

Canaveral Harbor Navigation Improvements Brevard County, Florida

3 October 2012



ABSTRACT: This study of potential navigation improvements at Canaveral Harbor, Florida has been prepared by the Canaveral Port Authority (CPA) under the authority granted by Section 203 of Water Resources Development Act (WRDA) of 1986 (P.L. 99-662). Canaveral Harbor is located on the east

coast of Florida in Brevard County, directly south of the John F. Kennedy Space Center, and approximately five miles north of Cocoa Beach.

This study identified and evaluated alternatives to solve the following problems and take advantage of the following opportunities:

- 1) reduce ship congestion at Port Canaveral;
- 2) accommodate recent and anticipated future growth in cargo and cruise vessel traffic;
- 3) improve the efficiency of operations and improve safety for cruise ships and cargo vessels currently operating within the Port complex;
- 4) allow for use of the Port by larger cruise ships and larger and more efficient cargo vessels; and
- 5) allow for development of additional terminals/berths without encroaching on the existing Federal channels and turning basins.

The recommended plan consists of widening the main ship channel from the harbor entrance inland to the West Turning Basin and West Access Channel, from its current authorized width of 400 feet to 500 feet. In addition to widening, deepening of the existing Federal project, generally from -40' to -44', and expansion of turning basins is recommended.

The estimated project first cost is \$41,702,000 with a Federal share of \$26,484,000. The Federal share of incremental annual maintenance costs is currently estimated to be \$443,700. The recommended plan has total average annual benefits of \$5,361,000, total average annual costs of \$2,693,000, total net annual benefits of \$2,669,000, and a benefit-cost ratio of 2.0 to 1. The plan was evaluated based upon a 50-year project life at the current FY 2012 Federal discount rate of 4.0 percent.

REPORT DOCUMENTATION: Pertinent documentation on the project, the results of the CWRB, and subsequent Washington-Level Review Actions, are linked below:

- [CWRB Agenda](#)
- [Project Summary](#)
- [CWRB Briefing Slides](#)
- [CWRB Lessons Learned](#)
- [CWRB Meeting Record](#)
- State & Agency Review Comment Letters
- Documentation of Review Findings
- [Signed Chief of Engineers Report](#)
- [Advance Copy to Congressional Committees](#)
- ASA(CW) Memo to OMB
- OMB Response
- ASA(CW) Transmittal to Congress
- Signed Finding of No Significant Impact
- Authorization

ADDITIONAL INFORMATION:

[South Atlantic Division](#)

[Jacksonville District](#)