State Level Historic Documentation Report

State Project No. S325-CLA/RK-1.00
Federal Project No. BR-009(207)D

Clarksburg Street Bridge
Marion County

Prepared by:

Randy Epperly III, Historian

Department of Transportation
Division of Highways
Engineering Division
Environmental Section

January 8, 2013

STATE LEVEL HISTORIC DOCUMENTATION
CLARKSBURG STREET BRIDGE

Location: Clarksburg Street, over Buffalo Creek
Mannington
Marion County
West Virginia

USGS Mannington Quadrangle

Date of Construction: 1926

Builder: Shaid Contracting Company and designed by Concrete Steel Engineering Company

Present Owner: City of Mannington
206 Main Street
Mannington, WV 26582

Present Use: Vehicular Bridge

Significance: The Clarksburg Street Bridge is significant due to its association with the Mannington Historical District. The bridge is listed on the National Register of Historic Places as a contributing structure to the Mannington Historical District. The bridge is significant under Criteria A and C for its association with the general construction period and architectural styles of the area. It is also associated with a known builder and is a good example of early bridge engineering.

Project Information: The project has been undertaken due to the poor condition of the bridge. Any future deterioration of the bridge would result in its closure. The existing bridge warrants replacement. The documentation was undertaken in January 2013 in accordance with a Memorandum of Agreement among the Federal Highway Administration, West Virginia Department of Transportation, West Virginia State Historic Preservation Office, and the Mannington Historic Landmarks Commission. These measures are required prior to replacement of this National Register listed structure.

Randy Epperly III, Historian
West Virginia Division of Highways
Charleston, WV 25305
January 7, 2013

The Clarksburg Street Bridge is a city owned bridge located in Mannington, Marion County. It carries Clarksburg Street over Buffalo Creek. By agreement with the city, West Virginia Division of Highways inspects the bridge.

Clarksburg Street Bridge was built in 1926, the same year as the Buffalo Street Bridge, which is approximately 60 feet and parallel to the Clarksburg Street Bridge. No original plans were found for the bridge. The bridge is eligible under Criterion A of the National Register of Historic Places for its association with the general construction period and it is a contributing structure within the Mannington Historic District.

The bridge is also eligible under Criterion C as a good example of early bridge engineering and its association with a known builder. The bridge was designed by Concrete Steel Engineering Company and built by Shaid Contracting Company of Elkins, WV.

The Clarksburg Street Bridge consists of 3 spans of concrete T-beams supported by concrete abutments and piers. The parapets are concrete railing supported by concrete balusters. The overall length is 114 feet 3 inches and is 34 feet 4 inches wide. It is posted for 11 tons. There are 2 sidewalks, each supported by a T-beam (WVDOH Bridge Files).

T-Beam bridges were among the most popular bridge types during the 1920s but were used until the 1960s. The T-Beam design was popular among state highway departments. “Some of the defining features of a T-Beam bridge are slab integrated with longitudinal beams, parapet or railing when integrated, and abutments, wingwalls, or occasionally piers” (Parsons Brincherhoff and Engineering and Industrial Heritage, 2005).

Concrete Steel Bridge Company of Clarksburg, WV was formed in 1914 by Frank Duff McEnteer and P.M. Harrison. McEnteer was appointed superintendent of the Fourth Street Bridge in Clarksburg in 1914 and incorporated his own company that year. The company built over 1000 bridges in West Virginia. By 1925, the company had branch offices in Pittsburgh, Harrisburg, Huntington, Knoxville, and a subsidiary company in Florida. Due to the Depression and other difficulties, the company was liquidated in 1931 (Kemp 133).

McEnteer would later serve as district engineer with the WV State Road Commission between 1932 and 1938, and construction engineer for the northern district from 1938-1940. In 1942 he supervised the construction of an army base near Tel Aviv as a project manager with Johnson, Piper, and Drake. In 1943 he was named chief engineer of the construction division of the U.S. Armed Forces in the Middle East and supervised the construction of airports in the region. Following World War II he returned to Clarksburg and began practice as a consulting structural engineer specializing in the design of highway bridges and industrial buildings until his death in 1951 (Kemp 133-134).

BIBLIOGRAPHY

Kemp, Emory. Survey of Historic Bridges in West Virginia. 1984. MS, WVDOH.

Parsons Brinkerhoff and Engineering and Industrial Heritage. A Context For Common Historic Bridge Types. "Concrete T-Beams." October 2005.

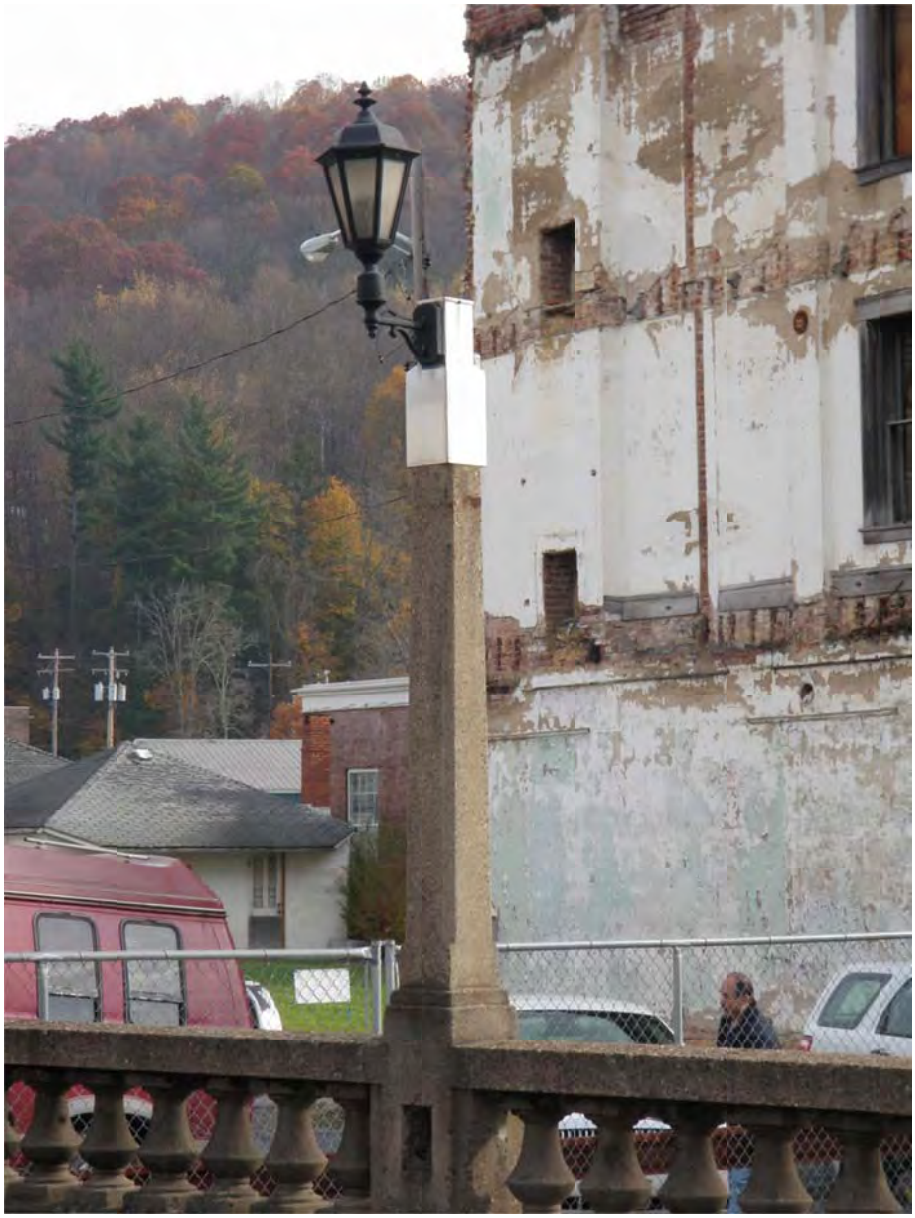
West Virginia Division of Highways, Bridge Files, Maintenance Division, Building 5, Capitol Complex, Charleston, WV 25305.

STATE LEVEL HISTORIC DOCUMENTATION
INDEX TO PHOTOGRAPHS

Clarksburg Street Bridge
Clarksburg Street
Buffalo Creek
Marion County, West Virginia

Photographer: Randy Epperly November 2011 & January 2012

CLARKSBURG STREET BRIDGE-1	View of downstream side of Clarksburg St. Bridge.
CLARKSBURG STREET BRIDGE-2	View of bridge looking south along Clarksburg St.
CLARKSBURG STREET BRIDGE-3	Looking south along Clarksburg St.
CLARKSBURG STREET BRIDGE-4	View of parapet on Clarksburg St. Bridge.
CLARKSBURG STREET BRIDGE-5	View of light fixture on Clarksburg St. Bridge.
CLARKSBURG STREET BRIDGE-6	View of bridge plaque on Clarksburg St. Bridge.
CLARKSBURG STREET BRIDGE-7	View of memorial between Clarksburg St. Bridge and Buffalo St. Bridge.




Welcome,
Worship With Us.
CLARKSBURG AND BUFFALO
STREET BRIDGES
ERECTED 1926 BY
MARION COUNTY
AND
CITY OF MANNINGTON
COUNTY COURT
WARD SATTERFIELD
CITY OF MANNINGTON


Welcome,
Come Worship

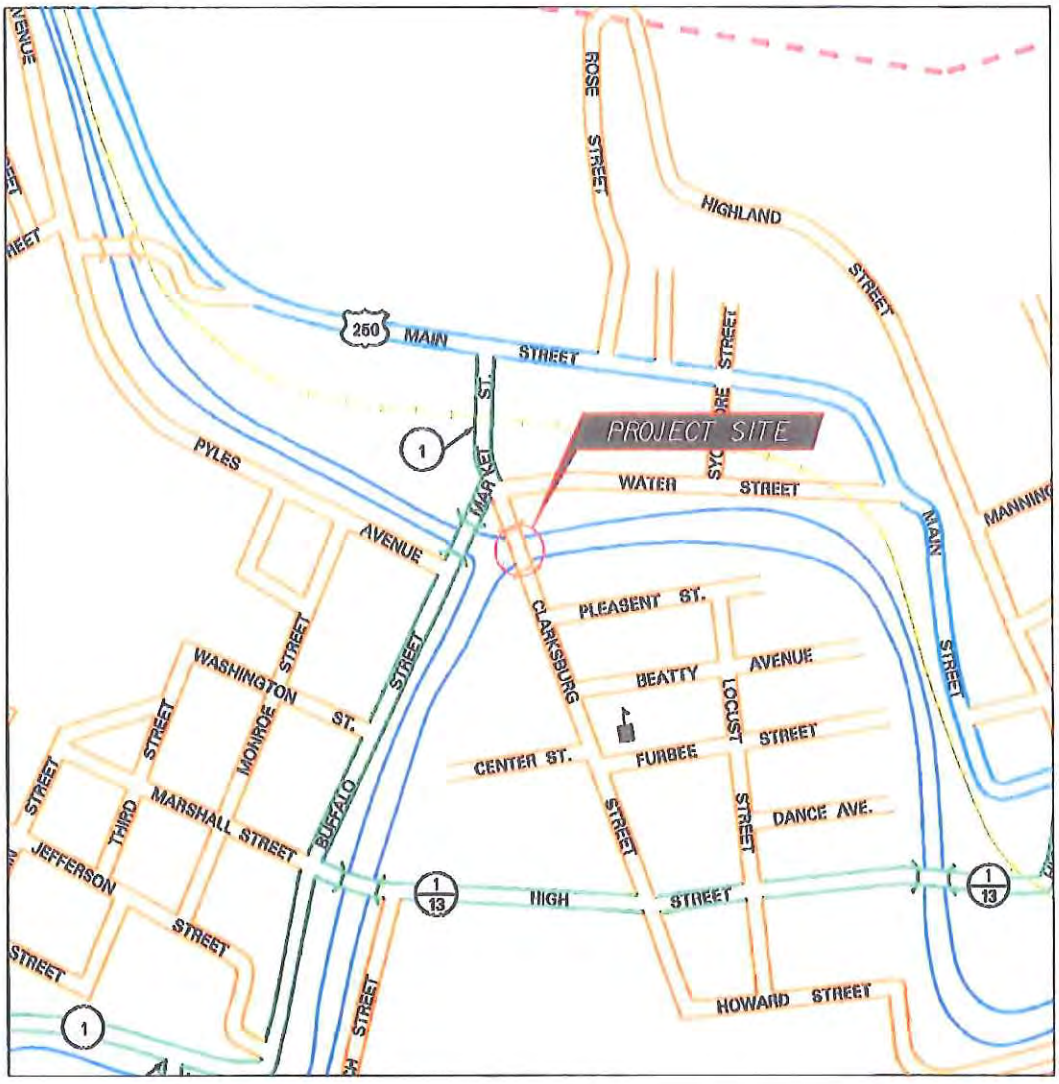
BRIDGE REPLACEMENT STUDY

CLARKSBURG STREET BRIDGE

STATE PROJECT NO. S325-CLARK-1

CITY OF MANNINGTON

MARION COUNTY

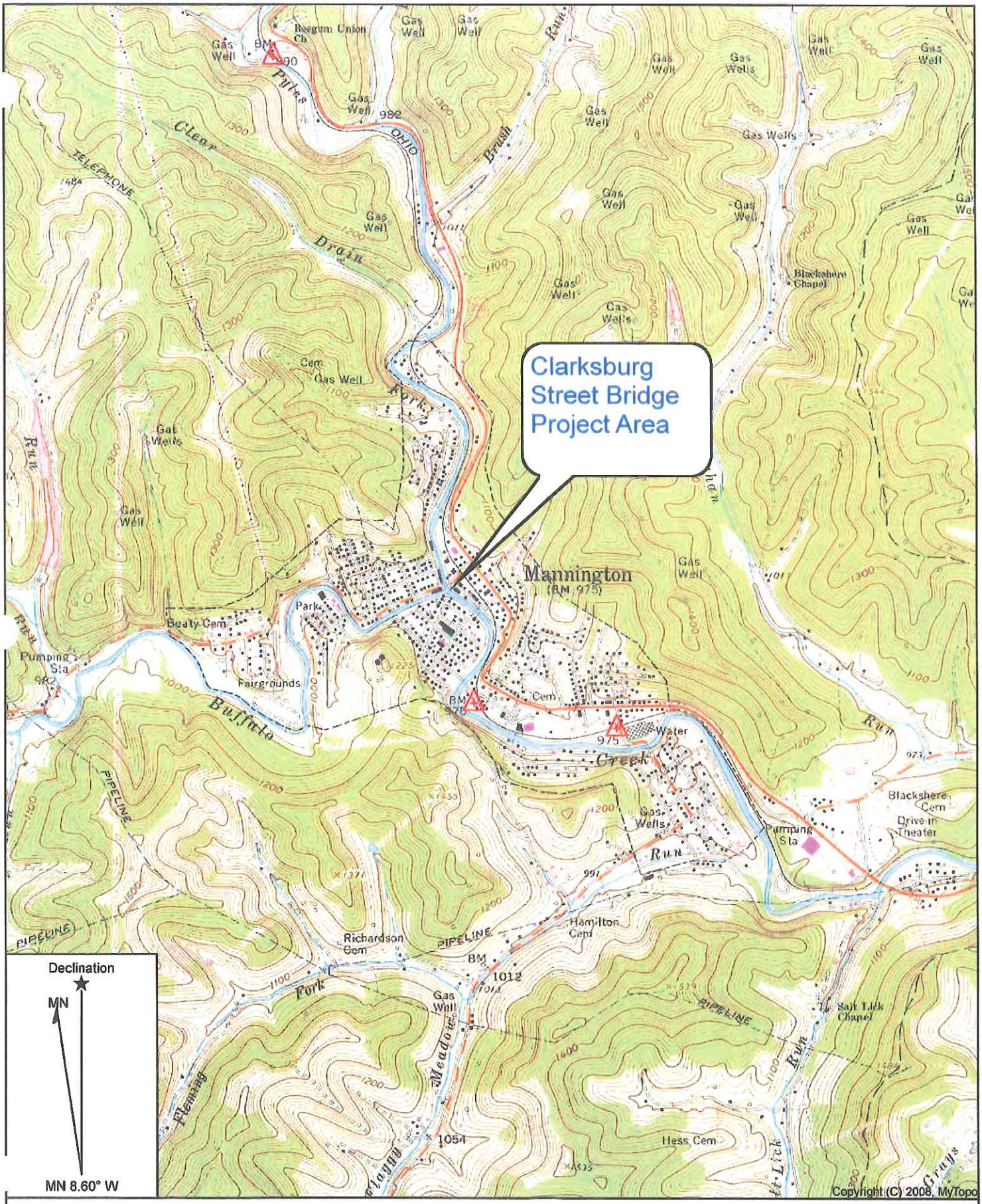


WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

ENGINEERING DIVISION

SEPTEMBER 2011



Clarksburg Street Bridge
Marion County

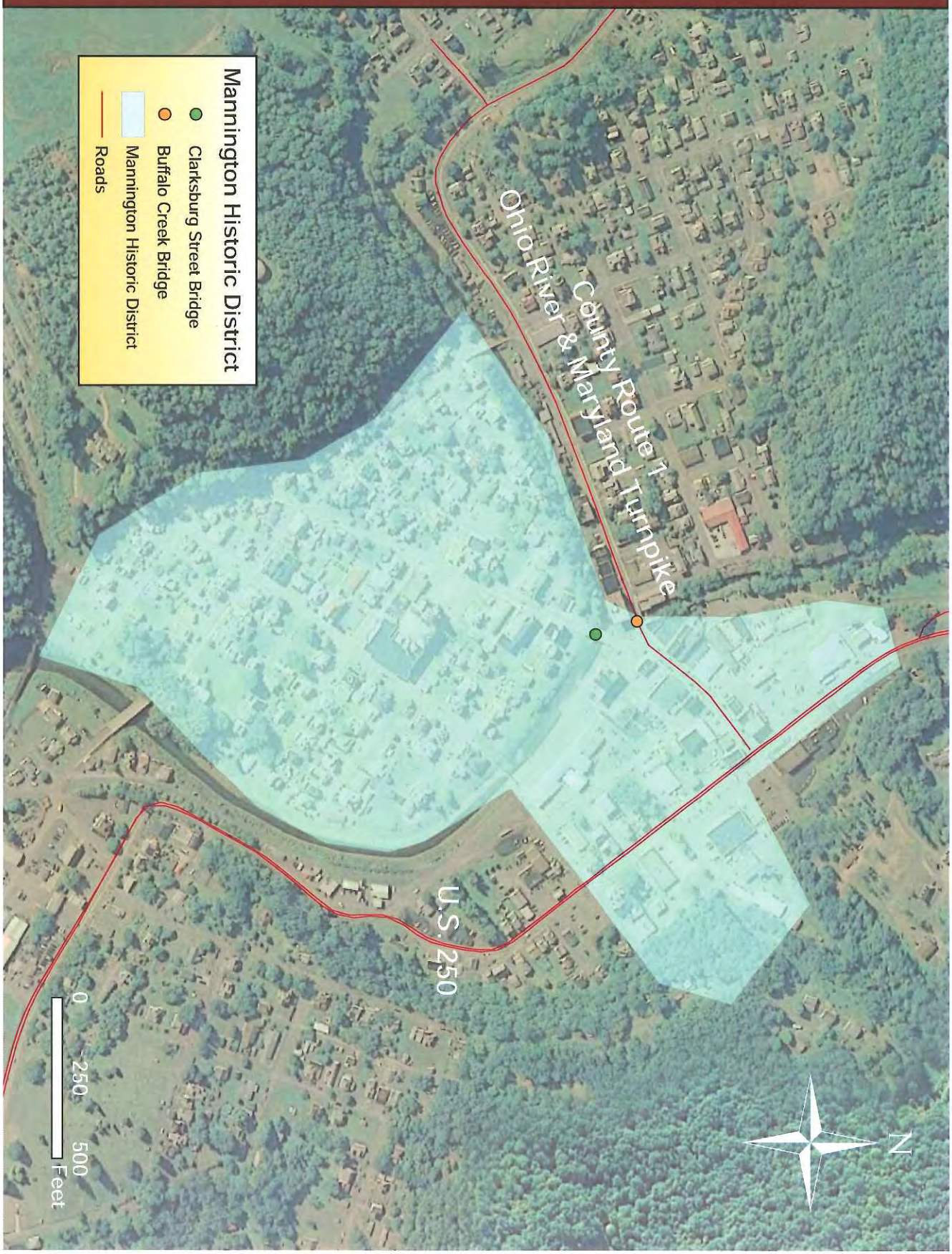
Location: 17 0556596 E 4375818 N

Clarksburg Street Bridge
Marion County
S325-CLA/RK-1.00
BR-0009(207)D

West Virginia Division of Highways
Engineering Division
Environmental Section
Randy Epperly
January 30, 2012

Mannington Historic District
Marion County
S325-CLA/RK-1.00
BR-0009(207)D

West Virginia Division of Highways
Engineering Division
Environmental Section
Randy Epperly
January 26, 2012



MEMORANDUM OF AGREEMENT
BY AND AMONG
THE FEDERAL HIGHWAY ADMINISTRATION,
THE WEST VIRGINIA STATE HISTORIC PRESERVATION OFFICER, AND THE
WEST VIRGINIA DIVISION OF HIGHWAYS REGARDING
IMPLEMENTATION OF THE CLARKSBURG STREET BRIDGE
REPLACEMENT PROJECT
STATE PROJECT #S325-CLA/RK-1.00
FEDERAL PROJECT #BR-0009(207)D
MARION COUNTY, WEST VIRGINIA
SEPTEMBER 2012

WHEREAS, the Federal Highway Administration (FHWA), in cooperation with the West Virginia Division of Highways (WVDOH), proposes to replace the Clarksburg Street Bridge, which spans Buffalo Creek in Marion County, hereinafter referred to as the Project. The improvements involve the construction of a new bridge and removal of the existing bridge; and

WHEREAS, the FHWA has determined that the Project will have an adverse effect upon the Clarksburg Street Bridge and Mannington Historic District, properties eligible for the National Register of Historic Places (NRHP);and

WHEREAS, the FHWA has consulted with the West Virginia State Historic Preservation Officer (WVSHPO) pursuant to 36 CFR Part 800 Implementing Section 106 of the National Historic Preservation Act; (16 U.S.C., 470f); and

WHEREAS, the FHWA has determined that the Project will not affect archaeological properties; and

WHEREAS, the WVDOH contacted the Mannington Landmarks Commission and Preservation Alliance of West Virginia regarding the Project. The Mannington Landmarks Commission replied by e-mail asking for consideration to be given to architectural treatments. The Preservation Alliance of West Virginia did respond by e-mail that they would research the project. A public workshop was held March 27, 2012 in which the citizens of Mannington expressed support for the project. Thirty-six members of the public were present for the workshop.

WHEREAS, in accordance with 36 CFR 800.6 (a) (1), the FHWA has notified the Advisory Council on Historic Preservation (ACHP) of its adverse effect determination providing the specified documentation, and the ACHP has chosen not to participate in the consultation pursuant to 36 CFR 800.6 (a) (1) (iii);

NOW, THEREFORE, the FHWA, the WVSHPO, and the WVDOH, agree that the undertaking will be implemented in accordance with the following stipulations in order to take into account the effects of the undertaking on historic properties.

STIPULATIONS

The FHWA shall ensure that the following stipulations are carried out:

I. The Clarksburg Street Bridge will be documented in its present historic setting. The Documentation package will include 5"x7" black and white digital prints in accordance with the National Register of Historic Places and National Historic Landmarks Survey Photo Policy Expansion of March 2005.

II. A brief history of the structure will be included along with a fully completed West Virginia Historic Property Inventory form and copies of plan sheets and drawings of the bridge from WVDOH bridge files if available.

III. The bridge will be documented on a future website listing historic bridges once the WV Historic Bridge Survey is complete.

IV. Architectural treatments such as historic lighting similar to the lighting in the Mannington Historic District and open balustrade concrete parapets will be incorporated for the Clarksburg Street Bridge, pending further coordination with the SHPO

V. A brochure of the Clarksburg Street Bridge will be developed and distributed to the Mannington Historic Landmark Commission along with a CD version for future use. The WVSHPO will be given the opportunity to review all educational materials developed for this brochure.

VI. **Duration**

This MOA will expire if its stipulations are not carried out within five (5) years from the date of its execution. At such time, and prior to work continuing on the undertaking, the FHWA shall either (a) execute a MOA pursuant to 36 CFR 800.6, or (b) request, take into account, and respond to the comments of the ACHP under 36 CFR 800.7. Prior to such time, FHWA may consult with other signatories to reconsider the terms of the MOA and amend it in accordance with Stipulation X. below. FHWA shall notify the signatories as to the course of action it will pursue.

VII. Post-Review Discoveries

If any unanticipated discoveries of historic properties or archaeological sites, including human burial sites and/or skeletal remains, are encountered during the implementation of this undertaking, work shall be suspended in the area of the discovery until the

WVDOH has developed and implemented an appropriate treatment plan in consultation with the WVSHPO pursuant to 800.13 (b).

VIII. Monitoring and Reporting

Each year following the execution of this MOA until it expires or is terminated, FHWA shall provide all parties to this MOA a summary report detailing work carried out pursuant to its terms. Such report shall include any scheduling changes proposed, any problems encountered, and any disputes and objections received in FHWA's efforts to carry out the terms of this MOA.

IX. Dispute Resolution

Should any signatory or concurring party to this MOA object at any time to any actions proposed or the manner in which the terms of this MOA are implemented, FHWA shall consult with such party to resolve the objection. If FHWA determines that such objection cannot be resolved, FHWA will:

A. Forward all documentation relevant to the dispute, including the FHWA's proposed resolution, to the ACHP. The ACHP shall provide FHWA with its advice on the resolution of the objection within thirty (30) days of receiving adequate documentation. Prior to reaching a final decision on the dispute, FHWA shall prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP, signatories and concurring parties, and provide them with a copy of this written response. FHWA will then proceed according to its final decision.

B. If the ACHP does not provide its advice regarding the dispute within the thirty (30) day time period, FHWA may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, FHWA shall prepare a written response that takes into account any timely comments regarding the dispute from the signatories and concurring parties to the MOA, and provide them and the ACHP with a copy of such written response.

C. FHWA's responsibility to carry out all other actions subject to the terms of this MOA that are not the subject of the dispute remains unchanged.

X. Amendments

This MOA may be amended when such an amendment is agreed to in writing by all signatories. The amendment will be effective on the date a copy signed by all of the signatories is filed with the ACHP.

XI. Termination

If any signatory to this MOA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation VII, above. If within thirty (30) days (or another time period agreed to by all signatories) an amendment cannot be reached, any signatory may terminate the MOA upon written notification to the other signatories. Once the MOA is terminated, and prior to work continuing on the undertaking, FHWA must either (a) execute a MOA pursuant to 36 CFR 800.6, or (b) request, take into account, and respond to the comments of the ACHP under 36 CFR 800.7. FHWA shall notify the signatories as to the course of action it will pursue.

EXECUTION of the Memorandum of Agreement by the FHWA, WVSHPO, the WVDOH and the Council, and implementation of its terms evidence that the FHWA has afforded the Council an opportunity to comment on the Clarksburg Street Bridge project and its effects on historic properties, and that the FHWA has taken into account the effects of the undertaking on the historic property.

APPROVED:

Federal Highway Administration — Date: 1/4/13

West Virginia Deputy State Historic Preservation Officer — Date: 10/9/12

CONCUR:

West Virginia Division of Highways — Date: 10/15/12

Clarksburg Street Bridge Replacement
Memorandum of Agreement
Signatories Page 2
Consulting Parties

Orie Ellen Sterling

Mannington Historical Landmarks Commission

11/7/12

Date

NR/ TRAN: ROAD
28.

WEST VIRGINIA HISTORIC PROPERTY INVENTORY FORM

STREET ADDRESS
Main Street

COMMON/HISTORIC NAME
Clarksburg Street Bridge

NO. IN SURVEY
MA-0025
0028

NO. OF BAYS
N/A FRONT
N/A SIDE

TOWN OR COMMUNITY
Mannington

COUNTY
Marion

NEGATIVE NO.
1/31
1/32

NOT VISIBLE FROM ROAD ☐

ARCHITECT/BUILDER
Concrete Steel Engineering/ Shaid Contracting Co.

DATE OF CONSTRUCTION
1926

EXTERIOR BUILDING FABRIC
Concrete

	DATE
NAT. REGISTER LISTED	______
STATE REGISTER LISTED	______

ROOFING MATERIAL
N/A

STYLE (STAFF USE ONLY)

PROPERTY USE OR FUNCTION
Bridge

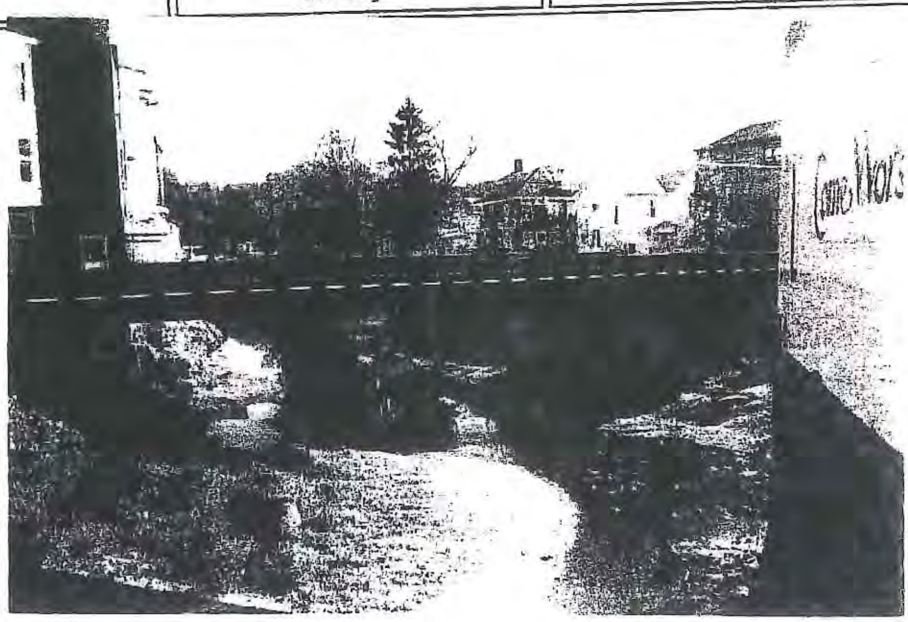
TYPE OF FOUNDATION
Concrete

QUADRANGLE NAME
Mannington

SURVEY ORGANIZATION AND DATE
Mannington HLC
June 1994

PART OF WHAT SURVEY
Downtown Mannington Survey

PHOTOGRAPH
(2" X 3" CONTACT)



SITE NO.
MA-229

PRESENT OWNERS	OWNER ADDRESS
City of Mannington	City Hall, Mannington, WV 26582

GENERAL CONDITION OF PROPERTY

Fair

ADDITIONS [ ] YES [X] NO IF YES, DESCRIBE

ALTERATIONS [ ] YES [X] NO IF YES, DESCRIBE

NO. AND NATURE OF OUTBUILDINGS

N/A

DESCRIPTION OF PROPERTY (ORGINAL AND PRESENT)

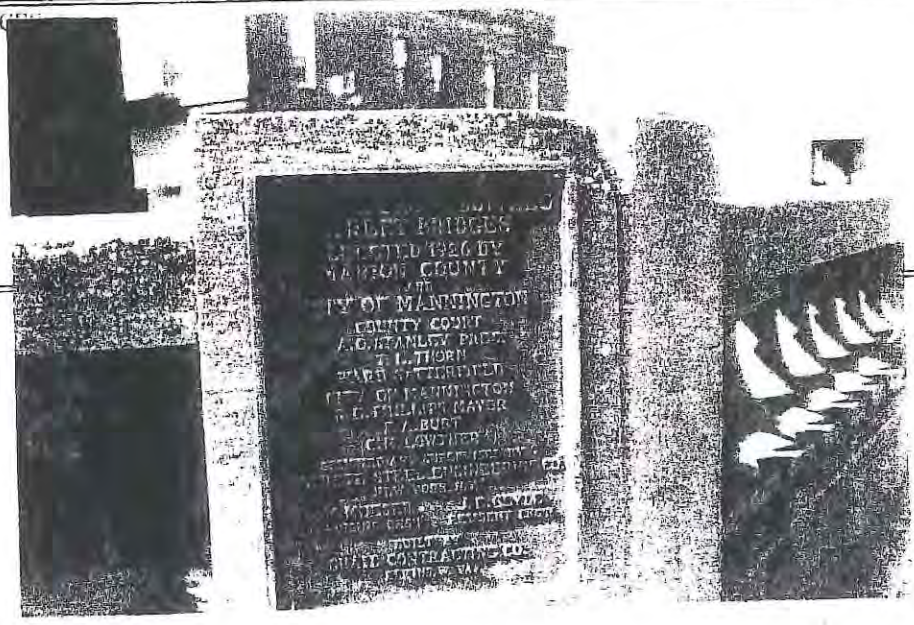
Two lane automobile bridge. Concrete pillars support concrete arches. Concrete balustrade on deck. 1926. Allows auto traffic to cross Buffalo Creek and gain access to the western section of town.

HISTORICAL/CULTURAL SIGNIFICANCE

Criterion A and C. Fits into the general construction period and architectural styles of the area. Bridge designed and supervised by the Concrete Steel Engineering Company from New York, NY. Built by Shaid Contracting Company from Elkins, WV. Good example of early bridge engineering.

BIBLIOGRAPHICAL REFERENCES

See report.



FORM PREPARED BY

Michael Gioulis

ADDRESS

612 Main Street
Sutton, WV 26601