Canaveral Port Authority
Department of Infrastructure, Real Estate & Recreation
Port Projects Status Update
Past, Present & Future

Updated February 2014
Once upon a time...
Where we have been

Aerial view of the Port taken in December 1961.
Where we are now

Aerial view of the Port taken in July 2013.
Aerial view of the Port taken in May 2011.
Completed Projects*:
- Corner Cut Off (Halcrow, JP Donovan Construction)
- Cruise Terminal 3 Renovation (BRPH/Halcrow, Doug Wilson & Orion Marine)
- Commercial Vehicle Staging Access (CH2MHill, Doug Wilson)
- Cruise Terminal 8 Renovations (CPA, Theisen Development)
- Ordinance Storage Building (Rood & Zwick, Ivey’s)
- Maritime Center IT HVAC Upgrades (TLC, Britt’s)
- Cruise Terminal 6 (Skanska/Ivey’s/BEA/BRPH/SSA)
- Cruise Terminal 6 Parking Garage (Ivey’s/Finfrock)
- Cruise Terminal 6 Gangway (Halcrow, TEAM)
- Jetty Maritime Park Improvements (CEG, Joyal Construction)
- Fuel Tank Demolition (FPL, Gen-On/Marathon)
- Cruise Terminal 10 Lobby Expansion (CH2MHill, W&J)
- First Response Fire Station & Ops Center (Rood & Zwick, Doug Wilson)
- Exploration Tower (f/k/a Welcome Center) (GWWO, AECOM, Skanska)

Projects Underway or Starting:
- Cove Project (GWWO, AECOM)
- North Cargo Berth 5 & 6 (Halcrow, Orion Marine)
- NCB6 Crane Rails and STS Cranes Delivery (CH2MHill, Orion, Cargotec)
- Port Canaveral Amphitheater (Rood, Zwick & Kerr, H.J. High)
- Channel Widening & Deepening (CH2MHill, GLF, Dutra)
- Cruise Terminal 1 (Ivey’s/BEA/Allen Eng/TLC/Hall/Kinley)
- Cruise Terminal 1 Parking Garage (Finfrock/Ivey’s/BEA)
- Cruise Terminal 1 Berth (CH2MHill/Orion)
- East Public Boat Ramps (JP Donovan/ISS/Olsen)
- PARCS Electronic Parking Payment System (CH2MHill/Walker/Danella/Heard)
- NOTU Boat Ramp (Lucas Marine/CGA)
- Maritime Center HR Buildout (Heard)
- Cove Master Development
- Rail Connection to FEC (TranSystems)

Projects for Future?
- North Cargo Berth 8 (Halcrow, Orion)
- Northside Stormwater Development Master Plan (CH2MHill)
- North Turning Basin

* - Projects started since 2011
Project Delivery Methods

• RFQ – Request for Qualifications (for Professional Services, CCNA)

• ITB – Invitation to Bid a/k/a “Hard Money Bid”

• RFP – Request for Proposals
  – CM @ Risk with a GMP
  – Design/Build
  – Continuing Service Contracts for CM Services
Corner Cut Off Project – Phase 2

Project Costs: $11,392,530
Designer: Halcrow, Inc.
Contractor: JP Donovan Construction, Inc.
Start Date: February 2011
Completion Date: October 2011

Project Description/Statistics: This project was to complete the corner cut off of the west turning basin to allow for the larger cruise ships sufficient clearance to turn within the basin and dock at the cruise terminals. This required the removal of material from elevation +8’ to upland disposal plus 251,000 CYs of material upland from +8’ to -13’ (MLLW). The remaining material from -13’ to -35’ would be disposed off shore. Also part of this contract was 176,000 CYs of dredging of the South Jetty Sediment Trap to -44’ (MLLW) to both near and off shore disposal.

Aerial view of the Corner Cut Off Project prior to commencement. Project also included the filling in of the fishing fleet basin on the left.

Project at the midpoint with the fishing fleet basin filled in and the dredging beginning work in the harbor.

Project at completion, ready for the new North Cargo Berths 5 and 6 to begin.
Cruise Terminal 3 Renovations

**Project Costs:** $626,325 (DWE=$250,524, OMG=$200,293, Allsite=$87,210, Sunstate=$80,738, Others=$7,560)

**Designer:** BRPH (Terminal), Halcrow (Waterside)

**Contractor:** Doug Wilson Enterprises (Terminal), Orion Marine Group (Waterside)

**Start Date:** August 2011

**Completion Date:** October 2011

**Project Description/Statistics:** This project was a renovation and upgrade to temporarily port Ecstasy - Carnival's newest cruise ship to Port Canaveral until the new cruise terminal 6 was completed. This project required a temporary tent structure to hold passengers until the ship was ready to board. To board the ship, a new gangway was needed that required modifications to the existing pier to allow the gangway to connect to the ship. New canopies were included to provide weather protection to passengers embarking and disembarking the ship. Part of the renovation also included upgrades to the Customs and Border Protection (CBP) area with new primary processing booths.
Commercial Vehicle Access Staging

North side staging access area access road.

New collection booths on the south side staging access area.

**Project Costs:** $208,982  
**Designer:** CH2M Hill  
**Contractor:** Doug Wilson Enterprises  
**Start Date:** September 2011  
**Completion Date:** November 2011  
**Project Description/Statistics:** This project was the modification of existing parking areas to create lanes with collection booths to collect fees from commercial vehicles servicing the Port with passengers from offsite venues.
Cruise Terminal 8 Modifications

A collection of work completed including new CBP primary processing booths, photo mosaic tile at the ticket counters, railings in the baggage area, ramps and signage at the bus area and a new vending machine area.

Project Costs: $930,000
Designer: Canaveral Port Authority
Contractor: Theisen Development Corporation
Start Date: June 2011
Completion Date: May 2013
Project Description/Statistics: This project is the completion of the Disney Terminal (CT8) Expansion punch list that the previous contractor failed to complete. During the course of completion, additional work was requested by Disney and CBP expanding the scope of work.
Project Costs: $34,265
**Designer:** Rood & Zwick  
**Contractor:** Ivey’s Construction  
**Start Date:** October 2011  
**Completion Date:** January 2012

**Project Description/Statistics:** Through a Federal Grant to bring bomb-sniffing dogs to the Port, a requirement was to have explosive material stored on site to maintain the training of the dogs. These explosives are to be stored in a special bunker, inside an enclosed building. This project was the construction of the building enclosure around the bunker.
Cruise Terminal 6

Project Costs: $47,410,036 (Total) $25,600,000 (Terminal) $21,810,036 (Berth)
Designer: BEA/BRPH/SSA (Terminal) Halcrow, Inc. (Berth)
Contractor: Skanska/Ivey's Construction (Terminal) Orion Marine Group (FKA Misener Marine) (Berth)
Start Date: July 2011
Completion Date: August 2012
Project Description/Statistics: This project is a new cruise terminal to serve primarily the newer and larger cruise ships for both home port and port of call ships and will be mostly used by Carnival Cruise Lines. The berthing (waterside) construction (sea wall) for the new cruise terminal 6 includes dredging to a depth of -35 MLLW.
Cruise Terminal 6

A collage of views of the completed Cruise Terminal 6.
A 3-dimensional rendering of one of the gangways.

**Project Costs:** $4,331,738  
**Designer:** Halcrow, Inc.  
**Contractor:** TEAM  
**Start Date:** November 2011  
**Completion Date:** June 2012 (Est.)  
**Project Description/Statistics:** This project is the fabrication, delivery and set up of 2 passenger boarding bridges (gangways) for the new cruise terminal 6.
Project Costs: $8,698,000
Designer: Finfrock/BRPH/SSA
Contractor: Ivey's Construction/Skanska/Fинфrock
Start Date: October 2011
Completion Date: June 2012
Project Description/Statistics: This is a new precast parking garage structure under a design/build contract for approximately 750 cars with a retail space to serve both crew and passengers at the new cruise terminal 6.
Project Costs: $992,255 (Joyal=$839,840, Palm Harbor Homes=$152,415)
Designer: Construction Engineering Group
Contractor: Joyal Construction
Start Date: November 2011
Completion Date: April 2012

Project Description/Statistics: This project is the upgrade of campsites at the Jetty Park campground with new RV pads with electric, water and sanitary hook ups, including a new lift station. New sidewalks and roads were also included along with a new gate entry system. New cabins (8 total) are also being added.
Fuel Tank Demolition

Project Costs: FPL= $60,015, Marathon= $78,000
Designer: n/a
Contractor: Diamond K (FPL), Marathon (Gen-On)
Start Date: January 2012
Completion Date: May 2012
Project Description/Statistics: Two large fuel tanks formerly operated by FPL and Gen-On are no longer required as the power plants that they supplied #6 oil to are no longer in service. This project is the demolition of the tanks to return the leased land back to the Port for future development. FPL is handling their own demolition while the demolition of the Gen-On tank is being handled by the Port.

Photo of the FPL fuel tank being demolished.

Photo of the Gen-On tank prior to demolition.

Photo of the Gen-On being demolished.
Project Costs: $660,348
Designer: CH2MHiIl
Contractor: W & J Construction
Start Date: May 2012
Completion Date: December 2012

Project Description/Statistics: This project is the expansion of the 2 passenger entry lobbies at CT10 to allow more baggage scanners to process passengers faster and to bring waiting passengers into the air conditioned building while waiting to be scanned. This project also includes the upgrades to the data wiring of the tickets counters for use by the different cruise lines.
First Response Fire Station & Operations Center

Project Costs: $2,108,494 (Fire=$1,205,660, Ops=$902,834)
Design: Rood & Zwick
Contractor: Doug Wilson Enterprises
Start Date: April 2012 (Est.)
Completion Date: February 2013

**Project Description/Statistics:** This project includes a grant for the construction of a first response fire station on the north side of the Port. Also included as part of the project but not covered under the grant is an operations building. Both of these buildings will be located adjacent to the Inter-Agency Maritime Operations Center (IMOC) A/K/A Port Canaveral Police Station.
Exploration Tower

Project Costs: $22,600,000 (Phase 1 Budget)
Designer: GWWO, Allen Engineering, AECOM
Contractor: Skanska/Ivey's Construction
Start Date: April 2012
Completion Date: November 2013

Project Description/Statistics: This project is the construction of an iconic welcome center with a museum to draw people to the Cove as a destination location. The project also includes the new infrastructure within the Cove development area that will be developed into a downtown village with shops, restaurants and attractions.
Exploration Tower

Exploration Tower (formally known as) Port Canaveral Welcome Center – December 2013
The Exterior View of the Building
First Floor Reception
North side of the Second Floor
Third Floor
Fifth Floor
Sixth Floor
Seventh Floor-Observation Deck
From the Observation Deck
North Cargo Berths 5 & 6

Aerial view of the start of the project.

Current aerial view of the project.

**Project Costs:** $15,019,230  
**Designer:** Halcrow, Inc.  
**Contractor:** Orion Marine Group  
**Start Date:** March 2012  
**Completion Date:** May 2014 (Est.)  
**Project Description/Statistics:** This project is the construction of the new sea wall and dredging at the corner cut off area of the west turning basin for 2 new cargo berths.
North Cargo 5 & 6 Container Yard

This is a rendering of a potential layout for a cargo container facility at North Cargo 5 & 6.
STS Cargo Cranes

Savannah 1 from the Georgia Port Authority.
SAV1 and SAV2 to be shipped to Port Canaveral in March 2014.
Channel Widening & Deepening

Project Costs: $37,552,320 (Total)
Designer: CH2M Hill
Contractor: GLF (Package 1 – Uplands), Dutra (Package 2 – Dredging)
Start Date: February 2014
Completion Date: March 2015 (Est.)
Project Description/Statistics: This project has been over 7 years in planning to get permission from the US Army Corps of Engineers to widen the channel by 100’ and deepen the Canaveral Harbor to -46’. This project is in 2 phases with Package 1 for all upland work and Package 2 for all dredging. Over 3,000,000 CY of material to be dredged.
Cruise Master Plan

Proposed cruise terminal locations in red.
Cruise Terminal 1

Architect’s rendering of the West elevation of the new Cruise Terminal 1

First Pile!

Architect’s rendering of the South Elevation of the new Cruise Terminal 1 Garage
East Public Boat Ramps

Concept layout of new public boat ramps just west of Jetty Park with a future new Cruise Terminal 3.
Cove Master Development

Proposed master plan development for retail, restaurants and a boutique hotel.
Proposed routes for inland port and connection to existing rail.
Project Costs: $ 8,000,000
Designer: Rood, Zwick & Kerr
Contractor: H.J. High
Start Date: Summer 2014
Completion Date: Winter 2015 (Est.)

Project Description/Statistics: This project is a multi-phased amphitheater that will open in 2014 with approximately 4,000 seat with an expansion to 6,000 seats with a fabric structure canopy. Full stage and back of house facilities and amenities that will include restrooms, ticketing booths, first aid station, and concession facilities.
North Cargo Berth 8

Aerial view at the start of north cargo berth 8.

**Project Costs:** $15,424,057

**Designer:** Halcrow, Inc.

**Contractor:** Orion Marine Group (FKA Misener Marine)

**Start Date:** Winter 2014

**Completion Date:** 11 months from NTP

**Project Description/Statistics:** This project is the berthing for the new cargo berth within the west turning basin. This project also includes dredging to a depth of -35 MLLW.
Future North Turning Basin

Proposed option to expand the Port northward into the Banana River and create a north turning basin for cruise ships and cargo.
Canaveral Port Authority
Department of Infrastructure, Real Estate, Recreation

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Questions?

Thank You