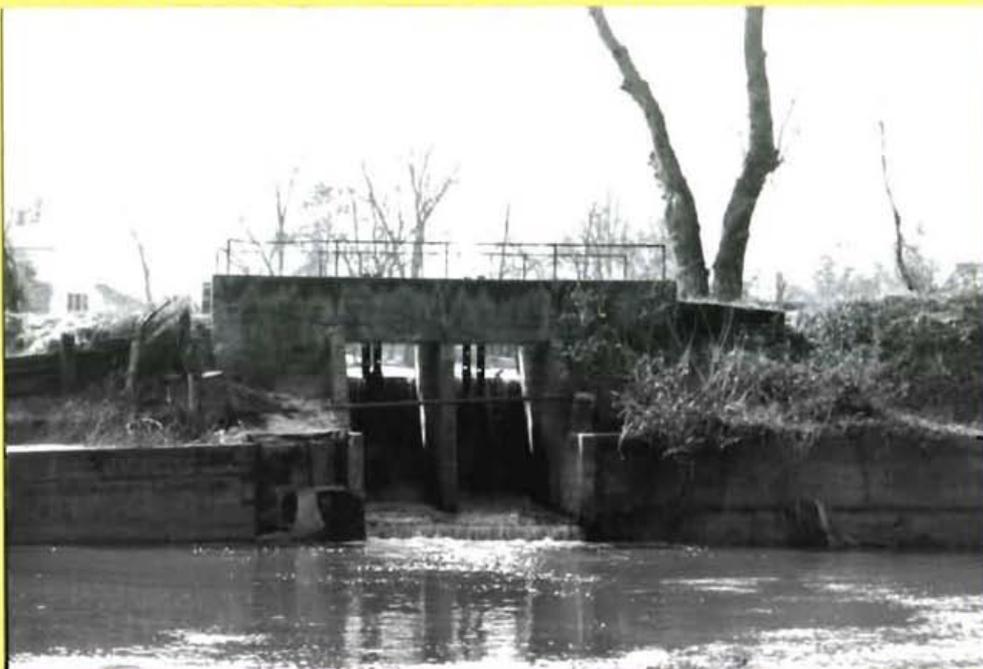


10. NAME(S) OF STRUCTURE

State Bridge Number 200

11. PHOTOS (W/ FILM ROLL & FRAME NO.) AND SKETCH MAP OF LOCATION

16A:12-20



16A:18

Mack, Warren W. "A History of Motor Highways in Delaware", in Reed, Henry Clay, Delaware: A History of the First State, vol.2, pp.535-550 (NY: Lewis Historical Publishing Co., 1947).

Delaware State Program. Delaware State Highways; The Story of Roads in Delaware.... [Newark, Delaware: Press of Kells, 1919].

Federal Writers Project. Delaware: A Guide to the First State. (New York: Viking Press, 1938).

Carter, Dick. The History of Sussex County. (Georgetown, Delaware: Community Newspaper Corp., 1976).

Hancock, Harold Bell. The History of Sussex County, Delaware. [s.l. : s.n.] 1976.

Delaware State Archives. Sussex County Road Papers, 1875-1940.

Delaware DOT: Structures Division files

Plans on file at Delaware DOT: Contract (None)

13. INVENTORIED BY:

AFFILIATION

DATE

P.A.C. Spero & Company with Kidde Consultants for Delaware DOT

April-November 1988

HABS/HAER INVENTORY

See "HABS/HAER Inventory Guidelines" before filling out this card.

1. NAME(S) OF STRUCTURE

State Bridge Number 200

2. LOCATION

U.S. 13A over Hearn's Mill Pond
Seaford, Sussex County, Delaware

3. DATE(S) OF CONSTRUCTION

1912

4. USE (ORIGINAL/CURRENT)

Vehicular

5. RATING

CF

6. CONDITION

Fair: Some scour along waterline, some cracks

State Bridge 200 comprises two 5'-4" rigid frame concrete spans for an overall length of 11'-6". The deck is 14'-10" wide. The bridge rests on concrete abutments with straight wing walls. Extensions of the abutments (flared on the west, U-shaped on the east) form a spillway; sluice gates on the west side control the flow from Hearn's Mill Pond. Timber and metal plate wing walls have been added.

Previous inventory records indicate that Bridge 200 was constructed in 1912. Construction drawings or other records do not survive.

State Bridge 200 is an example of a Sussex structure which incorporates both a bridge and a water flow control structure. It is an early, intact example of this type, as well as an early example of a concrete frame bridge. This dual-purpose type of structure was found predominantly in Kent and Sussex counties; these bridges serve as examples of creative design solutions to unusual site conditions, reflecting a specialized engineering response to the water management necessities of lower Delaware. Delaware DOT photographic archives for New Castle County bridges in the 1920s illustrated a number of examples of the type at that time. There are a few extant examples from the historic periods surveyed in the state.