

OHIO DEPARTMENT OF TRANSPORTATION
HISTORIC BRIDGE SURVEY REPORT

2/16/2011



SFN #: 4100964 County: JEFFERSON Municipality: STEUBENVILLE
NR Rec: Eligible Previous Inventory/Date: FIRST INVENTORY, 1980 Status: Select

ODOT District: 11 Owner: STATE AGENCY Lat/Long: 40.213000 / 80.364200
Location: .68 MI N OF CONRAIL RR UTM:
Feature On: MARKET STREET/WVA 2 SPUR (STEUBENVILLE BRIDGE)
Feature Intersected: SR7/RR/OHIO RIVER
Type: SUSPENSION Design:
Material: STEEL
Railing Type:
Spans: 13 Overall Length: 1794 ft. Out to Out Width: 20 ft. Roadway Width: 24 ft.
Year Built: 1905 Alteration (Date): 1981 Source: ODOT Inspection Files
Designer/Builder OHIO STEEL ERECTION CO

Setting/Context:

This bridge was built in 1905 originally to carry light rail traffic. In 1922, the top chord of the bridge failed, and David Steinman designed repairs for the toll bridge that also increased its load-bearing capacity. The bridge which had been owned the Steubenville Bridge Company was bought by the state of West Virginia in 1941, which then made repairs to the towers and replaced the deck. Approach spans cross Ohio roads, and it is the approach spans that are reported to BMS; the main span is reported through WV BMS.

Physical Description:

The main span is a suspension span with 1,200' overall length and a 600' center span. The approach spans over SR 7 on the Ohio side are Warren thru trusses.

Integrity:

Summary of Significance:

This bridge is in Ohio BMS because approach spans cross an Ohio highway; the main span is reported through WV. There has been no significant change in the bridge's status since the prior evaluation. The eligible recommendation remains appropriate. The BMS No. 4100964 in the ODOT inventory refers to the approach spans on the Ohio side of the bridge over SR 7. They are, however, historically part of the 1905 suspension bridge and are eligible in association. The suspension bridge is owned by WV and carried as eligible in WVDOT's historic bridge inventory as well as ODOT's inventory.

Reviewed By/ Date: JPH (1/08)

Notes:

The state agency that owns the bridge is West Virginia DOT. No old ODOT inventory form located.

For Eligible Bridge:

Level of Significance: Moderate

Justification:

The bridge is one of the 10 suspension bridges. The bridge type is used for both pedestrian and vehicular bridges starting with Roebling's 1856-67 Cincinnati bridge. This example is representative of its population and has a

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moderate level of significance.

In Management Plan (2009)? No