NPS Form 10-900-a (8-86) OMB Approval No. 1024-0018

United States Department of the Interior National Park Service

New York State Barge Canal Historic District

Albany, Cayuga, Erie, Herkimer, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Orleans, Oswego, Rensselaer, Saratoga, Schenectady, Seneca, Washington, and Wayne Counties, New York

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Name of Photographer:	Duncan E. Hay	

Name of Photographer: Duncan E. Hay Date of Photographs: 2008-14

Location of Original Digital Files: NPS/NER/BOSO, 15 State Street, Boston, MA 02109;

New York State Historic Preservation Office, Waterford, NY

Channel Sections

- 0001. Erie Canal land-cut section at Allens Bridge Road, town of Albion, Orleans County (August 2013)
- 0002. Erie Canal, Fairport, Monroe County view looking west from Parker Street bridge toward Main Street lift bridge (September 2010)
- 0003. Erie Canal, Deep Cut west of Lockport, Niagara County 1825 towpath on grass covered ledge (October 2008)
- 0004. Erie Canal, Oak Orchard Creek Aqueduct, Medina, Orleans County (July 2009)

Locks

- 0005. Erie Canal Lock E2, Waterford, Saratoga County Eastern gateway to the Erie Canal and the Waterford Flight. Three stone lock chambers of the old Champlain Canal's Waterford Side Cut, on right, serve as a bypass spillway. (July 2013)
- 0006. Erie Canal Lock E14, Palatine Bridge, Montgomery County Lock adjacent to Mohawk River movable dam. Note gasoline-electric powerhouse on raised bank and concrete "cabins" at corners of lock to protect electrical machinery from floods. (October 2012)

Mohawk River Movable Dams

- 0007. Erie Canal Movable Dam, Lock E14, Palatine Bridge, Montgomery County Uprights and gates lowered during navigation season to form pool above the lock (September 2011)
- 0008. Erie Canal Movable Dam, Lock E14, Palatine Bridge, Montgomery County Gates and uprights raised during winter to pass floodwater, ice, and debris. (April 2012)
- 0009. Erie Canal Lock E9, Rotterdam, Schenectady County Downstream view of movable dam gate panels, uprights, hoisting chains, and electric "mule" (October 2012)

Lock E17, Little Falls

0010.	Erie Canal Lock E17, Little Falls, Herkimer County – View from downstream. E17 has a 40.5' lift, the
	highest on the system and the highest in the world at the time of construction. (September 2012)
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0011. Erie Canal Lock E17, Little Falls, Herkimer County - View from inside chamber. E17 is the only shaft lock on the system, with a vertically sliding downstream gate rather than the usual pair of swinging mitre gates. (October 2013)
Locks 0012. Erie Canal Lock E19, Schuyler, Herkimer County (October 2012) 0013. Erie Canal, Lock E24, Baldwinsville, Onondaga County (March 2012) 0014. Erie Canal, Lock E25 Mays Point, Seneca County (September 2012) 0015. Erie Canal, Lock E27, Lyons, Wayne County (July 2012)
 Lock Machinery 0016. Erie Canal, Lock E29, near Palmyra, Wayne County - Gate operating machinery (foreground) Valve operating machinery behind (October 2011) 0017. Erie Canal, Lock E29, Palmyra, Wayne County - Gate and Valve Control Stand (September 2012)
Lockport Flight 0018. Erie Canal, Locks E34 and E35, Lockport Flight, Lockport, Niagara County - View from downstream – Barge Canal locks on left, north staircase of the 1842 Lockport on right, former hydroelectric powerhous at center. The five stone chambers of the 1842 flight (locks 67-72) are maintained as bypass spillway. (August 2011) 0019. Erie Canal, Lock E35, Lockport Flight, Lockport, Niagara County (May 2012)
Lock Powerhouses – Hydroelectric 0020. Erie Canal, Lock E18, Jacksonburg, Herkimer County – Powerhouse exterior (October 2011) 0021. Erie Canal, Lock E18, Jacksonburg, Herkimer County – Hydroelectric generators and governors (October 2011)
<u>Lock Powerhouses – Gasoline-Electric</u> 0022. Erie Canal, Lock E15, Fort Plain, Montgomery County – Gasoline-electric generators & panel (October 2012)
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Lockhouses 0023. Erie Canal, L	ock E32, Pitt	sford, Mo	onroe County - One of the few locks to have a lockhouse before 1921

- 0023. Erie Canal, Lock E32, Pittsford, Monroe County One of the few locks to have a lockhouse before 1921 (September 2010)
- 0024. Oswego Canal, Lock O5, Minetto, Oswego County Typical lockhouse built during the late 1950s (October 2012)

Storehouses

- 0025. Champlain Canal, Lock C2, Town of Halfmoon, Saratoga County Typical windowless hip-roofed concrete storehouse with triangular ventilating dormers (October 2013)
- 0026. Erie Canal, Lock E4, Waterford, Saratoga County Storehouses at locks E4 and E6 of the Waterford flight were of similar form and dimensions as others on the system but featured windows and decorative rafter-tails. (June 2009)

Guard Gates

- 0027. Erie Canal, Bushnells Basin Guard Gate, Town of Perinton, Monroe County (October 2011)
- 0028. Erie Canal, Castle Creek Guard Gate, Indian Castle, Town of Danube, Herkimer County One leaf up, one down (October 2013)
- 0029. Champlain Canal Crocker Reef Guard Gate, Town of Fort Edward, Washington County M.V. *Day Peckinpaugh* passes with little room to spare (August 2009)

Guard Locks

0030. East Guard Lock, Genesee Crossing, Rochester, Monroe County (July 2009)

Other Movable Dam Types

- 0031. Cayuga-Seneca Canal, Taintor Gate Dam at Lock CS-4, Waterloo, Seneca County (September 2011)
- 0032. Erie Canal, Genesee Arm, Court Street Sector Dam, Rochester, Monroe County (July 2012)

Fixed Dams & Retention Dams

- 0033. Oswego Canal, Fixed Crest Dam, Lock O-5, Minetto, Oswego County (October 2012)
- 0034. Champlain Canal East Creek Retention Dam, Town of Fort Ann, Washington County (October 2013)

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Lift Bridges								
0035. Erie Canal,	Washington S	Street Lift I	Bridge, Ada	ams Basin,	Town of Og	gden, Orlea	ns County -	- down – view
from west	looking east (August 201	2)					
0036. Erie Canal,	Washington S	Street Lift I	Bridge, Ada	ams Basin,	Town of Og	gden, Orlea	ns County -	- raised

- (August 2012) 0037. Erie Canal, Main Street Lift Bridge, Albion, Orleans County – raised – view from west looking east
- (August 2013)
- 0038. Erie Canal, Main Street Lift Bridge, Albion, Orleans County detail of north lifting frame (August 2013)

Lift Bridge Control Towers

- 0039. Erie Canal, Prospect Street Lift Bridge, Median, Orleans County concrete operator's tower (August
- 0040. Erie Canal, East Avenue Lift Bridge, Holley, Orleans County wood operator's tower (September 2010)

Fixed Road Bridges

- 0041. Erie Canal, Beals Road Bridge (E-207), Town of Ridgeway, Orleans County Typical doubleintersection Warren truss over land-cut channel with reinforced concrete piers and approaches (July
- 0042. Bonta Road Bridge, Towns of Brutus and Cato, Cayuga County, spanning Seneca River portion of Erie Canal (March 2012)

Railroad Bridges

0043. New York Central – West Shore Railroad Bridge over Erie Canal, Town of Montezuma, Cayuga County (September 2012)

Pedestrian Bridges

0044. Erie Canal, Pedestrian Bridges, Genesee Valley Park, Rochester, Monroe County (September 2010)

Main Street Bridge, Lockport

- 0045. Erie Canal, Main Street Bridge, Lockport, Niagara County Three-hinge steel arch. (August 2013)
- 0046. Erie Canal, Main Street Bridge, Lockport, Niagara County "Widest Bridge in the World" from below (August 2013)

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Canal Shops & Drydocks

0047. Erie Canal, Waterford Drydock & State Shop, Waterford, Saratoga County (March 2014) 0048. Erie Canal, Pittsford Shops, Pittsford, Monroe County (August 2013)

Terminal Freighthouse

0050. Erie Canal, Little Falls Terminal and Freighthouse, Little Falls, Herkimer County (October 2011)

Misc. Structures

0050. Erie Canal, Rotterdam, Schenectady County - Concrete barges, built for U.S. Railroad Administration during World War I, scuttled above Lock E9 to form upstream approach wall extension ca. 1927. Visible during winter draw-down. (February 2012)

See continuation sheet