

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 Cook County Chicago 1.5 M N IL 83 41.645 -87.559167
 16093404567 Highway agency district: 1 Owner State Highway Agency Maintenance responsibility State Highway Agency
 Route 358 TORRENCE AVE Toll On free road Features intersected GRAND CAL RIVER
 Design - main Steel Design - approach Prestressed concrete Kilometerpoint 535.7
 1 Truss - Thru 4 Box beam or girders - Multiple Year built 1938 Year reconstructed 1970
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP.
 Total length 522 Length of maximum span 306.1 Deck width, out-to-out 64 Bridge roadway width, curb-to-curb 44
 Inventory Route, Total Horizontal Clearance 44 Curb or sidewalk width - left 4.9 Curb or sidewalk width - right 4.9
 Deck structure type Concrete Cast-in-Place
 Type of wearing surface Bituminous
 Deck protection
 Type of membrane/wearing surface Built-up

Weight Limits

Bypass, detour length 0.5 Method to determine inventory rating Allowable Stress(AS) Inventory rating 47.5
 Method to determine operating rating Allowable Stress(AS) Operating rating 73.3
 Bridge posting Equal to or above legal loads Design Load M 18 / H 20

Functional Details

Average Daily Traffic	12800	Average daily truck traffi	6	%	Year	2006	Future average daily traffic	36180	Year	2021
Road classification	Other Principal Arterial (Urban)		Lanes on structure	4		Approach roadway width	42			
Type of service on bridge	Highway		Direction of traffic	2 - way traffic		Bridge median				
Parallel structure designation	No parallel structure exists.									
Type of service under bridge	Waterway		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required).			
Navigation vertical clearanc	27.9		Navigation horizontal clearance	210						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	149.9			
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	Work to be done by contract								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry.	Bridge improvement cost	7586	Roadway improvement cost	759						
	Length of structure improvement	943		Total project cost	11379					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

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="Better than present minimum criteria"/>
Condition ratings - substructure	<input type="text" value="Good"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement"/>
Condition ratings - deck	<input type="text" value="Good"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition."/>		
Channel and channel protection	<input type="text" value="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."/>		
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="55.6"/>
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"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="Jul-07"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown"/>	Underwater inspection date	<input type="text" value="Jul-07"/>
Fracture critical inspection	<input type="text" value="Every two years"/>	Fracture critical inspection date	<input type="text" value="Jul-07"/>
Other special inspection	<input type="text" value="Not needed"/>	Other special inspection date	<input type="text"/>