

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 42-30-39 = 42.510833 083-09-55 = - 83.165278

634590200049X01 Highway agency district Owner Maintenance responsibility

Route 0 GTW RR Toll On free road [3] Features intersected WEBSTER RD

Design - main Concrete [1] Design - approach Kilometerpoint 111.5 km = 69.1 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 0 km = 0.0 mi Method to determine inventory rating Inventory rating

Method to determine operating rating Operating rating

Bridge posting Design Load

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure 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 - superstructure

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