

**FINDING AID:** 52-52

**RECORD GROUP:** RG 52 - St. Lawrence Seaway Authority

**SERIES:** 2-2-1 - Head Office, Secretariat, Reference Library, Miscellaneous Records

**ACCESSION/BOX:** 1996-97/1057 - boxes 1-10

**DESCRIPTION:** The finding aid is a file list indicating box number, file number, file title and outside dates.

**INSTRUCTIONS:** The following information is required to order a box:

RG No. :  
Accession No. :  
Box No. :

**DATE:** October 1997



52-52

Photographs - Library at Head Office, Ottawa.

FA  
52-52

Box 4



Book 1: album of 36 b/w photos of construction work on Contract No. 24 (St.Lambert Lock), 1955 - 1956. Photos by Hans van der Aa, Montreal.

Book 2: album of 33 b/w photos of construction work on Contract No.24 (St.Lambert Lock), 1955-1956. Photos by Hans van der Aa, Montreal.

Book 3: album of 53 b/w photos of construction work on Contract No.24 (St.Lambert Lock), 1955-1956. Photos by Capital Press, Ottawa; Hans van der Aa, Montreal.

Book 4: album of 56 b/w photos of construction work on Contract No.24 (St.Lambert Lock), 1957. Photos by Hans van der Aa, Montreal.

Book 5: album of 44 b/w photos of construction work on Contract No.24 (St.Lambert Lock), 1957-1958. Photos by Hans van der Aa, Montreal.

Book 6: album of 49 b/w photos of construction work on Contract No.24 (St.Lambert Lock), 1957. Photos by Hans van der Aa, Montreal.

Book 7: album of 49 b/w photos of construction work on Contract No.24 (St.Lambert Lock), 1957. Photos by Hans van der Aa, Montreal.

Book 8: album of 51 b/w photos of construction work on Contract No.24 (St.lambert Lock), 1958. Photos by Hans van der Aa, Montreal.

Album titled "Photos-Deepening" containing 210 b/w photos of construction work on Contracts Nos 26, 27 and 49 (Welland Canal), 1955-1959. Photos by unknown photographers.

ALL TRANSFERRED TO VISUAL AND SOUND ARCHIVES

BOX 5



Untitled album, containing 26 b/w photos plus 1 colour photo, of the official opening ceremonies of the St.Lawrence Seaway on 26 June 1959. Photos by Capital Press, Ottawa; Malak, Ottawa; Hans van der Aa, Montreal; Smith's Photo Service, Morrisburg; New Press, Montreal; National Film Board, Ottawa; Montreal Gazette.

Untitled album containing 25 b/w photos, mostly views of the St. Lawrence Seaway



BOX 5

(St.Lambert, Cote Ste. Catherine, Beauharnois, Iroquois Locks), 1962. Photos by: National Film Board, Ottawa; Andre Sima, Montreal; Canada Wide, Montreal; La Presse, Montreal; Capital Press, Ottawa.

Untitled album containing 26 b/w photos of the St.Lawrence Seaway (aerial views of locks and ground-level views of ships in locks), 1966. Photos by: National Film Board, Ottawa; Hans van der Aa, Montreal.

Untitled album containing 36 b/w photos of the St.Lawrence Seaway (aerial views of locks and ground-level views of ships in locks), 1958-1972. Photos by: National Film Board, Ottawa; Hans van der Aa, Montreal.

Untitled album containing 13 b/w photos of ice damage to St.Lawrence Seaway locks, 1961(?). Photos by: Andre Sima, Montreal; Newton, Ottawa; unknown photographers.

Untitled album of 21 b/w photos of the St.Lawrence Seaway (engineers and parties of VIPs touring the Seaway; ice conditions in Seaway locks), 196--1964. Photos by: Capital Press, Ottawa; Canada Pictures Ltd., Montreal; Hans van der Aa, Montreal.

Untitled album containing 41 b/w photos plus 16 colour postcards, of the St.Lawrence Seaway. Photos by: National Film Board, Ottawa; Andre Sima, Montreal; St.Lawrence Sun; Capital Press, Ottawa.

ALL  
TRANSFERRED  
TO  
VISUAL AND  
SOUND  
ARCHIVES

②



CONSTRUCTION REPORTS:

Each includes text plus black and white photos and related project plans  
Reports - held formerly as part of the Construction Branch Library (stamp inside)  
- detailed description of the work carried out under the applicable contract, with photos showing the progress of the work as it was being accomplished.

Box 6

Contract 429  
Welland Canal Twinning Project  
Concrete

Contract 479  
Modification to Lower End of Lock 2  
Welland Twinning Project

Contract 500  
Welland Canal Improvement and Modernization Project  
Modification and Reconstruction  
Lower West Approach - Existing Lock No. 1

Contract 512  
Welland Canal Twinning Project  
Modifications of Lower End of Lock 1

Contract Nos. 574, 584, 585  
Welland Canal Twinning Project  
Tie-Up Walls

Contract 626  
Relocation of Fender No. 1 at Lock No. 7,  
Welland Canal Improvement and Twinning Project

Contract 659  
Upper and Lower West Approach Walls - Lock 8  
SLSA Welland Canal Modernization and Improvement Project  
October 1967  
St. Catherines

Contract 665  
Modification to Hydraulic System Locks 3 and 7

3



Contract 673  
Modification at Existing Lock 8

Contract 675  
SLSA Construction Branch,  
Welland Canal  
Supply and Placing of Armour Rock for Protection of the Disposal Area,  
Port Weller  
Oct. 1967, St. Catherines, Ontario

Contract 693  
Demolition of North End of Wharf 10  
Welland Centre Wharf, Welland  
Canal - Western Region

Contract 708  
SLSA Construction Branch  
Welland Project  
Supply Fabrication and Erection of a Ship Deflector Structure  
Bridge No. 3

Contract 12-712  
Installation of Bullnose Fendering  
Lock 4 West, Welland Canal  
Sept. 1967

Contract 713  
Laboratory Investigations and Construction  
Control of Soil Cement, Slope Protection  
Seaway, Welland Project, Realignment Port Robinson to Ramey's Bend

Contract 726  
Preliminary Report on Excavation for Channel Relocation,  
Stn 348+70 to Stn 385+70  
May 19, 1967 to Dec. 31, 1967,  
Prepared by Construction Branch - Jan. 24/68

Contract 727  
Welland Canal Improvement and Twinning Project  
Road Maintenance and Snow Removal  
East Side Haulage Road  
Section 1-7





Contract 12-743  
Excavation of Channel, Station 52+26.5 to Station 96+20  
Realignment, Port Robinson to Ramey's Bend  
Seaway, Welland Project  
1967-69  
February 1970

Contract 768  
Construction of Control Building on Existing Control Building and  
Modification to Pumphouse, Lock 8,  
Welland Canal, Seaway, Welland Project  
Modernization and Improvement  
November, 1967, St. Catherines

Contract 773  
SLSA Construction Branch - Eastern Division  
Construction of By-Pass Culvert  
St. Lambert Lock  
Seaway-Eastern Region  
(photocopy of photos only)

Contract 783  
Excavation of Channel Stn 96+20 to Stn 144+00  
Seaway, Welland - Realignment  
Port Robinson to Ramey's Bend  
January 1972

Contract 793  
SLSA Construction Branch  
Eastern Region  
Installation of Bollards and Guard Rail  
Iroquois Lock  
1967

Contract 12-797  
Excavation for Channel  
Relocation, Stn 144+00 to Stn 194+00, Seaway,  
Welland Project, Realignment -  
Port Robinson to Ramey's Bend  
1968-1970  
(January, 1971)

(Includes related plans: F-2085; 35011; 35024; 26859)



Contract 807  
Excavation of Channel Relocation,  
Stn 0+00 to Stn 52+26.5 and Construction of Welland River Syphon  
Culvert, Seaway, Welland Project, Realignment, Port Robinson to Ramey's Bend

BOX 7

Contract 812,  
Centralized Lock Control  
Lock 7  
and Improvements to Electrical System  
October 1968

Contract 833  
Fabrication and Erection Lock Navigation Signs  
Lock 3 and 4  
Beauharnois, Seaway, Eastern Region

Contract 857  
Correction and Stabilization  
East Side of Bank, Weir Channel, Lock 8,  
Seaway Western Region,  
September 1968

Contract 863  
Excavation for Channel Relocation between Port Robinson and Ramey's  
Bend, Interim Construction Report  
July 1968-April 1969

Contract 894  
Demolition of Old Seed Cleaning Plant  
Gravelly Bay, Port Colborne, Ontario  
1969

Contract 898  
Rehabilitation of Grating and Structural Steel  
Supports, Pumphouse, Lock 8,  
Seaway, Western Region,  
(ORIGINAL) - January 1969

Contract 12-1020  
Drainage Facilities, Stn 62+00 to Stn 328+00  
Seaway, Welland Project,  
Realignment Port Robinson to Ramey's Bend  
October 1971



Contract 12-1038  
Construction of a Grade Separation Structure for Oxford Road  
at the Relocated Penn Central Railway Line,  
Seaway, Welland Project,  
Realignment, Port Robinson to Ramey's Bend  
1970-71

Contract 12-1076  
Upgrading of Morris and McKenney  
Roads Between Ontario and Netherby Roads,  
Seaway, Welland Project, Realignment  
Port Robinson to Ramey's Bend  
1971

6  
Contract 12-10~~7~~8  
Preloading of the Welland Dockage Area,  
Seaway, Welland Project,  
Realignment, Port Robinson to Ramey's Bend  
1971

Contract 12-1104  
City of Welland Lock  
Seaway, Welland Project,  
Realignment, Port Robinson to Ramey's Bend,  
1972

Contract 12-1186  
Construction of a Crossing of the Feeder Canal in the Township  
of Wainfleet  
Seaway, Welland Project, Realignment,  
Port Robinson to Ramey's Bend

Report on Coring of Locks 5 West, 5 East  
January - March 1969

CONTRACT 530  
WELLAND CANAL  
TWINNING PROJECT  
- LOWER END OF LOCK I

7





Box 2

PHOTOGRAPHS:

TRANSFERRED  
TO VISUAL  
& SOUND  
ARCHIVES

- . 4 matted black and white photographs (8 x 10) of the two silver presentation pieces that were presented to Her Royal Highness, Queen Elizabeth II and President Dwight D. Eisenhower on the occasion of the Official Opening of the St. Lawrence Seaway June 26, 1959.

Box 2

PRESENTATION ITEMS:



- . Hardcover copy of list of all persons who were involved with constructing the St. Lawrence Seaway, along with a commemorative page for those employees who lost their lives during the construction phase.  
Entitled: "The St. Lawrence Seaway - In Commemoration of the People of the Two Nations Who Worked Together to Build the St. Lawrence Seaway"  
Official copy of item presented to Her Majesty Queen Elisabeth II.

TRANSFERRED  
TO VISUAL  
& SOUND  
ARCHIVES

- . 'To Retired Employees' - Official St. Lawrence Seaway Authority 25th Anniversary commemorative first day of issue postal cover and certificate with covering memo from W.A. O'Neil, President
- . Invitation to attend the 150th Anniversary of the Welland Canal and the 20th Anniversary of The St. Lawrence Seaway Authority (ceremony held at Seaway Regional Headquarters - St. Catherines - September 7, 1979).
- . Programme - "Official Opening of The St. Lawrence Seaway - June 20, 1959, St. Lambert, Canada"  
(English and French language versions).

Box 9

MAPS/REPORTS:

TRANSFERRED  
TO VISUAL  
& SOUND  
ARCHIVES

- . 'Maps Report and Estimates Relative to Improvements of the Navigation of the River St. Lawrence and a Proposed Canal Connecting the River St. Lawrence and Lake Champlain - Laid Before the Legislative Assembly During the 2nd Session, 5th Parliament, 1856 Report of the Chief commissioner of Public Works; Toronto, Printed by John Lovell, Corner of Yonge and Melinda Streets - 1856 (Includes hand-coloured surveys).

Box 10

- . Detailed Drawings of St. Mary's Falls Canal and Locks, Michigan, U.S.A.

Made Under the Direction of  
Lieut. Col. Godfrey Weitzel, Major F.U. Farquhar and  
Lieut.- Col. O.M. Poe, Corps of Engineers, U.S. Army - by W.C. Sauer 1882-3-4; N. Peters,  
Photo-lithographer, Washington, D.C.

TRANSFERRED  
TO VISUAL  
& SOUND  
ARCHIVES



Box 8

TRANSFER  
TO  
VISUAL  
& SOUND  
ARCHIVES

. Canal Lachine - Tome I - Navigation  
Tome II - Other Functions

. Prepared by Jean-Claude La Haye et Associes, Planning Consultants  
Study of the utilization of the Lachine Canal and retaining it as a navigable waterway;  
numerous maps)

. St. Lawrence Waterway Pavilion - Expo '67 - Carl Mangold Limited  
(Includes colour photos of the pavilion)

Box 3

Original Correspondence (Department of Transport Files)

. DOT - St. Lawrence Waterway, Lachine Section, Board of Engineers 1947, Records of Meetings, C.W. West (Board Member) Sept. 1947 - October 1948. (File references: 12812-W" F", Records 4812-26). (Project for Improvement of Navigation/Profile of Proposed Canal - General Engineering Branch, DOT, Ottawa) (from Secretary of the St. Lawrence Waterway, Lachine Section, Board of Engineers

. Memo to Deputy Minister from G.A. Lindsay Engineer in Charge - General Engineering Branch, DOT, with copy Jan. 5, 1948 report "St. Lawrence Deep Waterway, Lachine Section Project for Improvement for Navigation Alone - Parts I and II (re: affect on existing structures such as highways, use of vertical lift bridges, possible need for tunnels for trains and other vehicular traffic, etc.; each feature discussed (i.e. Verdun Lock, Canal Excavation, Highway changes, Canal lighting, land acquisition, etc).

. DOT Special Projects Branch, St. Lawrence Seaway - "Summarized Estimates as of Feb. 25th, 1953 - cost comparisons for 27 and 30 ft. Navigation channel depths - Welland, Iroquois, Lachine, etc. canals; dollar costs, quantity of material to be removed for each canal)

. DOT Special Projects Branch, St. Lawrence Seaway - International Rapids Section Cornwall Canal - Scheme 8 (Estimate of cost and plans for the construction of works to provide continuation of 14 ft. Navigation, and which are designed for future enlargement for the St. Lawrence Seaway - Sept. 7, 1954, Montreal, Que. (Includes plans - 3712, 3713, 3674)

. As above - Alternate Schemes 5a, 5b, 6a and 7 - May, 1954

. DOT Special Projects Branch, St. Lawrence Seaway (Lachine Section) - Canal, Including Lock Between Station 510+20 at Ste. Catherine and Victoria Bridge - (Comparison of various schemes for positioning of canals and locks - includes plans 3549, 3600, 3601)

. "Cornwall, Ontario and The Proposed St. Lawrence Deep Waterway Project" - by the



Development Branch, Dept. Of Research and Development, Canadian National Railways Montreal, Quebec, Sept. 1953" (impact on CN and Cornwall of the proposed project; includes commentary re: railway diversion and zoning for industrial expansion with related blueprints)

Box 1

. The St. Lawrence Seaway Authority - Engineering Report of Work Completed and Status of Project as of December 31, 1954 (signed by Chief and Deputy-Chief Engineers)

. The SLSA - Confidential Report - "Welland Canal - Channel Relocation Study - Port Port Robinson to Port Colborne - November 1965" (St. Catherines, Ontario). Internal report re: fact that the navigation of vessels had become increasingly difficult due to the existing small size of the canal (too small for large ships) and its poor alignment; includes section on alternative alignments; expropriation map and proposed new alignment; railway, highway relocation plans; and under channel tunnel sections)

. SLSA - "The Welland Canal Modernization and Improvement Project - 1964-1967 (Kates, Peat, Marwick and Co. - December, 1968). (Report commissioned by The SLSA to find reasons for the extensive delays and congestion at the Welland Canal, which resulted in serious delays to shipping (i.e. in the Spring of 1964. This report resulted in the 'Immediate Improvement Project' which helped to alleviate the urgent need for the start of the Twinning Project).

Box 2

. Second Preliminary Report on the Seaway Studies Tolls Potentials and Alternatives Prepared by D. Wm. Carr and Associates Ltd., Ottawa, August 31, 1970. (Ways and means to address the inadequacy of revenue and recoverable expenditures to meet financing of the Seaway).

Box 1

. Planning Report - Decommissioning of the Existing Canal - Port Robinson to Ramey's Bend, July 1969 - Project 17-150, Engineering Branch.

. Welland Canal Study - Progress Reports - J. Kates and Associates.

Box 3

. An Economic Analysis of Improvement Alternatives to the St. Lawrence System - Final Report Submitted to U.S. Department of Transportation - Contract No. DOT-OS-A8-018 EBS Management Consultants Incorporated, Washington, D.C. Jan. 1961.

. Agreement - November 1/72 Between the St. Lawrence Seaway Authority and the Toronto Hamilton and Buffalo Railway Co. (Re: diversion of rail line due to relocation of the Welland Canal)

Box 1

. 'The Seaway Organization Manual' - April, 1978 (Issued by Personnel Department)

Box 2

. The Jacques Cartier & Champlain Bridges Incorporated Annual Report:

1980

1981

1984-85

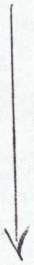


1987-88

. Progress Review, December 1956 (The St. Lawrence Seaway)

. As above - December 1957

. As above - June 1958



11



Box 1

REPORTS (Published):

- . 'La Canalisation du Richelieu' - La Federation de Commerce des Jeunes de la Province du Quebec - May, 1949
- . St. Lawrence Deep Waterway International Rapids Section - Ottawa - 1941
- . Report on the Welland Ship Canal - June 30, 1915 (Ottawa, 1916)
- . Welland Channel Relocation - June 9/67 - SLSA publication
- . DOT Tent Canal System - 1951 - Improved Natural Waterway Connecting Lake Ontario and Georgian Bay, Ottawa, 1951.
- . St. Lawrence Deep Waterway Treaty - Washington - July 18, 1932
- . Report of Chicnecto Canal Commission - Ottawa, 1939
- . Chambly Canal - 100 Years of Service 1843 - 1943 - Chambly, Quebec.
- . Department of Railways and Canals - Welland Ship Canal 1934 (Ottawa, 1935)
- . The Canals of Canada Under the Jurisdiction of the Department of Transport 1946 (Ottawa)
- . As above - 1953
- . American Society of Civil Engineers, New York - The Welland Canal - by Wm. O'Neill Reprint - 1959
- . Correspondence and Documents Relating to The Great Lakes - St. Lawrence Basin Development 1938-41 (Ottawa, 1941)
- . History of Canals and Related Subjects, Department of Transport - General Engineering Branch - 1949
- . St. Lawrence Seaway Authority Study - David Beevis, Defence and Civil Institute of Environmental Medicine, Defence Research Board, Canada, Report No. 85
- . Final Report of the St. Lawrence River Joint Board of Engineers of Canada and the United States - 4 Oct. 1963
- . The St. Lawrence Seaway - Published by the SLSA - Sept. 1955 (with maps) (Ottawa, 1955)



Box 1

- . Application of the Government of Canada to the International Joint Commission For An Order of Approval of the Construction of Certain Works for Development of Power in the International Rapids Section of the St. Lawrence River, Canada - 1952.
- . Return of the Recent Survey and Report of the Engineers of the Ottawa Ship Canal - Quebec, 1860
- . Report of the Chief Engineer of Public Works on the Enlargement of The Welland Canal - Ottawa, 1872
- . As above .... on the Navigation of the River St. Lawrence Between Lake Ontario and Montreal Ottawa, 1875
- . Report to the Hon. J.H. Pope, Acting Minister, Department of Railways and Canals on the Necessity of Deepening the Welland Canal and on Transportation, Commerce and Canal Tolls Affecting the St. Lawrence Water Route to the Sea-Board - by R.C. Douglas, Assistant Engineer, Department of Railways and Canals, Ottawa, 1884.
- . Beauharnois - Wood, Gundy & Co. Ltd. - 1929
- . The Beauharnois Inquiry - The Evening Telegram
- . Estimate of Maximum Freight Tonnage Capacity of Welland Ship Canal on Completion of Deep Waterway - Department of Transport - Ottawa, 1948
- . Rehabilitation of the St. Lawrence Communities - Norman d. Wilson, 1943 (Townships of Matilda and Williamsburg)
- . St. Lawrence Waterway Project - Regulation of Outflows and Levels of Lake Ontario - Method No. 5 - Department of Transport - Special Projects Branch - 1952.
- . Report of the 1947 Board of Engineers on Lachine Section of the St. Lawrence Waterway - Ottawa, Oct. 1946
- . As above - French language version
- . Canalisation du Systeme des Grands Lacs et du Saint-Laurent - Department of Transport - Ottawa, 1949.
- . The St. Lawrence Seaway Project (Report) - Niagara Frontier Planning Board, 1940
- . St. Lawrence Waterway Project - Report of Joint Board of Engineers (Reconvened) on the International Section (with Appendix and plates) - April 1932 (Ottawa. 1932)



BOX 1

- . Report of Conference of Canadian Engineers on the International Rapids Section of the St. Lawrence River (with Appendix) - December 1929 (Ottawa, 1930)
- . The Welland Ship Canal (The Opening of the Welland Ship Canal) - Published by Authority Of the Hon. Dr. R.J. Manion, M.P., Minister of Railways and Canals.
- . Great Lakes - St. Lawrence Deep Waterway (Ottawa, Ontario) - General Engineering Branch Department of Transport, June, 1949 - G.A. Lindsay Engineer-in-Charge (description of Sections and suggested improvement - e.g. Welland Ship Canal; the St. Lawrence River; Thousand Islands Section; International Rapids Section, etc.).
- . As above - French language version
- . The St. Lawrence Seaway Under Construction (2nd booklet published by Authority - Progress Report to March 1957)
- . As above - French language version
- . The St. Lawrence Seaway - A Series of Maps of the Seaway with Commentary by The Hon. Lionel Chevrier, President, The St. Lawrence Seaway Authority, Sept. 1, 1955
- . As above - French language version

BOX 2

- . General Report of the Commissioner of Public Works for the Year ending 30th June 1867
- . Report of the Joint Board of Engineers on St. Lawrence Waterway Project with Appendices (November 16, 1926, Ottawa, F.A. Acland Printer) (Note: Board was appointed by the Governments of the United States and Canada - mandate - 'the improvement of the St. Lawrence River between Lake Ontario and Montrea'l).
- Plus - Plates to Accompany Appendix
- . The Champlain Bridge - National Harbour Board publication - 1962
- . The Welland Ship Canal Between Lake Ontario and Lake Erie - 1913-1932 (Reprint of Articles appearing in 'Engineering' during the years 1929, 1930, 1931; Department of Railways and Canals (Reproduced by The St. Lawrence Seaway Authority - March, 1989).

BOX 1

- . International Joint Commission - Richelieu River Remedial Works - Ottawa-Washington, 1937 Ottawa 1937.



Box 1



Report to Quebec Hydro-Electric Commission by Silas Woodard, Consulting Engineer on Combined Power and Navigation Project in Lachine Section - St. Lawrence River - September 20, 1948.

Box 2



Planning and Constructing the Lachine Section of the St. Lawrence Seaway (Reprint from The Engineering Journal, September 1958).

15