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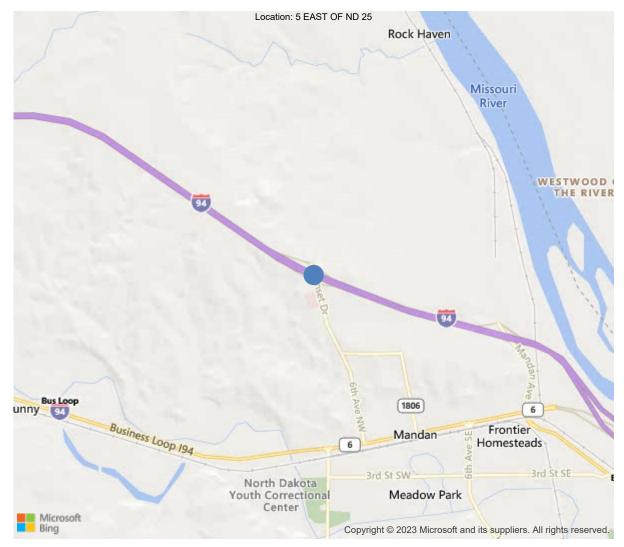
Asset #0094-152.329 R(Routine) INTERSTATE 94 over SUNSET DR/NW MANDAN INT. Location: 5 EAST OF ND 25 Inspection Date: 04/26/2023



Latitude:46.84494, Longitude:-100.90731 Route:00094 Log:152.296 District 61, 30 - Morton Owner: 1 - State Highway Agency Place Code: 49900 Team Leader: Jake Mertz Approved By: Travis McCloud

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46.84494, -100.90731

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Asset #0094-152.329 R(Routine) INTERSTATE 94 over SUNSET DR/NW MANDAN INT. Location: 5 EAST OF ND 25

Inspection Date: 04/26/2023

| CLASSIFICATI | ON |
|--------------|----|

| IDENTIFICA | ATION |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (1) State Names | 38 - North Dakota |
| (8) Structure Number | 0094-152.329 R |
| (5) Inventory Route | 1 Diamarak |
| (2) Highway Agency District(3) County Code | 1 - Bismarck 30 - Morton |
| (4) Place Code | 49900 |
| (6) Features Intersected | SUNSET DR/NW MANDAN INT. |
| (7) Facility Carried | INTERSTATE 94 |
| (9) Location | 5 EAST OF ND 25 |
| (11) Mile Point | 152.296 mi |
| (12) Base Highway Network | Yes |
| (13) LRS Inventory Rte & Subrte | 000000000 |
| (16) Latitude | 46.8449377328579 |
| (17) Longitude | -100.90731039683 |
| (98) Border Bridge State Code | -1 |
| (99) Border Bridge Structure No. | |
| STRUCTURE TYPE A | AND MATERIAL |
| (43) Main Structure Type | 42 |
| Material | 4 - Steel continuous |
| Туре | 2 - Stringer/Multi-beam or girder |
| (44) Approach Structure Type | 00 |
| Material | 0 - Other |
| Type | 0 - Other |
| (45) No. of Spans in Main Unit(46) No. of Approach Spans | 3 |
| (107) Deck Structure Type | 1 - Concrete Cast-in-Place |
| (108) Wearing Surface/Protective System | |
| Type of Wearing Surface | 4 - Low slump Concrete |
| Type of Membrane | 0 - None |
| Type of Deck Protection | 0 - None |
| AGE AND SE | ERVICE |
| (27) Year Built | 1964 |
| | |
| (106) Year Reconstructed | 1985 |
| (106) Year Reconstructed (42) Type of Service | 1985 61 |
| (42) Type of Service On 6 - Overpa | 61 ass structure at an interchange or s |
| (42) Type of Service On 6 - Overpa Under 1 - F | 61 |
| (42) Type of Service On 6 - Overpa Under 1 - F (28) Lane | 61 ass structure at an interchange or s Highway, with or without pedestrian |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane 0n Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (109) Truck ADT GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (50) Curb or Sidewalk Width | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane 0n Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (109) Truck ADT GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curb | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft 43 ft Iders) 38.1 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft 43 ft 1ders) 38.1 ft 0 - No median |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curf (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft b 37.1 ft 1ders) 38.1 ft 0 - No median 36 Deg |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curf (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (49) Structure Flared | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft b 37.1 ft lders) 38.1 ft 0 - No median 36 Deg 0 - No flare |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under 1 - H (28) Average Daily Traffic On (30) Year of ADT (109) Truck ADT (109) Truck ADT GEOMETRIC (48) Length of Maximum Span GEOMETRIC (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 43 ft Iders) 38.1 ft 0 - No median 36 Deg 0 - No flare 99.99 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under 1 - H (28) Average Daily Traffic On (30) Year of ADT (109) Truck ADT (109) Truck ADT GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (47) Inventory Route Total Horiz Clear | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Clear Over Bridge Rdwy | 61 ass structure at an interchange or s dighway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft 43 ft Iders) 38.1 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Clear Over Bridge Rdwy (54) Min Vert Underclear | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 37.1 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Underclear Ref: | 61 ass structure at an interchange or s dighway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft lders) 38.1 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 99.99 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under 1 - H (28) Average Daily Traffic On (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curf (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (33) Bridge Median (33) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Underclear Rt (54) Min Vert Underclear RT | 61 ass structure at an interchange or s dighway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft 43 ft Iders) 38.1 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Underclear Ref: | 61 ass structure at an interchange or s dighway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft b 37.1 ft lders) 38.1 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 99.99 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under 1 - H (28) Average Daily Traffic On (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (50) Curb or Sidewalk Width Curb to Curf (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Total Horiz Clear (47) Inventory Route Total Horiz Clear (47) Jinventory Route Total Horiz Clear (54) Min Vert Underclear RE (55) Min Lat Underclear RT Ref: | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 99.99 ft 14.41 ft 1.6 ft 0 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under 1 - H (29) Average Daily Traffic On (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (47) Inventory Route Total Horiz Clear (54) Min Vert Underclear RT Ref: (55) Min Lat Underclear RT Ref: (56) Min Lat Underclear LT Context LT | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 99.99 ft 14.41 ft 1.6 ft 0 ft |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Min Vert Clear (53) Min Vert Clear Over Bridge Rdwy (54) Min Vert Underclear RT Ref: (55) Min Lat Underclear LT NAVIGATIO | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 38.1 ft 16d rs) 38.1 ft 90 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 99.99 ft 14.41 ft 1.6 ft N DATA |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Truck ADT GEOMETRIC (48) Length of Maximum Span (44) Structure Length (50) Curb or Sidewalk Width (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Total Horiz Clear (47) Inventory Route Total Horiz Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Clear Over Bridge Rdwy (54) Min Vert Underclear Ref: (55) Min Lat Underclear RT Ref: (56) Min Lat Underclear LT NAVIGATIOI (38) Navigation Control (38) Navigation Control | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 37.1 ft 99.99 ft 14.41 ft 1.6 ft 0 ft N DATA |
| (42) Type of Service On 6 - Overpa Under 1 - H (28) Lane On Under (29) Average Daily Traffic (30) Year of ADT (109) Truck ADT (19) Truck ADT (19) Bypass, Detour Length GEOMETRIC (48) Length of Maximum Span (49) Structure Length (50) Curb or Sidewalk Width (51) Bridge Roadway Width Curb to Curt (52) Deck Width Out to Out (52) Deck Width Out to Out (32) Approach Roadway Width (W/Shoul (33) Bridge Median (34) Skew (35) Structure Flared (10) Inventory Route Min Vert Clear (47) Inventory Route Total Horiz Clear (53) Min Vert Underclear (53) Min Vert Underclear Ref: (55) Min Lat Underclear LT NAVIGATION (38) Navigation Control (111) Pier Protection | 61 ass structure at an interchange or s Highway, with or without pedestrian 2 4 6350 2019 10 % 66 mi C DATA 60 ft 166 ft Left 0 ft Right 0 ft 0 - No median 36 Deg 0 - No flare 99.99 ft 99.99 ft 37.1 ft 16 ft 0 ft N - Not applicable, no waterwa 0 ft |

| CLASSIFIC | LATION |
|----------------------------------------|------------------------------------------------|
| (112) NBIS Bridge Length | Y |
| (104) Highway System | 1 |
| (26) Functional Class | 11 - Urban Principal Arterial |
| (100) Defense Highway | 1 - The inventory route is on |
| (101) Parallel Structure | R - The right structure of par |
| (102) Direction of Traffic | 1 - way traffic |
| (103) Temporary Structure | |
| (105) Federal Lands Highways | 0 - N/A |
| (110) Designated National Network | The inventory route is par |
| (20) Toll | 3 - On free road. The structu |
| (21) Maintain | 1 - State Highway Agency |
| (22) Owner | 1 - State Highway Agency |
| (37) Historical Significance | 5 - Bridge is not eligible for |
| CONDIT | TION |
| (58) Deck | 7 |
| (59) Superstructure | 7 |
| (60) Substructure | 7 |
| (61) Channel & Channel Protection | N |
| (62) Culverts | N |
| LOAD RATING A | ND POSTING |
| (31) Design Load | 5 - MS 18 / HS 20 |
| (63) Operating Rating Method | 1 |
| (64) Operating Rating | |
| Туре | 1 - Load Factor(LF) |
| Rating | 64.2 |
| (65) Inventory Rating Method | 1 - Load Factor(LF) |
| (66) Inventory Rating | |
| Туре | |
| Rating | 38.4 |
| (70) Bridge Posting | 5 - Equal to or above legal loads |
| (41) Structure Open/Posted/Closed | A - Open, no restriction |
| APPRAI | ISAL |
| (67) Structural Evaluation | 7 |
| (68) Deck Geometry | 5 |
| (69) Clearances, Vertical/Horizontal | 3 |
| (71) Waterway Adequacy | N |
| (72) Approach Roadway Alignment | 8 |
| (36A) Bridge Railings | 1 - Inspected feature meets current |
| (36B) Transitions | 1 - Inspected feature meets current |
| (36C) Approach Guardrail | 1 - Inspected feature meets current |
| (36D) Approach Guardrail Ends | 1 - Inspected feature meets current |
| (113) Scour Critical Bridges | N - Bridge not over waterway. |
| PROPOSED IMP | |
| (75) Type of Work | 38 - Other structural work, in |
| (76) Length of Structure Improvement | 166 ft |
| (94) Bridge Improvement Cost | \$ 86000 |
| (95) Roadway Improvement Cost | \$ 9000 |
| (96) Total Project Cost | \$ 129000 |
| (97) Year of Improvement Cost Estimate | - |
| (114) Future ADT | 6350 |
| (115) Year of Future ADT | 2039 |
| | |
| INSPECT | IONS * |
| (90) Inspection Date | 04/26/2023 |
| (91) Frequency | 24 |

| (90) Inspection Date | | | 04/26/2023 |
|----------------------------------|------|-------------|------------|
| (91) Frequency | | | 24 |
| (92) Critical Feature Inspection | Done | Freq. (Mon) | Date |
| A: Fracture Critical Detail | No | | |
| B: Underwater Inspection | No | | |
| C: Other Special Inspection | | | |
| | | | |

* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.

NORTH

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| Inspection Da | ate: 04/26/2023 |
|---------------|-----------------|
|---------------|-----------------|

| ELEMENTS | DESCRIPTION | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------|---------------------|-------------|--------------|--------|
| 12 | Reinforced Concrete Deck | SF | 7138 | 7134 | 0 | 4 | 0 |
| 1080 | Delamination/Spall/Patched Area | SF | 4 | 0 | 0 | 4 | 0 |
| 1130 | Cracking (RC and Other) | SF | 356 | 356 | 0 | 0 | 0 |
| was damage | September2022 - The underside of the deck next to the dot on the bottom flange from an over height impact. - There is no change to this defect. | ne top flange | of Beam 5 is | cracked ar | nd beginnin | ig to spall. | Beam 5 |
| (1130-12) 3 | 0May2023 - There are scattered sealed cracks through | nout the decl | κ. | | | | |
| 107 | Steel Open Girder/Beam | LF | 830 | 775 | 0 | 55 | 0 |
| 1000 | Corrosion | LF | 43 | 0 | 0 | 43 | 0 |
| 7000 | Damage | LF | 12 | 0 | 0 | 12 | 0 |
| 515 | Steel Protective Coating | SF | 6291 | 0 | 0 | 6248 | 43 |
| 3410 | Chalking (Steel Protective Coatings) | LF | 6248 | 0 | 0 | 6248 | 0 |
| 3420 | Peeling/Bubbling/Cracking | LF | 43 | 0 | 0 | 0 | 43 |
| of plane at t impacted wi 26April2023 (3410-515-1 All the steel 26April2023 (3420-515-1 | 1September2022 - The structure was impacted by an the lower flange. The upper flange remained in place th only minor damage to the lower flanges and to a di - There is no change to this defect. 07) Paint and primer are bubbling and peeling which it beam have chalked. 15April2021 There is no change to this defect. 07) Paint is peeling and bubbling to include the prime There is no change to this defect. | and no deck iaphragm stif is limiting the | concrete was fener on Bea | s broken. E m 4. | 3eams 5, 4 | | |
| 205 | - There is no change to this defect., Reinforced Concrete Column | EA | 10 | 10 | 0 | 0 | 0 |
| | umns are showing normal wear and abrasion 4/1/20 | | 10 | 10 | U | 0 | U |
| 215 | Reinforced Concrete Abutment | LF | 95 | 60 | 34 | 1 | 0 |
| 1080 | Delamination/Spall/Patched Area | LF | 93 1 | 0 | 0 | 1 | 0 |
| | · | | | | | | |
| 1130 (215) Hairlin | Cracking (RC and Other) | LF | 34 | 0 | 34 | 0 | 0 |
| 、 | e cracks on both abutments - 4/1/2019 Small spalls on both abutments - 4/1/2019 | | | | | | |
| There is a 6 | inch by 6 inch spall on abutment 4 at the S1 beam. 1 - There is no change to this defect. | 15April2021 | | | | | |

Asset #0094-152.329 R(Routine)



INTERSTATE 94 over SUNSET DR/NW MANDAN INT.

Location: 5 EAST OF ND 25

Inspection Date: 04/26/2023

| ELEMENTS | DESCRIPTION | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------|----------------------------------|-----------------------------|-------------|
| (1130-215) abutment | Hairline cracks on west abutment between the two sout 4/1/2019 | h beams an | d between t | the two nort | h beams or | the east | |
| 0.016 in wid These crack | has approximately 9 feet of cracks on and between the 4th. Abutment 4 has approximately 25 feet of cracks on as range from approximately 0.008 to 0.040 in width. 15 5 - There is little to no change to this defect. | and betwee | | | | | |
| 34 | Reinforced Concrete Pier Cap | LF | 95 | 94 | 1 | 0 | 0 |
| 1130 | Cracking (RC and Other) | LF | 1 | 0 | 1 | 0 | 0 |
| | The pier 2 pier cap has 1 crack located above the S2 col - There is no change to this defect. | lumn. 15Ap | oril2021 | | | | |
| 11 | Movable Bearing | EA | 15 | 0 | 5 | 10 | 0 |
| 1000 | Corrosion | EA | 15 | 0 | 5 | 10 | 0 |
| 515 | Steel Protective Coating | SF | 75 | 0 | 25 | 0 | 50 |
| 3440 | Effectiveness (Steel Protective Coatings) | EA | 75 | 0 | 25 | 0 | 50 |
| (311) Bearir | ngs show rust has started, no section loss 4/1/2019 | | | | | | |
| 1000-311) | Rust has started on bearings - 4/1/2019 | | | | | | |
| 15Aprill2021 26April2023 (515-311) p | There is no change to this defect. protective coating on bearings is mostly ineffective 4/1, | /2019 | The pier 3 l | pearings hav | ve freckled r | rust initiate | ed. |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing | 1 - There is no change to this defect. | /2019)19 | | - | | | ed. |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 | 1 5 - There is no change to this defect. protective coating on bearings is mostly ineffective 4/1, 311) Protective coating has limited effectiveness - 4/1/20 ps coating at both abutments has failed. Thee pier 3 bea | /2019)19 | | - | | | ed. 0 |
| L5Aprill2021 26April2023 515-311) p 3440-515-3 The bearing 26April2023 | There is no change to this defect. There is no change to this defect. protective coating on bearings is mostly ineffective 4/1/20 Protective coating has limited effectiveness - 4/1/20 s coating at both abutments has failed. Thee pier 3 beats - There is no change to this defect. | /2019)19 arings coatir | ng has freck | led rust initia | ated. 15Ap | ril2021 | |
| 25Aprill2021 26April2023 515-311) p 3440-515-3 The bearing 26April2023 13 1000 | a - There is no change to this defect. b - There is no change to this defect. b - There is no change to this defective ineffective 4/1/20 c - 4/1/2 | /2019 019 arings coatin EA | ng has freck | led rust initia | ated. 15Ap | ril2021 0 | 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 | a - There is no change to this defect. b - There is no change to this defect. b - There is no change to this limited effectiveness - 4/1/20 c - There is no change to this defect. Fixed Bearing Corrosion | /2019 D19 arings coatin EA EA | ng has freck 5 5 | led rust initia | ated. 15Ap 5 5 | ril2021 0 0 | 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 | a There is no change to this defect. b There is no change to this defect. b protective coating on bearings is mostly ineffective 4/1/20 c There is no change to this defect. c There is no change to this defect. Fixed Bearing C Corrosion Steel Protective Coating | /2019 D19 arings coatin EA EA SF | ng has freck 5 5 25 | led rust initia 0 0 0 | ated. 15Ap 5 5 25 | ril2021 0 0 0 | 0 0 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 (313) rust a (1000-313) | a There is no change to this defect. b There is no change to this defect. b protective coating on bearings is mostly ineffective 4/1,201 c There is no change to this defect. c There is no change to this defect. Fixed Bearing C Corrosion Steel Protective Coating Effectiveness (Steel Protective Coatings) | /2019 019 EA EA EA SF EA | ng has freck 5 5 25 | led rust initia 0 0 0 | ated. 15Ap 5 5 25 | ril2021 0 0 0 | 0 0 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 (313) rust a (1000-313) 26April2023 | a There is no change to this defect. b There is no change to this defect. b protective coating on bearings is mostly ineffective 4/1/2010 c at both abutments has failed. Thee pier 3 bears c There is no change to this defect. Fixed Bearing Corrosion Corrosion Steel Protective Coating Effectiveness (Steel Protective Coatings) and corrosion has started on bearings - 4/1/2019 Freckled rust has initiated on the pier 2 bearings. 15App | /2019 019 EA EA EA SF EA | ng has freck 5 5 25 | led rust initia 0 0 0 | ated. 15Ap 5 5 25 | ril2021 0 0 0 | 0 0 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 (313) rust a (1000-313) 26April2023 (515-313) p (3440-515-3 | There is no change to this defect. There is no change to this defect. protective coating on bearings is mostly ineffective 4/1/20 Bath Protective coating has limited effectiveness - 4/1/20 protective coating has limited effectiveness - 4/1/20 protective coating to this defect. Fixed Bearing Corrosion Steel Protective Coating Effectiveness (Steel Protective Coatings) and corrosion has started on bearings - 4/1/2019 Freckled rust has initiated on the pier 2 bearings. 15Apr There is no change to this defect. | /2019 D19 arings coatin EA EA SF EA ril2021 | ng has freck 5 5 25 25 | led rust initia 0 0 0 | ated. 15Ap 5 5 25 | ril2021 0 0 0 | 0 0 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 (313) rust a (1000-313) 26April2023 (515-313) p (3440-515-3 26April2023 | There is no change to this defect. There is no change to this defect. protective coating on bearings is mostly ineffective 4/1/2019 Protective coating has limited effectiveness - 4/1/2019 s coating at both abutments has failed. Thee pier 3 bears There is no change to this defect. Fixed Bearing Corrosion Steel Protective Coating Effectiveness (Steel Protective Coatings) and corrosion has started on bearings - 4/1/2019 Freckled rust has initiated on the pier 2 bearings. 15Apr There is no change to this defect. | /2019 D19 arings coatin EA EA SF EA ril2021 | ng has freck 5 5 25 25 | led rust initia 0 0 0 | ated. 15Ap 5 5 25 | ril2021 0 0 0 | 0 0 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 (313) rust a (1000-313) 26April2023 (515-313) p (3440-515-3 26April2023 | There is no change to this defect. There is no change to this defect. protective coating on bearings is mostly ineffective 4/1/2019 S coating at both abutments has failed. Thee pier 3 bears There is no change to this defect. Fixed Bearing Corrosion Steel Protective Coating Effectiveness (Steel Protective Coatings) Ind corrosion has started on bearings - 4/1/2019 Freckled rust has initiated on the pier 2 bearings. 15April - There is no change to this defect. There is no change to this defect. | /2019 D19 arings coatin EA EA SF EA ril2021 | ng has freck 5 25 25 25 5April2021 | led rust initia 0 0 0 0 | ated. 15Ap 5 5 25 25 | ril2021 0 0 0 | 0 0 0 |
| 15Aprill2021 26April2023 (515-311) p (3440-515-3 The bearing 26April2023 13 1000 515 3440 (313) rust a (1000-313) 26April2023 (515-313) p (3440-515-3 26April2023 21 | a There is no change to this defect. b There is no change to this defect. b orotective coating on bearings is mostly ineffective 4/1, 311) Protective coating has limited effectiveness - 4/1/20 as coating at both abutments has failed. Thee pier 3 bears - There is no change to this defect. c There is no change to this defect. Fixed Bearing Corrosion Steel Protective Coating Effectiveness (Steel Protective Coatings) and corrosion has started on bearings - 4/1/2019 Freckled rust has initiated on the pier 2 bearings. 15April - There is no change to this defect. brotective coating is mostly ineffective 4/1/2019 313) The coating on the pier 2 bearings is substantially effective is no change to this defect. Reinforced Concrete Approach Slab | /2019 019 arings coatin EA EA SF EA ril2021 effective. 15 | ng has freck 5 5 25 25 5 5 4 pril 2021 3280 | led rust initia 0 0 0 0 | ated. 15Ap 5 5 25 25 | ril2021 0 0 0 0 | 0 0 0 |

Asset #0094-152.329 R(Routine)



INTERSTATE 94 over SUNSET DR/NW MANDAN INT.

Location: 5 EAST OF ND 25

Inspection Date: 04/26/2023

| ELEMENTS | DESCRIPTION | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------|----------------|--------------|-------------|--------------|------|
| (1080-321) several small spalls and delaminated areas - 4/1/2019 | | | | | | | |
| There is a spall on the East approach slab that is approximately 1 foot by 27 feet in size. There is also a 1 foot by 1 foot spall on this slab. 22April2021 26April2023 - There is no change to this defect. | | | | | | | |
| • | There is a crack on the East approach slab that is appro- | vimatoly 5 f | foot in longth | and measu | urod 0 020 | in width | |
| 22April2021 | - There is little to no change to this defect. | | | | | in widen. | |
| 330 | Metal Bridge Railing | LF | 331 | 331 | 0 | 0 | 0 |
| 331 | Reinforced Concrete Bridge Railing | LF | 331 | 327 | 0 | 4 | 0 |
| 1080 | Delamination/Spall/Patched Area | LF | 4 | 0 | 0 | 4 | 0 |
| 1130 | Cracking (RC and Other) | LF | 40 | 40 | 0 | 0 | 0 |
| | rail has hairline cracks and small spalls. Traffic impact o | | | | | and loosed | |
| | using a large spall at one post location and a delaminated south barrier has a 4'x1' spall 50ft from east end 4/15/20 | | second locat | tion 4/1/2 | 019 | | |
| | - There is no change to this defect. | 521 | | | | | |
| (1130-331) | railing has numerous hairline cracks throughout - 4/1/20 | 19 | | | | | |
| | e barriers have approximately 20 cracks in each. That ra - The cracks have been sealed. | ange from a | approximatel | y 0.014 to (| 0.016 in wi | dth.22April2 | 2021 |
| 815 | Re Conc Backwall | LF | 95 | 84 | 10 | 1 | 0 |
| 1080 | Delamination/Spall/Patched Area | LF | 1 | 0 | 0 | 1 | 0 |
| 1130 | Cracking (RC and Other) | LF | 10 | 0 | 10 | 0 | 0 |
| (1080-815) | 26April2023 - There is a 1 foot by 6 inch spall on the Eas | st abutmen | t at the end | of beam 5. | | | |
| (1130-815) | 26April2023 - All the pedestals have cracks. | | | | | | |
| 8399 | Slope Protection, RC | EA | 2 | 0 | 1 | 1 | 0 |
| 4000 | Settlement | EA | 2 | 0 | 1 | 1 | 0 |
| (8399) both | slope protections show some movement due to settleme | ent 4/1/2 | 2019 | | | | |
| (4000-8399) | Both slope protections have settled causing minor move | ement 4/ | 1/2019 | | | | |
| The West slope protection has an area (approximately 3 panels) at the North end that has shifted and undermined. The East slope protection has shifted and has panels that have warped. 15April2021 26April2023 - There is no change to this defect. | | | | | | | |
| 8401 | Wings | EA | 4 | 2 | 1 | 1 | 0 |
| 1080 | Delamination/Spall/Patched Area | EA | 1 | 0 | 0 | 1 | 0 |
| 1130 | Cracking (RC and Other) | EA | 1 | 0 | 1 | 0 | 0 |
| (8401) All w | ings have minor cracking - 4/1/2019 | | | | | | |
| (1080-8401) 26April2023 - The Southwest wing has a spall on the end of the wing that is approximately 8 inches by 6 inches in size. | | | | | | | |

Asset #0094-152.329 R(Routine)



INTERSTATE 94 over SUNSET DR/NW MANDAN INT.

Location: 5 EAST OF ND 25

Inspection Date: 04/26/2023

| ELEMENTS | DESCRIPTION | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|-------------|-------------------------------------------------------------------------------------------------|-------------|---------------|--------------|------------|-------------|-------|
| (1130-8401) | All wings have minor cracking - 4/1/2019 | | | | | | |
| | vest wing has a crack that. Measured approximately 0.01 - There is no change to this defect. | 12 in width | n where the w | ving meets I | the abutme | ent. 15Apri | 12021 |



General Observation

04/19/2017 : NBI Remarks: Bolts in bearing bent. Pedestals all have been repaired. Slope protections at top has been repaired. Bearing pads rusted. Bottom plate on all beams pushed against backwall of east abutment. Hairline cracks on west abutment between two south beams and east abutment between north beams. Hairline cracks visible from under curb. Damaged beams show rust forming on painted repair areas.04/19/2017: 9/2016 Bridge was hit & straightened & repainted, slope protection is buckling in some areas. Pack rust on all bearings. Guradrail is intact but missing some blocks

04/01/2019: North concrete bridge rail has 4' long crack at a retrofit post that has delaminated. - 4/1/2019 Alert code 1 - 04/19/2017 Eastbound passing lane has a spall 2'x12, new overlay delaminated. - 4/1/2019

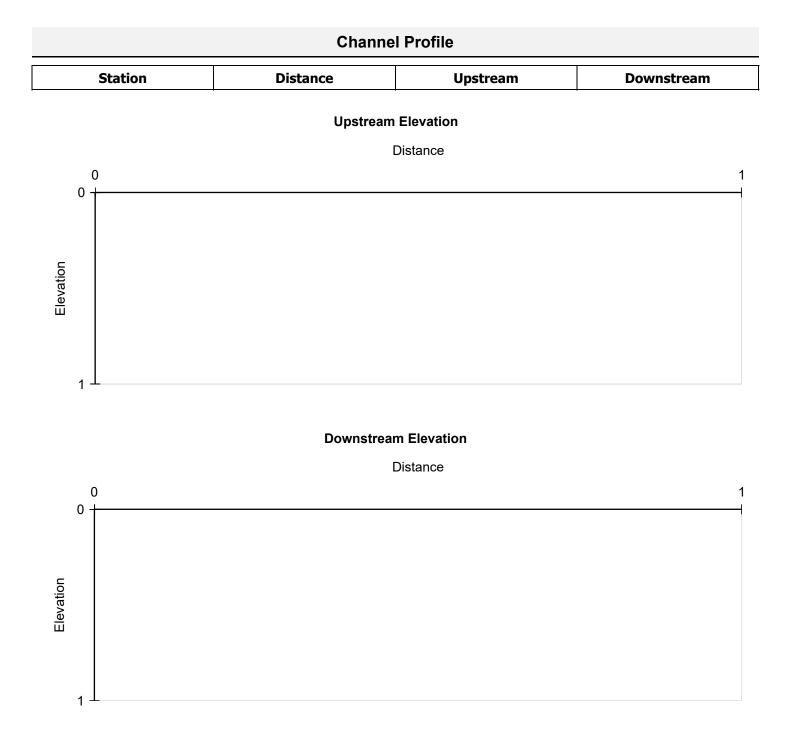
1September2022 - The structure was impacted by an over height vehicle in the Northbound lane. Beam 2 was bent out of plane at the lower flange. The upper flange remained in place and no deck concrete was broken. Beams 5, 4 and 3 were impacted with only minor damage to the lower flanges and to a diaphragm stiffener on Beam 4. The underside of the deck next to the top flange of Beam 5 is cracked and beginning to spall. Beam 5 was damaged on the bottom flange from an over height impact.

26April2023 - weather: 56 degrees F, cloudy/light rain, WSW 9. The piers are designated (from this date forward) from West to East and the beams are designated from North to South.

Significant Findings

Critical Finding





north Akota

Be Legendary





South curb spall 4'x1' span 3



Deck view looking west

Asset **#0094-152.329 R**(Routine) District: 61, County: 30 - Morton Inspection Date: 04/26/2023





Deck cracks span 3 drive lane

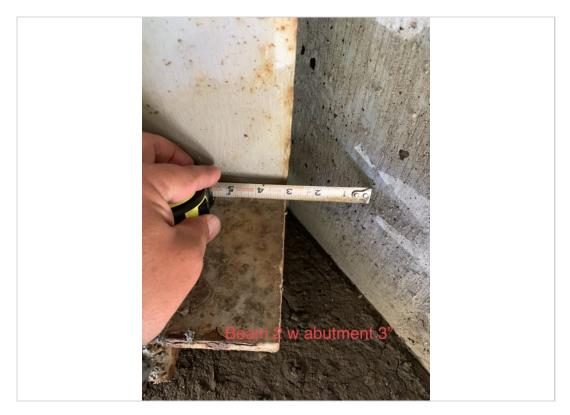


Beam 1 west abutment 3"





Beam 3 west abutment 3"



Beam 2 west abutment 2"





Beam 4 west abutment 2 3/4"



Beam 5 west abutment 2 7/8"

NORTH **akota**

Be Legendary





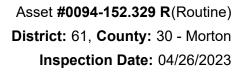
Pier 3 beam 1



Span 2 beam5 distortion

NORTH **akota**

Be Legendary





Span 2 beam 4 distortion



Span2 beam 2 distortion

NORTH **akota**

Be Legendary

Asset **#0094-152.329 R**(Routine) **District:** 61, **County:** 30 - Morton **Inspection Date:** 04/26/2023



Span2 lookingwest



Span2 lookingwest

NORTH

Be Legendary





West slope protection settlement



NW wing crack

NORTH

Be Legendary

Asset **#0094-152.329 R**(Routine) **District:** 61, **County:** 30 - Morton **Inspection Date:** 04/26/2023



Ped 1 west abutment crack



Ped 3 west abutment crack

NORTH

Be Legendary

Asset **#0094-152.329 R**(Routine) **District:** 61, **County:** 30 - Morton **Inspection Date:** 04/26/2023



Ped 2 west abutment

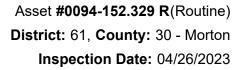


West abutment backwall crack .006

NORT

akota

Be Legendary





Ped 4 west abutment crack

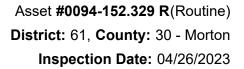


Ped 5 west abutment crack .008

akota | Transportation

NORTH

Be Legendary.





West abutment



SW wing spall



Asset **#0094-152.329 R**(Routine) **District:** 61, **County:** 30 - Morton **Inspection Date:** 04/26/2023



West half looking SW



East half looking south



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Span2 looking NW



Span 2 beam 5 paint peel





Pier 3 cap cracks



South side looking north

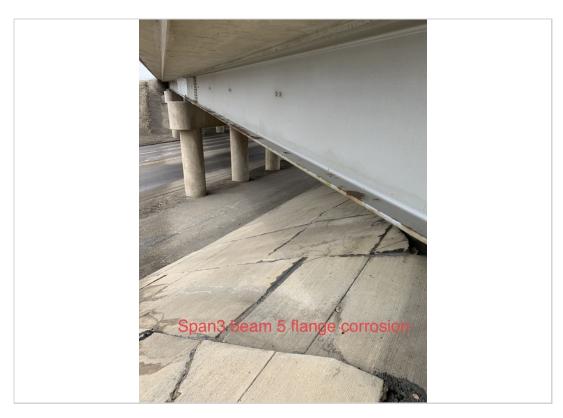




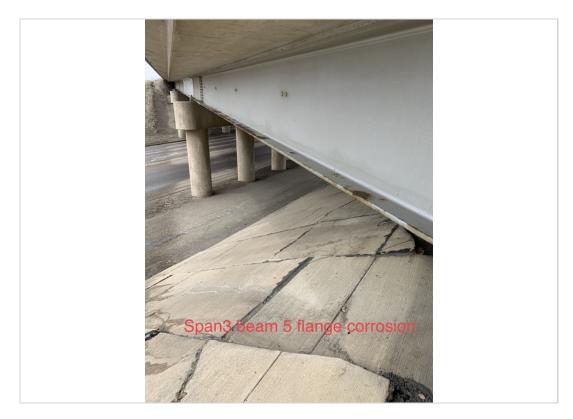
South end east slope protection broke and erosion







Span 3 beam 5 flange corrosion



Span 3 beam 5 flange corrosion



Asset **#0094-152.329 R**(Routine) District: 61, County: 30 - Morton Inspection Date: 04/26/2023

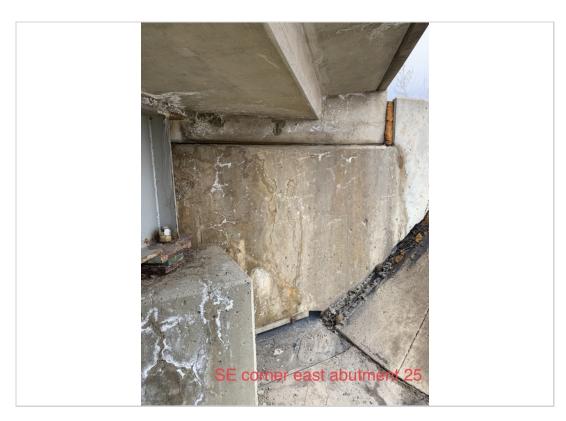


South side looking west



SE slope protection settlement





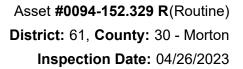
SE corner east abutment cracks efflorescence (25)



East abutment ped 5 bearing 5

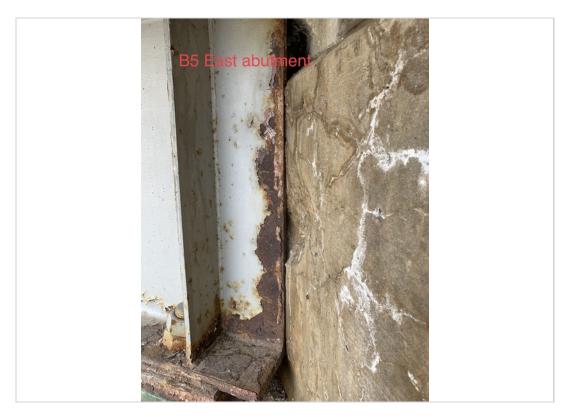
NORTH

DKOTO Be Legendary



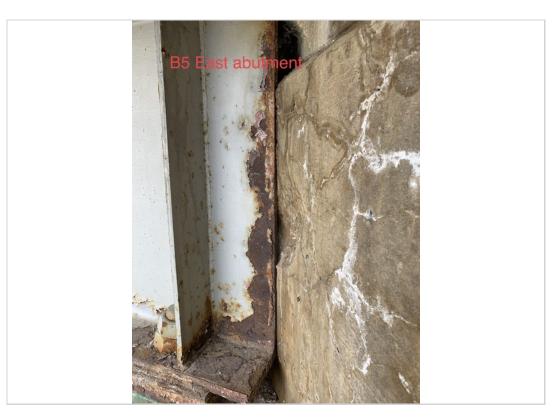


East abutment ped 5 bearing 5

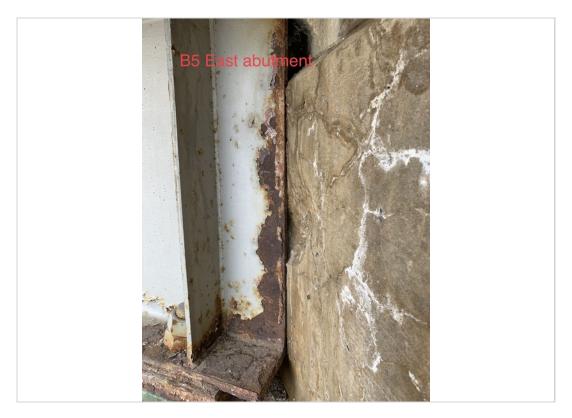


Beam 5 east abutment ,backwall spall, beam touching



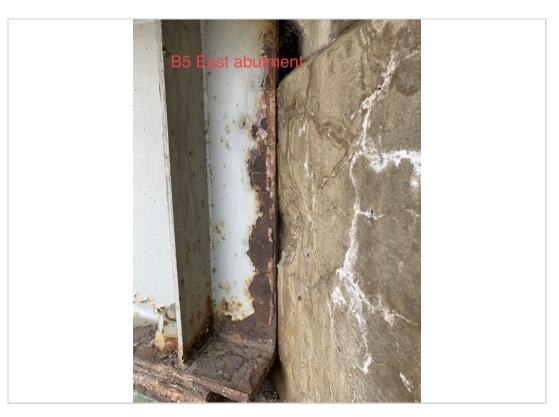


Beam 5 east abutment ,backwall spall, beam touching



Beam 5 east abutment ,backwall spall, beam touching





Beam 5 east abutment ,backwall spall, beam touching

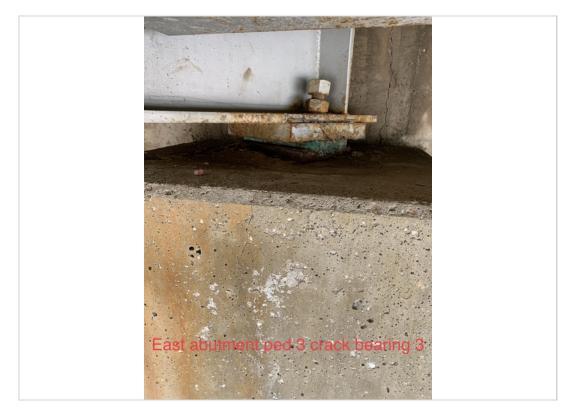


East abutment ped 4 bearing 4





East abutment beam 4 touching abutment

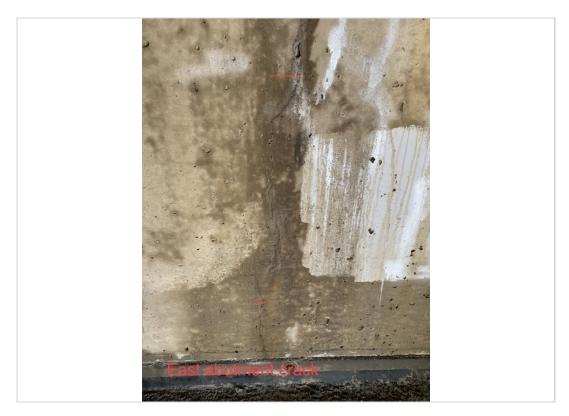


East abutment ped 3 bearing 3





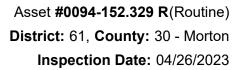
East abutment beam 3 touching



East abutment crack

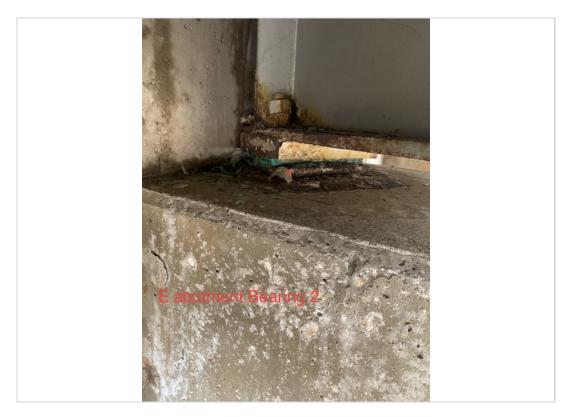
NOR

KOTO Be Legendary





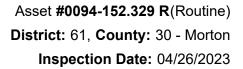
East abutment backwall crack .010



East abutment bearing 2

NOR

KOTC Be Legendary





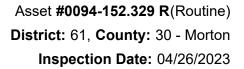
East abutment beam 2 touching abutment



East abutment ped 1 crack .008

NORTH

KOTC Be Legendary





NE corner slope protection settlement







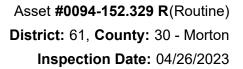
Span3 beam 1 bottom flange corrosion



East abutment bearing 1

NOR

Be Legendary





East abutment beam 1 touching abutment

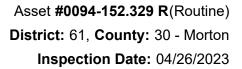


NE east corner east abutment cracks

NORTH

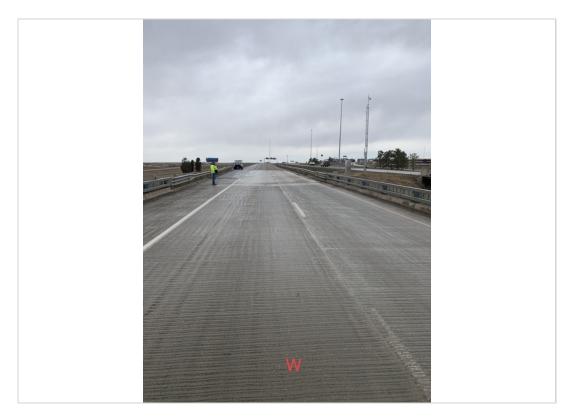
akota

Be Legendary





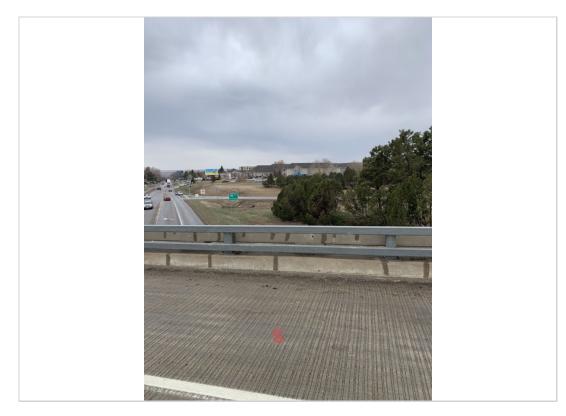
North side looking west



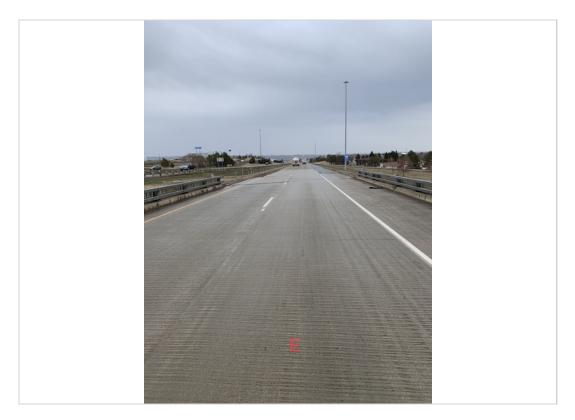
Looking west



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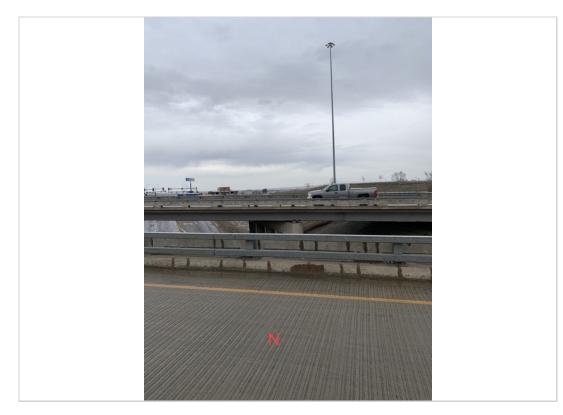
Looking south



Looking east



Asset **#0094-152.329 R**(Routine) District: 61, County: 30 - Morton Inspection Date: 04/26/2023



Looking north

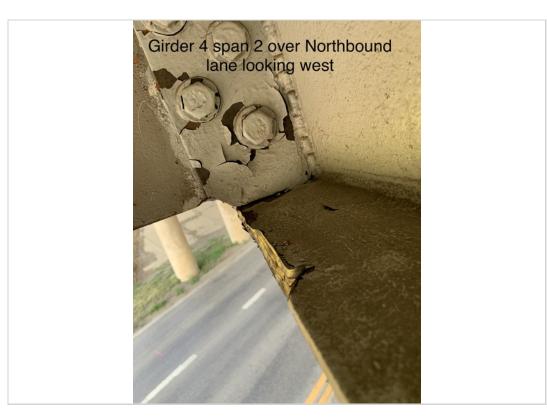




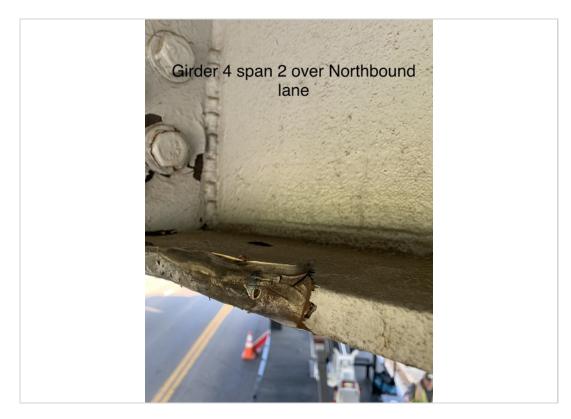
NORTH **akota**

Be Legendary.

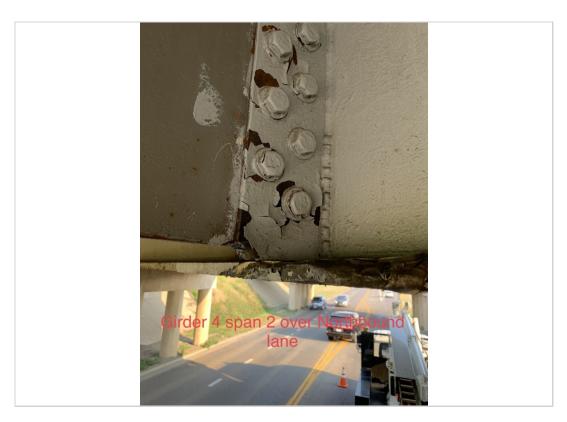




Damage





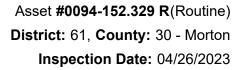


Damage



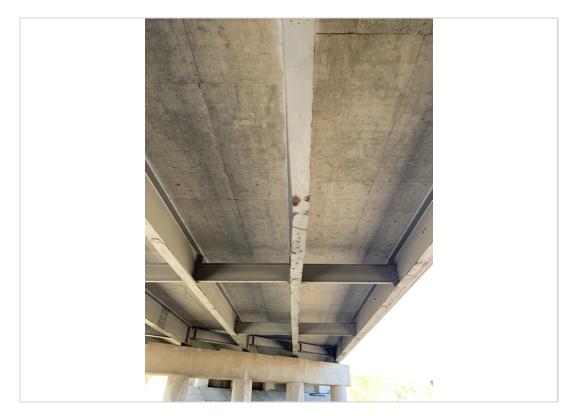
NORTH **akota**

Be Legendary.





Damage



| N O R T H Dakota Be Legendary. | Transportation | INTERSTATE 94 | Asset #0094-152.329 R(Routine) over SUNSET DR/NW MANDAN INT. Location: 5 EAST OF ND 25 |
|---------------------------------------------|----------------------------------|---------------|----------------------------------------------------------------------------------------------|
| | | | Inspection Date: 04/26/2023 |
| Maintenance Nee | ds | | |
| Date Reported: | 04/15/2021 | | |
| Priority: | Medium | Status: | Unknown |
| Type of Work: | Repair Concrete Slope Protection | Component: | Element |

Deficiency Description

The West slope protection has an area (approximately 3 panels) at the North end that has shifted and undermined. The East slope protection has shifted and has panels that have warped.

Remarks

Recommend filling any voids and repairing or resetting panels and sealing joints. 15April2021, 26April2023



South end east slope protection broke and erosion



SE slope protection settlement



NE corner slope protection settlement