

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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<b>Basic Information</b>		Michigan [26]		Berrien County [021]		Lincoln [47600]		2.6 MI NE OF STEVENSVILLE		42-02-46 = 42.046111		086-29-41 = - 86.494722	
11111015000S190		Highway agency district 5		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]					
Route 2013		CLEVELAND AVE		Toll On free road [3]		Features intersected I-94							
Design - main Steel [3]		Design - approach		Kilometerpoint 3203.4 km = 1986.1 mi		Year built 1960		Year reconstructed N/A [0000]					
4		Stringer/Multi-beam or girder [02]		0		Other [00]		Skew angle 50		Structure Flared			
								Historical significance		Bridge is not eligible for the NRHP. [5]			
Total length 115.8 m = 379.9 ft		Length of maximum span 33.5 m = 109.9 ft		Deck width, out-to-out 10.1 m = 33.1 ft		Bridge roadway width, curb-to-curb 7.9 m = 25.9 ft							
Inventory Route, Total Horizontal Clearance 7.9 m = 25.9 ft		Curb or sidewalk width - left 0.8 m = 2.6 ft		Curb or sidewalk width - right 0.8 m = 2.6 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													

<b>Weight Limits</b>		Bypass, detour length 0.5 km = 0.3 mi		Method to determine inventory rating Allowable Stress(AS) [2]		Inventory rating 40 metric ton = 44.0 tons	
		Method to determine operating rating Allowable Stress(AS) [2]		Operating rating 84.5 metric ton = 93.0 tons			
Bridge posting		Equal to or above legal loads [5]		Design Load MS 18+Mod / HS 20+Mod [6]			

### Functional Details

Average Daily Traffic	9269	Average daily truck traffi	5	%	Year	1997	Future average daily traffic	3710	Year	
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	2	Approach roadway width	11.7 m = 38.4 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	Highway, with or without ped	Lanes under structure	6	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		Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft							
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	3.3 m = 10.8 ft			Minimum lateral underclearance on left	4.6 m = 15.1 ft					
Minimum Vertical Underclearance	5.05 m = 16.6 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

### Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	246000	Roadway improvement cost	13000						
	Length of structure improvement	115.9 m = 380.3 ft		Total project cost	151000					
	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

Equal to present minimum criteria [6]

Condition ratings - superstructure

Satisfactory [6]

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 corrective action [3]

Condition ratings - deck

Satisfactory [6]

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

73.1

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

June 2008 [0608]

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