

HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

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

Michigan [26]	Oakland County [125]	Royal Oak [70040]	IN ROYAL OAK	42-31-21 = 42.522500	083-10-29 = - 83.174722
634590200072X01	Highway agency district	Owner	Maintenance responsibility		
Route 0	GTW RR	Toll On free road [3]	Features intersected	BENJAMIN	
Design - main	Concrete [1]	Design - approach	Kilometerpoint	183.8 km = 114.0 mi	
	Tee beam [04]		Year built	1930	Year reconstructed
			Skew angle		Structure Flared
			Historical significance		
Total length	25 m = 82.0 ft	Length of maximum span	9.1 m = 29.9 ft	Deck width, out-to-out	Bridge roadway width, curb-to-curb
Inventory Route, Total Horizontal Clearance	10.9 m = 35.8 ft	Curb or sidewalk width - left		Curb or sidewalk width - right	
Deck structure type					
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Inventory rating
0 km = 0.0 mi	Method to determine operating rating	Operating rating
Bridge posting	Design Load	

Functional Details

Average Daily Traffic	<input type="text" value="2510"/>	Average daily truck traffi	<input type="text"/>	%	Year	<input type="text" value="1976"/>	Future average daily traffic	<input type="text"/>	Year	<input type="text"/>
Road classification	<input type="text" value="Collector (Urban) [17]"/>		Lanes on structure	<input type="text" value="0"/>		Approach roadway width	<input type="text"/>			
Type of service on bridge	<input type="text" value="Railroad [2]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Highway, with or without ped"/>		Lanes under structure	<input type="text" value="2"/>		Navigation control	<input type="text"/>			
Navigation vertical clearanc	<input type="text"/>		Navigation horizontal clearance	<input type="text"/>						
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>		Minimum vertical clearance over bridge roadway	<input type="text"/>						
Minimum lateral underclearance reference feature	<input type="text"/>									
Minimum lateral underclearance on right	<input type="text"/>				Minimum lateral underclearance on left	<input type="text"/>				
Minimum Vertical Underclearance	<input type="text"/>		Minimum vertical underclearance reference feature	<input type="text"/>						
Appraisal ratings - underclearances	<input type="text"/>									

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

Appraisal ratings -
structural

Condition ratings - superstructur

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Appraisal ratings -
deck geometry

Condition ratings - deck

Scour

Channel and channel protection

Appraisal ratings - water adequacy

Status evaluation

Pier or abutment protection

Sufficiency rating

Culverts

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

Designated inspection frequency

Months

Underwater inspection

Underwater inspection date

Fracture critical inspection

Fracture critical inspection date

Other special inspection

Other special inspection date