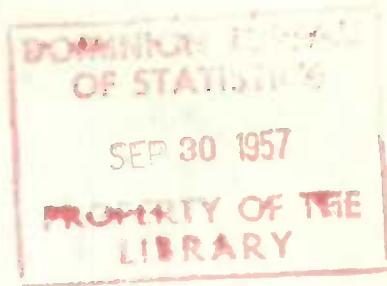


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INTERNATIONAL BRIDGE, TUNNEL AND FERRY COMPANIES

1956

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THE ACTUAL SIGHTS
OF THE WORLD

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INTERNATIONAL BRIDGE, TUNNEL AND FERRY COMPANIES

1956

This report contains statistics for the nine bridges, one tunnel and twelve ferries operating as toll facilities for pedestrians and vehicles across the border between Canada and the United States. Statistics of such facilities used exclusively by railways as well as those used by the public but on which tolls are not charged have not been included. At Cornwall, Ontario the Cornwall International Bridge Co. Ltd. operates a roadway on a railway bridge. At Fort Frances, Ontario a bridge is operated by the International Bridge and Terminal Co. for both road and rail traffic. The Blue Water Bridge between Sarnia and Port Huron is operated by a State Bridge Commission and the Rainbow Bridge at Niagara Falls is operated by a joint Ontario-New York Commission. The ferry from Anacortes, Washington to Sidney, B.C. is a part of the San Juan Islands ferry service operated by the State of Washington and only traffic statistics for this facility are included in the report. All other toll facilities are operated by commercial organizations. The term "ferry" as used in this report refers to ferry companies some of which operate several vessels.

The 1956 operations of the twenty-two reporting companies resulted in a net income of \$3,289,101 down 10.67% from the \$3,681,953 reported in 1955. Operating revenues for the year were \$9,596,359 against \$9,584,541 one year ago. Expenses increased to \$4,324,674 from \$3,994,084. Net operating revenue decreased to \$5,271,685 as compared with \$5,590,457. Total investment amounted to \$36,360,928 an increase from \$35,415,409 reported in 1955.

Employees totalled 739 with earnings of \$2,293,238 as compared to 714 having total salaries and wages of \$2,206,189 one year ago.

Motor vehicles crossing the border via these facilities numbered 17,602,116 compared with 16,895,741 in 1955. Pedestrians totalled 2,187,595 and passengers other than drivers of vehicles numbered 26,318,282 compared with the previous year's 2,414,188 pedestrians and 30,034,994 passengers other than drivers.

TABLE 1. Investment and Capital
at December 31¹

Year	Investment ⁵	Capital stock	Funded debt	Total capital
	\$	\$	\$	\$
Ferry companies				
1939	1,352,939	294,500	418,720	713,220
1945	966,979	197,500	207,243	404,743
1949	1,392,735	362,500	215,000	577,500
1950	1,403,351	322,500	237,500	560,000
1951	1,497,131	351,715	430,000	781,715
1952	1,510,520	322,500	343,500	666,000
1953	1,486,235	242,500	331,000	573,500
1954	1,511,251	242,500	316,000	558,500
1955	1,674,572	258,720	267,900	526,620
1956	1,766,492	404,250	84,700 ⁶	488,950
Bridge and tunnel companies¹				
1939	32,927,781	1,581,300 ²	31,117,550	32,698,850 ²
1945	22,536,457 ³	5,070,328	13,775,000	18,845,328
1949	26,162,698 ⁴	4,331,079	10,583,000	14,914,079
1950	26,384,457	4,536,311	9,421,000	13,957,311
1951	26,772,820	4,389,915	8,003,000	12,392,915
1952	28,090,842	4,377,553	7,157,000	11,534,553
1953	28,941,279	4,233,937	6,715,000	10,948,937
1954	31,664,908	4,610,220	5,276,500	9,886,720
1955	33,740,837	4,862,916	4,611,500	9,474,416
1956	34,594,436	4,977,932	3,696,000	8,673,932
Bridge, tunnel and ferry companies¹				
1939	32,280,657	1,875,800 ²	31,536,270	33,412,070 ²
1945	23,503,436 ³	5,267,828	13,982,243	19,250,071
1949	27,555,433 ⁴	4,693,579	10,798,000	15,491,579
1950	27,787,808	4,858,811	9,658,500	14,517,311
1951	28,269,951	4,741,630	8,433,000	13,174,630
1952	29,601,362	4,700,053	7,500,500	12,200,553
1953	30,427,514	4,476,437	7,046,000	11,522,437
1954	33,176,159	4,852,720	5,592,500	10,445,220
1955	35,415,409	5,121,636	4,879,400	10,001,036
1956	36,360,928	5,382,182	3,780,700	9,162,882

1. Excludes the capital stock and funded debt of the Niagara Lower Arch Bridge and the capital stock the funded debt and investment of the International Bridge and Terminal Co. Capital Stock and investment of Lewiston-Queenston Bridge excluded from 1945 and 1949 only.

2. Capital Stock of Detroit and Canada Tunnel Company, not reported prior to 1943.

3. Decrease is due to revaluation of Detroit International Bridge Co. in 1940.

4. Decrease due mainly to revaluation Cornwall International Bridge purchased by local interests from American company, September 16, 1949.

5. Gross investment before depreciation.

6. Decrease due to payment of Bonded Debt on maturity.

DOMINION BUREAU OF STATISTICS

TABLE 2. Revenues and Expenses

Year	Operating revenues		Operating expenses		Net operating revenues		Net income	
	\$	\$	\$	\$	\$	\$	\$	\$
Ferry companies								
1939	455,313		451,421		3,892	Dr.	14,547	
1945	518,612		407,949		110,663		76,093	
1949	747,027		651,180		95,867		76,503	
1950	752,914		635,794		117,120		67,859	
1951	859,248		743,049		116,199		62,766	
1952	897,172		766,488		130,684		68,867	
1953	1,055,876		795,620		260,256		151,207	
1954	1,070,232		753,476		316,756		176,880	
1955	1,202,584		876,045		326,539		197,797	
1956	1,160,362		839,737		320,625		196,564	
Bridge and tunnel companies								
1939	2,611,931		1,430,878		1,181,053	Dr.	451,789	
1945	4,009,151		1,423,763		2,585,388		1,340,240	
1949	5,838,637		2,110,494		3,728,143		2,350,912	
1950	6,016,758		2,131,748		3,885,010		2,608,795	
1951	6,503,242		2,482,992		4,020,250		2,505,523	
1952	7,146,202		2,736,742		4,409,460		2,501,036	
1953	7,946,137		2,955,265		4,990,872		3,299,912	
1954	7,806,970		3,034,810		4,772,160		3,000,446	
1955	8,381,957		3,118,039		5,263,918		3,484,156	
1956	8,435,997		3,484,937		4,951,060		3,092,536	
Bridge, tunnel and ferry companies								
1939	3,067,244		1,882,299		1,184,945	Dr.	466,338	
1945	4,527,763		1,831,712		2,696,051		1,416,333	
1949	6,585,664		2,761,654		3,824,010		2,427,415	
1950	6,769,872		2,767,542		4,002,130		2,676,654	
1951	7,362,490		3,226,041		4,136,449		2,568,289	
1952	8,043,374		3,503,230		4,540,144		2,569,903	
1953	9,002,013		3,750,885		5,251,128		3,451,119	
1954	8,677,202		3,788,286		5,088,916		3,177,326	
1955	9,584,541		3,994,084		5,590,457		3,681,953	
1956	9,596,359		4,324,674		5,271,685		3,289,100	

TABLE 3. Investment¹

Year	Bridge, tunnel and ferry companies								
	Bridges and tunnels	Vessels	Docks and approaches	Offices and equipment	Other buildings and real estate	Other investments	Total investments	Depreciation reserve accrued to December 31, 1956	Value at December 31, 1956
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1939	28,869,399	1,535,028	245,002	147,389	3,441,257	42,582	34,280,657		
1945	18,302,903	936,406	184,497	233,967	3,808,233	37,430	23,503,436		
1949	19,564,256	669,592	228,940	506,922	6,535,084	50,639	27,555,433		
1950	19,769,706	670,137	232,973	515,597	6,519,471	79,924	27,787,808		
1951	19,875,478	789,014	257,105	551,493	6,695,261	101,600	28,269,951		
1952	20,908,159	791,655	260,167	655,572	6,888,265	97,544	29,601,382		
1953	22,120,689	764,767	264,197	691,485	6,489,518	96,848	30,427,514		
1954	24,975,263	785,418	266,037	635,707	6,409,038	104,896	33,176,159		
1955	26,799,605	983,002	284,125	878,693	6,382,992	86,992	35,415,409	6,095,255 ²	29,320,154
1956	27,538,806	998,709	286,158	1,052,434	6,423,351	61,471	36,360,929	6,564,009	29,796,920

1. Excludes investment of bridge of the International Bridge and Terminal Company. Investment of Lewiston—Queenston Bridge excluded from 1942 to 1948 only.

2. Certain bridge companies do not depreciate their capital facilities.

TABLE 4. Employees, Salaries and Wages

Year	Ferry companies			Bridge and tunnel companies			Bridge, tunnel and ferry companies		
	Full time employees	Part time employees	Salaries	Full time employees	Part time employees	Salaries	Full time employees	Part time employees	Salaries
	No.	No.	\$	No.	No.	\$	No.	No.	\$
1939	237	223,958		329	506,947		566		730,905
1945	234	219,064		303	657,000		537		876,064
1949	240	339,630		346	1,036,132		586		1,375,762
1950	233	334,251		334	1,086,319		567		1,420,570
1951	215	341,300		370	1,284,608		585		1,625,908
1952	225	373,013		429	1,472,025		654		1,845,038
1953	211	392,655		466	1,609,863		677		2,002,518
1954	200	404,328		481	1,698,436		681		2,102,764
1955	108	114	445,097	421	71	1,761,092	529	185	2,206,189
1956	107	100	454,805	433	99	1,838,433	540	199	2,293,238

* No breakdown available for 1939-1954.

TABLE 5. Revenues

Year	Motor vehicles	Pedestrians and passengers	Other transportation	Total transportation	Other than transportation	Total revenue	Ferry companies					
							\$	\$	\$	\$	\$	\$
Ferry companies												
1939	180,429	222,276	42,681	445,386	9,927	455,313						
1945	117,692	317,030	13,954	448,676	69,936	518,612						
1949	250,786	397,962	11,434	660,182	86,845	747,027						
1950	269,318	371,905	18,587	659,810	93,104	752,914						
1951	283,797	451,788	11,725	747,310	111,938	859,248						
1952	334,695	436,876	15,381	786,952	110,220	897,172						
1953	450,662	455,680	26,042	932,384	123,492	1,055,876						
1954	535,618	428,408	1,827	965,853	104,379	1,070,232						
1955	612,514	476,234	1,469	1,090,217	112,367	1,202,584						
1956	632,299	450,177	988	1,083,464	76,898	1,160,362						
Bridge and tunnel companies												
1939	2,072,787	412,905	97,850	2,583,542	28,389	2,611,931						
1945	2,823,966	999,239	125,556	3,948,761	60,390	4,009,151						
1949	4,699,978	854,555	192,871	5,747,404	91,233	5,838,637						
1950	4,947,084	786,561	201,282	5,934,927	81,831	6,016,758						
1951	5,443,822	763,197	214,836	6,421,855	81,387	6,503,242						
1952	5,993,218	838,833	230,224	7,062,275	83,927	7,146,202						
1953	6,807,265	816,410	237,844	7,861,519	84,618	7,946,137						
1954	6,713,887	832,240	169,187	7,715,314	91,656	7,806,970						
1955	7,033,136	1,069,502	174,635	8,277,273	104,684	8,381,957						
1956	7,344,874	753,276	229,367	8,327,517	108,480	8,435,997						
Bridge, tunnel and ferry companies												
1939	2,253,216	635,181	140,531	3,028,928	38,316	3,067,244						
1945	2,941,658	1,316,269	139,510	4,397,437	130,326	4,527,763						
1949	4,950,764	1,252,517	204,305	6,407,586	178,078	6,585,664						
1950	5,216,402	1,158,466	219,869	6,594,737	174,935	6,769,672						
1951	5,727,619	1,214,965	226,561	7,169,165	193,325	7,362,490						
1952	6,327,913	1,275,709	245,605	7,849,227	194,147	8,043,374						
1953	7,257,927	1,272,090	263,886	8,793,903	208,110	9,002,013						
1954	7,249,505	1,260,648	171,014	8,681,167	196,035	8,877,202						
1955	7,645,650	1,545,736	176,104	9,367,490	217,051	9,584,541						
1956	7,977,173	1,203,453	230,355	9,410,981	185,378	9,596,359						

TABLE 7. Traffic — Concluded

Year	Motor vehicles					Other vehicles	Total vehicles	Pedestrians	Passengers other than drivers of vehicles ²
	Passenger	Commercial (trucks)	Buses ¹	Motor cycles	Total				
	No.	No.	No.	No.	No.	No.	No.	No.	No.
Bridge and tunnel companies									
1939	6,336,927	131,538	269,405	441	6,738,311	1,576	6,739,887	2	16,339,776
1945	6,119,802	191,441	382,829	1,238	6,695,310	6,734	6,702,044	2	21,422,104
1949	10,826,635	297,921	348,765	13,466	11,486,787	13,391	11,500,178	2	26,874,066
1950	11,388,173	346,455	325,264	11,588	12,071,480	8,788	12,080,268	2	25,821,800
1951	12,594,898	404,626	319,668	10,355	13,329,547	9,727	13,339,274	2	27,295,239
1952	13,253,600	484,662	326,504	8,799	14,073,565	8,615	14,082,180	2	28,370,647
1953	14,538,175	605,709	318,758	7,266	15,469,908	9,340	15,479,248	2	29,483,973
1954	14,434,414	621,607	305,531	4,669	15,368,221	9,444	15,375,665	2	29,175,105
1955	15,263,965	729,488	278,409	4,152	16,276,014	19,068	16,295,082	964,940	28,922,362
1956	16,023,041	830,292	104,815	3,892	16,962,040	17,312	16,979,352	1,083,436	25,153,720
Bridge, tunnel and ferry companies									
1939	6,898,237	166,263	269,434	441	7,334,375	1,576	7,335,951	2	18,782,102
1945	6,333,803	197,207	382,835	1,238	6,915,083	6,734	6,921,817	2	23,584,737
1949	11,206,994	303,331	348,837	13,674	11,872,836	13,473	11,886,309	2	29,465,936
1950	11,796,929	351,743	325,326	11,697	12,485,695	8,808	12,494,503	2	28,157,538
1951	13,049,395	408,762	319,756	10,371	13,788,284	9,776	13,798,060	2	29,868,806
1952	13,756,449	487,963	326,581	9,148	14,580,141	8,645	14,588,786	2	30,970,617
1953	15,102,028	611,452	318,808	7,476	16,039,764	9,386	16,049,150	2	32,227,120
1954	14,975,595	626,567	305,581	4,819	15,912,562	9,468	15,922,030	2	31,678,365
1955	15,876,921	736,035	278,449	4,336	16,895,741	19,083	16,914,824	2,414,188	30,034,994
1956	16,653,523	839,625	104,860	4,108	17,602,116	17,347	17,619,463	2,187,595	26,318,282

1. Includes tunnel company buses.

2. No breakdown available between Pedestrians and Passengers for years 1939-1954 — all included under "Passengers other than drivers of vehicles".

TABLE 8. Financial Statement, 1956-1955

	Ferry companies		Bridge and tunnel companies		Bridge, tunnel and ferry companies	
	1956	1955	1956	1955	1956	1955
Investment:	\$	\$	\$	\$	\$	\$
Total investment	1,766,492	1,674,572	34,594,436	33,740,837	36,360,928	35,415,409
Capital:						
Capital stock	404,250	258,720	4,977,932	4,862,916	5,382,182	5,121,636
Funded debt	84,700	267,900	3,696,000	4,611,500	3,760,700	4,879,400
Total capital	488,950	526,620	8,673,932	9,474,416	9,162,882	10,001,036
Revenues:						
Transportation	1,083,464	1,090,217	8,327,517	8,277,273	9,410,981	9,367,490
Other	76,898	112,367	108,480	104,684	185,378	217,051
Total	1,160,362	1,202,584	8,435,997	8,381,957	9,596,359	9,584,541
Expenses:						
Maintenance	286,771	322,964	1,051,236	827,788	1,338,007	1,150,752
Operation	399,916	390,676	1,502,107	1,439,481	1,902,025	1,830,157
Traffic	42,886	43,520	286,251	261,892	329,137	305,212
General	110,162	118,885	645,343	589,078	755,505	707,963
Total	839,737	876,045	3,484,937	3,118,039	4,324,674	3,994,084
Net operating revenues	320,625	326,539	4,951,060	5,263,918	5,271,685	5,590,457
Additions to income	17,416	13,209	57,263	83,085	74,679	96,294
Gross income	338,041	339,748	5,008,323	5,347,003	5,346,364	5,686,751
Deductions from income:						
Taxes	122,738	117,974	1,826,213	1,697,013	1,948,951	1,814,987
Interest	6,835	11,996	62,070	110,094	68,905	122,090
Other deductions	11,904	11,981	27,503	55,740	39,407	67,721
Total deductions	141,477	141,951	1,915,786	1,862,847	2,057,263	2,004,798
Net income	196,564	197,797	3,092,537	3,484,156	3,289,101	3,681,953
Dividends and reserves	50,287	45,250	1,299,486	949,921	1,349,773	995,171
Balance to profit and loss	146,277	152,547	1,793,051	2,534,235	1,939,328	2,686,782

TABLE 9A. Employees, Salaries and Wages, 1956

	Ferry companies				Bridge and tunnel companies				Bridge, tunnel and ferry companies			
	Part-time		Full-time		Part-time		Full-time		Part-time		Full-time	
	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages
		\$		\$		\$		\$		\$		\$
General officers	5	11,276	3	55,950	4	31,500	19	141,883	9	42,776	27	197,833
Supervisory staff.....	7	18,634	1	6,450	1	1,363	24	113,127	8	19,997	25	119,577
Office staff	12	3,497	11	12,991	3	3,560	23	103,606	15	7,057	34	116,599
Operating staff	76	94,893	81	237,812	70	54,635	239	918,072	146	149,728	320	1,155,884
Maintenance staff	-	-	6	13,302	14	12,981	128	445,514	14	12,961	134	458,816
Others	-	-	-	-	7	11,990	-	-	7	11,990	-	-
Total	100	128,300	107	326,505	99	116,229	433	1,722,204	199	244,529	540	2,048,709

TABLE 9B. Employees, Salaries and Wages, 1955

	Ferry companies				Bridge and tunnel companies				Bridge, tunnel and ferry companies			
	Part-time		Full-time		Part-time		Full-time		Part-time		Full-time	
	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages	No.	Salaries and wages
		\$		\$		\$		\$		\$		\$
General officers	5	12,376	10	70,650	4	25,900	18	137,783	9	38,276	28	208,433
Supervisory staff	7	17,786	1	5,700	1	1,085	18	85,471	8	18,871	19	91,171
Office staff	11	3,819	11	19,004	1	1,560	23	92,322	12	5,379	34	111,326
Operating staff	89	75,117	69	194,305	57	40,267	236	881,373	146	115,384	305	1,075,678
Maintenance staff	1	126	5	11,115	8	1,600	126	488,987	9	1,726	131	500,102
Others	1	120	12	34,979	-	-	-	4,744	1	120	12	39,723
Total	114	109,344	108	335,753	71	70,412	421	1,690,680	185	179,756	529	2,026,433

TABLE 10. Accidents

		1956		1955	
		Killed	Injured	Killed	Injured
Drivers		-	4	-	5
Passengers		1	23	-	19
Pedestrians		-	-	-	4
Employees		1	9	-	13
Others		-	-	-	1
Total		2	36	-	42
Number of Suicides		-	-	3	-
Number of attempted suicides		-	-	-	1

List of Reporting Firms and Their Locations

Company	Type	Location	Termini
Cornwall International Bridge Co. Ltd. (Roosevelt Bridge).....	Bridge	St. Lawrence River	Cornwal, Ont. - Roosevelttown, N.Y.
The Prescott and Ogdensburg Ferry Co. Ltd.	Ferry	St. Lawrence River	Prescott, Ont. - Ogdensburg, N.Y.
Thousand Islands Bridge Authority (Ivy Lea Bridge).....	Bridge	St. Lawrence River	Ivy Lea, Ont. - Collins Landing, N.Y.
Horne's Ferry	Ferry	St. Lawrence River	Wolfe Island, Ont. - Cape Vincent, N.Y.
Pierce Marine Corporation	Ferry	Niagara River	Niagara-on-the-Lake, Ont. - Youngstown, N.Y.
The Lewiston-Queenston Bridge Inc.	Bridge	Niagara River	Queenston, Ont. - Lewiston, N.Y.
Niagara Lower Arch Bridge Co. Ltd. (Whirlpool Rapids Bridge)....	Bridge	Niagara River	Niagara Falls, Ont. - Niagara Falls, N.Y.
Niagara Falls Bridge Commission (Rainbow Bridge)	Bridge	Niagara River	Niagara Falls, Ont. - Niagara Falls, N.Y.
Buffalo and Fort Erie Public Bridge Authority	Bridge	Niagara River	Fort Erie, Ont. - Buffalo, N.Y.
Crystal Beach Transit Co. Inc.	Ferry	Lake Erie.....	Crystal Beach, Ont. - Buffalo, N.Y.
Detroit International Bridge Co. (Ambassador Bridge)	Bridge	Detroit River	Windsor, Ont. - Detroit Mich.
Detroit and Canada Tunnel Corporation	Tunnel	Detroit River	Windsor, Ont. - Detroit, Mich.
Walpole Island and Algonac Ferry Line	Ferry	St. Clair River	Walpole Island, Ont. - Algonac, Mich.
Port Lambton-Roberts' Landing Ferry	Ferry	St. Clair River	Port Lambton, Ont. - Roberts' Landing, Mich.
Blue Water Ferry	Ferry	St. Clair River	Sombra, Ont. - Marine City, Mich.
St. Clair - Courtright Ferry Company	Ferry	St. Clair River.....	Courtright, Ont. - St. Clair, Mich.
Blue Water Ferry Co. Inc.	Ferry	St. Clair River	Sarnia, Ont. - Port Huron, Mich.
State Bridge Commission of Michigan (Blue Water Bridge)	Bridge	St. Clair River.....	Point Edward, Ont. - Port Huron, Mich.
The International Transit Co. Ltd.	Ferry	St. Mary's River	Sault Ste Marie, Ont. - Sault Ste Marie, Mich.
International Bridge & Terminal Co.	Bridge	Rainy River	Fort Frances, Ont. - International Falls, Minn.
Rainy River Ferry Service.....	Ferry	Rainy River	Rainy River, Ont. - Baudette Minn.
Washington State Ferries	Ferry	Strait of Georgia	Sidney, B.C. - Anacortes, Wash.

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