

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

Michigan [26]	Monroe County [115]	Unknown [00000]	0.7 MI S OF M 50		
58304A00022B010	Highway agency district 8	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	KIMPTON ROAD	Toll On free road [3]	Features intersected	SOUTH BRANCH MACON DRAIN	
Design - main Steel [3]	Design - approach	Kilometerpoint	Year built #Num!	Year reconstructed	N/A [0000]
1	Truss - Thru [10]	0	Other [00]	Skew angle 0	Structure Flared
			Historical significance		
Total length 11.3 m = 37.1 ft	Length of maximum span 10.7 m = 35.1 ft	Deck width, out-to-out 4.8 m = 15.7 ft	Bridge roadway width, curb-to-curb 4.8 m = 15.7 ft		
Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating		Inventory rating 5.6 metric ton = 6.2 tons
	Method to determine operating rating		Operating rating 11.3 metric ton = 12.4 tons
Bridge posting 20.0 - 29.9 % below [2]	Design Load	MS 18+Mod / HS 20+Mod [6]	

Functional Details

Average Daily Traffic	15	Average daily truck traffi		%	Year	1981	Future average daily traffic	15	Year	1977
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	5.8 m = 19.0 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	99.99 m = 328.1 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					
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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	85000	Roadway improvement cost	9000						
	Length of structure improvement	91.4 m = 299.9 ft		Total project cost	100000					
	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

Serious [3]

Appraisal ratings - roadway alignment

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure

Poor [4]

Appraisal ratings - deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Serious [3]

Scour

Channel and channel protection

Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy

Meets minimum tolerable limits to be left in place as is [4]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

19.5

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

December 1989 [1289]

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