The Atlantic Intracoastal Waterway: Marine Highway 95
Brad Pickel
Executive Director
Atlantic Intracoastal Waterway Association

National Waterways Conference
September 22, 2016
The Atlantic Intracoastal Waterway Association

• Organized in 1999 as a 501c(6), membership organization to encourage the continuation and further development of waterborne commerce and recreation on the Atlantic Intracoastal Waterway of Virginia, North Carolina, South Carolina, Georgia and Florida.

• The Association advocates for regular dredging and adequate maintenance to promote safe, cost-effective navigation.
The US Army Corps of Engineers maintains the Waterway for 1,100 miles between Norfolk, Virginia and Florida Bay, Florida. M-95 is authorized to -12 feet MLLW with widths of 90 feet through land cuts and 150 feet in open water areas, and -10 feet MLLW in most of Florida.
Transportation and the Economy

By 2040, the U.S. economy is forecast to grow by 115% to $36.7 trillion—and the transportation sector will represent about $1.6 trillion of total Gross Domestic Product.

Global Demand for U.S. Products

Global trade is one of the brightest spots in our economy.

By 2040, U.S. freight volume will grow to 29 billion tons—an increase of 45%.

Major gains in freight movement are predicted by 2040

By 2040, the value of freight will grow to $39 trillion—an increase of 125%.

Freight Movement is Multimodal

Every mode of transportation moves freight, but trucking is the primary mode of freight travel.

<table>
<thead>
<tr>
<th>Mode</th>
<th>2012 (in tons)</th>
<th>2040</th>
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</thead>
<tbody>
<tr>
<td>Truck</td>
<td>13.2 billion</td>
<td>18.8 billion</td>
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<tr>
<td>Rail</td>
<td>2.0 billion</td>
<td>2.8 billion</td>
</tr>
<tr>
<td>Waterborne</td>
<td>975 million</td>
<td>1.1 billion</td>
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<tr>
<td>Air</td>
<td>15 million</td>
<td>53 million</td>
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System Performance and the Cost of Congestion

By 2040, nearly 30,000 miles of our busiest highways will be clogged on a daily basis.

Truck congestion wastes $27 billion in time and fuel annually.

The U.S. energy boom is placing unprecedented demand on our transportation system.

Crude oil production is up 50% since 2008

42x the 9,500 carloads of crude oil in 2008

Rail carried 400,000 carloads of crude oil in 2013

64 million tons of freight move across our nation every day
65% of America’s imported and exported containerized freight (by value) flows through ten ports.

Ports are opportunity multipliers—economic engines, fueling good jobs not just on our coasts, but across the country.

- New York/New Jersey: $201.4 billion, 70.1 million tons
- Baltimore: $52.6 billion, 27.4 million tons
- Hampton Roads: $66.9 billion, 66.7 million tons
- Charleston: $65.1 billion, 15.4 million tons
- Savannah: $70.9 billion, 28.4 million tons
- Long Beach: $109.3 billion, 44.4 million tons
- Houston: $168.3 billion, 147.8 million tons
- New Orleans: $58.8 billion, 97.2 million tons
- Los Angeles: $285.4 billion, 69.1 million tons
- Tacoma: $48.6 billion, 16.3 million tons

Container traffic at U.S. ports is up 19% since 2009 and has nearly recovered to pre-recession levels.

Exports and imports account for nearly 25% of our Gross Domestic Product.
NATIONAL MARITIME STRATEGY
FIVE STRATEGIC GOALS

1) EXPAND CAPACITY OF U.S. GATEWAY PORTS

2) ENSURE THE MARITIME CAPACITY TO
   GUARANTEE
   ECONOMIC AND NATIONAL SECURITY

3) MODERNIZE, EDUCATE, TRAIN AND RECRUIT
   THE
   NEXT GENERATION OF MARINERS

4) FULLY LEVERAGE WATERBORNE
   TRANSPORTATION
   IN OUR NATIONAL TRANSPORTATION
   NETWORK
Why water? We have no choice!
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<tbody>
<tr>
<td>VA</td>
<td>$6.94 Million</td>
<td>$6.94 M</td>
<td>$3.655 M</td>
<td>$4.755 M</td>
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<tr>
<td>NC*</td>
<td>$2.6 M</td>
<td>$2.6 M</td>
<td>$2.6 M</td>
<td>$5.6 M</td>
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<tr>
<td>SC*</td>
<td>$500,000</td>
<td>$2.4 M</td>
<td>$100,000</td>
<td>$100,000</td>
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<tr>
<td>GA</td>
<td>$176,000</td>
<td>$176,000</td>
<td>$176,000</td>
<td>$176,000</td>
</tr>
<tr>
<td>FL*</td>
<td>$600,000</td>
<td>$1.2 M</td>
<td>$700,000</td>
<td>$3.3 M</td>
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<td>Total for M-95</td>
<td>$10,816,000</td>
<td>$13,316,000 (23% increase)</td>
<td>$7,231,000</td>
<td>$13,931,000 (93% increase)</td>
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Funding Pot Example - 2015

0 to +1 ft MLLW
Southwind Construction- Dredge Wilco

COMPLETE!
Fiscal Year 2017- Current status

- President’s Budget- $6,911,000, matched by House and Senate Committees
- Association Targets for Additional Dredging Needs included in Delegation letter
  - Inland Waterways- $50M
    - $45 million in FY16 (House $48, Senate $45)
  - Small, Remote or Subsistence Navigation- $50M
    - $48 million in FY16 (House $50, Senate $48)
  - Navigation- $50M
    - $23.5 million in FY16 (House $25.3, Senate $23.5)
AIWW/GIWW Needs Assessment in WRRDA 2014

- WRRDA 2014 Section 2008 requires Corps of Engineers to quantify annual maintenance dredging needs of AIWW and provide report to Congress.
- Information will aid in long-term planning for federal and non-federal partners.
AIWW/GIWW Needs Assessment in WRRDA 2014 Action

- Congressmen Jones (NC) & Carter (GA) sent individual letters requesting status.
- WRRDA Subcommittee Hearing- Frankel (FL) and Rouzer (NC) asked ASA Darcy about status.
- Joint delegation letter to ASA Darcy requesting study be initiated. Thirteen signatories representing four states on final letter.
- AIWA Board met with SAD Commander in May 2016 and readily available information was released in August 2016
Amount of money to return AIWW/IWW to authorized depth

- Virginia - $17,500,000
- North Carolina - $11,000,000
- South Carolina - $69,000,000
- Georgia - $28,591,000
- Florida - $0

NC and FL have non-federal funding streams
Amount of money to maintain AIWW/IWW at authorized depth

- Virginia- $4,200,000
- North Carolina- $8,000,000
- South Carolina- $18,000,000
- Georgia- $10,000,000
- Florida- $10,000,000
20-Year Volume Shortage by Districts

Savannah: 79.7 Million CY
Jacksonville: 0.05 Million CY
Norfolk: 2.1 Million CY
Wilmington: 5.9 Million CY
Charleston: 12.4 Million CY
Moving forward in 2016

- Continue to support Administration Budgeting and Congressional Funding Pot Appropriations for Waterway with Congressional Delegations
- Evaluate information and advocate for increased funding based on WRRDA 2014 response
- Identify and support partners willing to provide alternative financing and/or become local advocates to support innovative techniques- Georgia example
- Investigate and support any other efforts to increase funding or reduce cost of waterway maintenance (e.g. beneficial use)
AIWA 2016 Annual Meeting

- November 15-16, 2016 in Norfolk, Virginia
- Will include:
  - U.S. Army Corps of Engineers- AIWW/IWW Update
  - U.S. Coast Guard
  - U.S. DOT Maritime Administration- Marine Highways
  - NOAA Surveying
  - Marine industry reps in Virginia
  - Local governments and waterway users
  - Additional presentations on *Programmatic Permitting by USACE-Jacksonville District*; and *Innovative Dredged Material Placement by USACE- North Atlantic Division*
For more information visit www.atlanticintracoastal.org