



US Army Corps
of Engineers



Great Lakes
Navigation System

Buffalo District Critical Needs Projects

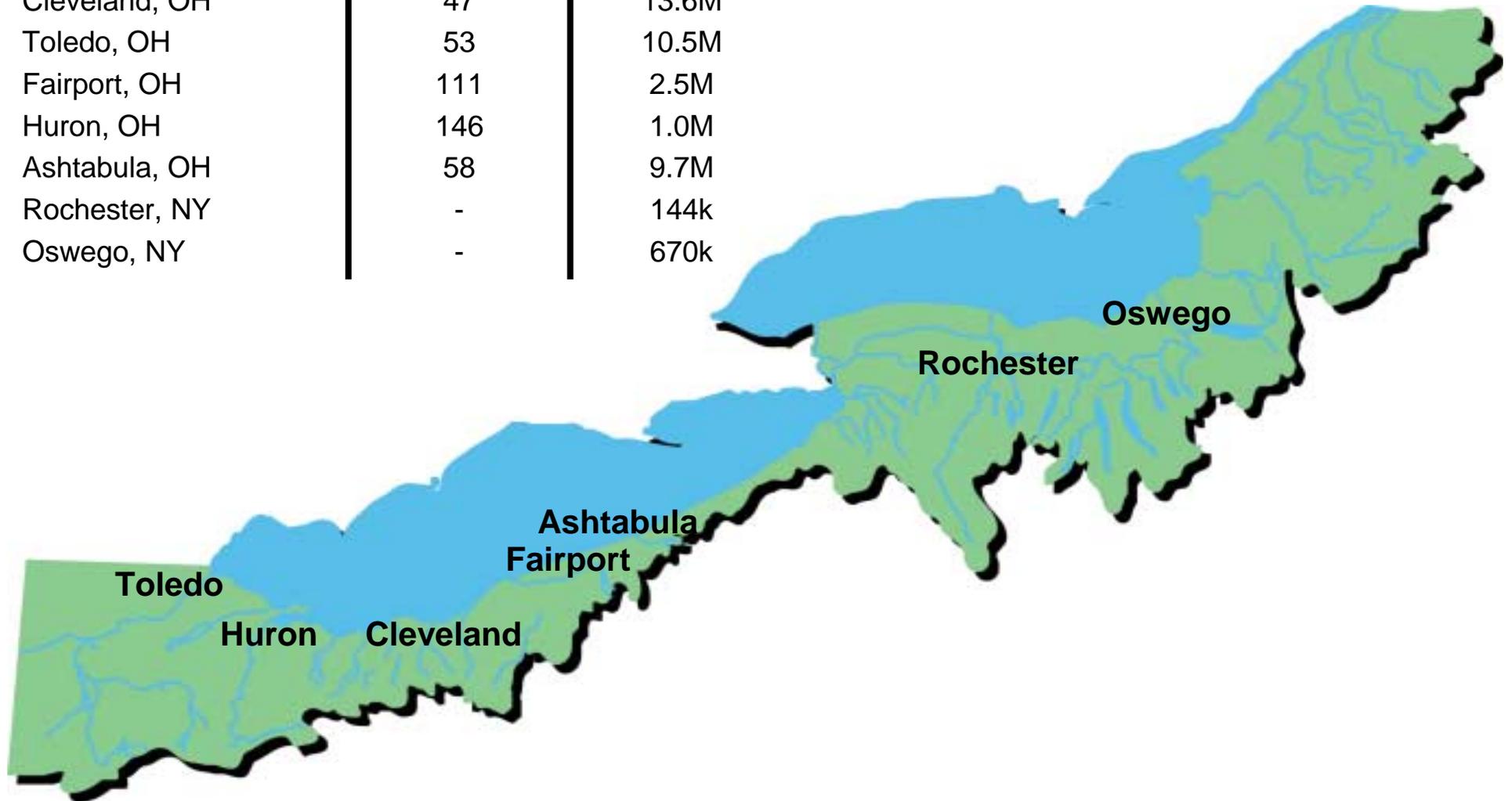


US Army Corps
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Critical Needs



HARBOR	Rank (2005)	Tonnage (2005)
Cleveland, OH	47	13.6M
Toledo, OH	53	10.5M
Fairport, OH	111	2.5M
Huron, OH	146	1.0M
Ashtabula, OH	58	9.7M
Rochester, NY	-	144k
Oswego, NY	-	670k





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Cleveland Harbor

13.6M tons – Rank: 47



- Maintenance Dredging
- CDF Management
- Structure Repair
- New CDF
- Environmental Compliance

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Cleveland Harbor, Ohio Project Needs and President's Budget (\$1,000)**

Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Maintenance Dredging – Primary Work Package	2,160	1,960	2,350	2,350	2,700	
Maintenance Dredging – Backlog Work Package					1,791	
Critical Advance Maintenance Dredging	150		180	180		
Construction, Dike 10B Dredge Material Placement Management	450	275	370	370		
E&D, New CDF	150		250	250	400	
E&D, Interim CDF (Dike 12, Phase 2)					400	
Construction, Interim CDF (Dike 12)	1,400	1340	1,400	1,400		
E&D, Interim CDF (Dike 9)					370	
Construction, Interim CDF (Dike 9)					2,400	
Snagging & Clearing (F/P)	40	40	40	40	45	
Dredged Material Management Plan	250	350	120	120		
Project Condition Surveys	44	44	110	110	65	
Structure Repair - Breakwater - 300 LF	690	293	1,200	1,200		
Construction, West Pierhead Repair			3,000	1,475	1,700	
E&D, East Breakwater Repair (Sta 84-94)	100		200	200		
Construction, East Breakwater Repair (Sta 84-94)					2,700	
E&D, Ohio Area Office Finger Pier Repair	200		250	250		
E&D, East Breakwater West End Section Repair	200		250	250		
Environmental Compliance (CDF Monitoring, Field)			15	15	16	
Environmental Compliance (CDF-Risk Assessment)					10	
Environmental Compliance Management					15	
Complete E&D, West Pierhead Repair	250	200				
E&D, Ohio Area Office Finger Pier - Electrical Repair	100					
Economic Data Collection			100	100	100	
Structure Repair – E & W Arrowhead Breakwater (F/P)					875	
TOTALS	6,184	4,502	9,835	8,310	13,587	

* FY09 President's Budget will not be available until February 2008



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Toledo Harbor

10.5M tons – Rank: 53



- Maintenance Dredging
- CDF Management
- Environmental Compliance



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U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Toledo Harbor, Ohio Project Needs and President's Budget (\$1,000)



Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Conditions Survey	85	85	115	115	125	
Maintenance Dredging – Maumee Bay Primary Work Package	3,495	2,215	2,740	2,740	3,680	
Maintenance Dredging – Maumee Bay Backlog Work Package					1,345	
Maintenance Dredging – Maumee River Primary Work Package	1,855	1,000	1,120	1,120	1,420	
Maintenance Dredging – Maumee River Backlog Work Package					511	
Critical Advance Maintenance Dredging – Maumee Bay	150					
Critical Advance Maintenance Dredging – Maumee River	100					
E&D Island 18 Stone Repair	200				300	
DMMP		6				
E&D Beneficial Use of Dredged Material			300			
Dewater Cell 1, 2 & Island 18					90	
E&D Island 18CDF Reutilization					150	
E&D Raise Cell 2					150	
Environmental Compliance (CDF Monitoring, Field)					16	
Environmental Compliance (CDF – Risk Assessment)					50	
Environmental Compliance Management					15	
Toledo CDF ERGO Compliance					50	
Real Estate					22	
TOTALS	5,885	3,306	4,275	3,975	7,924	

* FY09 President's Budget will not be available until February 2008



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Fairport Harbor

2.5M tons – Rank: 111



- Maintenance Dredging
- Structure Repair



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**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Fairport Harbor, Ohio Project Needs and President's Budget (\$1,000)**



Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Conditions Survey	26				26	
Structure Repair – East Breakwater (F/P)	590	10	1,515			
Maintenance Dredging – Primary Work Package	1,625	49	1,775		2,400	
Maintenance Dredging – Backlog Work Package					374	
E&D and Construction, Addition of Safety Ladders to East Pier	100	7			100	
Snagging and Clearing (F/P)					45	
Structure Repair – East Arrowhead Breakwater (F/P)					595	
Evaluate East Breakwater (Eastern 4,000')					50	
TOTALS	2,341	66	3,290	0	3,590	

* FY09 President's Budget will not be available until February 2008



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Huron Harbor

1.0M tons – Rank: 146



- Maintenance Dredging
- Structure Repair
- Environmental Compliance



US Army Corps
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**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Huron Harbor, Ohio Project Needs and President's Budget (\$1,000)**



Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Conditions Survey	30	18			30	
Maintenance Dredging – Primary Work Package	960	88	1,540		1,540	
Maintenance Dredging – Backlog Work Package					338	
E&D Weir Repair			100		100	
Environmental Compliance (CDF Monitoring, Field)					10	
Environmental Compliance (CDF – Risk Assessment)					10	
Environmental Compliance Management					10	
Huron CDF ERGO Compliance					70	
Structure Repair – CDF Exterior (F/P)					150	
TOTALS	990	106	1,640	0	2,258	

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Ashtabula Harbor

9.7M tons – Rank: 58



- Maintenance Dredging
- Structure Repair
- DMMP



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**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Ashtabula Harbor, Ohio Project Needs and President's Budget (\$1,000)**



Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget *
Project Conditions Survey	150	150			40	
E&D, Construction Environmental Dredging	10,900	12,328				
E&D Repair of East and West Pier heads	100					
Structure Repair – East Breakwater (800 LF)	690					
Maintenance Dredging – Primary Work Package	815	125	800		1,365	
Maintenance Dredging – Backlog Work Package					1,645	
Structure Repair – East Breakwater (F/P)	1,047	1,047	1,700	900	600	
DMMP					250	
Sediment Sampling & Analysis					100	
TOTALS	13,702	13,650	2,500	900	4,000	

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Rochester Harbor

144k tons



Great Lakes
Navigation System



•Maintenance Dredging



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U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009 Rochester Harbor, New York Project Needs and President's Budget (\$1,000)



Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Conditions Survey	22				35	
Maintenance Dredging – Primary Work Package	1,105	64	1500		1,600	
Maintenance Dredging – Backlog Work Package					455	
Public Visitation Tracking	15		10	10		
Real Estate					5	
TOTALS	1,142	64	1,510	10	2,095	

* FY09 President's Budget will not be available until February 2008



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Oswego Harbor

670k tons



- Maintenance Dredging
- Structure Repair



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U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009 Oswego Harbor, New York Project Needs and President's Budget (\$1,000)



Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Conditions Survey	19				40	
Sediment Sampling & Analysis					75	
Maintenance Dredging – Primary Work Package	635	41	640		640	
Maintenance Dredging – Backlog Work Package					168	
E&D, East and West Arrowhead Breakwater Repair	300	90	300		300	
TOTALS	954	131	940	0	1,223	

* FY09 President's Budget will not be available until February 2008