

GREAT LAKES AND OHIO RIVER DIVISION CONSTRUCTION ROUNDTABLE

LTC Greg Turner
Commander, Detroit District
5 - 6 December 2019



US Army Corps
of Engineers®



AGENDA



- DREDGING THROUGHOUT THE DIVISION
- THE SOO LOCKS
- DISTRICTS WITH EACH MISSION
- PROJECTED WORK



DREDGING



- **Annual Program**

- Removal of most critical shoaling in federal channels to facilitate commercial navigation along with some environmental dredging and deepening work.

- **Lesson Learned**

- Watch for allowable dredge windows/CDF placement restrictions
- Pre-award surveys look at proposed schedule vs current equipment/existing contracts held
- Added dredging projects often late in FY as a result of work plan funding additions

- **Equipment/Skills**

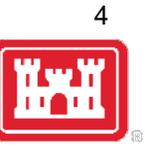
- Marine construction equipment (hydraulic/mechanical dredges, scows, cranes)
- Naval Architect Assessment (NAA) required for certain marine plant
- Licensed crane operators/tug masters/captains and small craft operator training
- Hydrographic surveying resources

- **Tips for Success**

- Watch for new base GL Dredging MATOC solicitations (one upper lakes/one lower lakes) – June 2020
- Watch for new regional dredging contracts for river districts: hydraulic in FY20 (LRL – Feb/Mar 2020) & clamshell in FY21 (LRH – Jun/Jul 2021)



DISTRICTS WITH DREDGING IN FY20



DISTRICT	CDR	DDE	POC Name	POC #
Buffalo	LTC Toth	Dave Romano	Josh Feldmann	716-879-4393
Chicago	COL Reisinger	Steve Fischer	Tim Kroll	312-846-5484
Detroit	LTC Turner	Scott Thieme	Cindy Jarema	313-226-6127
Huntington	COL Evers	Mike Keathley	Kelly Finch	304-399-5609
Louisville	COL Gant	Linda Murphy	Tim Fudge	502-315-6731
Pittsburgh	COL Short	Lenna Hawkins	Kathy Griffin	412-395-7234



GREAT LAKES DREDGING FORECAST



Location	Requirement	Year	FAR Range	Anticipated Acquisition Strategy
Burns Harbor	Maintenance Dredging	2020	\$1M - \$5M	IFB
Waukegan Harbor	Maintenance Dredging	2020	\$1M - \$5M	IFB
Maumee Bay	Maintenance Dredging	2020	\$1M - \$5M	SBSA
Maumee River	Maintenance Dredging	2020	\$500k - \$1M	SBSA
Sandusky Harbor	Maintenance Dredging	2020	\$500k - \$1M	SBSA
Cleveland Harbor	Maintenance Dredging	2020	\$500k - \$1M	SBSA
Green Bay Harbor	Maintenance Dredging	2020	\$1M - \$5M	IFB
Duluth Harbor	Maintenance Dredging	2020	\$1M - \$5M	IFB
Detroit River	Maintenance Dredging	2020	\$1M - \$5M	IFB
Saginaw River	Maintenance Dredging	2020	\$1M - \$5M	IFB
St. Clair River	Maintenance Dredging	2020	\$500k - \$1M	IFB
Howards Bay	Strategic Navigation/ Environmental Dredging	2020	>\$10M	IFB
Ogdensburg Harbor	Deepening	2020	\$1M - \$5M	UNR



OHIO RIVER BASIN DREDGING FORECAST



Location	Requirement	Year	FAR Range	Anticipated Acquisition Strategy
Huntington Portion of Ohio River Open Channel	Maintenance Dredging	2020	\$1M - \$5M	TBD
Big Sandy Harbor	Maintenance Dredging	2020	\$1M - \$5M	TBD
Kanawha River	Maintenance Dredging	2020	\$1M - \$5M	TBD
Louisville Portion of Ohio River Open Channel	Maintenance Dredging	2020	\$5M - \$10M	TBD
Pittsburgh Portion of Ohio River Open Channel	Maintenance Dredging	2020	\$1M - \$5M	TBD



Duluth-Superior, MN/WI, Harbor FY20 Maintenance Dredging

- Dredging of 100,000cy from several locations (TBD – to be coordinated with end users) throughout the harbor
- Near shore placement on MN Point in zero to 4ft depth contour
- FY20 Q3 IFB solicitation (unrestricted)
- \$1M-\$5M Price Range



Pre & Post FY19 M/D placement on MN Point



DETROIT DISTRICT - SOO LOCKS



DISTRICT	CDR	DDE	POC Name	POC #
Detroit	LTC Greg Turner	Scott Thieme	Marie Strum	313-226-6794





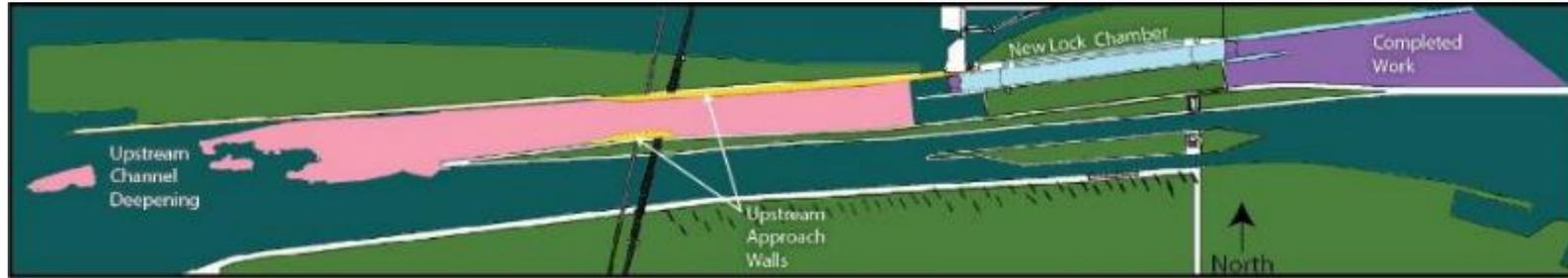
SOO LOCKS FORECAST



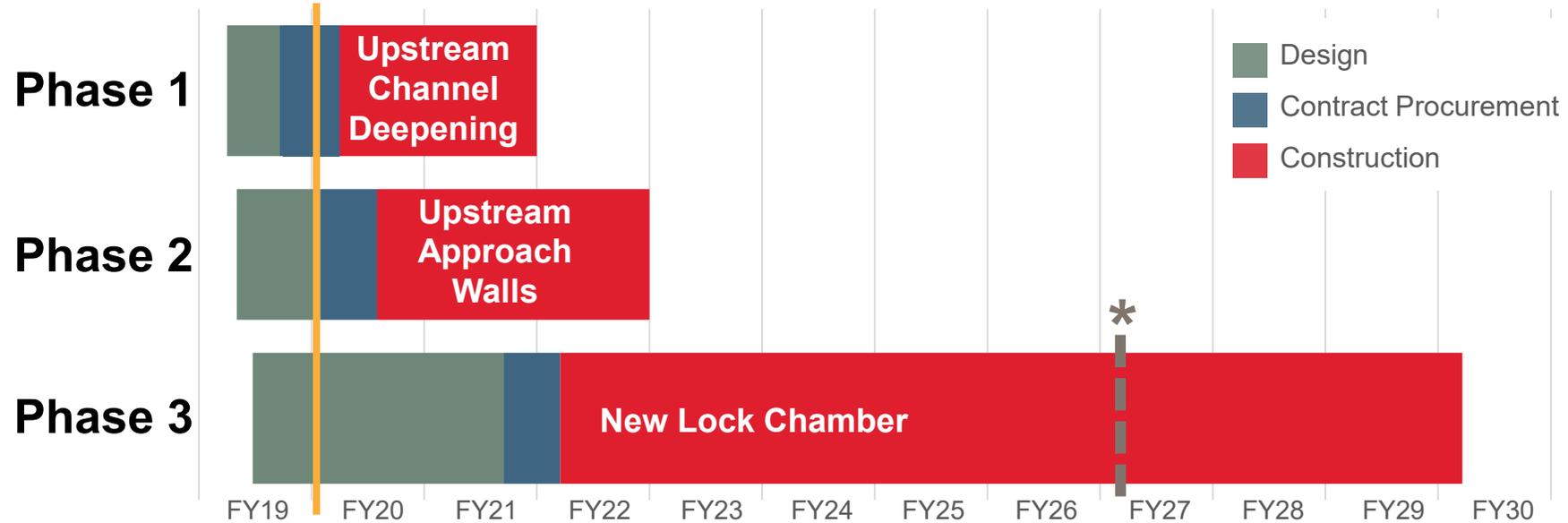
Location	Requirement	Year	FAR Range	Anticipated Acquisition Strategy
Soo Lock	Waterway Sign Installation	2020	\$500k - \$1M	TBD
New Soo Lock	Upstream Channel Deepening	2020	>\$10M	IFB
New Soo Lock	Upstream Approach Walls	2020	>\$10M	RFP-Best Value
New Soo Lock	New Lock Resident Office	2020	\$1M - \$5M	IFB



NEW SOO LOCK CONSTRUCTION PHASES



Completed Work: Downstream Deepening & Sabin Lock Cofferdam
Remaining Work:

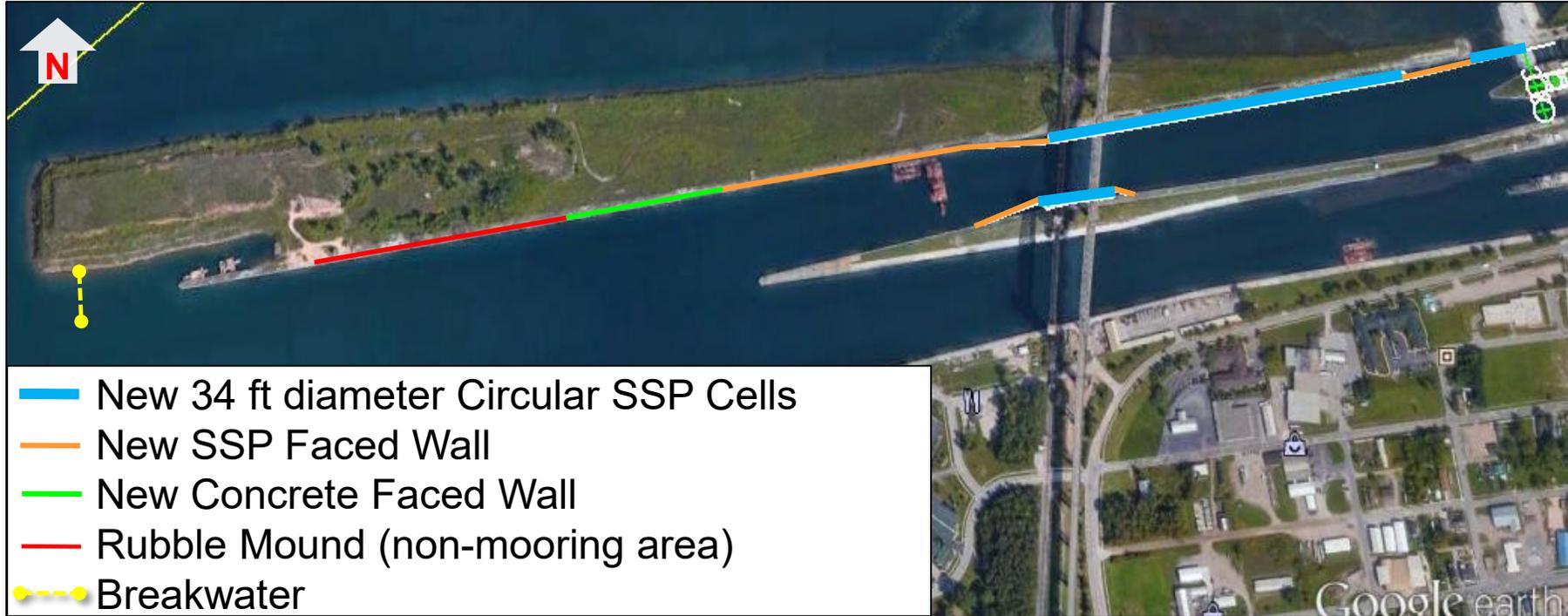


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* Early completion could be realized with efficient funding, favorable weather conditions and continuing contracts clause



NEW SOO LOCK UPSTREAM APPROACH WALLS



- Scope: Rehabilitate approach walls upstream of New Soo Lock
 - Install 2,100' of 34' diameter SSP Cells
 - Install 2,400' of SSP faced wall
 - Install 800' of Concrete faced wall
 - 1,200' of existing wall to be stabilized
 - Install new mooring bollards and lighting
- Design Status: In Progress (95%)
- Target Solicitation: February 2020
- Estimated Performance Period: 24 Months



Questions/Comments?

