
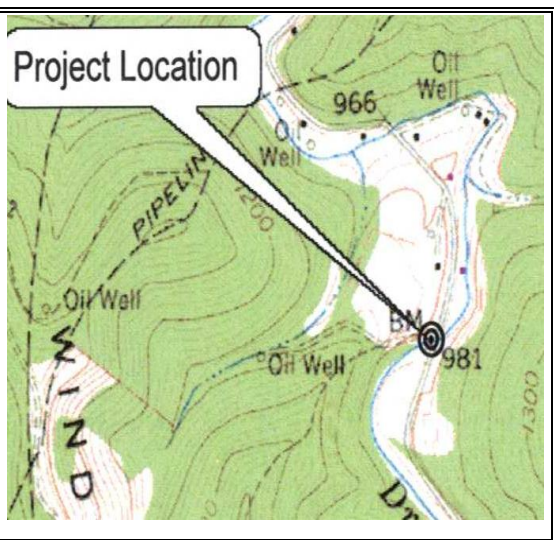


Internal Rating: _____



WEST VIRGINIA HISTORIC PROPERTY INVENTORY FORM

Street Address County Route (CR) 12, approximately 2 miles north of WV Route 7.	Common/Historic Name/Both <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Field Survey # 1	Site # (SHPO Only)
Town or Community Rural	County Wetzel	Negative No.	NR Listed Date
Architect/Builder Daniel Luten	Date of Construction 1928	Style (SHPO Only) Concrete Arch	
Exterior Siding / Materials Concrete	Roofing Material Deck Material: Single Seal	Foundation Rock	
Property Use or Function Transportation Bridge	UTM Zone 17 NAD 1927 Easting 39.6793921 Northing 80.5033644		
	Quadrangle Name Littleton		
Survey Organization & Date WVDOH May 10, 2012	Part of What Survey / FR# Garrison Bridge Replacement Wetzel County State Project: S352-12-2.04 Federal Project: NA		



Site No.

Name: Garrison Bridge Replacement
 Survey #: State Project: S352-12-2.04
 Survey / FR#:

Present Owners WVDOH	Owners Mailing Address 1900 Kanawha Blvd. East Building 5, Room 450 Charleston, WV 25305
--------------------------------	--

Describe Setting Unknown -- <1 Acres
 Archaeological Artifacts Present

The bridge is in a rural location with one residence located within a half a mile. The bridge is located on County Route 12, approximately 2 miles north of WV Route 7. The direction of the survey of the road is from south to north.

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

The bridge is a single, simple span reinforced concrete deck arch bridge. It is supported by two reinforced concrete skew back abutments with full height pilasters. The foundation is rock. There are no curbs or sidewalks. The railing consists of posts and rails made of reinforced concrete.

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.
 West Virginia Historic Bridges by Emory L. Kemp, May 1984

Form Prepared By: **Date:** May 10, 2012

Name/Organization: Ginger Williford
 Address: WV Division of Highways
 Capitol Complex
 Building 5, Rm. 463
 Charleston, WV 25305

Phone #: 558-9676

WEST VIRGINIA HISTORIC PROPERTY FORM

CONTINUATION SHEET

Name: Garrison Bridge Replacement
Survey Number: State Project: S352-12-2.04
Project / FR#: NA

The Garrison Bridge was constructed in 1928 by the Luten Bridge Company of York, PA and is located on County Route 12, approximately 2 miles north of WV Route 7, Wetzel County. The Garrison Bridge is located in a rural section of Wetzel County with the community of Littleton being the closest with that being approximately 3 miles away. The community of Littleton is one of three towns, the other two being Burton and Hundred that collectively make up the Hundred community and were settled in the early 1800's. County Route 12 is one of several routes within this area including County Route 7 and 9 as well as West Virginia Route 250. County Route 12 was not a part of any toll road or is it associated with any roads movement or event. It is not a main transportation corridor and the bridge is currently classified as a dual lane bridge. Therefore, the Garrison Bridge is not eligible for listing in the National Register of Historic Places under Criterion A for its local significance as a transportation link.

The Garrison Bridge was constructed in 1928 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 Garrison Bridge is not associated directly associated with Daniel B. Luten as an individual. Therefore, the Garrison Bridge is not eligible for listing in the National Register of Historic Places under Criterion B.

The Garrison Bridge was constructed in 1928 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 Garrison 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 Garrison Bridge is an example of a spandrel-braced arch, an uncommon bridge type that is closely associated with the work of Daniel B. Luten. Therefore, it is our recommendation that the Garrison 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 Garrison Bridge provides little potential to yield information important to history or prehistory. Therefore, the Garrison Bridge is not eligible for listing in the National Register of Historic Places under Criterion D.