# STATE OF OHIO BRIDGE INSPECTION REPORT

Structure File Number: 1802402 Inventory Bridge Number: CUY-00017-1227 \_(1802402) SR 17 BROOKPARK RD over I-480 (GRANGER) Inspection Type: Routine Inspection Date: 07/13/2020

District: 12

County: 18 - Cuyahoga

Place Code (FIPS): 09274

Bridge Type:

4 - Steel continuous

02 - Stringer/Multi-beam or Girder

N- Not Applicable

Type of Service:

5 - Highway-pedestrian

Maintenance Responsibility: 01 - State Highway Agency Inspection Responsibility: 01 - State Highway Agency Routine Maintenance Responsibility: 01 - State Highway Agency

Lead Inspector: Gerstenslager, Michael Reviewed by: Youssef Seif

#### PAGE NUMBER LOCATION MAP 4 EXECUTIVE SUMMARY 5 NATIONAL BRIDGE INVENTORY 6 OHIO BRIDGE INVENTORY 9 ELEMENTS 13 UNDER RECORDS 15 CHANNEL BED MEASUREMENTS 16 MAINTENANCE NEEDS 17 MAINTENANCE NEEDS PICTURES 18 PICTURES 19 SKETCHES 20 21 **REVIEWER COMMENTS** LOAD RATING COMMENTS 22 **INSPECTOR COMMENTS - COMPLEX** 23 24 HISTORIC BRIDGE DATA **HISTORICAL PHOTOS** 28

# **Ohio Bridge Inspection Summary Report**

| 2: District 12 09274 - | BROOKLYN HEIGHTS (CUY county) |
|------------------------|-------------------------------|
| 21: Major Maint A/B    | 01 - State Highway Agency /   |

- 21: Major Maint A/B 01 - State Highway Agency
- 225 Routine Main A/B 01 State Highway Agency
- 221 Inspection A/B 220: Inv. Location CUY

/

/

01 - State Highway Agency

# CUY-00017-1227 (1802402)

5A: Inventory Route 00017 1 7: Facility On SR 17 BROOKPARK RD 6: Feature Ints I-480 (GRANGER) 9: Location JCT. SR-17 WITH I-480

|   | Condition  | Str                                       | ucture Type  |
|---|--|---|--|
| 58: Deck  | 6 - Satisfactory Condition   | 43: Bridge Type 4 - St                    | eel continuous   |
| 58.01 Wearing Surface                                 | 6 - Satisfactory (1-10% distress)  | 02 - S                                    | Stringer/Multi-beam or Girder  |
| 58.02 Joint   | 7- Good (no leaking)   | N- Not Applicable                         |  |
| 59: Superstructure                                    | 6 - Satisfactory Condition   | 45: Spans Main / Approa                   | ach 5 / 0  |
| 59.01 Paint & PCS                                     | 2 - Critical PCS (30-40% corr.)  | 107: Deck Type                            | 1 - Concrete Cast-in-Place   |
| 60: Substructure                                      | 7 - Good Condition   | 408: Composite Deck                       | N - Non-composite Construction   |
| 61: Channel   | N - Not Applicable   | 414A Joint Type 1                         | 2 - Sliding Metal Plate Angle  |
| 61.01 Scour   | N - Not Applicable   | 414B: Joint Type 2                        | N - None   |
| 62: Culverts<br>67.01 GA                              | N - Not Applicable<br>6  | 108A: Wearing Surface                     | <ul> <li>2 - Integral Concrete (separate<br/>non-modified layer of concrete<br/>added to structural deck)</li> <li>1- Super Plasticized</li> </ul> |
|   | Appraisal  | 422: WS Date                              | 01/06/2001   |
| 26: Doil Tr. Cd. Torm Std.                            | 1 0 1 1  | 423: WS Thick (in)                        | 1.8  |
| 36: Rail, Tr, Gd, Term Std<br>72: Approach Alignment  | 8 - Equal to present desirable criteria  | 482: Protective Coating                   | 3 - Paint System A   |
| 113: Scour Critical                                   | N - Not over waterway  | 483: PCS Date                             | 01/01/1976   |
| 71: Waterway Adequacy                                 | N - Not Over waterway<br>N - Not Applicable  | 453: Bearing Type 1                       | 2 - Rockers & Bolsters   |
|   |  | 455: Bearing Type 2                       | N - None   |
|   | Geometric  | 528: Foundn: Abut Fwd                     | 1 - Steel H Piles (Other size)   |
| 48: Max Span Length (ft)                              | 121.0  | 533: Foundn: Abut Rear                    | 1 - Steel H Piles (Other Size)   |
| 49: Structure Length (ft)                             | 484.0  | 536: Foundn: Pier 1                       | 4 - Spread Footing   |
| 52: Deck Width, Out-To-Ou                             | ut (ft) 72.4   | 539: Foundn: Pier 2                       | 0 - Other  |
| 424: Deck Area (sf)                                   | 35048.0  | ٨٥  | e and Service  |
| 32: Appr Roadway Width (1                             | it) 60.0   |   |  |
| 51: Road Width, Curb-Curk                             | o (ft) 60.0  | 27: Year Built/ 106 Reha                  |  |
| 50A: Curb/SW Width: Left                              | (ft) 5   | 42A: Service On                           | 5 - Highway-pedestrian   |
| 50A: Curb/SW Width: Righ                              | t (ft) 5   | 42B: Service Under                        | 1 - Highway, with or w/out<br>pedestrian   |
| 34: Skew (deg)  | 48   | 28A: Lanes on                             | 04   |
| 33: Bridge Median                                     | 2 - Closed median (no  | 28B: Lanes Under                          | 12   |
| EAD, Min Vort Lindowsland                             | barrier)   | 19: Bypass Length                         | 1  |
| 54B: Min Vert Undercleara                             |  | 29: ADT                                   | 16916  |
| 336A: Min Vert Clrnce IR C                            |  | 109: % Trucks (%)                         | 5  |
| 336B: Min V CIr IR Non-Ca<br>578: Culvert Length (ft) | urdinal (ft) 0<br>0  |   |  |
|   |  |   | pections   |
|   | Load Posting   | 00: Pouting Inch                          | Months   |
| 41: Op/Post/Closed                                    | A - Open   | 90: Routine Insp.                         | 12 07/13/2020  |
| 70: Posting 5 - Equal to                              | or above legal loads   | 92A: FCM Insp. N<br>92B: Dive Insp. N     |  |
| 70.01: Date   |  |   |  |
| 70.02: Sign Type                                      |  | 92C: Special Insp. N<br>92D: UBIT Insp. N |  |
| 734: Percent Legal (%)                                | 150  | 92D: UBIT Insp. N<br>92E: Drone Insp.     |  |
| 704: Analysis Date                                    | 07/01/1900   | SZE: Dione Insp.                          |  |
| 63: Analysis Method                                   | 7 - Allowable Stress (AS) rating reported<br>by rating factor (RF) method using MS18<br>loading. | Inspector Gerstenslag                     | jer,Michael  |

**Location Map** 

#### **Bridge Inspection Report**

**Bridge Inspection Report** 

## CUY-00017-1227 \_(1802402)

Facility Carried: SR 17 BROOKPARK RD

Feature Inters:

I-480 (GRANGER)

Location: CUY

Traffic On: 5 - Highway-pedestrian Traffic Under: 1 - Highway, with or w/out pedestrian JCT. SR-17 WITH I-480

Reviewer Youssef Seif

07/01/1977 Date Built: Rehab Date: Insp. 01 - State Highway Agency Resp A: Insp Resp B:

#### 09274 - BROOKLYN HEIGHTS (CUY county) Gerstenslager,Michael Inspection Date 07/13/2020 Inspector

ODOT District: 12

FIPS Code:

Major Maint: 01 - State Highway Agency Routine Maint: 01 - State Highway Agency

#### **National Bridge Inventory**

| Status   | 0 - ND                        |                               | Sufficiency Rating                         |                            | 97.4                  |
|--|-------------------------------|-------------------------------|--|----------------------------|-----------------------|
| Identification   |                               | Inspections                   |  |                            |                       |
| (1) State Code   | 395 - Ohio                    |                               | (90) Inspection Date                       |                            | 07/13/20<br>20        |
| (8) Structure File Number (SFN)  | 1802402                       |                               | (91) Designated Inspection F               | Frequency                  | 12                    |
| (7) Facility Carried   | SR 17 BROOKPA                 | RK RD                         | (92) Critical Feature Inspecti             | ion                        | (93) CFI Date         |
| (208) Route on the Bridge  | 10 State (ODOT)               |                               | A. Fracture Critical Detai                 | il N                       |                       |
|  | 10 - State (ODOT)             | 10 - State (ODOT) (Toll Free) | B. Underwater Inspection                   | n N                        |                       |
| (2) Highway Agency District  | 12                            |                               | C. Other Special Inspect                   | ion N                      |                       |
| (3) County Code  | 18 - Cuyahoga                 |                               | D.01 Snooper Inspection                    | n N                        |                       |
| (209) Interstate Mile Marker   |                               |                               | E.01 Drone Inspection                      |                            |                       |
| (201) Special Designation  |                               |                               |  | Condition                  |                       |
| (4) Place Code (FIPS)  |                               | YN HEIGHTS (CUY               |  | Condition                  |                       |
| (5) Inventory Route  | county)                       |                               | (58) Deck                                  | 6 - Satisfactory Condition |                       |
| (A) Record Type On/Under<br>Always "On"  | 1: Route carried "            | on" the structure             |  |                            |                       |
| (B) Route Signing Prefix<br>(Highway System)   | 3 - STATE HIGHV               | /AY                           | (58.01) Wearing Surface                    | 6 - Satisfactory (1-10% di | stress)               |
| (C) Designated Level of<br>Service (Highway<br>Designation)                          | 1 - MAINLINE                  |                               | (58.02) Expansion Joint                    | 7- Good (no leaking)       |                       |
| (D) Route Number   | 00017                         |                               |  |                            |                       |
| (E) Directional Suffix   | 2 - EAST                      |                               | (59) Superstructure 6 - Satisfactory Con   |                            |                       |
| (6) Features Intersected   | I-480 (GRANGER                | )                             |  |                            |                       |
| (9) Location   | JCT. SR-17 WITH               | I-480                         | (59.01) Protective Coating<br>System (PCS) | 2 - Critical PCS (30-40%)  | corr.)                |
| (11) Milepoint   | 12.270                        |                               |  |                            |                       |
| (12) Base Highway Network  | Inventory Route is<br>Network | not on the Base               | (60) Substructure                          | 7 - Good Condition         |                       |
| (13A) LRS Inventory Route  | Network                       |                               |  |                            |                       |
| (13B) Subroute Number  |                               |                               | (61) Channel & Channel<br>Protection       | N - Not Applicable         |                       |
| (16) Latitude  | 41.41957                      | Degrees                       |  |                            |                       |
| (17) Longitude   | -81.68150                     | Degrees                       | (61.01) Scour                              | N - Not Applicable         |                       |
| (16.01) Latitude - Ohio  | 41.419572                     |                               |  |                            |                       |
| (17.01) Longitude - Ohio   | -81.681503                    |                               | (62) Culvert                               | N - Not Applicable         |                       |
| (98A) Border Bridge State<br>Code  |                               |                               |  |                            |                       |
| (98B) Border Bridge State<br>Percent Responsibility<br>(99) Border Bridge Struct No. |                               |                               | (67.01) General Appraisal                  | 6 - Satisfactory Condition | (minor deterioration) |

| ODOT District: 12  |  | 1227 _(1802402)   | Date Built: 07/01/1977  |
|--|--|---|---|
| Major Maint: 01 - State Highway Ag   |  | 3 3 1 1   |   |
| Routine Maint: 01 - State Highway Ag<br>FIPS Code: 09274 - BROOKLYN H  | ency Feature Inters: I-480 (GRANGER)<br>IEIGHTS (CUY county) Location: CUY   | Traffic Under: 1 - Highway, with<br>pedestrian<br>JCT. SR-17 WITH I-480   | h or w/out Insp. 01 - State Highway Agency<br>Resp A:<br>Insp   |
| Inspect  |  | 07/13/2020 Reviewer Yousse  | Resp B:   |
| Structur   | e Type and Material  |   | d Rating and Posting  |
| (43) Main Structure Type A   | 4 - Steel continuous   | (31) Design Load  | 6 - HS 20+Mod   |
| В  | 02 - Stringer/Multi-beam or Girder   | (63) Operating Rating<br>Method   | 7 - Allowable Stress (AS) rating reported by rating factor (RF) method using MS18 loading.  |
| С  | N- Not Applicable  | (64) Operating Rating<br>Factor   | 1.3   |
| (44) Approach Type A   | 0 - Other  | (65) Inventory Rating<br>Method   | 7 - Allowable Stress (AS) rating reported by rating factor (RF) method using MS18 loading.  |
| В  | 00 - Other   | (66) Inventory Rating Factor  | 1   |
| С  | N- Not Applicable  | (41) Structure Open, Posted, or Closed to Traffic   | A - Open  |
| (45) Number of Spans in Main U   | nit 5  | (70) Bridge Posting   | 5 - Equal to or above legal loads   |
| (46) Number of Approach Spans  | 0  | (70.01) Date Posted   |   |
| (107) Deck Structure Type  | 1 - Concrete Cast-in-Place   | (70.02) Posted Sign Type  |   |
| (107.01)   |  | (70.03) Posted Weight   |   |
| (108B) External Deck<br>Protection   | 3 - Ероху  |   |   |
| (108C) Internal Deck<br>Protection   | 9 - Other  |   |   |
| (422) Wearing Surface Date   | 01/06/2001   |   |   |
|  |  |   |   |
| (108A) Wearing Surface Type  | <ol> <li>Integral Concrete (separate non-<br/>modified layer of concrete added to<br/>structural deck)</li> </ol>  |   | Appraisal   |
| (108A) Wearing Surface Type<br>(108A.01)   | modified layer of concrete added to  | (67) Structural Evaluation  | Appraisal<br>6 - Equal to present minimum criteria  |
|  | modified layer of concrete added to structural deck)   | (67) Structural Evaluation<br>(68) Deck Geometry  |   |
| (108A.01)<br>(423) Wearing Surface   | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized  |   | 6 - Equal to present minimum criteria   |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date   | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in  | (68) Deck Geometry<br>(69) Underclearances,   | 6 - Equal to present minimum criteria<br>5 - Somewhat better than minimum adequacy  |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date   | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976  | (68) Deck Geometry<br>(69) Underclearances,<br>Horizontal and Vertical  | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> </ul>   |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date   | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976<br>ge of Service   | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway</li> </ul>  | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> </ul>   |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date<br><b>A</b><br>(27) Year Built  | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976<br>ge of Service<br>1977   | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway<br/>Alignment</li> </ul>  | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> </ul>   |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date<br>(27) Year Built<br>(263) Date Built  | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976<br>ge of Service<br>1977<br>07/01/1977   | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway<br/>Alignment</li> <li>(36) Traffic Safety Feature</li> </ul>   | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> <li>8 - Equal to present desirable criteria</li> </ul>  |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date<br>(27) Year Built<br>(263) Date Built<br>(106) Year Reconstructed  | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976<br>ge of Service<br>1977<br>07/01/1977   | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway<br/>Alignment</li> <li>(36) Traffic Safety Feature</li> <li>A. Bridge Railings:</li> </ul>  | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> <li>8 - Equal to present desirable criteria</li> <li>1 - Meets acceptable standards</li> <li>0 - Does not meet acceptable standards/safety</li> </ul>   |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date<br>(483) Protective Coating<br>System Date<br>(27) Year Built<br>(263) Date Built<br>(106) Year Reconstructed<br>(264) Major Reconstruction Date<br>(42) Type of Service  | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976<br>ge of Service<br>1977<br>07/01/1977   | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway<br/>Alignment</li> <li>(36) Traffic Safety Feature</li> <li>A. Bridge Railings:</li> <li>B. Transitions:</li> <li>C. Approach Guardrail</li> </ul>                                      | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> <li>8 - Equal to present desirable criteria</li> <li>1 - Meets acceptable standards</li> <li>0 - Does not meet acceptable standards/safety feature is required</li> </ul>   |
| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date<br>(483) Protective Coating<br>System Date<br>(27) Year Built<br>(263) Date Built<br>(106) Year Reconstructed<br>(264) Major Reconstruction Date<br>(42) Type of Service<br>On 5 - Highway-pedes  | modified layer of concrete added to<br>structural deck)<br>1- Super Plasticized<br>1.8 in<br>01/01/1976<br>ge of Service<br>1977<br>07/01/1977   | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway<br/>Alignment</li> <li>(36) Traffic Safety Feature</li> <li>A. Bridge Railings:</li> <li>B. Transitions:</li> <li>C. Approach Guardrail</li> </ul>                                      | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> <li>8 - Equal to present desirable criteria</li> <li>1 - Meets acceptable standards</li> <li>0 - Does not meet acceptable standards/safety feature is required</li> <li>1 - Meets acceptable standards</li> </ul>   |
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| (108A.01)<br>(423) Wearing Surface<br>Thickness<br>(483) Protective Coating<br>System Date<br>(483) Protective Coating<br>System Date<br>(27) Year Built<br>(263) Date Built<br>(106) Year Reconstructed<br>(264) Major Reconstructed<br>(264) Major Reconstruction Date<br>(42) Type of Service<br>On 5 - Highway-pedes<br>Under 1 - Highway, with o<br>(28) Lanes                                | modified layer of concrete added to<br>structural deck)  1- Super Plasticized  1.8 in 01/01/1976   ge of Service  1977 07/01/1977  trian r w/out pedestrian On 04 Under 12                             | <ul> <li>(68) Deck Geometry</li> <li>(69) Underclearances,<br/>Horizontal and Vertical</li> <li>(71) Waterway Adequacy</li> <li>(72) Approach Roadway<br/>Alignment</li> <li>(36) Traffic Safety Feature</li> <li>A. Bridge Railings:</li> <li>B. Transitions:</li> <li>C. Approach Guardrail</li> <li>D. Approach Guardrail Ender</li> </ul> | <ul> <li>6 - Equal to present minimum criteria</li> <li>5 - Somewhat better than minimum adequacy</li> <li>6 - Equal to present minimum criteria</li> <li>N - Not Applicable</li> <li>8 - Equal to present desirable criteria</li> <li>1 - Meets acceptable standards</li> <li>0 - Does not meet acceptable standards/safety feature is required</li> <li>1 - Meets acceptable standards</li> <li>s 1 - Meets acceptable standards</li> </ul> |
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#### CUY-00017-1227 (1802402)

| ODOT District: 12  | CUY-00017-                                   | -1227 _(1802402) Date Bui   | lt: 07/01/1977            |
|--|--|---|---------------------------|
| Major Maint: 01 - State Highway  | Agency Facility Carried: SR 17 BROOKPARK     | RD Traffic On: 5 - Highway-pedestrian Rehab D                         | ate:                      |
| Routine Maint: 01 - State Highway  | Agency Feature Inters: I-480 (GRANGER)       | Traffic Under: 1 - Highway, with or w/out Insp.<br>pedestrian Resp A: | 01 - State Highway Agency |
| FIPS Code: 09274 - BROOKLY   | (N HEIGHTS (CUY county) Location: CUY        | JCT. SR-17 WITH I-480 Insp<br>Resp B:                                 |                           |
| Ins  | pector Gerstenslager,Michael Inspection Date | 07/13/2020 Reviewer Youssef Seif                                      |                           |
|  | Classification                               | Geometric Data  |                           |
| (112) NBIS Bridge  | Yes  | (48) Longest Span   | 121.0 Ft.                 |
| (104) Highway System of the<br>Inventory Route                               | 0 - Structure/Route is NOT on NHS            | (49) Structure Length   | 484.0 Ft.                 |
| (26) Functional Classification of Inventory Route                            | 16 - Urban - Minor Arterial                  | (50A) Curb/Sidewalk Left Side - Width                                 | 5 Ft.                     |
|  |  | (50B) Curb/Sidewalk Right Side - Width                                | 5 Ft.                     |
| (100) Strahnet Highway<br>Designation  | Not a STRAHNET route                         | (51) Brdg Roadway Width Curb-to-Curb                                  | 60.0 Ft.                  |
| (101) Parallel Structure<br>Designation                                      | N - No parallel structure                    | (52) Deck Width, Out-to-Out   | 72.4 Ft.                  |
| (102) Direction of Traffic   | 2-way traffic                                | (32) Approach Roadway Width   | 60.0 Ft.                  |
| (103) Temporary Structure<br>Design  |  | (33) Bridge Median 2 - Closed median (no                              | oarrier)                  |
| (105) Federal Lands<br>Highways  | Not Applicable                               | (34) Skew   | 48 Deg.                   |
| (110) Designated National<br>Network   | Inventory route not on network               | (35) Structure Flared 0 - No flare                                    |                           |
| (20) Toll  | 3 - On Free Road                             | Clearances  |                           |
| (225) Routine Maintenance<br>Responsibility                                  | A.<br>01 - State Highway Agency              | (10) Practical Maximum Vertical Clearance                             | 99 Ft.                    |
|  | В.   | (53) Minimum Vertical Clearance Over Bridge Roadwa                    | ay 99 Ft.                 |
| (21) Maintenance<br>Responsibility<br>(21B) Major Maint.<br>Responsibility B | 01 - State Highway Agency                    | (47) Total Horizontal Clearance (Inventory Route)                     | 60 Ft.                    |
| (221) Inspection Program<br>Responsibility                                   | A.<br>01 - State Highway Agency              | (54) Minimum Vertical Under Clearance                                 | B. 19.38 Ft.              |
|  | В.   | A. H - Highway beneath s  | ructure                   |
| (22) Owner   | 01 - State Highway Agency                    | (56) Minimum Lateral Under Clearance on Left                          | 11 Ft.                    |
| (37) Historical Significance   | 5 - Not eligible                             | (55) Minimum Lateral Under Clearance on Right                         | B. 15 Ft.                 |
|  | Navigation Data                              | A. H - Highway beneath s  | ructure                   |
| (38) Navigation Control  | N - Not applicable, no waterway              | Inventory Route Clearance   | es                        |
| (39) Nav Vert Clearance  | 0.0 Ft.                                      | NBI 005A: On/Under 1: Route carried "or                               |                           |

NBI 005A: On/Under 1: Route carried "on" the structure (40) Nav Horizontal Clearance 0.0 Ft. NBI 005D: Route No. 00017 (111) Pier or Abutment Protection Cardinal Non-Cardinal **Direction Direction** (116) Minimum Navigation Vertical Clearance, Vertical Lift Bridge 0.0 Ft. (336) Minimum Vertical Clearance on IR Ft. 99 Ft. 0 (335) Minimum Horizontal Clearance on IR Ft. 60 Ft. 0

#### Ohio Bridge Inventory

| General                                       |                          |  |  |
|---|--------------------------|--|--|
| (203) Bridge Name (Dedicated Name)            |                          |  |  |
| (204) Ohio Designated MPO                     | 08 - NOACA (Cleveland)   |  |  |
| (205) Route Number Extension                  |                          |  |  |
| (206) Inventory Preferred Route               | NP - Non Preferred Route |  |  |
| (5.01) Priority System Code (Inventory Route) |                          |  |  |
| (213) NLF_ID Inventory Route                  | SCUYSR00017**C           |  |  |
| (218) Major Bridge                            | N - No                   |  |  |
| (220) Inventory Location                      | CUY                      |  |  |
| (226) Seismic Susceptibility                  | N - not applicable       |  |  |
| (227) GASB                                    | Y - Yes                  |  |  |
| (236) Future Traffic Factor                   | 1.388                    |  |  |
| (245) Aperture Cards Fabrication              | 1 - Yes                  |  |  |
| (246) Aperture Cards Original                 | 1 - Yes                  |  |  |
| (247) Aperture Cards Repair                   | 2 - No                   |  |  |
| (248) Original Construction Project Number    | 050474                   |  |  |
| (251) Standard Drawing Number                 |                          |  |  |
| (252) Microfilm Reel Number                   | CUY040                   |  |  |
| (261) Bridge Remarks                          |                          |  |  |

#### CUY-00017-12270-

| (265) Electric Line Present  | Y - Bridge carries this utility |
|------------------------------|---------------------------------|
| (266) Gas Line Present       | U - Unknown                     |
| (269) Sanitary Sewer Present | U - Unknown                     |
| (306) NBIS Bridge Length     | 484                             |
| (207) Route Under the Bridge | 10                              |

| Inventory Route Clearances         |          |   |     |  |  |
|------------------------------------|----------|---|-----|--|--|
| Inventory Route                    | Cardinal |   |     |  |  |
| (336) Minimum Vertical Clearance   | 99       | 0 | ft. |  |  |
| (335) Minimum Horizontal Clearance | 60       | 0 | ft. |  |  |

|  | Load Rating   |
|--|---|
| (717) 2F1 Operating Rating Factor (GVW 15 T)       |   |
| (720) 3F1 Operating Rating Factor (GVW 23 T)       |   |
| (723.01) 4F1 Operating Factor (GVW 27 T)           |   |
| (726.01) 5C1 Operating Rating Factor (GVW 40 T)    |   |
| (723.02) SU4 Operating Rating Factor (GVW 27 T)    |   |
| (726.02) SU5 Operating Rating Factor (GVW 31 T)    |   |
| (732.01) SU6 Operating Rating Factor (GVW 34.75 T) |   |
| (732.02) SU7 Operating Rating Factor (GVW 38.75 T) |   |
| (735) EV2 Operating Rating Factor (GVW 28.75 T)    |   |
| (738) EV3 Operating Rating Factor (GVW 43 T)       |   |
| (734) Ohio Percent Legal                           | 150   |
| (705) Load Rater First Name                        |   |
| (706) Load Rater Last Name                         |   |
| (707) Load Rater PE Number                         | 0   |
| (704) Load Rating Date                             | 07/01/1900  |
| (708) Load Rating Software                         | 1 - BARS  |
| (709) Rating Source                                | 1 - Plan information available for load rating analysis (Default) |
|  | Inspection Access   |

(92.02) Snooper Inspection Traffic Control

(92.03) Snooper Inspection Est. Crew Hours

(459) Inspection Access

N - The bridge does not include this feature

| Deck & Approach                              |  |                                    |                       |  |
|--|--|------------------------------------|-----------------------|--|
| (224) Temporary Subdecking                   | N - No   |                                    |                       |  |
| (404) Approach Slab Type                     | 1 - Reinforce                                    | d Concrete                         |                       |  |
| (405) Approach Slab Length                   | 0  |                                    |                       |  |
|  | 1  | 2                                  | 3                     |  |
| (406) Bridge Median Type                     | 2 - Raised Median                                | N - Non Barrier                    | N - No Joint          |  |
| (407) Bridge Railing Type                    | 3 - Reinforce                                    | d Concrete Safety Curb and Parapet | with Aluminum Railing |  |
| (408) Composite Deck Code                    | N - Non-com                                      | posite Construction                |                       |  |
| (419) Expansion Joint with Trough Retrofit 2 | N - No   |                                    |                       |  |
| (421) Joint Trough (Y/N)                     | N - No   |                                    |                       |  |
| (431) Fence                                  | Y - The bridge includes this feature             |                                    |                       |  |
| (432) Fence Height on Bridge                 | 0  |                                    |                       |  |
| (433) Glare Screen                           | N - The bridge does not include this feature     |                                    |                       |  |
| (434) Noise Barrier Walls                    | N - The bridge does not have Noise Barrier Walls |                                    |                       |  |
| (424) Deck Area                              | 35048.0  |                                    |                       |  |
| (427) Left Sidewalk/Curb Material            | 1 - Concrete                                     |                                    |                       |  |
| (428) Left Sidewalk/Curb Type                | 2 - Sidewalk (greater than 2' in width)          |                                    |                       |  |
| (429) Right Sidewalk/Curb Material           | 1 - Concrete                                     |                                    |                       |  |
| (430) Right Sidewalk/Curb Type               | 2 - Sidewalk                                     | (greater than 2' in width)         |                       |  |
|  |  |                                    |                       |  |

#### Substructure

| (526) Abutment Forward Type              | 2 - Cantilever                            |
|--|---|
| (527) Abutment Forward Material Type     | 2 - Concrete                              |
| (528) Abutment Forward - Foundation Type | 1 - Steel H Piles (Other size)            |
| (531) Abutment Rear Type                 | 6 - Stub - Capped Pile (Single Row Piles) |
| (532) Abutment Rear Material Type        | 2 - Concrete                              |
| (533) Abutment Rear - Foundation Type    | 1 - Steel H Piles (Other Size)            |
| (534) Pier 1 (Predominate) Type          | 5 - Capped Column                         |
| (535) Pier 1 (Predominate) Material      | 2 - Concrete                              |
| (536) Pier 1 Type - Foundation Type      | 4 - Spread Footing                        |
| (537) Pier 2 Type                        | N - None                                  |
| (538) Pier 2 Material                    | N - None                                  |
| (539) Pier 2 Type - Foundation Type      | 0 - Other                                 |
| (547) Slope Protection Type              | 2 - Stone (No. 1 Aggregate)               |

|  | Superstructure                                      |                      |              |          |
|--|---|----------------------|--------------|----------|
| (711) Live Load Response                     | S - Satisfactory                                    |                      |              |          |
| (468) Hinges/Pins/Hangers Type               | N - Not Applicable (structures with no hinges)      |                      |              |          |
| (409) Deck Drainage Type                     | 3 - Scuppers and downspouts                         |                      |              |          |
| (411) Deck Concrete Type                     |   | U - Unknown          |              |          |
|  | А   |                      | В            | C        |
| (414) Expansion Joint Type                   | 2 - Sliding Metal                                   | Plate Angle          | N - None     | N - None |
| (301) Horizontal Curve Degree                |   | 8.02                 |              |          |
| (453) Bearing Device 1, Type                 |   | 2 - Rockers & Bolst  | ers          |          |
| (455) Bearing Device 2, Type                 | N - None  |                      |              |          |
| (465) Framing Type                           | N - None or Not Applicable                          |                      |              |          |
| (466) Haunched Girder                        | N - Bridge does not contain a haunched girder       |                      |              |          |
| (467) Haunched Girder Depth                  |   | 0                    |              |          |
| (474) Main Structure System                  | N - Not Applicable (i.e. Culvert, Beam, Slab, etc.) |                      |              |          |
| (475) Main Member Type                       | 3 - Welded Built-Up Steel                           |                      |              |          |
| (482) Protective Coating System Type         | 3 - Paint System A                                  |                      |              |          |
| (487) Structural Member Steel Type           | U - Unknown   |                      |              |          |
| (498) Protective Coating System Surface Area |   | 0                    |              |          |
| (499) Structural Steel Paint                 | U - Unknown   |                      |              |          |
| (478) Post Tensioned Main Member Code        |   | N - Bridge is not Po | st Tensioned |          |
|  |   | Culvert and Wat      | erway        |          |

| (575) Culvert Type                   | N - Not a Culvert or Rigid Frame               |
|--------------------------------------|--|
| (578) Culvert Length Inlet_to_Outlet | 0  |
| (580) Fill Depth Over Culvert        | 0  |
| (651) Scenic River                   | N - Waterway is not classified as Scenic River |
| (587) Rise                           |  |
| (588) Shape                          |  |
| (655) Channel Protection Type        | X - Not Applicable                             |
| (663) Stream Velocity                | 0.0  |
| (672) pH                             |  |

## **Element Inspection**

Bridge Inspection Report

## - No items available

| ODOT District: | 12                           | C                  | UY-00017        | -1227      | _(1802         | 402)                   |                   | Date Built       | : 07/01/1977              |
|----------------|------------------------------|--------------------|-----------------|------------|----------------|------------------------|-------------------|------------------|---------------------------|
| Major Maint:   | 01 - State Highway Agency    | Facility Carried:  | SR 17 BROOKPAR  | ( RD       | Traffic On:    | 5 - Highw              | ay-pedestrian     | Rehab Da         | ate:                      |
| Routine Maint: | 01 - State Highway Agency    | Feature Inters:    | I-480 (GRANGER) |            | Traffic Under: | 1 - Highw<br>pedestria | ay, with or w/out | Insp.<br>Resp A: | 01 - State Highway Agency |
| FIPS Code:     | 09274 - BROOKLYN HEIGHTS (CL | IY county)         | Location: CUY   |            | JCT. SR        | -17 WITH               |                   | Insp<br>Resp B:  |                           |
|                | Inspector Ger                | stenslager,Michael | Inspection Date | 07/13/2020 | I              | Reviewer               | Youssef Seif      |                  |                           |

#### Inspector Comments - Deck and Approach

#### Deck

#### Floor/Slab (SF)

Transverse cracks, some leaching. Approx 40 sf of spalls (some with exposed rebar) & delams. A few full depth repairs. Spall with cluster of exposed rebar in bay 9 at forward deck end. Spall forming in bay 2 over the 176 ramp to 480 east lane 2. floor is 5-10% deteriorated.

#### Edge of Floor/Slab (LF)

Some cracks.

#### **Bridge Wearing Surface (SF)**

Transverse cracks. Minor map cracks & scaling. Scattered shallow spalls, mainly in WB lanes. Concrete & asphalt patches. WS is 1-5% deteriorated.

#### Curbs/Sidewalk (LF)

Cracks. Scaling. Many concrete patches .

#### Bridge Median (LF)

Cracks. Many concrete patches. New seal at rear.

#### **Bridge Railing (LF)**

Cracks. Rust stains. Delams. Spalls on inside & outside of both rails. Spall forming on outside left rail over 480 EB lane #1.

#### **Deck Drainage (EA)**

Partially plugged scuppers.

#### **Expansion Joint (LF)**

A few small gouges to armor. Small rusting thru holes in forward EB median curb plate.

#### Approach

#### Approach Wearing Surface (EA)

Cracks & minor asphalt break up at rear. Cracks, asphalt & concrete patches in forward concrete ws.

#### Approach Slab (SF)

A few cracks.

#### Signs (EA)

No bridge end markers. Lane sign obstructed by fence on right parapet.

## **Inspector Comments - General Appraisal**

#### Superstructure

#### **Beams/Girders (LF)**

Rehabbed areas to some beam ends. Rusted section loss at beam ends. Two small rusted thru holes in left fascia at rear abutment. Possible cracks (drilled out) at tops of some xframe stiffeners (example: beams 3 & 4 near rear abutment and beams 3 & 7 near forward abutment). Rusted section loss with thru holes to a few stiffeners. Two damaged stiffeners to outside left fascia over 176 ramp to 480 East. Fretting at tops of some xframe stiffeners. Welded plate repairs to beams 5 & 6 at rear abutment and beams 4 & 5 at forward abutment.

#### **Diaphragm/X-Frames (EA)**

Endframes rehabbed. Rusting section loss to xframes.

#### **Bearing Devices (EA)**

Abutment bearings rehabbed as well as bearings 10 on P2 and P4 and bearings 1,2 and 8-10 on P1. Rusted section loss. Minor transverse movement to a few rockers without keeper plates.

#### **Protective Coating System (LF)**

Beam ends painted 10/18. Rusting throughout, heavier along all lower flanges, with areas of failed pcs. Peeling paint. PCS is >30% deteriorated.

#### Fatigue (LF)

4" channels (old downspout supports) welded to webs.

#### **Utilities (LF)**

Water actively leaking onto structural steel in rear bay 8.

#### Substructure

#### Abutment Walls (LF)

Abutments rehabbed. A few cracks & rust stains. Concrete deterioration below leaking utility in rear bay 8.

#### Pier Caps (LF)

Minor cracks.

#### Pier Columns/Bents (EA)

Most columns rehabbed. A few cracks. Small delam with shallow spall to P2C3. 15 sf delam to P2C4.

#### Backwalls (LF)

Backwalls rehabbed. A few cracks.

#### **Slope Protection (EA)**

Note: rear slope only.

Culvert

## Inspector Comments - Waterway

## Waterway Adequacy

<u>Channel</u>

Scour Critical

#### ODOT District: 12 Major Maint:

FIPS Code:

Routine Maint: 01 - State Highway Agency

09274 - BROOKLYN HEIGHTS (CUY county)

01 - State Highway Agency

## CUY-00017-1227 \_(1802402)

Traffic On: 5 - Highway-pedestrian Traffic Under: 1 - Highway, with or w/out pedestrian JCT. SR-17 WITH I-480

Reviewer Youssef Seif

07/01/1977 Date Built: Rehab Date: Insp. Resp A: 01 - State Highway Agency Insp Resp B:

Inspector Gerstenslager,Michael

## **Under Records**

Inspection Date 07/13/2020

Facility Carried: SR 17 BROOKPARK RD

Feature Inters:

I-480 (GRANGER)

Location: CUY

|  | I  | Under Record 1                      |   |  |
|--|--|-------------------------------------|---|--|
|  |  | Identification                      |   |  |
| (1) State Code                               | 395 - Ohio   | (6) Features Crossed Over           | SR-17(1227) GI                                | RANGER RD.                                     |
| (11) Milepoint                               | 15.86  | (7) Facility Carried Under          | SR 17 BROOKF                                  | PARK RD  |
| (201) Special Designation                    |  | (8) Structure No.                   | 1802402                                       |  |
| (5A) Roadway On/Under                        | 2: Single route<br>goes "under" the<br>structure   | (12) Base Highway Network           | Inventory Route<br>not on the Base<br>Network |  |
| (5B) Route Type                              | 1 - INTERSTATE<br>HIGHWAY                          | (13A) LRS Route                     |   |  |
| (5C) Level of Service                        | 1 - MAINLINE                                       | (13B) Subroute Number               |   |  |
| (5D) Route Number                            | 00480  | (213) NLF_ID Under Route            | SCUYIR00480*                                  | *C   |
| (5E) Directional Suffix                      | 2 - EAST   | (206) Preferred Under Route         |   |  |
|  |  | Age of Service                      |   |  |
| (19) Bypass Detour Length                    |  | (381) Intersected Route Daily Truck | Traffic                                       | 4822   |
| (29) Est Average Daily Traffic               | 104361   | (109) Average Daily Truck Traffic   |   | 22   |
| (30) Year of Average Daily Traffic           | 2015   |                                     |   |  |
|  |  | Geometric Data                      |   |  |
| (10) Practical Maximum Vertical<br>Clearance | 24.51  | (47) Total Horizontal Clearance     |   | 69   |
|  | CARDINAL   |                                     |   | NON-CARDINA                                    |
| (336A) Minimum Vertical Clearance            | 24.51  | (336B) Minimum Vertical Clearance   | 9   | 19.38  |
| (335A) Minimum Horizontal Clearance          | 69   | (335B) Minimum Horizontal Clearar   | nce   | 69   |
|  |  | Classification                      |   |  |
| (20) Toll                                    |  | (101) Parallel Highway              |   | N - No parallel<br>structure                   |
| (26) Functional Classification               | 11 - Urban -<br>Principal Arterial -<br>Interstate | (102) Direction of Traffic          |   | 2-way traffic                                  |
| (209) Interstate Mile Marker                 |  | (104) Highway System of the Under   | Route   | 1 - Structure/Rou<br>is on NHS                 |
| (100) STRAHNET Highway                       | ls on an Interstate<br>STRAHNET route              | (110) Designated National Network   |   | Inventory route c<br>National Truck<br>Netwrok |

| Inspector: Michael Gerstenslager    | Structure Number: 1802402            |
|-------------------------------------|--------------------------------------|
| Inspection Date: 07/13/2020         | Facility Carried: SR 17 BROOKPARK RE |
| Bridge Inspection Report            |                                      |
| Channel Measurement                 |                                      |
| Date of Channel Measurements:       | Number of Fixed Objects in Channel:  |
| Distance Measured From:             | Water Level:                         |
| Depth Measured From:                | High Water Mark:                     |
| Number of Measurement Points Taken: | Measurement Type:                    |

**Pictures** 

**Bridge Inspection Report** 

#### Bridge Inspection Report

## Sketches

## CUY-00017-1227 \_(1802402)

Traffic On: 5 - Highway-pedestrian Traffic Under: 1 - Highway, with or w/out pedestrian JCT. SR-17 WITH I-480

JCT. SR-17 WITH I-480 Reviewer Youssef Seif Date Built: 07/01/1977 Rehab Date: Insp. 01 - State Highway Agency Resp A:

Insp Resp B:

Inspector Gerstenslager,Michael

09274 - BROOKLYN HEIGHTS (CUY county)

01 - State Highway Agency

Routine Maint: 01 - State Highway Agency

# el Inspection Date 07/13/2020

Facility Carried: SR 17 BROOKPARK RD

Feature Inters:

I-480 (GRANGER)

Location: CUY

#### **Summary Recommendations**

ODOT District: 12 Major Maint: 01

FIPS Code:

ODOT District: 12

FIPS Code:

## CUY-00017-1227 \_(1802402)

Major Maint: 01 - State Highway Agency

Routine Maint: 01 - State Highway Agency

Feature Inters: I-480 (GRANGER) Location: CUY

Facility Carried: SR 17 BROOKPARK RD Traffic On: 5 - Highway-pedestrian Traffic Under: 1 - Highway, with or w/out

pedestrian JCT. SR-17 WITH I-480 Reviewer Youssef Seif Date Built: 07/01/1977 Rehab Date:

Insp. Resp1 - State Highway Agency A: Insp Resp B:

Inspector Gerstenslager,Michael

09274 - BROOKLYN HEIGHTS (CUY county)

Inspection Date 07/13/2020

## **Governing Members**

| ODOT District: | 12                           | C                  | CUY-00017-1       | 227 _(1802     | 402)                                     | Date Built: 07/01/1977                     |
|----------------|------------------------------|--------------------|-------------------|----------------|--|--|
| Major Maint:   | 01 - State Highway Agency    | Facility Carried:  | SR 17 BROOKPARK R | RD Traffic On: | 5 - Highway-pedestrian                   | Rehab Date:                                |
| Routine Maint: | 01 - State Highway Agency    | Feature Inters:    | I-480 (GRANGER)   | Traffic Under: | 1 - Highway, with or w/out<br>pedestrian | Insp. 01 - State Highway Agency<br>Resp A: |
| FIPS Code:     | 09274 - BROOKLYN HEIGHTS (CL | JY county)         | Location: CUY     | JCT. SR        | -17 WITH I-480                           | Insp<br>Resp B:                            |
|                | Inspector Ger                | stenslager,Michael | Inspection Date 0 | 7/13/2020      | Reviewer Youssef Seif                    |  |

## Complex Bridge Superstructure Comments

## Historic Bridge Data

|   |   |  | Status                   |                                   |                       |       |
|---|---|--|--------------------------|-----------------------------------|-----------------------|-------|
| (8) Structure File Number (SFN)           | 1802402   |  |                          | (37) Historical Significance Code | 5 - Not eligible      | -     |
| (826) NR Recommendation                   |   |  |                          | (837) Historical District         |                       |       |
| (840) Historical National Register Listed |   |  |                          | (834) Reviewed By                 |                       |       |
| (850) In Management Plan (2009)           |   |  |                          |                                   |                       |       |
|   |   |  | Identificatio            | n                                 |                       | ]     |
| (825) Historical Bridge Name              |   |  |                          | (7) Facility Carried              | SR 17 BROOKPARK<br>RD | -     |
| (22) Owner                                | 01 - State Hi<br>Agency                                     | ghway  |                          | (6) Feature Intersected           | I-480 (GRANGER)       |       |
| (4) Place Code (FIPS)                     | 09274 - BRC<br>HEIGHTS (C<br>county)                        |  |                          | (5) Inventory Route               |                       |       |
| (3) County (Parish) Code                  | 18 - Cuyahoga   |  |                          | (B) Route Signing Prefix          | 3 - STATE HIGHWAY     |       |
| (2) Highway Agency District               | 12  |  |                          | (D) Route Number                  | 00017                 |       |
| (9) Location                              | JCT. SR-17<br>480   | WITH I-  |                          | (16) Latitude at Rear Abutment    | 41.41957              | degre |
| (883) UTM                                 |   |  |                          | (17) Longitude at Rear Abutment   | -81.68150             | degre |
|   |   | Str  | uctural Inform           | mation                            |                       | ٦     |
| (43) Main Structure Type                  | 4 - Steel<br>continuo<br>us                                 | 02 -<br>Stringer/<br>Multi-<br>beam or<br>Girder | N- Not<br>Applicabl<br>e | (827) Historical Year Built       |                       |       |
| (828) Historical Bridge Type              |   |  |                          | (836) Historical Data Source      |                       |       |
| (49) Structure Length                     | 484.0   | ft   |                          | (831) Historical Builder          |                       |       |
| (45) No. of Main Spans                    | 5   |  |                          | (842) Historical Bridge Designer  |                       |       |
| (407) Bridge Railing Type                 | 3 - Reinforce<br>Concrete Sai<br>and Parapet<br>Aluminum Ra | fety Curb<br>with                                |                          | (106) Year Reconstructed          |                       |       |
|   |   |  |                          | (829) Previous Inventory Date     |                       |       |
|   |   | Clas   | sification of            | Service                           |                       | ٦     |

| (26) Functional Class of Inventory Route    | 16 - Urban - Minor<br>Arterial       | (29) Average Daily Traffic (ADT)         | 16916         |  |  |  |  |  |
|---|--------------------------------------|--|---------------|--|--|--|--|--|
| (104) Highway System of the Inventory Route | 0 - Structure/Route is<br>NOT on NHS | (30) Year of ADT                         | 2015          |  |  |  |  |  |
| (71) Waterway Adequacy                      | N - Not Applicable                   | (109.01) Avg. Daily Truck Traffic (ADTT) | 846           |  |  |  |  |  |
|   |                                      | (102) Direction of Traffic               | 2-way traffic |  |  |  |  |  |
| Historical Significance                     |                                      |  |               |  |  |  |  |  |

(843) Historical Setting/Context

(844) Historical Physical Description

(845) Historical Integrity

(846) Historical Significant Description

(847) Historical Bridge Remarks

(860) Justification

| Capacity                                     |      |    |   |        |    |  |
|--|------|----|---|--------|----|--|
| (51) Bridge Rdwy Width Curb-Curb             | 60.0 | ft | (66) Inventory Rating Load              | 1      |    |  |
| (873) Bridge Rdwy Width Required             |      | ft | (64) Operating Rating Load              | 1.3    |    |  |
| (872) Bridge Rdwy Width Adequare             | Y    |    | (878) Inventory Rating Load - Required  |        |    |  |
| (32) Approach Rdway Width                    | 60.0 | ft | (877) Inventory Rating Load - Adequate  | Υ      |    |  |
| (841) Bridge Wider                           | Ν    |    | (28) Lanes On                           | 04     |    |  |
| (52) Deck Width Out-Out                      | 72.4 | ft | (880) Lanes On - Required               |        | ft |  |
| (50A) Curb/Sidewalk Left Side - Width        | 5    | ft | (879) Lanes On - Adequate               | Y- Yes |    |  |
| (50B) Curb/Sidewalk Right Side - Width       | 5    | ft | (876) Geometry Adequate                 |        |    |  |
| (10) Minimum Vertical Clearance On, Cardinal | 99   | ft | (871) Alignment/Sight Distance Adeqaute |        |    |  |

(874) Conformance Comments

(882) Structural Deficiency Summary

(875) Crash Data

## Historic Bridge Management Plan

(853) Historical Management Summary

**Preservation Potential** 

(861) Prudent and Feasible to Leave Bridge in Place

(862) Preservation Potential

(863) Preservation Summary

(881) Rehab Without Adverse Effect

(865) Historic Bypass Information

(866) Other Preservation Options

(867) Preservation Recommendation

(868) Comment Recommendation

(869) Comment Date

(870) Plan Comment