

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    42-30-31 = 42.508611    083-09-48 = - 83.163333

634590200139X01    Highway agency district    Owner    Maintenance responsibility

Route 0    GTW RR    Toll On free road [3]    Features intersected NORTHWOOD BLVD

Design - main Concrete [1]    Design - approach    Kilometerpoint 92.2 km = 57.2 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 9.4 m = 30.8 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 0.2 km = 0.1 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