



# Port Everglades Master/Vision Plan Update Charrette Summary Meeting

June 19, 2009



AECOM

The purpose of this presentation was to review the progress of the update to the 2006 Master/Vision Plan with the audience. The information contained herein is in draft form and was accompanied by a verbal description during the presentation and has not been approved by Broward County. Since the following slides are in draft form the information thereon is subject to change.



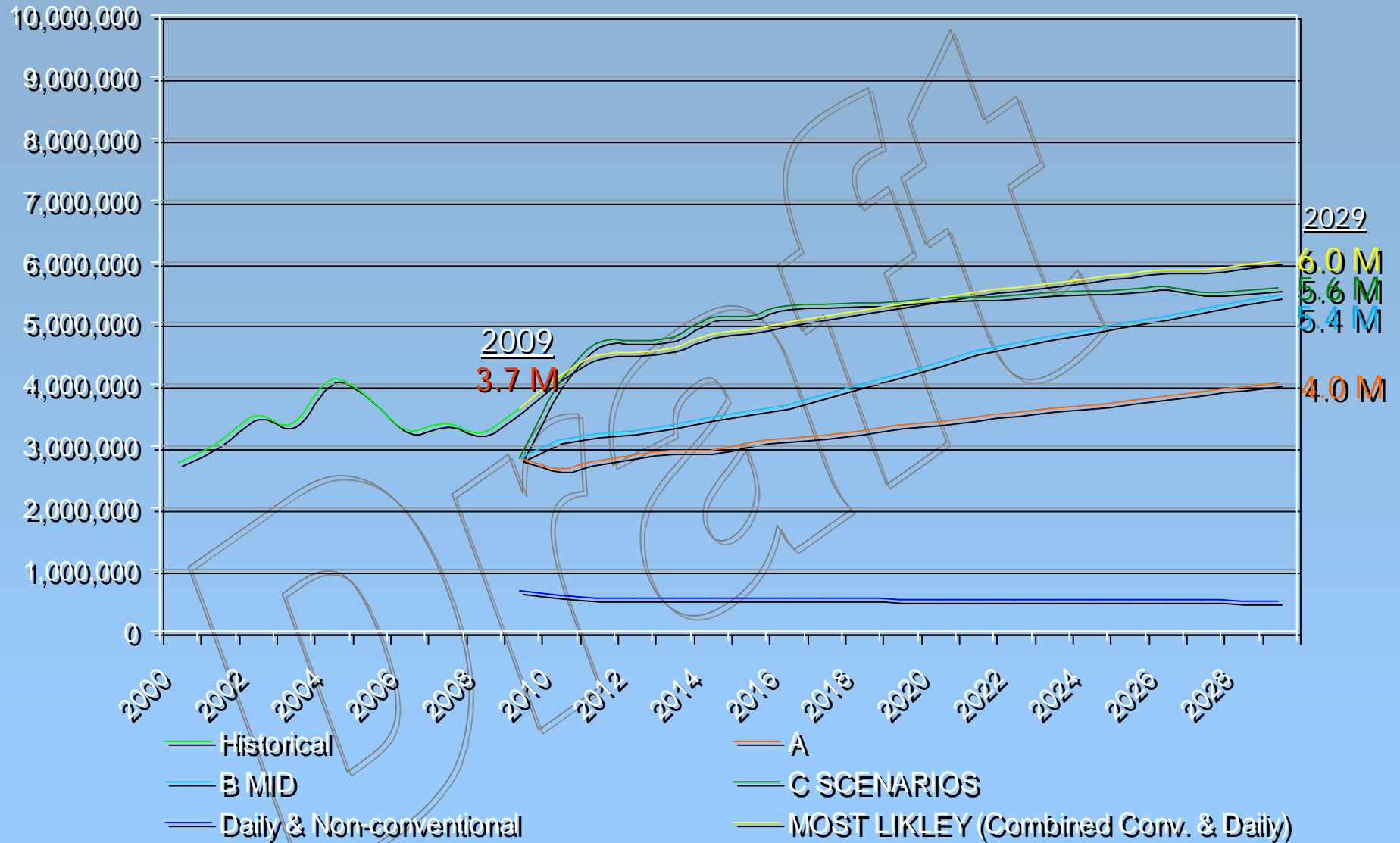
# Updating Element 2: Market Assessment

- **Bermello, Ajamil & Partners - Cruise**
- **Martin & Associates - Containerized Cargo**
- **Purvin & Gertz - Liquid Bulk**
- **Sclar & Associates - Non-Containerized Cargo**

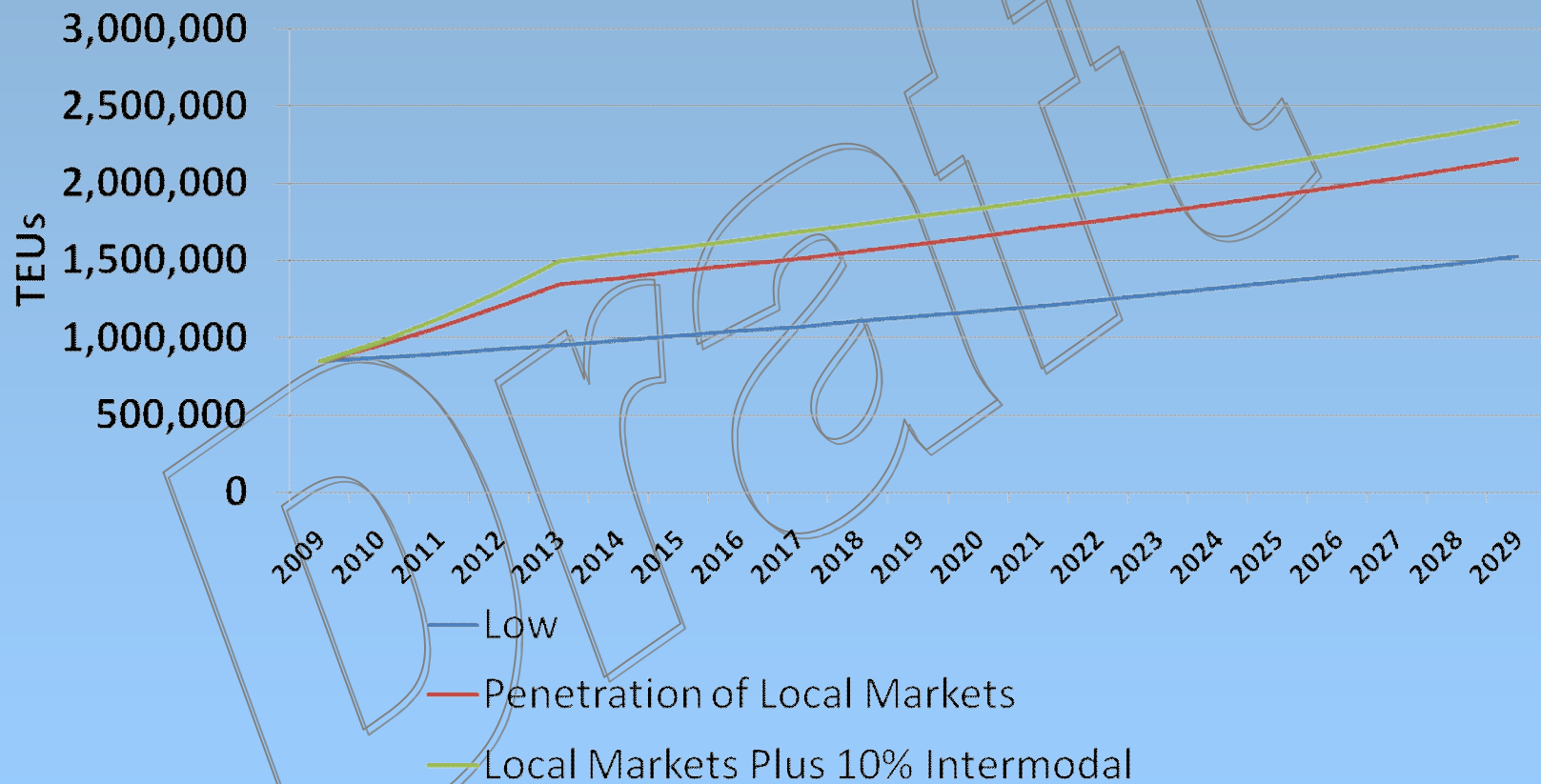
**(For 20-year Design Horizon; 2009 to 2029)**



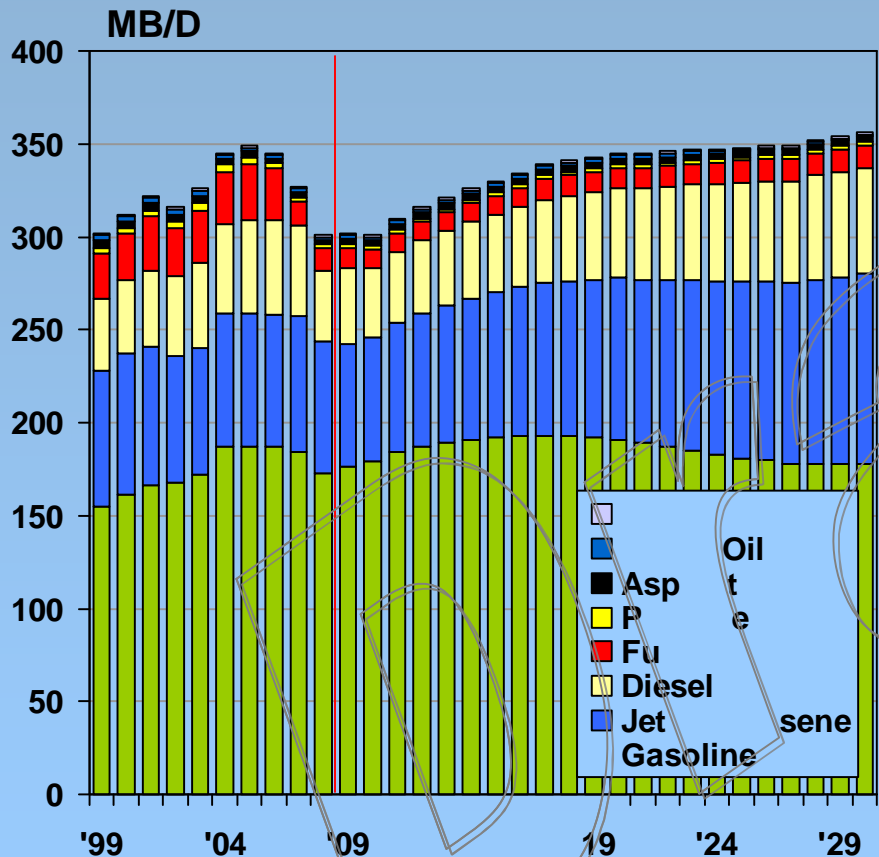
# Cruise: Range of Revenue Passenger Projections



# Container Projections



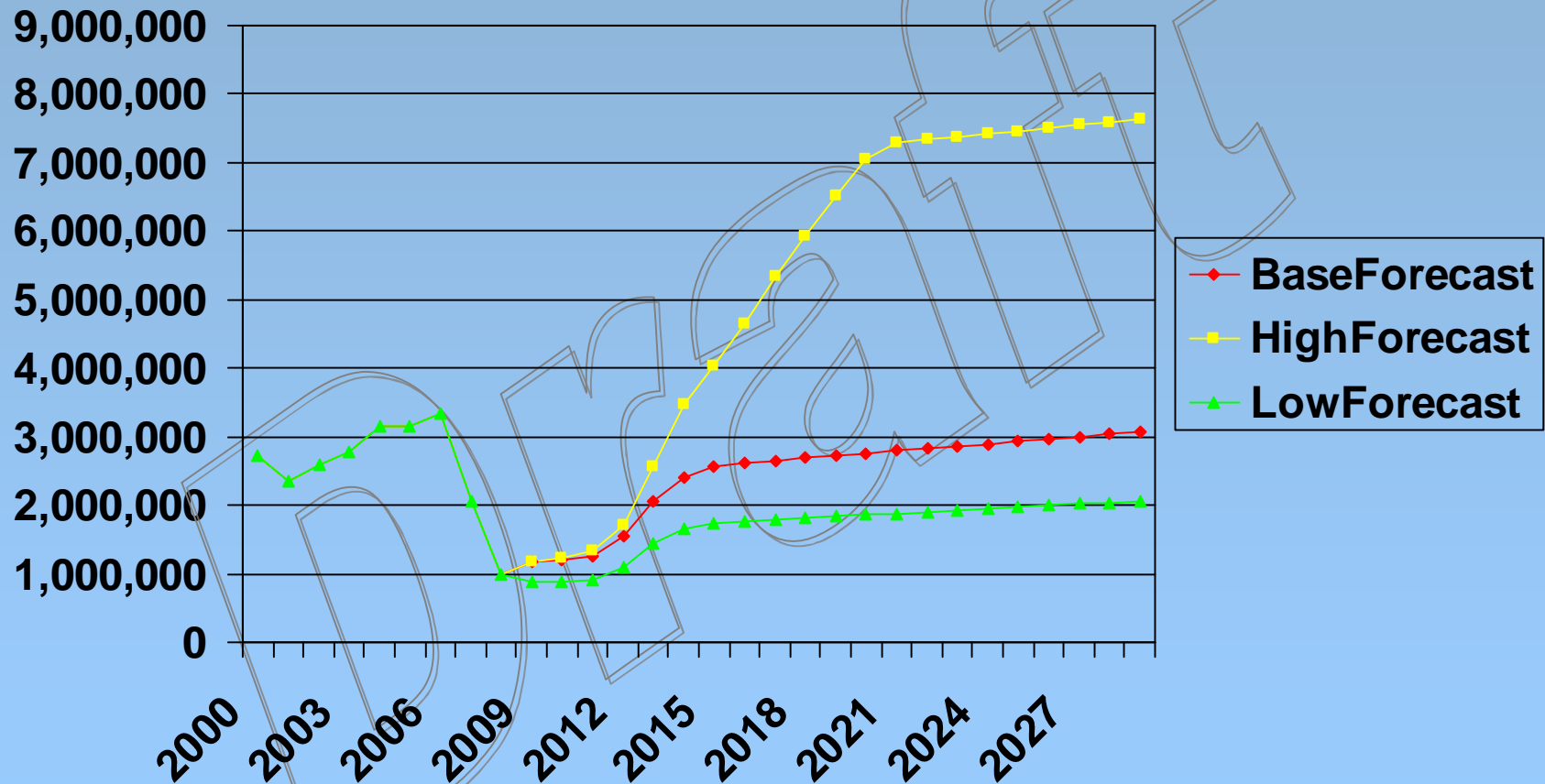
# Liquid Bulk: Potential Throughput



- Throughput flat through 2010, 0.9% per year increase thereafter
- Gasoline will continue to be largest throughput volumes
- Distillate to become larger percentage of throughput
- Biofuels and greater number of fuel grades to create additional complexities



# Dry Bulk and Neo Bulk Base, High and Low Forecasts



# Updating Element 3: Plan Development

- **Updating Project Development for:**
  - **Cruise**
  - **Containerized Cargo**
  - **Liquid Bulk**
  - **Bulk & Neo Bulk Cargo**





# 20-Year Vision for Cruise

## Cruise Assessment

- 6 million revenue passengers

## Infrastructure Objective

- Berths to Accommodate 7 Minimum / 8 Preferred 1,100 ft LOA Ships



# 20-Year Vision for Cruise

## Infrastructure Projects to Reach Objective

- Slip 2 Expansion
- 1100 ft LOA Cruise Ships on ICW
- Cruise Terminal Expansions
- Parking Expansions
- Intermodal & Access Improvements



# 20-Year Vision for Containers

## Container Assessment

- 2.4 million TEUs (high potential)

## Infrastructure Objective (possible scenario)

- 4 Berths for 900 ft LOA Ships with Ship-To-Shore Cranes
- 3 Berths for RO/RO
- 2 Shared Berths with STS Cranes
- 1 Berth for Ship-Mounted Crane



# 20-Year Vision for Containers

## Other Berth Configurations Possible

- 1 Berth for 1140 ft LOA Ship w/STS Cranes
- 2 Berths for 900 ft LOA Ships w/STS Cranes
- 1 Berth for 700 ft LOA Ship w/STS Cranes
- 3 Berths for RO/RO
- 2 Shared Berths with STS Cranes
- 1 Berth for Ship-Mounted Crane



# 20-Year Vision for Liquid Bulk

## Liquid Bulk Assessment

- **Generally 0.9% Increase per Year**
- **360,000 Barrels per Day/130 Million Barrels per Year**

## Infrastructure Objective

- **3 Berths for 800 ft LOA by 106 ft Beam Ships**
- **1 Berth for 560 ft LOA by 80 ft Beam Barge**



# 20-Year Vision for Bulk/Neo Bulk

## Bulk/Neo Bulk Assessment

- 7.7 million tons (high potential w/crushed rock)

## Infrastructure Objective

- 1 Berth for General Cargo
- 1 Berth for Crushed Rock & other Bulk
- 2 Berths for Cement



# Project Development

**Deepening & Widening of Waterway**

**Northport Slips Reconfiguration**

**Turning Notch Expansion**

**Dania Cut-Off Canal Development**

**Container Terminal Yard Technology Improvements**

**ICTF Development**

**Parking Capacity Expansion**

**Access Improvements**



# Next Steps

**ACOE Deepening and Widening Study**

**Master Plan Project Development**

**Website updates at:**

[www.portevergladesmasterplan.com](http://www.portevergladesmasterplan.com)

