

Great Lakes Navigation Stakeholder Meeting

Shallow Draft Harbor Needs & Issues

Mike O'Bryan

Great Lakes Navigation Business Line Manager

Feb 4, 2010



US Army Corps of Engineers
BUILDING STRONG



Meeting Agenda

Welcome; Introductory Remarks

- Self introduction of all participants

LTC Jim Davis

Shallow Draft Harbor Funding & Needs

- Funding Process and Trends
- 2009 Program Summary
- 2010 Program Summary
- Regional Dredging Provisions
- FY11 President's Budget
- Identification of Needs – Fact Sheets
- Stakeholder Involvement

Mike O'Bryan

Great Lakes Small Harbor Coalition

Chuck May

Stakeholder Feedback—Open Discussion

All



Federal Harbors on the Great Lakes

✓ A non-linear navigation system with 63 federal commercial harbors and 74 federal shallow draft/recreational harbors

✓ Some shallow draft harbors are subsistence harbors or support commercial transportation (ferries) or commercial fishing activities



Federal Budget Process

- The Corps submits budget requests for all federal harbors with operation & maintenance needs
- With the limited funding available, operations and maintenance funding for deep draft navigation projects usually takes priority over shallow draft harbors
- Subsistence harbors and harbors that support commercial transportation and fishing are budgetable but come at a lower priority than commercial harbors

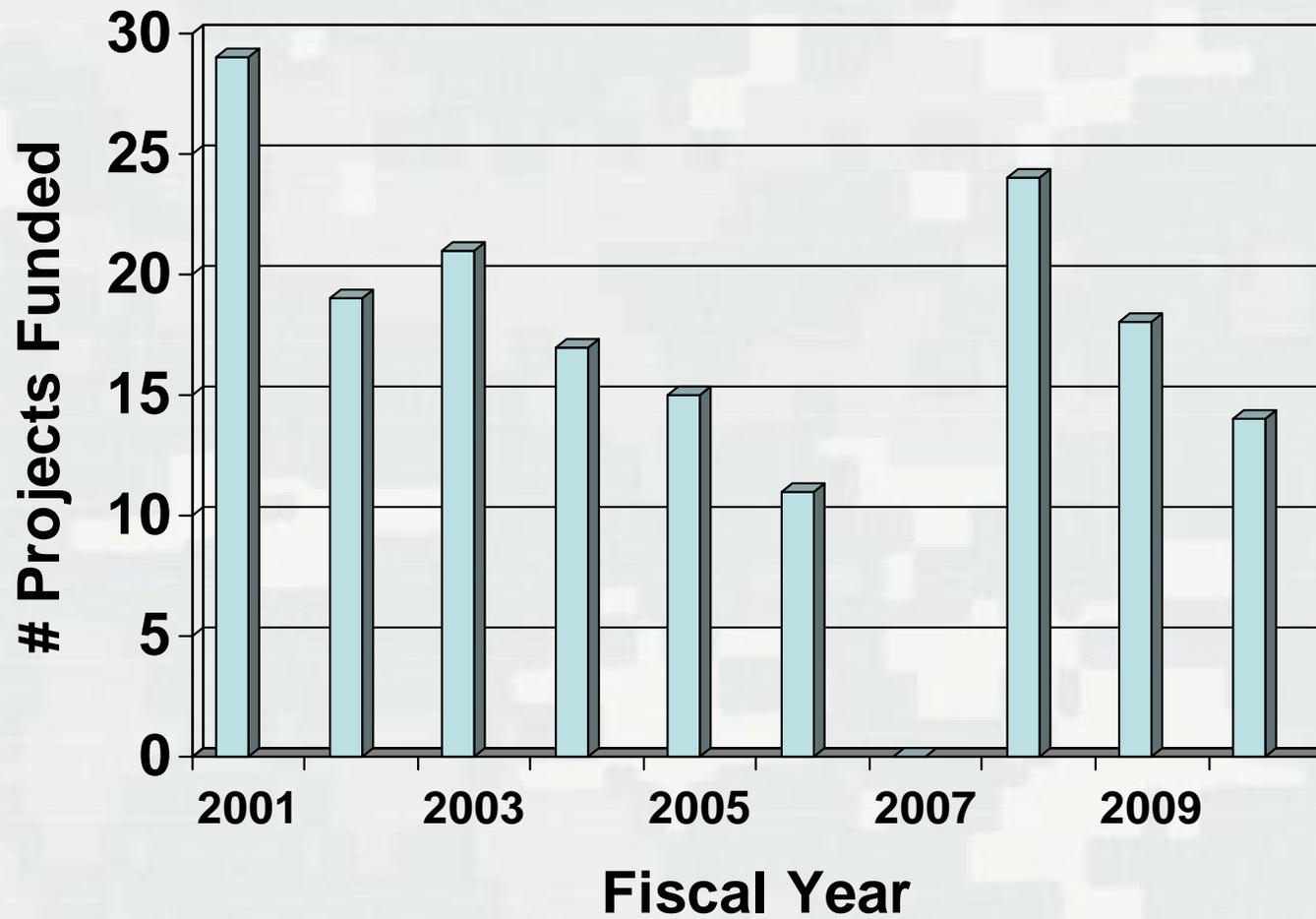


Congressional Budget Process

- President's Budget released in Feb (FY11 President's Budget was released on Monday, Feb 1)
- Congress works its Adds typically in the Feb-March time frame
- The Corps provides information on project needs
- Senate and House work together to produce Conference Bill ideally to have funding in place by October



Historical Shallow Draft Harbor Funding



FY09 Dredging Projects



FY09 Construction Projects



FY10 Anticipated Dredging Contracts



FY10 Anticipated Construction Contracts



Omnibus Bill

Regional Dredging Provisions

FY08 Commercial Dredging (\$6.544M)

- Transportation Cost Savings
- Relationship Among Harbors
- Coordinate with Stakeholders

FY08 Lake Superior Small Harbor Dredging (\$1.564M)

FY08 Michigan Reprogramming Provision

FY09 \$5M Michigan Provision (30 Eligible Harbors)

FY10 \$5M Michigan Provision (32 Eligible Harbors)

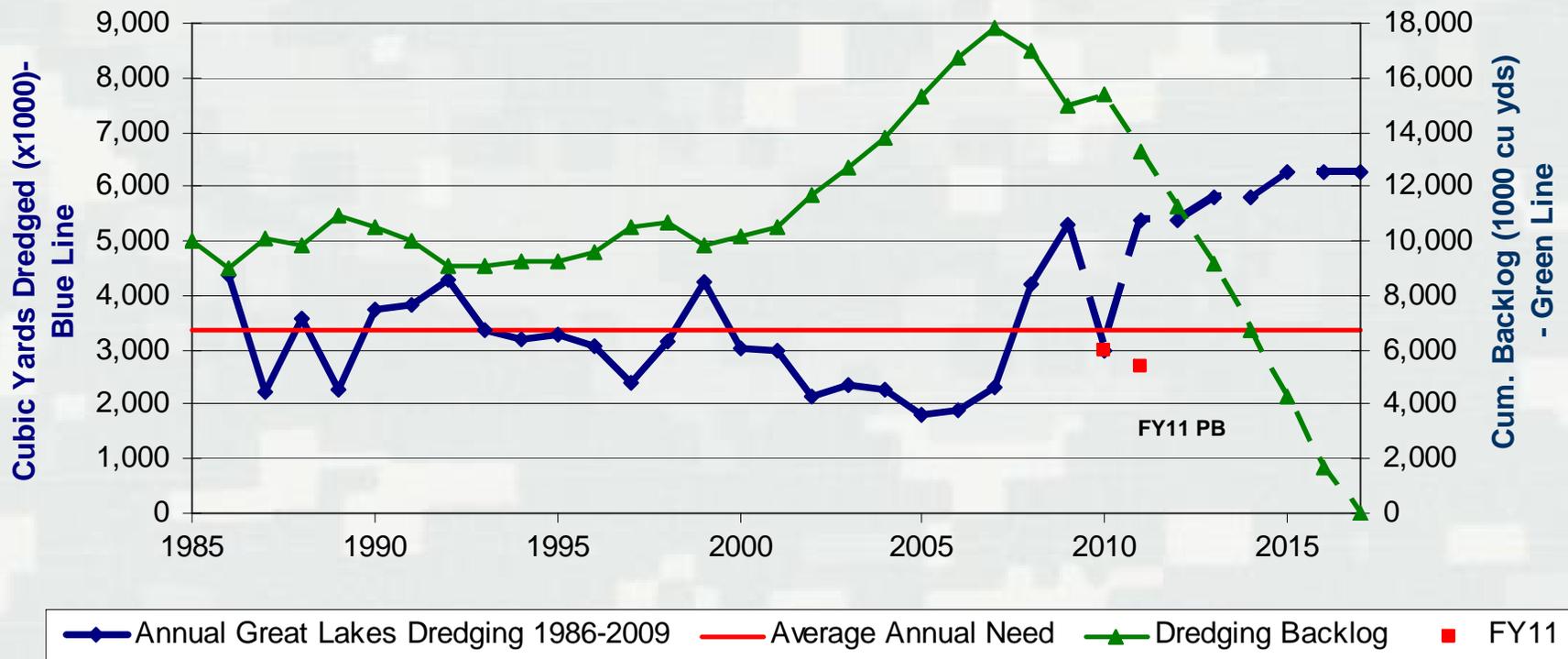
FY10 Lake Superior Small Harbor O&M (\$1.9M)



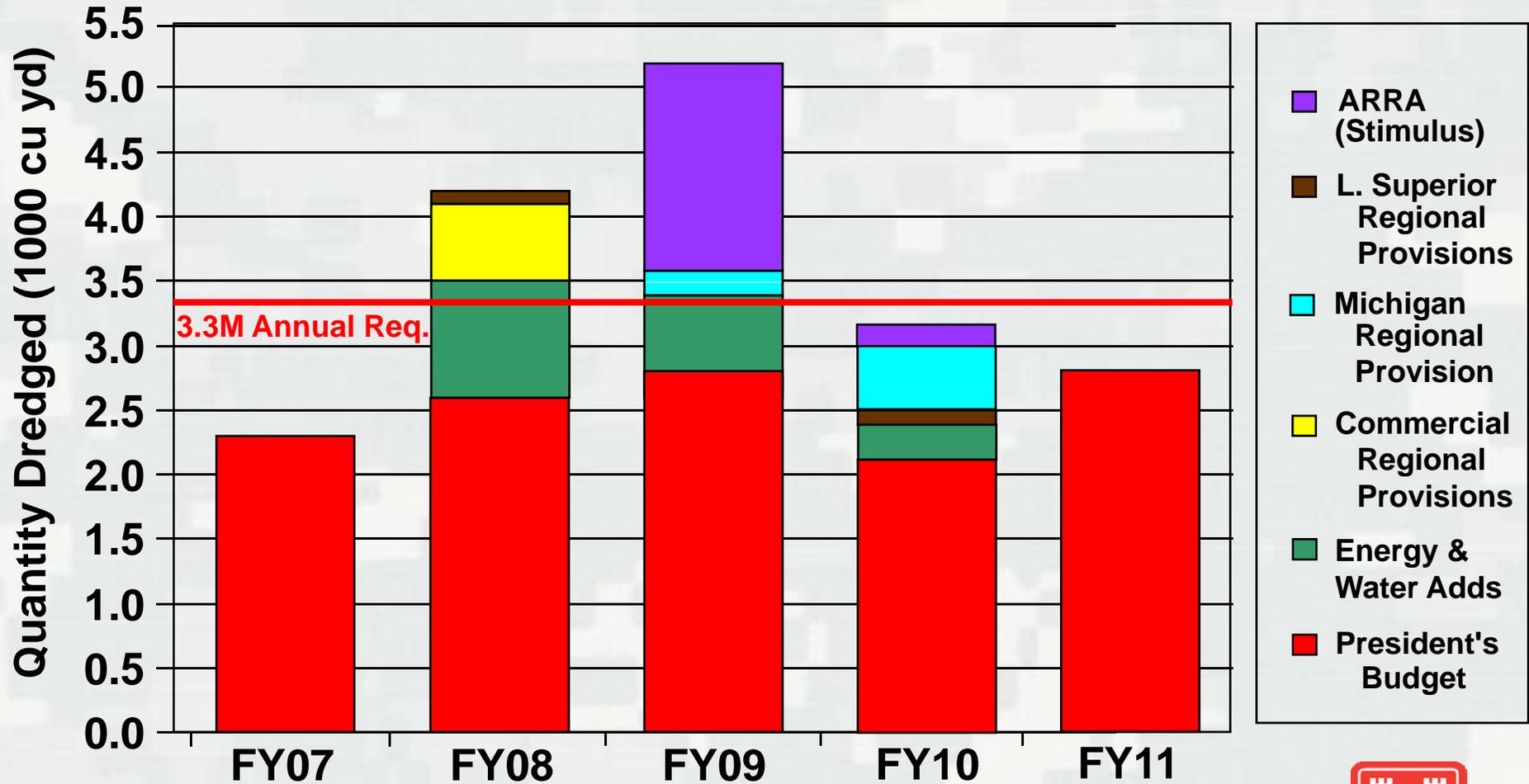
FY11 Dredging Projects



Path Forward to Reduce Backlog 2010-2017



Dredging Funding Trends 2007 - 2011



How You Can Get Involved?

- Identifying Needs
- Stakeholder Involvement – Meetings, submit feedback
- Communication with Ops Chiefs and Great Lakes Navigation Team



Identifying Needs of Harbor Fact Sheets

- Identifying the Economic and Social Impacts Related to Maintaining the Authorized Project
- Identifying Other Critical Factors (Subsistence Harbor, Infrastructure Protected by Harbor)
- We will continue to refine the information with your help!



Grand Marais Harbor, MI

Harbor Features

- Located on the south shore of Lake Superior, 93 miles west of Sault Ste. Marie, MI.
- Authorization: River & Harbor Acts of 14 Jun 1880, 17 May 1950.
- Deep draft harbor, however, current use is primarily recreational.
- Project depths of 18 to 20 feet.
- Approximately 3,000 feet of maintained Federal channel.
- Approximately 4,000 feet of piers, and a 5,770 feet long pile dike, currently in ruins.
- Dredged material is placed along the beach as beach nourishment.
- Vital Harbor of Refuge.
- Major stakeholders include USFWS, Michigan DNR, Village of Grand Marais, and a variety of boating interests.

Project Needs

- Requires infrequent maintenance dredging; the harbor was last dredged in 1973.
- Navigation structures are primarily maintained by Government floating plant.
- Pile dike needs to be reconstructed. The cost is estimated at \$6M-\$8M. Engineering and environmental efforts are already complete.

Consequences of Not Maintaining the Project

- Loss of jobs locally.
- Loss of cruise vessels, and recreational and charter fishing in the area.



Transportation Importance

- This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests.
- This harbor is very scenic and serves as a cruise vessel port on Lake Superior.
- The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.

February 2010



Project Fact Sheets

Olcott Harbor, NY

Harbor Features

- Located on Lake Ontario at the mouth of Eighteen Mile Creek in the Village of Olcott, Niagara County, New York.
- Authorization: River & Harbor Acts of 1867 and 1913 and Water Resources Development Act of 1986.
- Shallow draft recreational harbor.
- Authorized depth is 12 feet in the Federal navigation channel.
- The channel is 140 feet wide and approximately 1,400 feet long.
- The harbor entrance is protected by the east and west piers with a total length of 1,723 feet.
- Major stakeholders include charter fishing interests and the recreational boating community.

Project Needs

- The harbor typically requires dredging every five to ten years. It was last dredged in 1997 when 9,900 cubic yards (CY) of material was removed.
- Maintenance dredging is the primary FY11 need. In order to maintain adequate channel depth for vessels, an estimated 8,000 CY of maintenance dredging is required.
- The concrete cap and walkway on the east pier is deteriorating and creating safety hazards for pedestrian users.



Consequences of Not Maintaining the Project

- Failure to dredge will result in continued shoaling and reduced channel dimensions; resulting in unsafe navigation conditions.
- Potential safety issues for recreational boating community.
- Potential functional loss of Critical Harbor of Refuge.
- Negative economic impacts, locally and regionally.

Transportation Importance

- Critical Harbor of Refuge.
- Supports 14 charter fishing boats generating approximately \$114,000 in net income annually.



Project Fact Sheets

**U.S. Army Corps of Engineers Fiscal Year (FY) 2009, 2010 and 2011
Olcott Harbor, New York - Project Needs and President's Budget (\$1,000)**

Work Package	FY09 Need	FY09 Omnibus and ARRA	FY10 Need	FY10 Appropriation	FY11 Need	FY11 President's Budget
Maintenance Dredging – Primary	525		700		700	
Pier Repair			200	197		
TOTALS	525	0	900	197	700	0

Congressional Interests

- Representative Louise Slaughter D-NY-28
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



Project Fact Sheets

New Buffalo Harbor, MI

Harbor Features

- Located at the mouth of the Galien River on the southeast shore of Lake Michigan in Berrien County, about 45 miles east of Chicago, IL.
- Authorization: River & Harbor Act of 1962.
- Shallow draft recreational harbor.
- Project depth between 8 and 10 feet.
- Approximately 2,100 feet of maintained Federal channel.
- More than 2,000 feet of breakwaters.
- Dredged material is placed along the beach as beach nourishment.
- Major stakeholders include the Michigan DNR, Galien Marina, the Michigan Boating Industries Association, Dunewood Condo Association, South Cove, Harbor Landings Condo Association, Harbor Pointe Shores Association, Lake Michigan Yacht Club, Light House Landings, The Moorings Condo Association, New Buffalo Yacht Club, Oselka's Snug Harbor, and Pleasure Island Marina.

Project Needs

- Requires maintenance dredging on a 1 to 2 year cycle of approximately 10,000 cubic yards; the harbor was last dredged in 2008.
- Navigation structures are primarily maintained by Government floating plant.

Consequences of Not Maintaining the Project

- The harbor generates over \$7.7M annually in revenue throughout the area which supports 130 jobs.
- These jobs generate \$2.5M per year in labor income.
- Loss of recreational and charter fishing in the area.



Transportation Importance

- This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests.
- The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.
- Supports 1,058 recreational boat slips.



Project Fact Sheets

U.S. Army Corps of Engineers Fiscal Year (FY) 2009, 2010 and 2011 New Buffalo Harbor, MI - Project Needs and President's Budget (\$1,000)

Work Package	FY09 Need	FY09 Omnibus and ARRA	FY10 Need	FY10 Appropriation	FY11 Need	FY11 President's Budget
Project Condition Surveys			17	17		
Maintenance Dredging – Primary Work Package			122	122		
TOTALS	0	0	139	139*	0	0

*Anticipated portion of MI Regional dredging allocation.

Congressional Interests

- Representative Fred Upton R-MI-6
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI



Stakeholder Involvement

- ✓ We need your input on critical system needs at your harbor or project
- ✓ Operations Chiefs from each District are available today with condition surveys
- ✓ Updated Fact Sheets are on the web
- ✓ Webpage is an important mode of communication: meetings, presentations, data

www.lre.usace.army.mil/greatlakes/navigation



Key Great Lakes Contacts

GL Navigation Business Line Manager
Mike O'Bryan – (313) 226-6444

Shamel Abou-El-Seoud - Chicago Operations Chief
(312) 846-5470

Ray Lewis - Buffalo District Operations Chief
(716) 879-4206

Wayne Schloop - Detroit Operations Chief
(313) 226-5013

www.lre.usace.army.mil/greatlakes/navigation



Questions?

