

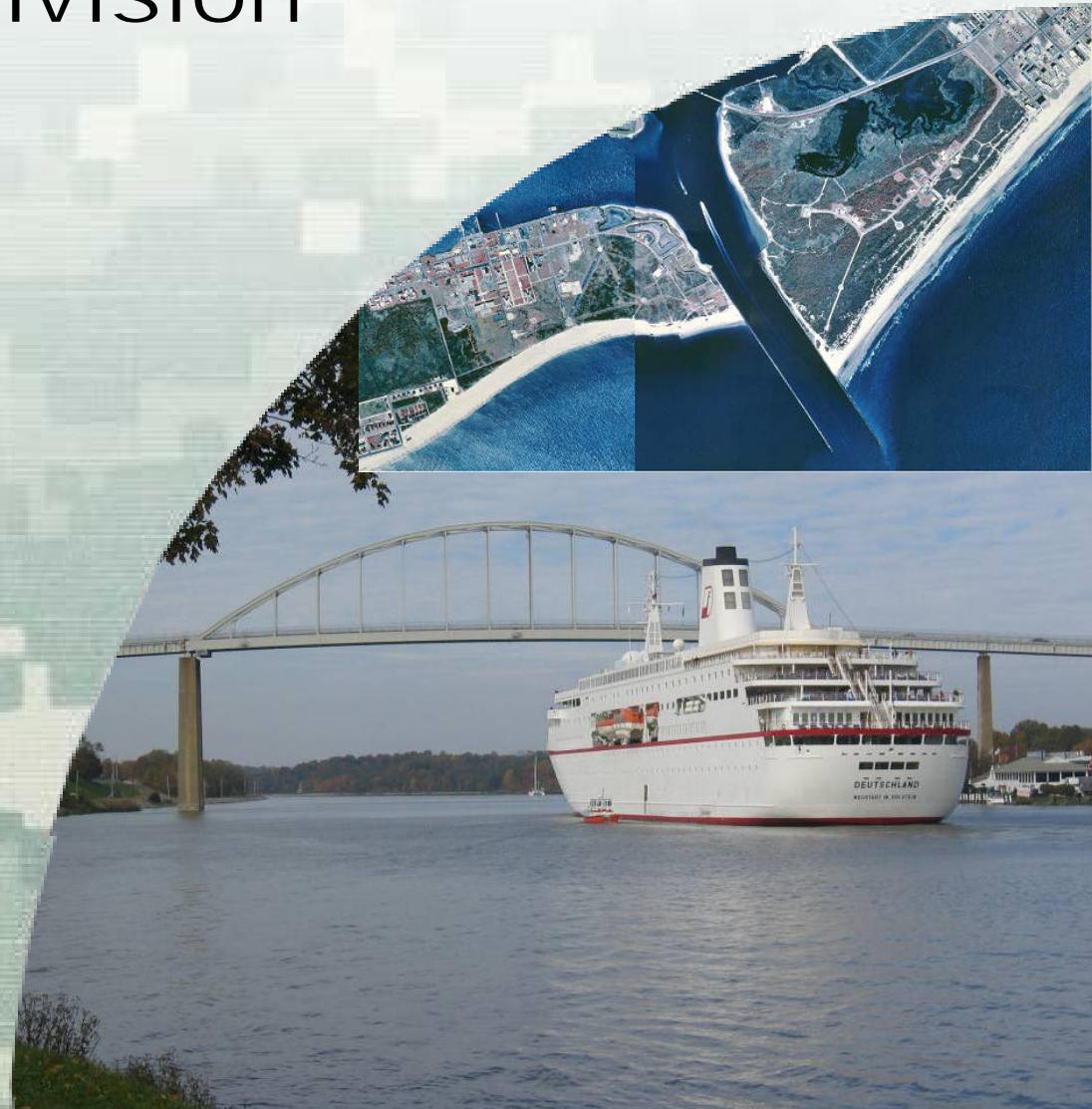
Philadelphia District North Atlantic Division Dredging Program

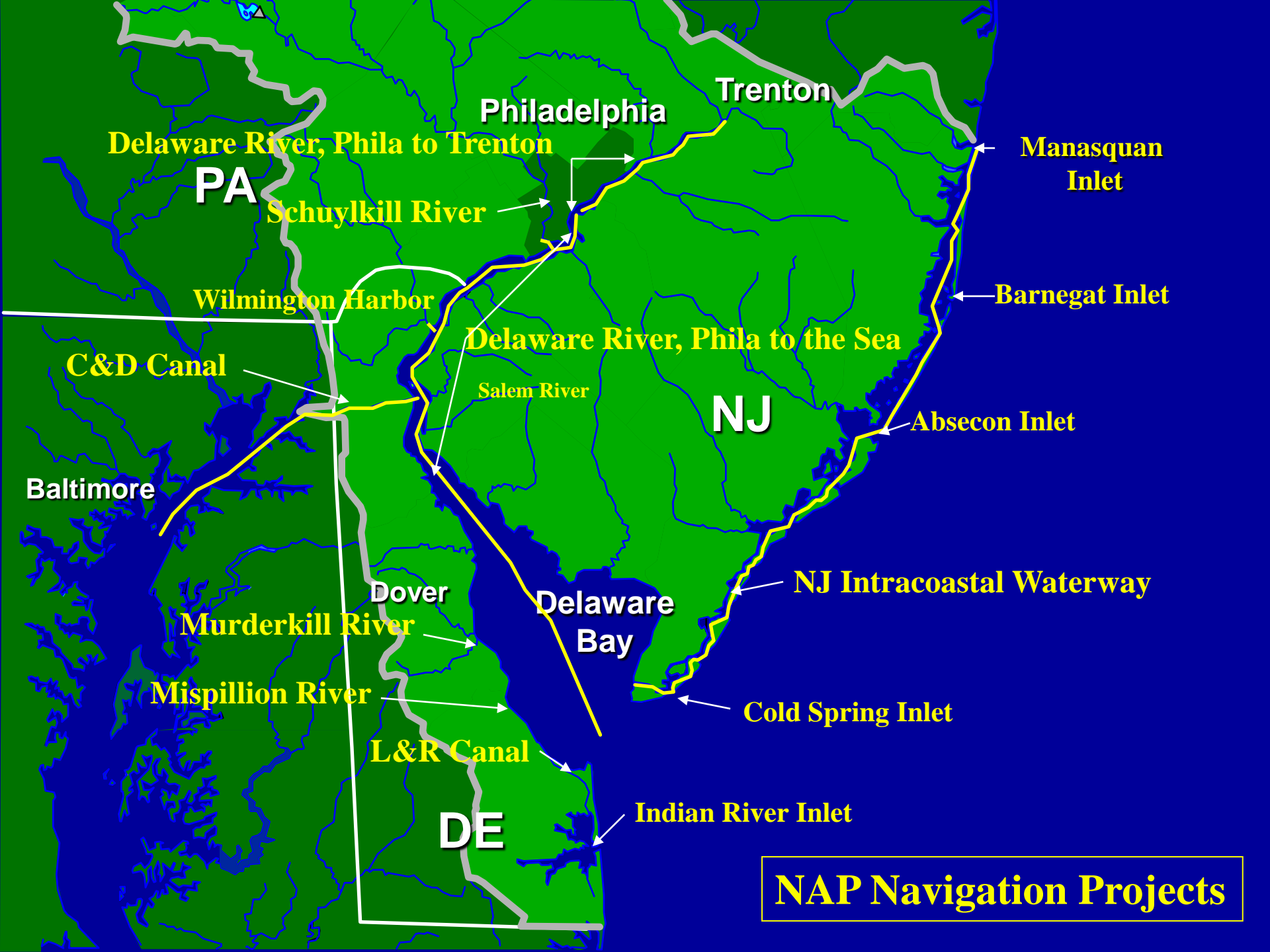
Timothy Rooney
Project Manager
Operations Division

WEDA Eastern Chapter Meeting
October 2012



US Army Corps of Engineers
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Delaware River, Phila to Trenton

PA

Philadelphia

Trenton

Schuylkill River

Manasquan Inlet

Wilmington Harbor

Barnegat Inlet

Delaware River, Phila to the Sea

Salem River

NJ

Absecon Inlet

C&D Canal

Baltimore

Dover

Delaware Bay

NJ Intracoastal Waterway

Murderkill River

Cold Spring Inlet

Mispillion River

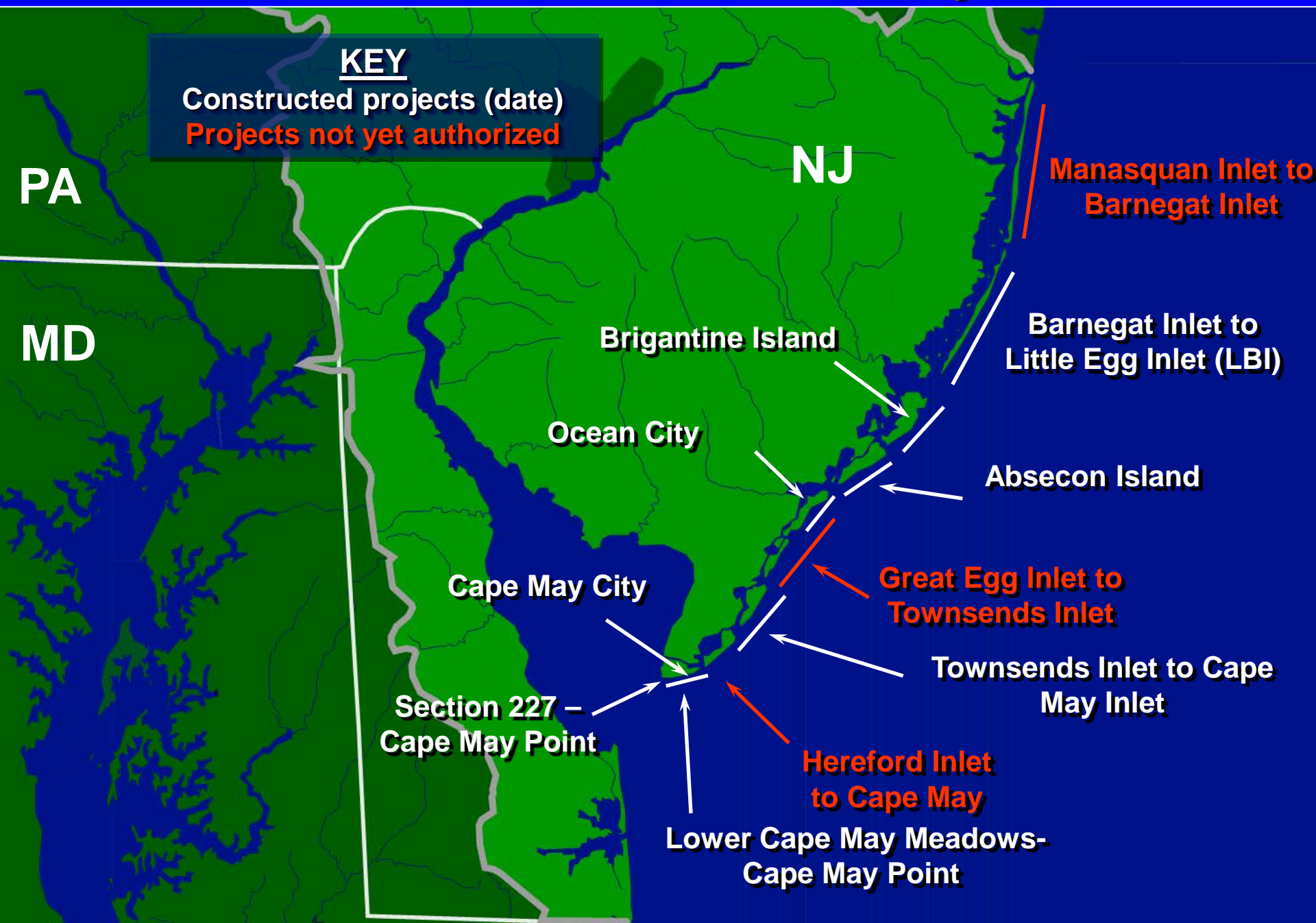
L&R Canal

Indian River Inlet

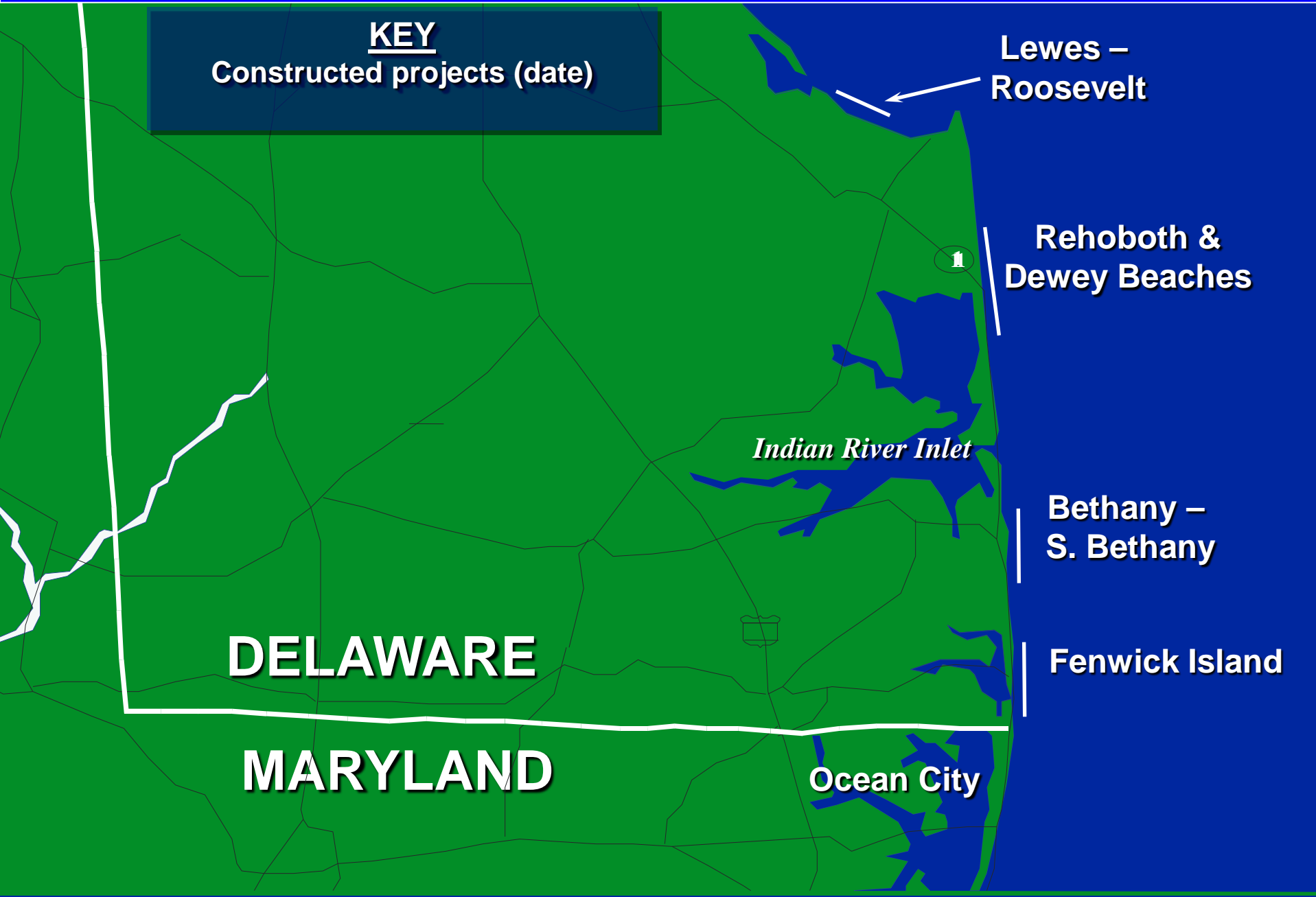
DE

NAP Navigation Projects

NJ Shore Protection Projects



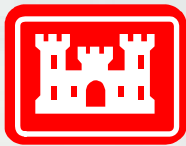
Delaware Shore Protection Projects



FY 2012 Shore Protection Projects

<u>Project</u>	<u>Description</u>	<u>Status</u>
➤ Ocean City, NJ	Renourishment	Construction Phase
➤ Lower Cape May Meadows, NJ	Renourishment	Construction Phase





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Philadelphia District

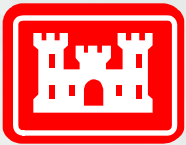
Delaware River Main Channel Deepening Reach A

Cubic Yards:	1,200,000
Type of Material :	Sand
Type of Equipment :	Pipeline
Type of Disposal :	Confined Upland Disposal-National Park
Advertise:	29 May 2012
Bid Opening Date :	28 June 2012
Dredging Timeframe:	September to December
Env. Window:	No Dredging 15 March to 31 July

Remarks: 5-year Construction Period



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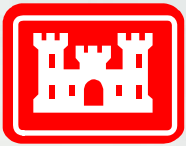
Delaware River, Phila. to Sea Maintenance Dredging - Hydraulic

Cubic Yards:	1,700,000
Type of Material :	Maintenance – Silt/Sand
Type of Equipment :	Pipeline
Type of Disposal :	Confined Upland Disposal
Advertise Date:	26 June 2012
Bid Opening Date :	26 July 2012
Frequency :	Annual

Conditions: Issue work assignments for different ranges. First work assignment is normally issued by September.



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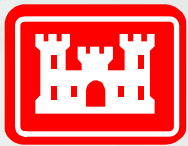
Wilmington Harbor, DE Maintenance

Cubic Yards :	500,000
Type of Material :	Silt
Type of Equipment :	Pipeline
Type of Disposal :	Confined Upland Disposal
Frequency :	Annual
Advertise:	April 2013

Remarks : No dredging allowed between 1 April and 15 June



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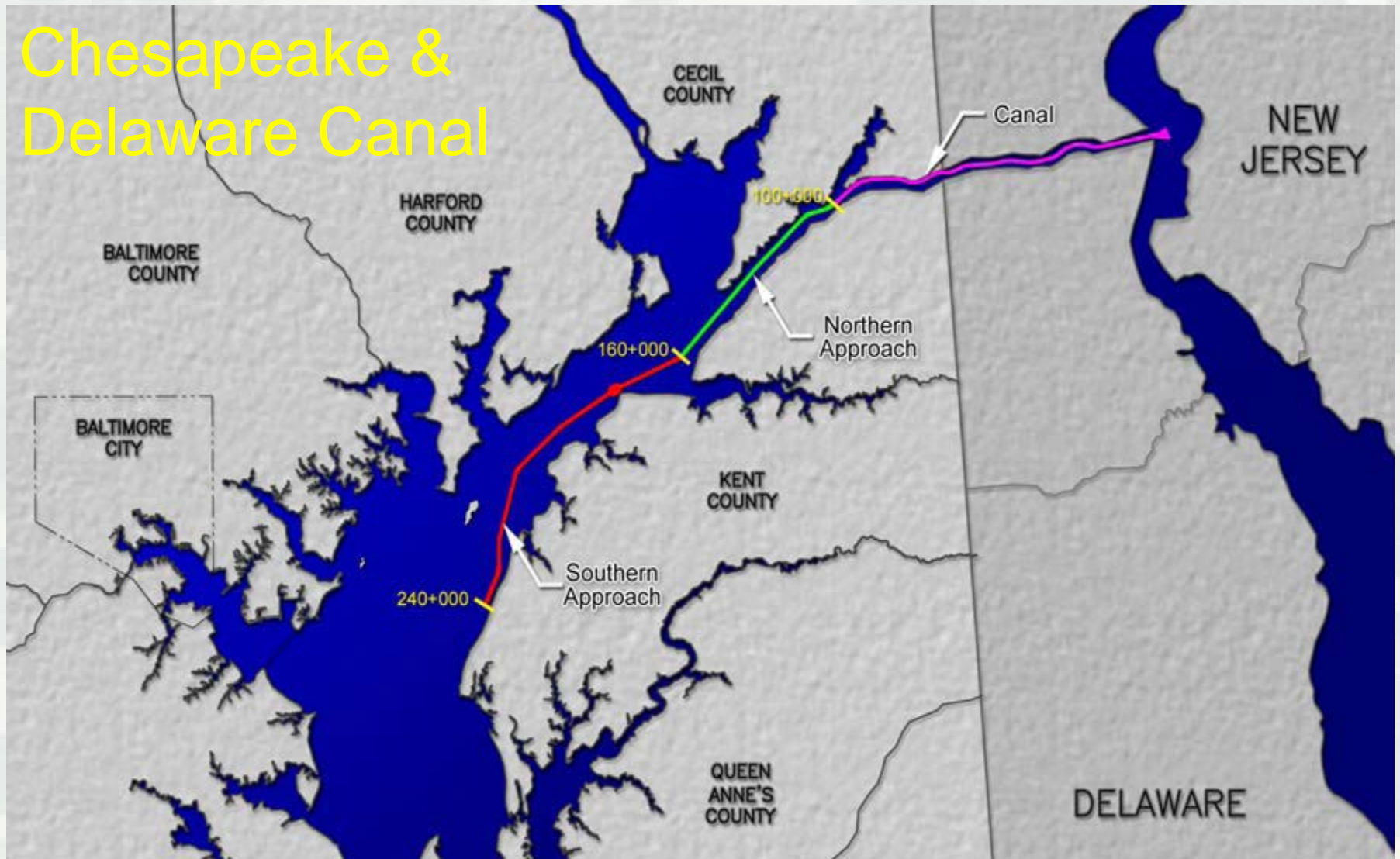
DE River, Phila to Trenton 40 ft Channel

Cubic Yards :	700,000
Type of Material :	Silt
Type of Equipment :	Pipeline
Type of Disposal :	Confined Upland Disposal
Advertise:	Aug 2015
Award:	Sept 2015
Timeframe for Work:	Two Weeks
Remarks :	Two Year Cycle/Frequency/Pending Funds

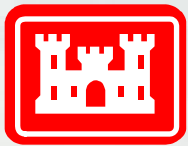


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Chesapeake & Delaware Canal



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IWW, Delaware River – Chesapeake Bay Lower Approach Maintenance

Cubic Yards :	750,000
Type of Material :	Silts
Type of Equipment :	Mechanical
Type of Disposal :	Upland Placement
Special Conditions :	Mechanical Dredging to be pumped out upland
Contract Awarded:	Sept 2012
Remarks:	Anticipate to use Pearce Creek Upland Site 2015



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FY13-FY17 Dredging Schedule NAP Major Navigation Projects



Maintenance Dredging	Dredge + Quantity (CY)	Placement Site	FY13				FY14				FY15				FY16				FY17				
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
Delaware River, Ph to the Sea	Hydraulic 1.4M	Upland	█			█				█				█						█			
Delaware River, Ph to Trenton	Hydraulic 700K	Upland												█	█								
Wilmington Harbor, DE	Hydraulic 500K	Upland			█				█				█				█					█	
Delaware River Deepening	Hydraulic 1.2M	Upland	█	█				█															
Fairless Turning Basin, PA	Hydraulic ~175K	Upland											█	█									
C&D Canal Approach, MD	Mechanica 1.5M	Upland	█	█			█	█			█	█		█	█					█	█		
Schuylkill River, PA	Hydraulic 600K	Upland	█	█																			
Salem River, NJ	Hydraulic ~250K	Upland	█	█																			



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FY13-FY17 Dredging Schedule Coastal Navigation Projects



Maintenance Dredging	Dredge + Quantity (CY)	Placement Site	FY13				FY14				FY15				FY16				FY17			
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
NJIWW	Hydraulic 75K	Upland		■																		
Cold Spring Inlet	Gov't Plant	Open Beach	■		■		■			■		■		■		■		■		■		■
Barnegat Inlet	Gov't Plant	Open Beach		■	■			■	■		■	■		■		■		■		■		■
Manasquan Inlet	Gov't Plant	Open Beach		■	■			■	■		■	■		■		■		■		■		■



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Questions?



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