The National Bridge Inventory contains data submitted by state transportion 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

				42-55-39 = 42.927500	085-40-49 = -85.680278
Michigan [26]	Kent County [081]	Grand Rapids [34000]	150 FT EAST OF US 131		

414278400502R01	Highway agency district: 3	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]

Route	2001		BURTON STREET	Toll	On free road [3]	Features intersected	CONRAIL

Design - main: Steel [3]

Design - approach:

2 Stringer/Multi-beam or girder [02]

0 Other [00]

Kilometerpoint: 203.1 km = 125.9 mi

Year built: 1958

Year reconstructed: N/A [0000]

Skew angle: 6

Structure Flared:

Historical significance: Bridge is not eligible for the NRHP. [5]

Total length	65.5 m = 214.9 ft	Length of maximum span	36.5 m = 119.8 ft	Deck width, out-to-out	17.8 m = 58.4 ft	Bridge roadway width, curb-to-curb	13.4 m = 44.0 ft

Inventory Route, Total Horizontal Clearance	13.4 m = 44.0 ft	Curb or sidewalk width - left	1.8 m = 5.9 ft	Curb or sidewalk width - right	1.8 m = 5.9 ft

Deck structure type: Concrete Cast-in-Place [1]

Type of wearing surface: Latex Concrete or similar additive [3]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 0.6 km = 0.4 mi

Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	49.4 metric ton = 54.3 tons
Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	88.1 metric ton = 96.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]

Functional Details

Average Daily Traffic `23199` Average daily truck traffi `12` % Year `2007` Future average daily traffic `38014` Year `2027`

Road classification `Other Principal Arterial (Urban) [14]` Lanes on structure `4` Approach roadway width `13.4 m = 44.0 ft`

Type of service on bridge `Highway-pedestrian [5]` Direction of traffic `2 - way traffic [2]` Bridge median

Parallel structure designation `No parallel structure exists. [N]`

Type of service under bridge `Railroad [2]` Lanes under structure `0` Navigation control `Not applicable, no waterway. [N]`

Navigation vertical clearanc `0 = N/A` Navigation horizontal clearance `0 = N/A`

Minimum navigation vertical clearance, vertical lift bridge `0 m = 0.0 ft` Minimum vertical clearance over bridge roadway `99.99 m = 328.1 ft`

Minimum lateral underclearance reference feature `Feature not a highway or railroad [N]`

Minimum lateral underclearance on right `99.9 = Unlimited` Minimum lateral underclearance on left `0 = N/A`

Minimum Vertical Underclearance `0 = N/A` Minimum vertical underclearance reference feature `Railroad beneath structure [R]`

Appraisal ratings - underclearances `N/A [N]`

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: Open, no restriction [A]

Appraisal ratings - structural: Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - superstructure: Fair [5]

Appraisal ratings - roadway alignment: Equal to present desirable criteria [8]

Condition ratings - substructure: Satisfactory [6]

Appraisal ratings - deck geometry: Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck: Fair [5]

Scour: Bridge not over waterway. [N]

Channel and channel protection: Not applicable. [N]

Appraisal ratings - water adequacy: N/A [N]

Status evaluation: Functionally obsolete [2]

Pier or abutment protection:

Sufficiency rating: 55.7

Culverts: Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings:

Traffic safety features - transitions:

Traffic safety features - approach guardrail:

Traffic safety features - approach guardrail ends:

Inspection date: August 2007 [0807]

Designated inspection frequency: 24 Months

Underwater inspection: Not needed [N]

Underwater inspection date:

Fracture critical inspection: Not needed [N]

Fracture critical inspection date:

Other special inspection: Not needed [N]

Other special inspection date: