CONTENTS



1. Introduction 1.1 Plan Overview	1
2. History and System Overview	5
2.1 Historical Timeline	6
2.1.1 Pre-European	7
2.1.2 European Settlement	7
2.1.3 19th Century	8
2.1.4 20th Century	9
2.1.5 WWII and Illinois' Waterways	10
2.2 The Illinois Marine Transportation System (IMTS)	12
2.2.1 Marine Highway System	12
2.3 Locks and Dams	19
2.3.1 How Locks and Dams Work	19
2.3.2 Locks and Dams Along the IMTS	20
2.4 Ferries and Cruises	22
2.4.1 Ferries	22
2.5 Recreational Uses	25
2.6 Importance of the System	25
2.6.1 Cargo Type	26

Public Port District Profiles	28
3.1 Public Port District Powers	29
3.2 Benefits of Public Port Districts	32
3.2.1 Economies of Scale	32
3.2.2 Effective Movement of Goods	32
3.2.3 Economic Development	32
Alexander-Cairo Port District	34
America's Central Port District	38
Havana Regional Port District	44
Heart of Illinois Regional Port District	48
Illinois International Port District	
Illinois Valley Regional Port District	59
Jackson-Union Counties Regional Port District	63
Joliet Regional Port District	67
Kaskaskia Regional Port District	72
Massac-Metropolis Port District	81
Mid-America Intermodal Authority Port District	85
Mt. Carmel Regional Port District	89
Ottawa Port District	93
Seneca Regional Port District	97
Shawneetown Regional Port District	102





Southwest Regional Port District	106
Upper Mississippi River International Port District	110
Waukegan Port District	114
White County Port District	119
4. Economic Value	123
4.1 Commodity Flows	124
4.1.1 Commodity Flows in 2017	128
4.1.2 Commodity Flow Forecast	130
4.1.3 Food and Food Products	132
4.1.4 Coal	135
4.1.5 Primary Metal Products	137
4.1.6 Source of Data and Forecast	139
4.2 Industry and Carrier Profiles	140
4.2.1 Food and Food Products	140
4.2.2 Coal	144
4.2.3 Primary Metal Products	148
4.3 Carrier/Operator Profiles	150
4.3.1 Barge Carriers	151
4.3.2 Lake and Ocean Carriers	152
4.3.3 Facility Operators	154
4.3.4 Rail and Truck Carriers	155

4.4 Economic Impact Analysis	156
4.4.1 Marine Freight and Illinois	157
4.4.2 Goods Movement and the Economy	158
4.4.3 Methodology	159
4.4.4 Marine-Supportive and Related Impacts	160
4.4.5 State Level Impacts	162
4.4.6 Public Port District Impacts	165
Needs Assessment and Strategy Development	169
5.1 Peer State and Neighbor State Review	170
5.1.1 Peer State Analysis—Findings Related to MTS Planning and Funding Programs	170
5.1.2 Neighbor State Analysis—Findings Related to Dredging Programs	175
5.2 Programmatic Recommendations	178
5.2.1 IDOT Long-Range Transportation Plan	178
5.2.2 Illinois State Freight Plan	179
5.2.3 Recommendation #1: Re-Establish a Marine Section Within IDOT	180
5.2.4 Recommendation #2: Fully Integrate IMTS Modal System Planning Within IDOT	181
5.2.5 Recommendation #3: Fully Integrate Statewide IMTS Planning Across Public and Private Stakeholders	182
5.2.6 Recommendation #4: Improve Port District Structure and Appointment Process	183
5.2.7 Recommendation #5: Streamline Dredging Process	184
5.2.8 Recommendation #6: Strengthen Federal Agency and Multi-State Partnerships	185
5.2.9 Recommendation #7: Leverage Existing Illinois Funding to Meet Identified IMTS Needs	186
5.2.10 Recommendation #8: Establish Long-Term, Sustainable IMTS Funding Program	187





	5.3 Critical Needs for the IMTS and ITS Stakeholders	18
	5.4 Benefits of Action	18
.	Implementation of Programmati	С
	Recommendations	191
	6.1 Implementation Partners	19
	6.1.1 Illinois Department of Transportation (IDOT)	192
	6.1.2 Illinois Department of Commerce and Economic Opportunity (DCEO)	192
	6.1.3 Port Districts & Illinois Ports Association (IPA)	192
	6.1.4 Illinois Department of Natural Resources (IDNR)	192
	6.1.5 Illinois Environmental Protection Agency (IEPA)	192
	6.1.6 Illinois Department of Agriculture (IDOA)	192
	6.1.7 United States Army Corps of Engineers (USACE)	193
	6.1.8 Metropolitan Planning Organizations and Regional Planning Agencies	193
	6.1.9 United States Maritime Administration (MARAD)	193
	6.1.10 United States Environmental Protection Agency (U.S. EPA)	193
	6.1.11 State and Federal Legislative Branches (LEG)	193
	6.2 Implementation Stakeholders	19
	6.3 Implementation Partners Collaboration	19
h	noto Credit References	199

