

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Illinois [17]	Cook County [031]	Palos [57355]	0.5 M S 107TH P19	41-41-17 = 41.6	087-52-29 = -87.8
000016301804324	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 2697	104TH AVE	Toll On free road [3]	Features intersected	CAL SAG CHANNEL	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 1509.2 km = 935.7 mi	Year built 1964	Year reconstructed N/A [0000]	
1	Truss - Thru [10]	4	Stringer/Multi-beam or girder [02]	Skew angle 27	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 123.7 m = 405.9 ft	Length of maximum span 88.4 m = 290.0 ft	Deck width, out-to-out 9.6 m = 31.5 ft	Bridge roadway width, curb-to-curb 8.5 m = 27.9 ft		
Inventory Route, Total Horizontal Clearance 8.5 m = 27.9 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft	Curb or sidewalk width - right 1.5 m = 4.9 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection	Cathodic Protected [4]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1 km = 0.6 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	32.4 metric ton = 35.6 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	44.1 metric ton = 48.5 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

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	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]
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Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	
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Pier or abutment protection		Sufficiency rating	60.6
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Culverts	Not applicable. Used if structure is not a culvert. [N]
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Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]
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Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]
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Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]
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Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]
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Inspection date	November 2008 [1108]	Designated inspection frequency	24	Months
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Underwater inspection	Not needed [N]	Underwater inspection date	
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Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2008 [1108]
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Other special inspection	Not needed [N]	Other special inspection date	
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