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 Info | ormation | | | | | | | | |
|------------------------------------|----------------|---------------------|---------------------|----------------------------------|-------------------------------------|--|--|--|--|
| Illinois [17 | <u>']</u> | Will County [197] | | Unknown [02865] | 1.5 M E OF IL-7 | 41-30-44.24 = 4 088-05-40.13 = -8 | | | |
| 99005600 | 0000000 | Highway age | ncy district: 1 | Owner State Highway A | Agency [01] | Maintenance responsibility State Highway Agency [01] | | | |
| Route 80 | | I- 80 | EB | Toll On fre | e road [3] Fe | eatures intersected DS PLNS RIV & US-6 | | | |
| Design - Steel continuous [4] main | | uous [4] | Design - approach | eel continuous [4] | Kilometerpoint 2128 Year built 1965 | 83 km = 13195.5 mi Year reconstructed 1998 | | | |
| 3 | Truss - Thru | [10] | 24 Str | ringer/Multi-beam or girder [02] | Skew angle 19 | Structure Flared Yes, flared [1] | | | |
| | | | | | Historical significance | Bridge is not eligible for the NRHP. [5] | | | |
| Total leng | th 719.9 m : | = 2362.0 ft Le | ength of maximum | span 110.6 m = 362.9 ft | Deck width, out-to-out | t 14.2 m = 46.6 ft Bridge roadway width, curb-to-curb 12.8 m = 42.0 ft | | | |
| Inventory | Route, Total I | Horizontal Clearand | te 12.8 m = 42.0 | ft Curb or sidewalk wi | othorsion 0 m = 0.0 ft | Curb or sidewalk width - right 0 m = 0.0 ft | | | |
| Deck struc | cture type | | Concrete Cast-in-I | Place [1] | | | | | |
| Type of w | earing surface | е | Latex Concrete or | similar additive [3] | ar additive [3] | | | | |
| Deck prote | ection | | Epoxy Coated Rei | inforcing [1] | rcing [1] | | | | |
| Type of m | embrane/wea | aring surface | | | | | | | |
| | | | | | | | | | |
| Weight Li | mits | | | | | | | | |
| | | Method to deter | mine inventory rati | ing Load Factor (LF) ratio | ng reported by rati Inve | entory rating 19.8 metric ton = 21.8 tons | | | |
| 0.6 km = | U.4 MI | Method to deter | mine operating rat | Load Factor (LF) ration | ng reported by rati Ope | erating rating 33.4 metric ton = 36.7 tons | | | |
| | | Bridge posting | Equal to or abov | ve legal loads [5] | Desi | ign Load MS 18+Mod / HS 20+Mod [6] | | | |

| Functional Details | | |
|---|---|--|
| Average Daily Traffic 42700 Average daily t | ruck traffi 18 % Year 2017 Future average daily tra | offic 63094 Year 2032 |
| Road classification | rban) [11] Lanes on structure 3 | Approach roadway width 16.5 m = 54.1 ft |
| Type of service on bridge Highway [1] | Direction of traffic 1 - way traffic [1] | Bridge median |
| Parallel structure designation The right structure | of parallel bridges carrying the roadway in the direction of the inve | entory. [R] |
| Type of service under bridge Highway-waterway-ra | ilroad [8] Lanes under structure 4 Navigation contr | Navigation control on waterway (bridge permit required). [1] |
| Navigation vertical clearanc 13.1 m = 43.0 ft | Navigation horizontal clearance 91.4 m | = 299.9 ft |
| Minimum navigation vertical clearance, vertical lift br | idge 0 m = 0.0 ft Minimum vertical of | clearance over bridge roadway 99.99 m = 328.1 ft |
| Minimum lateral underclearance reference feature | lighway beneath structure [H] | |
| Minimum lateral underclearance on right 1.8 m = 5.9 | ft Minimum lateral und | erclearance on left 30.4 m = 99.7 ft |
| Minimum Vertical Underclearance 99.99 m = 328.1 | ft Minimum vertical underclearance reference | ce feature Highway beneath structure [H] |
| Appraisal ratings - underclearances Meets minimum | n tolerable limits to be left in place as is [4] | |
| | | |
| Repair and Replacement Plans | | |
| Type of work to be performed | Work done by | |
| | Bridge improvement cost Roadwa | ay improvement cost |
| | Length of structure improvement 0 m = 0.0 ft | Total project cost |
| | Year of improvement cost estimate | |
| | Border bridge - state | Border bridge - percent responsibility of other state |
| | Border bridge - structure number | |

| Inspection and Suf | ficiency | | | | | | | | |
|---------------------------------------|------------------------------------|---------------------------|--|--|---|------------------------|--|--|--|
| Structure status | Open, no res | striction [A] | Appraisal ratings structural | _ Basically in | Basically intolerable requiring high priority of corrrective action [3] | | | | |
| Condition ratings - s | superstructure | Serious [3] | Appraisal ratings roadway alignmen | The second secon | Equal to present desirable criteria [8] | | | | |
| Condition ratings - s | substructure | Fair [5] | Appraisal ratings | Meets mini | mum tolerable limits to be left | n place as is [4] | | | |
| Condition ratings - o | Condition ratings - deck Satis | | deck geometry | | | | | | |
| Scour | | Bridge foundat | ons determined to be stable for the | assessed or calcu | lated scour condition. [8] | | | | |
| Channel and channel protection | | | n is in need of minor repairs. River hannel have minor amounts of drift | | d embankment protection have | a little minor damage. | | | |
| Appraisal ratings - v | Appraisal ratings - water adequacy | | nt desirable criteria [8] | | Status evaluation Structura | lly deficient [1] | | | |
| Pier or abutment pr | otection | In place but in | a deteriorated condition [3] | | Sufficiency rating 7.5 | | | | |
| Culverts Not appl | icable. Used | if structure is not a cul | vert. [N] | | | | | | |
| Traffic safety featu | res - railings | | Inpected feature meets currently | | | | | | |
| Traffic safety features - transitions | | | Inpected feature meets currently | | | | | | |
| Traffic safety featu | res - approach | n guardrail | Inpected feature meets currently acceptable standards. [1] | | | | | | |
| Traffic safety featu | res - approach | n guardrail ends | | | | | | | |
| Inspection date | May 2018 [0 | 518] De | signated inspection frequency | 12 Mo | onths | | | | |
| Underwater inspe | ction | Unknown [Y60] | Underwater in | nspection date | May 2018 [0518] | | | | |
| Fracture critical in | · | Every year [Y12] | | cal inspection date | May 2018 [0518] | | | | |
| Other special insp | Other special inspection Unknown | | Other special | l inspection date | February 1999 [299] | | | | |

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| Basic Info | rmation | | | | | | | | | | | | | |
|-------------------------------|---------------------|--------|----------------------------|---------|------------------------------------|---------------------------------|----------------------------------|------------------------|--|-----------------------------------|-----------------------|----------------|----------------|----------------------|
| Illinois [17] | | Will | Will County [197] | | | Unkn | Unknown [02865] 1.5 M E OF IL-7 | | | 41-30-43.99 = 4 088-05-39.18 = -8 | | | | 088-05-39.18 = -8 |
| 99005700000000 | | | Highway agency district: 1 | | Own | Owner State Highway Agency [01] | | | Maintenance responsibility State Highway Agency [01] | | ncy [01] | | | |
| Route 80 | | | | I- 80 W | ′B | | Toll On f | ree road [3] | Fea | atures intersect | ed DS PLN | IS RIV & US- | 6 | |
| Design - Steel continuous [4] | | | Design - Steel c | | ious [4] | Kilometerpoint | | 4.6 km = 13196 | | 1000 | | | | |
| 3 | 3 Truss - Thru [10] | | | 24 | Stringer/Multi-beam or girder [02] | | Year built 1965 2] Skew angle 19 | | Structure Fla | L | 1998 s, flared [1] | | | |
| | | | | | | | | Historical significa | ance | Bridge is | not eligible | for the NRHP | ·. [5] | |
| Total lengt | h 701 m = | 2300 | .0 ft | Leng | gth of maxim | um span 110 | .6 m = 362.9 ft | Deck width, out- | -to-out | 14.2 m = 46.6 | ft Bridge | roadway widt | th, curb-to-cu | urb 12.8 m = 42.0 ft |
| Inventory F | Route, Total | Horiz | ontal Clea | rance | 12.8 m = 42 | 2.0 ft | Curb or sidewalk | width - left 0 m = | 0.0 ft | | Curb or | sidewalk wid | th - right | 0 m = 0.0 ft |
| Deck struc | ture type | | | Со | oncrete Cast-in-Place [1] | | | | | | | | | |
| Type of we | earing surface | ce | | Lat | tex Concrete | or similar ad | similar additive [3] | | | | | | | |
| Deck prote | ection | | | Ер | oxy Coated | Reinforcing [1 |] | | | | | | | |
| Type of me | embrane/we | earing | surface | | | | | | | | | | | |
| Weight Lir | mits | | | | | | | | | | | | | |
| 3. | letour length | ı N | lethod to d | etermir | ne inventory | rating | Load Factor (LF) ra | nting reported by rati | Inven | ntory rating | 19.8 metric | ton = 21.8 tor | ns | |
| 0.6 km = 0 | 0.4 mi | N | lethod to d | etermir | ne operating | rating | Load Factor (LF) ra | ating reported by rati | Opera | ating rating | 33 metric to | n = 36.3 tons | | |
| | | В | ridge posti | ng E | Equal to or a | oove legal loa | ids [5] | | Desig | gn Load MS 1 | 18+Mod / HS | S 20+Mod [6] | | |

| Functional Details | | | |
|---|---|---|---------------------------------------|
| Average Daily Traffic 42700 Average daily tr | uck traffi 18 % Year 2017 Fu | ture average daily traffic 63094 Year | 2032 |
| Road classification | ban) [11] Lanes on structure 3 | Approach roadway | width 16.5 m = 54.1 ft |
| Type of service on bridge Highway [1] | Direction of traffic 1 - way tr | affic [1] Bridge med | lian |
| Parallel structure designation The left structure of | parallel bridges. This structure carries traffi | c in the opposite direction. [L] | |
| Type of service under bridge Highway-waterway-rail | road [8] Lanes under structure 4 | Navigation control Navigation control on w | aterway (bridge permit required). [1] |
| Navigation vertical clearanc 13.1 m = 43.0 ft | Navigation horizont | al clearance 91.4 m = 299.9 ft | |
| Minimum navigation vertical clearance, vertical lift brid | dge 0 m = 0.0 ft | Minimum vertical clearance over bridge roadwa | y 99.99 m = 328.1 ft |
| Minimum lateral underclearance reference feature H | ghway beneath structure [H] | | |
| Minimum lateral underclearance on right 1.8 m = 5.9 | ft | Minimum lateral underclearance on left 30.4 m = 9 | 99.7 ft |
| Minimum Vertical Underclearance 99.99 m = 328.1 f | Minimum vertical und | lerclearance reference feature Highway beneath | structure [H] |
| Appraisal ratings - underclearances Meets minimum | tolerable limits to be left in place as is [4] | | |
| | | | |
| Repair and Replacement Plans | | | |
| Type of work to be performed | Work done by | | |
| | Bridge improvement cost | Roadway improvement cost | |
| | Length of structure improvement 0 | m = 0.0 ft Total project cost | |
| | Year of improvement cost estimate | | |
| | Border bridge - state | Border bridge - percent resp | ponsibility of other state |
| | Border bridge - structure number | | |

| Inspection and Suf | ficiency | | | | | | | | |
|-----------------------|------------------------------------|---------------------------|---|--------------------------|--|---|--|--|--|
| Structure status | Open, no res | striction [A] | Appraisal ra structural | atings - Basica | Basically intolerable requiring high priority of replacement [2] | | | | |
| Condition ratings - s | superstructure | Critical [2] | Appraisal ra roadway ali | attrigs | Equal to present desirable criteria [8] | | | | |
| Condition ratings - s | substructure | Satisfactory [6] | Appraisal r | attrigs | s minimum tolerable limi | ts to be left in place as is [4] | | | |
| Condition ratings - o | Condition ratings - deck Fair | | deck geom | ietry | | | | | |
| Scour | | Bridge foundat | ons determined to be stable | for the assessed or | calculated scour conditi | ion. [8] | | | |
| Channel and chann | Channel and channel protection | | n is in need of minor repairs. hannel have minor amounts (| | es and embankment pro | otection have a little minor damage. | | | |
| Appraisal ratings - v | Appraisal ratings - water adequacy | | nt desirable criteria [8] | | Status evaluation | tatus evaluation Structurally deficient [1] | | | |
| Pier or abutment pr | otection | In place but in | a deteriorated condition [3] | | Sufficiency rating | 6 | | | |
| Culverts Not appl | icable. Used | if structure is not a cul | /ert. [N] | | | | | | |
| Traffic safety featu | res - railings | | Inpected feature meets currently acceptable standards. [1] | | | | | | |
| Traffic safety featu | res - transition | ns | Inpected feature meets curr | | | | | | |
| Traffic safety featu | res - approach | n guardrail | Inpected feature meets currently acceptable standards. [1] | | | | | | |
| Traffic safety featu | res - approach | n guardrail ends | | | | | | | |
| Inspection date | April 2018 [0 | 418] De | signated inspection frequenc | cy 12 | Months | | | | |
| Underwater inspe | ction | Unknown [Y60] | Underw | vater inspection date | May 2018 [05 | 18] | | | |
| Fracture critical in | | Every year [Y12] | | e critical inspection of | | | | | |
| Other special insp | Other special inspection Unknown | | Other s | special inspection da | February 1999 | 9 [299] | | | |