

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

Pennsylvania [42]		Philadelphia County [101]		Philadelphia [60000]		STRAWBERRY MANSION 28B04		39-59-42 = 39.995000		075-11-42 = - 75.195000	
677301016001150		Highway agency district: 6		Owner City or Municipal Highway Agency [04]		Maintenance responsibility		City or Municipal Highway Agency [04]			
Route 0		STRAWBERRY MANSION		Toll On free road [3]		Features intersected SKL RIV,KELLY,W RIV,STDR					
Design - main Aluminum, Wrought Iron or Cast Iron [9]		Design - approach Aluminum, Wrought Iron or Cast Iron [9]		Kilometerpoint 0 km = 0.0 mi		Year built 1897		Year reconstructed 1998			
4 Arch - Deck [11]		6 Truss - Deck [09]		Skew angle 0		Structure Flared					
				Historical significance Bridge is not eligible for the NRHP. [5]							
Total length 378.6 m = 1242.2 ft		Length of maximum span 61 m = 200.1 ft		Deck width, out-to-out 24.2 m = 79.4 ft		Bridge roadway width, curb-to-curb 9.8 m = 32.2 ft					
Inventory Route, Total Horizontal Clearance 12.1 m = 39.7 ft		Curb or sidewalk width - left 4.1 m = 13.5 ft		Curb or sidewalk width - right 8.5 m = 27.9 ft							
Deck structure type		Closed Grating [4]									
Type of wearing surface		Latex Concrete or similar additive [3]									
Deck protection		Galvanized Reinforcing [2]									
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi		Method to determine inventory rating Allowable Stress(AS) [2]		Inventory rating 7.3 metric ton = 8.0 tons	
		Method to determine operating rating Allowable Stress(AS) [2]		Operating rating 10.9 metric ton = 12.0 tons	
Bridge posting		Design Load MS 22.5 / HS 25 [9]			

Functional Details

Average Daily Traffic	14500	Average daily truck traffi	2	%	Year	1996	Future average daily traffic	14500	Year	1986
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2	Approach roadway width	12.2 m = 40.0 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway-waterway [6]		Lanes under structure	40	Navigation control					
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	10 m = 32.8 ft						
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	4.3 m = 14.1 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	9 m = 29.5 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Equal to present minimum criteria [6]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]			
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	1000	Roadway improvement cost	3000	
	Length of structure improvement	379 m = 1243.5 ft		Total project cost	13000
	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 other load-capacity restriction [R]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of replacement [2]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Very Good [8]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	19.1
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	August 2008 [0808]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	August 2008 [0808]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Unknown [Y00]	Other special inspection date	