HistoricBridges.org - National Bridge Inventory Data Sheet

2012 Inventory

The National Bridge Inventory contains data submitted by state transportion 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							40-43-17 =	080-18-47 = -
Pennsylvania [42]	Beaver County [007]		Fallston [25152]	004026 FALLSTO	004026 FALLSTON BRIDGE		40-43-17 =	80.313056
3900 Highway agency district 11		Owner County Highwa	Owner County Highway Agency [02]		e responsibility County Highway		Agency [02]	
Route 0	FALLS	TON BR	Toll On fr	ee road [3]	Features intersec	ted BEAVER RIV	/ER	
Design - mainAluminum, W Iron [9]2Truss - Thru	/rought Iron or Cast [10]	Design - approach 0 Other	[00]	KilometerpointYear built1884Skew angle0Historical significa	Structure FI	onstructed 1981 ared	for the NRHP. [3]	
Total length 123.7 m = 405.9 ft Length of maximum span 61 m = 200.1 ft Deck width, out-to-out 6.2 m = 20.3 ft Bridge roadway width, curb-to-curb 5.6 m = 18.4 ft								
Inventory Route, Total H	Horizontal Clearance	5.6 m = 18.4 ft	Curb or sidewalk w	vidth - left 0.2 m	= 0.7 ft	Curb or sidev	walk width - right	1.8 m = 5.9 ft
Deck structure type Open Grating [3]								
Type of wearing surface)							
Deck protection								
Type of membrane/wearing surface								
Weight Limits								
Bypass, detour length Method to determine inventory rating		Allowable Stress(AS) [2]		Inventory rating	7 metric ton = 7.7	7 tons		
0.5 km = 0.3 mi Method to determine operating rating		Allowable Stress(AS	Allowable Stress(AS) [2]		13 metric ton = 14.3 tons			
Bridge posting				Design Load	L			

Functional Details							
Average Daily Traffic 6523 Average daily tr	uck traffi 0 % Year 2006 F	Future average daily traffic7761Year2032					
Road classification Collector (Urban) [17]	Lanes on structure 2	Approach roadway width 6.1 m = 20.0 ft					
Type of service on bridge Highway [1]	Direction of traffic 2 - way	traffic [2] Bridge median					
Parallel structure designation No parallel structure exists. [N]							
Type of service under bridge Waterway [5]	Lanes under structure 0	Navigation control Navigation control on waterway (bridge permit required). [1]					
Navigation vertical clearanc 148.6 m = 487.6 ft	Navigation horizo	ntal clearance 1328.3 m = 4358.2 ft					
Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway 6 m = 19.7 ft							
Minimum lateral underclearance reference feature Feature not a highway or railroad [N]							
Minimum lateral underclearance on right 0 = N/A Minimum lateral underclearance on left 0 = N/A							
Minimum Vertical Underclearance 0 = N/A Minimum vertical underclearance reference feature Feature not a highway or railroad [N]							
Appraisal ratings - underclearances N/A [N]							
Repair and Replacement Plans							
Type of work to be performed	Work done by Work to be done by cor	ntract [1]					
Replacement of bridge or other structure because of substandard load carrying capacity or substantial	Bridge improvement cost 0	Roadway improvement cost 1000					
bridge roadway geometry. [31]							
	Year of improvement cost estimate						
	Border bridge - state	Border bridge - percent responsibility of other state					
	Border bridge - structure number						

Inspection and Sufficiency									
Structure status Posted for lo	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]							
Condition ratings - superstructur Serious [3]		Appraisal ratings - roadway alignment	Meets minimur	m tolerable limits to be	ole limits to be left in place as is [4]				
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Basically intolerable requiring high priority of replacement [2]						
Condition ratings - deck	Poor [4]	deck geometry							
Scour	Bridge is scour critical; bridge f	Bridge is scour critical; bridge foundations determined to be unstable. [3]							
Channel and channel protection	Bank protection is being eroded channel. [5]	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]							
Appraisal ratings - water adequac	sy Superior to present desirable of	Superior to present desirable criteria [9]			ucturally deficient [1]				
Pier or abutment protection	Navigation protection not requi	Navigation protection not required [1]							
Culverts Not applicable. Used	if structure is not a culvert. [N]								
Traffic safety features - railings									
Traffic safety features - transition	IS								
Traffic safety features - approach	n guardrail								
Traffic safety features - approach	n guardrail ends								
Inspection date August 2011	[0811] Designated inspec	tion frequency 24	Month	IS					
Underwater inspection	Underwater inspe	ction date July 2006 [0706]							
Fracture critical inspection	Unknown [Y06]	Fracture critical in	spection date	August 2011 [0811]					
Other special inspection	Unknown [Y06]	Other special insp	ection date	August 2011 [0811]					