

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**

North Carolina [37]	New Hanover County [129]	Wrightsville Beach [7582]	0.8 MI. E. JCT. SR1417	34-13-05.59 = 34.218219	077-48-44.98 = -77.812494
1290012	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 74	US74, US76	Toll On free road [3]	Features intersected	INTRACOASTAL W/W	
Design - main 1	Steel [3] Movable - Bascule [16]	Design - approach 14	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1956
				Year reconstructed	N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	222.8 m = 731.0 ft	Length of maximum span	51.8 m = 170.0 ft	Deck width, out-to-out	20.9 m = 68.6 ft
				Bridge roadway width, curb-to-curb	17.2 m = 56.4 ft
Inventory Route, Total Horizontal Clearance	17.2 m = 56.4 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	1.5 m = 4.9 ft
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	27.2 metric ton = 29.9 tons
15.9 km = 9.9 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	45.4 metric ton = 49.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 9 / H 10 [1]

### Functional Details

Average Daily Traffic	<input type="text" value="14000"/>	Average daily truck traffi	<input type="text" value="12"/>	%	Year	<input type="text" value="2013"/>	Future average daily traffic	<input type="text" value="28000"/>	Year	<input type="text" value="2025"/>
Road classification	<input type="text" value="Other Principal Arterial (Urban) [14]"/>		Lanes on structure	<input type="text" value="4"/>	Approach roadway width	<input type="text" value="18.6 m = 61.0 ft"/>				
Type of service on bridge	<input type="text" value="Highway [1]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designatio	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Highway-waterway [6]"/>		Lanes under structure	<input type="text" value="1"/>	Navigation control	<input type="text" value="Navigation control on waterway (bridge permit required). [1]"/>				
Navigation vertical clearanc	<input type="text" value="6.1 m = 20.0 ft"/>			Navigation horizontal clearance	<input type="text" value="6.1 m = 20.0 ft"/>					
Minimum navigation vertical clearance, vertical lift bridge	<input type="text" value="0 m = 0.0 ft"/>				Minimum vertical clearance over bridge roadway	<input type="text" value="99.99 m = 328.1 ft"/>				
Minimum lateral underclearance reference feature	<input type="text" value="Highway beneath structure [H]"/>									
Minimum lateral underclearance on right	<input type="text" value="3.9 m = 12.8 ft"/>				Minimum lateral underclearance on left	<input type="text" value="3.2 m = 10.5 ft"/>				
Minimum Vertical Underclearance	<input type="text" value="4.01 m = 13.2 ft"/>			Minimum vertical underclearance reference feature	<input type="text" value="Highway beneath structure [H]"/>					
Appraisal ratings - underclearances	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>									

### Repair and Replacement Plans

Type of work to be performed	Work done by <input type="text" value="Work to be done by contract [1]"/>			
<input type="text" value="Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]"/>	Bridge improvement cost	<input type="text" value="0"/>	Roadway improvement cost	<input type="text" value="0"/>
	Length of structure improvement	<input type="text"/>	Total project cost	<input type="text" value="0"/>
	Year of improvement cost estimate	<input type="text"/>		
	Border bridge - state	<input type="text"/>	Border bridge - percent responsibility of other state	<input type="text"/>
	Border bridge - structure number	<input type="text"/>		

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
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. [7]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text" value="In place and functioning [2]"/>	Sufficiency rating	<input type="text" value="47.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="April 2015 [0415]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y48]"/>	Underwater inspection date	<input type="text" value="August 2014 [0814]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="July 2016 [0716]"/>
Other special inspection	<input type="text" value="Every two years [Y24]"/>	Other special inspection date	<input type="text" value="July 2016 [0716]"/>