

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

Ohio [39]	Hamilton County [061]	Cincinnati [15000]	N OF I471 & US50 INT	39-06-11.44 = 39.103178	084-30-08.90 = -84.502472
3103390	Highway agency district: 8	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 50	COLUMBIA PARKWAY	Toll On free road [3]	Features intersected IR471,RAMP,EGG,CUL		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 3507.6 km = 2174.7 mi	Year built 1938	Year reconstructed 1997	
7	Truss - Deck [09]	10	Girder and floorbeam system [03]	Skew angle 0	Structure Flared
		Historical significance Bridge is eligible for the NRHP. [2]			
Total length 505.7 m = 1659.2 ft	Length of maximum span 51.8 m = 170.0 ft	Deck width, out-to-out 21.9 m = 71.9 ft	Bridge roadway width, curb-to-curb 17.1 m = 56.1 ft		
Inventory Route, Total Horizontal Clearance 17.1 m = 56.1 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 3.3 m = 10.8 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 0.8 km = 0.5 mi	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating 22.4 metric ton = 24.6 tons
	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating 37.9 metric ton = 41.7 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]

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	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
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	68.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	September 2018 [0918]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2018 [0918]
Other special inspection	Not needed [N]	Other special inspection date	