

Fort Lauderdale-Hollywood International Airport Master Plan Update and Implementation

BOCC Briefings

May 11 2010

Master Plan Update
Fort Lauderdale-Hollywood International Airport

Jacobs Consultancy
5850 Coral Ridge Drive, #314
Coral Springs, Florida 33076
(954) 796-6035



Action Item

MOTION TO AUTHORIZE the Aviation Department to transmit an updated Master Plan document for the Fort Lauderdale- Hollywood International Airport (FLL) to the Federal Aviation Administration (FAA).

1. Submission of Master Plan to FAA

- Report document complete
- ALP Updated – Approved by the Board for Transmittal December 9, 2008
Agenda Item No. 63
- EIS coordination complete

2. Two long-term Terminal area development options maintained for future decision

- Redevelopment Alternative
- Additive Alternative

3. Master Plan Implementation

- Current airside and landside project coordination
- Upcoming CIP projects

4. Master Plan management and update requirements

- Continuous management and coordination of Master Plan goals

Master Plan Drivers

1. Terminal Area Forecast (TAF)

- FAA forecast released annually

2. Recent Activity

- Erratic aviation activity due to economic and security issues over the past decade

3. Planning activity levels and triggers

- Forecast enplanements
- Airline specific requirements – terminal specific

4. Facility requirements analysis and utilization rates

- Derivative program analysis
- Gate utilization

5. Givens

- Proposed South Runway extension per County policies
- Runway 13/31 decommissioned
- Maintain Concourse A options
- T4 renovation and expansion

Master Plan Guiding Principles

1. Maximize flexibility

- Facility improvements are —demand driven”
- Additive vs. Redevelopment decision not needed right now

2. Maximize efficiency

- Maximize utilization of existing facilities through common use systems, terminal leasing strategies, and appropriate CIP management

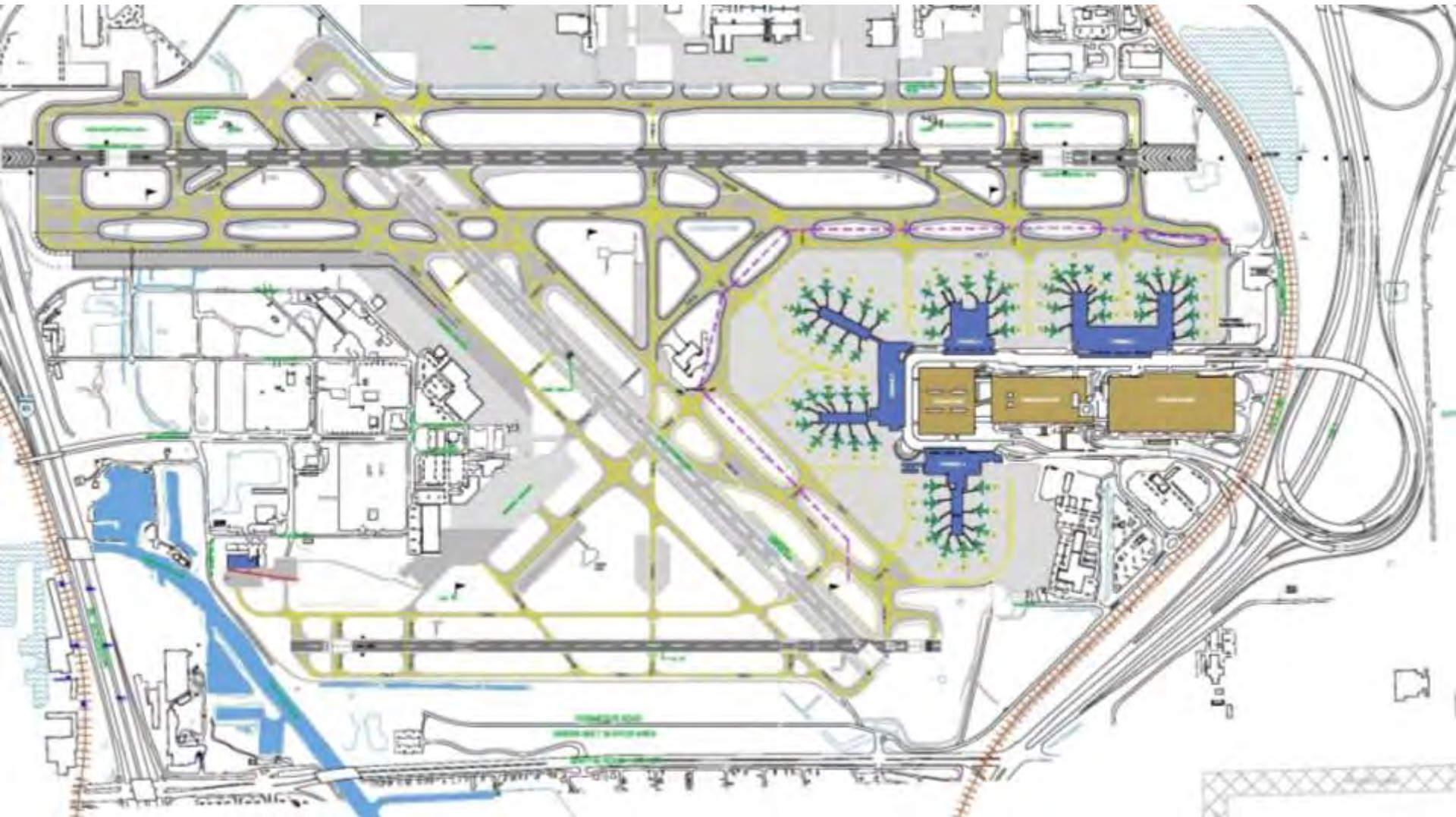
3. Proactive renewal and replacement (R&R)

- Maintain Infrastructure

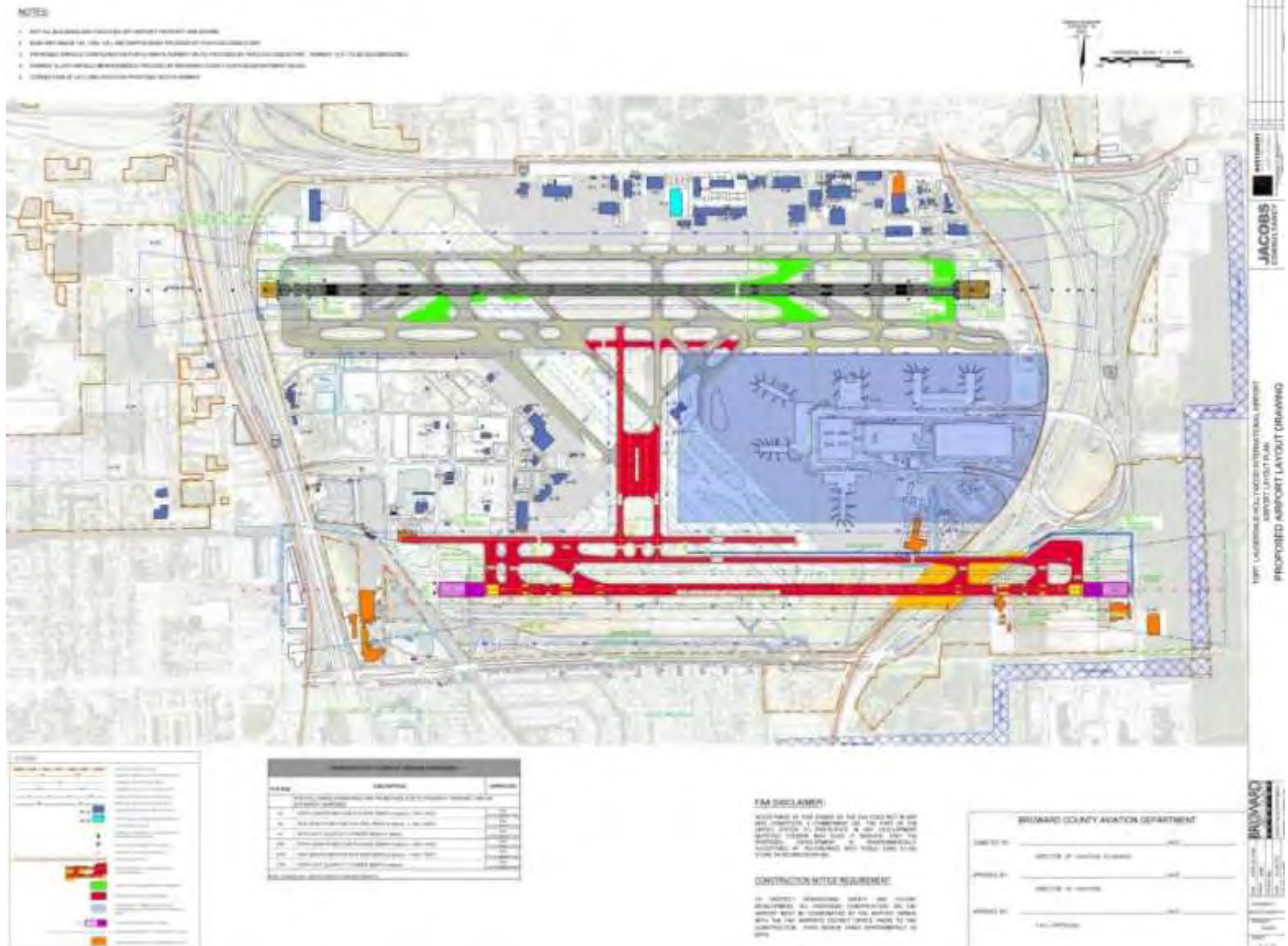
4. Maintain competitive cost structure and rates

- Maximize Federal and State grants
- Maximize PFC revenues
- Maximize nonairline revenues
- Minimize debt costs with utilization of commercial paper, line of credit for LOI, etc. for efficient financing when possible

Existing Airport Plan – 57 Gates

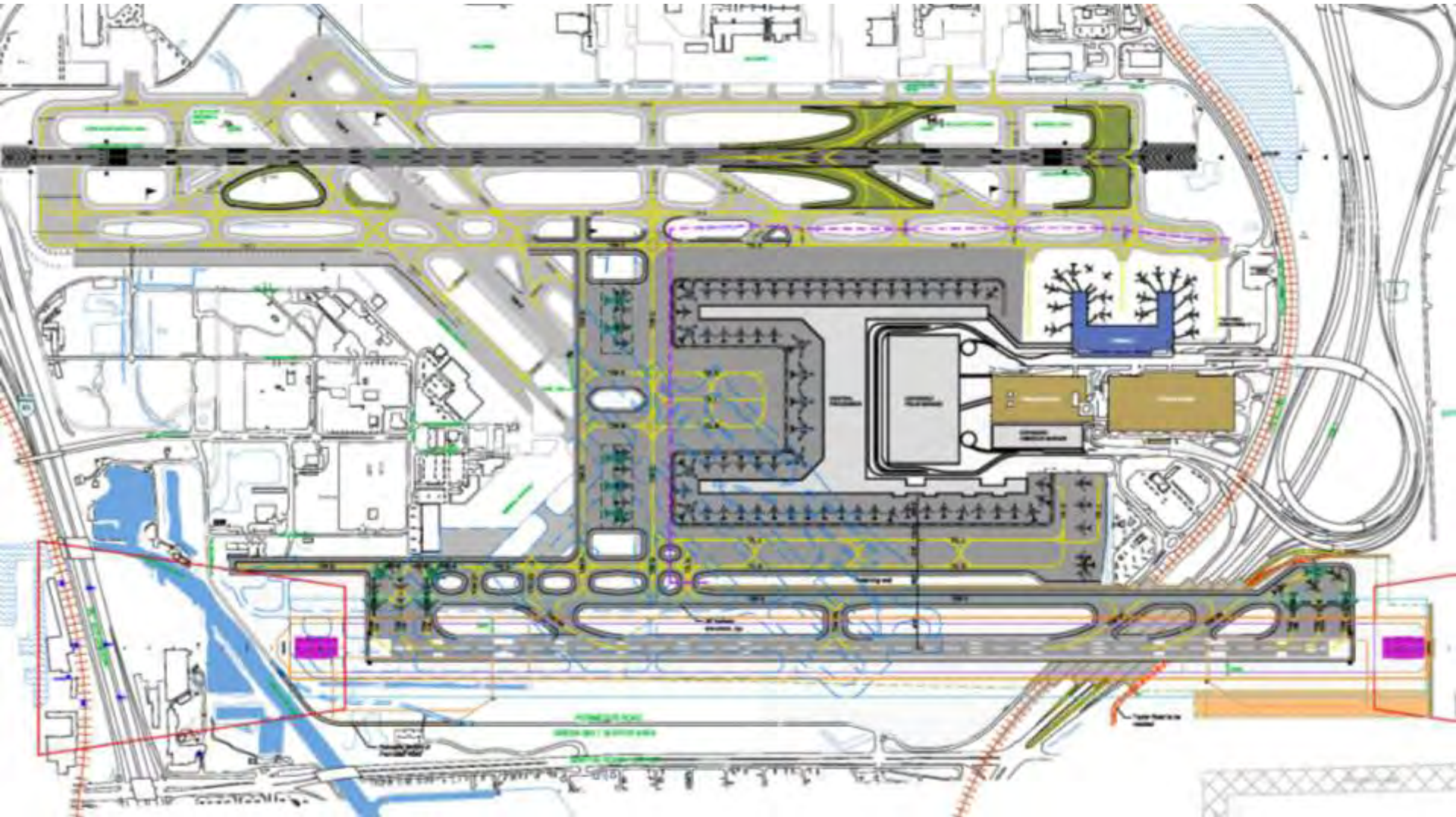


Runway Extension Airport Layout Plan (ALP) – FAA Approved



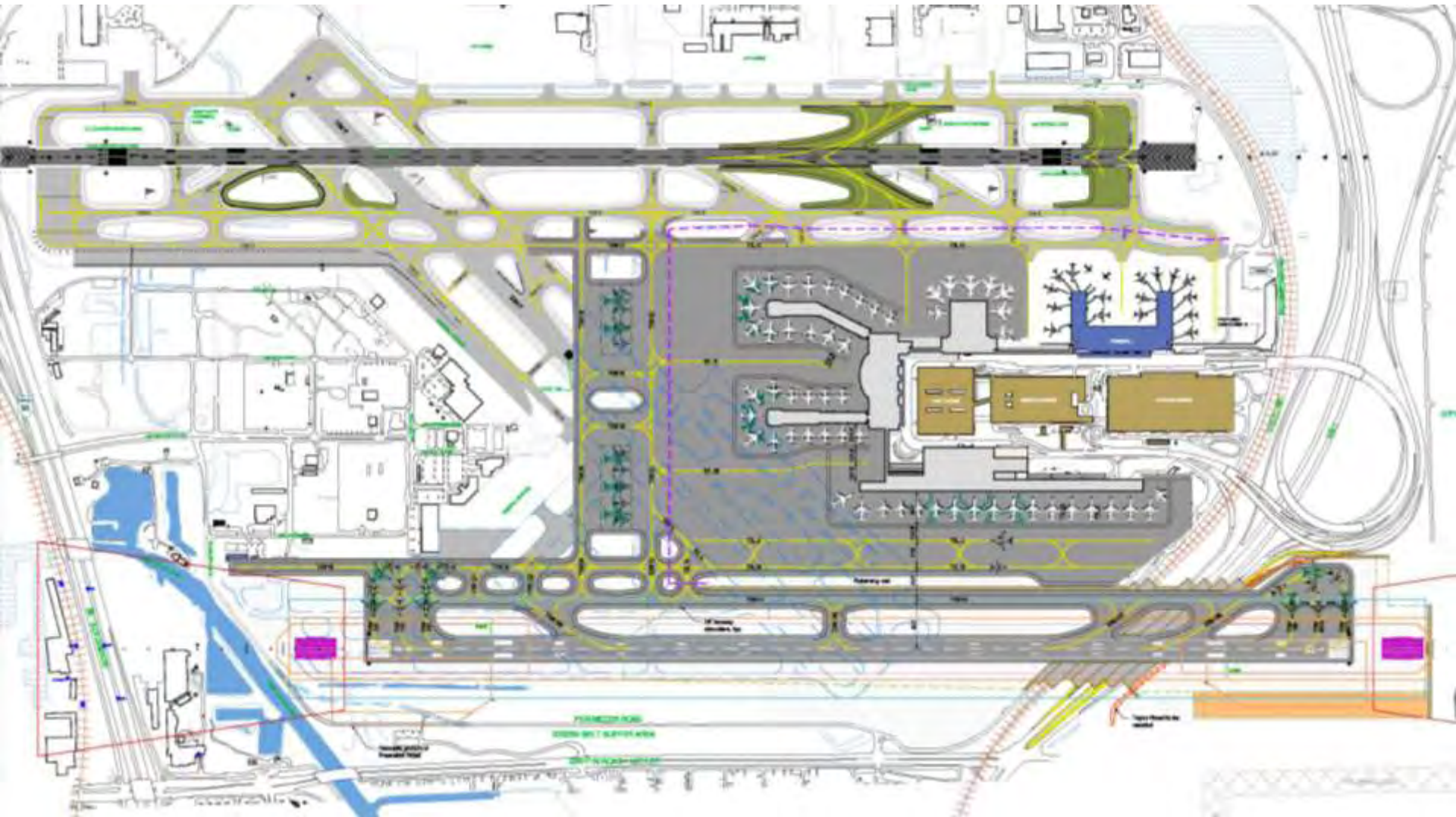
Airfield Plan Refinement – Ultimate Airfield – 79 Gates

Terminal Area: “Redevelopment” Scheme



Airfield Plan Refinement – Ultimate Airfield – 79 Gates

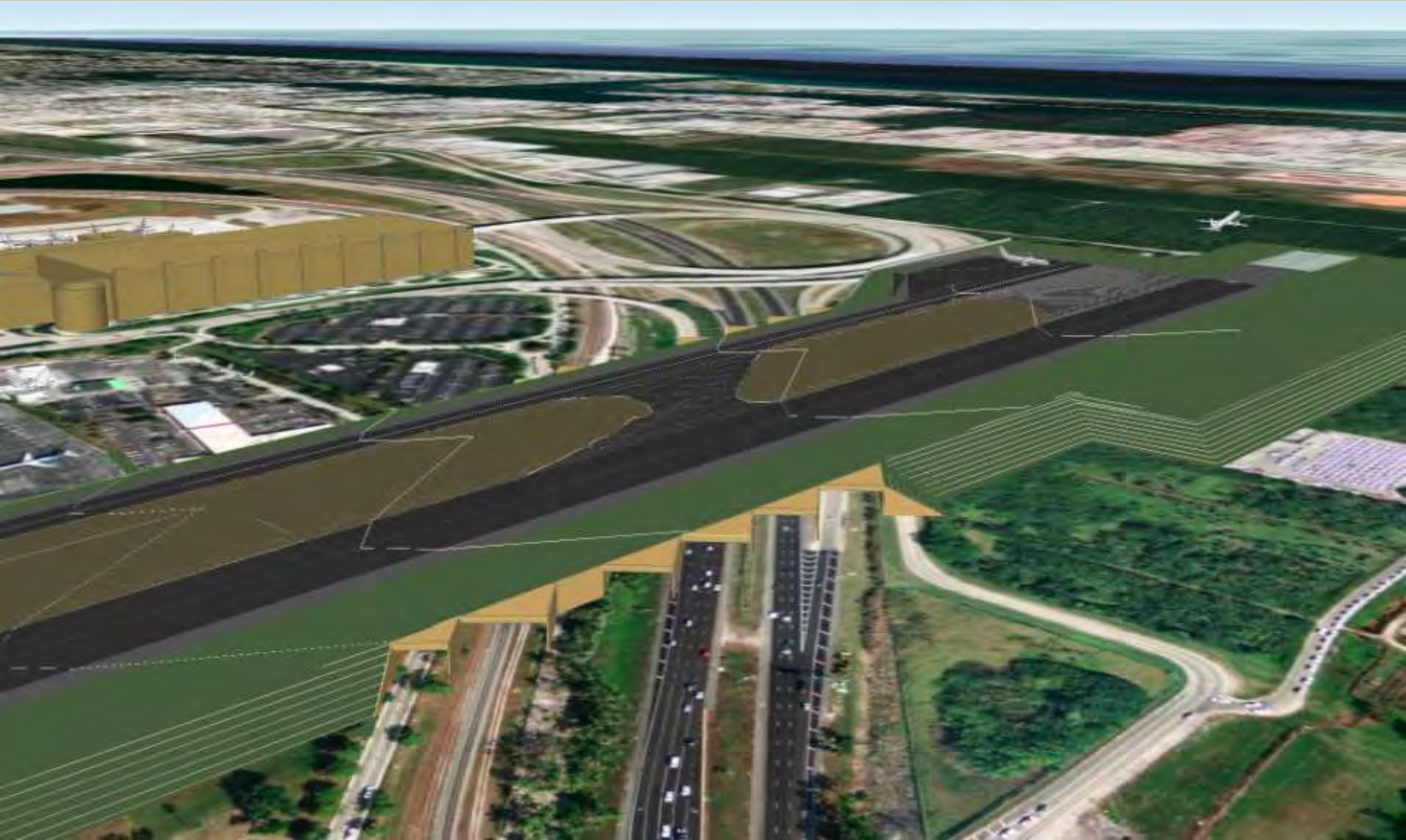
Terminal Area: “Additive” Scheme



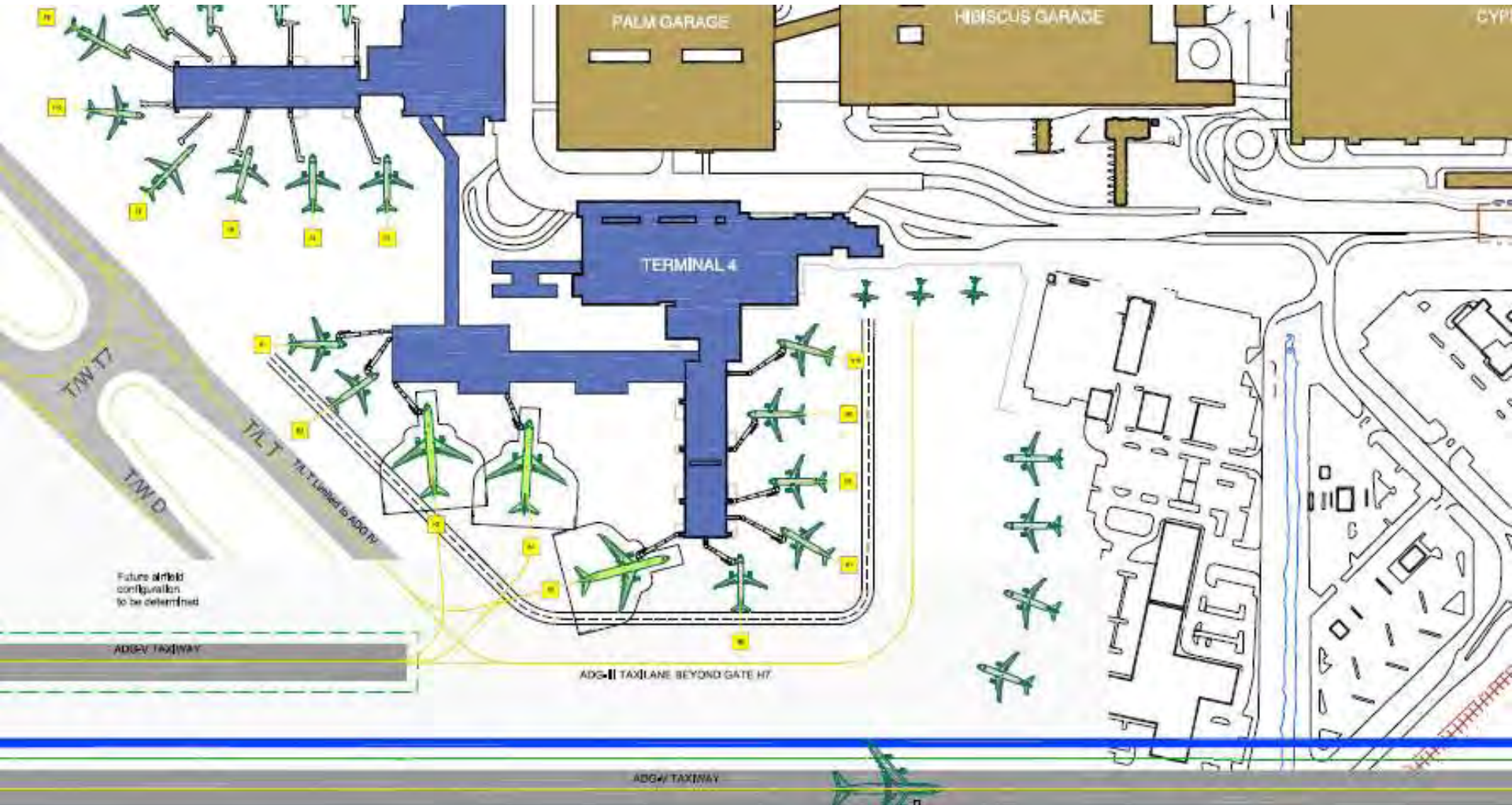
Airfield Plan Refinement – Runway Extension Earthwork & Structure



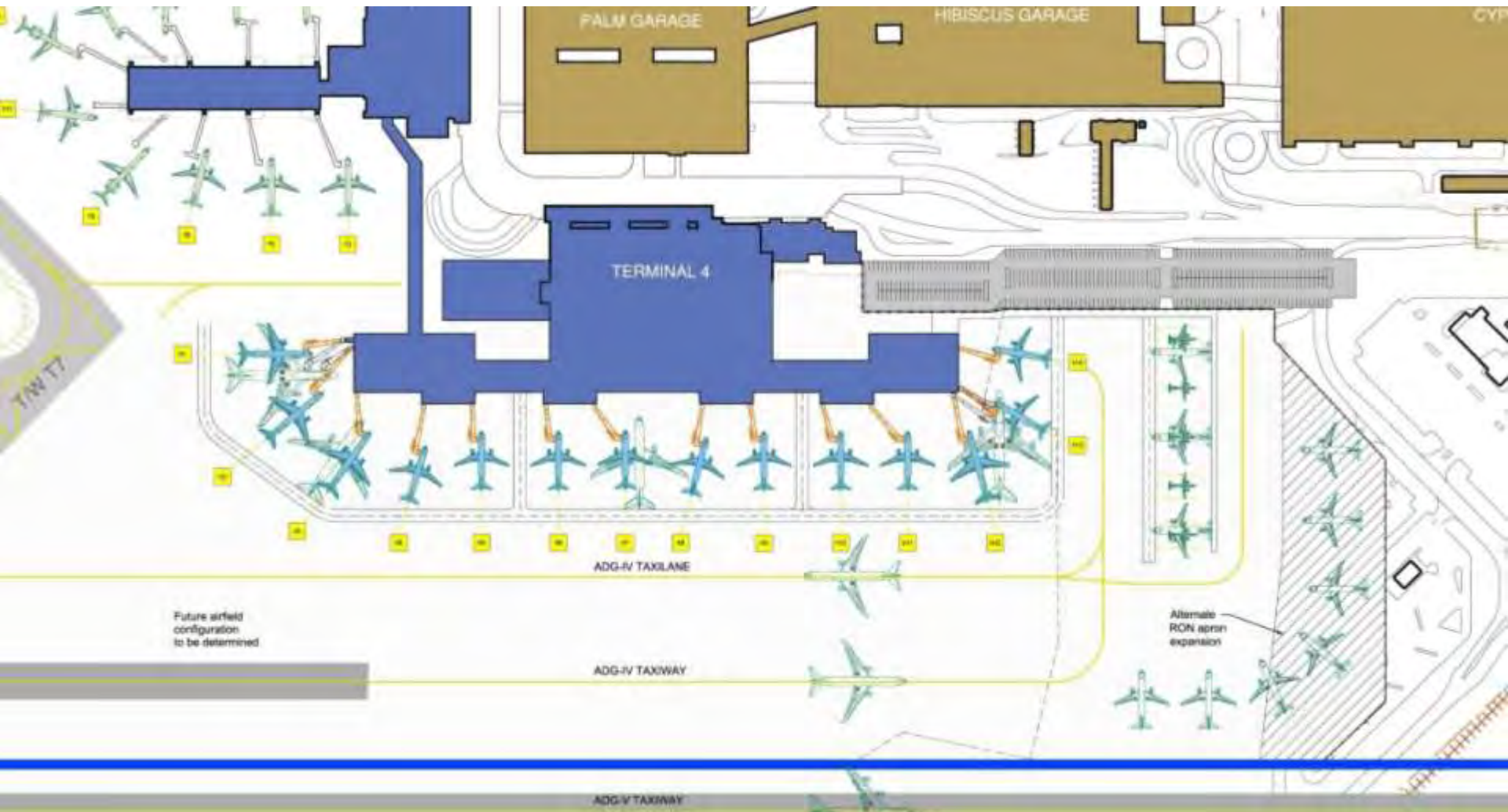
Airfield Plan Refinement – Runway Extension Earthwork & Structure



Terminal 4 Planning Study – West Expansion – 10 Gates

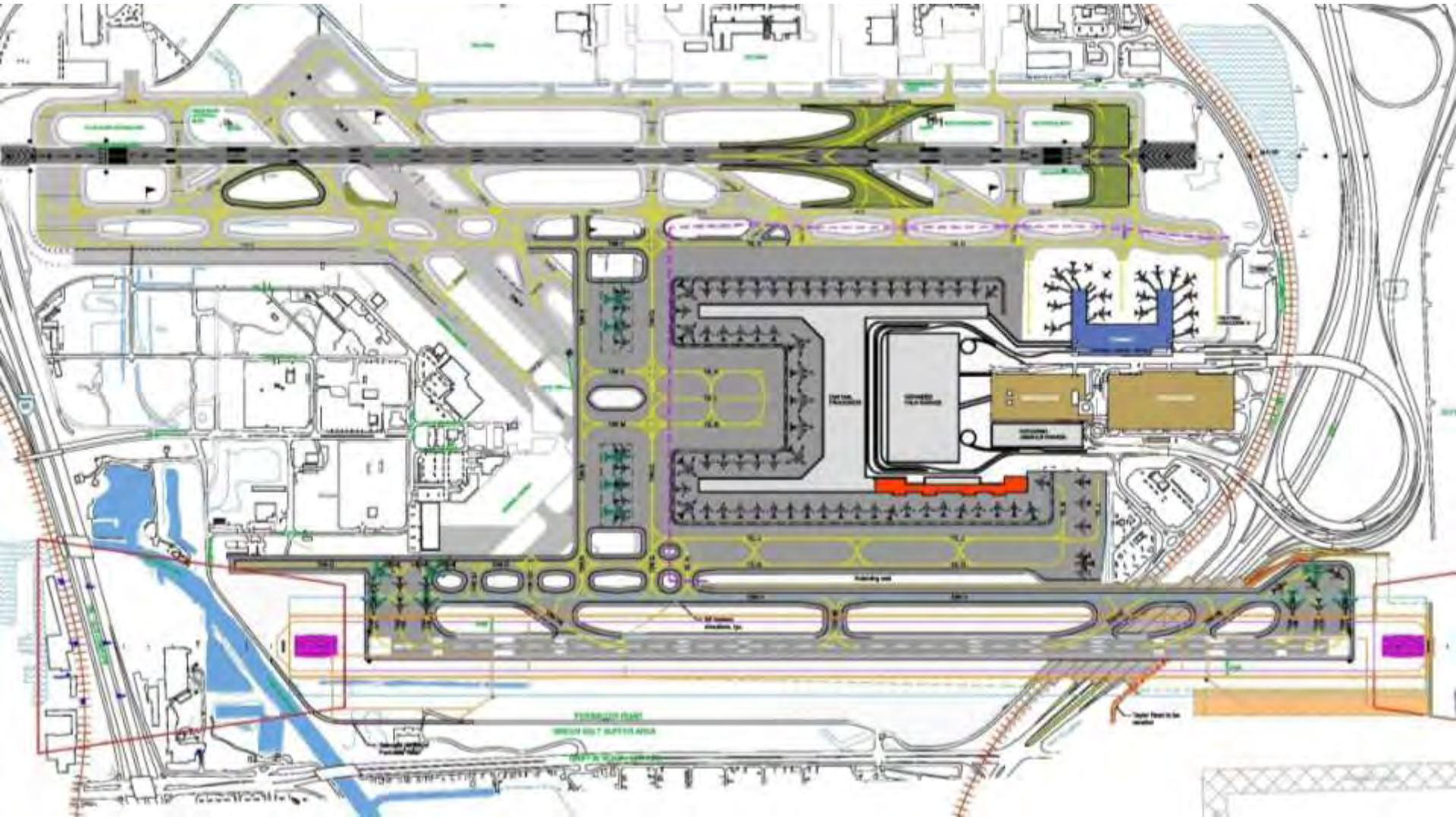


Terminal 4 Planning Study – Ultimate 14 Gate Reconfiguration



T4 Project Integration with Master Plan- Redevelopment 79 Gates

Terminal Area: “Redevelopment” Scheme



T4 Project Integration with Master Plan – Additive 79 Gates

Terminal Area: “Additive” Scheme



Continuous Master Plan Management and Implementation

Completed Studies:

1. Airfield Plan Refinement
2. Terminal 4 Concourse Reconfiguration Planning
3. Terminal 3 Facility Optimization Planning
4. Terminal 3 Short-term Security Checkpoint Study
5. High-Level Financial Modeling Review of Letter of Intent (LOI)

Active Studies:

1. Terminal 2 Facility Optimization Planning
2. Terminal 1 Facility Optimization Planning
3. Review of Annual Budget Pursuant to Bond Resolution
4. Ground Transportation / Parking Facility Planning
5. Inter-Agency Airspace Protection Issues

Upcoming Tasks:

1. Terminal Area Design Standards
2. Sustainability / Energy planning strategy
3. Project Definition

May 2010

Upon Board Approval of authorization, Aviation Department will forward the FLL Master Plan to FAA.