






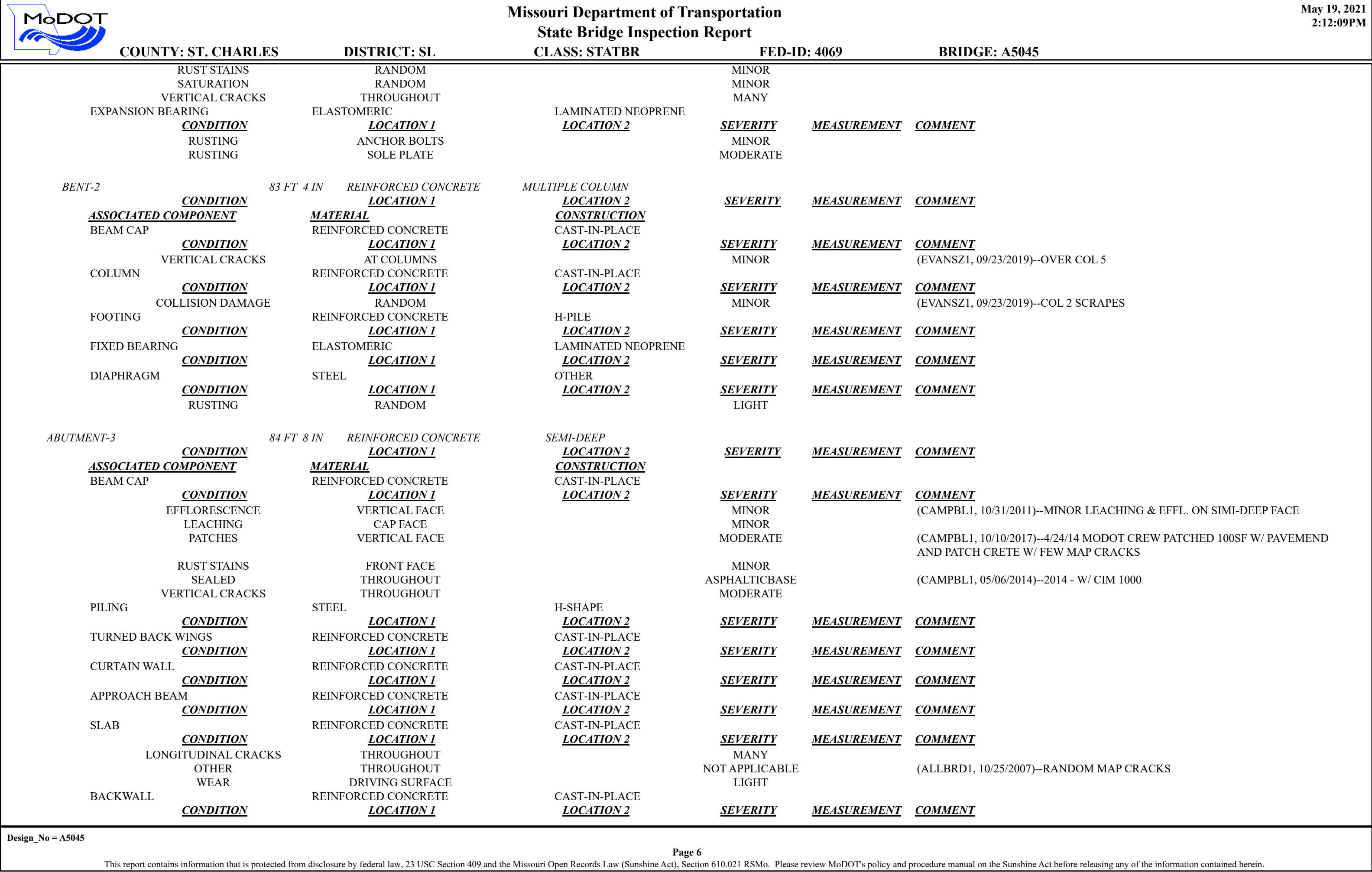
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|  | | <div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div> | | | | <div>May 19, 2021</div> <div>2:12:09PM</div> | | | |
| COUNTY: ST. CHARLES | | DISTRICT: SL | | CLASS: STATBR | | FED-ID: 4069 | | BRIDGE: A5045 | |
| ***GENERAL STRUCTURE INFORMATION*** | | | | | | | ***BRIDGE INSPECTION INFORMATION*** | | |
| <div>ROUTE: CSTBRYAN RDS</div> <div>FEATURE: IS 70</div> <div>STATUS: A-OPEN</div> <div>LOG MILE: 0.098</div> <div>DETOUR: 4.00 MILES</div> <div>NHS: YES</div> <div>BUILT: 1991</div> <div>REHAB:</div> <div>LOCATION: S 30 T 47 R 2 E</div> <div>LATITUDE: 38 48 11.13 (DMS)</div> <div>LONGITUDE: 90 43 59.39 (DMS)</div> | | <div># SPANS: 2</div> <div>LANES ON: 6</div> <div>LANES UNDER: 6</div> <div>COMPASS DIRECTION: NORTH to SOUTH</div> <div>DIRECTION OF TRAFFIC: 2-WAY TRAF</div> <div>FUNCTIONAL CLASS: UR-PRINCIPAL ARTERIAL</div> <div>NBI OWNER: MODOT</div> <div>NBI MAINTAINED: MODOT</div> <div>MAINTENANCE DISTRICT: SL</div> <div>MAINTENANCE COUNTY: ST. CHARLES</div> <div>SUB AREA: 7F54</div> | | <div>PLACE CODE: 92475 ST. CHARLES 92475</div> <div>LENGTH: 265 FT 0 IN</div> <div>MAXIMUM SPAN: 111 FT 3 IN</div> <div>APPROACH ROADWAY: 54 FT 0 IN</div> <div>CURB TO CURB: 82 FT 0 IN</div> <div>OUT TO OUT: 84 FT 7 IN</div> <div>AADT: 24723</div> <div>AADT YEAR: 2020</div> <div>AADT TRUCK: 5.0%</div> <div>FUTURE AADT: 42029</div> <div>FUTURE AADT YEAR: 2040</div> | | <div>DATE: 09/06/2019</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 24</div> <div>CALCULATED INTERVAL**: 24</div> <div>TEAM LEADER: ZACHARY EVANS</div> <div>ELEMENT: YES</div> <div>INSPECTOR 2: JOSEPH MOLINARO</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div> | | | |
| | | | | | | <div>GENERAL INSPECTION COMMENTS</div> | | | |
| | | | | | | | | | |
| ***FRACTURE CRITICAL INSPECTION INFORMATION*** | | | | | ***INDEPTH INSPECTION INFORMATION*** | | | | |
| <div>DATE:</div> <div>FREQUENCY:</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div> | | | | | <div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY:</div> <div>NBI:</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div> | | | | |
| <div>FRACTURE CRITICAL INSPECTION COMMENTS</div> | | | | | <div>INDEPTH INSPECTION COMMENTS</div> | | | | |
| | | | | | | | | | |
| ***SPECIAL INSPECTION INFORMATION*** | | | | | ***UNDERWATER INSPECTION INFORMATION*** | | | | |
| <div>DATE: 09/26/2019</div> <div>FREQUENCY: 48</div> <div>TEAM LEADER: ZACHARY EVANS</div> <div>INSPECTOR 2: CHUCK DOLEJSI</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div> | | | | | <div>RESPONSIBILITY: DISTRICT</div> <div>CALCULATED INTERVAL**: 48</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: SEMI DEEP-BEARING /</div> <div>NBI: NO</div> <div>METHOD: LADDER</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div> | | | | |
| <div>SPECIAL INSPECTION COMMENTS</div> | | | | | <div>UNDERWATER INSPECTION COMMENTS</div> | | | | |
| | | | | | | | | | |
| OTHER SPECIAL INSPECTIONS | | | | | OTHER UNDERWATER INSPECTIONS | | | | |
| <div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div> | | | | | <div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div> | | | | |
| | | | | | | | | | |
| <div>Design_No = A5045</div> | | | | | | | | | |
| <div>Page 1</div> <div>This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.</div> | | | | | | | | | |


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|  | | Missouri Department of Transportation | | | May 19, 2021 | |
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| COUNTY: ST. CHARLES | | DISTRICT: SL | CLASS: STATBR | FED-ID: 4069 | BRIDGE: A5045 | |
| ***STRUCTURE POSTING*** | | | | | | |
| APPROVED CATEGORY: S-1 | | NO POSTING REQUIRED | | | | |
| Ton 1: | | Ton 2: | | Ton 3: | | |
| COMMENTS: | | | | | | |
| FIELD CATEGORY: S-1 | | NO POSTING REQUIRED | | | | |
| Ton 1: | | Ton 2: | | Ton 3: | | PROBLEM: |
| COMMENTS: | | | | | | PROBLEM DIRECTION: |
| ***GENERAL COMMENTS/MAJOR RATED ITEMS*** | | | | | | |
| GENERAL COMMENTS: (BOWDEJ1, 04/16/2007)--(17') SEMI-DEEP - (110'-110') CONT COMP PL GDR - (28') SEMI-DEEP SPANS | | | | | | |
| [ITEM 58] DECK: | | 7-GOOD CONDITION | | COMMENTS: (CAMPBL1, 09/08/2015)--BAY 1,2,5,8 ONE CRACKED PANEL | | |
| RATING : | | 10/25/2007 | | (CAMPBL1, 09/08/2015)--MANY REFLECTIVE CRACKS | | |
| [ITEM 59] SUPER: | | 7-GOOD CONDITION | | COMMENTS: (ALLBRD1, 10/29/2003)--DIAPHRAGMS BOLTED TO FLANGES IN TENSION ZONES, WELDED IN COMPRESSON ZONES | | |
| RATING : | | 09/19/2013 | | (EVANSZ1, 09/06/2019)--MODERATE GIRDER RUST/ PAINT PEELED | | |
| [ITEM 60] SUB: | | 6-SATISFACTORY CONDITION | | COMMENTS: (EVANSZ1, 09/06/2019)--MINOR SATURATION OF ABUTMENT BACKWALLS | | |
| RATING : | | 09/06/2019 | | | | |
| [ITEM 61] BANK/CHANNEL: | | N-NOT APPLIC NO WATRWAY | | COMMENTS: | | |
| RATING : | | 05/18/2001 | | | | |
| [ITEM 113] SCOUR: | | N-NOT APPLIC NOT WATERW | | COMMENTS: | | |
| RATING : | | 05/18/2001 | | | | |
| EVALUATION TYPE : | | | | | | |
| [ITEM 71] WATERWAY ADEQUACY: | | NOT APPLICABLE | | COMMENTS: | | |
| RATING : | | 05/18/2001 | | | | |
| [ITEM 72] APPRRDWY ALIGNMENT: | | 8-VERYGOOD | | COMMENTS: | | |
| RATING : | | 05/18/2001 | | | | |
| ***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS*** | | | | | | |
| [ITEM 36A] BRIDGE RAILING RATING: | | MEETS CURRENT STANDARDS-1 | | RATING : | | COMMENTS: |
| | | | | 05/18/2001 | | |
| <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | | <u>COMMENTS</u> |
| REINFORCED CONCRETE | | SAFETY BARRIER CURB | | BOTH | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> |
| DETERIORATION | | RANDOM | | | | HEAVY |
| EFFLORESCENCE | | RANDOM | | | | HEAVY |
| SATURATION | | RANDOM | | | | HEAVY |
| SPALLS | | RANDOM | | | | MINOR |
| REINFORCED CONCRETE | | RAISED MEDIAN | | BOTH | | (ALLBRD1, 10/29/2003)--DIVIDING TRAFFIC |
| [ITEM 36B] TRANSITION RAILING RATING: | | MEETS CURRENT STANDARDS-1 | | RATING : | | COMMENTS: |
| | | | | 05/18/2001 | | |
| <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | | <u>COMMENTS</u> |
| GALVANIZED STEEL | | THRIE BEAM TO W-BEAM | | ALL | | |
| Design_No = A5045 | | | | | | |
| Page 2 | | | | | | |
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| | | | | BRIDGE: A5045 | | | |
| <i>[ITEM 36C] APPROACH RAILING RATING: MEETS CURRENT STANDARDS-1</i> | | | | | | | |
| <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | | <u>COMMENTS</u> | |
| GALVANIZED STEEL | | W-BEAM | | ALL | | | |
| <i>[ITEM 36D] RAIL END TREATMENT RATING: DOESNT MEET CURRNT STND-0</i> | | | | | | | |
| <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | | <u>COMMENTS</u> | |
| GALVANIZED STEEL | | BREKAWAY SYSTEM | | ALL | | | |
| APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below. | | | | | | | |
| <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | | <u>CONDITION*</u> | |
| REINFORCED CONCRETE | | SLAB | | BOTH | | POOR | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> | |
| DELAMINATION | | THROUGHOUT | | | | LARGE | |
| LONGITUDINAL CRACKS | | THROUGHOUT | | | | LARGE | |
| PATCHES | | THROUGHOUT | | | | LARGE | |
| REBAR EXPOSED | | RANDOM | | | | MODERATE | |
| SPALLS | | THROUGHOUT | | | | MANY | |
| ***DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS*** | | | | | | | |
| <u>DECK PROTECTIVE COMPONENTS:</u> | | | | | | | |
| <u>SERIES TYPE-#</u> | | <u>COMPONENT</u> | | <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | |
| MAIN SERIES-1 | | WEARING SURFACE | | PLAIN CONCRETE | | MONOLITHIC | |
| <u>COMMENT:</u> | | | | | | | |
| | | DECK PROTECTION | | EPOXY POLYMER | | COATED REBAR | |
| <u>COMMENT:</u> | | | | | | | |
| | | MEMBRANE | | NOTAPPLICABLE | | NONE | |
| <u>COMMENT:</u> | | | | | | | |
| | | SECONDARY DECK PROTECTION | | LIQUID SEALANT | | INTERNALLY SEALED | |
| <u>COMMENT:</u> | | (CAMPBL1, 10/25/2013)--BARACADE WB SILANE/SILOXANE SEALER APPLIED TO DECK 2001. | | | | 2016 | |
| | | (CAMPBL1, 10/25/2013)--EVIDENCE OF WORN CRACK SEALER IN T-CRACKS (2013). | | | | SILANE | |
| <u>DRAINAGE COMPONENTS:</u> | | | | | | | |
| <u>COMPONENT</u> | | <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | |
| DRAINAGE | | REINFORCED CONCRETE | | DRAIN BASIN-END BENT | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> | |
| OTHER | | THROUGHOUT | | | | NOT APPLICABLE | |
| | | | | | | <u>COMMENT</u> | |
| | | | | | | (CAMPBL1, 09/16/2015)--FULL OF SILT @ SW. | |
| | | | | | | LARGE VOID UNDERNEATH @ SW. | |
| | | | | | | (CAMPBL1, 10/10/2017)--SW VOID NEEDS TO BE REPAIRED BEFORE IT BREAKS & SETTLES | |
| DRAINAGE | | GALVANIZED STEEL | | FLOOR DRAIN | | | |
| | | | | | | | |
| Design_No = A5045 | | | | | | | |
| Page 3 | | | | | | | |
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| | | | | BRIDGE: A5045 | | | |
| EXPANSION DEVICE COMPONENTS: | | | | | | | |
| <u>SUB UNIT-#</u> | | <u>SUB LABEL</u> | | <u>COMPONENT</u> | | <u>MATERIAL</u> | |
| ABUTMENT-1 | | CLOSED EXPANSION JOINT | | ELASTOMERIC | | COMPRESSION SEAL | |
| <u>COMMENT:</u> | | (CAMPBL1, 10/13/2015)--6/3/15 - JOC PLACED 85 LF EMSEAL (1") | | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> | |
| ANCHORAGE SPALLS | | NOSING | | | | MODERATE | |
| BULGING | | THROUGHOUT | | | | MINOR | |
| LEAKING | | THROUGHOUT | | | | MINOR | |
| TORN | | THROUGHOUT | | | | MINOR | |
| ABUTMENT-3 | | CLOSED EXPANSION JOINT | | ELASTOMERIC | | COMPRESSION SEAL | |
| <u>COMMENT:</u> | | (CAMPBL1, 10/13/2015)--6/3/15 - JOC PLACED 82 LF EMSEAL (1.5") | | | | | |
| BULGING | | THROUGHOUT | | | | MINOR | |
| CRACKING | | NOSING | | | | MINOR | |
| LOW | | THROUGHOUT | | | | NOT APPLICABLE | |
| TORN | | THROUGHOUT | | | | MINOR | |
| | | | | | | (CAMPBL1, 10/10/2017)--DELAMS | |
| | | | | | | (CAMPBL1, 10/10/2017)--MINOR VERT MISALIGNMENT | |
| BANK/SLOPE PROTECTION COMPONENTS: | | | | | | | |
| <u>COMPONENT</u> | | <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | | <u>DIRECTION</u> | |
| BANK PROTECTION | | PLAIN CONCRETE | | PAVEDSLOPE | | BOTH | |
| SLOPE PROTECTION | | PLAIN CONCRETE | | PAVEDSLOPE | | BOTH | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> | |
| ERODING | | EDGE | | | | MINOR | |
| OTHER | | THROUGHOUT | | | | NOT APPLICABLE | |
| | | | | | | (CAMPBL1, 10/10/2017)--ALONG EDGE @ NW QUAD | |
| | | | | | | (CAMPBL1, 10/10/2017)--MOD T-CRACKS. | |
| | | | | | | PULLING AWAY FROM ABUTS | |
| ***DECK COMPONENTS*** | | | | | | | |
| <u>SPAN TYPE-#</u> | | <u>COMPONENT</u> | | <u>MATERIAL</u> | | <u>CONSTRUCTION</u> | |
| MAIN SPANS-1 | | DECK | | REINFORCED CONCRETE | | CAST-IN-PLACE-P/C FORMS | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> | |
| EFFLORESCENCE | | OVERHANGS | | | | MODERATE | |
| LEACHING | | PRECAST PANELS | | | | MINOR | |
| POP-OUTS | | DRIVING SURFACE | | | | FEW | |
| REFLECTIVE CRACKS | | THROUGHOUT | | | | CONSIDERABLE | |
| SPALLS | | DECK HAUNCH | | | | MODERATE | |
| TRANSVERSE CRACKS | | OVERHANGS | | | | MANY | |
| TRANSVERSE CRACKS | | PRECAST PANELS | | | | FEW | |
| WEAR | | WHEEL LINES | | | | MEDIUM | |
| MAIN SPANS-2 | | DECK | | REINFORCED CONCRETE | | CAST-IN-PLACE-P/C FORMS | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> | |
| EFFLORESCENCE | | OVERHANGS | | | | HEAVY | |
| LEACHING | | PRECAST PANELS | | | | MINOR | |
| LONGITUDINAL CRACKS | | DRIVING SURFACE | | | | RANDOM | |
| REFLECTIVE CRACKS | | THROUGHOUT | | | | CONSIDERABLE | |
| SATURATION | | DECK HAUNCH | | | | MINOR | |
| SPALLS | | AT JOINTS | | | | SMALL | |
| SPALLS | | DECK HAUNCH | | | | MINOR | |
| TRANSVERSE CRACKS | | OVERHANGS | | | | MANY | |
| | | | | | | (CAMPBL1, 10/10/2017)--BEHIND DIAPHR @ ABUT | |
| Design_No = A5045 | | | | | | | |
| Page 4 | | | | | | | |
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| | | | | | | BRIDGE: A5045 | |
| TRANSVERSE CRACKS WEAR | | PRECAST PANELS WHEEL LINES | | FEW MEDIUM | | | |
| ***SUPERSTRUCTURE COMPONENTS*** | | | | | | | |
| <u>SERIES TYPE-#</u> | <u>SPAN TYPE</u> | <u>MATERIAL</u> | <u>CONSTRUCTION</u> | <u>LABEL</u> | <u>COMMENTS</u> | | |
| MAIN SERIES-1 | CONTINUOUS SPAN | STEEL | PLATE GIRDERS | | | | |
| <u>SPAN</u> | <u>COMPOSITE INDICATOR</u> | <u>LENGTH</u> | <u>WEATHERING STEEL</u> | <u>COMMENTS</u> | | | |
| MAIN SPANS-1 | COMPOSITE | 111 FT 3 IN | NO | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| OTHER | | GIRDERS | | NOT APPLICABLE | | (CAMPBL1, 10/10/2017)--HEAVILY STAINED OVER TRAFFIC | |
| PAINT FADING | | THROUGHOUT | | MEDIUM | | | |
| RUSTING | | BOTTOM FLANGE | | MODERATE | | (CAMPBL1, 09/16/2015)--OVER TRAFFIC LANES | |
| RUSTING | | DIAPHRAGMS | | MODERATE | | (CAMPBL1, 10/25/2013)--UDNER EXP JOINT | |
| MAIN SPANS-2 | COMPOSITE | 111 FT 3 IN | NO | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| OTHER | | GIRDERS | | NOT APPLICABLE | | (CAMPBL1, 10/10/2017)--HEAVILY STAINED OVER TRAFFIC | |
| RUSTING | | BOTTOM FLANGE | | MODERATE | | (EVANSZ1, 09/26/2019)--OVER TRAFFIC LANES; AND @ BEARINGS 5, 7, & 8 (BTM FLG NOT PAINTED) | |
| | | | | | | | |
| RUSTING | | DIAPHRAGMS | | MINOR | | (ALLBRD1, 10/25/2007)--END DIAPHS UNDER EXP AT SOUTH ABUT (EVANSZ1, 09/26/2019)--W/ MIN PACKRUST | |
| ***SUBSTRUCTURE COMPONENTS*** | | | | | | | |
| <u>SUBSTRUCTURE</u> | <u>SKEW</u> | <u>LENGTH</u> | <u>MATERIAL</u> | <u>CONSTRUCTION</u> | <u>LABEL</u> | <u>COMMENTS</u> | |
| ABUTMENT-1 | | 84 FT 8 IN | REINFORCED CONCRETE | SEMI-DEEP | | (CAMPBL1, 11/19/2009)--NEOPRENE BEARING PADS UNDER GIRDERS 1 FROM WEST ARE WALKING OUT AND ARE STICKING OUT 1 1/2" PAST THE SOLE PLATE AT NORTH ABUT | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| <u>ASSOCIATED COMPONENT</u> | | <u>MATERIAL</u> | <u>CONSTRUCTION</u> | | | | |
| BEAM CAP | | REINFORCED CONCRETE | CAST-IN-PLACE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| EFFLORESCENCE | | THROUGHOUT | | MODERATE | | | |
| RUST STAINS | | FRONT FACE | | MINOR | | | |
| SEALED | | THROUGHOUT | | EPOXY | | (CAMPBL1, 05/06/2014)--2014 - W/ CIM 1000 | |
| VERTICAL CRACKS | | CAP FACE | | MINOR | | | |
| PILING | | STEEL | H-SHAPE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| TURNED BACK WINGS | | REINFORCED CONCRETE | CAST-IN-PLACE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| CURTAIN WALL | | REINFORCED CONCRETE | CAST-IN-PLACE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| APPROACH BEAM | | REINFORCED CONCRETE | CAST-IN-PLACE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| SLAB | | REINFORCED CONCRETE | CAST-IN-PLACE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| LONGITUDINAL CRACKS | | THROUGHOUT | | MANY | | | |
| OTHER | | RANDOM | | NOT APPLICABLE | | (CAMPBL1, 10/10/2017)--MANY MAP CRACKS SBL, NORTH END | |
| BACKWALL | | REINFORCED CONCRETE | CAST-IN-PLACE | | | | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | <u>LOCATION 2</u> | <u>SEVERITY</u> | <u>MEASUREMENT</u> | <u>COMMENT</u> | |
| DIAGONAL CRACKS | | RANDOM | | MINOR | | (CAMPBL1, 09/16/2015)--@ END | |
| EFFLORESCENCE | | THROUGHOUT | | MODERATE | | | |
| LEACHING | | THROUGHOUT | | MINOR | | | |
| Design_No = A5045 | | | | | | | |
| Page 5 | | | | | | | |
| This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein. | | | | | | | |



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|---|--|---|--|---|--|---|--|
|  | | Missouri Department of Transportation | | | | May 19, 2021 | |
| | | State Bridge Inspection Report | | | | 2:12:09PM | |
| COUNTY: ST. CHARLES | | DISTRICT: SL | | CLASS: STATBR | | FED-ID: 4069 | |
| | | | | BRIDGE: A5045 | | | |
| EFFLORESCENCE LEACHING RUST STAINS SATURATION SEALED VERTICAL CRACKS EXPANSION BEARING | | TOP TOP RANDOM RANDOM THROUGHOUT THROUGHOUT ELASTOMERIC | | LIGHT MEDIUM MODERATE MINOR ASPHALTICBASE FEW LAMINATED NEOPRENE/PT | | (CAMPBL1, 10/10/2017)--@ BOTTOM (CAMPBL1, 09/16/2015)--MODERATE | |
| <u>CONDITION</u> | | <u>LOCATION 1</u> | | <u>LOCATION 2</u> | | <u>SEVERITY</u> <u>MEASUREMENT</u> <u>COMMENT</u> | |
| RUSTING RUSTING | | ANCHOR BOLTS SOLE PLATE | | MODERATE MINOR | | (EVANSZ1, 09/26/2019)--@ G7. MINOR THRU (CAMPBL1, 10/13/2015)--FEW | |
| ***OVER/UNDER ROUTES CLEARANCE INFORMATION*** | | | | | | | |
| <u>CLEARANCES OVER DECK</u> **NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance. | | | | | | | |
| <u>VERTICAL CLEARANCE TYPE**</u> <u>VALUE</u> <u>DIRECTION</u> <u>DATE</u> <u>COMMENT</u> | | | | | | | |
| <u>CLEARANCES UNDER BRIDGE</u> **NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance. | | | | | | | |
| <u>RECORD #</u> | | <u>ROUTE</u> | | <u># LANES</u> | | <u>DIRECTION OF TRAFFIC</u> | |
| 1 | | IS 70 E | | 3 | | 1-WAY TRAF | |
| <u>VERTICAL CLEARANCE TYPE**</u> | | <u>VALUE</u> | | <u>DIRECTION</u> | | <u>DATE</u> | |
| ACTUAL | | 17 FT 2 IN | | | | 05/23/2018 | |
| <u>RECORD #</u> | | <u>ROUTE</u> | | <u># LANES</u> | | <u>DIRECTION OF TRAFFIC</u> | |
| 2 | | IS 70 W | | 3 | | 1-WAY TRAF | |
| <u>VERTICAL CLEARANCE TYPE**</u> | | <u>VALUE</u> | | <u>DIRECTION</u> | | <u>DATE</u> | |
| ACTUAL | | 17 FT 0 IN | | | | 05/23/2018 | |
| ***STRUCTURE PAINT INFORMATION*** | | | | | | | |
| CONDITION: | | GOOD | | RUST AMOUNT : | | 7 = .2% OF SURFACE RUSTED | |
| | | | | STEEL TONS : | | 242 | |
| <u>ORIGINAL PAINT</u> | | <u>CONTRACT REPAINT</u> | | <u>DEPARTMENT REPAINT</u> | | | |
| PAINT TYPE : C SYSTEM | | PAINT TYPE : | | PAINT TYPE : | | MANUFACTURE : | |
| NAME : INORGANIC ZINC/VINYL | | NAME : | | NAME : | | SURFACE PREP : | |
| PAINT COLOR : GREEN | | PAINT COLOR : | | PAINT COLOR : | | | |
| PAINT YEAR : 1991 | | PAINT YEAR : | | PAINT YEAR : | | | |
| MILS : 6 | | MILS : | | MILS : | | | |
| ***REQUESTED WORK ITEMS*** | | | | | | | |
| GENERAL WORK COMMENTS: | | | | | | | |
| Design_No = A5045 | | | | | | | |
| Page 7 | | | | | | | |
| This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein. | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|---------------------------------------|--------------------------|---------------------------|--------------------------|---------------------------|------------------|--|--|--|---------------------------|--|--|---------------------------|-----------|---------------------------------|-----------------------|----------|---------------------------|--------------------------|-----------|---------------------|-------|-----------|-------------|---------------|-----------|----------------------|--|------|---------------------------------|--|------|---------------------------|--|------|-------------------------------|--|------|------------------------|--|------|---|--|--|--|---------------|------------------|----------------|--------------------------|---|--|--|--|
|  | | Missouri Department of Transportation | | | | May 19, 2021 2:12:09PM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COUNTY: ST. CHARLES | | DISTRICT: SL | | CLASS: STATBR | | FED-ID: 4069 | | BRIDGE: A5045 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RESPONSIBILITY | | LOCATION | | ITEM | | CATEGORY | | PRIORITY | | DATE | | WORK ITEM COMMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT SPECIAL | | NORTH | | SEAL PAVED JOINTS PVD SLP | | SLOPE | | 3 | | 10/27/2011 | | (CAMPBL1, 10/31/2011)--PLACE BACKER ROD & HOT SEAL JOINT @ BEAM CAP / SLOPE PROTECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT SPECIAL | | ROADWAY SURFACE | | SEAL CRACKS WITH PAVON | | DECK | | 2 | | 09/13/2013 | | (CAMPBL1, 10/25/2013)--INCLUDE SEMI-DEEP SLAB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT ROUTINE | | SEE COMMENT | | CLEAN AND FLUSH | | SUPERSTRUCTURE | | 3 | | 09/13/2013 | | (CAMPBL1, 10/25/2013)--FLUSH GIRDERS OVER TRAFFIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT ROUTINE | | SEE COMMENT | | CLEAN AND FLUSH | | SUBSTRUCTURE | | 2 | | 09/12/2017 | | (CAMPBL1, 10/25/2013)--BEAM CAPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT ROUTINE | | SOUTH WEST | | REPAIR EROSION | | SLOPE | | 2 | | 09/12/2017 | | (CAMPBL1, 10/10/2017)--DRAIN BASIN COLLAPSING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT ROUTINE | | SEE COMMENT | | MISCELLANEOUS | | APPROACH | | 2 | | 09/12/2017 | | (CAMPBL1, 10/10/2017)--REPLACE BROKEN CURB @ BASIN (SW QUAD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT SPECIAL | | ROADWAY SURFACE | | SEAL WITH SILANE | | DECK | | 3 | | 08/11/2019 | | (CAMPBL1, 10/07/2015)--ON 2016 SILANE LIST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT ROUTINE | | SOUTH | | CLEAN DRAIN BASINS | | APPROACH | | 2 | | 09/06/2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT ROUTINE | | SLOPE | | CUT BRUSH & TREES | | SLOPE | | 3 | | 09/06/2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTRICT SPECIAL | | ROADWAY SURFACE | | SEAL WITH SILANE | | DECK | | 3 | | 01/01/2023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIP | | | | | | HYDRO DEMOLITION | | 3 | | 01/01/2023 | | (CAMPBL1, 10/10/2017)--HYDRO/ LATEX DO; REPLACE APPROACHES & EXP JOINTS, PAINT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***UTILITY ATTACHMENTS*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTILITY | | OWNER | | METHOD | | MEASUREMENT TYPE | | VALUE | | NUMBER | | UTILITY ATTACHMENT COMMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURAL SIGN | | MODOT | | POLE | | | | | | 1 | | (EVANSZ1, 09/23/2019)--SIGNPOST MOUNTED TO DECK @ MEDIAN OVER BT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***PROGRAM NOTES INFORMATION*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>YEAR</u> | | <u>PROJECT #</u> | | <u>MONTH LET</u> | | <u>YEAR LET</u> | | <u>ITEMS</u> | | <u>COMMENT</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | | J6S3488 | | 11 | | 2022 | | DECK REPAIR, REPAINT, SUBSTRUCTURE REPAIR, WEARING SURFACE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS*** | | | | | | | | | | ***ADVANCED SIGN INFORMATION*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>NOTE: The items listed in this section are updated whenever computer edits are ran on a structure after the inspection updates have been entered in to TMS.</div> <table><tr><td><u>Rated Item</u></td><td><u>Rating</u></td><td><u>Rating Date</u></td></tr><tr><td>[Item 67] Structure Evaluation Rating:</td><td>6-EQ TO PRESENT MIN CRITR</td><td>9/10/2019</td></tr><tr><td>[Item 68] Deck Geometry Rating:</td><td>5-BETTER THAN MINIMUM</td><td>3/3/2015</td></tr><tr><td>[Item 69] Underclearance:</td><td>9-SUPR TO PRES DESIRABLE</td><td>3/20/2002</td></tr><tr><td>Sufficiency Rating:</td><td>91.2%</td><td>9/10/2019</td></tr><tr><td>Deficiency:</td><td>NOT DEFICIENT</td><td>5/18/2001</td></tr><tr><td>Funding Eligibility:</td><td></td><td>----</td></tr><tr><td>Estimated New Structure Length:</td><td></td><td>----</td></tr><tr><td>Estimated Structure Cost:</td><td></td><td>----</td></tr><tr><td>Estimated Total Project Cost:</td><td></td><td>----</td></tr><tr><td>Year of Cost Estimate:</td><td></td><td>----</td></tr></table> <div>NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NBI items to come up with a new structure length and width to calculate a new area which is taken times a representative cost per square foot. The actual structure size and cost may vary significantly from these numbers once site specific engineering is done.</div> | | | | | | | | | | <u>Rated Item</u> | <u>Rating</u> | <u>Rating Date</u> | [Item 67] Structure Evaluation Rating: | 6-EQ TO PRESENT MIN CRITR | 9/10/2019 | [Item 68] Deck Geometry Rating: | 5-BETTER THAN MINIMUM | 3/3/2015 | [Item 69] Underclearance: | 9-SUPR TO PRES DESIRABLE | 3/20/2002 | Sufficiency Rating: | 91.2% | 9/10/2019 | Deficiency: | NOT DEFICIENT | 5/18/2001 | Funding Eligibility: | | ---- | Estimated New Structure Length: | | ---- | Estimated Structure Cost: | | ---- | Estimated Total Project Cost: | | ---- | Year of Cost Estimate: | | ---- | <table><tr><td>SIGN #</td><td>SIGN TYPE</td><td>PROBLEM</td><td>PROBLEM DIRECTION</td></tr><tr><td>1</td><td></td><td></td><td></td></tr></table> | | | | SIGN # | SIGN TYPE | PROBLEM | PROBLEM DIRECTION | 1 | | | |
| | | | | | | | | | | <u>Rated Item</u> | <u>Rating</u> | <u>Rating Date</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | [Item 67] Structure Evaluation Rating: | 6-EQ TO PRESENT MIN CRITR | 9/10/2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [Item 68] Deck Geometry Rating: | 5-BETTER THAN MINIMUM | 3/3/2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [Item 69] Underclearance: | 9-SUPR TO PRES DESIRABLE | 3/20/2002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sufficiency Rating: | 91.2% | 9/10/2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deficiency: | NOT DEFICIENT | 5/18/2001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Funding Eligibility: | | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Estimated New Structure Length: | | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Estimated Structure Cost: | | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Estimated Total Project Cost: | | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year of Cost Estimate: | | ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGN # | SIGN TYPE | PROBLEM | PROBLEM DIRECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***OUTFALL INSPECTION INFORMATION*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><td># OUTFALLS: 0</td><td>INSPECTOR: CHUCK DOLEJSI</td></tr><tr><td>STATUS: NONE</td><td>DATE: 09/12/2017</td></tr><tr><td>NOTES: OVER ROADWAY</td><td></td></tr></table> | | | | # OUTFALLS: 0 | INSPECTOR: CHUCK DOLEJSI | STATUS: NONE | DATE: 09/12/2017 | NOTES: OVER ROADWAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| # OUTFALLS: 0 | INSPECTOR: CHUCK DOLEJSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STATUS: NONE | DATE: 09/12/2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES: OVER ROADWAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |