

West Virginia Historic Bridge Inventory Form

Bridge No. 14-050/00-031.01 BARS No. 14A054 Federal Bridge No. 0000000014A054 Bridge Design No. 943.0

IDENTIFICATION INFORMATION

SHPO Survey No. HM-0802 **Owner** State Highway Agency
Local Name CAPON BRIDGE **Status** Extant - in service
Other Local Name

LOCATIONAL AND SETTING INFORMATION

District 05 **County** Hampshire **Latitude** 39175400 **Longitude** 078260600
Location 0.04 MI E OF CR 14 SLS **UTM-Northing**
Facility Carried By Structure US 50 T **UTM-Easting**
UTM Zone
Features Intersected CACAPON RIVER **Surrounding Land Use** Residential
Type of Development Unincorporated community

STRUCTURAL INFORMATION

Main Span Type Steel Truss - Through/Riveted **Structure Length (ft)** 185
Main Span Type Code 310 **Length of Maximum Span (ft)** 180
Number of Spans in Main Unit 001 **Average Daily Traffic** 007200 **Year** 2002
Number of Approach Spans 0000 **Sufficiency Rating** 0070 **Skew** 00
(Note: Data current as of April 2006 database)

BRIDGE DESCRIPTIVE INFORMATION

Year Built 1933 **Arrangement** Through
Year Reconstructed **Connection Type** Rivet/bolt
Truss Bridge Type Parker **Truss Details**
Alteration(s) **Date of Alterations (Year)**
Replacement of main members 1978

Architectural Treatment(s)

Bridge Plate Text

(1) plaque. "1933, BRIDGE NO 943, WV STATE SEAL"

BRIDGE HISTORY

Engineer or Designer **Builder or Fabricator** E.R. Mills

Bridge Plan Location District

Additional Details: Concrete deck with asphalt overlay. Concrete curbs and sidewalk on one side with lattice and metal rails. Concrete abutments and wingwalls. According to inspection files, main members were replaced in 1978. Field observations noted the alterations appear in-kind. Bridge is both bolted (new members) and riveted (old members). Concrete repair on wingwall cap. Along the Northwestern Turnpike. The bridge is a Parker through truss (innovation in design) designed or constructed by a regional or West Virginia-based engineer or firm.

NATIONAL REGISTER EVALUATION INFORMATION

National Register Determination Eligible **Reason Not Evaluated**

National Register Determination Date 2013

This bridge is not eligible for the National Register under Criterion A as it does not have a significant association with an important historic transportation system, program, event, trend, or policy identified through contextual research and survey activities.

This bridge displays an important design innovation or construction technique that represents a variation, evolution, or transition in bridge construction. This bridge was designed or constructed by a known regional or West Virginia-based engineer, architect, or firm whose work is recognized as distinguishable within the state of West Virginia.

Although this bridge has undergone alterations, it still retains the historic integrity necessary to convey its engineering significance and, therefore, is eligible for the National Register under Criterion C.



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Form Prepared By Mead & Hunt and KCI
Form Preparation Date 2013