HistoricBridges.org - National Bridge Inventory Data Sheet

2010 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

Illinois [17]	Cook County [031]	Worth [83531]	0.2 N BROADWAY P26	41-39-08 = 41.6	087-41-31 = -87.6

000016321027965	Highway agency district: 1	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 2837		FRANCISCO AVE	Toll: On free road [3]	Features intersected: CAL SAG CHANNEL	

Design - main: Steel [3]	Design - approach: Steel [3]	Kilometerpoint: 35.4 km = 21.9 mi			
1	Truss - Thru [10]	4	Girder and floorbeam system [03]	Year built: 1969	Year reconstructed: N/A [0000]
				Skew angle: 4	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 110.9 m = 363.9 ft	Length of maximum span: 76.8 m = 252.0 ft	Deck width, out-to-out: 9 m = 29.5 ft	Bridge roadway width, curb-to-curb: 8.5 m = 27.9 ft		
Inventory Route, Total Horizontal Clearance: 8.5 m = 27.9 ft	Curb or sidewalk width - left: 2.3 m = 7.5 ft	Curb or sidewalk width - right: 2.3 m = 7.5 ft			

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Latex Concrete or similar additive [3]
Deck protection	Cathodic Protected [4]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length: 0.1 km = 0.1 mi	Method to determine inventory rating: Allowable Stress(AS) [2]	Inventory rating: 32.4 metric ton = 35.6 tons	
	Method to determine operating rating: Allowable Stress(AS) [2]	Operating rating: 44.1 metric ton = 48.5 tons	
	Bridge posting: Equal to or above legal loads [5]	Design Load: MS 18+Mod / HS 20+Mod [6]	

Functional Details

Average Daily Traffic	7900	Average daily truck traffi	9 %	Year	2006	Future average daily traffic	7200
Year	2021						
Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	8.5 m = 27.9 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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	5.33 m = 17.5 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

Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	0 m = 0.0 ft	Total project cost	0
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	Better than present minimum criteria [7]
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	
Pier or abutment protection		Sufficiency rating	77.5

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	Inpected feature meets currently acceptable standards. [1]

Inspection date	November 2008 [1108]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2005 [0605]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2008 [1108]
Other special inspection	Not needed [N]	Other special inspection date	