

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

New York [36]	Orange County [071]	Highlands [34550]	JCT SEVEN LAKES PKWY&PIP	41-18-33.25 = 41.309236	074-01-28.13 = -74.024481
5003390	Highway agency district: 83	Owner State Park, Forest, or Reservation Agen	Maintenance responsibility	State Highway Agency [01]	
Route #Num!	RTE 987E	Toll On free road [3]	Features intersected	RTE 987C	
Design - main	Concrete continuous [2]	Design - approach	Kilometerpoint	27.4 km = 17.0 mi	
2	Arch - Deck [11]	0 Other [00]	Year built	1952	Year reconstructed N/A [0000]
			Skew angle	45	Structure Flared
			Historical significance	Historical significance is not determinable at this time. [4]	
Total length	30.5 m = 100.1 ft	Length of maximum span	13.1 m = 43.0 ft	Deck width, out-to-out	14.9 m = 48.9 ft
				Bridge roadway width, curb-to-curb	11 m = 36.1 ft
Inventory Route, Total Horizontal Clearance	10.9 m = 35.8 ft	Curb or sidewalk width - left	1.3 m = 4.3 ft	Curb or sidewalk width - right	1.3 m = 4.3 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Inventory rating
0 km = 0.0 mi		29.4 metric ton = 32.3 tons
	Method to determine operating rating	Operating rating
		80.9 metric ton = 89.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load
		MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	73	Average daily truck traffi	0	%	Year	2017	Future average daily traffic	95	Year	2038
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	11 m = 36.1 ft			
Type of service on bridge	Highway-pedestrian [5]		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	4		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	2.5 m = 8.2 ft					Minimum lateral underclearance on left	2.5 m = 8.2 ft			
Minimum Vertical Underclearance	3.84 m = 12.6 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	3178000	Roadway improvement cost	1861000						
	Length of structure improvement	30.4 m = 99.7 ft		Total project cost	5038000					
	Year of improvement cost estimate	2018								
	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 [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Superior to present desirable criteria [9]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge not over waterway. [N]"/>		
Channel and channel protection	<input type="text" value="Not applicable. [N]"/>		
Appraisal ratings - water adequacy	<input type="text" value="N/A [N]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="94.3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="August 2017 [0817]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>