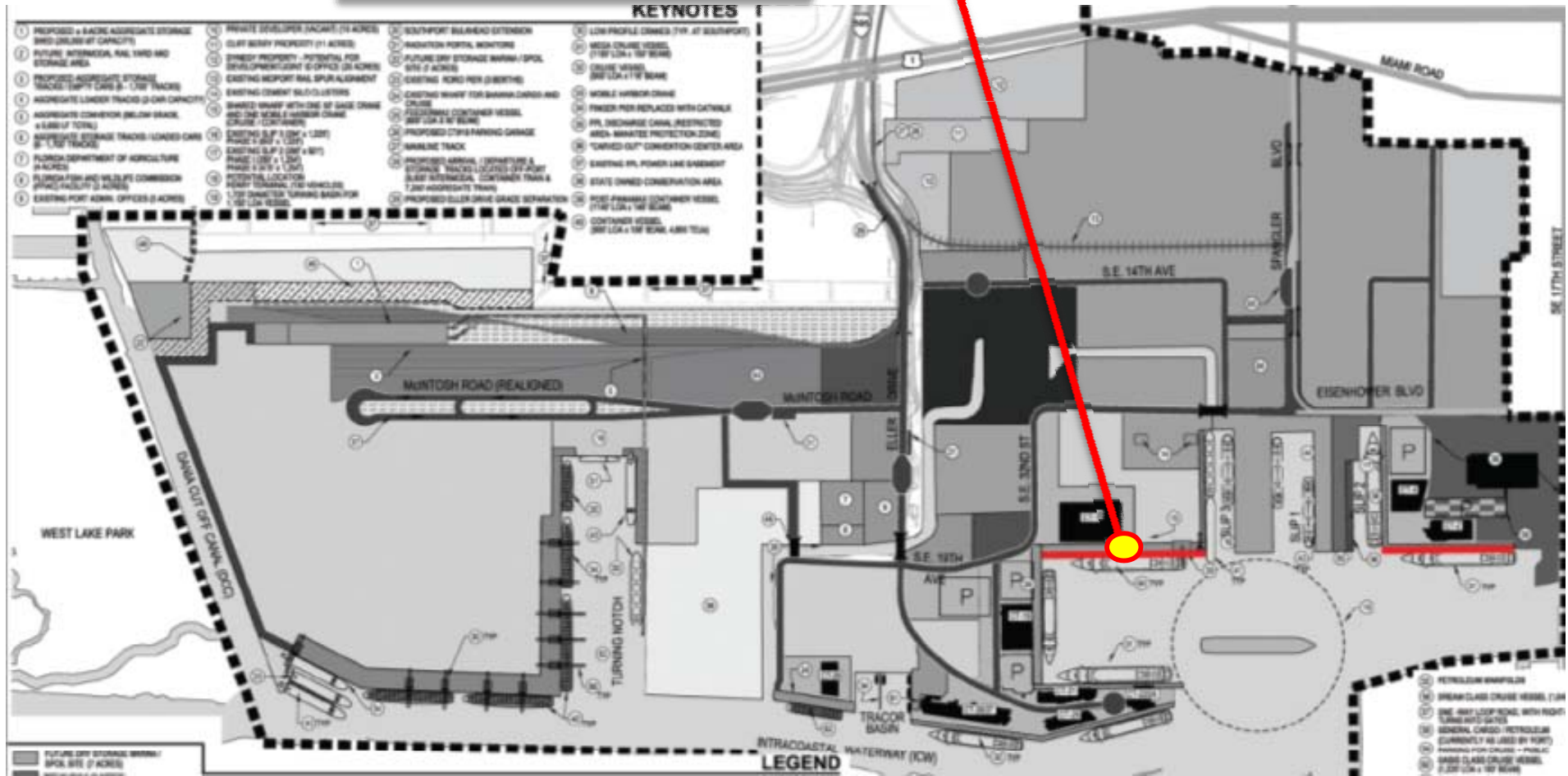
10-year Vision Plan, Bulkhead Projects

Berth 1, 2 and 3
Bulkhead Replacement

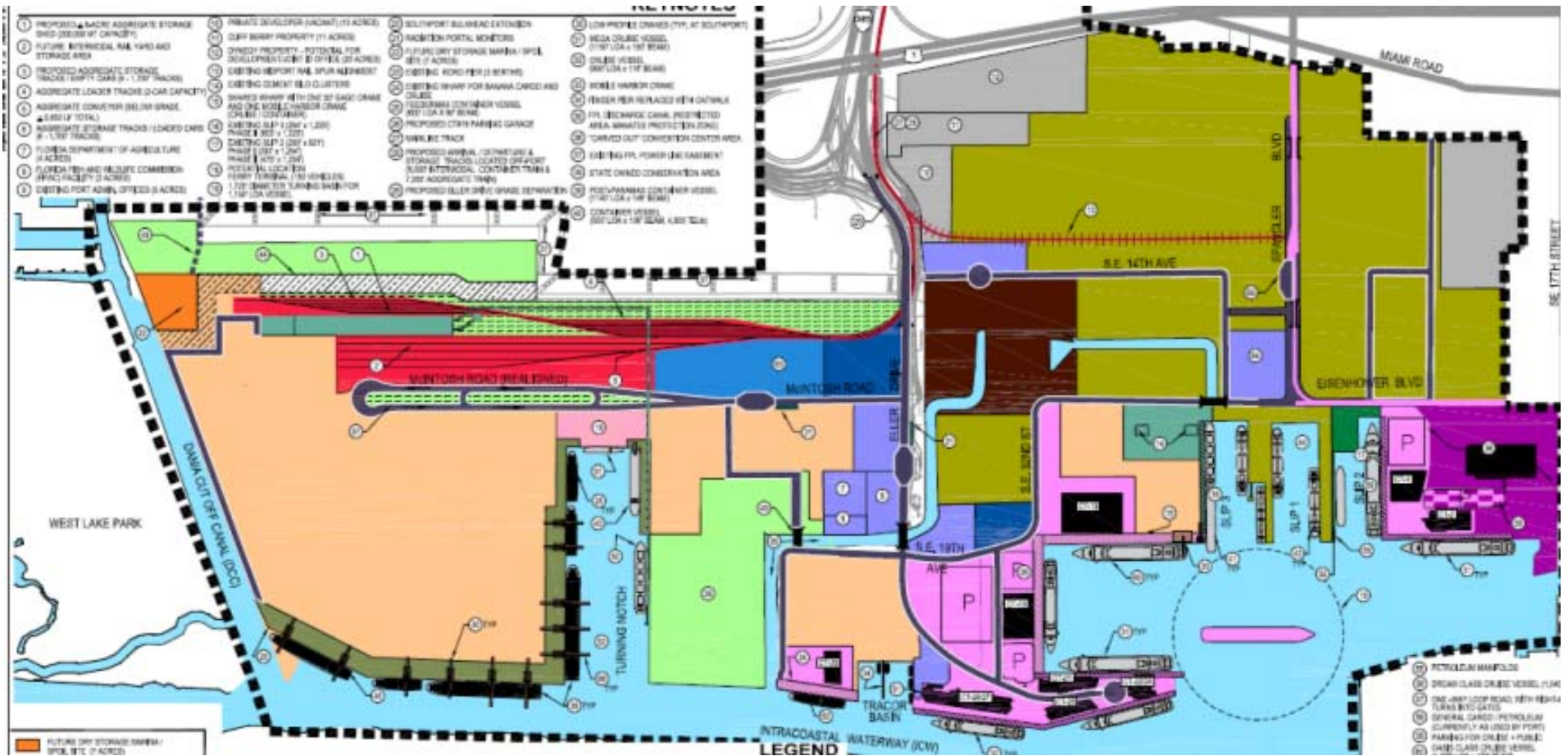


10-year Vision Plan, Bulkhead Projects

Berth 16 and 17
Bulkhead Replacement

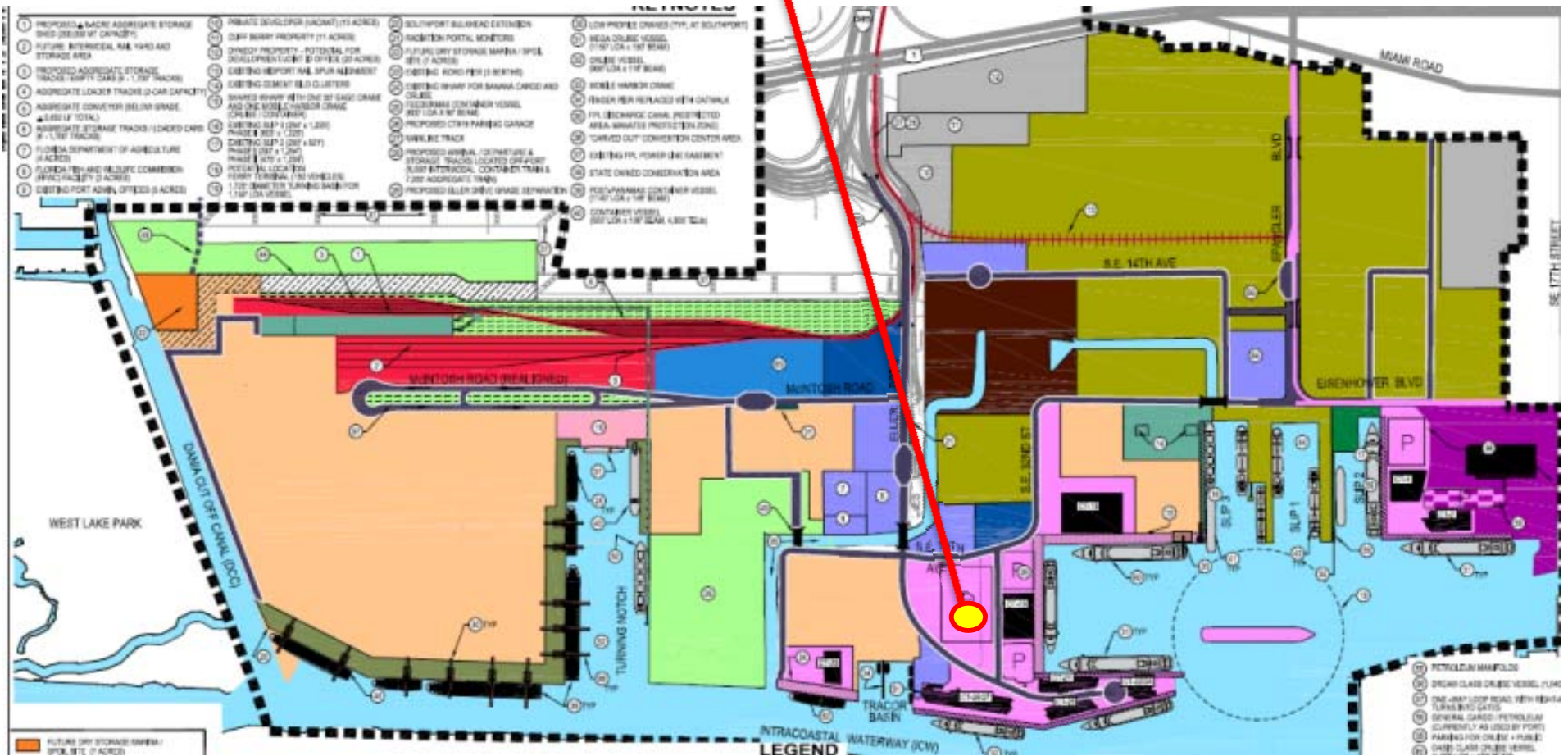


20-year Vision Plan



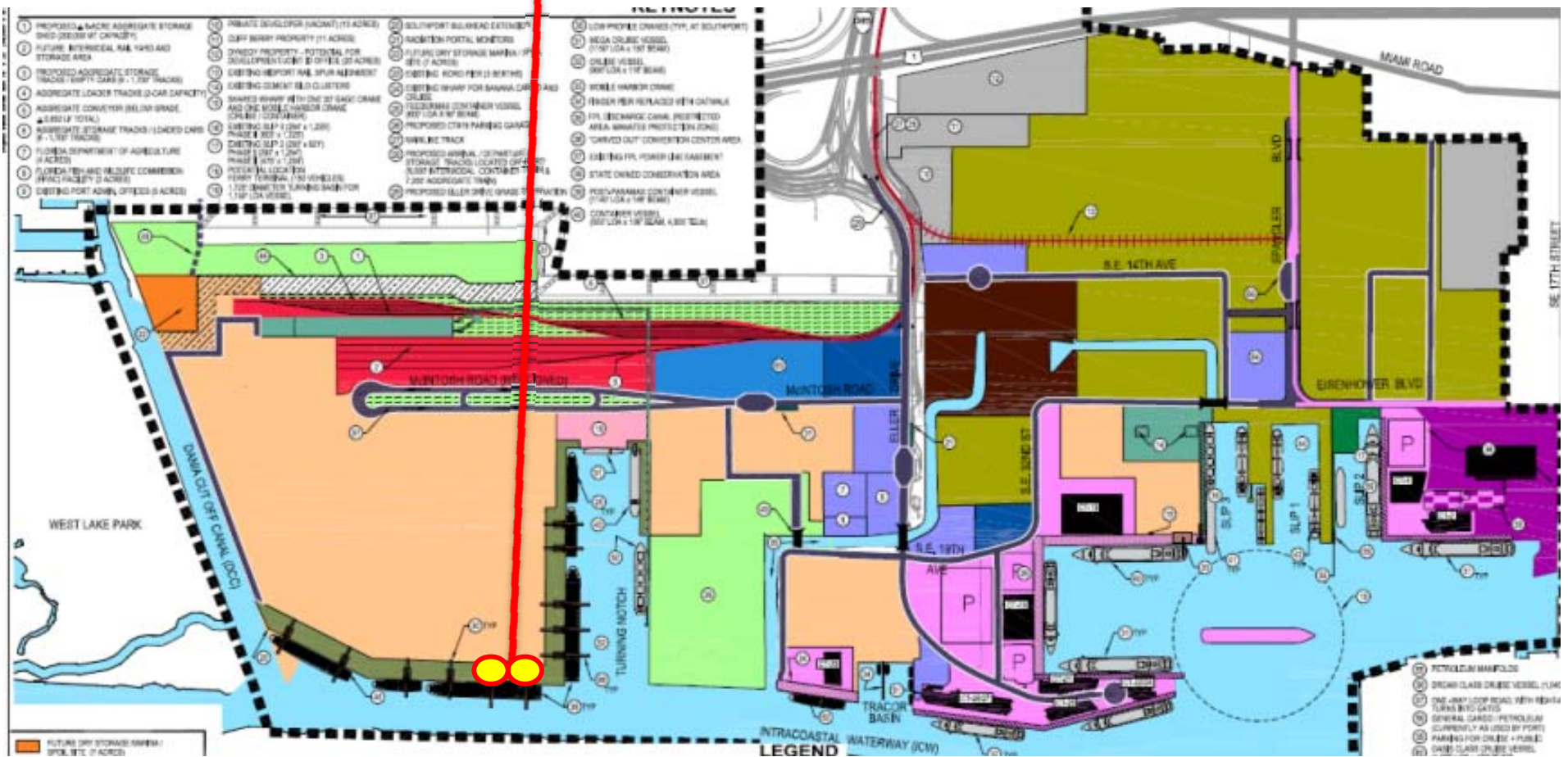
20-year Vision Plan

Multimodal Facility Phase 2

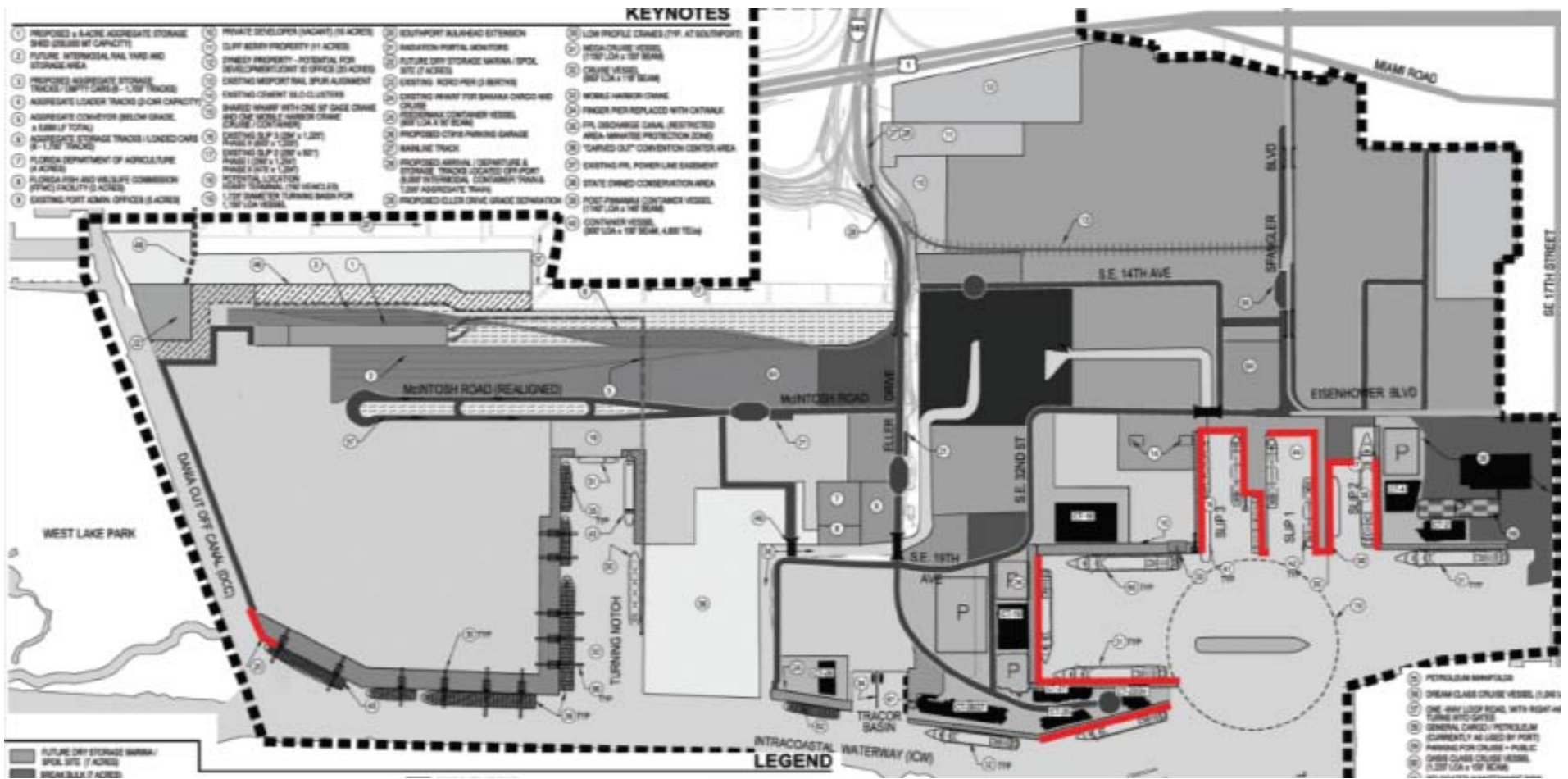


20-year Vision Plan

Super Post Panamax Cranes (2)

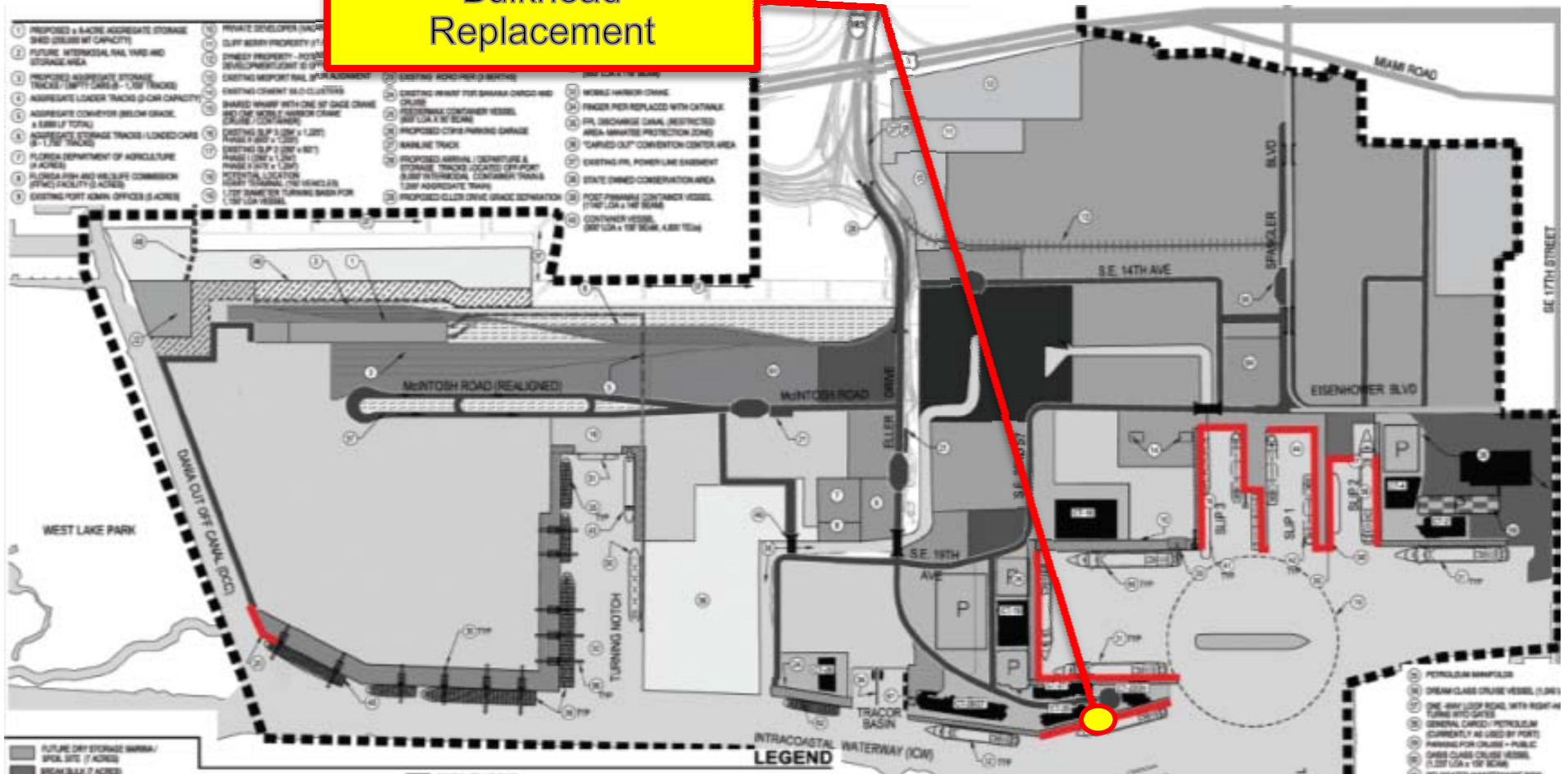


20-year Vision Plan, Bulkhead Projects



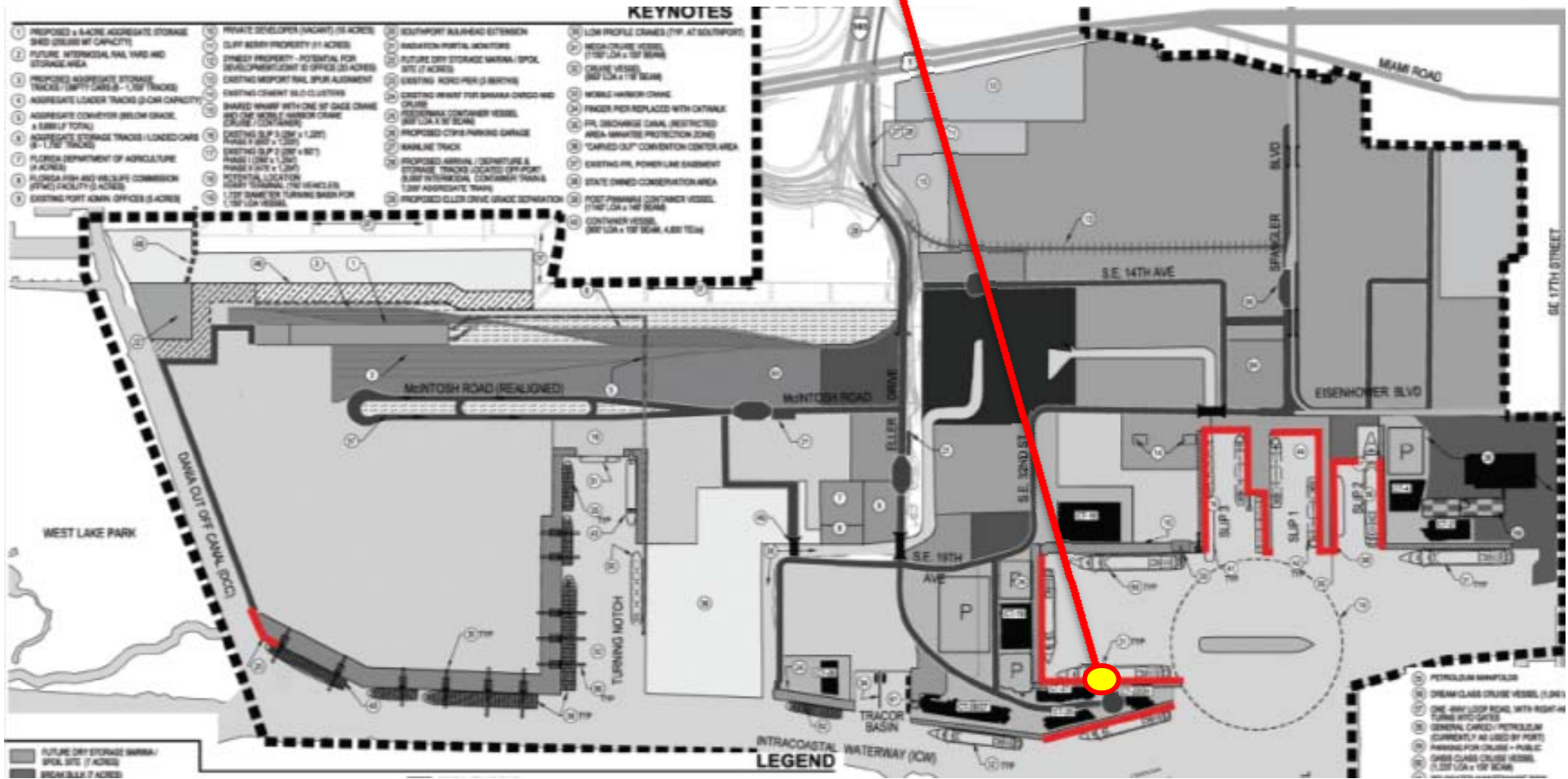
20-year Vision Plan, Bulkhead Projects

Berth 23, 24 and 25
Bulkhead
Replacement



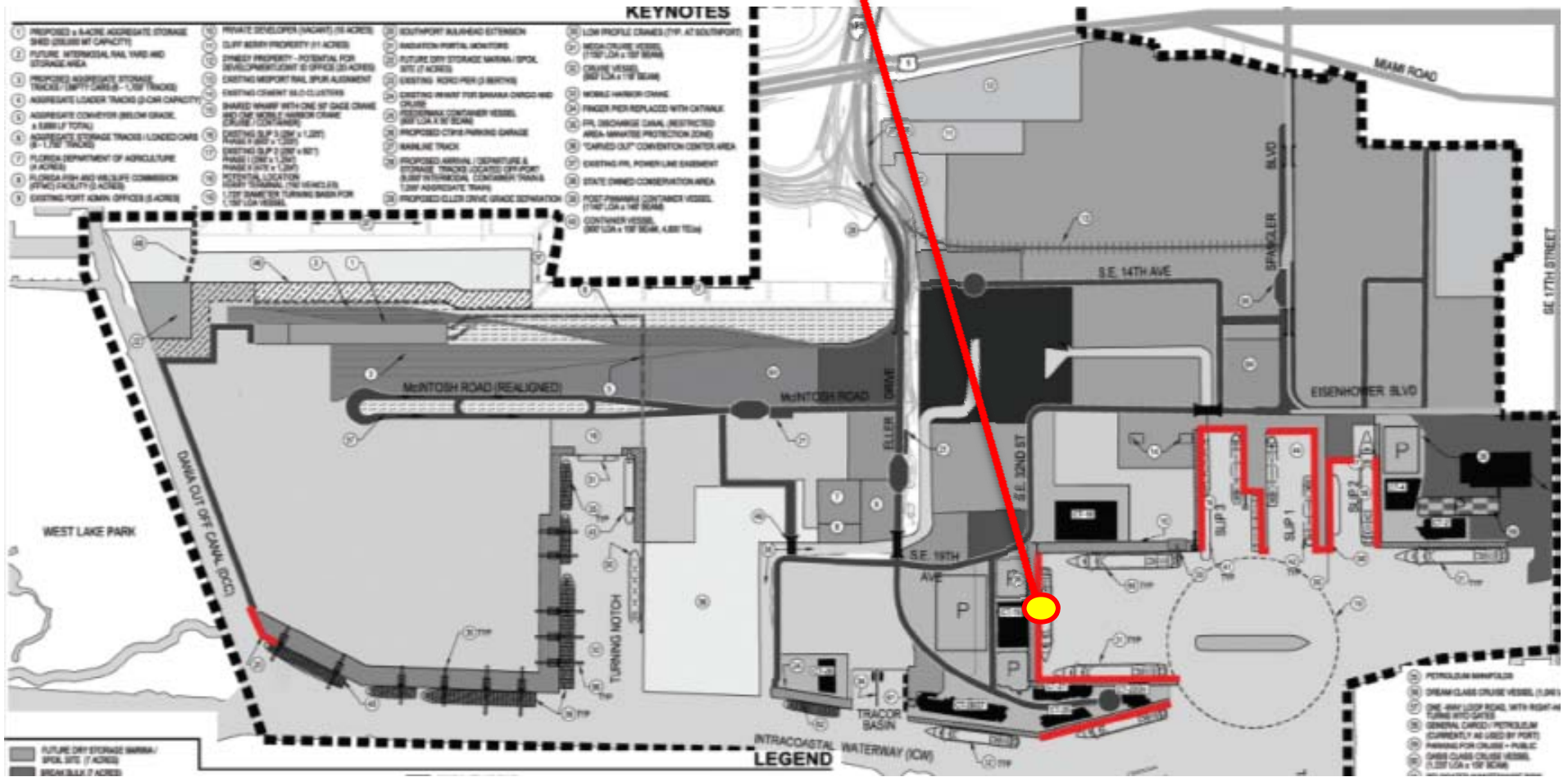
20-year Vision Plan, Bulkhead Projects

Berth 21, 22 Bulkhead Replacement



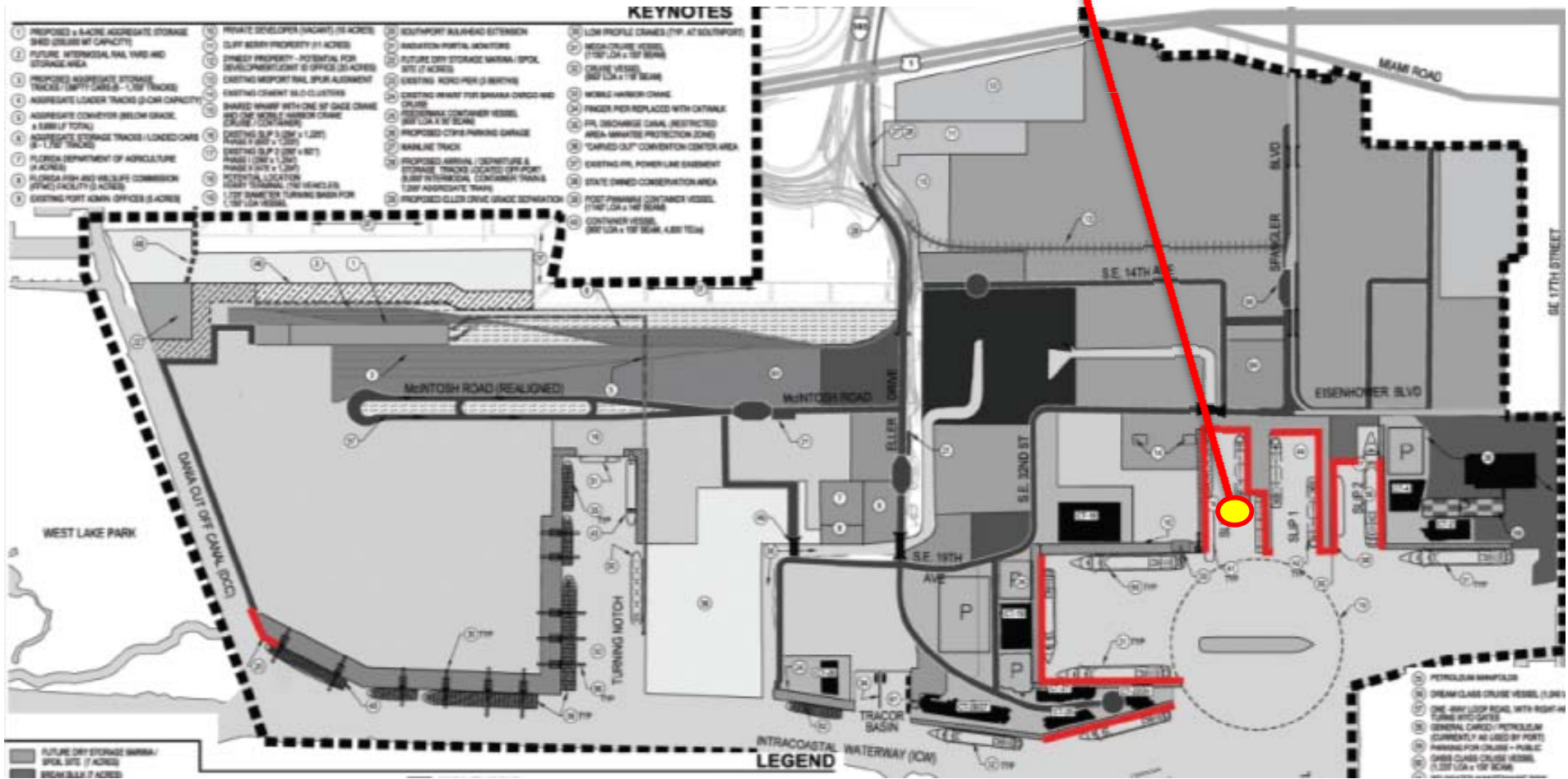
20-year Vision Plan, Bulkhead Projects

Berth 19, 20 Bulkhead Replacement



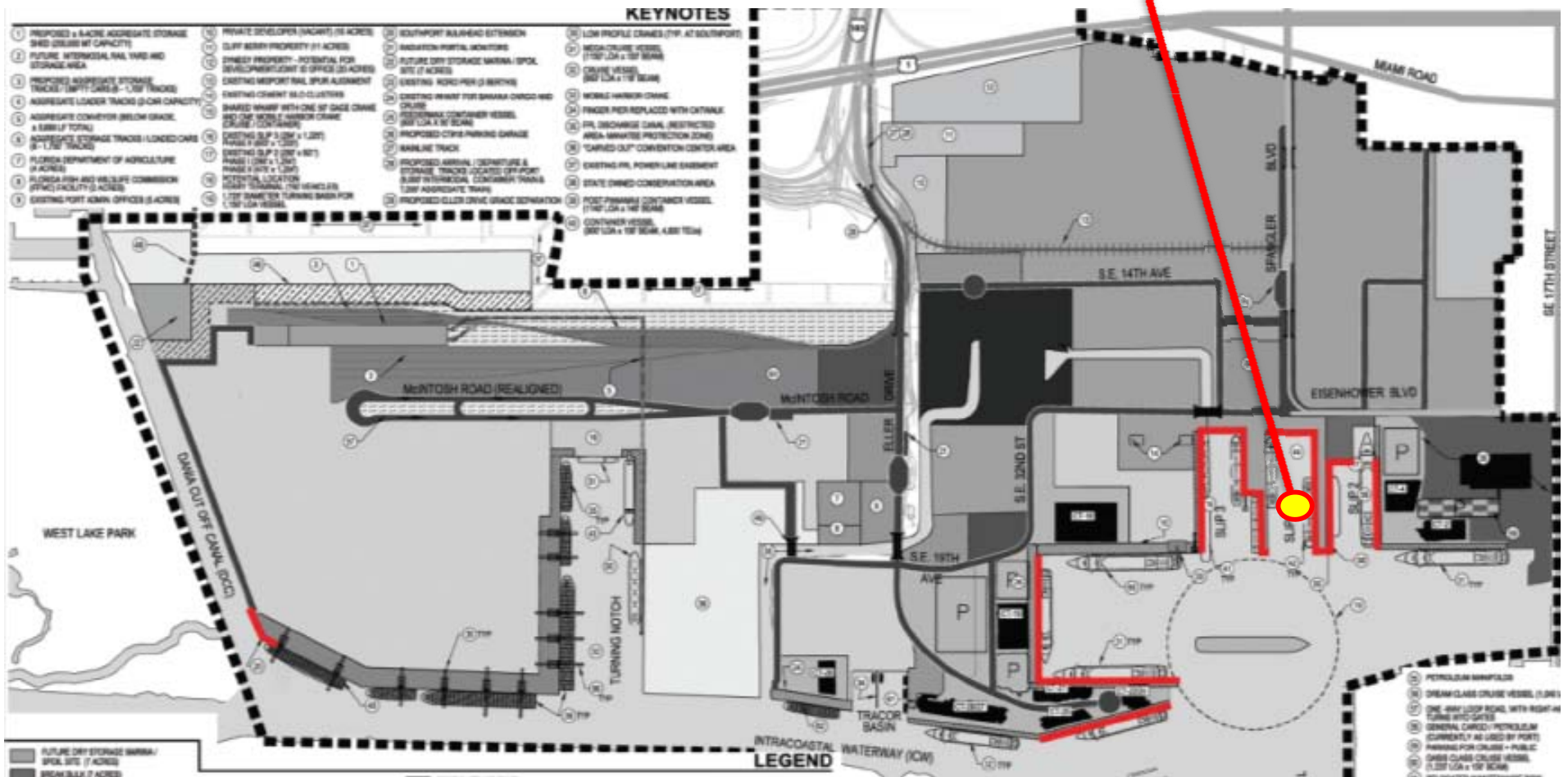
20-year Vision Plan, Bulkhead Projects

Slip 3 Bulkhead Replacement and Reconfiguration



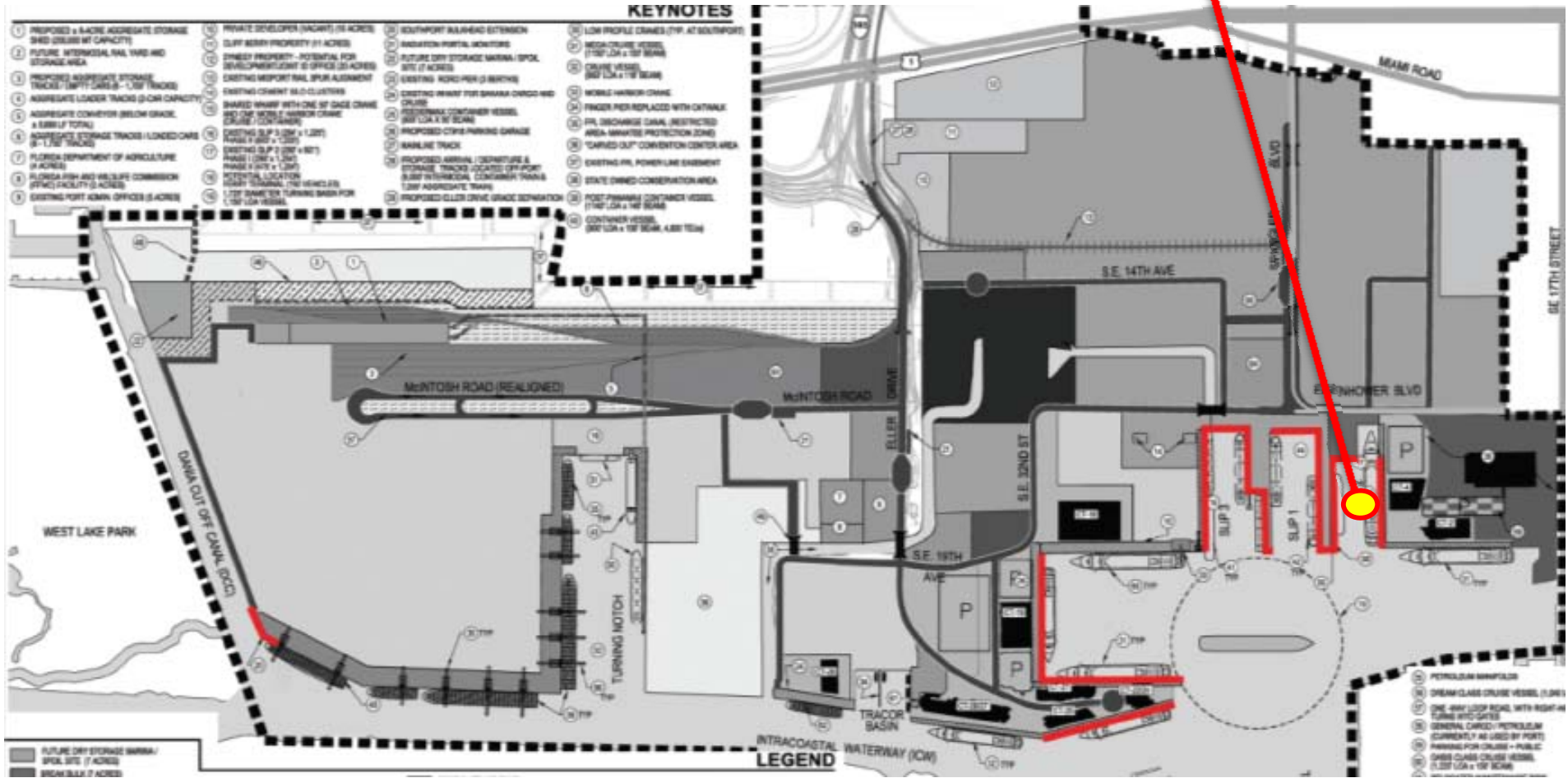
20-year Vision Plan, Bulkhead Projects

Slip 1 Bulkhead Replacement and Reconfiguration

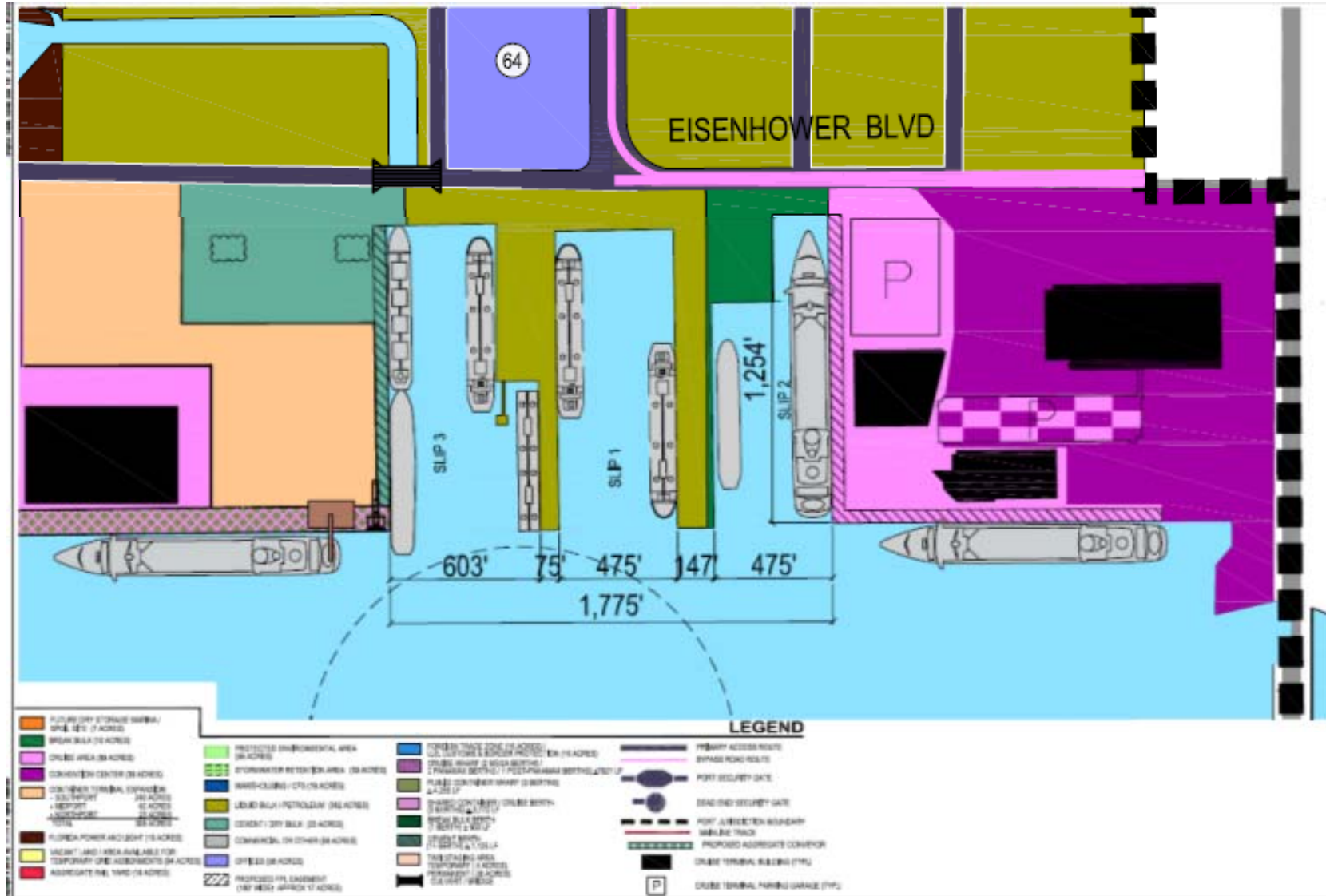


20-year Vision Plan, Bulkhead Projects

Slip 2 Bulkhead Replacement and Reconfiguration



20-year Vision Plan, Northport Slips



Cost Comparison of 2009 vs. 2006 Master Plans

	2009 Cost (\$M)	2006 Cost (\$M)
5-Year Master Plan	\$ 464	\$ 395
10-Year Vision Plan	\$ 585	\$ 737
20-Year Vision Plan	\$ 501	\$ 810
Total	\$ 1,550	\$ 1,942

Please Mark Your Calendar for Upcoming

- Public Meeting August 31, 5:30 – 7:30 p.m.,
Public Library Downtown
- Presentation to Board of County Commissioners,
October 2010
- Master Plan Website

www.portevergladesmasterplan.com