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]	Dearborn [21000]	DEARBORN S/MICHIGAN	42-19-01.60 = 42.317111	083-09-45.24 = -83.162567

12239	Highway agency district: 7	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		

Route: 2057		MILLER ROAD	Toll: On free road [3]	Features intersected: CONRAIL	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 345.4 km = 214.1 mi	
48	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built: 1931	Year reconstructed: 1982
				Skew angle: 17	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 445.1 m = 1460.4 ft	Length of maximum span: 18.9 m = 62.0 ft	Deck width, out-to-out: 21.9 m = 71.9 ft	Bridge roadway width, curb-to-curb: 18.9 m = 62.0 ft
Inventory Route, Total Horizontal Clearance: 21.3 m = 69.9 ft	Curb or sidewalk width - left: 2.1 m = 6.9 ft	Curb or sidewalk width - right: 0.3 m = 1.0 ft
Deck structure type: Concrete Cast-in-Place [1]		
Type of wearing surface: Monolithic Concrete (concurrently placed with structural deck) [1]		
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: Load Factor (LF) rating reported by rati	Inventory rating: 0 metric ton = 0.0 tons
	Method to determine operating rating: Load Factor (LF) rating reported by rati	Operating rating: 0 metric ton = 0.0 tons
	Bridge posting: Equal to or above legal loads [5]	Design Load: MS 18+Mod / HS 20+Mod [6]

Functional Details

Average Daily Traffic	23965	Average daily truck traffi	8 %	Year	1995	Future average daily traffic	22000
Year	2015						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	6	Approach roadway width	26.5 m = 86.9 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	Railroad [2]	Lanes under structure	0	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	Railroad beneath structure [R]						
Minimum lateral underclearance on right	11 m = 36.1 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Railroad beneath structure [R]				
Appraisal ratings - underclearances	N/A [N]						

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, would be posted or closed except for temporary shoring [D]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Critical [2]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Critical [2]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
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	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	October 2020 [1020]	Designated inspection frequency	6 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2020 [0720]
Other special inspection	Not needed [N]	Other special inspection date	

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Basic Information

Michigan [26]	Wayne County [163]	Dearborn [21000]	DEARBORN S / MICHIGAN AVE	42-18-57.90 = 42.316083	083-09-47.20 = -83.163111

12053	Highway agency district: 7	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]

Route	2057		ROTUNDA DRIVE	Toll	On free road [3]

Features intersected: OPEN AREA

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
19	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1931
				Year reconstructed	1983
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	145.7 m = 478.0 ft	Length of maximum span	7.6 m = 24.9 ft	Deck width, out-to-out	24.3 m = 79.7 ft	Bridge roadway width, curb-to-curb	19.5 m = 64.0 ft

Inventory Route, Total Horizontal Clearance	19.5 m = 64.0 ft	Curb or sidewalk width - left	2 m = 6.6 ft	Curb or sidewalk width - right	2 m = 6.6 ft

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	Galvanized Reinforcing [2]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length		Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	0 metric ton = 0.0 tons
0.3 km = 0.2 mi		Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	0 metric ton = 0.0 tons
		Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]

Functional Details

Average Daily Traffic	8816	Average daily truck traffi	0 %	Year	1992	Future average daily traffic	10138	Year	2012
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	5	Approach roadway width	23.5 m = 77.1 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		Lanes under structure	0	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	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

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, would be posted or closed except for temporary shoring [D]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Critical [2]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Critical [2]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	October 2020 [1020]	Designated inspection frequency	6 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2020 [0720]
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