ROUTINE (PERIODIC) BRIDGE INSPECTION REPORT

HANAMAULU RIVER (VIADUCT) BRIDGE BRIDGE NO. 007000510200281 KAUAI, HAWAII

DATE OF INSPECTION: JUNE 10, 2021



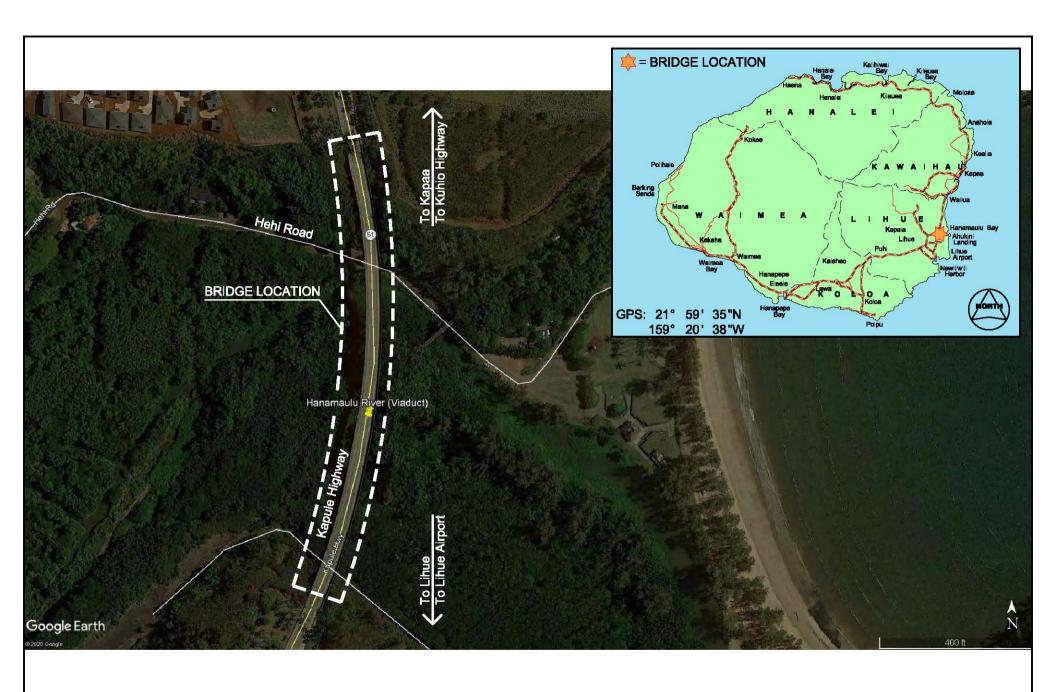
Prepared For:

State of Hawaii
Department of Transportation
Kauai District
Contract No. DOT-2020-024

Prepared By:

Team Leader: Robin Matsubayashi (Cert. Date: 01/17/2017)

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LOCATION AND VICINITY MAPS

Bridge Name: HANAMAULU RIVER (VIADUCT) BRIDGE

 Structure No. : 007000510200281
 Route No: 00051
 Mile Post: 2.810

 Date of Inspection: 6/10/2021
 Scale: AS NOTED

State of Hawaii
Department of Transportation
Highways Division,
Kauai District

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SECTION 1.0 – INSPECTION SUMMARY

1.1 BRIDGE DESCRIPTION

| Year Built | 1987 |
|-------------------------------------|---|
| Lanes on bridge | 2 |
| No. of Spans | 7 |
| Bridge Posting Sign(s) | None |
| Approach Slab Material and Location | Reinforced concrete at each approach |
| Deck Wearing Surface | Reinforced concrete |
| Culvert Material and Type | N/A |
| Deck Material and Type | Reinforced concrete |
| Superstructure Material and Type | Prestressed concrete multi-box girders |
| Substructure Material and Type | Reinforced concrete abutments |
| Bearing Type | Sliding bearings at abutments |
| Bridge Railing Material | Aluminum rails on concrete parapets |
| Bridge Railing Height | 4'-7", Aluminum rails = 1'-5" and Concrete parapets 3'-2" |

Span count starts from the Lihue end of the bridge.

Pier count starts from the Lihue end of the bridge.

Girder count for the bridge starts from the upstream side of the bridge.

1.2 PARKING, BRIDGE ACCESS, AND SAFETY HAZARDS

| Parking to perform bridge inspection | Upstream Lihue/Kapaa shoulders | | | |
|--------------------------------------|--|--|--|--|
| Access to underside of bridge | Upstream/Downstream Lihue/Kapaa from | | | |
| Access to underside of bridge | abutments) | | | |
| Equipment used to access | Snooper | | | |
| underside of bridge | Siloopei | | | |
| Traffic Controls | Provided by Traffic Safety Consultant (Snooper | | | |
| Tranic Controls | inspection) | | | |

1.3 OVERALL CONDITION

The bridge structure is generally in satisfactory to good condition. Periodic bridge inspections are recommended not to exceed 24-month intervals as specified in the NBIS.

| | NBI RATINGS |
|---|-------------|
| #36 Traffic Safety Features (Bridge Railings, Transitions, Approach Guardrail, Approach Guardrail Ends) | 1, 1, 1, 1 |
| #58 Deck | 6 |
| #59 Superstructure | 6 |
| #60 Substructure | 7 |
| #61 Channel & Channel Protection | 7 |
| #62 Culvert and Retaining Walls | N |
| #67 Structural Condition | 6 |
| #71 Waterway Adequacy | 9 |
| #113 Scour | 8 |

1.4 SCOUR CONDITION

No scour observed at the time of inspection.

SECTION 2.0 – LOAD RATING SUMMARY

Calculations for the load rating were performed by MKE Associates on June 29, 2020:

The load ratings for this bridge are as follows:

Inventory Rating: RF = 2.91

Operating Rating: RF = 3.77

Note: RF = Rating Factor

The bridge is currently not posted. Based on the inspector's visual observations at the time of inspection there appears to be no visual signs of overstress since the last inspection dated June 5, 2019 performed by Nagamine Okawa Engineers. Inc.

SECTION 3.0 - BrM ELEMENT AND SI&A REPORTS

BrM Element and SI&A Reports for this inspection cycle and are provided on the following pages.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION REPORT

 Inspection Date:
 June 10, 2021

 Bridge Number:
 007000510200281
 Bridge Name:
 HANAMAULU RIVER

 District
 Kauai
 Route No: 00051
 Milepost: 3
 Facility: KAPULE HWY

| NBI ITE | M 36 - TRAFFIC SAFETY FEATURES | List any maintenance work required: (ie: defects, missing bolts, collision damage, etc.) |
|---------|--------------------------------|--|
| 36A | Bridge Railings | (36A) Bridge parapets and railings are in satisfactory |
| 36B | Transitions | condition. |
| 36C | Approach Guardrail | (36B) Guardrail transitions are in satisfactory condition.(36C) Guardrails are in satisfactory condition. |
| 36D | Approach Guardrail Ends | (36D) There are no guardrail ends. Guardrails terminate into hillsides. |

| | ELEMENT INSPECTION | | | | | | | | | | |
|----------|----------------------------|------|----------|-------|--------|--------|--------|----------|--|--|--|
| ELEM NO. | ELEMENT / DEFECT | ENV. | TOTAL | LINUT | CS 1 | CS 2 | CS 3 | CS 4 | | | |
| DEFECT | DESCRIPTION | LIV. | QUANTITY | UNIT | (Good) | (Fair) | (Poor) | (Severe) | | | |
| 15 | Pre Concrete Top Flange | 1 | 49,665 | sq.ft | 48,963 | 670 | 32 | 0 | | | |
| 1080 | Delamination/Spall/Patched | | 220 | sq.ft | 0 | 220 | 0 | 0 | | | |
| 1090 | Exposed Rebar | | 32 | sq.ft | 0 | 0 | 32 | 0 | | | |
| 1110 | Cracking (PSC) | | 450 | sq.ft | 0 | 450 | 0 | 0 | | | |

Defect No. 1080:

- -5'x40' (CS2) patches in bridge deck along transverse compression joint between pier 2 and pier 3 near pier 2 (Photo 27).
- -2'-6"x2'-6" (CS2) and 3'x2'-6" (CS2) patches in bridge deck above span 3 near pier 2 (Photo 28).
- -(2) 4"x4" (CS2) patches in upstream lane of bridge deck above span 7 (Photo 36).

Defect No. 1090:

- -2"x4"x½" (CS3) spall with exposed rebar with section loss in upstream bicycle lane of bridge deck above Lihue end of span 1 (Photo 24).
- -2"x4"x¼" (CS3) spall with exposed rebar with section loss in upstream bicycle lane of bridge deck above Lihue end of span 1 (Photo 25).
- -(4) 2"x4"x¼" (CS3) spall with exposed rebar with section loss in upstream bicycle lane of bridge deck above Lihue end of span 1 (Photo 26).
- -2"x9"x½" (CS3) spall with exposed rebar with section loss in bridge deck above span 4 at pier 3 (Photo 30).
- -(2) 2"x9"x¼" (CS3) spalls with exposed rebar with section loss in bridge deck above span 5 near pier 4 (Photo 32).
- -2"x10"x¼" (CS3) spall with exposed rebar with section loss in upstream lane of bridge deck above span 7 (Photo 33).
- -7'-6"x1'-2"x¼" (CS3) and 2"x3"x¼" spalls with exposed rebar with section loss in upstream lane of bridge deck above span 7 (Photo 34).
- -3"x4"x¼" (CS3) spall with exposed rebar with section loss in upstream lane of bridge deck above span 7 (Photo 35).
- -4"x2"x¼" (CS3) spall with exposed rebar with section loss and (2) 4"x4" (CS2) patches in upstream lane of bridge deck above span 7 (Photo 36).
- -3"x5"x½" (CS3) spall with exposed rebar with section loss in downstream lane of bridge deck above span 7 (Photo 37).
- -2"x4"x1/8" (CS3) and (3) 2"x1'-2"x1/8" (CS3) spalls with exposed rebar with section loss in downstream lane of bridge deck above span 7 (Photo 38).
- -(2) 2"x6"x¼" (CS3) spalls with exposed rebar with section loss in downstream lane of bridge deck above span 7 (Photo 39).
- -2"x8"x½" (CS3) spall with exposed rebar with section loss in downstream lane of bridge deck above span 7 (Photo 40).

Defect No. 1110:

-Typical 0.030" wide (CS2) longitudinal and map cracks in bridge deck (Photo 29).

| 104 | Pre Clsd Box Girder | 1 | 4,560 | ft | 4,305 | 220 | 35 | 0 |
|------|----------------------------|---|-------|----|-------|-----|----|---|
| 1080 | Delamination/Spall/Patched | | 130 | ft | 0 | 95 | 35 | 0 |
| 1090 | Exposed Rebar | | 25 | ft | 20 | 5 | 0 | 0 |
| 1110 | Cracking (PSC) | | 120 | ft | 0 | 120 | 0 | 0 |

Defect No. 1080:

- -8'x4' patches (CS2) in soffit of box girders in span 1 (Photo 44).
- -4"x8"x1" (CS3) spall and 2'-3"x1'-2" (CS3) delamination (CS3) in downstream side of box girders in span 1 (Photo 45).
- -3'x8" (CS2) delamination/spall of cement plaster on downstream side of box girders in span 1 (typical in various spans and on upstream side of box girders) (Photo 47).
- -20'x1' patches (CS2) and 5"x4"x1" (CS2) spall along upstream edge of soffit of box girders near pier 3 in span 3 (Photo 51).
- -30'x1' patch (CS2) along upstream edge of soffit of box girders in span 4 (Photo 53).
- -2'x2', 3'x2', (2) 2'x1' patches (CS2) in soffit of box girders at joint near pier 5 in span 5. 6"x6"x1" spall (CS2) in cantilevered deck soffit near deck drain (Photo 55).
- -1'x1'x1" (CS3) spall and honeycombing in upstream edge of soffit of box girders in span 6 (Photo 59).

Defect No. 1090:

- -2"x6"x1" spall with exposed rebar (CS2) in soffit of box girders in span 1 (Photo 44).
- -1'-6"x10" (CS2) honeycombing with exposed rebar in upstream edge of soffit of box girders in span 6 (Photo 57).
- -1'-2"x8" (CS2) honeycombing with exposed rebar in upstream edge of soffit of box girders in span 6 (Photo 58).

Defect No. 1110:

- -0.006 to 0.009" wide (CS2) horizontal and vertical cracks in downstream side of box girders in span 1 (Typical in all spans) (Photo 46).
- -Active ground termites on soffit of box girders near at joint near pier 2 in span 3 (Photo 50).
- -2"x2"x½" and 5"x4"x½" spalls with exposed rebar in downstream cantilevered deck soffit above downstream Kapaa wingwall (Photo 61).

| 205 | Re Conc Column | 1 | 6 | each | 6 | 0 | 0 | 0 |
|------|-------------------------|---|---|------|---|---|---|---|
| 1130 | Cracking (RC and Other) | | 1 | each | 1 | 0 | 0 | 0 |

Defect No. 1130:

-0.004" wide (CS1) horizontal and vertical crack in Kapaa side of pier 1 (Photo 70).

-Graffiti on column at pier 5 (Photo 78).

| 215 | Re Conc Abutment | 1 | 86 | ft | 82 | 2 | 2 | 0 |
|------|----------------------------|---|----|----|----|---|---|---|
| 1080 | Delamination/Spall/Patched | | 2 | ft | 0 | 0 | 2 | 0 |
| 1130 | Cracking (RC and Other) | | 2 | ft | 0 | 2 | 0 | 0 |

Defect No. 1080:

-1'-4"x1'x6" (CS3) and 1'-3"x10"x3" (CS3) spalls in Lihue abutment on downstream side of 2nd bearing from upstream side of bridge (Photo 65).

Defect No. 1130:

-0.012" wide (CS2) vertical crack in Lihue abutment (Typical of 2) (Photo 66).

-Water stains on Lihue abutment (Photo 63).

| 227 | Re Conc Pile | | 1 | 64 | (EA) | 64 | 0 | 0 | 0 |
|------------|----------------------------|----|----------|------------------|----------|-----------------|--------------|-----------|---|
| Elem No. 2 | 27: Piles are below grade. | 64 | oiles at | Lihue (32 piles) | and Kapa | aa (32 piles) a | ibutments. N | lumber of | |

Elem No. 227: Piles are below grade. 64 piles at Lihue (32 piles) and Kapaa (32 piles) abutments. Number of piles under piers 2, 3, 4, and 5 are unknown due to insufficient as-builts. Spread footings under piers 1 and 6.

| | 301 | Pourable Joint Seal | 1 | 86 | ft | 86 | 0 | 0 | 0 |
|--|-----|---------------------|---|----|----|----|---|---|---|
|--|-----|---------------------|---|----|----|----|---|---|---|

Defect No. 2350:

- -Transverse compression joint between pier 2 and pier 3 near pier 2 impacted with dirt (CS2) (Photo 27).
- -Transverse compression joint between pier 4 and pier 5 near pier 5 impacted with dirt (CS2) (Photo 31).

| 302 | Compressn Joint Seal | 1 | 86 | ft | 0 | 86 | 0 | 0 |
|------|----------------------|---|----|----|---|----|---|---|
| 2350 | Debris Impaction | | 86 | ft | 0 | 86 | 0 | 0 |

Defect No. 2350:

- -Transverse compression joint between pier 2 and pier 3 near pier 2 impacted with dirt (Photo 27).
- -Transverse compression joint between pier 4 and pier 5 near pier 5 impacted with dirt (Photo 31).

| Tidilo Foloc | Trailer cled compression joint between pier is and pier a mean pier a impassed than and (i note a 1). | | | | | | | | |
|--------------|---|---|-------|-------|-------|---|---|---|--|
| 311 | Moveable Bearing | 1 | 8 | each | 8 | 0 | 0 | 0 | |
| -Photos 64 | -Photos 64 and 83. | | | | | | | | |
| 321 | Re Conc Approach Slab | 1 | 204 | sq.ft | 204 | 0 | 0 | 0 | |
| -Photos 22 | and 41. | | | | | | | | |
| 330 | Metal Bridge Railing | 1 | 2,329 | ft | 2,328 | 0 | 1 | 0 | |
| 1010 | Cracking | | 1 | ft | 0 | 0 | 1 | 0 | |
| 1020 | Connection | | 1 | ft | 1 | 0 | 0 | 0 | |

Defect No. 1010:

-Crack in weld at 1st railing post from Lihue end of bridge at upstream bridge railing (Photo 7).

Defect No. 1020:

-Nut not fully engaged at downstream bridge railing anchor plate at midspan above span 5 (Photo 15).

| 331 | Re Conc Bridge Railing | 1 | 2,329 | ft | 2,210 | 117 | 2 | 0 |
|------|-------------------------|---|-------|----|-------|-----|---|---|
| 1090 | Exposed Rebar | | 2 | ft | 0 | 0 | 2 | 0 |
| 1130 | Cracking (RC and Other) | | 117 | ft | 0 | 117 | 0 | 0 |

Defect No. 1090:

- -3"x1'-6"x4" (CS3) spall with exposed rebar in upstream bridge parapet at joint between pier 4 and pier 5 near pier 5 (Photo 9).
- -4"x4"x½" (CS3) spall with exposed rebar with section loss in downstream bridge parapet above Kapaa end of span 2 (Photo 14).

Defect No. 1130:

- -0.012" wide (CS2) vertical cracks continuing into top of upstream bridge parapet (Photo 8).
- -0.012" wide (CS2) vertical crack continuing into top of downstream bridge parapet (Photo 16).
- -4"x2'x4" spall in downstream side of downstream Kapaa end post (Photo 12).
- -6"x8" spall with exposed rebar and delamination in downstream Lihue end post (Photo 18).
- -9"x8"x1" spall in downstream Lihue end post (Photo 19).

| NBI IT | EM CONDITION RATINGS | Describe defects noted during bridge inspection. Provide sketches, diagrams, and photographs where possible. | |
|--------|--------------------------------|--|---|
| 58 | Deck | 6 | (58) |
| 59 | Superstructure | 6 | -2"x2"x¼" and 5"x4"x½" spalls with exposed rebar in |
| 60 | Substructure | 7 | downstream cantilevered deck soffit above downstream Kapaa wingwall (Photo 61). |
| 61 | Channel and Channel Protection | 7 | |
| 62 | Culvert | N | |
| 71 | Waterway Adequacy | 9 | |

| NBI ITEM 93 - CRITICAL FEATURE INSPECTION | | REQUIRED | FREQUENCY | CURRENT | NEXT |
|---|---------------------------|----------|-----------|---------|--------|
| 93A | Fracture Critical Details | N | | | 1/1/01 |
| 93B | Underwater Inspection | N | | | 1/1/01 |

| OTHER FEATURES | REMARKS | | | | |
|--|---|---|--|--|--|
| Posted Status (NBI Item 41) | A - Open, no restriction | | Governing EV Rating Factor = 9.46; no post | | |
| Posted Weight Limit | (Posted limit (Tons) or 'N' if not applicable) | N | for EV. | | |
| Signing for Posting Legible/Visible? (Provide 2 pictures of signs. 1 on each end of bridge) | (Y or N) | N | | | |
| Riding Surface (Roughness) Rating | (3 - smooth, 2 - Avg, 1 - Poor) | 2 | | | |

REPAIRS, IMPROVEMENTS AND RECOMMENDATIONS

List all work done to this bridge since last inspection (ie: structural repair work, cleaning, maintenance work, etc.)

a. Utility conduit has been repaired at downstream Kapaa wingwall.

List proposed and/or recommended work for this bridge including estimated cost (ie: structural repair work, cleaning, maintenance, etc.)

- a. Repair spalls in bridge deck (Est. Cost = \$20,000).
- b. Repair unsound patches, delaminations, and spalls in box girder (Est. Cost = \$50,000).
- c. Repair spall in Lihue abutment (Est. Cost = \$5,000).
- d. Clear debris from deck joints (Maintenance Item).
- e. Repair broken weld in aluminum railing post and fully engage anchor bolt nut in railing base plate (Maintenance Item).
- f. Remove graffiti from pier 5 column (Maintenance Item).
- g. Repair spalls and seal cracks in Lihue abutment (Est. Cost = \$3000).

Other comments or observations.

None.

| Inspector: | Signature: | Eric House | Phone: | 8085362626 | _ |
|--------------|------------|--------------------|------------------|-----------------|---|
| Inspector: | Signature: | Charles Tam | Phone: | 8085362626 | |
| Team Leader: | Signature: | Robin Matsubayashi | Phone: | 808-536-2626 | |
| | Office: | NOEI | Certification Da | ate: 01/17/2017 | |

| DID | Signature: | 18: · | 00 D-t | 08/09/2021 |
|-------------|-------------|----------------|------------|------------|
| BIP Leader: | orginataro. | Jeff Aguinaldo | QC Date: _ | |

Office: HDOT HWY-K

Attachments:

Structural Inventory & Appraisal (SI&A) Sheet

Photos

State of Hawaii

Department of Transportation

Structure Inventory and Appraisal Sheet (English Units)

Name: HANAMAULU RIVER Bridge No: 007000510200281 Inspection Date: 06/10/2021

| | | IDENTIE | CATION | | |
|---|-----------|--|---------------------------|-----------------------------|-------------------|
| Rte.(On/Under) | 5A: | Route On Structure | STAN IN | 1: 15 Hawaii | |
| Rte.(On/Under) | 5B: | 2 U.S. Numbered Hwy | State Facility Carried | 7: KAPULE HW | rV |
| Level of Service | 5C: | 1 Mainline | Place Code | 4: | |
| Route Number | 5D: | 00051 | | 2: 15 Kauai | |
| 900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | CONTRACTOR OF THE PARTY OF THE | SHD District | 6: HANAMAULI | I DIVED |
| Directional Suffix | 5E: | 0 N/A (NBI) Unknown (P) | Feature Intersected | Section 1997 | J KIVEK |
| Border Bridge Code | 98: | NA | County Code | 3: Kauai 9: .83 MI N OF. | AHIIKINI PD |
| Border Bridge Number | 99: | 2.810 mi | Location Latitude | 16: 21° 59' 35" | AHORININD |
| Mile Post Struc Num | 11: 8: | 007000510200281 | | 17: 159° 20' 38" | |
| Struc Num | 0: | Associate discount of the control of | 201191144 | 17. 100 20 00 | |
| | | INSPE | CTION | | |
| Inspection Date | 90: | 6/10/2021 Frequency | 91: 24 months N | ext Inspection: | 6/10/2023 |
| FC Inspection Date | 93A: | NA FC Frequency | 92A: N | ext FC Inspection: | Of Sacro N |
| UW Inspection Date | 93B: | NA UW Frequency | / <mark>92B: N</mark> | ext UW Inspection | : NA |
| | | CONE | DITION | | |
| Deck 58: 6 Satisfacto | ory S | Super 59: 6 Satisfactory | Sub 60 : 7 Good | SD/FO: | ND |
| Culvert 62: N N/A (NBI |) (| hannel/Channel Protection | 61: 7 Minor Dama | ge SUFF RAT | Γ Ε: 99.0 |
| | | LOAD RATING | AND POSTING | | |
| Inventory Rating Method | 65: | 8 LRFR (HL93) | Operating Rating Method | 63: 8 LRFF | R (HL93) |
| Inventory Rating | 66: | 2.91 | Operating Rating | 64: 3.77 | . () |
| Design Load | 31: | 5 MS 18 (HS 20) | Posting | | ove Legal Loads |
| Posting Status | 41: | A - Open, no restriction | rosting | 70: 5 AVAD | ove Legal Loads |
| r osting status | 41. | 57.34 | | | |
| | | | TRIC DATA | | |
| Length Max Span | 48: | 182.09 ft | Structure Length | 49: 1,154.8 | 6 ft |
| Width Curb to Curb | 51: | 40.03 ft | Curb/Sdwlk Width L | 50A: 0.00 ft | |
| Approach Roadway | - 24 | 40.03 ft | Curb/Sidewalk Width R | 50B: 0.00 ft | |
| width (w/ shoulders) | 32: | 40.03 ft | Width Out to Out | 52: 42.98 ft | |
| Deck Area: | | 49,632.39 sq. ft | Median | 33: 0 No me | |
| Skew | 34: | 10.00° | Structure Flared | 35: 0 No fla | |
| Vertical Clearance | 10: | 99.99 ft | Horizontal Clearance | 47: 40.03 ft | |
| Min. Vert. Cl. Over Bridge | 53: | 99.99 ft | Min. Lat. Undercl. Ref. R | 55A: N Featu | ire not hwy or RR |
| Min. Vert. Undercl. Ref. | 54A: | N Feature not hwy | Min. Lat. Undercl. R | 55: 0.00 ft | |
| Min. Vert. Undercl. | 54B: | 0.00 ft | Min. Lat. Undercl. L | 56: 0.00 ft | |
| | | AGE ANI | O SERVICE | | |
| Year Built | 27: | 1987 | ADT | 29 : 22,400 | |
| Type of Service on | 42A: | 1 Highway | Year Reconstructed | 106 : -1 | |
| Type of Service under | 42B: | 9 Relief for waterway | Detour Length | 19: 0.0 mi | |
| Lanes on | 28A: | 2 | Truck ADT | 109: 3% | |
| Lanes under | 28B: | 0 | Year of ADT | 30 : 2017 | |
| | | STRUCTURE TYP | E AND MATERIALS | | |
| Deck Type 10 | 7:1 Con | crete-Cast-in-Place | Number of Spans Main Ur | nit 45 : 7 | |
| Wearing Surface 108 | A: 1 Moi | nolithic Concrete | Main Span Material Desig | n 43A: 2 Co | ncrete Continuous |
| Membrane 108 | B: 0 Nor | ne | Main Span Material Desig | n 43B: 05 M | ultiple Box Beam |
| Deck protection 108 | c: None | | Number of Approach Spa | ns 46: 0 | |

Bridge No: 007000510200281

State of Hawaii

Department of Transportation

Structure Inventory and Appraisal Sheet (English Units)

| APPRAISAL | | | | | | | | |
|-----------------------|-----------------------------|-------------------------|------|-------------------------|--|--|--|--|
| Bridge Rail | 36A: 1 Meets Standards | Approach Rail | 36C: | 1 Meets Standards | | | | |
| Transition | 36B: 1 Meets Standards | Approach Rail Ends | 36D: | 1 Meets Standards | | | | |
| Str Evaluation | 67: 6 Equal Min Criteria | Deck Geometry | 68: | 5 Above Tolerable | | | | |
| Waterway Adequacy | 71: 9 Above Desirable | Approach Alignment | 72: | 8 Equal Desirable Crit | | | | |
| Scour Critical | 113: 8 Stable Above Footing | Vert. & Horiz. Undercl. | 69: | N Not applicable (NBI) | | | | |
| CLASSIFICATION | | | | | | | | |
| Defense Highway | 100: 0 Not a STRAHNET hwy | Parallel Structure | 101: | No bridge exists | | | | |
| Direction of Traffic | 102: 2 2-way traffic | Temporary Structure | 103: | Unknown (NBI) | | | | |
| Highway System | 104: 3 On free road | NBIS Length | 112: | Long Enough | | | | |
| Defense Hwy | 110: 1 On the NHS | Functional Class | 26: | 11 Urban Interstate | | | | |
| Toll Facility | 20: 0 Not a STRAHNET hwy | Historical Significance | 37: | 5 Not eligible for NRHP | | | | |
| Owner | 22: State Highway Agency | Custodian | 21: | State Highway Agency | | | | |
| | PROPOSEI | DIMPROVEMENTS | | | | | | |
| Bridge Cost | 94 : \$0 | Type of Work | 75: | 38 Other Structural | | | | |
| Roadway Cost | 95 : \$0 | Length of Improvement | 76: | 0.0 ft | | | | |
| Total Cost | 96 : \$0 | Future ADT | 114: | 21,480 | | | | |
| Year of Cost Estimate | 97: Unknown | Year of Future ADT | 115: | 2025 | | | | |
| NAVIGATION DATA | | | | | | | | |
| Navigation Control | 38: Permit Not Required | Horizontal Clearance | 40: | 0.0 ft | | | | |
| Vertical Clearance | 39: 0.0 ft | Lift Bridge Vert. CI. | 116: | | | | | |
| Pier Protection | 111: 1 Not Required | | 100 | | | | | |

Bridge No: 007000510200281