

West Virginia Historic Bridge Inventory Form

Bridge No. 33-002/00-000.14
 BARS No. 33A047
 Federal Bridge No. 00000000033A047
 Bridge Design No. 7423.0

IDENTIFICATION INFORMATION

SHPO Survey No. _____
 Owner State Highway Agency
Local Name INDEPENDANCE ST. BRIDGE
 Status Extant - in service
Other Local Name _____

LOCATIONAL AND SETTING INFORMATION

District 05
 County Morgan
 Latitude 39371800
 Longitude 078131800
Location 0.04 MI N OF CR 2/3 SLS
UTM-Northing _____
Facility Carried By Structure CR 02 SLS
UTM-Easting _____

UTM Zone _____
Features Intersected WARM SPRING RUN
Surrounding Land Use _____

Type of Development _____

STRUCTURAL INFORMATION

Main Span Type Concrete Slab
Structure Length (ft) 27
Main Span Type Code 101
Length of Maximum Span (ft) 24
Number of Spans in Main Unit 001
Average Daily Traffic 001900
Year 2002
Number of Approach Spans 0000
Sufficiency Rating 0522
Skew 30
(Note: Data current as of April 2006 database)

BRIDGE DESCRIPTIVE INFORMATION

Year Built 1927
Arrangement _____
Year Reconstructed 0000
Connection Type _____
Truss Bridge Type _____
Truss Details _____
Alteration(s) _____
Date of Alterations (Year) _____

Architectural Treatment(s)
Bridge Plate Text
 Decorative rail/parapet

BRIDGE HISTORY

Engineer or Designer _____
Builder or Fabricator Victor Funderburg
Bridge Plan Location _____
Additional Details: _____

Bridge No. 33-002/00-000.14 **BARS No.** 33A047 **Federal Bridge No.** 0000000033A047 **Bridge Design No.** 7423.0

NATIONAL REGISTER EVALUATION INFORMATION

National Register Determination Listed **Reason Not Evaluated**

National Register Determination Date Pre-2013

This structure was previously listed or determined eligible for the National Register. Therefore, it was not reevaluated in the statewide inventory of bridges.

No photograph available

West Virginia Historic Bridge Inventory Form
Form Prepared By Mead & Hunt and KCI
Form Preparation Date 2013

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353

Continuation Sheet Date: November 1, 2018

Continuation Sheet Prepared by:

Tracy D. Bakic
Structural Historian
WV Division of Highways
Engineering Division-Environmental Section
1334 Smith Street
Charleston, WV 25301
304-558-9676

Survey Report Prepared for:

Independence Street Bridge Superstructure Replacement
State Proj S333-02-0.14



USGS 7.5" Topo Map: Hancock, MD-WV-PA

Bridge UTM Location: 4390135N, 738157E

Site No. in Survey: APE B1

Address: Independence Street over Warm Spring Run
Owner: WVDOT

Setting: This bridge spans County Route 2 (CO 2; aka Independence St) over Warm Spring Run in Berkeley Springs, northern Morgan County. Warm Spring Run is a tributary of the Potomac River. The bridge is about 0.04 miles east of the CO 2/3 (Mercer St) intersection with CO 2. The structure is within the Town of Bath (Berkeley Springs) corporate limits and is surrounded by commercial/industrial residential buildings dating from ca. 1900 to the 2000s and one former religious building (Mt. Pisgah M.E. Church) that dates to 1882.

Description: The bridge was built in 1927 by Victor Funderburg of Martinsburg, WV. The two-lane bridge has overall measurements of 27 feet, three inches long (end to end of deck) by 29 feet (out-to-out of deck). It has a single-span reinforced concrete slab superstructure that is supported on full-height reinforced concrete abutments. The deck width includes a six-foot sidewalk on the downstream (north) side and concrete parapet wall railings on each side. The railings include incised/impressed rectangular decoration that is typical for period built. Stone and concrete waterway bank retaining walls extend from at least three of the abutments and are considered related to adjacent properties. There are wooden railings that are attached to both ends of the downstream (north) railing; these were installed in the 1990s, probably by the Town or the adjacent property owner. The west end wooden railing replaced an earlier metal pipe railing. No historic plans are known to exist for this span.

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353

Significance: This bridge is located within the Town of Bath in northern Morgan County. Morgan County was established per act of Virginia Assembly on February 9, 1820 (VA 1820:27). The county was formed from parts of Berkeley and Hampshire counties and was named for Revolutionary War hero Daniel Morgan. Bath (Berkeley Springs) has always been the county seat (Taylor 2008).

When the State of West Virginia was created and admitted to the Union in 1863, counties were divided into townships. Morgan County was subdivided into six townships – Allen, Bath, Cacapon, Rock Gap, Sleepy Creek, and Timber Ridge. The subject property was within Bath Township (1870 census). In 1872 a new state constitution was ratified, and townships were reestablished as magisterial districts. Thus, Bath Township became Bath District (Rand McNally 1924; 1880 Census).

Bath (Berkeley Springs): The Town of Bath existed before Morgan County was established, its earliest white settlers by the mid-1700s. The town became well-known as a health resort to take in the purportedly curative mineral spring waters. An act for “establishing a town at the Warm Springs in the county of Berkeley” was passed by the Virginia Assembly in December 1776. This act included the reservation of the springs for public use. The town was established as “Bath”, named for the famed spa in England (Museumoftheberkeleysprings.com; Taylor 2008; VA 1808:72, 1828:85, 1854:115). When the locale established its post office in 1802 it was named “Berkeley Springs P.O.”; the name “Bath P.O” was already being used by a community of the same name in Bath County, VA. Thus, the subject town has since been largely known as Berkeley Springs, but the municipality is identified as the Town of Bath (Taylor 2008).

The town was laid out in 1776 and grew into the early part of the 20th century to include resort structures and commercial, public, religious, and residential buildings. Travel into and out of the town in the early years was by roadway. The Warm Springs Road was established by the mid/late 1700s from Alexandria (VA) to Martinsburg to Bath (Bakic 2015). This route into Bath today is generally followed by State Rt 9 (Martinsburg Rd). SR 9 enters Bath at the south end of town at Dawson Street. Two old branch roads of this route exist leading to Fairfax Street (CO 9/9) and Independence Street (CO 2).

The Morgan and Frederick Turnpike was incorporated by Virginia Assembly on February 25, 1851 to extend between Gainsboro in Frederick County (VA) and the Potomac River in Morgan County, just south of Hancock, MD (VA 1851:100). The route basically follows today’s US 522 north and south of Berkeley Springs. This route connects with the Winchester Grade (today’s CO 13) to the south of Berkeley Springs. The Winchester Grade was likely originally called the Winchester and Berkeley Springs Turnpike, which was incorporated in 1839 (VA 1839:90).

The Berkeley Springs and Potomac Railroad (BS&P), incorp. 1886 & completed 1888, branched off the Baltimore and Ohio (B&O) main line at Hancock and extended south into Berkeley Springs. The line was a boon to tourism and local industries/businesses for shipping. A spur of the road extended down Mercer street, ending before the Warm Spring Run crossing, and was used for businesses/industries along the street. BS&P was acquired by B&O in 1910. B&O became part of Chesapeake & Ohio RR in 1962, then Chessie System in 1972, and finally CSX in 1980 and to the present. Passenger service to Berkeley Springs ended in 1935; however, the 1915 depot remains on Washington St, just north of Williams St. The rails are still used from Hancock to the large US Silica plant north of Berkeley Springs. All rails south of the plant were removed or covered over sometime after 1935 (ICC 1934:269; Lower 2018; Taylor 2008; WV 1887:447)

“Over the years, several fires and the ravages of modern commercial development have impacted on the community, yet it nonetheless retains its overall historic character as a nineteenth- and early twentieth-century resort community” (Taylor 2006). The Town has hosted the Berkeley Springs Apple Butter Festival since 1974. It is typically held in October on Columbus Day weekend and is a big tourist draw filling the park and the streets of the downtown, inclusive of Independence Street and bisecting streets (Berkeley Springs.com; Lower 2018).

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353

County Route 2 (Independence Street) and Bridge

CO 2 does not appear to be a known historic turnpike route. However, this general route appears to have existed by the 1890s and likely much earlier. The route is depicted on a 1899 topographic map, branching off the Warm Springs Road (today's SR 9) to enter Independence Street. Independence Street existed as part of the original Town of Bath plat (BerkeleySprings.com; Moray 1889; Sanborn-Perris 1896; USGS 1899). The main route of CO 2 was not paved until circa 1940s; however, perhaps Independence Street was paved a little sooner (WV SRC maps 1933, 1940, 1954; WV SRC 1941:348, 1945:198).

The existing Independence Street Bridge built in 1927 by Victor Funderburg of Martinsburg, WV. According to available Sanborn fire insurance maps of the area prior to 1927, it appears that the extant bridge replaced an earlier wooden span, that appears to have been more of a footbridge (Sanborn Map Co. 1902-1923; Sanborn-Perris 1896). Vehicular traffic on Independence Street prior to 1927 perhaps rode directly across Warm Spring Run, particularly during low flow periods. No information could be found related to a contract or the construction of the extant concrete span.

Independence Street Bridge is just one of several street bridges over Warm Spring Run within the corporate limits of Berkeley Springs. The town's Warm Spring Run bridges include:

Bridge Name	Year Built	Type	Builder/Designer	NRHP-listed
Fairfax Street Bridge	ca. 1920s-30s*	Rein. Conc. Slab w/ decorative railing	unknown	Yes; Town of Bath Historic District, Contributor
Warm Springs Run Bridge (Washington St)	1960	Rein. Conc. Rigid Frame Arch Span	E. D. Plummer & Sons of Chambersburg, PA	No
Congress Street Bridge	1945, widened 2003	Rein. Conc. Slab	unknown	No
N Mercer Street Bridge	1927, widened 2006	Rein. Conc. Slab	Victor Funderburg of Martinsburg, WV	No
Independence St Bridge	1927	Rein. Conc. Slab	Victor Funderburg of Martinsburg, WV	Yes; Town of Bath Historic District, Contributor
Williams St. Bridge	ca. 1911**	Concrete Arch (small span, 12.9")	Unknown; possibly Luten Co. of York, PA	No; Never Evaluated

* Date estimated via perusal of historic Sanborn fire insurance maps & 1936 photo of extant bridge railing during a flood (WVHistoryonView.org). During the 1920-30s there was local interests in developing the health resort, including the building of the Pine Crippled Children's Clinic in 1934 and a visit from President Franklin D. Roosevelt in 1935; information via perusal of NewspaperArchives.com for period 1923-1936.

** Date estimated via 1911 reference to a Luten bridge contract over Warm Spring Run (*Good Roads* Jan. 1911) and perusal of historic Sanborn maps which first shows a concrete bridge on Williams St in 1913, the only concrete bridge within the town by that point.

Victor Funderburg, Contractor. Victor Franklin Baker Funderburg was born 1905 in Mineral County, WV. He married Oakla Ruppenthal in 1929. He mainly lived and worked during his adult life in Berkeley County, including Martinsburg. He worked in construction/contracting and he had two brothers that worked with him. He died in 1983 and is buried at Rosedale Cemetery in Martinsburg (Ancestry.com; Funderburk 1975:208). Funderburg appears to have mainly worked locally, known projects being in Berkeley and Morgan counties. Along with the Independence Street Bridge, he also built the Mercer Street Bridge in Berkeley Springs, also in 1927. Other known projects were built in the 1950s-60s, including the North Martinsburg Interchange (1959), North Martinsburg Railroad Underpass (1962), Cumbo Yard Access Bridge (1960) and Cumbo Yard Railroad Bridge (1960), and Bessemer Overhead (1958), all in Berkeley County.

Historic District: Independence Street Bridge has been previously determined to be a contributor to the Town of Bath Historic District, listed in the National Register of Historic Places (NRHP) on April 23, 2009. This historic district is significant under Criterion A for its association with the patterns of health/medicine (health resort), commerce, and community planning, and under Criterion C for architecture. The district's period of significance is 1776, the date Bath was incorporated, to 1959, which was 50 years prior to the historic district's NRHP listing. Other contributing resources that surround the bridge are the former Victor Products Corporation Plant (MN-0080), former Mt. Pisgah M.E. Church (MN-0053), and The Ice House (MN-0081). The bridge is identified as resource no. 237 on the historic district nomination form completed in 2008.

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353

Evaluation

Criterion A & C: Independence Street Bridge, built in 1927, is an example of infrastructure development that helped sustain Berkeley Springs' economy during the community's period of significance. The span represents a common bridge design of the period built and does not represent the work of a master. However, the two other bridges of similar design within the district (N Mercer St & Congress St bridges) have been modified over the years. As such the Independence Street Bridge continues to retain adequate integrity to remain a contributor to the NRHP-listed Town of Bath Historic District under Criterion A & C. It is one of only two bridges in the district that are NRHP-listed, the other being Fairfax Street Bridge.

Criterion B. Per research and public involvement to this point*, this bridge is not known to have been associated with the significant productive period of some notable person's life, nor to have been associated for any length of time with such a person, nor to be the best representation of such a person's historic contribution. Therefore, this bridge does not meet NRHP Criterion B.

Criterion D. This bridge is not likely to have important information that will contribute to our understanding of human history or prehistory. Construction appears to have utilized commonly known techniques, tools and materials. The potential for information is minimal and, therefore, this bridge does not meet NRHP Criterion D.

Summary: This bridge retains adequate integrity to continue to be a contributor to the Town of Bath Historic District, listed in the NRHP since 2009.

* Correspondence was conducted with Preservation Alliance of West Virginia, Town of Bath, Bath Historic Landmarks Commission, Morgan County Commission, and Morgan County Historical & Genealogical Society.

Bibliography:

Ancestry.com. Information about Victor Franklin Baker Funderburg and family, including US census, military records, and family trees.

Bakic, Tracy D./WVDOH. *Historic Resources Management Report, Oak Street Bridge, City of Martinsburg, Berkeley County.* September 2015.

BerkeleySprings.com. Apple Butter Festival. <http://berkeleysprings.com/festivals/apple-butter-festival/> (August 2018).

---. The Washington Heritage Trail in Morgan County. Original Bath/Berkeley Springs Town Plat. <http://www.berkeleysprings.com/trail/plat.html> (August 2018).

Funderburk, Guy Bernard. *Funderburk Castles and Conquests.* Pageland, SC: Funderburk, 1975.

Good Roads. Old Series Vol. XLI, New Series Vol. XII, No. 1, January 1911 Issue. Reference to Berkeley Springs "Warm Spring bridge" Luten contract on page 34 of the Contract New Supplement Vol. 2, No. 1, dated January 7, 1911. New York, NY: The E. L. Powers Co., 1911.

Interstate Commerce Commission (ICC). *Decisions of the Interstate Commerce Commission of the United States, Valuation Reports, Volume 42. 1934.* Viewed on Google Books.

Lower, Larry. Personal communication with Tracy Bakic, WVDOH Structural Historian, on June 28, 2018. Mr. Lower is president of the Town of Bath Historic Historical Landmarks Commission and the Town's Streetscape Improvements Committee.

Moray, John. *Berkeley Springs, a celebrated and fashionable health resort, county seat of Morgan Co., W. Va.* Baltimore, MD: A. Hoen & Co., 1889.

Museumoftheberkeleysprings.com. "Formation of the Town Exhibit"
<http://museumoftheberkeleysprings.com/formation-of-the-town-exhibit-1-2/> (August 2018).

Rand McNally. *Standard Map of West Virginia.* Chicago IL: Rand McNally & Company, 1924.

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353

Sanborn Map Company. *Berkeley Springs, Morgan Co., WV.* July 1902.

---. *Berkeley Springs, WV.* March 1913.

---. *Berkeley Springs, WV.* January 1923.

---. *Berkeley Springs, WV.* May 1941.

Sanborn Perris Map Co, Ltd. *Berkeley Springs, WV.* December 1896.

Taylor, David L./Taylor & Taylor Associates, Inc. West Virginia Historic Property Inventory Form: SHPO Site No. MN-0079 – Two-Story building at northwest corner Independence and Mercer Streets. November 2006. Town of Bath Survey, 2006-2007.

---. *National Register of Historic Places Nomination Form – Town of Bath Historic District.* December 2008. NRHP-listed April 2009.

US. *Congressional Record: Proceedings and Debates of the ... Congress*, Volume 113, Part 2. Wash DC: US Gov't Printing Office, 1967.

US Census Bureau. *Ninth Census of the United States – Statistics of Population.* Washington DC: Government Printing Office, 1872.

---. *Compendium of the Tenth Census (June 1, 1880) Part 1.* Washington DC: Government Printing Office, 1883.

USGS. Hancock W.VA–MD–PA Topographic Quadrangle 1899.

Virginia (VA). *Acts Passed at a General Assembly of the Commonwealth of Virginia, Begun and Held at the Capitol, in the City of Richmond, on Monday, the Seventh Day of December, in the Year of Our Lord One Thousand Eight Hundred and Seven, and of the Commonwealth the Thirty-Second.* Richmond, VA: Samuel Pleasants, Junior, Printer of the Commonwealth, 1808.

---. *Acts Passed at a General Assembly of the Commonwealth of Virginia, Begun and Held at the Capitol, in the City of Richmond, on Monday, the Sixth Day of December, in the Year of Our Lord One Thousand Eight Hundred and Nineteen, and of the Commonwealth the Forty-Fourth.* Richmond, VA: Thomas Ritchie, Printer of the Commonwealth, 1820.

---. *Journal of the House of Delegates of Virginia, Anno Domini, 1776.* Richmond, VA: Samuel Shepherd & Co., 1828.

---. *Acts of the General Assembly of Virginia Passed at the Session Commencing 7th January, and Ending 10th April, 1839, in the Sixty-Third Year of the Commonwealth.* Richmond, VA: Samuel Shepherd, Printer to the Commonwealth, 1839.

---. *Acts of the General Assembly of Virginia Passed at the Session of 1850-51, of the Seventy-Fifth Year of the Commonwealth.* Richmond, VA: William F. Ritchie, Public Printer.

---. *Acts of the General Assembly of Virginia Passed in 1853-4, in the Seventy-Eighth Year of the Commonwealth.* Richmond, VA: William F. Ritchie, Public Printer, 1853-54.

West Virginia (WV). *Acts of the Legislature of West Virginia, at its Eighteenth Regular Session, Commencing January 12, 1887.* Charleston, WV: Moses W. Donnally, Public Printer, 1887.

WV State Road Commission (WV SRC). Maps. *Map of Morgan County – Primary and Secondary Highways.* 1933.

---. *Transportation Map, Morgan County, West Virginia.* 1937, revised 1940.

---. *General Highway Map, Morgan County, West Virginia.* 1954.

WV SRC. 1940-41 *Annual Report of the State Road Commission of West Virginia for the Fiscal Year Ending June 30, 1941.* Charleston, WV, 1941.

---. *1944-1945 Annual Report, State Road Commission of West Virginia.* Charleston, WV: Jarrett Printing Company, 1945.

**WEST VIRGINIA HISTORIC PROPERTY FORM
CONTINUATION SHEET**

NAME: Independence Street Bridge

SITE#: MN-0353



View Northwest, taken from North Green Street (WVDOH 6-28-2018)



East Approach. View NW (WVDOH 6-28-2018).

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353



West Approach. View SE (WVDOH 6-28-2018)



South (Upstream) Railing. View W (WVDOH 6-28-2018).

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353



North (Downstream) Railing. View WNW (WVDOH 6-28-2018)



South (Upstream) Elevation. View NE (WVDOH 6-28-2018).

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353



South (Upstream) Elevation. View N (WVDOH 6-28-2018)



North (Downstream) Elevation. View SW (WVDOH 6-28-2018).

WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

NAME: Independence Street Bridge

SITE#: MN-0353



North (Downstream) Elevation. View SE (WVDOH 6-28-2018)



North (Downstream) Railing and Sidewalk. View SE (WVDOH 6-28-2018).

**WEST VIRGINIA HISTORIC PROPERTY FORM
CONTINUATION SHEET**

NAME: Independence Street Bridge

SITE#: MN-0353



West Abutment. View NW (WVDOH 6-29-2018).



West Abutment, North End, with lower concrete retaining walls beyond. View N (WVDOH 6-28-2018)

**WEST VIRGINIA HISTORIC PROPERTY FORM
CONTINUATION SHEET**

NAME: Independence Street Bridge

SITE#: MN-0353



West Abutment, North Wingwall. View NW (WVDOH 6-29-2018)



North Wingwall of West Abutment; lower concrete retaining wall in upper right corner head toward the old Victor Products Corp Plant. View NW (WVDOH 6-29-2018).

**WEST VIRGINIA HISTORIC PROPERTY FORM
CONTINUATION SHEET**

NAME: Independence Street Bridge

SITE#: MN-0353



East Abutment, North Wingwall. View NE (WVDOH 6-29-2018)



*Stone Retaining Wall (with two pipe outlets), Next to North Wingwall of East Abutment.
View East (WVDOH 6-29-2018)*

**WEST VIRGINIA HISTORIC PROPERTY FORM
CONTINUATION SHEET**

NAME: Independence Street Bridge

SITE#: MN-0353



Warm Spring Run, North of Bridge/Abutments; the old Victor Products Plant is just north of this view. View NE (WVDOH 6-28-2018)



East Abutment, South Wingwall (stone). View East (WVDOH 6-29-2018)

**WEST VIRGINIA HISTORIC PROPERTY FORM
CONTINUATION SHEET**

NAME: Independence Street Bridge

SITE#: MN-0353



West Abutment and South Bank Stone Retaining Wall. View NW (WVDOH 6-29-2018)



South Bank Stone Retaining Wall, Looking Southward from Bridge. View SW (WVDOH 5-28-2018)