HistoricBridges.org - National Bridge Inventory Data Sheet

2021 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

Michigan [26]	Wayne County [163]	Detroit [22000]	IN DETROIT	42-19-57.33 = 42.332592	083-02-09.19 = -83.035886

11393	Highway agency district:	7	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	2000		JEFFERSON AVE	Toll	On free road [3]	Features intersected	I-375

Design - main	Steel [3]	Design - approach		Kilometerpoint	30.9 km = 19.2 mi		
2	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1962	Year reconstructed	N/A [0000]
				Skew angle	57	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		

Total length	41.7 m = 136.8 ft	Length of maximum span	21.6 m = 70.9 ft	Deck width, out-to-out	18.1 m = 59.4 ft	Bridge roadway width, curb-to-curb	12.2 m = 40.0 ft
Inventory Route, Total Horizontal Clearance	12.2 m = 40.0 ft	Curb or sidewalk width - left	4.6 m = 15.1 ft	Curb or sidewalk width - right	1.4 m = 4.6 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Preformed Fabric [2]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	41.1 metric ton = 45.2 tons	
0 km = 0.0 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	71 metric ton = 78.1 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]	

Functional Details

Average Daily Traffic	42800	Average daily truck traffi	0 %	Year	2007	Future average daily traffic	47080	Year	2022

Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4	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, with or without ped	Lanes under structure	4	Navigation control	Not applicable, no waterway. [N]
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	99.99 m = 328.1 ft		
Minimum lateral underclearance reference feature	Highway beneath structure [H]				
Minimum lateral underclearance on right	35 m = 114.8 ft	Minimum lateral underclearance on left	2.2 m = 7.2 ft		
Minimum Vertical Underclearance	4.75 m = 15.6 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]		
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]				

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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	
Pier or abutment protection		Sufficiency rating	
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2020 [0620]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	

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Basic Information

Michigan [26]	Wayne County [163]	Detroit [22000]	IN DETROIT	42-19-56.13 = 42.332258	083-02-09.58 = -83.035994

11394	Highway agency district: 7	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]

Route	0	HASTINGS ST	Toll	On free road [3]	Features intersected	I-375

Design - main	Steel [3]	Design - approach		Kilometerpoint	3.1 km = 1.9 mi
2	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1962
				Year reconstructed	N/A [0000]
				Skew angle	5
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	34 m = 111.6 ft	Length of maximum span	17 m = 55.8 ft	Deck width, out-to-out	21 m = 68.9 ft	Bridge roadway width, curb-to-curb	18.2 m = 59.7 ft

Inventory Route, Total Horizontal Clearance	18.2 m = 59.7 ft	Curb or sidewalk width - left	0.9 m = 3.0 ft	Curb or sidewalk width - right	4.6 m = 15.1 ft

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Preformed Fabric [2]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	38.9 metric ton = 42.8 tons
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	65.1 metric ton = 71.6 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]

Functional Details

Average Daily Traffic	4220	Average daily truck traffi	0 %	Year	1988	Future average daily traffic	4220
Year	2016						
Road classification	Local (Urban) [19]	Lanes on structure	4	Approach roadway width	10 m = 32.8 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	2 - way traffic [2]	Bridge median	Closed median with non-mountable barr		
Parallel structure designation	No parallel structure exists. [N]						
Type of service under bridge	Highway, with or without ped	Lanes under structure	4	Navigation control	Not applicable, no waterway. [N]		
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	99.99 m = 328.1 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]						
Minimum lateral underclearance on right	38 m = 124.7 ft	Minimum lateral underclearance on left	3.3 m = 10.8 ft				
Minimum Vertical Underclearance	4.44 m = 14.6 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrrective action [3]						

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	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Fair [5]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	
Pier or abutment protection		Sufficiency rating	
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]

Inspection date	June 2020 [0620]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	