### GENERAL STRUCTURE INFORMATION

| **ROUTE:** | I-49N |
| **FEATURE:** | LIT BLUE RVR |
| **LOG MILE:** | 177.642 |
| **DETOUR:** | 1.00 MILES |
| **NHS:** | YES |
| **BUILT:** | 1954 |
| **REHAB:** | NBI MAINTAINED |
| **LOCATION:** | S 36 T 47 R 33 W |
| **LATITUDE:** | 38 51 10.36 (DMS) |
| **LONGITUDE:** | 94 31 43.01 (DMS) |
| **# SPANS:** | 3 |
| **LANES ON:** | 3 |
| **LANES UNDER:** | 0 |
| **FUNCTIONAL CLASS:** | UR-INTERSTATE |
| **COMPASS DIRECTION:** | SOUTH to NORTH |
| **DIRECTION OF TRAFFIC:** | 1-WAY TRAFF |
***STRUCTURE POSTING***

APPROVED CATEGORY: S-1

Tonnage:

- Tonnage 1: NO POSTING REQUIRED
- Tonnage 2: NO POSTING REQUIRED
- Tonnage 3: NO POSTING REQUIRED

COMMENTS:

FIELD CATEGORY: S-1

Tonnage:

- Tonnage 1: NO POSTING REQUIRED
- Tonnage 2: NO POSTING REQUIRED
- Tonnage 3: PROBLEM: PROBLEM DIRECTION:

COMMENTS:

***GENERAL COMMENTS/MAJOR RATED ITEMS***

GENERAL COMMENTS:

- [ITEM 58] DECK: 6-SATISFACTORY CONDITION
  - RATING: 10/22/2015
  - COMMENTS: (OTISL1, 11/05/2019)--MANY TRANSVERSE CRACKS, SOME OPEN

- [ITEM 59] SUPER: 5-FAIR CONDITION
  - RATING: 11/29/2017
  - COMMENTS: (OTISL1, 11/05/2019)--SPALLS @ HAUNCH. WITH MINOR EFFECT ON BEARING
     (RAITHK, 04/14/2022)--SPALLS IN HAUNCHES EXPOSED REBAR AT ABUTS

- [ITEM 60] SUB: 5-FAIR CONDITION
  - RATING: 11/29/2017
  - COMMENTS: (OTISL1, 11/05/2019)--OPEN HORIZONTAL CRACKING & DELAMINATE @ ABUTMENTS
     (OTISL1, 11/01/2021)--SPALLS WITH REBAR EXPOSED

- [ITEM 61] BANK/CHANNEL: 7-MINOR DAMAGE
  - RATING: 05/18/2001
  - COMMENTS: (OTISL1, 11/29/2017)--MINOR DAMAGE TO BANK RIPRAP

- [ITEM 62] SCOUR: 8-STABLE FOR CALCULATED
  - RATING: 05/18/2001
  - EVALUATION TYPE: 05/18/2001
  - COMMENTS: (OTISL1, 11/29/2017)--OBSERVED SCOUR WELL ABOVE FOOTING

- [ITEM 63] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV
  - RATING: 05/18/2001
  - COMMENTS:

- [ITEM 64] APPRRDWY ALIGNMENT: 8-VERYGOOD
  - RATING: 05/18/2001
  - COMMENTS:

***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS***

- [ITEM 36A] BRIDGE RAILING RATING: MEETS CURRENT STANDARDS-J
  - RATING: 05/18/2001
  - MATERIAL: REINFORCED CONCRETE
  - CONSTRUCTION: SAFETY BARRIER CURB
  - DIRECTION: BOTH
  - CONDITION:
    - SPALLS: THROUGHOUT
    - VERTICAL CRACKS: THROUGHOUT
  - LOCATION 1:
  - LOCATION 2:
  - SEVERITY:
    - MINOR
  - COMMENT:

- [ITEM 36B] TRANSITION RAILING RATING: MEETS CURRENT STANDARDS-J
  - RATING: 06/08/2012
  - MATERIAL: GALVANIZED STEEL
  - CONSTRUCTION: W-BEAM
  - DIRECTION: BOTH
  - CONDITION:
    - SPALLS: THROUGHOUT

- [ITEM 36C] APPROACH RAILING RATING: MEETS CURRENT STANDARDS-J
  - RATING: 05/18/2001
  - MATERIAL: GALVANIZED STEEL
  - CONSTRUCTION: W-BEAM
  - DIRECTION: BOTH

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### Missourı Depeartment of Transportation

#### State Bridge Inspection Report

**COUNTY:** JACKSON  
**DISTRICT:** KC  
**CLASS:** STATBR  
**FED-ID:** 6329  
**BRIDGE:** L0530

#### (ITEM 36D) RAIL END TREATMENT RATING:

**RATING:** 06/08/2012  
**COMMENTS:**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>DIRECTION</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GALVANIZED STEEL</td>
<td>BREKAWAY SYSTEM</td>
<td>SOUTHEAST</td>
<td>MEETS CURRENT STANDARDS - RATING: 06/08/2012</td>
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</table>

#### APPROACH PAVEMENT:

*Overall condition assigned for each approach pavement component is shown below."

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>DIRECTION</th>
<th>CONDITION</th>
<th>LOCATION 1</th>
<th>LOCATION 2</th>
<th>SEVERITY</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>REINFORCED CONCRETE</td>
<td>SLAB</td>
<td>BOTH</td>
<td>POOR</td>
<td>(OTISL1, 11/29/2017)</td>
<td>NURBES REPAIRS MADE</td>
<td>MODERATE</td>
<td></td>
</tr>
<tr>
<td>LONGITUDINAL CRACKS</td>
<td>PATCHES</td>
<td>THROUGHOUT</td>
<td>MANY</td>
<td>(OTISL1, 11/01/2021)</td>
<td>LARGE</td>
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#### DECK PROTECTIVE COMPONENTS:

<table>
<thead>
<tr>
<th>SERIES TYPE-#</th>
<th>COMPONENT</th>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>THICKNESS</th>
<th>YEAR APPLIED</th>
<th>MANUFACTURE</th>
<th>OVERALL CONDITION</th>
</tr>
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<tbody>
<tr>
<td>MAIN SERIES-1</td>
<td>WEARING SURFACE</td>
<td>REINFORCED CONCRETE</td>
<td>MONOLITHIC</td>
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#### DRAINAGE COMPONENTS:

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<tr>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>COMPONENT</th>
<th>DIRECTION</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GALVANIZED STEEL</td>
<td>FLOOR DRAIN</td>
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<td></td>
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</table>

#### EXPANSION DEVICE COMPONENTS:

<table>
<thead>
<tr>
<th>SUB UNIT-#</th>
<th>SUB LABEL</th>
<th>COMPONENT</th>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>GAP</th>
<th>YEAR APPLIED</th>
<th>MANUFACTURE</th>
<th>OVERALL CONDITION</th>
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<td></td>
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#### BANK/SLOPE PROTECTION COMPONENTS:

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>DIRECTION</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BANK PROTECTION</td>
<td>ROCK</td>
<td>BLANKET</td>
<td>BOTH</td>
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</table>

### ***DECK COMPONENTS***

<table>
<thead>
<tr>
<th>SPAN TYPE-#</th>
<th>COMPONENT</th>
<th>MATERIAL</th>
<th>CONSTRUCTION</th>
<th>LOCATION 1</th>
<th>LOCATION 2</th>
<th>SEVERITY</th>
<th>MEASUREMENT</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN SPANS-1</td>
<td>DECK</td>
<td>REINFORCED CONCRETE</td>
<td>CAST-IN-PLACE</td>
<td>ENDS</td>
<td>THROUGHOUT</td>
<td>FEW</td>
<td>MEASUREMENT</td>
<td></td>
</tr>
<tr>
<td>MAIN SPANS-2</td>
<td>DECK</td>
<td>REINFORCED CONCRETE</td>
<td>CAST-IN-PLACE</td>
<td>THROUGHOUT</td>
<td></td>
<td>MANY</td>
<td>MEASUREMENT</td>
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</tbody>
</table>

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# Missouri Department of Transportation
## State Bridge Inspection Report

**County:** JACKSON  
**District:** KC  
**Class:** STATBR  
**FED-ID:** 6329  
**Bridge:** L0530

### Main Spans-3

<table>
<thead>
<tr>
<th>LOCATION 1</th>
<th>LOCATION 2</th>
<th>Severity</th>
<th>Measurement</th>
<th>Comment</th>
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</thead>
<tbody>
<tr>
<td>Deck</td>
<td>Reinforced Concrete</td>
<td>Cast-in-Place</td>
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<td></td>
</tr>
<tr>
<td>Diagonal Cracks</td>
<td>Ends</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Transverse Cracks</td>
<td>Throughout</td>
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<td></td>
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### Series Type-A

<table>
<thead>
<tr>
<th>Span Type</th>
<th>Material</th>
<th>Construction</th>
<th>Label</th>
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<tbody>
<tr>
<td>Main Series-1</td>
<td>Continuous Span</td>
<td>Reinforced Concrete</td>
<td>Solid Slab</td>
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</tbody>
</table>

### Superstructure Components

#### Main Spans-1

<table>
<thead>
<tr>
<th>Condition</th>
<th>Location 1</th>
<th>Location 2</th>
<th>Severity</th>
<th>Measurement</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spalls</td>
<td>Approach Haunch</td>
<td>Throughout</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

#### Main Spans-2

<table>
<thead>
<tr>
<th>Condition</th>
<th>Location 1</th>
<th>Location 2</th>
<th>Severity</th>
<th>Measurement</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transverse Cracks</td>
<td>Through</td>
<td>Throughout</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main Spans-3

<table>
<thead>
<tr>
<th>Condition</th>
<th>Location 1</th>
<th>Location 2</th>
<th>Severity</th>
<th>Measurement</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spalls</td>
<td>Approach Haunch</td>
<td>Throughout</td>
<td></td>
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<td></td>
</tr>
</tbody>
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---

**Design No = L0530**

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## Missouri Department of Transportation
### State Bridge Inspection Report

**COUNTY:** JACKSON  
**DISTRICT:** KC  
**CLASS:** STATBR  
**FED-ID:** 6329  
**BRIDGE:** L0530

### COLUMN

**CONDITION**  
**LOCATION 1**  
**LOCATION 2**  
**SEVERITY**  
**MEASUREMENT**  
**COMMENT**

- **REINFORCED CONCRETE CAST-IN-PLACE**  
  - AT COLUMNS  
  - FEW  
  - (WILSOR2, 01/15/2020)--COLUMN 1

- **REINFORCED CONCRETE SPREAD**  
  - AT COLUMNS  
  - MODERATE  
  - (WILSOR2, 01/15/2020)--COLUMN 1

### FOOTING

**CONDITION**  
**LOCATION 1**  
**LOCATION 2**  
**SEVERITY**  
**MEASUREMENT**  
**COMMENT**

- **REINFORCED CONCRETE SPREAD**  
  - (WILSOR2, 01/15/2020)--COLUMN 1

### FIXED BEARING

**CONDITION**  
**LOCATION 1**  
**LOCATION 2**  
**SEVERITY**  
**MEASUREMENT**  
**COMMENT**

- **ELASTOMERIC PLAIN NEOPRENE**  
  - LOCATION 1

---

**BENT-3**  
**35 FT 3 IN REINFORCED CONCRETE MULTIPLE COLUMN**

*ASSOCIATED COMPONENT*  
**MATERIAL**  
**CONSTRUCTION**

- **BEAM CAP**  
  - REINFORCED CONCRETE CAST-IN-PLACE  
  - LOCATION 1  
  - LOCATION 2

- **COLUMN**  
  - REINFORCED CONCRETE CAST-IN-PLACE  
  - LOCATION 1  
  - LOCATION 2

- **DELAMINATION SPALLS**  
  - LEFT SIDE  
  - RANDOM

- **FOOTING**  
  - REINFORCED CONCRETE SPREAD

- **FIXED BEARING**  
  - ELASTOMERIC PLAIN NEOPRENE  
  - LOCATION 1  
  - LOCATION 2

---

**ABUTMENT-4**  
**32 FT 0 IN REINFORCED CONCRETE OPEN CONCRETE**

*ASSOCIATED COMPONENT*  
**MATERIAL**  
**CONSTRUCTION**

- **BEAM CAP**  
  - REINFORCED CONCRETE CAST-IN-PLACE  
  - LOCATION 1  
  - LOCATION 2

- **COLUMN**  
  - REINFORCED CONCRETE CAST-IN-PLACE  
  - LOCATION 1  
  - LOCATION 2

- **HORIZONTAL CRACKS SPALLS**  
  - THROUGHOUT

- **PILING**  
  - STEEL

- **TURNED BACK WINGS**  
  - REINFORCED CONCRETE CAST-IN-PLACE  
  - LOCATION 1  
  - LOCATION 2

- **HAIR LINE CRACKING LEACHING**  
  - RIGHT SIDE

- **WING PILES**  
  - STEEL

- **FOOTING**  
  - REINFORCED CONCRETE SPREAD

- **FIXED BEARING**  
  - ELASTOMERIC PLAIN NEOPRENE  
  - LOCATION 1  
  - LOCATION 2

---

**OVER/UNDER ROUTES CLEARANCE INFORMATION***

---

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### CLEARANCES OVER DECK

**NOTE:** Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<table>
<thead>
<tr>
<th>VERTICAL CLEARANCE TYPE**</th>
<th>VALUE</th>
<th>DIRECTION</th>
<th>DATE</th>
<th>COMMENT</th>
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</thead>
</table>

### CLEARANCES UNDER BRIDGE

**NOTE:** Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<table>
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<tr>
<th>RECORD #</th>
<th>ROUTE</th>
<th># LANES</th>
<th>DIRECTION OF TRAFFIC</th>
<th>RIGHT LATERAL CLEARANCE</th>
<th>LEFT LATERAL CLEARANCE</th>
<th>UR-ID</th>
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</table>

<table>
<thead>
<tr>
<th>VERTICAL CLEARANCE TYPE**</th>
<th>VALUE</th>
<th>DIRECTION</th>
<th>DATE</th>
<th>COMMENT</th>
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</table>

### ***STRUCTURE PAINT INFORMATION***

**CONDITION:**

<table>
<thead>
<tr>
<th>ORIGINAL PAINT</th>
<th>CONTRACT REPAINT</th>
<th>DEPARTMENT REPAINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAINT TYPE:</td>
<td>NAME :</td>
<td>MANUFACTURE :</td>
</tr>
<tr>
<td>PAINT COLOR:</td>
<td>PAINT COLOR:</td>
<td>SURFACE PREP :</td>
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<tr>
<td>PAINT YEAR:</td>
<td>PAINT YEAR:</td>
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</tr>
<tr>
<td>MILS :</td>
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### ***REQUESTED WORK ITEMS***

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<th>GENERAL WORK COMMENTS:</th>
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<tbody>
<tr>
<td>RESPONSIBILITY</td>
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<tr>
<td>DISTRICT ROUTINE</td>
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<tr>
<td>DISTRICT SPECIAL</td>
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<tr>
<td>DISTRICT SPECIAL</td>
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### ***UTILITY ATTACHMENTS***

<table>
<thead>
<tr>
<th>UTILITY</th>
<th>OWNER</th>
<th>METHOD</th>
<th>MEASUREMENT TYPE</th>
<th>VALUE</th>
<th>NUMBER</th>
<th>UTILITY ATTACHMENT COMMENT</th>
</tr>
</thead>
</table>

### ***PROGRAM NOTES INFORMATION***

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### COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS***

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Rating</th>
<th>Rating Date</th>
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</thead>
<tbody>
<tr>
<td>Item 67</td>
<td>Structure Evaluation Rating:</td>
<td>5-BETTER THAN MINIMUM</td>
<td>12/29/2017</td>
</tr>
<tr>
<td>Item 69</td>
<td>Underclearance:</td>
<td>N-NOT APPLICABLE</td>
<td>3/20/2002</td>
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</tbody>
</table>

### DEFICIENCY:

- Item 69: Underclearance: **NOT DEFICIENT**

### SUFFICIENCY RATING:

- 85.0%

### FUNDING ELIGIBILITY:

- Date: 3/8/2022

### SIGN TYPE PROBLEM PROBLEM DIRECTIONS

<table>
<thead>
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<th>SIGN #</th>
<th>SIGN TYPE</th>
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</thead>
<tbody>
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</table>

### OUTFALL INSPECTION INFORMATION***

- **# OUTFALLS:** 0
- **DATE:** 10/17/2017

### NOTES:

- The actual structure size and cost may vary significantly from these numbers once site specific engineering is done.
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