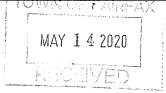
#### DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE & INVESTIGATIONS 1801 30th Street SACRAMENTO, CA 95816 PHONE (916) 227-8631 FAX (916) 227-8357





April 23, 2020

Mr. Mark Lockaby Public Works Manager Town of Fairfax 142 Bolinas Road Fairfax, CA 94930

Dear Mr. Lockaby:

In accordance with Title 23 of the Code of Federal Regulations (Federal Highway Act) and the National Bridge Inspection Standards (NBIS), Caltrans Structure Maintenance and Investigations performed an inspection of 1 bridge under your jurisdiction. The type of inspection is indicated on the bridge report transmittal sheet. The bridges have been rated to indicate their deficiencies, structural adequacy, safe load carrying capacity and overall general condition.

Enclosed are copies of the Bridge Inspection Reports for the structures noted on the attached transmittal sheet. These reports contain descriptions of physical changes to the structures since the last inspection, recommendations for work to be done, and additional information not recorded in the previous Bridge Reports.

Your attention is directed to the requirements of Title 23, Part 650 of the Code of Federal Regulations, where newly completed structures or any modification of existing structures shall be entered in the inventory within 90 days. Please notify this office of any newly constructed bridge or culvert within your jurisdiction, more than 20 feet measured along the center of the roadway and carrying public vehicular traffic or over a public roadway, in order that it may be entered in the inventory of bridge structures in compliance with Federal requirements.

Should you have any questions regarding the enclosed Bridge Inspection Report, please contact Andrew Corker @ (916) 227-9483.

Sincerely,

EROL C. KASLAN

Office Chief

Structure Maintenance & Investigations -

(Investigations-North)

**Enclosures** 

## DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE & INVESTIGATIONS 1801 30th Street SACRAMENTO, CA 95816 PHONE (916) 227-8631 FAX (916) 227-8357



# **Bridge Report Transmittal Sheet**

Batch <u>57052</u>

| Town of Fairfax           |                         | Inspe      | etion | Outsta | anding |    |
|---------------------------|-------------------------|------------|-------|--------|--------|----|
| Bridge # Bridge Name      | Location                | Date       | Type  | Work   | Cost   |    |
| 27C0008 SAN ANSELMO CREEK | 0.1 MI SE OF CASCADE DR | 10/22/2019 | Other | Y      |        | \$ |

1 Bridge(s) in this Transmittal

## DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE & INVESTIGATIONS 1801 30th Street SACRAMENTO, CA 95816 PHONE (916) 227-8631 FAX (916) 227-8357



### WEB SITES:

The National Bridge Inspection Standards (NBIS) Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges, Element Level Inspection, Structure Maintenance and Investigations Manuals, Local Assistance Program Guidelines and other related information are posted on Division of Maintenance, Structure Maintenance and Investigations; Division of Local Assistance, Local Highway Bridge Program (HBP) and FHWA websites.

The websites can be accessed at:

- 1. "Caltrans Structure Maintenance and Investigations" http://www.dot.ca.gov/hq/structur/strmaint/
- 2. "Caltrans Division of Local Assistance"

http/www.dot.ca.gov/hq/LocalPrograms/hbrr99/hbrr99a.htm

3. "FHWA" http/www.fhwa.dot.gov/BRIDGE/mtguide.pdf

## **Inspection Type Definitions**

## **Routine Inspection:**

Routine Inspections consist of both the initial Inventory Inspection (the first inspection of the bridge that places it in the bridge inventory or when there has been a change in the configuration of the structure) and subsequent regularly scheduled inspections. The initial inspection provides all the Structural Inventory & Appraisal (SI&A) data required by federal and state regulations, determines the baseline structural conditions, lists any existing problems, and establishes the load capacity of the structure. Subsequent inspections consist of observations, measurements needed to determine the physical and functional condition of the bridge, to identify any changes from the previously recorded conditions, and verification of its load capacity. These inspections are generally conducted from the deck, ground and/or water level, and from permanent work platforms and walkways, if present. Inspection of underwater portions of the substructure is limited to observations during low-flow periods and/or probing for signs of undermining. Special equipment should be utilized in circumstances where its use provides the only practical access to areas of the structure.

## Fracture Critical, Special Feature & Underwater Inspections:

Fracture Critical, Special Feature, and Underwater Inspections are up close, hands-on inspections of one or more members above or below the water level to identify any deficiencies not readily detectable using Routine Inspection procedures. These inspections generally require special equipment such as under-bridge inspection equipment, manlifts, boats, traffic control, and railroad flagging. Personnel with special skills such as divers or structural steel inspectors trained in non-destructive testing techniques may be required.

## Other Inspections:

Other Inspections are conducted on damaged structures, structures that have developed specific problems, or structures suspected of developing problems. The scope of these investigations should be sufficient to determine the need for emergency load restrictions or closure of the structure, monitor a changing condition, and to assess the level of effort necessary to effect a repair.

Page 1 of 6



#### DEPARTMENT OF TRANSPORTATION

Structure Maintenance & Investigations

Bridge Number : 27C0008

Facility Carried: MEADOW WAY
Location : 0.1 MI SE OF CASCADE DR

City : FAIRFAX

Inspection Date: 10/22/2019

Inspection Type

Bridge Inspection Report

Routine FC Underwater Special Other

X:0ther

STRUCTURE NAME: SAN ANSELMO CREEK

CONSTRUCTION INFORMATION

Year Built : 1950 Skew (degrees): 0 Year Modified: N/A No. of Joints : 0 Length (m) : 21.3 No. of Hinges : 0

Structure Description: Six-span simply supported structure with timber girders (12) in

Spans 1 through 4, and (4) steel girders in Spans 5 - 6, supported by timber columns (3) with timber bent caps and RC seat abutments without monolithic wingwalls. Founded on timber piles. Spans 1 and 6 are short cantilevered end spans; Spans 2 through 5 are simply

supported.

Span Configuration :1 @ 3.5 ft, 1 @ 11 ft, 2 @ 14 ft, 1 @ 23 ft, 1 @ 2 ft

#### SAFE LOAD CAPACITY AND RATINGS

Design Live Load: UNKNOWN

Inventory Rating: RF=0.41 =>13.3 metric tons Calculation Method: ALLOWABLE STRESS Operating Rating: RF=0.57 =>18.5 metric tons Calculation Method: ALLOWABLE STRESS

Permit Rating : XXXXX

Posting Load : Type 3: 18 U.S. Tons Type 3S2: 28 U.S. Tons Type 3-3: 35 U.S. Tons

#### DESCRIPTION ON STRUCTURE

Deck X-Section: 0.68 ft br, 10.1 ft, 0.5 ft wg, 2.5 ft sw, 0.62 ft br

Total Width: 4.3 m Net Width: 3.0 m No. of Lanes: 1 Speed: 5 mph
Min. Vertical Clearance: Unimpaired Overlay Thickness: 1.0 inches

Rail Code: 0000

## DESCRIPTION UNDER STRUCTURE

Channel Description: Deep trapezoidal channel with steep slopes moderately vegetated with brush and trees. The channel bottom material consists of gravel and cobbles 1 inch to 6 inches (nominal). The slope between Pier 4 and Abutment 5 is protected with a concrete retention wall. The structure is on a leftward bend of the

waterway.

#### NOTICE

The bridge inspection condition assessment used for this inspection is based on the American Association of State Highway and Transportation Officials (AASHTO) Bridge Element Inspection Manual 2013 as defined in Moving Ahead for Progress in the 21st Century (MAP-21) federal law. The new element inspection methodology may result in changes to related condition and appraisal ratings on the bridge without significant physical changes at the bridge.

The element condition information contained in this report represents the current condition of the bridge based on the most recent routine and special inspections. Some of the notes presented below may be from an inspection that occurred prior to the date noted in this report. Refer to the Scope and Access section of this inspection report for a description of which portions of the bridge were inspected on this date.

### INSPECTION COMMENTARY

SCOPE AND ACCESS

An in-depth field investigation of the timber deck soffit and timber girder elements was performed on 10/11/2019 and 10/22/2019. Access to areas were via rope access

Printed on: Thursday 04/16/2020 05:40 AM 27C0008/AAAP/57052

#### INSPECTION COMMENTARY

techniques. Performing the inspection were Area Bridge Maintenance Engineers Mark Efe, Rachel Donovan, Roman Granados, and Edward Thometz. Use of an awl secured to a telescoping pole was utilized to investigate the integrity of the timber elements. See Photos 1 and 2.

NOTE: The conditions and descriptions of the elements not inspected, have been carried over from the previous inspection.

#### SAFE LOAD CAPACITY

A Load Rating Summary Sheet dated 07/02/2013 is on file for this structure. While this report does not include a check of that analysis, it does verify that the structural conditions observed during this inspection are consistent with those assumed in that analysis. The current rating is based on VIRTIS 6.3.1 calculations dated 6/21/2012.

Load capacity calculations dated 6/21/2012 indicate the safe load-carrying capacity of this structure to be:

- 18 TONS PER VEHICLE
- 28 TONS PER SEMI-TRAILER COMBINATION
- 35 TONS PER TRUCK AND FULL TRAILER

The capacity is controlled by the Span 3 and 4 interior timber girders in bending. This was calculated using an allowable bending stress of 1600 psi (Operating) and no overlay. No permit loads are allowed.

The deck is in poor condition, and a request for the Load Ratings Branch to review the safe load capacity was made under Work Request number 8656.

#### OPERATIONAL SIGNS

There are load posting signs at both approaches that indicate the following posting:

#### WEIGHT LIMIT

- 18 TONS PER VEHICLE
- 28 TONS PER SEMI-TRAILER COMBINATION
- 35 TONS PER TRUCK AND FULL TRAILER
- BRIDGE 5 MPH

#### EXISTING POSTING

This structure is posted by written Order Establishing Load Limits, issued by the California Director of Transportation, dated February 15, 2017, for the following load limits:

- 18 TONS PER VEHICLE
- 28 TONS PER SEMI-TRAILER COMBINATION
- 35 TONS PER TRUCK AND FULL TRAILER

#### RECOMMENDED POSTING

Retain the existing posting.

| Elem Defect De  | fect Element Description   | Env   | Total<br>Qty   | Units  |  | each Con<br>St. 2  | ndition<br>St. 3   |                                   |
|---|--|---|--|--|--|--|--|-----------------------------------|
| 31  | Deck-Timber  | 2   | 92   | sq.m   | 53   | 30   | 9  | 0                                 |
| 1140  | Decay/Section Loss (Timber)  | 2   | 9  |  | 0  | 0  | 9  | 0                                 |
| 1150  | Check/Shake (Timber)   | 2   | 30   |  | 0  | 30   | 0  | 0                                 |
| 513   | Deck Wearing Surface-Timber  | 2   | 30   | sq.m   | 0  | 30   | 0  | 0                                 |
| 11  | 140 Decay/Section Loss (Timber)  | 2   | 30   |  | 0  | 30   | 0  | 0                                 |
| Previous routin<br>Some areas of t  | Depth Inspection: The timber deck so<br>e inspection:<br>he timber decking that have sustaine<br>the 09/07/2018 bridge inspection re   | ed section  |  |  |  |  | h putty  | . Refe                            |
| and 1 to 1.5 fe<br>2-4 from the 09<br>(31-1150)<br>The timber deck  | ges of the timber decking exhibit se<br>et in width are affected. Approximat<br>/07/2018 bridge inspection report.   | ely 10% c   | of the   | deck is  | affec  | ges over   | er to E  | hotos                             |
| inspection, thi<br>(31-513-1140)  | l deck area. Based upon a comparison s condition has not changed.  |   |  |  |  |  |  | sion on                           |
| inspection, thi (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not   | s condition has not changed.  ing planks typically exhibit 0.25 to  Additionally, approximately 30% of Based upon field comparison with ed over the previous inspection inte   | o 0.5 inch<br>of the pla<br>the archi   | nes of<br>nks ex<br>ved re   | section  | n loss<br>longitu<br>notogra                         | from tir<br>dinal ch<br>phs, no  | e abras<br>ecking<br>signifi   | up to<br>cant                     |
| inspection, thi (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not   | s condition has not changed.  ding planks typically exhibit 0.25 to  Additionally, approximately 30% of  Based upon field comparison with  ed over the previous inspection inte  Girder/Beam-Steel   | 0 0.5 inch<br>of the pla<br>the archi<br>erval.   | nes of<br>inks ex<br>ved re  | section  | n loss<br>longitu<br>notogra                         | from tir<br>dinal ch<br>phs, no  | e abras<br>ecking<br>signifi<br>0  | up to<br>cant                     |
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| inspection, thi  (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not  107  1000  (107-1000) All steel girde   | s condition has not changed.  ding planks typically exhibit 0.25 to  Additionally, approximately 30% of  Based upon field comparison with  ed over the previous inspection inte  Girder/Beam-Steel   | o 0.5 inch of the pla the archi erval. 2 2  | nes of<br>nks ex<br>ved re<br>29<br>29   | section hibit port pl  | n loss longitum notogra  0 0                         | from tir dinal ch phs, no  29  29  29  on loss.                          | e abras<br>ecking<br>signifi<br>0<br>0   | up to cant  0 0 1 on a            |
| inspection, thi  (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not  107  1000  (107-1000) All steel girde comparison with noted.  | s condition has not changed.  Ling planks typically exhibit 0.25 to  Additionally, approximately 30% of  Based upon field comparison with ed over the previous inspection inte  Girder/Beam-Steel  Corrosion  Ers exhibit widespread surface corrosi  Photo 4 from the 09/22/2010 routine  | o 0.5 inch of the pla the archi erval.  2 2 sion with e inspecti  | nes of<br>inks ex<br>ved re<br>29<br>29<br>29<br>no mea  | section hibit port pl m surable                                      | n loss longitum notogra  0 0 consideration           | from tir dinal ch phs, no  29  29  on loss. ficant c                     | e abras<br>ecking<br>signifi<br>0<br>0<br>Basec  | up to<br>cant<br>0<br>0           |
| inspection, thi  (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not  107  1000  (107-1000) All steel girde comparison with noted.  111  (111) 10/22/2019: In-  | s condition has not changed.  ing planks typically exhibit 0.25 to Additionally, approximately 30% of Based upon field comparison with ed over the previous inspection inte Girder/Beam-Steel Corrosion  ers exhibit widespread surface corros Photo 4 from the 09/22/2010 routine Girder/Beam-Timber  Depth Inspection: The timber girders  | o 0.5 inch of the pla the archi erval.  2 2 sion with e inspecti  | nes of<br>nnks ex<br>ved re<br>29<br>29<br>no mea<br>on rep  | section<br>hibit<br>port pl<br>m<br>surable<br>ort, ne               | n loss longitu notogra  0 0 section signi            | from tir dinal ch phs, no  29  29  on loss. ficant c                     | e abras<br>ecking<br>signifi<br>0<br>0<br>Basec  | up to cant  0 0 al on a are       |
| inspection, thi  (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not  107  1000  (107-1000) All steel girde comparison with noted.  111  (111) 10/22/2019: In-  | s condition has not changed.  ing planks typically exhibit 0.25 to Additionally, approximately 30% of Based upon field comparison with ed over the previous inspection inte Girder/Beam-Steel Corrosion  ers exhibit widespread surface corrosi Photo 4 from the 09/22/2010 routine Girder/Beam-Timber  Depth Inspection: The timber girders  the inspection:                                  | o 0.5 inch of the pla the archi erval.  2 2 sion with e inspecti  | nes of<br>nnks ex<br>ved re<br>29<br>29<br>no mea<br>on rep  | section<br>hibit<br>port pl<br>m<br>surable<br>ort, ne               | n loss longitu notogra  0 0 section signi            | from tir dinal ch phs, no  29  29  on loss. ficant c                     | e abras<br>ecking<br>signifi<br>0<br>0<br>Basec  | up to cant  0 0 al on a are       |
| inspection, thi  (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not  107  1000  (107-1000) All steel girde comparison with noted.  111  (111) 10/22/2019: In- Previous routin There were no s  | s condition has not changed.  Ling planks typically exhibit 0.25 to  Additionally, approximately 30% of  Based upon field comparison with ed over the previous inspection inte  Girder/Beam-Steel  Corrosion  Ers exhibit widespread surface corrosi  Photo 4 from the 09/22/2010 routine  Girder/Beam-Timber  Depth Inspection: The timber girders  in inspection: significant defects noted. | o 0.5 inch of the pla the archi erval.  2 2 Sion with e inspecti 2 S have no                                  | nes of<br>nnks ex<br>ved re<br>29<br>29<br>no mea<br>on rep<br>190   | section hibit port pl  m  surable ort, ne  m                         | n loss longitu notogra  0 0 sesecti signi 190 decay. | from tir dinal ch phs, no  29  29  on loss. ficant c                     | e abras ecking signifi  0 0  Basec hanges  | up to cant  0 0 d on a are        |
| inspection, thi  (31-513-1140) The timber runn the top surface 0.5 inches wide changes are not  107  1000  (107-1000) All steel girde comparison with noted.  111  (111) 10/22/2019: In- Previous routin There were no s  206  1170  (206-1170) There are split inches deep arc | s condition has not changed.  Ling planks typically exhibit 0.25 to a conditionally, approximately 30% of Based upon field comparison with ed over the previous inspection interest Girder/Beam-Steel  Corrosion  Circler/Beam-Timber  Circler/Beam-Timber  Depth Inspection: The timber girders are inspection:  Girder-Timber  Column-Timber   | o 0.5 inch of the pla the archi erval.  2  sion with e inspecti  2  s have no  2  2  2  of Pier 3  anding has | nes of make expended and response to the second report of the second rep | section hibit port pl  m  surable ort, ne  icant  each  plits instal | n loss longitum  0 0 e section signi  190 decay.     | from tir dinal ch phs, no  29  29  on loss. ficant co  0  0  0  ut 2 fee | e abrasecting signification of the second of | up to cant  0 0 1 on a are  0 0 0 |

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## ELEMENT INSPECTION RATINGS AND COMMENTARY

|     |       | prement   | peacrificion | Env | IUCAI | OUICE OC | y in | eacn | Condit | ion | Sta | .ce |
|-----|-------|-----------|--------------|-----|-------|----------|------|------|--------|-----|-----|-----|
| No. | /Prot |           |              |     | Qty   | st       | . 1  | st.  | 2 St.  | 3   | St. | 4   |
|     |       |           |              |     |       |          |      |      |        |     |     |     |
| 228 | Pi    | le-Timber |              | 2   | 1     | 63       | 1    | 0    | Λ      |     | r   | n 1 |

(228)

Elem Defect Defect

The pile element is included to indicate the presence of piles on this structure. The piles were not exposed for visual inspection. No indication of pile distress was noted in any substructure element.

| 235  | Pier Cap-Timber             | 2 | 27 | m | 5 | 18 | 4 | 0 |
|------|-----------------------------|---|----|---|---|----|---|---|
| 1140 | Decay/Section Loss (Timber) | 2 | 4  |   | 0 | 0  | 4 | 0 |
| 1150 | Check/Shake (Timber)        | 2 | 18 |   | 0 | 18 | 0 | 0 |

(235-1140)

Bent Cap 5 exhibits a vertical split along its full length and has crushed approximately 1 inch vertically over Column 1. The interior of the cap exhibits decay (primarily along the vertical split) which affects approximately 50% of the cross section of the cap.

An auxiliary timber bent has been constructed adjacent to Bent 5 with columns and bent cap longitudinally connected to the original bent. This auxiliary bent was constructed of built-up timber members and utilizes light-weight connection hardware typically used for wood frame building construction. This repair is considered a "temporary repair" and thus does not upgrade the condition state for the bent cap. Based upon a comparison to Photo 3 from the 09/28/2016 routine inspection report, this condition has not changed.

(235-1150)

Bent Caps 2, 3 and 4 each exhibit full-length checks

Bent Cap 4 has a full-length horizontal check up to 0.25 inches wide and with up to 2 inches of penetration. Based upon a comparison with Photo 6 from the 09/22/2010 routine inspection report, no significant changes are noted since it was initially reported on 8/10/1999.

There is a vertical split in Bent Cap 2, which extends from the left end to half length of the bent cap. Based on a comparison to Photo 7 from the 09/22/2010 report, this condition has not changed.

| 256  | Slope Protection | 2 | 1 | ea. | 0 | 0 | 1 | 0 |
|------|------------------|---|---|-----|---|---|---|---|
| 6000 | Scour            | 2 | 1 |     | 0 | 0 | 1 | 0 |

(256-6000)

The Abutment 5 concrete slope protection is undermined approximately 12 linear feet, up to 1.5 feet vertically with up to 3.5 feet of penetration. Based upon a comparison to Photo 6 from the 09/28/2016 routine inspection report, this condition has not changed.

| 332 | Railing-Timber | 2 | 42 | m | 42 | 0 | 0 | 0 |
|-----|----------------|---|----|---|----|---|---|---|
|     |                |   |    |   |    |   |   |   |

(332)

There were no significant defects noted.

## WORK RECOMMENDATIONS

RecDate: 09/07/2018 EstCost: Replace the timber deck.

Action : Deck-Replace StrTarget: 2 YEARS

Work By: LOCAL AGENCY DistTarget:

Status : PROPOSED EA:

RecDate: 09/07/2018 EstCost: Remove the BRIDGE 5 MPH signs at the

Action: Bridge-Misc StrTarget: 1 YEAR approaches.

Work By: LOCAL AGENCY DistTarget:

Status: PROPOSED EA:

## WORK RECOMMENDATIONS

RecDate: 07/16/2015

EstCost:

Replace timber bent cap at Pier 5 and

PROFESSIONA

Edward

Thometz

No. <u>81343</u> 09/30/2021

CIVIL

Column 3 of Pier 3.

Action : Sub-Misc. StrTarget: 6 MONTHS

Work By: LOCAL AGENCY

DistTarget:

Status : PROPOSED

EA:

Team Leader : Edward Thometz

Report Author :

Edward Thometz

Inspected By :

E.Thometz/MJ.Efe

4/16/2020

Edward Thometz (Registered Civil Engineer)

Printed on: Thursday 04/16/2020 05:40 AM

(Date)

27C0008/AAAP/57052

# STRUCTURE INVENTORY AND APPRAISAL REPORT

| (7)   | **************************************   |       | **************************************                  |
|-------|--|-------|---|
|       | STATE NAME- CALIFORNIA 069   |       | PAINT CONDITION INDEX = N/A                             |
|       | STRUCTURE NUMBER 27C0008   |       |   |
|       | INVENTORY ROUTE (ON/UNDER) - ON 150000000  |       |   |
|       | HIGHWAY AGENCY DISTRICT 04   |       |   |
|       | COUNTY CODE 041 (4) PLACE CODE 23168   |       | ******** CLASSIFICATION ********* CODE                  |
| (6)   | FEATURE INTERSECTED- SAN ANSELMO CREEK   |       | NBIS BRIDGE LENGTH- YES Y                               |
| (7)   | FACILITY CARRIED- MEADOW WAY   |       | HIGHWAY SYSTEM- NOT ON NHS                              |
| (9)   | LOCATION- 0.1 MI SE OF CASCADE DR  |       | FUNCTIONAL CLASS- LOCAL URBAN 19                        |
| (11)  | MILEPOINT/KILOMETERPOINT 0   |       | DEFENSE HIGHWAY- NOT STRAHNET 0                         |
| (12)  | BASE HIGHWAY NETWORK- NOT ON NET 0   | (101) | PARALLEL STRUCTURE- NONE EXISTS N                       |
| (13)  | LRS INVENTORY ROUTE & SUBROUTE   | (102) | DIRECTION OF TRAFFIC- 1 LANE, 2 WAY 3                   |
| (16)  | LATITUDE 37 DEG 58 MIN 33.58 SEC   | (103) | TEMPORARY STRUCTURE-                                    |
| (17)  | LONGITUDE 122 DEG 36 MIN 00.49 SEC   | (105) | FED.LANDS HWY- NOT APPLICABLE 0                         |
| (98)  | BORDER BRIDGE STATE CODE % SHARE %   | (110) | DESIGNATED NATIONAL NETWORK - NOT ON NET 0              |
| (99)  | BORDER BRIDGE STRUCTURE NUMBER   | (20)  | TOLL- ON FREE ROAD 3                                    |
|       |  | (21)  | MAINTAIN- CITY OR MUNICIPAL HIGHWAY AGENCY 04           |
|       | ******* STRUCTURE TYPE AND MATERIAL *******  | (22)  | OWNER- CITY OR MUNICIPAL HIGHWAY AGENCY 04              |
| (43)  | STRUCTURE TYPE MAIN:MATERIAL- STEEL TYPE- STRINGER/MULTI-BEAM OR GDR CODE 302      | (37)  | HISTORICAL SIGNIFICANCE- NOT ELIGIBLE 5                 |
| (44)  | STRUCTURE TYPE APPR:MATERIAL- WOOD OR TIMBER                                       |       | ********** CONDITION ********** CODE                    |
|       | TYPE- STRINGER/MULTI-BEAM OR GDR CODE 702  | (58)  | DECK 4  |
| (45)  | NUMBER OF SPANS IN MAIN UNIT 2   | (59)  | SUPERSTRUCTURE 7  |
| (46)  | NUMBER OF APPROACH SPANS 4   | (60)  | SUBSTRUCTURE 5  |
| (107) | DECK STRUCTURE TYPE- TIMBER CODE 8   | (61)  | CHANNEL & CHANNEL PROTECTION 4                          |
|       | WEARING SURFACE / PROTECTIVE SYSTEM:   | (62)  | CULVERTS  |
|       | TYPE OF WEARING SURFACE- TIMBER CODE 7   |       | ****** LOAD RATING AND POSTING ****** CODE              |
| -     | TYPE OF MEMBRANE- NONE CODE 0  |       |   |
| _     | TYPE OF DECK PROTECTION- NONE CODE 0   |       | DESIGN LOAD- UNKNOWN 0                                  |
|       | ******* AGE AND SERVICE *********  |       | OPERATING RATING METHOD- ALLOWABLE STRESS 2             |
| (27)  | YEAR BUILT 1950  |       | OPERATING RATING- 18.5                                  |
|       | YEAR RECONSTRUCTED 0000  |       | INVENTORY RATING METHOD- ALLOWABLE STRESS 2             |
|       | TYPE OF SERVICE: ON- HIGHWAY 1   |       | INVENTORY RATING- 13.3                                  |
| (/    | UNDER- WATERWAY 5  |       | BRIDGE POSTING- 30.0 - 39.9% BELOW 1                    |
| (28)  | LANES:ON STRUCTURE 01 UNDER STRUCTURE 00   | (41)  | STRUCTURE OPEN, POSTED OR CLOSED-                       |
| (29)  | AVERAGE DAILY TRAFFIC 55   |       | DESCRIPTION- POSTED FOR LOAD                            |
| (30)  | YEAR OF ADT 1981 (109) TRUCK ADT 0 %   |       | ******** APPRAISAL ********* CODE                       |
| (19)  | BYPASS, DETOUR LENGTH 199 KM   | (67)  | STRUCTURAL EVALUATION 4                                 |
|       | ************ GEOMETRIC DATA **********   | (68)  | DECK GEOMETRY 2   |
| (49)  |  | (69)  | UNDERCLEARANCES, VERTICAL & HORIZONTAL N                |
|       |  |       | WATER ADEQUACY 5  |
|       |  | (72)  | APPROACH ROADWAY ALIGNMENT 4                            |
|       |  | (36)  | TRAFFIC SAFETY FEATURES 0000                            |
|       | BRIDGE ROADWAY WIDTH CURB TO CURB 3.0 M DECK WIDTH OUT TO OUT 4.3 M                | (113) | SCOUR CRITICAL BRIDGES U                                |
|       |  |       | ******* PROPOSED IMPROVEMENTS *******                   |
|       | APPROACH ROADWAY WIDTH (W/SHOULDERS) 5.5 M BRIDGE MEDIAN 0                         |       |   |
|       |  |       | TYPE OF WORK- CODE                                      |
|       |  |       | LENGTH OF STRUCTURE IMPROVEMENT M                       |
|       | INVENTORY ROUTE MIN VERT CLEAR 99.99 M   | (94)  | BRIDGE IMPROVEMENT COST                                 |
|       | INVENTORY ROUTE TOTAL HORIZ CLEAR 3.0 M MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M    | (95)  | ROADWAY IMPROVEMENT COST                                |
|       |  | (96)  | TOTAL PROJECT COST                                      |
|       | MIN VERT UNDERCLEAR REF- NOT H/RR 0.00 M MIN LAT UNDERCLEAR RT REF- NOT H/RR 0.0 M | (97)  | YEAR OF IMPROVEMENT COST ESTIMATE                       |
|       | · · · · · · · · · · · · · · · · · · ·  | (114) | FUTURE ADT 109  |
|       |  | (115) | YEAR OF FUTURE ADT 2040                                 |
|       | *********** NAVIGATION DATA *********  |       | ************ INSPECTIONS **********                     |
| (38)  | NAVIGATION CONTROL- NO CONTROL CODE 0  | (90)  | INSPECTIONS INSPECTIONS INSPECTIONS  INSPECTIONS  24 MO |
| (111) | PIER PROTECTION- CODE  |       | CRITICAL FEATURE INSPECTION: (93) CFI DATE              |
| (39)  | NAVIGATION VERTICAL CLEARANCE 0.0 M  |       | FRACTURE CRIT DETAIL- NO MO A)                          |
| (116) | VERT-LIFT BRIDGE NAV MIN VERT CLEAR M  |       | UNDERWATER INSP- NO MO B)                               |
| (40)  | NAVIGATION HORIZONTAL CLEARANCE 0.0 M  |       | OTHER SPECIAL INSP- NO MO C)                            |

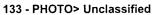
10/22/2019 [AAAP]

105 - PHOTO> Deck-Misc



Photo No. 1

Tubular webbing wrapped over deck planks for aid climbing.



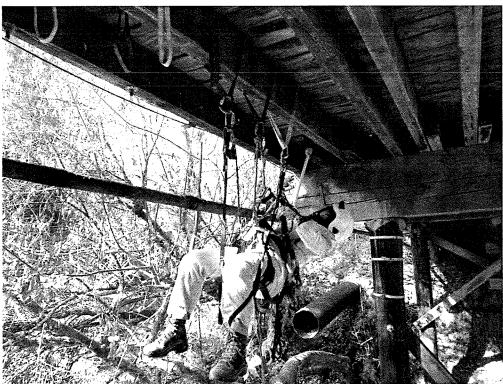


Photo No. 2

Climber using horizontal aid technique and awl on telescoping pole to assess timeber.