

HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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	Will County	Channahon	6 MI NE MORRIS	41.396389	-88.330833
32392507607	Highway agency district: 1	Owner City or Municipal Highway Agenc	Maintenance responsibility City or Municipal Highway Agency		
Route 494		DELLOS RD	Toll On free road	Features intersected AUX SABLE CR	
Design - main 3	Masonry	Design - approach 0	Other	Kilometerpoint 175.6	
	Arch - Deck			Year built 1873	Year reconstructed 1967
				Skew angle 0	Structure Flared
				Historical significance	Bridge is eligible for the NRHP.
Total length 122.1	Length of maximum span 35.1	Deck width, out-to-out 22	Bridge roadway width, curb-to-curb 19		
Inventory Route, Total Horizontal Clearance 18.7	Curb or sidewalk width - left 0	Curb or sidewalk width - right 0			
Deck structure type	Other				
Type of wearing surface	Bituminous				
Deck protection					
Type of membrane/wearing surface	Unknown				

Weight Limits

Bypass, detour length 1.1	Method to determine inventory rating Allowable Stress(AS)	Inventory rating 26.7
	Method to determine operating rating Allowable Stress(AS)	Operating rating 36.6
Bridge posting Equal to or above legal loads	Design Load	

Functional Details

Average Daily Traffic	325	Average daily truck traffic	62	%	Year	2005	Future average daily traffic	400	Year	2027
Road classification	Local (Urban)	Lanes on structure	2	Approach roadway width	22	Bridge median				
Type of service on bridge	Highway	Direction of traffic	2 - way traffic							
Parallel structure designation	No parallel structure exists.									
Type of service under bridge	Waterway	Lanes under structure	0							
Navigation vertical clearance	N/A	Navigation control						Navigation horizontal clearance	N/A	
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	Unlimited						
Minimum lateral underclearance reference feature	Feature not a highway or railroad									
Minimum lateral underclearance on right	N/A	Minimum lateral underclearance on left	N/A							
Minimum Vertical Underclearance	N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad							
Appraisal ratings - underclearances	N/A									

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost

0

Roadway improvement cost

0

Length of structure improvement

0

Total project cost

0

Year of improvement cost estimate

Border bridge - state

Border bridge - percent responsibility of other state

Border bridge - structure numbe

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is"/>
Condition ratings - superstructure	<input type="text" value="Fair"/>	Appraisal ratings - roadway alignment	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is"/>
Condition ratings - substructure	<input type="text" value="Fair"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action"/>
Condition ratings - deck	<input type="text" value="Satisfactory"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition."/>		
Channel and channel protection	<input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly."/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present desirable criteria"/>	Status evaluation	<input type="text" value="Functionally obsolete"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="61"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert."/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Inspection date	<input type="text" value="Jun-07"/>	Designated inspection frequency	<input type="text" value="24"/>
Underwater inspection	<input type="text" value="Not needed"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed"/>	Other special inspection date	<input type="text"/>