

U.S. Army Corps of Engineers St. Paul District Channels & Harbors Project

Presentation for
2016 WEDA Midwest Chapter

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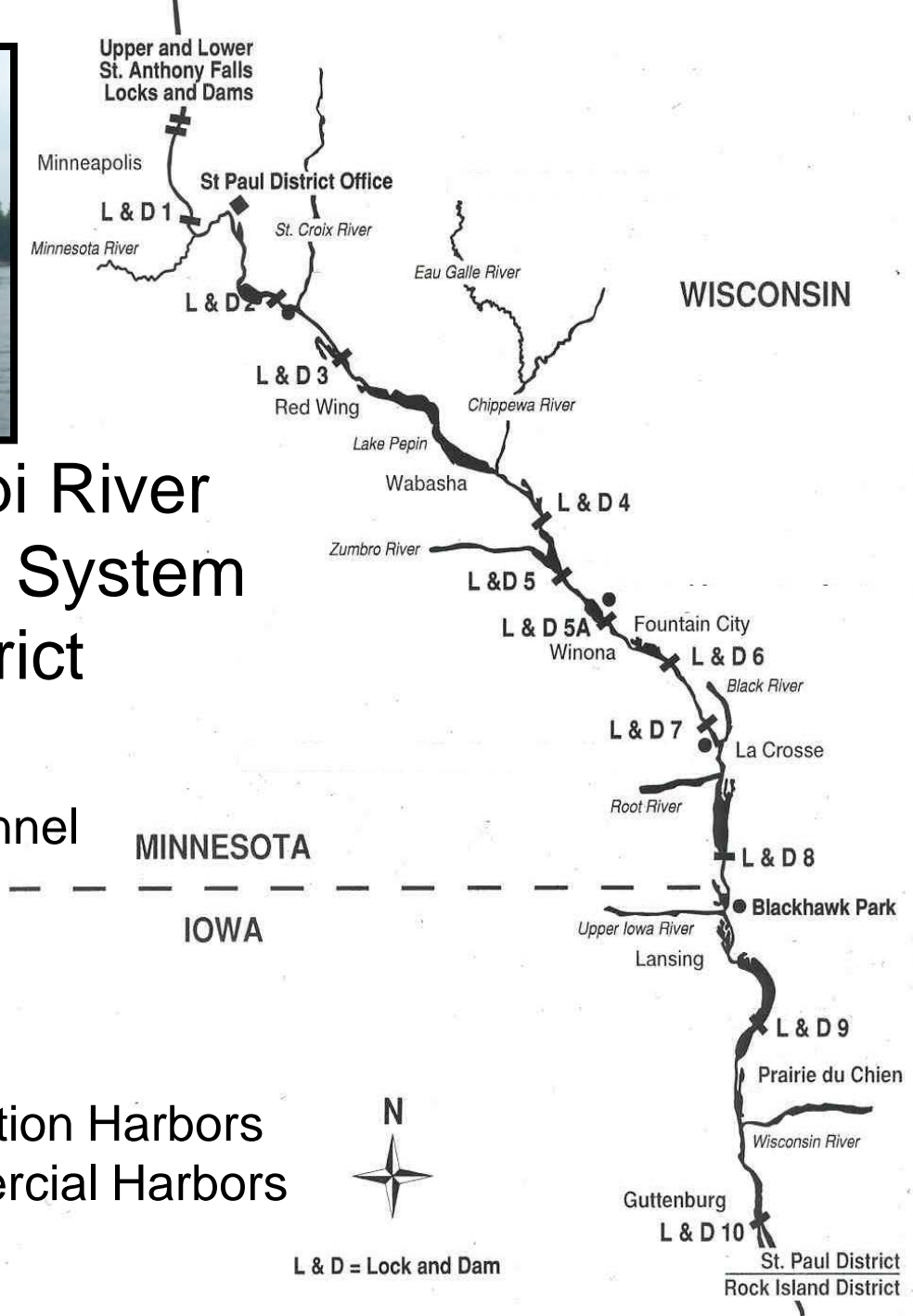
US Army Corps of Engineers
BUILDING STRONG®





Upper Mississippi River 9-Foot Navigation System St. Paul District

- 13 Locks and Dams
- 284 Miles of 9-Foot Channel
 - Mississippi River
 - Minnesota River
 - St. Croix River
 - Black River
- 11 Shallow Draft Recreation Harbors
- 3 Shallow Draft Commercial Harbors



L & D = Lock and Dam

St. Paul District
Rock Island District

St. Paul District Dredging

- Average:
 - Since 1985: ~900,000 CY/YR
 - Last 20yrs: ~960,000 CY/YR
- Season:
 - May - Nov
 - Mar – Nov (2015)
- Equipment
 - Government (Hyd & Mech)
 - Contract (Hyd & Mech)



St. Paul District Dredging

Government Equipment



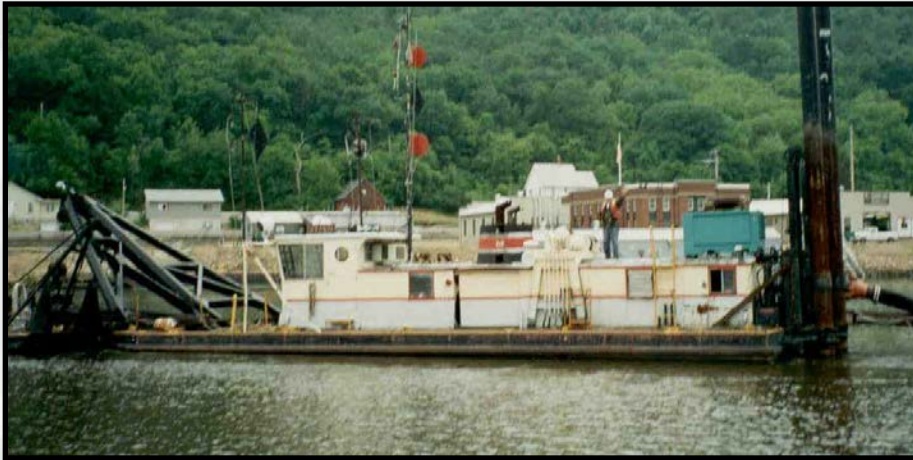
Dredge GOETZ

- 20-inch cutterhead pipeline dredge



St. Paul District Dredging

Government Equipment



Dredge DUBUQUE

- 12 inch cutterhead



Mechanical Excavator



St. Paul District Dredging

Contract Equipment



Hydraulic

- Site unloadings
- Limited channel dredging

Mechanical

- Channel dredging
- Limited site unloadings
- 5-yr contract with LS Marine 2014-18



2015 Dredging Summary

Total Dredged = 889,403 CY

Jobs = 42

52% Government 48% Contract



**Dredging Season 2015:
March 22nd – November 17th
(Dredging Season 2014: June 12 – November 12)**

2015 Site Unloads



Grand Encampment

- Black River Constructors
- JF Brennan & Hoffman
- ~550,000cy

McMillan Island

- JF Brennan
- ~152,000cy



2016 Site Unloads



Wabasha Gravel Pit

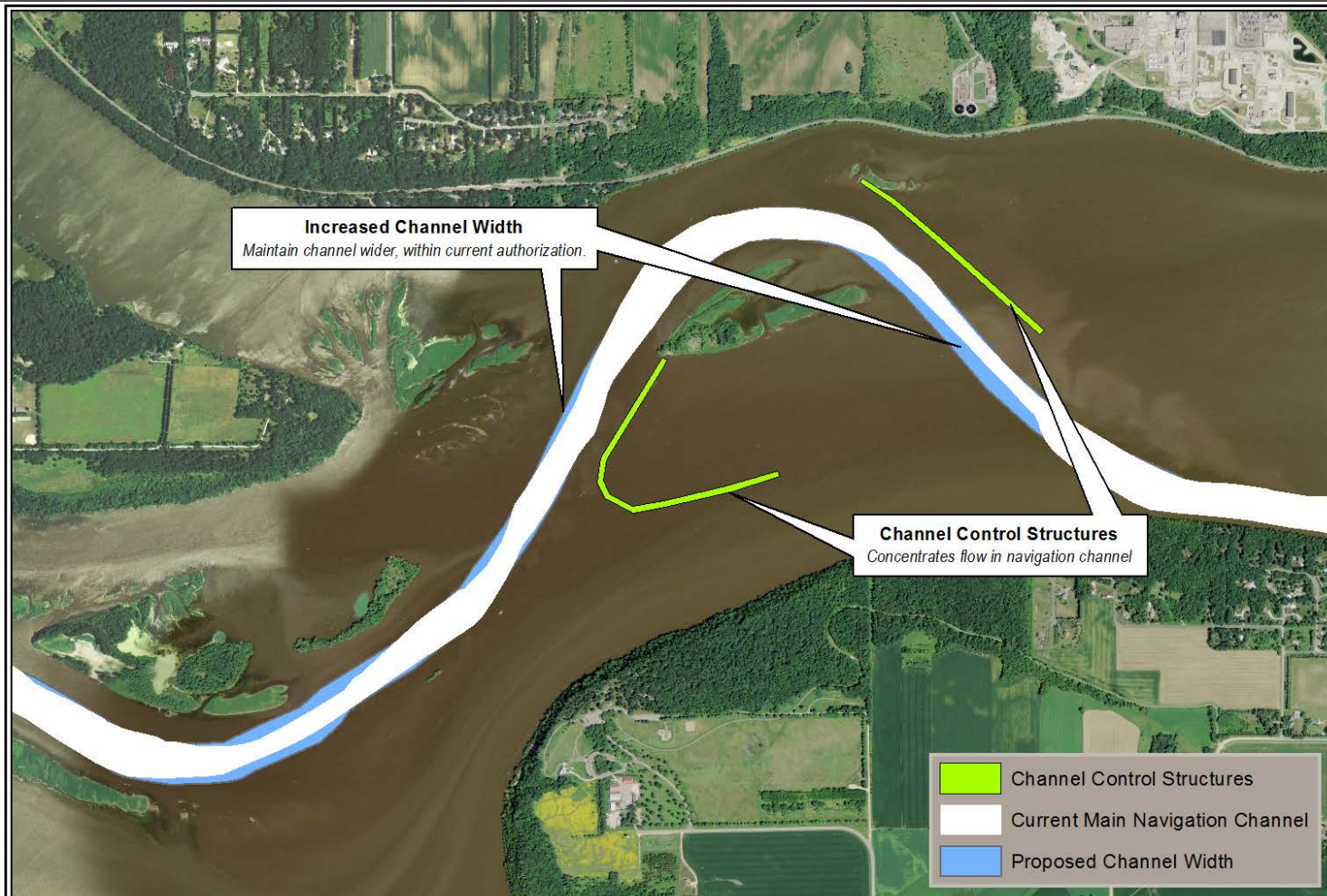
- US Site Work
- ~125,000cy
- Jan – Mar 2016

Crats Island

- JF Brennan
- ~900,000cy
- 7/2016 - 2017



Pool 2 Channel Study



Upcoming Dredging Jobs

2016: Pool 5, Lost Island Site Unloading, ~1M CY

2017: Pool 2, Channel Mgmt Study

- Ph 1. Rock Work

Pool 3, North Lake HREP, Backwater Exec.

- ~140,000cy fine material

2018: Pool 2, 3 Temp Sites Unloading, ~1M CY

Pool 2, Channel Mgmt Study

- Ph 2. Channel Dredging ~350,000

Pool 3, North/Sturgeon Lake

- ~50,000cy fine material

- ~27,000cy channel material



Thanks!

