
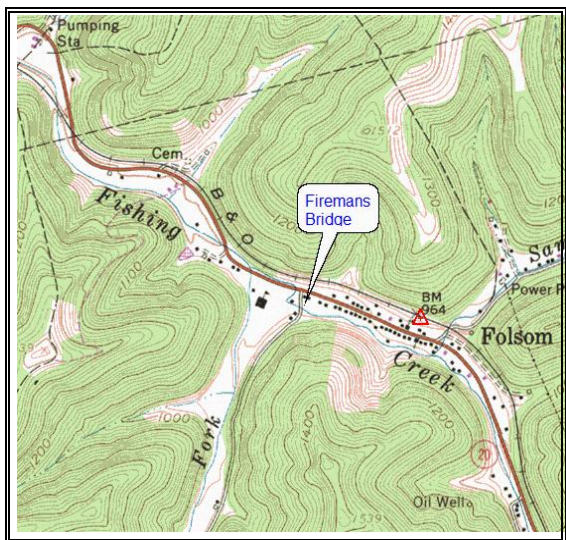


Internal Rating: _____



WEST VIRGINIA HISTORIC PROPERTY INVENTORY FORM

Street Address County Route (CR) 20/5, near its intersection with WV Route 20.	Common/Historic Name/Both <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Fireman's Bridge	Field Survey # 1	Site # (SHPO Only)
Town or Community Folsom (also known as Robinson)	County Wetzel	Negative No.	NR Listed Date
Architect/Builder Daniel Luten	Date of Construction 1917	Style (SHPO Only) Concrete Arch	
Exterior Siding / Materials Concrete	Deck Material Deck Material: Dirt gravel and deteriorated bituminous concrete	Foundation Setting Rock	
Property Use or Function Transportation Bridge	UTM Zone 17 NAD 1983 Easting 540742.00 Northing 4369241.86		
Survey Organization & Date WVDOH October 23, 2012	Quadrangle Name Folsom		
Part of What Survey / FR# Fireman's Bridge Replacement Wetzel County State Project: S352-20/5-0.00 Federal Project: NA			



Site No.

Name: Fireman's Bridge Replacement
Survey #: State Project: S352-20/5-0.00
Survey / FR#:

Present Owners WVDOH	Owners Mailing Address 1900 Kanawha Blvd. East Building 5, Room 450 Charleston, WV 25305
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Describe Setting Unknown -- <1 Acres
 Archaeological Artifacts Present

The bridge is in the unincorporated community of Folsom (also known as Robinson) located on County Route 20/5 near its intersection with WV Route 20 in Wetzel County.

Description of Buildings or Site (Original and Present) Stories Front Bays

The bridge consists of one reinforced concrete arch span supported by two stub abutments. The arch is 33'-0" long , the concrete parapet walls are 3'-01/2" high and 8" wide. There are no curbs or sidewalks.

Alterations Yes No If yes, describe

Additions Yes No If yes, describe

Describe All Outbuildings
None

Statement of Significance:
See Continuation Sheet

Bibliographical References
A Context For Common Historic Bridge Types, Prepared by Parsons Brinckerhoff and Engineering and Industrial Heritage, October 2005
KCI Technologies: Draft Historic context, WV Statewide Historic Bridge Survey, October 2006.
Folsom, West Virginia: <http://wn.wikipedia.org/wiki/Folsom>, [West Virginia](#)

Form Prepared By: **Date:** October 24, 2012

Name/Organization: Ginger Williford
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Capitol Complex
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Charleston, WV 25305

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WEST VIRGINIA HISTORIC PROPERTY FORM

CONTINUATION SHEET

Name: Fireman's Bridge Replacement
Survey Number: State Project: S352-20/5-0.00
Project / FR#: NA

The Firemans Bridge was constructed in 1917 by the Luten Bridge Company of York, PA and is located on County Route 20/5, also known as Trader Run Road. The Bridge crosses the South Fork of Fishing Creek in the rural community of Folsom. The bridge was constructed during the creation of the State Road Bureau and the State Road Commission. When in 1917, the West Virginia Legislature replaced the State Road Bureau with the State Road Commission. Twenty-five (25) concrete arch bridges remain that were constructed between 1913 and 1929, 15 of which cross one or more branches of Fish Creek. In the late 1930's the saw mill and a number of houses were removed for the construction of West Virginia Route 20.

Neither County Route 20/5 nor WV Route 20 are a part of any toll road or are they associated with any roads movement or event. They are not a main transportation corridor and the bridge is currently classified as a dual lane bridge. Therefore, the Fireman's Bridge is not eligible for listing in the National Register of Historic Places under Criterion A for its local significance as a transportation link or as a part of a historic district.

The Fireman's Bridge was constructed in 1917 by the Luten Bridge Company of York, PA. Daniel B. Luten is nationally recognized as an important figure in bridge building and the design of reinforced concrete arch bridges. However, the Fireman's Bridge is not directly associated with Daniel B. Luten as an individual. Therefore, the Fireman's Bridge is not eligible for listing in the National Register of Historic Places under Criterion B.

The Fireman's Bridge was constructed in 1917 by the Luten Bridge Company of York, PA. Daniel B. Luten is nationally recognized as an important figure in bridge building and the design of reinforced concrete arch bridges. Luten was a Purdue University professor, bridge designer, and engineer based in Indianapolis. The central tenet of Daniel Luten's design practice was to "produce a more efficient structure," by reducing the material required to build for a given strength. His innovative approaches to reinforcing concrete arches with longitudinal tension rods resulted in efficient bridge designs that he protected through the patent system. The Firemans Bridge is a single, simple span reinforced concrete deck bridge. It is supported by two reinforced concrete skew back abutments with full height pilasters. The railing consists of posts and rails made of reinforced concrete. The Fireman's Bridge is an example of a tied arch, an uncommon bridge type. The tied arch features an interconnected system of reinforcement through the ring, abutments and streambed. The type is closely associated with the work of Daniel B. Luten, a nationally recognized bridge designer. Therefore, it is our recommendation that the Fireman's Bridge is eligible for listing in the National Register of Historic Places under Criterion C for its local significance as a concrete arch bridge constructed by a company recognized as a master builder.

The Firemans Bridge provides little potential to yield information important to history or prehistory. Therefore, the Firemans Bridge is not eligible for listing in the National Register of Historic Places under Criterion D.