TTP Bridge Update
NTICC Meeting
August 25, 2022

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Federal Highway Administration

U.S. Department of Transportation
Federal Highway Administration

Topics to be Discussed

- TTP Bridge Program Funds under the BIL
- Eligible Use of Funds under the BIL
- Bridge Applications Funded to Date
- 2021 Poor Condition TTP Bridges
- Q&As for the TTP Bridge Program under the BIL
- 23 CFR 661 Notice of Proposed Rulemaking (NPRM) Update
- Other Items

TTP Bridge Program Funds - BIL

- **Tribal Transportation Facility Bridges (TTP Bridges)**
  - Eliminated 3% Set-aside from TTP

  - Bridge Formula Program (BFP) – 3% Set-aside
    - $165M/year (General Fund)

  - Bridge Investment Program (BIP) Set-aside
    - $20M/year (General Fund)

  - Bridge Investment Program (BIP) Set-aside
    - FY22 $16M   (Highway Trust Fund)
    - FY23 $18M   (Highway Trust Fund)
    - FY24 $20M   (Highway Trust Fund)
    - FY25 $22M   (Highway Trust Fund)
    - FY26 $24M   (Highway Trust Fund)

- **Please submit your bridge applications! Coordinate with the BIA Regions or FHWA TCs!**

Eligible Use of TTP Bridge Funds – BIL

- Funds made available to carry out this subsection shall be used--
- (A) to carry out any planning, design, engineering, preconstruction, construction, and inspection of **new** or replacement tribal transportation facility bridges;
- (B) to replace, rehabilitate, seismically retrofit, paint, apply calcium magnesium acetate, sodium acetate/formate, or other environmentally acceptable, minimally corrosive anti-icing and deicing composition; or
- (C) to implement any countermeasure for tribal transportation facility bridges classified as in poor condition, having a low load capacity, or needing geometric improvements, including multiple-pipe culverts.

Bridge Applications Funded to Date

- BIA owned bridges – 20 applications at $22.5M
- Tribally owned bridges – 9 applications at $11.9M
- Non-BIA/Non-Tribally owned bridges – 20 applications at $7.1M
- **Total of 49 applications funded at $41.5M**
- FHWA Tribes – 25 applications funded at $32.3M
- BIA Tribes – 24 applications funded at $9.2M
- BFP Funds obligated/expended to date - **$41.5M**
- Funds available in FY22 - **$165M (BFP)**; $20M (BIP); $14.6M (BIP)
- BFP Funds remaining to date – **$123.5M**
- **Please submit bridge applications!!**

2021 TTP Bridges in Poor Condition

2021 NBI Data

Owner Code	Total Number of TTP Bridges	TTP Bridges in Poor Condition	Improvement Cost
BIA - 62	1,016	87	$120,000,000
Tribal - 61	120	24	$45,000,000
County - 2	4,239	628	$290,000,000
State - 1	1,886	77	$120,000,000
City/Municipal - 4	350	38	$55,000,000
TOTAL	7,611	**854**	**$630,000,000**

Q&As TTP Bridge Program - BIL

- **Did BIL make any changes to the TTP Bridge Program?**

- Yes. BIL modified 23 U.S.C. 202(d) to update outdated terminology and broaden eligibility with respect to **new** bridges. Also, BIL eliminated the 3 percent set aside from the TTP (23 U.S.C. 202) and, instead, sets aside funding for the TTP Bridge Program from other authorized or appropriated programs.

- [Tribal Transportation Program (TTP) - Bridge Program Questions and Answers (Q&As) | FHWA (dot.gov)](#)

Q&As TTP Bridge Program - BIL

What are the periods of availability for the obligation and expenditure of the available funds?

For BFP Funds ($165M) and BIP Funds ($20M):

Fiscal Year	Period of Availability for	
	Obligation and Expenditure	Expenditure
2022	Lapse on September 30, 2025	Cancel on September 30, 2030
2023	Lapse on September 30, 2026	Cancel on September 30, 2031
2024	Lapse on September 30, 2027	Cancel on September 30, 2032
2025	Lapse on September 30, 2028	Cancel on September 30, 2033
2026	Lapse on September 30, 2029	Cancel on September 30, 2034

Q&As TTP Bridge Program - BIL

- **What kinds of bridges are eligible for this funding?**

- *For bridge replacement or rehabilitation:*
- (a) have an opening of 20 feet or more;
- (b) be classified as a Tribal transportation facility;
- (c) be classified as in poor condition, have low load capacity, or need geometric improvements; and
- (d) be recorded in the National Bridge Inventory (NBI) maintained by the FHWA.

- *For new bridge construction:*
- (a) classified as a Tribal transportation facility;
- (b) a public bridge with opening of 20 feet or more; and
- (c) recorded in the NBI after project completion.

Q&As TTP Bridge Program - BIL

- **What are the application processes for submitting a bridge application?**

- Any time during the fiscal year, a Tribe may prepare and submit to the BIA Region or FHWA Tribal Coordinator (TC) an application package to request TTP Bridge Program funding. The BIA Region or FHWA TC will assist the Tribe in preparing the application package, review the Tribe's submittal and resolve any issues with the Tribe.

- For Tribes with FHWA Program Agreements, the FHWA TC will submit the completed bridge application package directly to the TTP Bridge Program Manager at the FHWA/Office of Tribal Transportation (OTT) for review of the application.

Q&As TTP Bridge Program - BIL

• For Tribes working directly with the BIA, the BIA Region will submit the completed bridge application package to the BIA Bridge Program Manager for review. Upon review and resolution of any issues with the bridge application, BIA will submit the completed bridge application package directly to the TTP Bridge Program Manager at OTT for further processing and consideration.

Q&As TTP Bridge Program - BIL

What does a complete application package for preliminary engineering (PE) consist of and how does the proposed project receive funding?

A complete application package for PE consists of:
(a) the TTP Bridge Program certification checklist;
(b) an FHWA approved TTP Tribal Transportation Improvement Program;
(c) a description of the project scope of work;
(d) detailed cost estimate for PE;
(e) NBI data sheet (n/a for new bridge); and
(f) an acknowledgment by the Tribe of the project specific funding requirements and that any excess funds will be returned to FHWA for further distribution.

Q&As TTP Bridge Program - BIL

Funding for the approved eligible projects on the bridge application queues will be made available to the Tribes, under an FHWA/Tribal agreement, or the Secretary of the Interior upon availability of program funding at FHWA.

For non-Bureau of Indian Affairs (BIA)/non-Tribal TTP bridge projects funded under the TTP Bridge Program, the application package must also include a Tribal resolution supporting the project.

These requirements are provided for in 23 CFR 661.25.

Q&As TTP Bridge Program - BIL

What does a complete application package for construction consist of and how does the proposed project receive funding?

A complete application package for construction consists of:
(a) a copy of the approved plans, specifications, and estimate (PS&E);
(b) the TTP Bridge Program certification checklist;
(c) NBI data sheet (n/a for new bridge);
(d) an FHWA approved TTP Tribal Transportation Improvement Program;
(e) all environmental and archeological clearances and complete grants of public rights-of-way that must be acquired prior to submittal of the construction application package; and
(f) an acknowledgment by the Tribe of the project specific funding requirements and that any excess funds will be returned to FHWA for further distribution.

Q&As TTP Bridge Program - BIL

Funding for the approved eligible projects on the bridge application queues will be made available to the Tribes, under an FHWA/Tribal agreement, or the Secretary of the Interior upon availability of program funding at FHWA.

For non-BIA/non-Tribal TTP bridge projects funded under the TTP Bridge Program, the application package must also include a copy of a letter from the bridge's owner approving the project and its PS&E, and a Tribal resolution supporting the project.

These requirements are provided for in 23 CFR 661.27.

TTP BRIDGE PROGRAM CERTIFICATION CHECKLIST – Bipartisan Infrastructure Law (BIL)

Project Name: _____

Project Number: _____

Structure No. (Item 8): _____

ID Number: _____ BIA Region: _____

Agency: _____

Reservation: _____

County: _____ State: _____

Project Location:

_____

General Description of the Work:

_____

Ownership: BIA (Yes/No): _____ If non-BIA owned, provide the following:

Name of Owner: _____

Point of Contact: Name and Phone Number _____

Bridge Condition (Good/Fair/Poor): _____

       Note: Attach NBI Data Information for bridge (https://infobridge.fhwa.dot.gov/)

Type of Construction (Rehabilitation/Replacement/New Construction): _____

Do School Buses use this bridge (Yes/No)? _____

Safety issues involved with this project?

_____

Does the bridge project have Right-of-Way (Yes/No)? _____ If Yes, date obtained: _____

NEPA Compliance, Date: _____ PS&E Approval, Date: _____

Amount of Funding Request: $ _____

Remarks:

_____

We certify that the bridge project information is accurate and complete.

Tribal Transportation Director (approval): _____

                                      Print Name: _____

TTP Bridge Program Application Checklist
Bipartisan Infrastructure Law (BIL)

I. General Information:

Project Name: _____

Structure No. (from certification checklist): _____

Project scope of work:

II. Eligibility requirements (please checkmark boxes):

☐ Meets eligible activities as identified in 23 CFR Part 661.15?

For bridge replacement or rehabilitation:

☐ Has an opening of 20 feet or more?

☐ Classified as a Tribal transportation facility?

☐ Bridge in poor condition, have low load capacity, or need geometric improvements?

☐ Bridge recorded in the NBI maintained by the FHWA?

For new bridge construction:

☐ Classified as a Tribal transportation facility?

☐ Is a public bridge with opening of 20 feet or more?

☐ Is the bridge to be recorded in the NBI after project completion?

III. Required Attachments (please checkmark boxes):

Application for Preliminary Engineering (PE) funds:

☐ TTP Bridge Program Certification checklist

☐ FHWA-approved TTIP with the bridge project identified

☐ Detailed cost for PE

TTP Bridge Program Application Checklist
Bipartisan Infrastructure Law (BIL)

- ☐ NBI data sheet (n/a for new bridge)

For non-BIA/non-Tribal bridge:

  - ☐ Tribal resolution supporting the project
  - ☐ Identification of the required 20% local funding match

Application for Construction (CN) funds:

- ☐ Copy of approved Plans, Specifications, and Estimate (PS&E)
- ☐ TTP Bridge Program Certification checklist
- ☐ FHWA-Approved TTIP with the bridge project identified
- ☐ NBI data sheet (n/a for new bridge)

For non-BIA/non-Tribal bridge:

  - ☐ Letter from bridge owner approving the project and its PS&E
  - ☐ Tribal resolution supporting the project
  - ☐ Identification of the required 20% local funding match

https://infobridge.fhwa.dot.gov

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Select Data (?)

- ● 2022 NBI Data
- ○ 2020 NBI Data
- ○ All Data

Find Bridges (?)

NBI

- ☐ State Name (1)
- ☐ Structure Number (8)
- ☐ Features Intersected/Facility Carried (6A/7)
- ☑ **Owner Agency (22)**   1
- ☐ NHS (104)
- ☐ Bridge Condition
- ☐ Bridge Age
- ☐ Main Span Material (43A)
- ☐ Main Span Design (43B)
- ☐ Scour Critical Bridges (113)

Bridge Selection and Data Presentation   [About]

▼ Show Bridges   **1,026** of **620,669** bridges ▼   [Advanced Find] [Map Find] [Chart Find] [✕ Clear] ["Find" Options]

Selected Bridges | Map | Performance History | Performance Forecast

Selected Bridges   ☰ Table Options

	1 - State Name ⬍	8 - Structure Number	22 - Owner Agency	3 - County Name	27 - Year Built	29 - Average Daily Traffic	43A
	~ x	~ x	~ x	~ x	== x	== x	~
⬀	1 - Alabama	00000000000S703	Bureau of Indian Affairs	053 - Escambia County	2002	159	Prestre
⬀	1 - Alabama	00000000000S702	Bureau of Indian Affairs	053 - Escambia County	1999	50	Prestre
⬀	12 - Florida	00000000000S406	Bureau of Indian Affairs	011 - Broward County	1945	310	Concre
⬀	12 - Florida	00000000000S405	Bureau of Indian Affairs	011 - Broward County	1945	500	Concre
⬀	12 - Florida	00000000000S401	Bureau of Indian Affairs	011 - Broward County	1945	500	Concre
⬀	12 - Florida	00000000000S306	Bureau of Indian Affairs	051 - Hendry County	2011	3,000	Prestre
⬀	12 - Florida	00000000000S304	Bureau of Indian Affairs	051 - Hendry County	1965	120	Prestre

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Select Data (?)

● 2022 NBI Data
○ 2020 NBI Data
○ All Data

Find Bridges (?)

NBI

- ☐ State Name (1)
- ☐ Structure Number (8)
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- ☑ Owner Agency (22)   1
- ☐ NHS (104)
- ☑ Bridge Condition   1
- ☐ Bridge Age
- ☐ Main Span Material (43A)
- ☐ Main Span Design (43B)
- ☐ Scour Critical Bridges (113)

Bridge Selection and Data Presentation   About

🔽 Show Bridges **91** of **620,669** bridges 🔽   📋 Advanced Find 🗺 Map Find 📊 Chart Find ✕ Clear ⚏ "Find" Options

| Selected Bridges | Map | Performance History | Performance Forecast |

Selected Bridges   ☰ Table Options

	1 - State Name ⇅	8 - Structure Number	22 - Owner Agency	3 - County Name	27 - Year Built	29 - Average Daily Traffic	43/
	~ ___ X	~ ___ X	~ ___ X	~ ___ X	== ___ X	== ___ X	~
⧉	16 - Idaho	00000000000P507	Bureau of Indian Affairs	009 - Benewah County	1977	350	Prestre
⧉	20 - Kansas	00000000000B119	Bureau of Indian Affairs	013 - Brown County	1985	150	Concre
⧉	20 - Kansas	00000000000B104	Bureau of Indian Affairs	013 - Brown County	1970	150	Steel
⧉	23 - Maine	0000S50018B0061	Bureau of Indian Affairs	019 - Penobscot County	2007	20	Steel
⧉	23 - Maine	0000S50018B0041	Bureau of Indian Affairs	019 - Penobscot County	2004	15	Steel
⧉	23 - Maine	0000S50018B0021	Bureau of Indian Affairs	019 - Penobscot County	1998	20	Steel
⧉	23 - Maine	00000000000S554	Bureau of Indian Affairs	007 - Franklin County	2000	5	Steel

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Bridge Information

State Name (1):   **Structure Number (8):**
Alaska   0272

Data	Condition Forecast

Overview

NBI

NBE

Climate

National Bridge Inventory (NBI) - 2022 (?)

⬇ Bridge Summary Report

All	Identification and Location	Structure Type and Materials

Dimensions and Clearances	Inspection

Condition Rating and Evaluation	Load Rating and Posting

Traffic and Roadway Data

Select Year

| **2022** |
| 2021 |
| 2020 |
| 2019 |

Attribute	Value
State Name (1)	2 - Alaska
Highway Agency District (2)	02
County Name (3)	290 - Yukon-Koyukuk Census

Select NBI Attributes ▾

Condition Rating ✖   Daily Traffic ✖   Channel and Channel Protection Condition Rating ✖

Load Rating ✖   Structural Evaluation Appraisal ✖

Historical Condition Rating Graph (?)

⬇ Save as Image

Historical Condition Rating (Alaska - 0272)

18 new notifications

Bridge Summary Report

State Name (1): 2 - Alaska	Structure Number (8):	0272	Inspection Date (90): August 2020

Identification and Location

Highway Agency District (2): 02

County Name (3): 290 - Yukon-Koyukuk Census Area

Place Name (4): 46780

Features Intersected (6A): HOT SPRINGS SLOUGH

Facility Carried By Structure (7): ELLIOTT HIGHWAY

Location (9): MILE POINT 145.8

Mile Point, miles (11): 145.768

Latitude, decimal (16): 65.00156

Longitude, decimal (17): -150.6344

Maintenance Responsibility (21): 1 - State Highway Agency

Owner (22): 1 - State Highway Agency

Year Built (27): 1961

Historical Significance Code (37): 5 - Not National Register eligible

Neighboring State Code (98A):

Neighboring State Percent Responsibility (98B):

Border Bridge Structure Number (99):

Parallel Structure Designation Code (101): N - No parallel structure

Year Reconstructed (106): 0

Structure Type and Materials

Main Span Material (43A): 3 - Steel

Main Span Design (43B): 10 - Truss - Thru

Approach Spans Material (44A): 7 - Wood or Timber

Approach Spans Design (44B): 2 - Stringer/Multi-beam or Girder

Number of Spans in Main Unit (45): 1

Condition Rating and Evaluation

Bridge Railings (36A): 0 - Does not meet currently acceptable standa ...

Transitions (36B): 0 - Does not meet currently acceptable standards

Approach Guardrail (36C): 1 - Meets currently acceptable standards

Bridge Guardrail Ends (36D): 0 - Does not meet currently acceptable ...

Deck Condition Rating (58): 6 - Satisfactory Condition

Superstructure Condition Rating (59): 5 - Fair Condition

Substructure Condition Rating (60): 6 - Satisfactory Condition

Channel and Channel Protection Condition Rating (61): 7 - Channel re ...

Culverts Condition Rating (62): N - Not a culvert

Structural Evaluation Appraisal (67): 5 - Better Than Minimum Adequa ...

Deck Geometry Appraisal (68): 2 - Intolerable; High Priority Replace ...

Underclearance Appraisal Vertical and Horizontal (69): N - N/A

Waterway Adequacy Appraisal (71): 8 - Equal to Present Desirable Cri ...

Approach Alignment Appraisal (72): 6 - Equal to Present Minimum Crit ...

Scour Critical Bridges Code (113): 7 - Countermeasures installed for ...

Load Rating and Posting

Design Load Descriptor (31): 2 - M 13.5 / H 15

Structure Operational Status Code (41): A - Open

Operating Rating Method Code (63): 1 - Load Factor(LF)

Operating Rating, US tons (64): 47.1

Inventory Rating Method Code (65): 1 - Load Factor(LF)

Inventory Rating, US tons (66): 27.8

Bridge Posting Code (70): 5 - Equal to or above legal loads

Traffic and Roadway Data
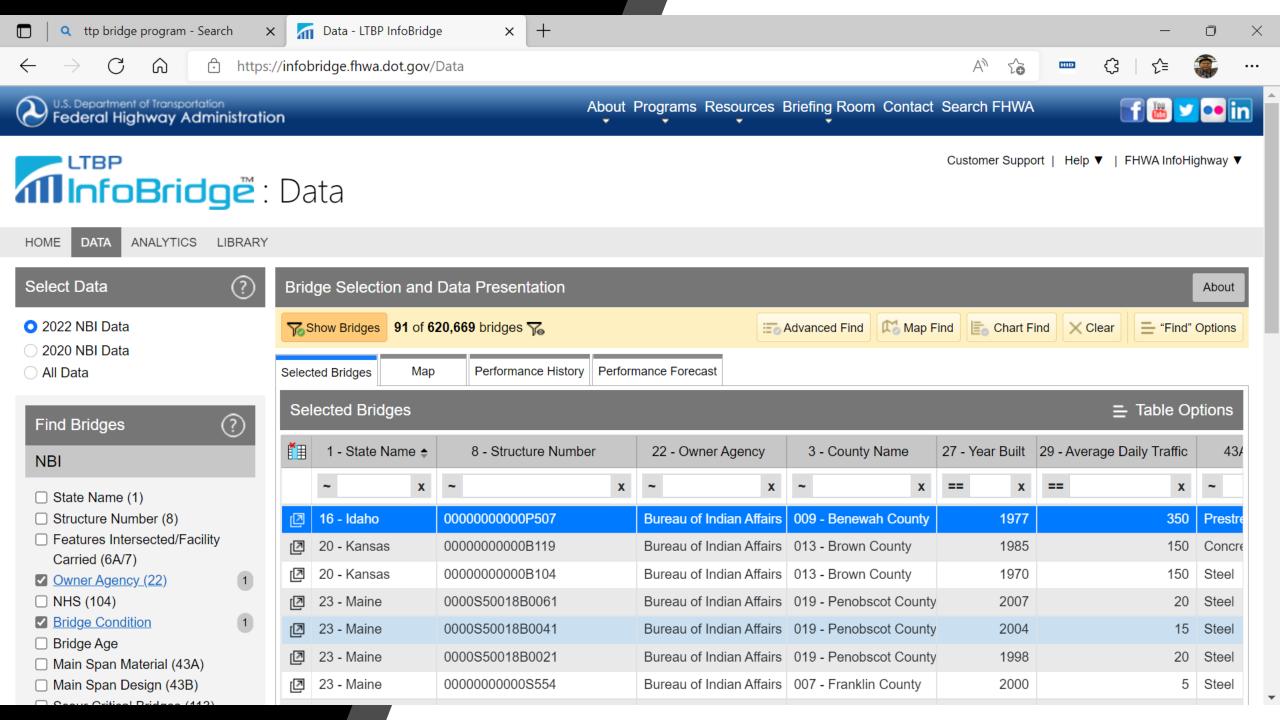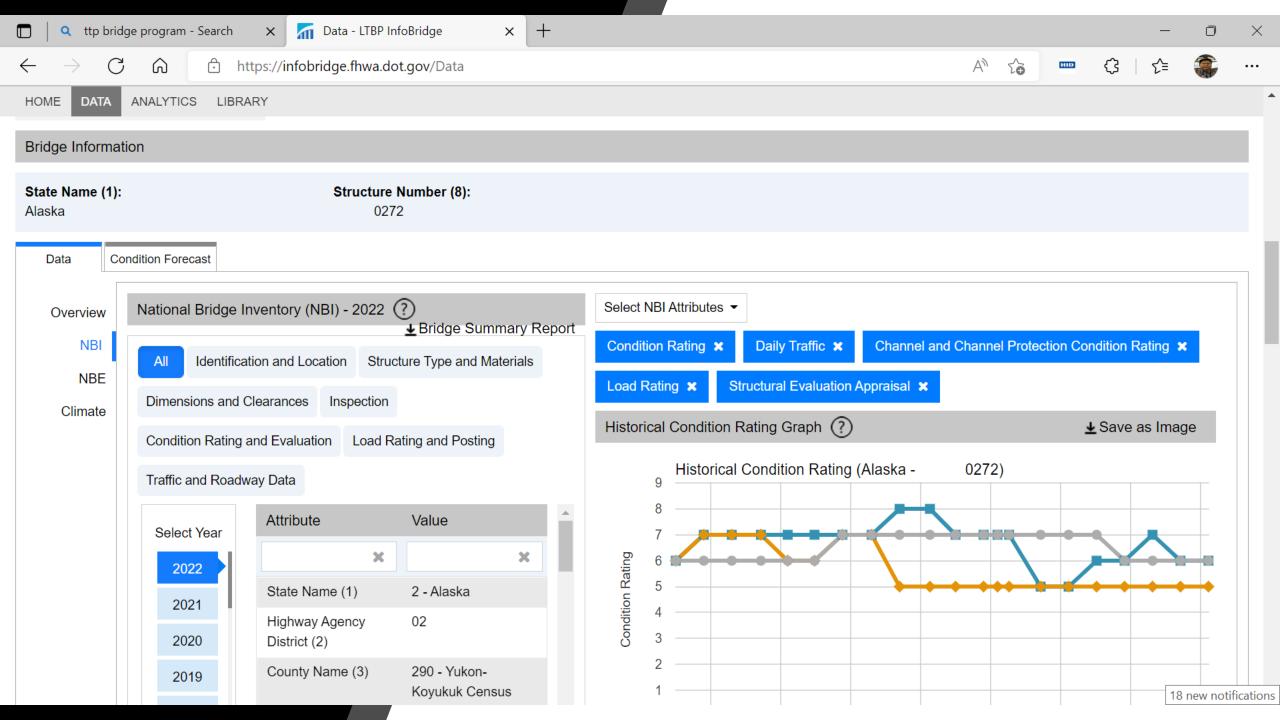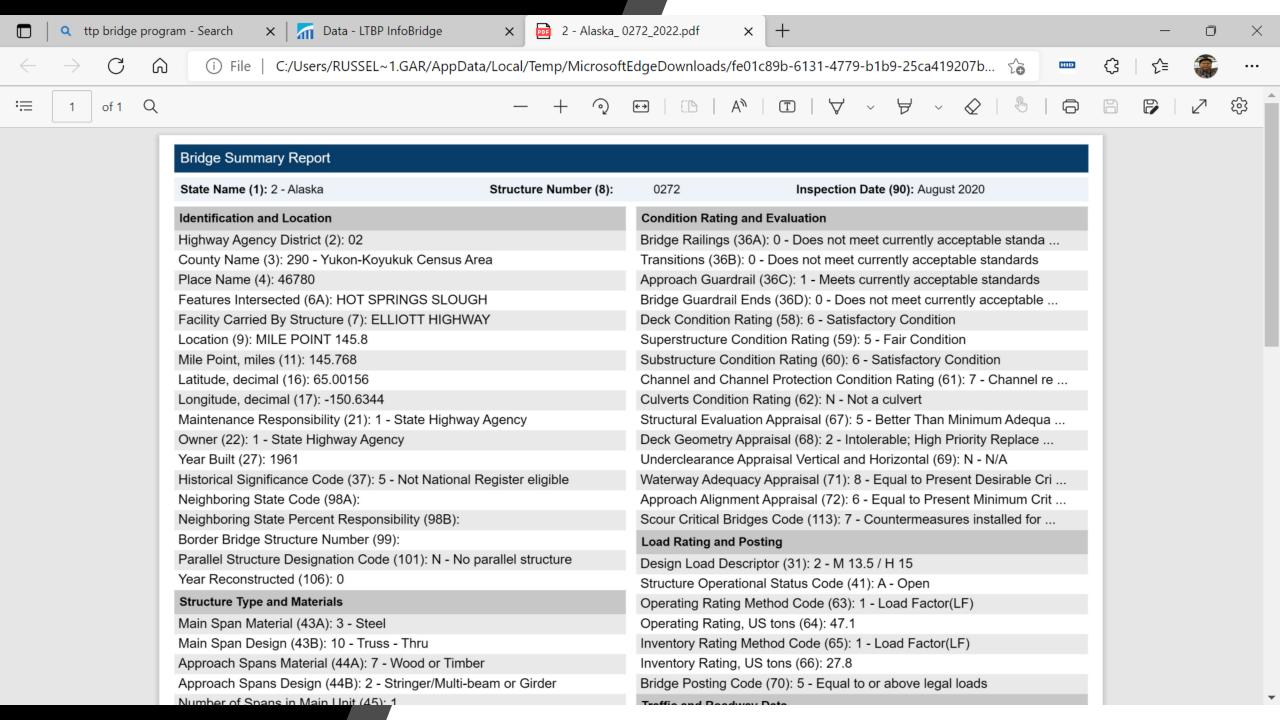
23 CFR 661 NPRM Update

- The draft NPRM was initially approved by FHWA

- The draft NPRM was updated to include the changes from the BIL

- The draft NPRM is back for review and approval by FHWA

- Planned Publication Date in the Federal Register: ???

Other Items

- Roll outs of the TTP Bridge Program under BIL:
  - ITCA Virtual Meeting, March 2022
  - AK Providers Virtual Meeting, April 2022
  - TTPCC Meeting in ABQ, May 2022
  - ITA Virtual Meeting, June 2022
  - USET Virtual Meeting, July 2022
  - TTPCC Meeting in ID, August 2022
  - **NTICC Meeting, August 2022**

Questions??