

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	42-31-57 = 42.532500	083-10-58 = - 83.182778
634590200068X01	Highway agency district	Owner	Maintenance responsibility		
Route 2059		GTW RR	Toll On free road [3]	Features intersected	FOURTEEN MILE ROAD
Design - main	Concrete [1]	Design - approach		Kilometerpoint	790.5 km = 490.1 mi
	Tee beam [04]			Year built	1930
				Year reconstructed	
				Skew angle	
				Structure Flared	
				Historical significance	
Total length	28.3 m = 92.9 ft	Length of maximum span	10.6 m = 34.8 ft	Deck width, out-to-out	
Inventory Route, Total Horizontal Clearance	13.4 m = 44.0 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	23700	Average daily truck traffi		%	Year	1976	Future average daily traffic		Year	
Road classification	Other Principal Arterial (Urban) [14]		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	4		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