



PA

Delaware River Main Channel Deepening

U.S. Army Corps of Engineers
Philadelphia District

Philadelphia Regional Port Authority

Delaware River Main Channel Deepening Project



PA

Project Overview

- Deepen channel from 40 to 45 feet MLLW from Philadelphia to mouth of Delaware Bay – approx. 102.5 miles
- Existing channel widths unchanged; 12 of existing 16 bends will be widened

DE

Delaware River Main Channel Deepening Project



Project Overview (cont.)

- Partial deepening of Marcus Hook Anchorage to 45 feet
- Relocation and addition of aids to navigation
- Total project cost of approx. \$310 M

Delaware River Main Channel Deepening Project





Project Overview (cont.)

- Approximately 16 MCY of material to be removed
- Reaches AA, A, B, C, and D: 11.9 MCY of sand, silt, and clay placed in existing Federal upland CDFs in NJ and DE
- 200,000 CY of rock to Ft. Mifflin in Pennsylvania

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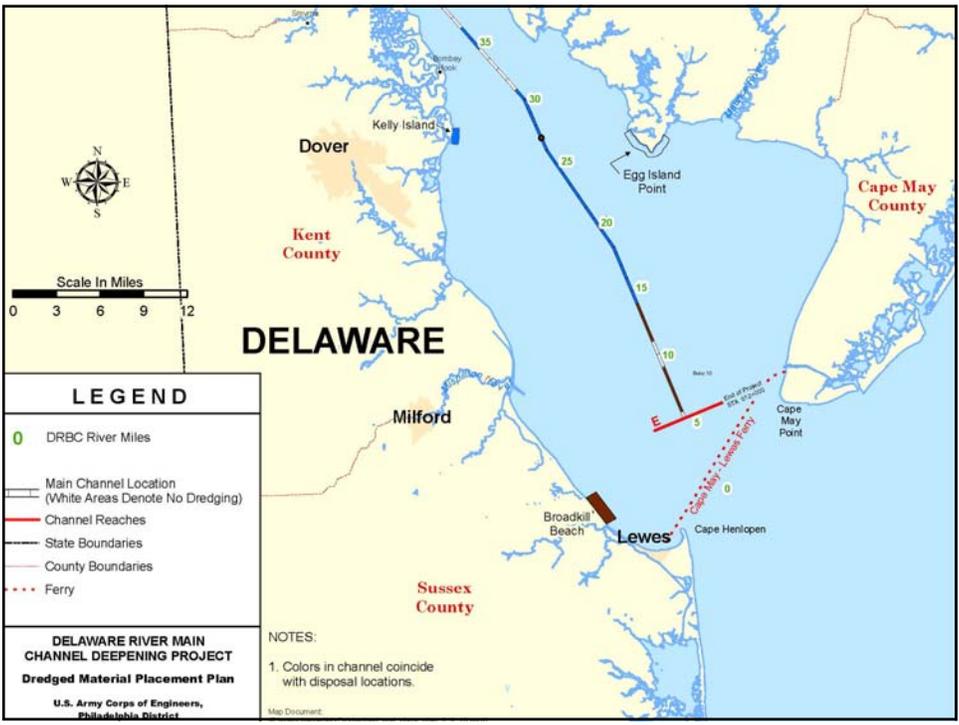





Project Overview (cont.)

- Reach E: 4.1 MCY of sand used for two beneficial use projects
 - Kelly Island, DE (wetland restoration)
 - Broadkill Beach, DE (shore protection)

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Project Timeline

Congress directs Corps to study improving 40' channel	1983	Signing of Project Partnership Agreement w/ PRPA	2008
Feasibility Study report recommends 45' channel	1992	Updated EA, compliance w/ NFMS and EPA	2009
Congress authorizes project for construction		DE federal judge denies request for injunction	2010
Final Design & Supplemental EIS completed	1997	Corps deepens Reach C	
Chief's Report recommends construction	1998	DE federal judge rules for Corps on all of project in DE	
GAO audit, followed by 3rd-party reanalysis, project BCR still >1	2002	NJ federal judge rules for Corps on all of project in NJ	2015
Supplemental analysis of benefits, project BCR still >1	2004	Corps plans to deepen Reach B (lower portion) late summer	
Change of nonfederal sponsor from DRPA to PRPA	2007	Earliest completion of 45' channel	

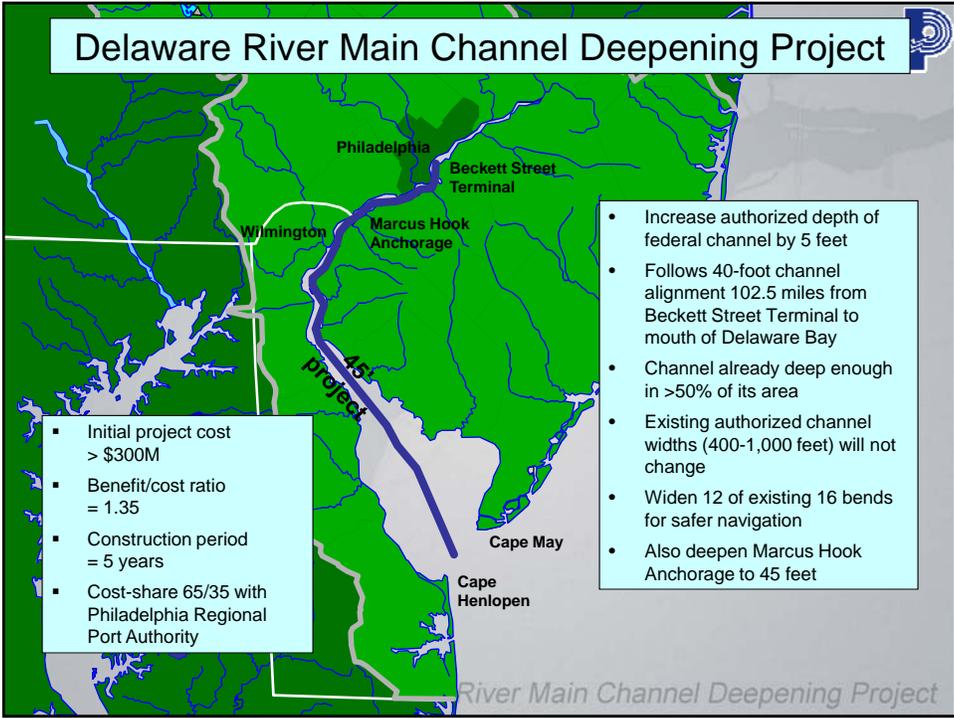
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Construction

- Reach C constructed Mar to Sep 2010
 - Sta. 182+000 to Sta. 242+514 (~ 11.5 miles)
 - 3.6 MCY; \$30.1 M
- Next contract – lower section of Reach B
 - Sta. 155+000 to Sta. 176+000 (~ 4 miles)
 - Approx. 1.1 MCY
 - Advertised - 24 May 11
 - Award - September 11

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For more information...

Visit the Delaware River Deepening website
<http://bit.ly/deldeep>

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