

DN 15-40

DREDGING NOTICE
U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT

NOTICE DATE: October 23rd, 2015

DREDGING CATEGORY: Routine

MEETING DATE: If requested

MEETING TIME:

BOAT REQUIREMENT:

MEETING LOCATION:

DREDGE CUT NAME: LD 4 Aux Lock Chamber RIVER MILE: 752.6 – 752.8

HISTORIC DATA

Frequency: 18%

Avg. Quantity/Job: 4,786 yd³

Last Date Dredged: October 15th, 2013

Avg. Quantity/Year: 851 yd³

SURVEY DATA

Date Surveyed: October 16th, 2015

Water Surface Elevation: 660.2

Low Control Pool Elevation: 659.6

Net Difference: + 0.6

5-Day River Forecast: Holding Steady

DREDGING DATA

Recommended Channel Width: Chamber Width

Recommended Dredging Depth: Cut 1: 8 feet to accommodate smaller boats.

Cut 2: 11 feet to accommodate navigation.

Estimated Quantity: 6,104 yd³

Type of Dredge: Government Mechanical

Proposed Dredging Date: October 27th, 2015

Estimated Duration: 5 dredging days

Justification for Dredging: Dredging is necessary to allow access for the emergency life boats to be deployed off the guide wall.

MATERIAL PLACEMENT DATA

Proposed Placement Site: Alma Marina

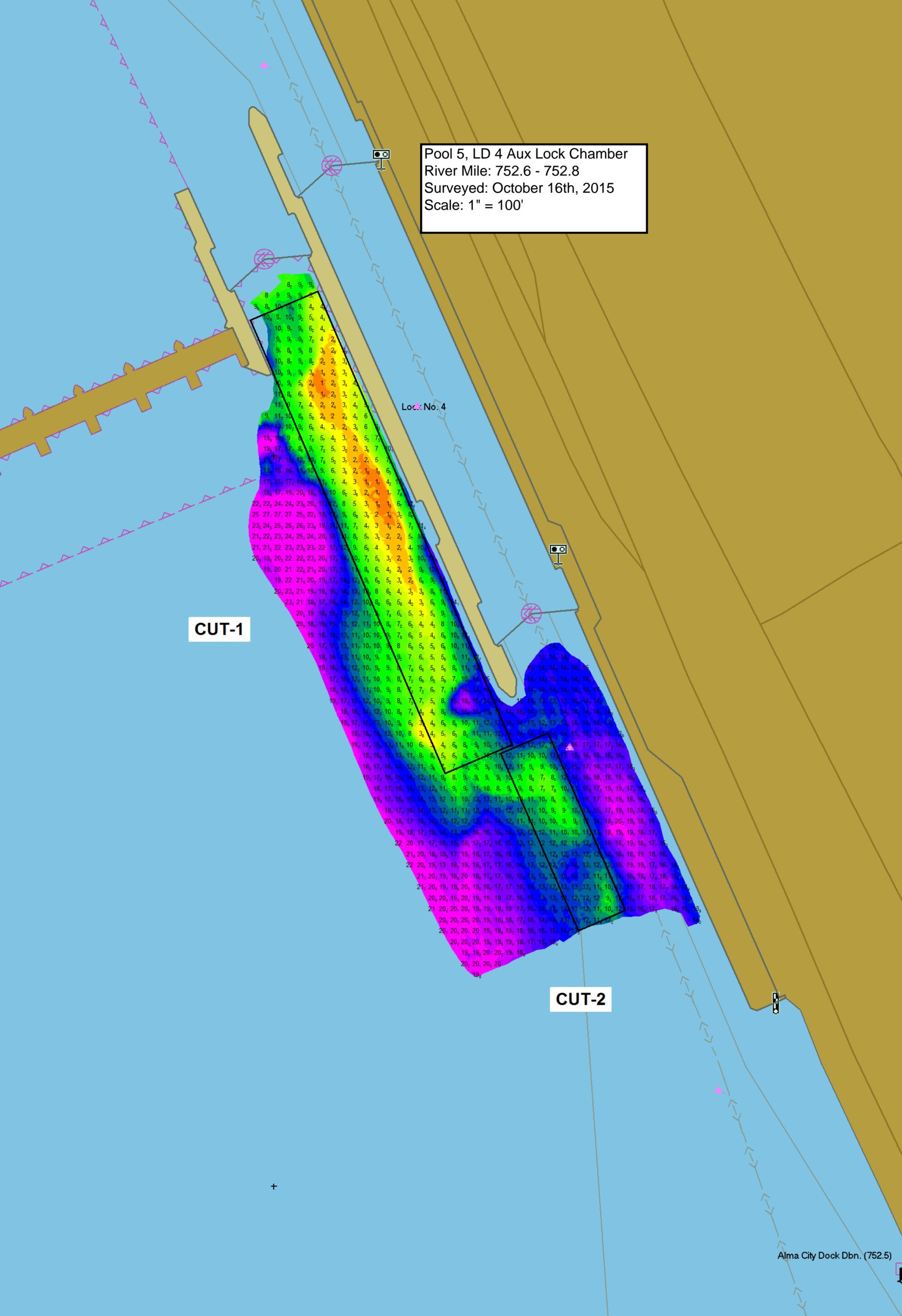
Location: 4-754.0 LWP

Site Characteristics: This is a historically used beneficial use placement site.

If you have any questions concerning this project or want to request an on-site meeting, please call me at (651) 324-2050.

Brandon Olson
Acting Channel Maintenance Coordinator

Pool 5, LD 4 Aux Lock Chamber
River Mile: 752.6 - 752.8
Surveyed: October 16th, 2015
Scale: 1" = 100'



CUT-1

Loc. No. 4

CUT-2