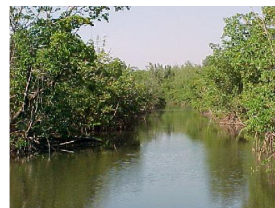


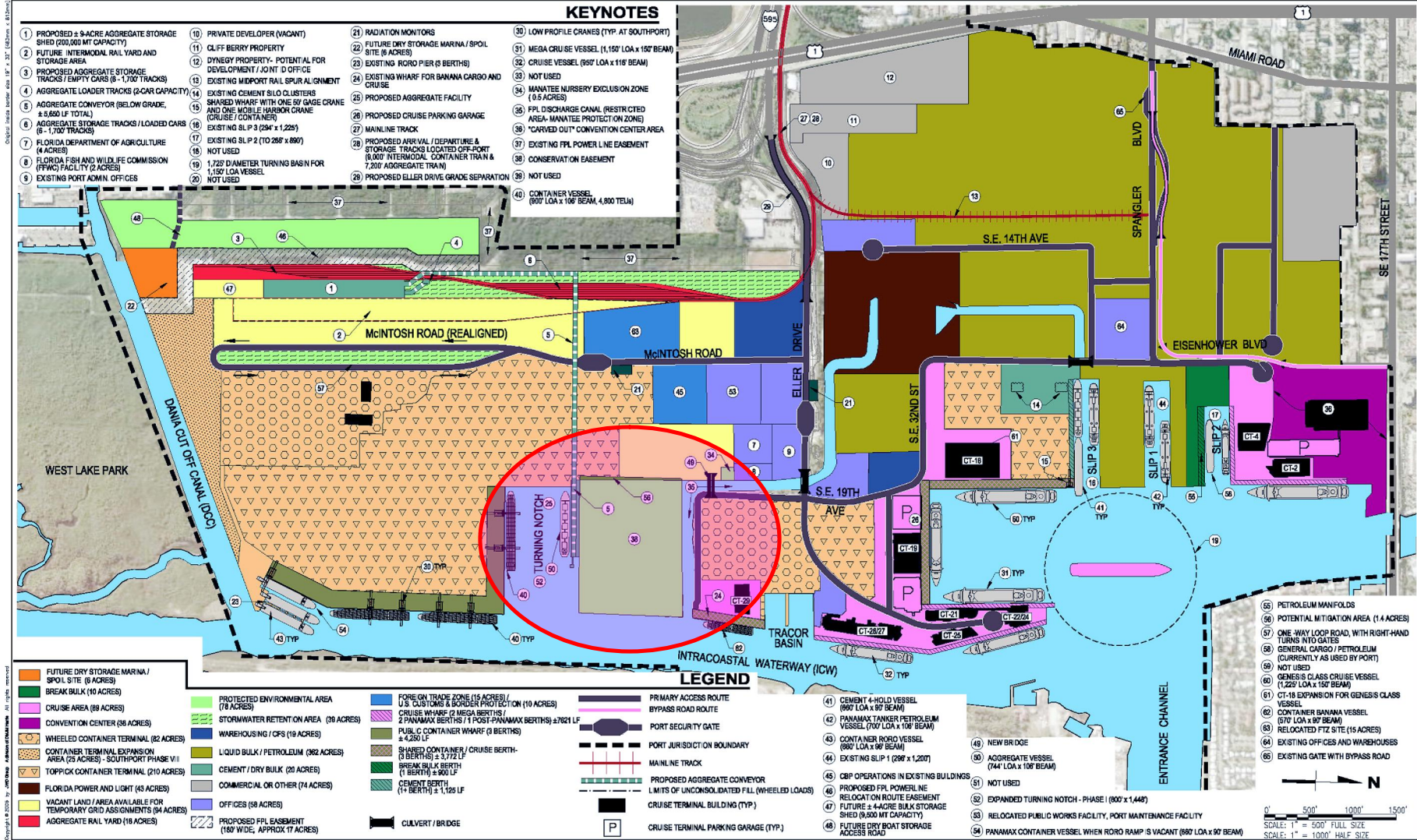


Port Everglades Master Plan Workshop Turning Notch Issue

**The Board of County Commissioners of Broward County
March 11, 2008**



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- ### KEYNOTES
- | | | | |
|---|--|--|--|
| 1 PROPOSED ± 9-ACRE AGGREGATE STORAGE SHED (200,000 MT CAPACITY) | 10 PRIVATE DEVELOPER (VACANT) | 21 RADIATION MONITORS | 30 LOW PROFILE CRANES (TYP. AT SOUTHPORT) |
| 2 FUTURE INTERMODAL RAIL YARD AND STORAGE AREA | 11 CLIFF BERRY PROPERTY | 22 FUTURE DRY STORAGE MARINA / SPOIL SITE (6 ACRES) | 31 MEGA CRUISE VESSEL (1,150' LOA x 150' BEAM) |
| 3 PROPOSED AGGREGATE STORAGE TRACKS / EMPTY CARS (6 - 1,700 TRACKS) | 12 DYNEGY PROPERTY - POTENTIAL FOR DEVELOPMENT / JOINT ID OFFICE | 23 EXISTING RORO PIER (3 BERTHS) | 32 CRUISE VESSEL (957' LOA x 116' BEAM) |
| 4 AGGREGATE CONVEYOR TRACKS (2-CAR CAPACITY) | 13 EXISTING MIDPORT RAIL SPUR ALIGNMENT | 24 EXISTING WHARF FOR BANANA CARGO AND CRUISE | 33 NOT USED |
| 5 AGGREGATE CONVEYOR (BELOW GRADE, ± 5,650 LF TOTAL) | 14 EXISTING CEMENT SLO CLUSTERS | 25 PROPOSED AGGREGATE FACILITY | 34 MANATEE NURSERY EXCLUSION ZONE (0.5 ACRES) |
| 6 AGGREGATE STORAGE TRACKS / LOADED CARS (6 - 1,700 TRACKS) | 15 EXISTING WHARF WITH ONE 50' GAGE CRANE AND ONE MOBILE HARBOR CRANE (CRUISE / CONTAINER) | 26 PROPOSED CRUISE PARKING GARAGE | 35 FPL DISCHARGE CANAL (RESTRICTED AREA - MANATEE PROTECTION ZONE) |
| 7 FLORIDA DEPARTMENT OF AGRICULTURE (4 ACRES) | 16 EXISTING SLP 2 (298' x 1,226') | 27 MAINLINE TRACK | 36 "CARVED OUT" CONVENTION CENTER AREA |
| 8 FLORIDA FISH AND WILDLIFE COMMISSION (FFWC) FACILITY (2 ACRES) | 17 NOT USED | 28 PROPOSED ARRIVAL / DEPARTURE & STORAGE TRACKS LOCATED OFF-PORT (8,000' INTERMODAL CONTAINER TRAIN & 7,200' AGGREGATE TRAIN) | 37 EXISTING FPL POWER LINE EASEMENT |
| 9 EXISTING PORT ADMIN. OFFICES | 18 1,725' DIAMETER TURNING BASIN FOR 1,150' LOA VESSEL | 29 PROPOSED ELLER DRIVE GRADE SEPARATION | 38 CONSERVATION EASEMENT |
| | 19 NOT USED | 30 NOT USED | 39 NOT USED |
| | 20 | 40 CONTAINER VESSEL (907' LOA x 108' BEAM, 4,900 TEU) | |

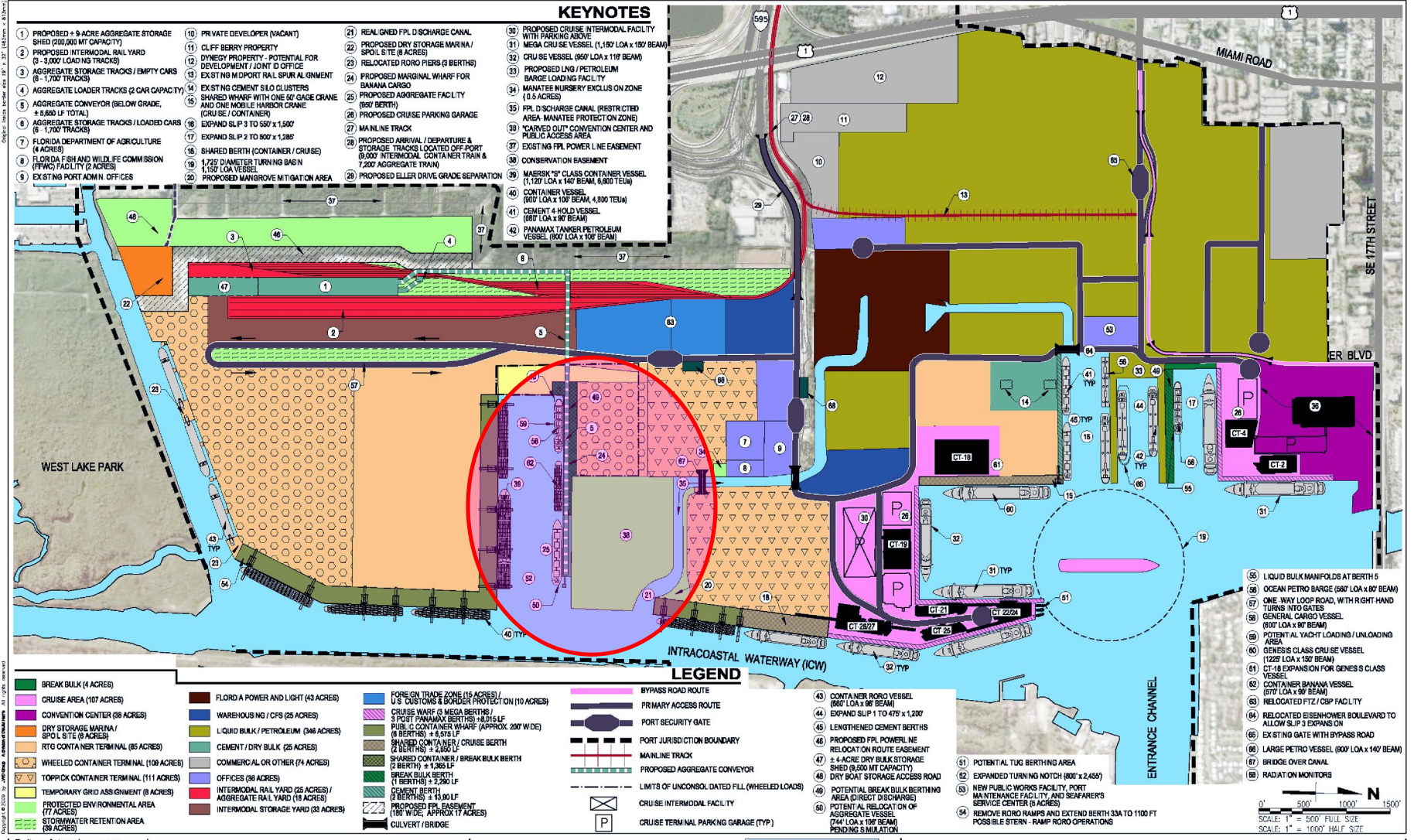
- ### LEGEND
- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> 1 FUTURE DRY STORAGE MARINA / SPOIL SITE (6 ACRES) 2 BREAK BULK (10 ACRES) 3 CRUISE AREA (89 ACRES) 4 CONVENTION CENTER (36 ACRES) 5 WHEELED CONTAINER TERMINAL (82 ACRES) 6 CONTAINER TERMINAL EXPANSION AREA (25 ACRES) - SOUTHPORT PHASE VII 7 TOPPOCK CONTAINER TERMINAL (210 ACRES) 8 FLORIDA POWER AND LIGHT (45 ACRES) 9 VACANT LAND / AREA AVAILABLE FOR TEMPORARY GRID ASSIGNMENTS (84 ACRES) 10 AGGREGATE RAIL YARD (18 ACRES) | <ul style="list-style-type: none"> 11 PROTECTED ENVIRONMENTAL AREA (78 ACRES) 12 STORMWATER RETENTION AREA (38 ACRES) 13 WAREHOUSING / CFS (19 ACRES) 14 LIQUID BULK / PETROLEUM (362 ACRES) 15 CEMENT / DRY BULK (20 ACRES) 16 COMMERCIAL OR OTHER (74 ACRES) 17 OFFICES (58 ACRES) 18 PROPOSED FPL EASEMENT (180' WIDE, APPROX. 17 ACRES) | <ul style="list-style-type: none"> 19 FOREIGN TRADE ZONE (15 ACRES) / U.S. CUSTOMS & BORDER PROTECTION (10 ACRES) 20 2 PANAMAX BERTHS / 1 POST-PANAMAX BERTHS ± 7621 LF 21 PUBLIC CONTAINER WHARF (3 BERTHS) ± 4,250 LF 22 SHARED CONTAINER / CRUISE BERTH (3 BERTHS) ± 3,772 LF 23 BREAK BULK BERTH (1 BERTH) ± 800 LF 24 CEMENT BERTH (1+ BERTH) ± 1,125 LF 25 CULVERT / BRIDGE | <ul style="list-style-type: none"> 26 PRIMARY ACCESS ROUTE 27 BYPASS ROAD ROUTE 28 PORT SECURITY GATE 29 PORT JURISDICTION BOUNDARY 30 MAINLINE TRACK 31 PROPOSED AGGREGATE CONVEYOR 32 LIMITS OF UNCONSOLIDATED FILL (WHEELED LOADS) 33 CRUISE TERMINAL BUILDING (TYP.) 34 CRUISE TERMINAL PARKING GARAGE (TYP.) |
|---|---|--|--|

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> 41 CEMENT 4-HOLD VESSEL (860' LOA x 97' BEAM) 42 PANAMAX TANKER PETROLEUM VESSEL (700' LOA x 108' BEAM) 43 CONTAINER RORO VESSEL (880' LOA x 99' BEAM) 44 EXISTING SLP 1 (298' x 1,200') 45 CBP OPERATIONS IN EXISTING BUILDINGS 46 PROPOSED FPL POWERLINE RELOCATION ON ROUTE EASEMENT 47 FUTURE ± 4-ACRE BULK STORAGE SHED (8,500 MT CAPACITY) 48 FUTURE DRY BOAT STORAGE ACCESS ROAD | <ul style="list-style-type: none"> 49 NEW BRIDGE 50 AGGREGATE VESSEL (744' LOA x 108' BEAM) 51 NOT USED 52 EXPANDED TURNING NOTCH - PHASE I (800' x 1,448') 53 RELOCATED PUBLIC WORKS FACILITY, PORT MAINTENANCE FACILITY 54 PANAMAX CONTAINER VESSEL WHEN RORO RAMP IS VACANT (880' LOA x 97' BEAM) | <ul style="list-style-type: none"> 55 PETROLEUM MANIFOLDS 56 POTENTIAL MITIGATION AREA (1.4 ACRES) 57 ONE-WAY LOOP ROAD, WITH RIGHT-HAND TURNING INTO GATES 58 GENERAL CARGO / PETROLEUM (CURRENTLY AS USED BY PORT) 59 NOT USED 60 GENESIS CLASS CRUISE VESSEL (1,225' LOA x 150' BEAM) 61 CT-18 EXPANSION FOR GENESIS CLASS VESSEL 62 CONTAINER BANANA VESSEL (570' LOA x 87' BEAM) 63 RELOCATED FITZ SITE (15 ACRES) 64 EXISTING OFFICES AND WAREHOUSES 65 EXISTING GATE WITH BYPASS ROAD |
|--|--|---|

Portions of plans shown are on property not owned or leased by Port Everglades. Schemes are for discussion purposes only and are not intended as notice of intent to acquire that property. This plan is intended merely as a planning device and is in no way intended to limit the rights of property owners in said area.

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5-YEAR PLAN
YEARS 2008-2012
FIGURE 5.4-7



KEYNOTES

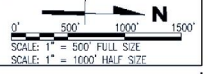
- | | | | |
|---|---|---|--|
| 1) PROPOSED ± 9 ACRE AGGREGATE STORAGE SHED (200,000 MT CAPACITY) | 10) PRIVATE DEVELOPER (VACANT) | 21) REALIGNED FPL D/S CHARGE CANAL | 30) PROPOSED CRUISE INTERMODAL FACILITY WITH PARKING ABOVE |
| 2) PROPOSED INTERMODAL RAIL YARD (± 3,000' LOADING TRACKS) | 11) CLIFF BERRY PROPERTY | 22) PROPOSED DRY STORAGE MARINA / SPOIL SITE (8 ACRES) | 31) MEGA CRUISE VESSEL (1,180' LOA x 190' BEAM) |
| 3) AGGREGATE STORAGE TRACKS / EMPTY CARS (± 1,700' TRACKS) | 12) DYNEXY PROPERTY - POTENTIAL FOR DEVELOPMENT / JOINT ID OFFICE | 23) RELOCATED RORO PIER (3 BERTHS) | 32) CRUISE VESSEL (950' LOA x 110' BEAM) |
| 4) AGGREGATE LOADING TRACKS (2 CAR CAPACITY) (± 1,700' TRACKS) | 13) EXISTING MIDPOINT RAIL SPIRAL ALIGNMENT | 24) PROPOSED MARGINAL WHARF FOR BANAMA CARGO | 33) PROPOSED LNG / PETROLEUM BARREL LOADING FACILITY |
| 5) AGGREGATE CONVEYOR (BELOW GRADE, ± 4,500 LF TOTAL) | 14) EXISTING CEMENT SILO CLUSTERS | 25) PROPOSED CRUISE PARKING GARAGE (800 BERTHS) | 34) MANATEE NURSERY EXCLUS ON ZONE (0.5 ACRES) |
| 6) AGGREGATE STORAGE TRACKS / LOADED CARS (± 1,700' TRACKS) | 15) SHARED WHARF WITH ONE 50' GAGE CRANE AND ONE MOBILE HARBOR CRANE (CRUISE / CONTAINER) | 26) PROPOSED CRUISE PARKING GARAGE (800 BERTHS) | 35) FPL D/S CHARGE CANAL (RESTRICTED AREA - MANATEE PROTECTION ZONE) |
| 7) FLORIDA DEPARTMENT OF AGRICULTURE (4 ACRES) | 16) EXPAND SLIP 2 TO 550' x 1,500' | 27) MARLINE TRACK | 36) "DAINED OUT" CONVENTION CENTER AND PUBLIC ACCESS AREA |
| 8) FLORIDA FISH AND WILDLIFE COMMISSION (FFWC) FACILITY (2 ACRES) | 17) EXPAND SLIP 2 TO 800' x 1,285' | 28) PROPOSED ARRIVAL / DEPARTURE & STORAGE TRACKS LOCATED OFF PORT (± 6,000' INTERMODAL CONTAINER TRAIN & 7,200' AGGREGATE TRAIN) | 37) EXISTING FPL POWER LINE EASEMENT |
| 9) EXISTING PORT ADMIN. OFF-CES | 18) 1,225' DIAMETER TURNING BASIN | 29) PROPOSED ELLER DRIVE GRADE SEPARATION | 38) CONSERVATION ON EASEMENT |
| | 19) 1,150' LOA VESSEL | 30) MAERSK "S" CLASS CONTAINER VESSEL (1,120' LOA x 140' BEAM, 9,000 TEU) | 39) CONTAINER VESSEL (800' LOA x 100' BEAM, 4,800 TEU) |
| | 20) PROPOSED MANGROVE MITIGATION AREA | 40) CEMENT 4 HOLD VESSEL (880' LOA x 90' BEAM) | 41) PANAMAX TANKER PETROLEUM VESSEL (900' LOA x 100' BEAM) |
| | | 42) MAERSK "S" CLASS CONTAINER VESSEL (1,120' LOA x 140' BEAM, 9,000 TEU) | |

LEGEND

- | | | | |
|---|--|--|---|
| ■ BREAK BULK (4 ACRES) | ■ FLOOD A POWER AND LIGHT (43 ACRES) | ■ FOREIGN TRADE ZONE (15 ACRES) / U.S. CUSTOMS & BORDER PROTECTION (10 ACRES) | ■ BYPASS ROAD ROUTE |
| ■ CRUISE AREA (107 ACRES) | ■ WAREHOUSING / CFS (25 ACRES) | ■ CRUISE WARF (3 MEGA BERTHS) / 5 PORT PANAMAX BERTHS ± 48,000 LF PUBLIC CONTAINER WHARF (APPROX. 200' WIDE) (6 BERTHS) ± 8,500 LF | ■ PRIMARY ACCESS ROUTE |
| ■ CONVENTION CENTER (8 ACRES) | ■ LIQUID BULK / PETROLEUM (246 ACRES) | ■ SHARED CONTAINER / CRUISE BERTHS (2 BERTHS) ± 2,850 LF | ■ PORT SECURITY GATE |
| ■ DRY STORAGE MARINA / SPOIL SITE (9 ACRES) | ■ CEMENT / DRY BULK (25 ACRES) | ■ SHARED CONTAINER / BREAK BULK BERTHS (2 BERTHS) ± 1,365 LF | ■ PORT JURISDICTION BOUNDARY |
| ■ RTO CONTAINER TERMINAL (85 ACRES) | ■ COMMERCIAL OR OTHER (74 ACRES) | ■ BREAK BULK BERTHS (2 BERTHS) ± 2,200 LF | ■ MANLINE TRACK |
| ■ WHEELED CONTAINER TERMINAL (108 ACRES) | ■ OFFICES (26 ACRES) | ■ CEMENT BERTHS (2 BERTHS) ± 15,800 LF | ■ PROPOSED AGGREGATE CONVEYOR |
| ■ TOPPOCK CONTAINER TERMINAL (111 ACRES) | ■ INTERMODAL RAIL YARD (25 ACRES) / AGGREGATE RAIL YARD (18 ACRES) | ■ PROPOSED FPL EASEMENT (100' WIDE, APPROX 17 ACRES) | ■ LIMITS OF UNCONSOLIDATED FILL (WHEELED LOADS) |
| ■ TEMPORARY GRID ASSIGNMENT (8 ACRES) | ■ INTERMODAL STORAGE YARD (33 ACRES) | ■ CULVERT / BRIDGE | ■ CRUISE INTERMODAL FACILITY |
| ■ PROTECTED ENVIRONMENTAL AREA (77 ACRES) | | | ■ CRUISE TERMINAL PARKING GARAGE (TYP) |
| ■ STORMWATER RETENTION AREA (59 ACRES) | | | |

Portions of plans shown are on property not owned or leased by Port Everglades. Schemes are for discussion purposes only and are not intended as notice of intent to acquire that property. This plan is intended merely as a planning device and is in no way intended to limit the rights of property owners in said area.

- | | |
|--|--|
| 43) CONTAINER RORO VESSEL (880' LOA x 90' BEAM) | 51) POTENTIAL TUG BERTHING AREA |
| 44) EXPAND SLIP 1 TO 475' x 1,200' | 52) EXPANDED TURNING NOTCH (800' x 2,455') |
| 45) LENGTHENED CEMENT BERTHS | 53) NEW PUBLIC WORKS FACILITY, PORT MAINTENANCE FACILITY, AND SEAFARERS SERVICE CENTER (5 ACRES) |
| 46) PROPOSED FPL POWERLINE RELOCAT ON ROUTE EASEMENT | 54) REMOVE RORO RAMPS AND EXTEND BERTH 33A TO 1100 FT POSSIBLE STERN - RAMP RORO OPERATIONS |
| 47) ± 4-ACRE DRY BULK STORAGE SHED (± 6,000 MT CAPACITY) | |
| 48) DRY BOAT STORAGE ACCESS ROAD | |
| 49) POTENTIAL BREAK BULK BERTHING AREA (DIRECT DISCHARGE) | |
| 50) POTENTIAL RELOCAT ON OF AGGREGATE VESSEL (740' LOA x 100' BEAM) PENDING SIMULATION | |
| 55) LIQUID BULK MANIFOLDS AT BERTH 5 | |
| 56) OCEAN PETRO BARGE (560' LOA x 80' BEAM) | |
| 57) ONE WAY LOOP ROAD, WITH RIGHT HAND TURNING INTO GATES | |
| 58) GENERAL CARGO VESSEL (800' LOA x 80' BEAM) | |
| 59) POTENTIAL YACHT LOADING / UNLOADING AREA | |
| 60) GENESIS CLASS CRUISE VESSEL (1225' LOA x 150' BEAM) | |
| 61) CT-18 EXPANSION FOR GENESIS CLASS VESSEL | |
| 62) CONTAINER BANAMA VESSEL (670' LOA x 90' BEAM) | |
| 63) RELOCATED FTZ / OSP FACILITY | |
| 64) RELOCATED EISENHOWER BOULEVARD TO ALLOW SLIP 3 EXPANSION | |
| 65) EXISTING GATE WITH BYPASS ROAD | |
| 66) LARGE PETRO VESSEL (800' LOA x 140' BEAM) | |
| 67) BRIDGE OVER CANAL | |
| 68) RADIATION MONITORS | |



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**20-YEAR VISION PLAN
YEARS 2017 - 2026**

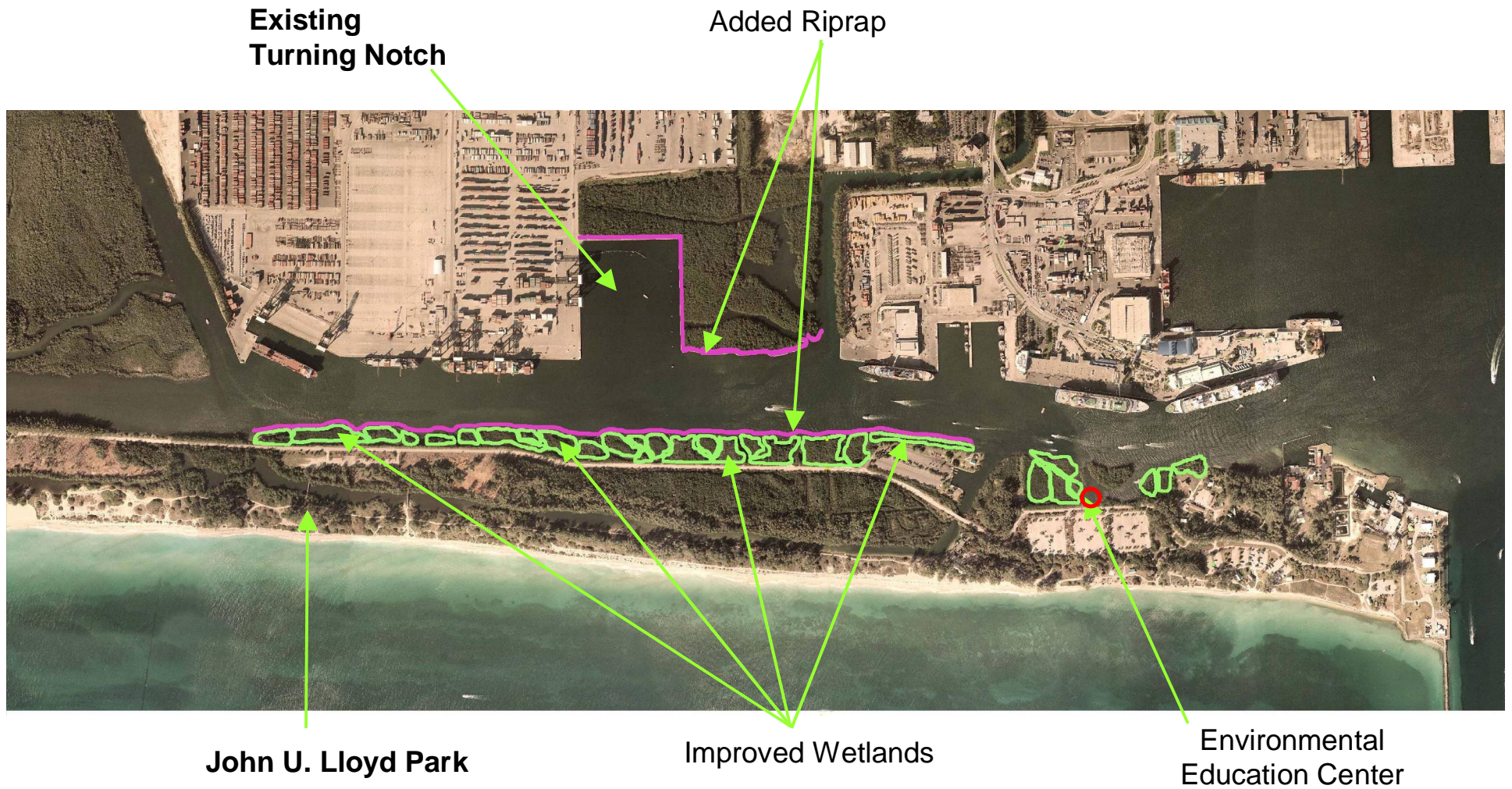
FIGURE 5.6-2

Conservation Easement

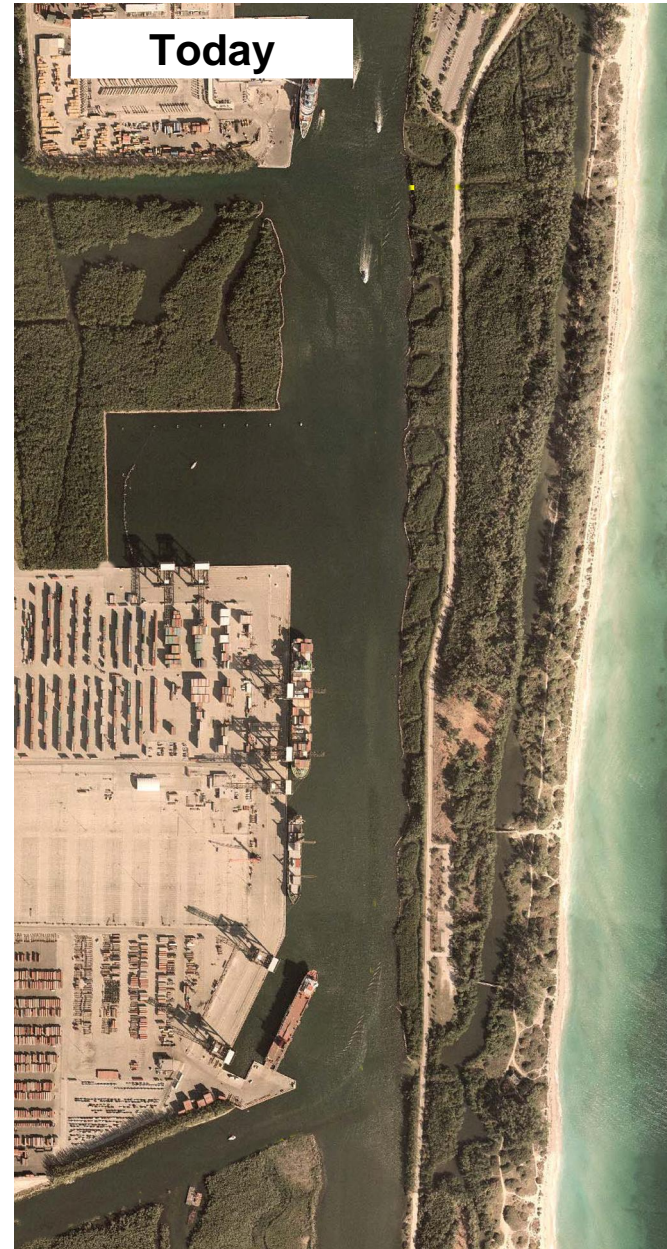
Historic Timeline

- 1983** – Port Everglades Authority adopted the 1984 – 2000 Master Plan, which identified the need for the existing Turning Notch
- 1987** – Permit granted for removal of 18 acres of mangroves for existing Turning Notch; Port volunteered mitigation...
- Created 23 acres of new wetlands at John U. Lloyd Park
 - Placed over 10,000 linear feet of riprap to protect new & existing wetlands and to create new habitat at John U. Lloyd Park and Conservation Easement
 - Constructed new environmental education center at John U. Lloyd Park
 - Improved tidal flushing in 23 acres at John U. Lloyd Park
 - Created 5 acres of new wetlands in West Lake Park
 - Created 168 acres of improved flushing areas in West Lake Park
 - Mitigation cost was \$3.2 million
- 1988** – Port Everglades Authority granted a 48.27 acre conservation easement to the State of Florida

Wetland Improvements Related to Existing Turning Notch



Wetland Improvements



RIPRAP/TIDAL CHANNELS/MUD FLATS AT JOHN U. LLOYD PARK



ENVIRONMENTAL EDUCATION CENTER



Aerial of Existing Conservation Easement



Turning Notch Expansion

Historic Timeline

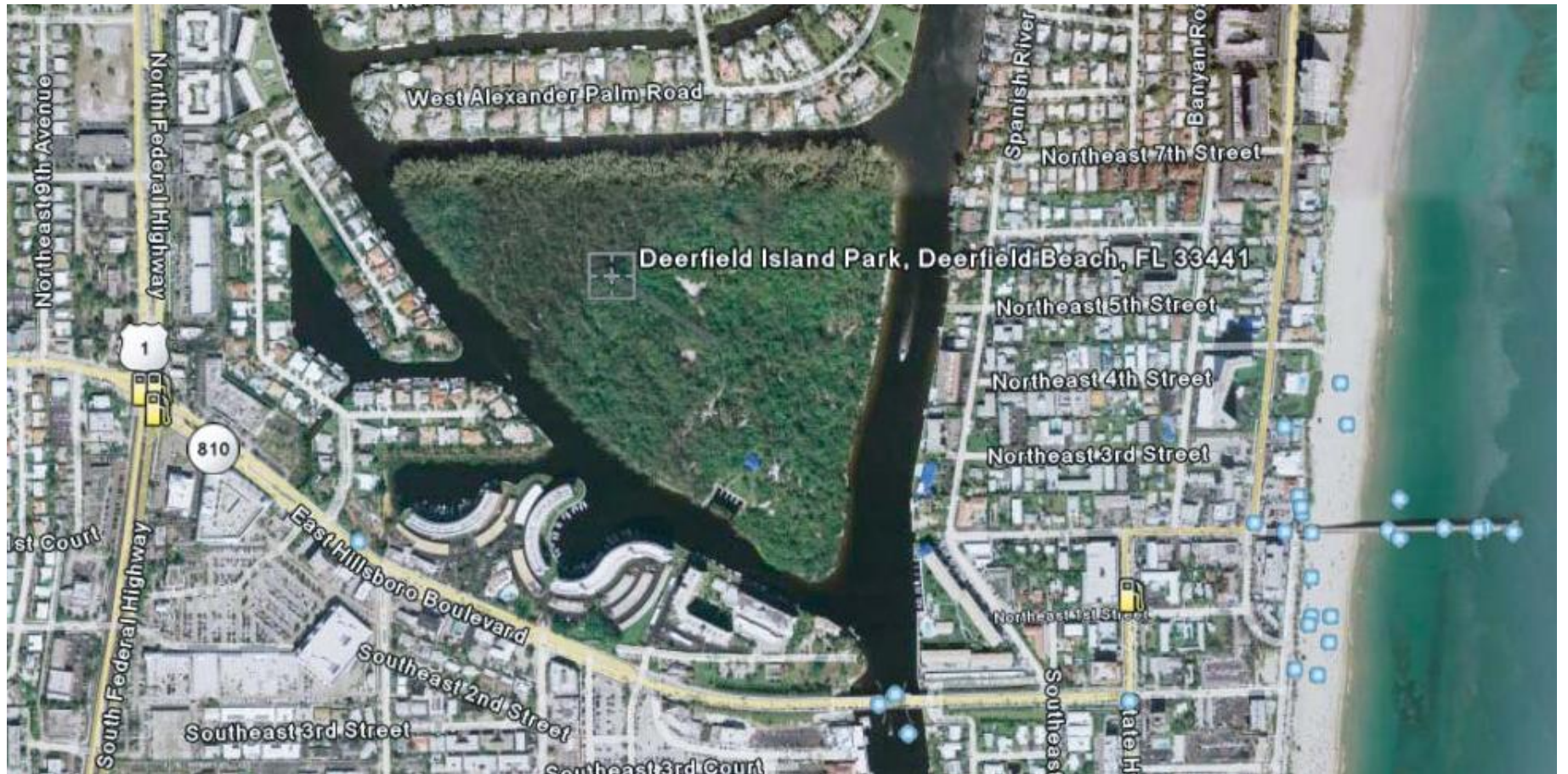
- 1997** – Cost-Sharing Agreement with ACOE for Harbor Expansion Feasibility Study including expansion of the Turning Notch, seven Amendments to original agreement followed to the year 2006
- 2000** – Agreement with Consultant to design and permit additional berth within the Turning Notch including:
1. Eliminating an approximate area of 550'x 850' of mangroves
 2. Review surveys of the portion of the conservation easement (wetlands) area to be released by FDEP
 3. Research environmental mitigation opportunities
 4. Prepare final design documents for mitigation plan
- 2001-2006** – Identified and investigated parcels for potential land swap for the 8.7 acres of the Conservation Easement
- 2006-2007** – County secures Consultant to assist in lifting a portion of the Conservation Easement to meet the needs of the Port's dredging project.

Release of Portion of Conservation Easement

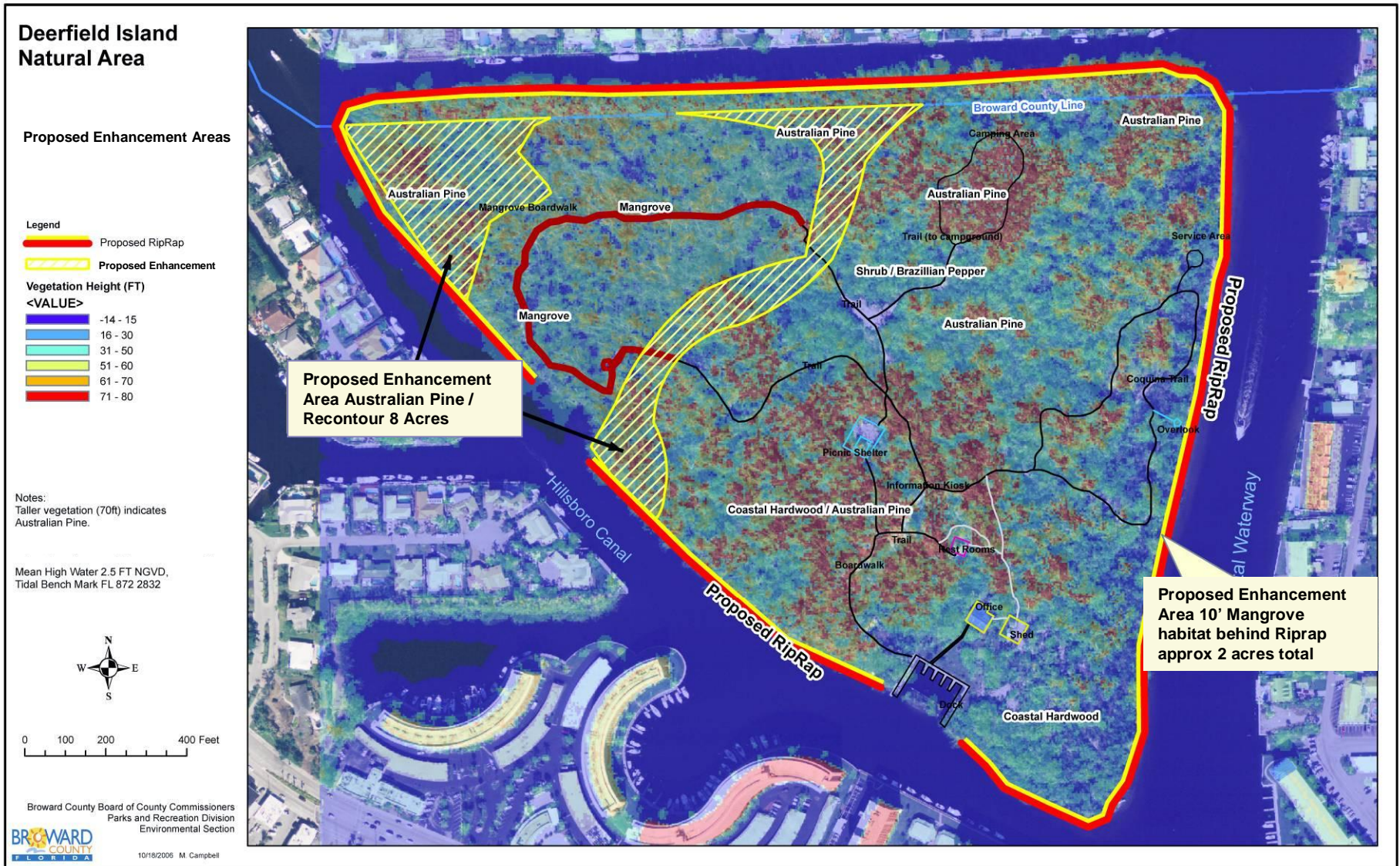
Historic Timeline

- 2001** – Negotiations started with FDEP for release of 8.7 acres from the Conservation Easement and a favorable response was received.
- 2002** – FDEP agreed to “swap” the 19.4 acre Pavilion parcel in Dania Beach for 8.7 acres of the Conservation Easement.
- 2003** – Developer purchased the 19.4 acre Pavilion parcel and the swap could not be accomplished.
- 2004** – BCEPD identifies Deerfield Island as potential alternative parcel for land swap.
- 2005** – The Port identified to FDEP opportunities with Deerfield Island land swap. FDEP indicated Deerfield Island was a viable land swap with enhancements pending further discussion.
- 2006** – Continued discussions with existing Deerfield Island owner, FIND, and FDEP.
- 2007** – FDEP further clarified the conditions for the Deerfield Island land swap.
- 2007** – Engaged appraisers to appraise Deerfield Island.
- 2008** – Conducted biological assessment of the 8.7 acres and the 3.2 acres in the Conservation Easement.

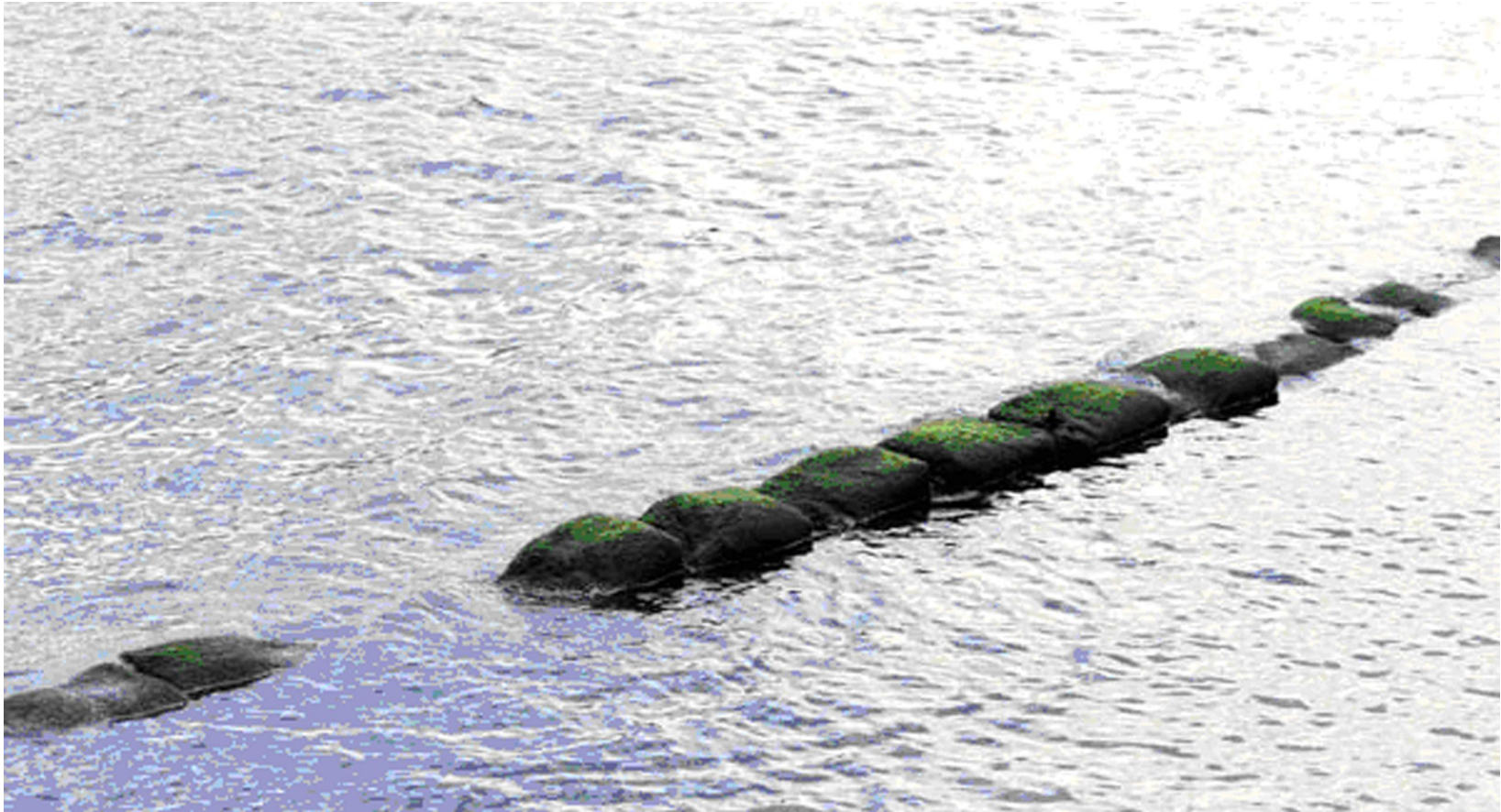
Aerial of Deerfield Island



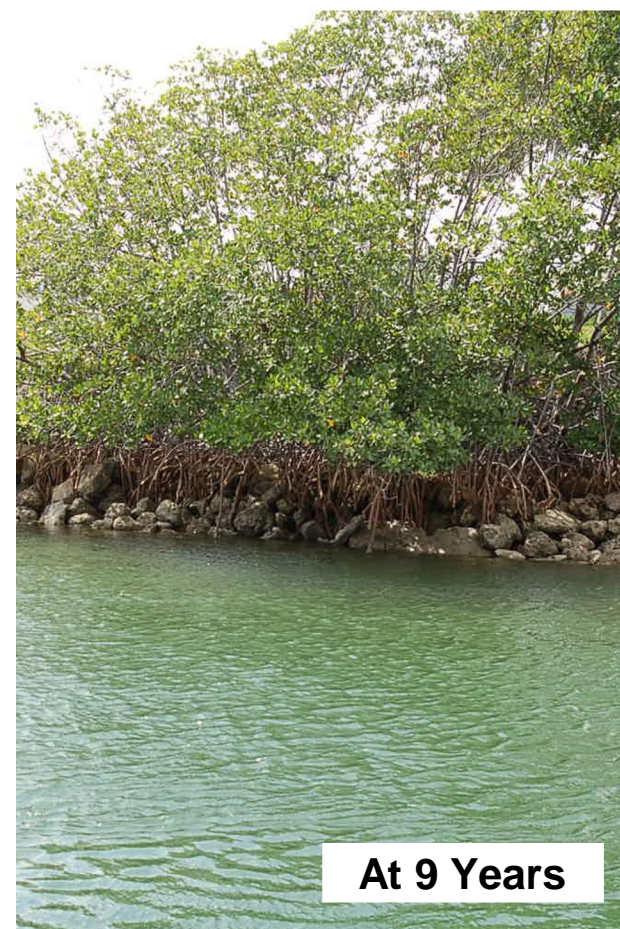
Map of Proposed Enhancement at Deerfield Island



Existing Riprap at Deerfield Island



Mangrove Enhancement

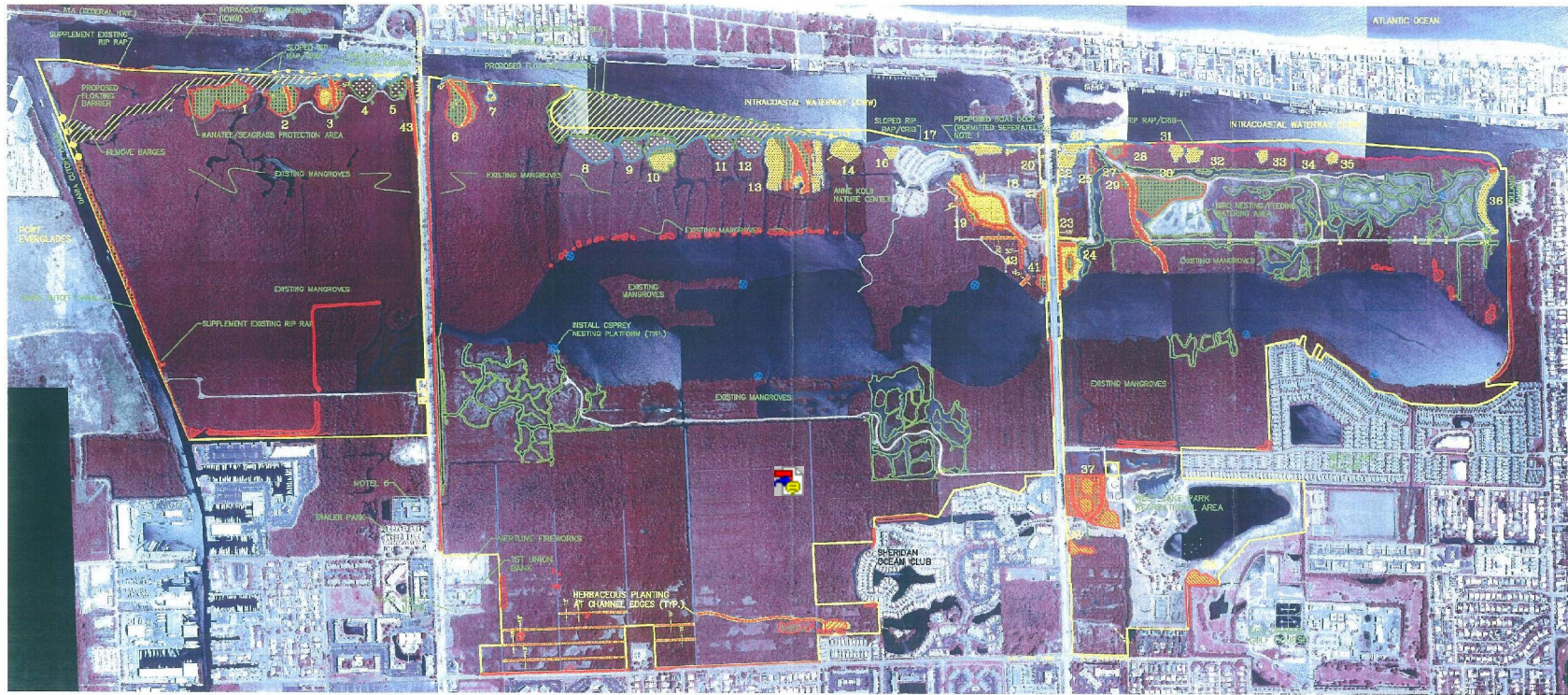


Mitigation in West Lake Park

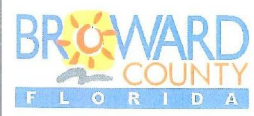
Historic Timeline

- **1998** – Conceptual approval of Agreement with World Gate Associates (now defunct) for master planning, engineering and mitigation at West Lake Park for Port and Airport expansion
- **2000 to Present** –
 - Phase I:** Preparation of Master Mitigation Plan by Consultant for West Lake Park
 - Phase II:** Acquisition of out parcels, elimination of FIND easements
 - Phase III:** Preparation of construction plans and specs and permitting
- Total mitigation credits available for Port and Airport expansion
40.24 credits
- Credits available to Port Everglades
50% or approximately 20 credits
- Expansion of Turning Notch requires
approximately 5.4 credits

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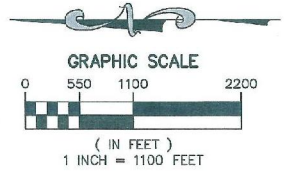
AERIAL PHOTOGRAPH DATE: 2000



LEGEND	
	PARK BOUNDARY
	FLORING BARRIER
	COVERT IMPROVEMENT OR RESULT OF S/TG CONNECTORS
	NEW COVERT INSTALLATION
	MAINTENANCE DREDGING
	SUPPLEMENT EXISTING RIP RAP
	DESIGN CHANNEL/POUND BLOCKAGE
	SLOPE RIP RAP
	RIP RAP CRB
	MANATEE PROTECTION AREA
	CSRPBY TOWERS
	MANGROVE REMOVAL AREA
	MANGROVE REQUIRMENT - 124.1 acres
	CHANNELS - 411.6 acres
	UPLAND FAUNDCK - 122.9 acres
	MUD FLAT / TIDAL P00.6 - 418.5 acres
	SEAGRASS - 17.7 acres

NOTE:
ALL CHANNELS ARE 50'
UNLESS OTHERWISE NOTED

DRAFT: CONCEPTUAL PLAN SET
NOT FOR CONSTRUCTION



PROPOSED IMPROVEMENTS

WEST LAKE PARK

BROWARD COUNTY, FLORIDA
 FOR: BROWARD COUNTY PARKS AND RECREATION DIVISION

 MILLER LEGG <small>• ASSOC. ARCH. INC.</small>	Engineers • Planners • Surveyors Land Surveyors Environmental Professionals	937503 PI-1
	1300 N. Douglas Road, Suite 200 Pembroke Park, Florida 33064 (954) 386-7000 Fax: (954) 386-3884 Cert. of Authorization L.S. 6190	
	5/29/08	
	08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

Turning Notch Expansion

ACOE Dredging Program

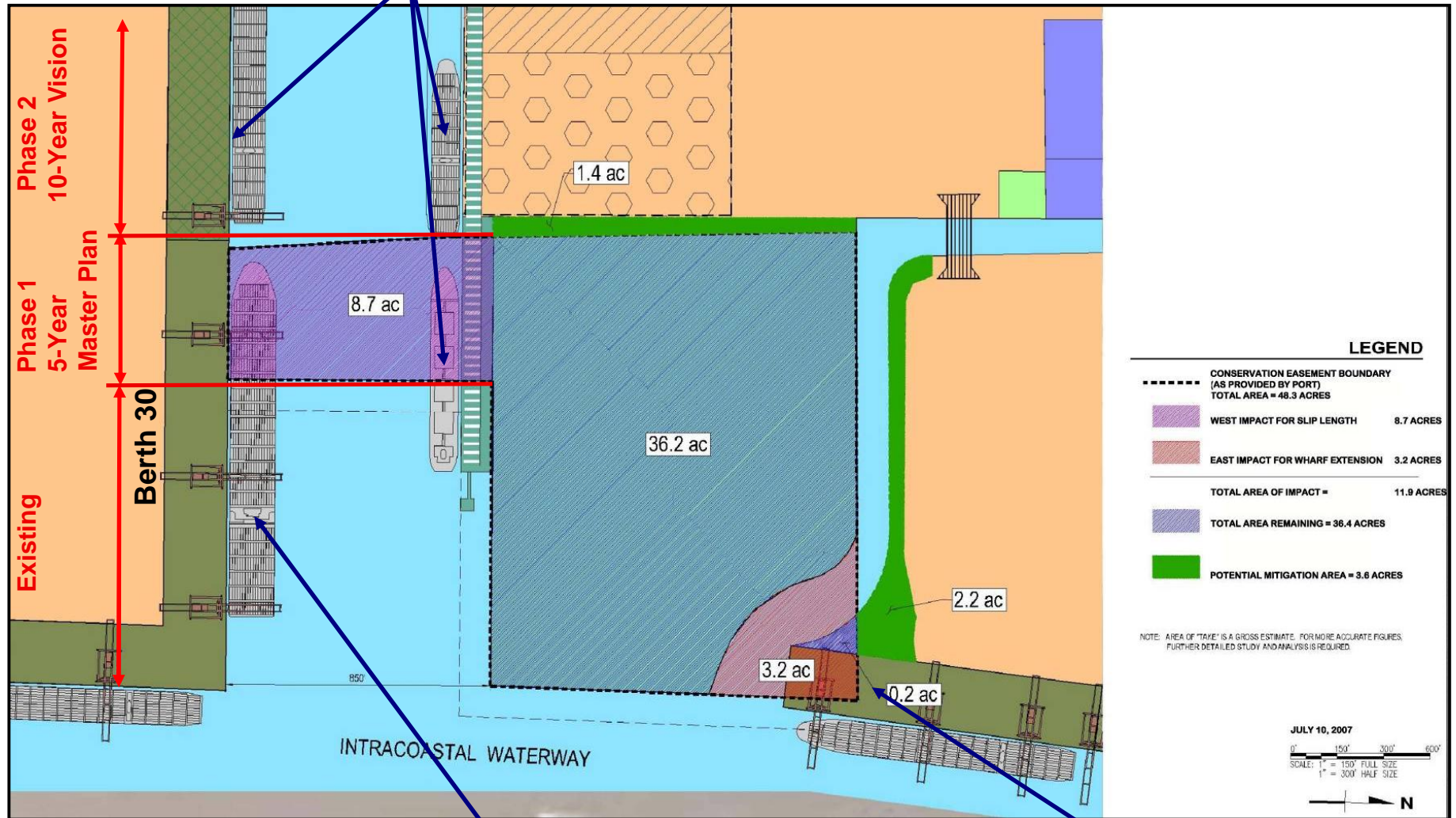
- Extends Berth 30 and expands Turning Notch west into the 8.7 acres of the Conservation Easement
- Purpose to accommodate Post Panamax Container Ships (1138 ft LOA x 141 ft Beam x 47.6 ft Draft, capacity 7,226 TEUs) at Berth 30

Master Plan Vision

- Phase 1: Adds new bulk berth for importing crushed rock and other raw materials for cement/concrete manufacture
- Phase 2: Adds additional container and general cargo berths in old land fill site west of the 8.7 acres; no additional environmental impact
- Phase 2A: Extends Berth 29; impacts 3.2 acres of the Conservation Easement

Conservation Easement Impact Map

Master Plan Adds Berths in Turning Notch Expansion



ACOE Program Extends Berth

Phase 2A
 Master Plan 10-Year Vision
 Extends Berth 29

Developed 4 Alternatives at Conservation Easement

- **Alternative 1
No Build**
- **Alternative 2
Turning Notch Expansion Only**
- **Alternative 3
Berth 29 Extension Only**
- **Alternative 4
Master Plan Vision**

Assumptions for Quantitative Analysis

- **Alternative 1 - No Build**
No infrastructure to be constructed in the Conservation Easement.
- **Alternative 2 - Turning Notch Expansion Only**
Phase 1 (5-Year Plan) + Phase 2 (10-Year Vision) to be constructed.
- **Alternative 3 - Berth 29 Extension Only**
Phase 2A (10-Year Vision) to be constructed.
- **Alternative 4 - Master Plan Vision**
Phase 1 (5-Year Plan) + Phases 2 & 2A (10-Year Vision) to be constructed.

Constructing Alternative 4, as defined in the Master Plan, provides berthing advantages that increase through-put above the through-put that would be provided by combining the individual through-put for Alternatives 2 & 3.

Alternative 1

No Build at Conservation Easement (Baseline)



Planning Milestone	Annual Port-Wide Throughput Impact		
	Estimated TEU Throughput	TEU Delta from Baseline	Crushed Rock Tons
5-Year (Year 2012)	1,352,000	--	--
10-Year (Year 2016)	1,461,000	--	--
20-Year (Year 2026)	2,266,000	--	--



Alternative 1

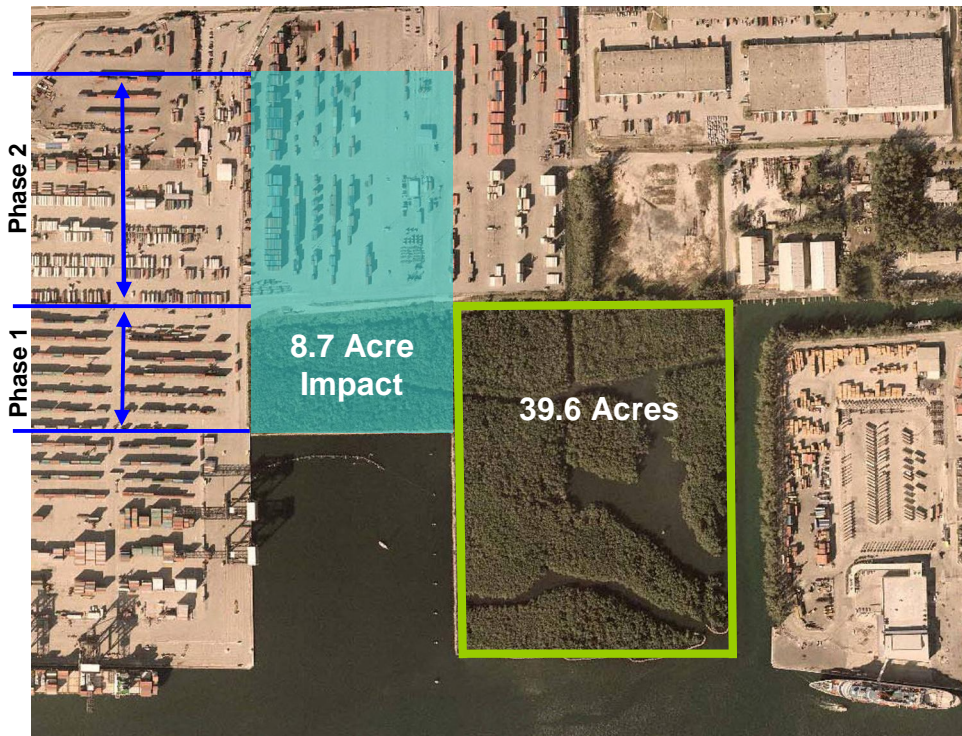
No Build at Conservation Easement (Baseline)

Total Jobs = direct, induced, indirect, and related Statewide

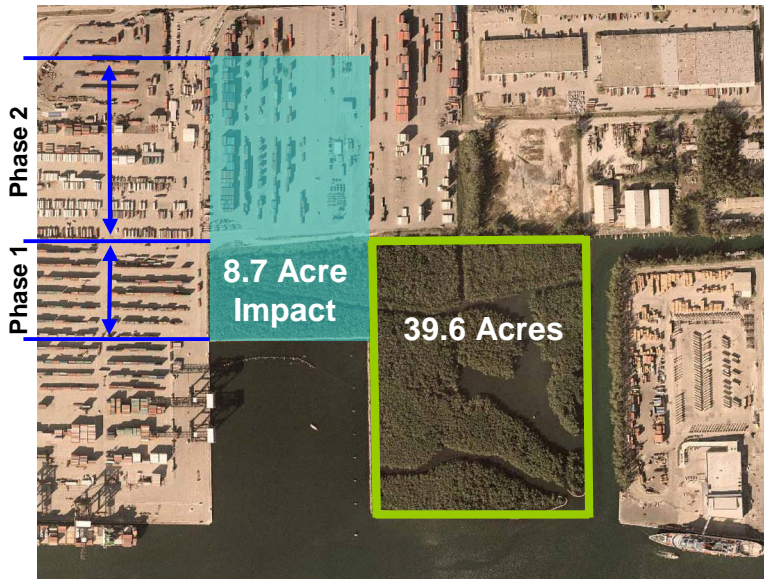
Planning Milestone	Construction/ Restoration Cost	Annual Revenue Impact	Economic Impact			
			Total Jobs	Annual Personal Income	Annual Economic Activity	Annual Taxes
5-Year (Year 2012)	\$0	\$0	0	\$0	\$0	\$0
10-Year (Year 2016)	\$0	\$0	0	\$0	\$0	\$0
20-Year (Year 2026)	\$0	\$0	0	\$0	\$0	\$0

Alternative 2

Turning Notch Expansion Only



Planning Milestone	Annual Port-Wide Throughput Impact		
	Estimated TEU Throughput	TEU Delta from Baseline	Crushed Rock Tons
5-Year (Year 2012) Phase 1	1,352,000	0	0
10-Year (Year 2016) Phase 2	1,703,000	+242,000	+4,000,000
20-Year (Year 2026)	2,581,000	+315,000	+4,000,000



Alternative 2

Turning Notch Expansion Only

Total Jobs = direct, induced, indirect, and related Statewide

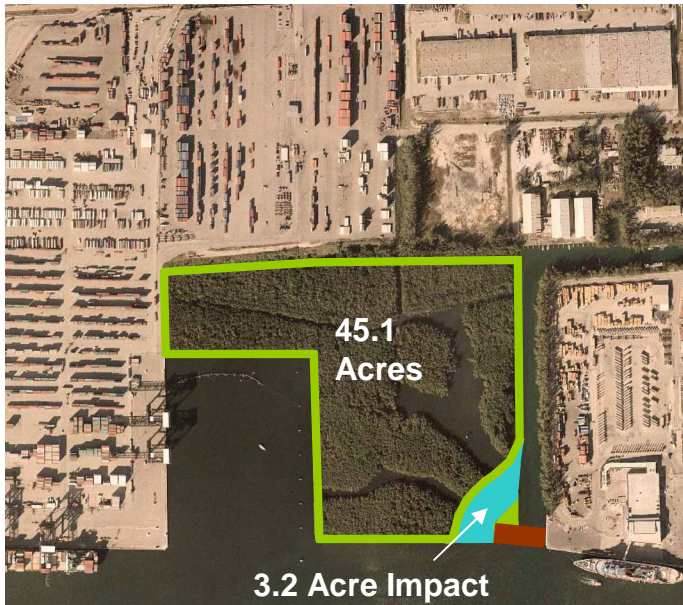
Planning Milestone	Construction / Restoration Cost	Annual Revenue Impact	Economic Impact			
			Total Jobs	Annual Personal Income	Annual Economic Activity	Annual Taxes
5-Year (Year 2012) Phase 1	\$30,000,000 \$38,000,000	0	--	--	--	--
10-Year (Year 2016) Phase 2	\$60,000,000 \$0	\$12,057,660	43,286	\$1.39 billion	\$3.85 billion	\$127.8 million
20-Year (Year 2026)	0	\$14,337,450	55,782	\$1.77 billion	\$4.98 billion	\$163.2 million

Alternative 3

Berth 29 Extension Only



Planning Milestone	Annual Port-Wide Throughput Impact		
	Estimated TEU Throughput	TEU Delta from Baseline	Crushed Rock Tons
5-Year (Year 2012)	1,352,000	0	0
10-Year (Year 2016)	1,559,000	+98,000	0
20-Year (Year 2026)	2,407,000	+141,000	0



Alternative 3

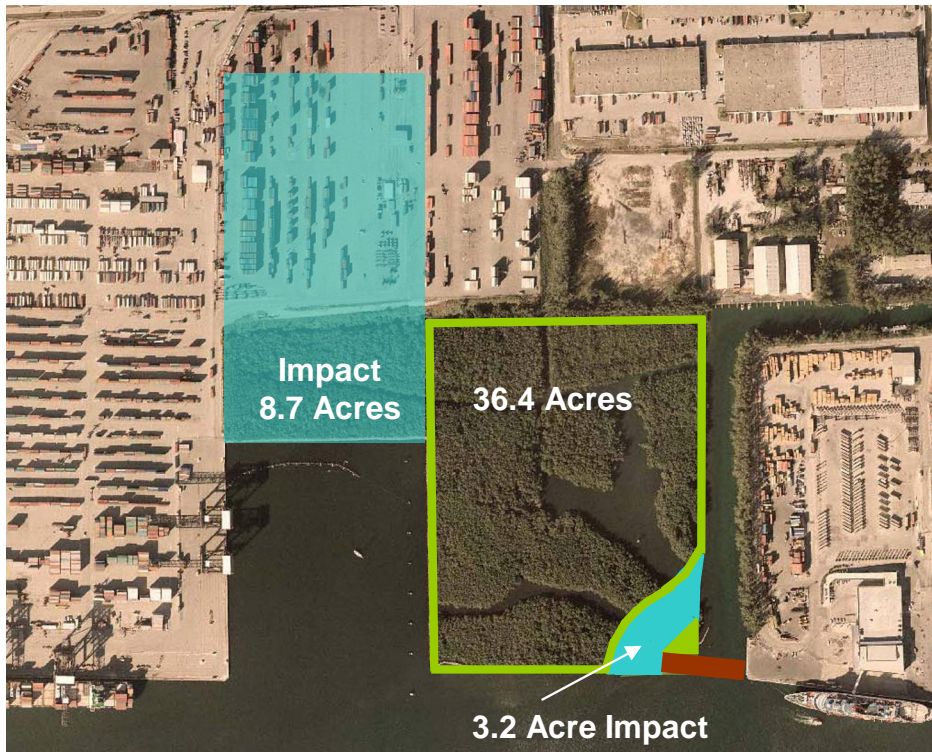
Berth 29 Extension Only

Total Jobs = direct, induced, indirect, and related Statewide

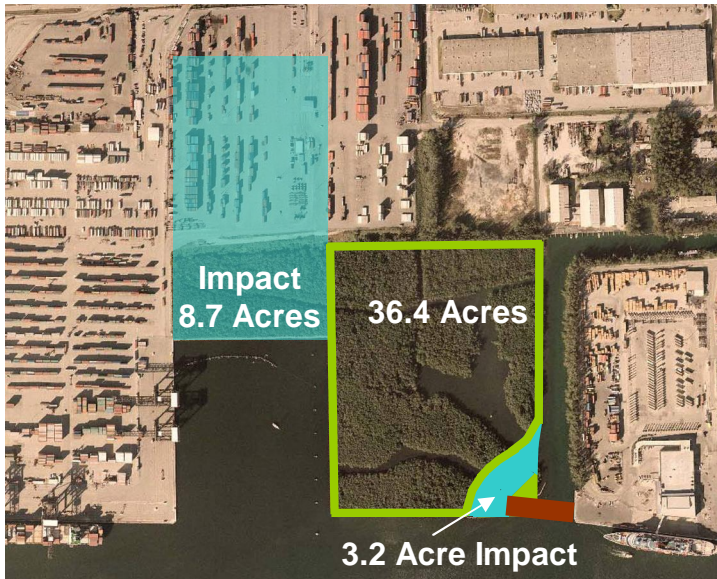
Planning Milestone	Construction / Restoration Cost	Annual Revenue Impact	Economic Impact			
			Total Jobs	Annual Personal Income	Annual Economic Activity	Annual Taxes
5-Year (Year 2012)	0	0	--	--	--	--
10-Year (Year 2016) Phase 2A	\$10,000,000 \$14,000,000	\$3,060,540	16,768	\$517.1 million	\$1.51 billion	\$47.6 million
20-Year (Year 2026)	0	\$4,403,430	24,128	\$744.1 million	\$2.18 billion	\$68.5 million

Alternative 4

Master Plan Vision



Planning Milestone	Annual Port-Wide Throughput Impact		
	Estimated TEU Throughput	TEU Delta from Baseline	Crushed Rock Tons
5-Year (Year 2012)	1,352,000	0	0
10-Year (Year 2016)	1,945,000	+484,000	+4,000,000
20-Year (Year 2026)	2,896,000	+630,000	+4,000,000



Alternative 4 Master Plan Vision

Total Jobs = direct, induced, indirect, and related Statewide

Planning Milestone	Construction / Restoration Cost	Annual Revenue Impact	Economic Impact			
			Total Jobs	Personal Income	Economic Activity	Taxes
5-Year (Year 2012) Phase 1	<u>\$30,000,000</u> \$38,000,000	--	--	--	--	--
10-Year (Year 2016) Phase 2 + 2A	<u>\$70,000,000</u> \$14,000,000	\$19,615,320	84,696	\$2.67 billion	\$7.59 billion	\$245.3 million
20-Year (Year 2026)	0	\$24,174,900	109,688	\$3.44 billion	\$9.84 billion	\$316.2 million

Estimated Annual Throughput Impact Comparison

Planning Milestone	No Build Alternative 1		Turning Notch (Phases 1 & 2) Alternative 2		Berth 29 Alternative 3		Master Plan Alternative 4	
	TEU Delta from Baseline	Annual Throughput of Crushed Rock (Tons)	TEU Delta from Baseline	Annual Throughput of Crushed Rock (Tons)	TEU Delta from Baseline	Annual Throughput of Crushed Rock (Tons)	TEU Delta from Baseline	Annual Throughput of Crushed Rock (Tons)
5-year	--	--	0	0	0	0	0	0
10-year	--	--	+242,000	+4,000,000	+98,000	0	+484,000	+4,000,000
20-year	--	--	+315,000	+4,000,000	+141,000	0	+630,000	+4,000,000

Estimated Annual Revenue Impact

	No Build Alternative 1	Turning Notch (Phases 1 & 2) Alternative 2	Berth 29 Alternative 3	Master Plan Alternative 4
5-year	--	0	0	0
10-year	--	+\$12,057,660	+\$3,060,540	+\$19,615,320
20-year	--	+\$14,337,450	+\$4,403,430	+\$24,174,900

No Build Alternative Impact

- **No environmental impact** at Conservation Easement; No associated mitigation improvements at West Lake Park and no enhancement at Deerfield Island
- **Reduces** TEU throughput potential in 20 years by 630,000 TEU's - equates to 2/3's of today's throughput
- **Restrains** competition with out-of-state ports for the larger container ships due to the limitation on size of Berth 30
- **Impacts** start-up schedule and cost participation by Port on the ICTF due to loss of private investment
- **Deletes** the import of crushed rock aggregate and raw materials for cement needed by the construction industry due to not having an enclosed transport / storage system for dry bulk – 4 million tons / year

No Build Alternative Impact

- **Potential Statewide Loss of:**

109,688

**Total Jobs (direct, induced, indirect
and related)**

\$ 3.44 billion

**Total Annual Personal Income (direct,
induced, indirect and related)**

\$ 9.84 billion

**Total Annual Value of Economic
Activity (business services revenue and
related user output)**

\$ 316.2 million

Annual State and Local Taxes

At Year 2026