

GREAT LAKES — ST. LAWRENCE BASIN DEVELOPMENT  
NAVIGATION FEATURES

Section	Total Length Ft. William to Belle Isle Miles	Average diff. in level  Ft.	Average flow  C.F.S.	Existing				Proposed			
				Canal  Miles	Minimum Depth  Ft.	Locks  No.	Movable Bridges  No.	Canal  Miles	Minimum Depth  Ft.	Locks  No.	Movable Bridges (a) No.
<b>Upper Lakes Channels</b>											
Lake Superior	258.0	23	71,000	1.6	Downbound = 25 ft.	1 (b)	1	1.6	27	1 (b)	1
St. Mary's River	63.0										
Lake Huron	219.0	5	174,000		Upbound = 21 ft.						
St. Clair River	39.0										
Lake St. Clair	18.0	3									
Detroit River	32.0										
Lake Erie	219.0		194,000								
Niagara River											
Welland Ship Canal	27.6	326		27.6	25	8	20	27.6		8	20
Lake Ontario	155.4										
<b>St. Lawrence River</b>											
(to Montreal)											
Thousand Isd.	68.0	1			27						
Int. Rapids	47.0	92	237,000	12.0 (c)	14	7 (d)	3 (e)	11.2		3	2
Lake St. Francis	26.0	1			14					2	4
Soulanges	18.0	83	241,500	14.7	14	5	8	15.5		2	2
Lachine	24.0	46	262,000	8.7	14	5	11	11.2			
					32.5				35		
Lower St. Lawrence & Gulf	1,011.0	23									
<b>TOTALS</b>	<b>2,225.0</b>	<b>603</b>		<b>64.6</b>		<b>26</b>	<b>43</b>	<b>67.1</b>		<b>16</b>	<b>29</b>

- Notes: — (a) Bridges — Service Bridges at Locks not included.  
 (b) Only 1 lock at "Sault" is required to overcome the lift of 23 feet but there are 4 locks available on U.S. Side and 1 on the Canadian Side.  
 (c) (d) (e) Figures shown are for downbound route only. On upbound route there are 11.5 miles additional canal, 4 more locks and 2 more bridges.  
 Minimum Lock Dimensions on completion of Deep Waterway will be 80 ft. wide — 860 ft. long — 30 ft. depth of water on sills.