

ERIE CANAL

Total cost of Construction \$ 63,638,324.

REMARKS	OLD CANAL (1819-1852)	ENLARGEMENT (1852-1889)
Construction authorized	April 15, 1817.	May 11, 1852.
Construction commenced	July 6, 1817.	Aug. 1852.
Completed	October 20, 1856.	Sept. 1889.
Estimated cost at Eng'g Prices	\$4,978,716.	\$23,400,000.
Actual cost of construction	2,767,759.	36,484,553.
Total Foot Lockage	674 1/2 feet.	414 feet.
Length from Albany to Buffalo	363 miles.	220 1/2 miles.
Number of Locks and size of Chambers	62 Locks 110-12.	72 Locks 110-12.
Size of Prism	40-42-4.	70-86-7.
Maximum dimension of Boats	70-75 ft. x 11 ft.	70-75 ft. x 11 ft.
Number of boats (tons)	175.	220.

LOCKS		
No. of Lock	Double or Single	Lock
1	Double	15 1/2
2	Single	15 1/2
3	Double	15 1/2
4	Single	15 1/2
5	Double	15 1/2
6	Single	15 1/2
7	Double	15 1/2
8	Single	15 1/2
9	Double	15 1/2
10	Single	15 1/2
11	Double	15 1/2
12	Single	15 1/2
13	Double	15 1/2
14	Single	15 1/2
15	Double	15 1/2
16	Single	15 1/2
17	Double	15 1/2
18	Single	15 1/2
19	Double	15 1/2
20	Single	15 1/2
21	Double	15 1/2
22	Single	15 1/2
23	Double	15 1/2
24	Single	15 1/2

ONEIDA LAKE CANAL

ONEIDA RIVER IMPROVEMENT

REMARKS	ONEIDA LAKE	ONEIDA RIVER
Construction authorized	March 22, 1852.	April 29, 1850.
Estimated cost at Eng'g Prices	\$46,000.	\$1,000,000.
Actual cost of construction	1835.	1850.
Cost of Construction	\$78,329.	\$79,346.
Entirety of Locks authorized	May 11, 1850.	May 30, 1850.
Number and size of new Locks	2, 100-18.	2, 120-30 1/2.
Size of Prism	40-26-6.	50-60-4 1/2.
Length in miles	7 miles.	20 miles.
Foot of Lockage	60 1/2 ft.	307 1/2 ft. 3 1/2.

LOCKS		
No.	Lock	Lock
1	100-18	120-30 1/2
2	100-18	120-30 1/2

OSWEGO CANAL

Total cost \$ 4,077,420.

REMARKS	OSWEGO CANAL
Construction authorized	April 20, 1853.
Estimated cost at Eng'g Prices	\$2,227,000.
Actual cost of construction	1,849,420.
Cost of Construction	\$3,224,778.
Number & Size of Locks	35 Locks 90-11.
Length of Canal in Towns	3.5 miles.
Length of Canal	42 - 9 1/2 ft.
Size of Prism of Canal and Feeder	42 x 25 - 6
Length of navigable Feeder & Fall	14 1/2 to 16 miles.
Foot Lockage of Canal	166 2/3 ft.

LOCKS		
No.	Lock	Lock
1	90-11	90-11
2	90-11	90-11
3	90-11	90-11
4	90-11	90-11
5	90-11	90-11
6	90-11	90-11
7	90-11	90-11
8	90-11	90-11
9	90-11	90-11
10	90-11	90-11
11	90-11	90-11
12	90-11	90-11
13	90-11	90-11
14	90-11	90-11
15	90-11	90-11
16	90-11	90-11
17	90-11	90-11
18	90-11	90-11
19	90-11	90-11
20	90-11	90-11
21	90-11	90-11
22	90-11	90-11
23	90-11	90-11
24	90-11	90-11
25	90-11	90-11
26	90-11	90-11
27	90-11	90-11
28	90-11	90-11
29	90-11	90-11
30	90-11	90-11
31	90-11	90-11
32	90-11	90-11
33	90-11	90-11
34	90-11	90-11
35	90-11	90-11

BLACK RIVER CANAL

Feeder and B. River Improv.

REMARKS	BLACK RIVER CANAL
Construction authorized	April 19, 1856.
Estimated cost at Eng'g Prices	\$1,068,437.
Actual cost of construction	2,838,689.
Cost of Construction	\$3,224,778.
Number & Size of Locks	35 Locks 90-11.
Length of Canal in Towns	3.5 miles.
Length of Canal	42 - 9 1/2 ft.
Size of Prism of Canal and Feeder	42 x 25 - 6
Length of navigable Feeder & Fall	14 1/2 to 16 miles.
Foot Lockage of Canal	166 2/3 ft.

LOCKS		
No.	Lock	Lock
1	90-11	90-11
2	90-11	90-11
3	90-11	90-11
4	90-11	90-11
5	90-11	90-11
6	90-11	90-11
7	90-11	90-11
8	90-11	90-11
9	90-11	90-11
10	90-11	90-11
11	90-11	90-11
12	90-11	90-11
13	90-11	90-11
14	90-11	90-11
15	90-11	90-11
16	90-11	90-11
17	90-11	90-11
18	90-11	90-11
19	90-11	90-11
20	90-11	90-11
21	90-11	90-11
22	90-11	90-11
23	90-11	90-11
24	90-11	90-11
25	90-11	90-11
26	90-11	90-11
27	90-11	90-11
28	90-11	90-11
29	90-11	90-11
30	90-11	90-11
31	90-11	90-11
32	90-11	90-11
33	90-11	90-11
34	90-11	90-11
35	90-11	90-11

CROOKED LAKE CANAL

REMARKS	CROOKED LAKE CANAL
Construction authorized	April 11, 1859.
Estimated cost at Eng'g Prices	\$418,178.
Actual cost of construction	512,274.
Cost of Construction	\$333,287.
Number & Size of Locks	10 Locks 27.
Size of Prism of Canal	42 x 25 - 6
Length of Canal	3 miles.
All the Locks are Composite	
Foot Lockage	277 ft.

LOCKS		
No.	Lock	Lock
1	27	27
2	27	27
3	27	27
4	27	27
5	27	27
6	27	27
7	27	27
8	27	27
9	27	27
10	27	27

CHAMPLAIN CANAL

GLENS FALLS FEEDER

REMARKS	CHAMPLAIN CANAL
Construction authorized	April 15, 1867.
Estimated cost at Eng'g Prices	\$21,000,000.
Actual cost of construction	30,240,000.
Cost of Construction	\$21,000,000.
Number & Size of Locks	10 Locks 110-12.
Length of Canal in Towns	3.5 miles.
Length of Canal	42 - 9 1/2 ft.
Size of Prism of Canal and Feeder	42 x 25 - 6
Foot Lockage of Canal	166 2/3 ft.

LOCKS		
No.	Lock	Lock
1	110-12	110-12
2	110-12	110-12
3	110-12	110-12
4	110-12	110-12
5	110-12	110-12
6	110-12	110-12
7	110-12	110-12
8	110-12	110-12
9	110-12	110-12
10	110-12	110-12

CHAMPLAIN CANAL

GLENS F. FEEDER

Name of Canal	Length in miles	Number of Locks	Foot Lockage
Black River Canal	14 1/2	35	166 2/3
Black River Canal Feeder	16	35	277
Champlain Canal	166	62	2300
Champlain Canal Feeder	166	62	2300
Crooked Lake Canal	3	10	277
Crooked Lake Canal Feeder	3	10	277
Genesee Valley Canal	125	62	2300
Genesee Valley Canal Feeder	125	62	2300
Oneida Lake Canal	7	2	60 1/2
Oneida Lake Canal Feeder	7	2	60 1/2
Oswego Canal	42	35	166 2/3
Oswego Canal Feeder	42	35	166 2/3
Seneca & Cayuga Canal	125	62	2300
Seneca & Cayuga Canal Feeder	125	62	2300
Trenton Canal	10	10	277
Trenton Canal Feeder	10	10	277
Utica Canal	10	10	277
Utica Canal Feeder	10	10	277
West Point Canal	10	10	277
West Point Canal Feeder	10	10	277
Whitesboro Canal	10	10	277
Whitesboro Canal Feeder	10	10	277

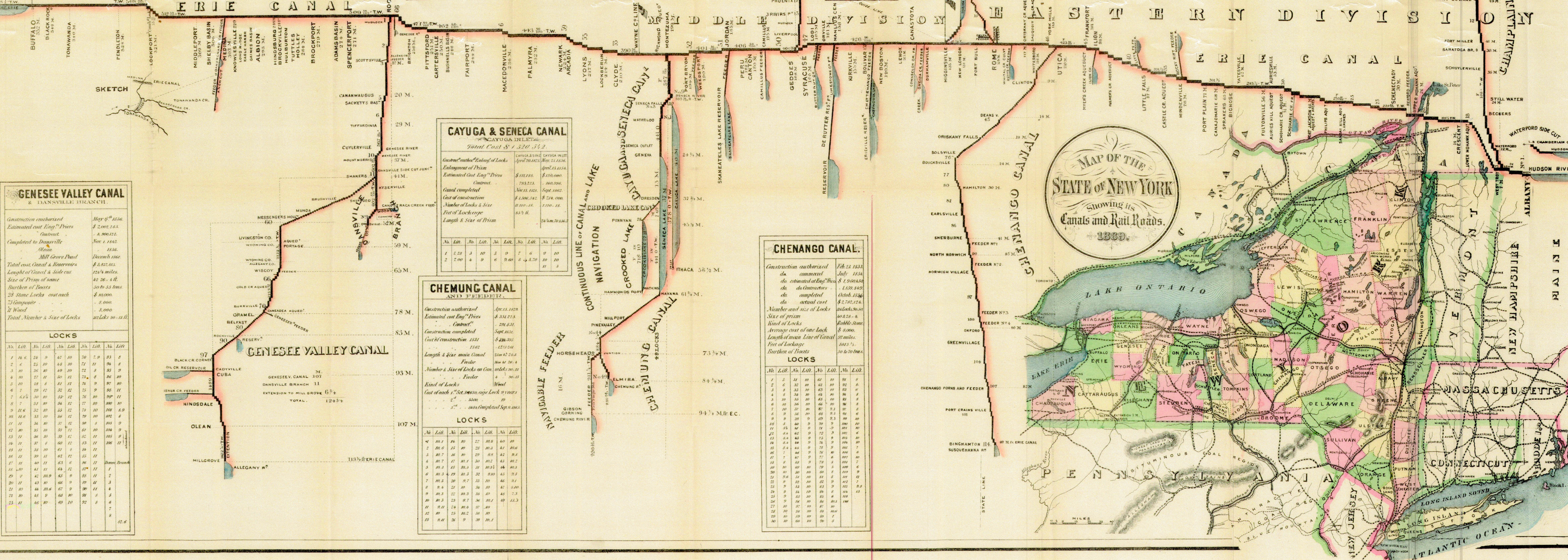
WESTERN DIVISION

ROCHESTER TO LOCKPORT

Grade at bottom 2 ft. per mile ft. Rochester to Lower Lock at Lockport. Size of prism at Rochester 7 ft. surface 3 1/2 ft. bottom and 7 1/2 ft. depth and regularly increasing to base of prism at Lockport to 9 1/2 ft. on surface and 7 1/2 ft. bottom and 7 1/2 ft. depth.

LOCKPORT TO BLACK ROCK

To Head of Rock cut 3 miles the prism is 6 1/2 ft. wide on surface and 6 1/2 ft. on bottom and 9 ft. depth. To Prudenton 4 miles 100 ft. width on surface 7 1/2 ft. on bottom and 9 ft. depth. To Tonawanda 12 miles (using Tonawanda creek) 500 ft. wide on surface and 9 ft. deep. To Black Rock 5 miles width on surface 5 1/2 ft. and on bottom 5 1/2 ft. deep.



NAME OF CANAL

NAME OF CANAL	LENGTH IN MILES	FOOT LOCKAGE IN FEET
Erie Canal	331 7/8	654.80
Champlain Canal	66.00	175.50
Black River Canal	3.00	3.00
Black River Canal Feeder	12.00	132.00
Black River Canal Feeder	15.87	1682.25
Black River Canal Feeder	42.50	
Black River Canal Feeder	6.00	62
Black River Canal Feeder	38.00	134.85
Black River Canal Feeder	29.00	7.85
Black River Canal Feeder	1.00	8
Black River Canal Feeder	22.77	76.41
Black River Canal Feeder	8.00	277.83
Black River Canal Feeder	39.00	346.88
Black River Canal Feeder	2.00	20
Black River Canal Feeder	57.00	805.33
Black River Canal Feeder	116.50	3843.39
Black River Canal Feeder	11.00	32.50
Black River Canal Feeder	603.70	1233.30

YEAR	TOLLS	COST OF REPAIRS
1821	\$ 2,500.00	
1822	2,500.00	
1823	2,500.00	
1824	2,500.00	
1825	2,500.00	
1826	2,500.00	
1827	2,500.00	
1828	2,500.00	
1829	2,500.00	
1830	2,500.00	
1831	2,500.00	
1832	2,500.00	
1833	2,500.00	
1834	2,500.00	
1835	2,500.00	
1836	2,500.00	
1837	2,500.00	
1838	2,500.00	
1839	2,500.00	
1840	2,500.00	
1841	2,500.00	
1842	2,500.00	
1843	2,500.00	
1844	2,500.00	
1845	2,500.00	
1846	2,500.00	
1847	2,500.00	
1848	2,500.00	
1849	2,500.00	
1850	2,500.00	
1851	2,500.00	
1852	2,500.00	
1853	2,500.00	
1854	2,500.00	
1855	2,500.00	
1856	2,500.00	
1857	2,500.00	
1858	2,500.00	
1859	2,500.00	
1860	2,500.00	
1861	2,500.00	
1862	2,500.00	
1863	2,500.00	
1864	2,500.00	
1865	2,500.00	
1866	2,500.00	
1867	2,500.00	
1868	2,500.00	
1869	2,500.00	

GENESEE VALLEY CANAL

GENESEE VALLEY BRANCH

REMARKS	GENESEE VALLEY CANAL
Construction authorized	May 6 th 1836.
Estimated cost at Eng'g Prices	\$ 2,002,183.
Actual cost of construction	2,800,221.
Completed to Danville	Nov. 1, 1842.
Utica	1856.
Mill Grove Dam	December 1867.
Total cost Canal & Reservoirs	\$3,622,403.
Length of Canal & Side cut	125 1/2 miles.
Number of Locks	150 to 153 Locks.
25 Stone Locks cost each	\$ 80,000.
23 Composite	2,000.
2 Wood	2,000.
Total Number & Size of Locks	153 Locks 30-32 ft.

LOCKS		
No.	Lock	Lock
1	30-32	30-32
2	30-32	30-32
3	30-32	30-32
4	30-32	30-32
5	30-32	30-32
6	30-32	30-32
7	30-32	30-32
8	30-32	30-32
9	30-32	30-32
10	30-32	30-32
11	30-32	30-32
12	30-32	30-32
13	30-32	30-32
14	30-32	30-32
15	30-32	30-32
16	30-32	30-32
17	30-32	30-32
18	30-32	30-32
19	30-32	30-32
20	30-32	30-32
21	30-32	30-32
22	30-32	30-32
23	30-32	30-32
24	30-32	30-32
25	30-32	30-32
26	30-32	30-32
27	30-32	30-32
28	30-32	30-32
29	30-32	30-32
30	30-32	30-32
31	30-32	30-32
32	30-32	30-32
33	30-32	30-32
34	30-32	30-32
35	30-32	30-32
36	30-32	30-32
37	30-32	30-32
38	30-32	30-32
39	30-32	30-32