HistoricBridges.org - National Bridge Inventory Data Sheet

The National Bridge Inventory contains data submitted by state transportion 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 | | | | | | | 34-13-05.59 = | 077-48-44.98 |
|--|------------------------|-----------------------|---------------------------------|---|-------------------------|---------------------|--------------------|----------------|
| North Carolina [37] New Hanover County [129] | | | Wrightsville Beach [7582 | 0.8 MI. E. JCT. SR141 | 7 | | 34.218219 | = -77.812494 |
| 1290012 Highway agency district 3 | | Owner State Highway A | Owner State Highway Agency [01] | | esponsibility | State Highway Age | ncy [01] | |
| Route 74 US74, US76 | | | Toll On fre | e road [3] | eatures intersecte | d INTRACOAS | STAL W/W | |
| Design - Steel [3] main | | Design - approach | | Kilometerpoint 0 k Year built 1956 | m = 0.0 mi Year reco | nstructed N/A [| [0000] | |
| Movable - Bascule [16] | | 14 Oth | Other [00] Skew angle | | Structure Flan | red | | |
| | | | | Historical significance | Bridge is r | not eligible for th | ne 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, Tota | l Horizontal Clearance | 17.2 m = 56.4 ft | t Curb or sidewalk wi | idth - left 1.5 m = 4.9 | 9 ft | Curb or side | walk width - right | 1.5 m = 4.9 ft |
| Deck structure type | 0 | pen Grating [3] | | | | | | |
| Type of wearing surface Other [9] | | | | | | | | |
| Deck protection | | | | | | | | |
| Type of membrane/we | earing surface | | | | | | | |
| | | | | | | | | |
| Weight Limits | | | | | _ | | | |
| Bypass, detour length Method to determine inventory rating | | Load Factor(LF) [1] | Inv | entory rating 27.2 metric ton = 29.9 tons | | | | |
| 15.9 km = 9.9 mi Method to determine operating rating | | | ng Load Factor(LF) [1] | Op | erating rating 4 | 5.4 metric ton = | = 49.9 tons | |
| | Bridge posting | Equal to or above | e legal loads [5] | Des | sign Load M 9 / | H 10 [1] | | |

| Functional Details | | | | | | | |
|--|--|---------------------------|--|--|--|--|--|
| Average Daily Traffic 14000 Average daily to | uck traffi 12 % Year 2013 Futu | ure average daily traffic | 28000 Year 2025 | | | | |
| Road classification Other Principal Arterial (Urban) | [14] Lanes on structure 4 | | Approach roadway width 18.6 m = 61.0 ft | | | | |
| Type of service on bridge Highway [1] | Direction of traffic 2 - way tra | iffic [2] | Bridge median | | | | |
| Parallel structure designatio No parallel structure exists. [N] | | | | | | | |
| Type of service under bridge Highway-waterway [6] | Lanes under structure 1 | Navigation control | Navigation control on waterway (bridge permit required). [1] | | | | |
| Navigation vertical clearanc 6.1 m = 20.0 ft | Navigation horizonta | ol clearance 6.1 m = 20.0 | Oft Control of the Co | | | | |
| Minimum navigation vertical clearance, vertical lift bri | dge 0 m = 0.0 ft | Minimum vertical cleara | ance over bridge roadway 99.99 m = 328.1 ft | | | | |
| Minimum lateral underclearance reference feature F | ighway beneath structure [H] | | | | | | |
| Minimum lateral underclearance on right 3.9 m = 12.8 ft Minimum lateral underclearance on left 3.2 m = 10.5 ft | | | | | | | |
| Minimum Vertical Underclearance 4.01 m = 13.2 ft Minimum vertical underclearance reference feature Highway beneath structure [H] | | | | | | | |
| Appraisal ratings - underclearances Basically intoler | able requiring high priority of corrrective action | n [3] | | | | | |
| Repair and Replacement Plans | | | | | | | |
| Type of work to be performed | Work done by Work to be done by contra | nct [1] | | | | | |
| Bridge rehabilitation because of general structure deterioration or inadequate strength. [35] | Bridge improvement cost 0 | Roadway imp | provement cost 0 | | | | |
| Length of structure improvement | | T | otal project cost 0 | | | | |
| | Year of improvement cost estimate | | | | | | |
| | Border bridge - state | Bor | rder bridge - percent responsibility of other state | | | | |
| | Border bridge - structure number | | | | | | |

| Inspection and Sufficiency | | | | | | | |
|--------------------------------------|---|--|---|---|-------------------------------|--|--|
| Structure status Open, no res | ucture status Open, no restriction [A] | | Somewhat is [5] | omewhat better than minimum adequacy to tolerate being left in place as [5] | | | |
| Condition ratings - superstructur | Good [7] | Appraisal ratings - roadway alignment | Equal to present desirable criteria [8] | | | | |
| Condition ratings - substructure | Fair [5] | Appraisal ratings - | Somewhat better than minimum adequacy to tolerate being left in place as is [5] | | | | |
| Condition ratings - deck | Good [7] | deck geometry | | | | | |
| Scour | Bridge is scour critical; bridge | ge foundations determined | to be unstable | . [3] | | | |
| Channel and channel protection | Bank protection is in need of Banks and/or channel have | | rol devices an | d embankment protection I | have a little minor damage. | | |
| Appraisal ratings - water adequac | Better than present minimu | Better than present minimum criteria [7] | | Status evaluation Func | ion Functionally obsolete [2] | | |
| Pier or abutment protection | In place and functioning [2] | In place and functioning [2] | | Sufficiency rating 47.1 | 47.1 | | |
| Culverts Not applicable. Used | if structure is not a culvert. [N] | | | | | | |
| Traffic safety features - railings | | | | | I | | |
| Traffic safety features - transition | ns | | | | | | |
| Traffic safety features - approach | n guardrail | | | | | | |
| Traffic safety features - approach | n guardrail ends | | | | | | |
| Inspection date April 2015 [0 | Designated ins | spection frequency 24 | M | onths | | | |
| Underwater inspection | Unknown [Y48] | Underwater inspec | ction date | August 2014 [0814] | | | |
| Fracture critical inspection | Every two years [Y24] | Fracture critical ins | spection date | July 2016 [0716] | | | |
| Other special inspection | Every two years [Y24] | Other special insp | ection date | July 2016 [0716] | | | |