

HISTORIC AMERICAN ENGINEERING RECORD

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INTERNATIONAL RAILWAY BRIDGE

HAER NY-549

Spanning the Niagara River

Buffalo

Erie County

New York

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Jet Lowe, photographer, 1992

- NY-549-1 Main crossing of Niagara River between Fort Erie, Canada, and Squaw Island, New York, consisting of seven Pratt through-truss spans and one through-truss swing span (fixed since the 1940s). View looking northeast from Canada shows upriver side. Note wedges on stone piers to break up ice floes, and the Niagara Parkway under the bridge in foreground.
- NY-549-2 Main channel swing span, looking northwest at upriver side. Each side is a Pratt through truss. Span was fixed in place during World War II, and its machinery later removed.
- NY-549-3 Canadian portal, looking east northeast toward Squaw Island and Buffalo, New York. Note name of bridge on portal strut.
- NY-549-4 Squaw Island portal of main crossing, looking west southwest toward Fort Erie, Canada.
- NY-549-5 Oblique view of Squaw Island portal of main crossing and stone abutment, looking northwest.
- NY-549-6 Slightly different view of HAER NY-549-5.
- NY-549-7 Harbor Draw swing span crossing Black Rock Channel between Buffalo mainland and Squaw Island, New York, in closed position, looking north northeast toward Buffalo. The far half of the span crosses over the Niagara Thruway (I-190) when closed.

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- NY-549-8 Harbor Draw swing span crossing Black Rock Channel between Buffalo mainland and Squaw Island, New York, in open position, looking northeast toward Buffalo. Note that center pier is on the mainland.
- NY-549-9 Harbor Draw swing span crossing Black Rock Channel between Buffalo mainland and Squaw Island, New York, in open position, looking northeast toward Buffalo. Note bow of approaching ship at right.
- NY-549-10 Harbor Draw swing span crossing Black Rock Channel between Buffalo mainland and Squaw Island, New York, in open position for passage of tanker M.V. *Enerchem Avance*, sailing downriver toward Black Rock Lock, looking northeast toward Buffalo.
- NY-549-11 Harbor Draw swing span crossing Black Rock Channel between Buffalo mainland and Squaw Island, New York, closing after the passage of tanker M.V. *Enerchem Avance*, looking northeast toward Buffalo.

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Jet Lowe, photographer, 1992

- NY-549-12 (CT) Same view as NY-549-3 of Canadian portal, looking east northeast.