

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

West Virginia [54]	Putnam County [079]	Winfield [87988]	0.31 MI N OF WV 817	38-32-06.00 = 38.535000	081-53-53.88 = -81.898300
00000000040A035	Highway agency district: 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 3400	WV 34	Toll On free road [3]	Features intersected KANAWHA RV, WV62, N&S RR		
Design - main 1	Steel continuous [4] Truss - Thru [10]	Design - approach 9	Steel continuous [4] Truss - Thru [10]	Kilometerpoint 3433.6 km = 2128.8 mi	Year built 1955 Year reconstructed 2010
				Skew angle 0	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length	436.9 m = 1433.5 ft	Length of maximum span	140.8 m = 462.0 ft	Deck width, out-to-out	10.7 m = 35.1 ft
Inventory Route, Total Horizontal Clearance	8.5 m = 27.9 ft	Curb or sidewalk width - left	1.6 m = 5.2 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	30.8 metric ton = 33.9 tons
2.7 km = 1.7 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	49 metric ton = 53.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Good [7]		

Scour
Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection
Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy
Superior to present desirable criteria [9]

Status evaluation

Pier or abutment protection
None present but re-evaluation suggested [5]

Sufficiency rating 43.3

Culverts
Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings
Inspected feature meets currently acceptable standards. [1]

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date November 2017 [1117] Designated inspection frequency 24 Months

Underwater inspection Unknown [Y60] Underwater inspection date October 2018 [1018]

Fracture critical inspection Every year [Y12] Fracture critical inspection date January 1999 [199]

Other special inspection Every year [Y12] Other special inspection date January 1999 [199]