Minnesota Statewide Ports and Waterways Plan

CTS Research Conference
May 23, 2013
Waterways, Ports, and Locks
Key Commodities and Tonnages

River System: Grain (4.4M), Aggregate (1.9M), Fertilizer (1.4M), Cement (0.7M)

Lake System: Taconite (40.8M), Coal (15.4M), Limestone (3.2M), Grain (1.0M)

*** High Weight/Low value ***
Port Development Assistance Program

From 1996 to 2010, the state legislature appropriated a total of $21 million (combination of general funds and bonds) towards program, which includes 26 projects such as:

- Dredging in the dock areas
- Dock wall reconstruction
- Building rehabilitation
- Improving road and rail access and bringing facilities up to safety code
- Aiding the private sector as they operate most all of the public facilities
Port Development Assistance Program

- Maintain and improve Minnesota’s River and Lake Superior public commercial ports

- Provides grants to public port authorities for the improvement of infrastructure.

- Maximum state match of 80% and local minimum of 20%

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<thead>
<tr>
<th>YEAR</th>
<th>AMOUNT</th>
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<tr>
<td>2001</td>
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<td>2011</td>
<td>$3 M</td>
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<tr>
<td>2012</td>
<td>$1 M</td>
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Vision for Minnesota’s Multimodal Transportation System

Connects Minnesota’s primary assets - the people, natural resources and businesses within the state - to each other and to markets and resources outside the state and country

Provides safe, convenient and Effective movement of people and goods

Is flexible and nimble enough To adapt to changes in society, technology, the environment and the economy
Schedule (Consultant Contract)

- Notice To Proceed: January 28, 2013
- Tasks 1 through 3 Interim Report: April 11, 2013
- Open Houses: June 5-7, 2013
  - Duluth, Winona, Saint Paul
- Draft Final Report: June 21, 2013
- Final Report Complete: June 30, 2013
Schedule (Beyond Consultant Contract)

- Begin rewrite of Final Report into Waterways Plan
- Planning Management Review: July 8, 2013
- State Register and Press Release: July 15, 2013
- Draft Plan Complete/30-day Public Comment Period Initiated: August 1, 2013
- Public Comment Period Ends: August 30, 2013
- Review comments and assemble response: September 6, 2013
- Planning Management Group review and approval: September 9, 2013
Task 1 – Provide Overview and History of the Waterways

- Mississippi River System including Minnesota River and St. Croix River
- Lake Superior/ St Lawrence Seaway
- Tonnage/Value
- Commercial businesses
- Operating and equipment company strength and market forces
- Fleeting areas and staging
- Dredging: Navigable channel, shoreside facilities
Task 2 – Inventory of Facilities & Conditions

- Port facilities
  - Two 2011 reports
  - Facilities’ Security

- Commodities
  - Minnesota 2012 Freight Tonnage on Navigable Waterways
  - Commodities handled and origin/destination

- Intermodal capacity and connectivity
  - Railroad lines and network connections
  - State highways and interstate routes
  - Information for the first & last mile

- Estimated life-cycle of capital assets
Task 3 – Industry Profiles of Shippers

- Informational questionnaire
- Company name, structure and market role
- Commodities and freight moved
- Documentation of Wharfage and other user fees
- Supply chain – sources and markets
  - Effects of mergers and acquisitions on supply chain such as consolidation and expansion of iron ore/steel companies, CN’s purchase of DMIR
Interim Report Findings

- Seawalls and Dock Pier Condition
- Barge Fleeting Service
- River and Lake Dependence
- Lock/Dam Infrastructure Condition and Capacity
- Dredging and Disposal
- Invasive Species
- Environmental Regulation – Ballast Water
- Panama Canal – Asian Market Access
- Niche Markets – Traditional and Emerging
- Reverse Haul Opportunities
Interim Report Findings

- Water Resources Development Act (WRDA)
  - Navigation Channel Dredging and Beneficial Use
  - Aging Infrastructure

- Marine Highways Designations
- Port access
- Encroaching land uses
- Length of shipping season
Task 4 – Needs Assessment and Benefits Analysis

- Port Development Assistance Program (PDAP) Funding
  - Dockside and facility improvements
  - Peer state port programs: policy models and infrastructure programs
  - Economic benefit of investments – direct and indirect
  - Stable and predictable funding
Task 5 – Program Recommendations

PDAP, WRDA, MAP 21, TIGER

Recommended investments and funding sources

Performance metrics
  ◦ Tonnage
  ◦ Infrastructure Condition*
Steering Committee Membership

- Adolph Ojard - Duluth Seaway Port Authority
- Ron Chicka - Metropolitan Interstate Council
- Bryan Anderson – MnDOT Duluth

- Carrie Flack – City of Minneapolis
- Lorrie Louder - Saint Paul Port Authority
- Steve Elmer – Metropolitan Council
- Lynne Bly – MnDOT Twin Cities Metro

- Shari Chorney - Red Wing Port Authority
- Lucy McMartin - Port Authority of Winona
- Mark Schoenfelder – MnDOT Rochester

- Philip Schaffner – MnDOT Multimodal Planning
Public Participation

36 Stakeholder Interviews

Open House Dates & Venues
- Duluth – June 5th from 4:00 to 6:00 coordinated with Harbor TAC Meeting
- Winona – June 6th from 4:00 to 6:00 coordinated with Port Authority Board Meeting
- Saint Paul – June 7th from 11:00 to 1:30

30-day Public Comment Period
Minnesota Statewide Ports and Waterways Plan

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