

# ST PAUL DISTRICT DREDGING UPDATE

Presentation for the

## WEDA MIDWEST CHAPTER MEETING

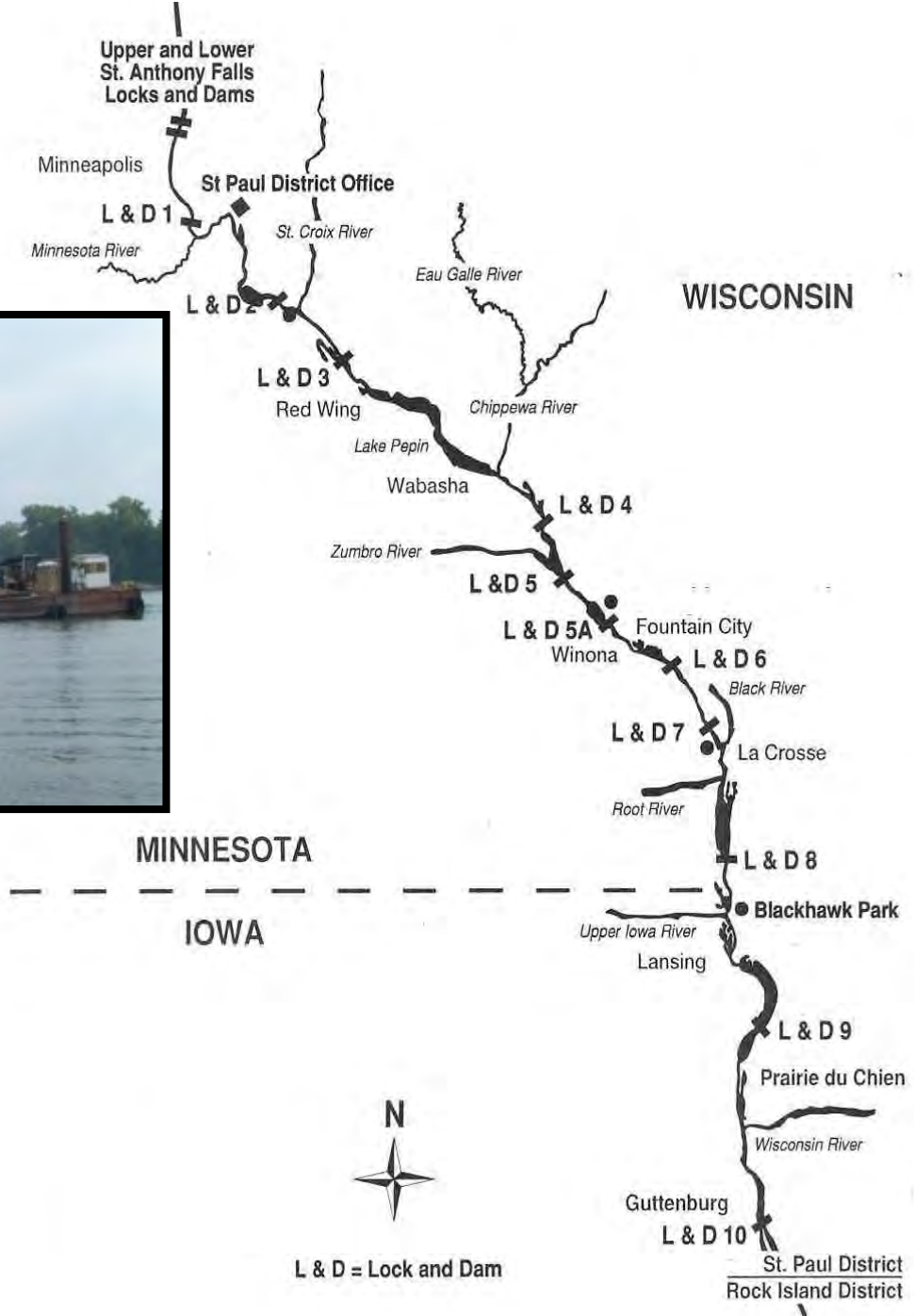
By Steve Tapp

8 March 2019



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N

L & D = Lock and Dam

St. Paul District  
Rock Island District

# ST PAUL DISTRICT DREDGING

- Average:
  - Since 1985: ~900,000 CY/YR
  - Last 20yrs: ~930,000 CY/YR
- Season:
  - May - Nov
- Equipment
  - Government (Hyd & Mech)
  - Contract (Mech)



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# ST PAUL DISTRICT DREDGING

## Government Equipment



### Dredge GOETZ

- 20-inch cutterhead pipeline dredge



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# ST PAUL DISTRICT DREDGING

## Government Equipment



### Dredge DUBUQUE

- 12-inch cutterhead pipeline dredge



### Mechanical Excavator



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# ST PAUL DISTRICT DREDGING

## Contract Equipment



### Hydraulic

- Placement Site Excavations
- Limited Channel Dredging

### Mechanical

- Channel Dredging
- Placement Site Excavations



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# 2018 DREDGING SUMMARY

Total Dredged = 965,827 CY

Jobs = 43

51% Government      49% Contract by Job

63% Government      37% Contract by Volume



Dredging Season 2018:  
23 May – 21 November



# ONGOING PROJECTS

2019

- **Mechanical Excavation Contract**
  - ▶ Excavate Multiple Placement Sites (LS Marine)
- **Pool 2, Channel Modification**
  - ▶ Complete Phase 1 - Rock Work Only (Newt Marine)
- **Pool 3, Lost Island Excavation**
  - ▶ Excavate 500K CY (Newt Marine)
- **Pool 5, Lost Island Excavation**
  - ▶ Excavate 1.3M CY (Newt Marine)



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# ONGOING PROJECTS

## Corps Island Excavation (Pool 3)



- Newt Marine
- ~500K CY
- 2019

# ONGOING PROJECTS

## Lost Island Excavation (Pool 5)



- Newt Marine
- ~1.3M CY
- 2017 - 2019



# ONGOING PROJECTS

## Lost Island Excavation (Pool 5)



# POTENTIAL FUTURE PROJECTS

12

## 2019

- **Mechanical Dredging Contract**
  - ▶ Channel Dredging & Some Placement Site Excavation
  - ▶ St. Paul and Rock Island Districts
  - ▶ Base Year + 4 Option Years
  - ▶ Primary Plant + Option for Secondary Plant
- **Pool 10, McGregor Lake HREP**
  - ▶ Backwater Islands and Dredging
  - ▶ 300,000 CY



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# POTENTIAL FUTURE PROJECTS

2020

- Pool 2, Pigs Eye Lake Section 204 Project
  - ▶ Unload Multiple Placement Sites in Pool 2
  - ▶ Backwater Islands
  - ▶ 400,000 CY
- Pool 4, Head of Lake Pepin Section 204 / Section 1122 Project
  - ▶ Unload Placement Site in Pool 4
  - ▶ Backwater Islands and Dredging



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# *The End*

