

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	42-29-50 = 42.497222	083-09-14 = - 83.153889
634590200036X01	Highway agency district	Owner	Maintenance responsibility		
Route 0	GTW RR	Toll On free road [3]	Features intersected	CATALPA	
Design - main	Concrete [1]	Design - approach	Kilometerpoint	530.6 km = 329.0 mi	
	Tee beam [04]		Year built	1930	Year reconstructed
			Skew angle		Structure Flared
			Historical significance		
Total length	25.3 m = 83.0 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	12.1 m = 39.7 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	9240	Average daily truck traffi		%	Year	1976	Future average daily traffic		Year	
Road classification	Collector (Urban) [17]	Lanes on structure	0	Approach roadway width						
Type of service on bridge	Railroad [2]	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	2	Navigation control						
Navigation vertical clearanc			Navigation horizontal clearance							
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway						
Minimum lateral underclearance reference feature										
Minimum lateral underclearance on right					Minimum lateral underclearance on left					
Minimum Vertical Underclearance			Minimum vertical underclearance reference feature							
Appraisal ratings - underclearances										

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