

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

Maryland [24]	Baltimore city [510]	Baltimore [04000]	0.5 MI S OF I 95	39-15-30.00 = 39.258333	076-37-00.00 = -76.616667
200000BC5210010	Highway agency district 4	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 2	HANOVER STREET	Toll On free road [3]	Features intersected	MIDDLE BRANCH	
Design - main 1	Steel [3] Movable - Bascule [16]	Design - approach 36	Other [00]	Kilometerpoint 38.6 km = 23.9 mi	Year built 1916 Year reconstructed 1992
				Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	616.6 m = 2023.1 ft	Length of maximum span	69.8 m = 229.0 ft	Deck width, out-to-out	21.9 m = 71.9 ft
Inventory Route, Total Horizontal Clearance	18.3 m = 60.0 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	1.5 m = 4.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Other Coated Reinforcing [3]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	No rating analysis or evaluation perfor	Inventory rating	29.9 metric ton = 32.9 tons
	Method to determine operating rating	No rating analysis or evaluation perfor	Operating rating	46.3 metric ton = 50.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	14220	Average daily truck traffi	8	%	Year	2007	Future average daily traffic	17520	Year	2027
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	5		Approach roadway width	18.3 m = 60.0 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	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	11.3 m = 37.1 ft			Navigation horizontal clearance	45.7 m = 149.9 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft					
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited				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 contract [1]								
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	705000	Roadway improvement cost	64000						
	Length of structure improvement	698 m = 2290.1 ft		Total project cost	769000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
Channel and channel protection	<input type="text" value="Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text" value="In place and functioning [2]"/>	Sufficiency rating	<input type="text" value="75.2"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="March 2013 [0313]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="November 2013 [1113]"/>
Fracture critical inspection	<input type="text" value="Every year [Y12]"/>	Fracture critical inspection date	<input type="text" value="March 2013 [0313]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text" value=""/>