

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**

Illinois [17] Cook County [031] Blue Island [06704] 0.2M.S.VERMONT ST P4 41-39-11 = 41.6 087-40-12 = -87.6

000016500525142 Highway agency district 1 Owner City or Municipal Highway Agency [04] Maintenance responsibility City or Municipal Highway Agency [04]

Route 1090 DIVISION ST Toll On free road [3] Features intersected CAL SAG CHANNEL

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 104.6 km = 64.9 mi

1 Truss - Thru [10] 3 Stringer/Multi-beam or girder [02] Year built 1964 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

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

Total length 113.1 m = 371.1 ft Length of maximum span 88.3 m = 289.7 ft Deck width, out-to-out 14.6 m = 47.9 ft Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft

Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft Curb or sidewalk width - left 2.4 m = 7.9 ft Curb or sidewalk width - right 2.4 m = 7.9 ft

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

Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 0 metric ton = 0.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 0 metric ton = 0.0 tons

Bridge posting Design Load MS 18 / HS 20 [5]

### Functional Details

Average Daily Traffic	509	Average daily truck traffi	1	%	Year	1998	Future average daily traffic	611	Year	2021
Road classification	Local (Urban) [19]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	7.6 m = 24.9 ft		Navigation horizontal clearance	68.5 m = 224.7 ft						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	4.88 m = 16.0 ft						
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

### Repair and Replacement Plans

Type of work to be performed	Work done by Work to be done by contract [1]									
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	855000	Roadway improvement cost	86000						
	Length of structure improvement	113.1 m = 371.1 ft		Total project cost	1283000					
	Year of improvement cost estimate									
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status

Posted for load [P]

Appraisal ratings -  
structural

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Serious [3]

Appraisal ratings -  
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Serious [3]

Appraisal ratings -  
deck geometry

Equal to present minimum criteria [6]

Condition ratings - deck

Poor [4]

Scour

Bridge is scour critical; bridge foundations determined to be unstable. [3]

Channel and channel protection

Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy

Equal to present desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

37.9

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

Inspected feature meets currently acceptable standards. [1]

Inspection date

August 2007 [0807]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

July 2007 [0707]

Other special inspection

Not needed [N]

Other special inspection date