

Posting Date: June 16, 2022

# Request for Proposals Notification

**Title:** Johnson County Highway Department Engineering Services for Replacement of County Bridge No. 56, North 650 W, approx. 600 feet south of West 100N (Des # 2101686) in the Seymour District.

**Response Due Date & Time:** July 8, 2022 at 12:00 noon

This Request for Proposals (RFP) is official notification of needed professional services. This RFP is being issued to solicit a letter of Interest (LOI) and other documents from firms qualified to perform engineering work on federal aid projects. A submittal does not guarantee the firm will be contracted to perform any services but only serves notice the firm desires to be considered.

**Contact for Questions:** Daniel Johnston, P.E./Highway Engineer  
1051 Hospital Road  
Franklin, Indiana 46131  
(317)346-4630  
djohnston@co.johnson.in.us

## Submittal Requirements:

1.  Letter of Interest – submitted electronically (pdf) to Daniel Johnston at email address djohnston@co.johnson.in.us.

AND

2.  One (1) signed Affirmative Action Certification and associated required documents for all items if the DBE goal is greater than 0% sent electronically (pdf) to Daniel Johnston at email address djohnston@co.johnson.in.us.

**Submit To:** Daniel Johnston, P.E./Highway Engineer  
1051 Hospital Road  
Franklin, Indiana 46131  
(317)346-4630  
djohnston@co.johnson.in.us

**Selection Procedures:**

Consultants will be selected for work further described herein, based on the evaluation of the Letter of Interest (LOI) and other required documents. The Consultant Selection Rating Form used to evaluate and score the submittals is included for your reference. Final selection ranking will be determined by:

- The weighted score totals with the highest score being the top ranked firm
- Rank totals with the lowest rank total being the top ranked firm

**Requirements for Letters of Interest (LOI)**

## A. General instructions for preparing and submitting a Letter of Interest (LOI).

1. Provide the information, as stated in Item B below, in the same order listed and signed by an officer of the firm. Signed and scanned documents, or electronically applied signatures are acceptable. Do not send additional forms, resumes, brochures, or other material unless otherwise noted in the item description.
2. LOI's shall be limited to twelve (12) 8 ½" x 11" pages that include Identification, Qualifications, Key Staff, and Project Approach.
3. LOI's must be received no later than the "Response Due Date and Time"; as shown in the RFP header above. Responses received after this deadline will not be considered. Submittals must include all required attachments to be considered for selection.

## B. Letter of Interest Content

1. Identification, Qualifications and Key Staff

- a. Provide the firm name, address of the responsible office from which the work will be performed and the name and email address of the contact person authorized to negotiate for the associated work.
- b. List all proposed sub consultants, their DBE status, and the percentage of work to be performed by the prime consultant and each sub consultant. (See Affirmative Action Certification requirements below.) A listing of certified DBE's eligible to be considered for selection as prime consultants or sub-consultants for this RFP can be found at the "Prequalified Consultants" link on the Indiana Department of Transportation (INDOT) Consultants Webpage. (<http://www.in.gov/indot/2732.htm>).
- c. List the Project Manager and other key staff members, including key sub consultant staff, and the percent of time the project manager will be committed for the contract, if selected. Include project engineers for important disciplines and staff members responsible for the work. Address the experience of the key staff members on similar projects and the staff qualifications relative to the required item qualifications.

- d. Describe the capacity of consultant staff and their ability to perform the work in a timely manner relative to present workload.
2. Project Approach
- a. Provide a description of your project approach relative to the advertised services. For project specific items confirm the firm has visited the project site. For all items address your firm's technical understanding of the project or services, cost containment practices, innovative ideas and any other relevant information concerning your firm's qualifications for the project.

### **Requirements for Affirmative Action Certification**

A completed Affirmative Action Certification form is required for all items that identify a DBE goal greater than "0", in order to be considered for selection. The consultant must identify the DBE firms with which it intends to subcontract.

On the Affirmative Action Certification, include the contract participation percentage of each DBE and list what the DBE will be subcontracted to perform.

If the consultant does not meet the DBE goal, the consultant must provide documentation in additional pages after the form that evidences that it made good faith efforts to achieve the DBE goal.

All DBE subcontracting goals apply to all prime submitting consultants regardless of the prime's status of DBE.

### **INDOT DBE Reciprocity Agreement with KYTC**

An Agreement between INDOT and the Kentucky Transportation Cabinet (KYTC) established reciprocal acceptance of certification of DBE firms in their respective states under the Unified Certification Program (UCP) pursuant to 49 CFR ?26.81(e) and (f).

Copies of the DBE certifications, as issued by INDOT or the Kentucky Transportation Cabinet (KYTC), are to be included as additional pages after the AAC form for each firm listed on the AAC form. The following are DBE Locator Directories for each State Transportation Agency:

**INDOT:** <https://entapps.indot.in.gov/DBELocator/>

**KYTC:** <https://transportation.ky.gov/Civil-Rights-and-Small-Business-Development/Pages/Certified-DBE-Directory.aspx>

Information about the Indiana DBE Program is available at: <https://www.in.gov/indot/2674.htm>.

Information about the KYTC DBE Program is available at: <https://transportation.ky.gov/Civil-Rights-and-Small-Business-Development/Pages/default.aspx>.

**Work item details:**

Local Public Agency: Johnson County Highway Department

Project Location: Bridge 56 located on N CR 750 W approximately 600 feet south of W CR 100 N, in Union Township in Johnson County. It spans Henderson Creek.

Project Description: Full replacement of bridge with incidental roadway approach replacement.

INDOT Des #: 2101686

Phases Included: PE, RW

Estimated Construction Amount: \$1,358,000

Funding: Federal and Local funds for PE, RW.

Term of Contract: Until Project Completion

DBE goal: 3%

Required Prequalification Categories:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> 5.2 Environmental Document Preparation - CE | <input checked="" type="checkbox"/> 12.1 Project Management for Acquisition Services |
| <input checked="" type="checkbox"/> 6.1 Topographical Survey Data Collection    | <input checked="" type="checkbox"/> 12.2 Title Search                                |
| <input checked="" type="checkbox"/> 8.1 Non-Complex Roadway Design              | <input checked="" type="checkbox"/> 12.4 Appraisal                                   |
| <input type="checkbox"/> 9.1 Level 1 Bridge Design                              | <input checked="" type="checkbox"/> 12.5 Appraisal Review                            |
| <input checked="" type="checkbox"/> 11.1 Right of Way Plan Development          | <input type="checkbox"/> 13.1 Construction Inspection                                |
| <input checked="" type="checkbox"/> Additional Categories Listed Below:         |  |
| 5.4 Ecological Surveys  |  |
| 5.5 Stream and Wetland Mitigation   |  |
| 5.6 Waterway Permits  |  |
| 7.1 Geotechnical Engineering Services   |  |
| 9.2 Level 2 Bridge Design   |  |
| 12.3 Value Analysis   |  |
| 12.6 Negotiation  |  |
| 16.1 Utility Coordination   |  |
| 17.4 Bridge Hydraulic Design  |  |

# LPA Consultant Selection Rating Sheet

Sample:

<b>RFP Selection Rating for</b> _____				<b>Des. No.</b> _____	
(City, County, Town) or (Local Public Agency)					
<b>Services Description:</b> _____					
<b>Consultant Name:</b> _____					
Evaluation Criteria to be Rated by Scorers					
Category	Scoring Criteria	Scale	Score	Weight	Weighted Score
Past Performance	<b>Performance evaluation score averages from historical performance data.</b>				
	Quality score for similar work from performance database.			6	
	Schedule score from performance database.			3	
	Responsiveness score from performance database.			1	
Capacity of Team to do Work	<b>Evaluation of the team's personnel and equipment to perform the project on time.</b>				
	Availability of more than adequate capacity that results in added value.	1		20	
	Adequate capacity to meet the schedule.	0			
Insufficient available capacity to meet the schedule.	-1				
Team's Demonstrated Qualifications	<b>Technical Expertise: Unique Resources that yield a relevant added value or efficiency to the deliverable.</b>			15	
	Demonstrated outstanding expertise and resources identified for required services for value added benefit.	2			
	Demonstrated high level of expertise and resources identified for required services for value added benefit.	1			
	Expertise and resources at appropriate level.	0			
	Insufficient expertise and/or resources.	-3			
Project Manager	<b>Predicted ability to manage the project, based on: experience in size, complexity, type, subs, documentation skills.</b>			20	
	Demonstrated outstanding experience in similar type and complexity.	2			
	Demonstrated high level of experience in similar type and complexity.	1			
	Experience in similar type and complexity shown in resume.	0			
	Experience in different type or lower complexity.	-1			
	Insufficient experience.	-3			
Approach to Project	<b>Project Understanding and Innovation that provides cost and/or time savings.</b>			15	
	High level of understanding and viable innovative ideas proposed.	2			
	High level of understanding of the project.	1			
	Basic understanding of the project.	0			
	Lack of project understanding.	-3			
<b>Weighted Sub-Total:</b>					
It is the responsibility of scorers to make every effort to identify the firm most capable of producing the highest deliverables in a timely and cost effective manner without regard to personal preference.					
I certify that I do not have any conflicts of interest associated with this consultant as defined in 49CFR118.36.					
I have thoroughly reviewed the letter of interest for this consultant and certify that the above scores represent my best judgment of this firm's abilities.					
Signature: _____					Print Name: _____
Title: _____					Date: _____
(Form Rev. 4-7-16)					

Des. #: [Click here to enter text.](#)

**Affirmative Action Certification (AAC) for Disadvantaged Business Enterprises (DBE)**

I hereby certify that my company intends to affirmatively seek out and consider Disadvantaged Business Enterprises (DBEs) certified by the State of Indiana’s DBE Program and the Kentucky Transportation Cabinet (KYTC) DBE Program to participate as part of this proposal. An Agreement between INDOT and KYTC established reciprocal acceptance of certification of DBE firms in their respective states under the Unified Certification Program (UCP) pursuant to 49 CFR §26.81(e) and (f).

I acknowledge that this certification is to be made an integral part of this proposal. I understand and agree that the submission of a blank certification may cause the proposal to be rejected. I certify that I have consulted the following DBE websites to confirm that the firms listed below are currently certified DBEs:

INDOT: <https://entapps.indot.in.gov/DBELocator/>

KYTC: <https://transportation.ky.gov/Civil-Rights-and-Small-Business-Development/Pages/Certified-DBE-Directory.aspx>

I certify that I have contacted the certified DBE’s listed below, and if my company becomes the CONSULTANT, these DBEs have tentatively agreed to perform the services as indicated. I understand that neither my company nor I will be penalized for DBE utilization that exceeds the goal. After contract award, any change to the firms listed in this Affirmative Action Certification to be applied toward the DBE goal must have prior approval by INDOT’s Economic Opportunity Division.

**I. DBE Subconsultants to be applied toward DBE goal for the RFP item:**

Certified DBE Name	Service Planned	Estimated Percentage to be Paid*
		%
		%
		%
		%

**II. DBE Subconsultants to be utilized beyond the advertised DBE goal for the RFP item:**

Certified DBE Name	Service Planned	Estimated Percentage to be Paid*
		%
		%
		%
		%

Estimated Total Percentage Credited toward DBE Goal: \_\_\_\_\_

Estimated Percentage of Voluntary DBE Work Anticipated over DBE Goal: \_\_\_\_\_

Company Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\* It is understood that these individual firm percentages are estimates only and that percentages paid may be greater or less as a result of negotiation of contract scope of work. My firm will use good faith efforts to meet the overall DBE goal through the use of these or other certified and approved DBE firms.

**Bridge 56 Replacement Project**  
 INDOT Funding Application Discussion  
 1/6/2022

**Project Overview**

Replacement of Bridge 56 on CR 750 W in Union Township, Johnson County, to current design standards

**Project Need**

- Sufficiency rating: 51.5
  - o Superstructure rating 4 (poor). Longitudinal cracking and rust staining in flanges of outside channel beams, concrete at bottom of flanges will start popping off soon. Some exposed steel in flanges of outside beams.
  - o Substructure rating 5 (fair). Minor vertical cracking in both abutments.
- 15-ton weight limit and one-lane bridge posting
  - o Rural area with low traffic volumes, but needed for both farm and school bus traffic



Abutment 2

**Project Status**

Project design originally started with the intent of building as a locally-funded project, but additional road needed due to the bridge's proximity to combined vertical and horizontal curve directly adjacent to the bridge. This increased project cost, making a locally-funded replacement option unaffordable.

Road alignment and right-of-way limits have been set, meaning environmental document work can begin.

No existing utility easements have been found within the project area, meaning there are no reimbursable utility relocation costs.



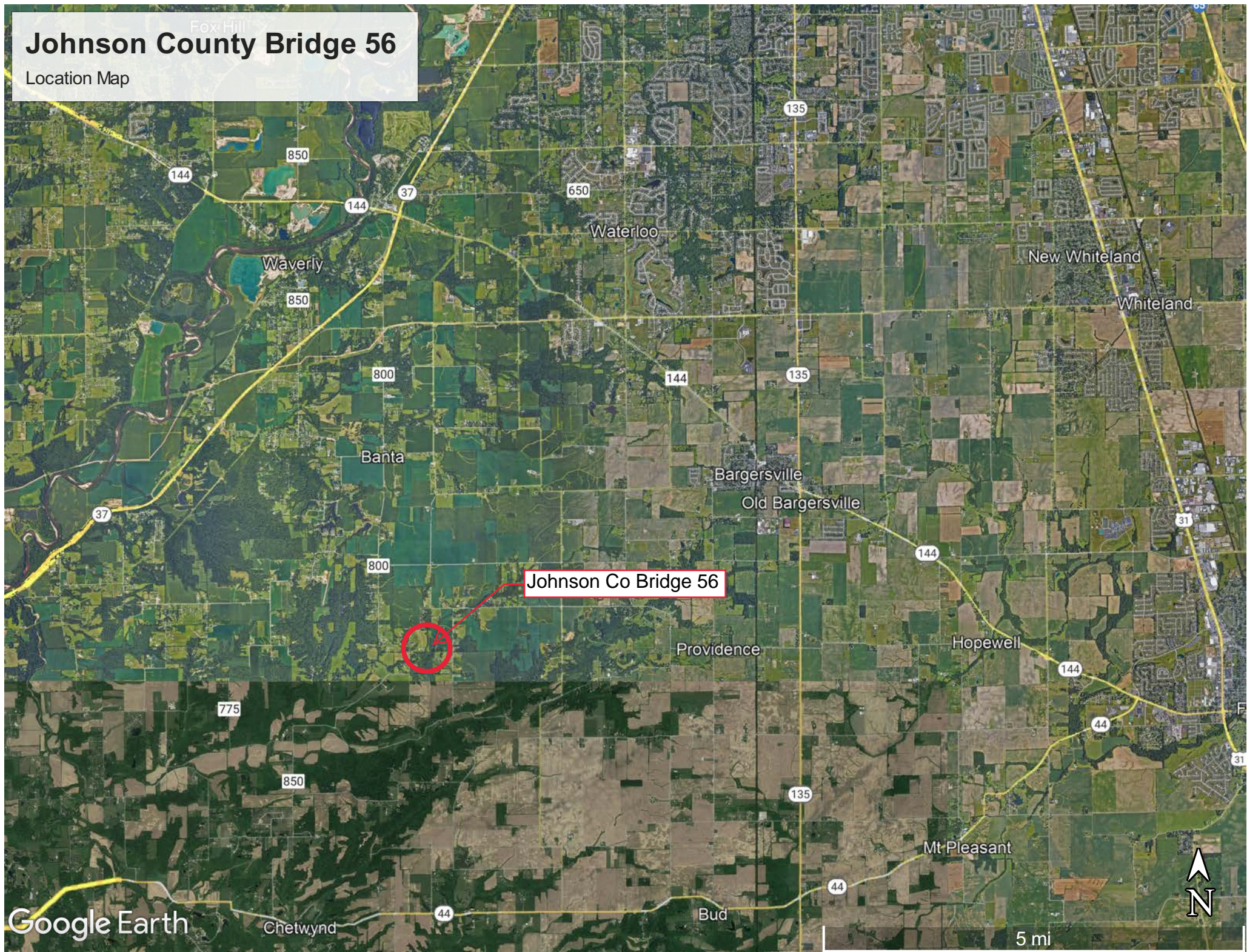
Alignment Looking South (15 Tons)

**Cost Estimate and Schedule**

	FY		Total		Federal		Local
PE	2024	\$					
R/W	2025	\$					
Utility		\$	-	\$	-	\$	-
CN	2027	\$	1,358,000	\$	1,195,040	\$	271,600
CE	2027	\$	204,000	\$	179,520	\$	40,800
<b>Total</b>		\$					

# Johnson County Bridge 56

Location Map



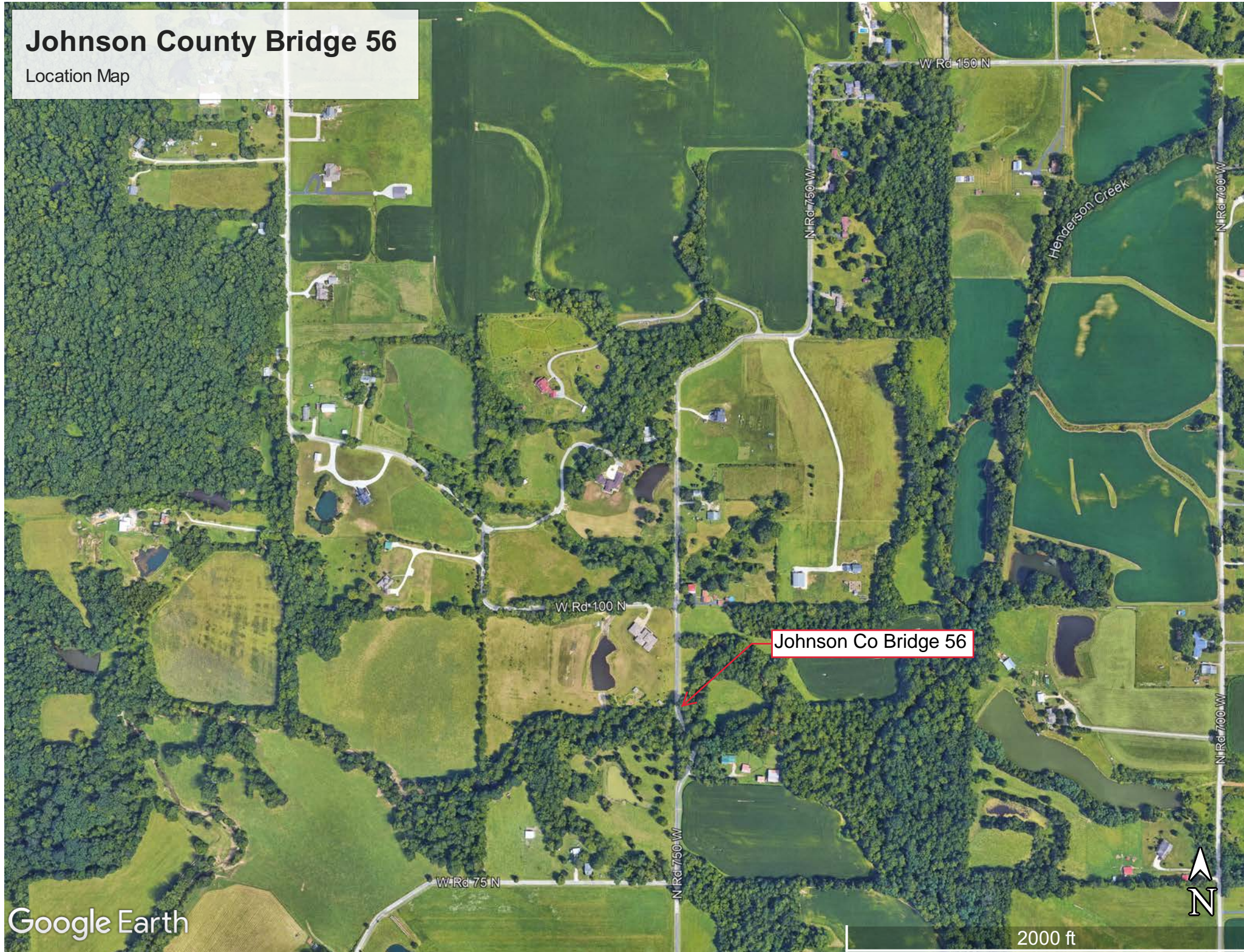
Johnson Co Bridge 56





# Johnson County Bridge 56

Location Map

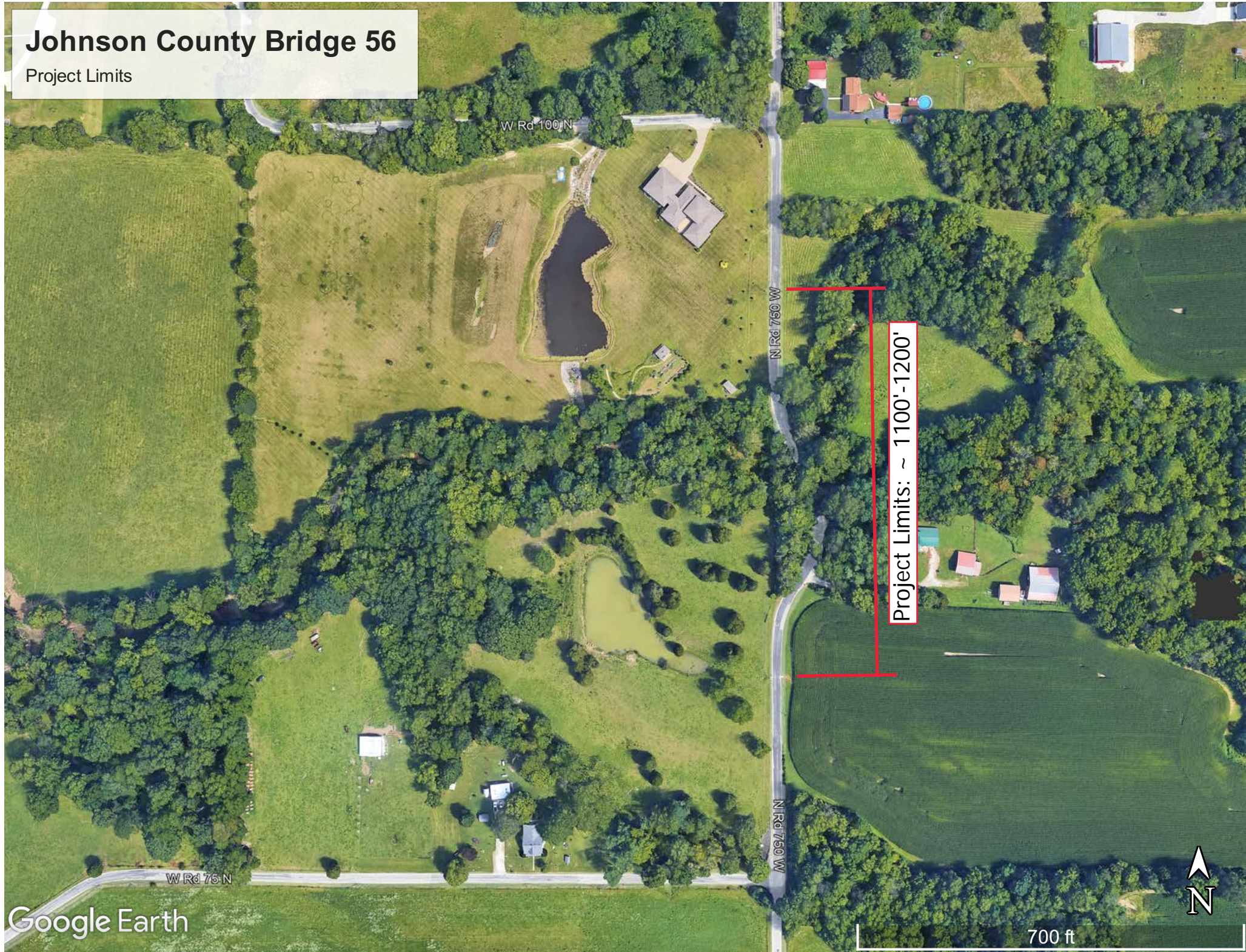


Johnson Co Bridge 56



# Johnson County Bridge 56

Project Limits



W Rd 100 N

N Rd 750 W

N Rd 750 W

W Rd 76 N

Project Limits: ~ 1100'-1200'

Google Earth

700 ft





# Johnson County Highway Department

1051 Hospital Road  
Franklin, IN 46131

(317) 346-4630 Office  
(317) 738-5378 Fax

www.jchighway.com  
highway@co.johnson.in.us

Lucas M. Mastin  
Highway Supervisor

Highway Engineer

## Summary of Utility Information for Project Funding Application

Project: Bridge 56 Replacement, CR 750 W  
Application Date: December 3, 2021  
Site Visit Date(s): December 3, 2021  
Reviewer: Lucas Mastin, Highway Supervisor

Utility (per Design Ticket)	Status
AT&T Distribution	Not at project site. Located underground on CR 700 W, ½ mile to the east
Centurylink	Underground and overhead at project site on east side of road. Overhead adjacent to the bridge crossing the creek. Not in easement.
JC REMC	Overhead at project site on west side of road. Not in easement.

Easement Verification: Title & Encumbrance Report performed by BF&S February 2014, supplemented by additional review of Recorder's Office documents after the report date



JC REMC Overhead (Left)  
North of Bridge 56



Centurylink Underground/Overhead Transition  
South of Bridge 56

Design Ticket Attached  
T&E Reports Attached

# Dig Site Information

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Street / Address: N ROAD 750 W  
Cross Street:  
State: IN County: JOHNSON Township: UNION  
Nearest Intersecting Street: W 100 N  
City/Town dig site is in or nearest: BARGERSVILLE  
Dig Site Description: 625 FEET SOUTH OF 100 NORTH

## Affected Service Areas

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<u>Name</u>	<u>Utility Types</u>	<u>Design Engineer</u>	<u>Alternate</u>
AT&T - DISTRIBUTION	COMMUNICATIONS	MATT SPINDLER (317) 220-7043 g09871@att.com 240 N. MERIDIAN ST., ROOM 1791 INDIANAPOLIS, IN 46204	
CENTURYLINK (CTLCL)	TELEPHONE	JOHN UNVERFERTH (419) 226-6342 john.c.unverferth@centurylink.com 944 S CENTRAL AVE. LIMA, OH 45804	
JOHNSON COUNTY R.E.M.C.	ELECTRIC	KEVIN SHELLEY (317) 736-6174 x7630 shelleyk@jcremc.com PO BOX 309 FRANKLIN, IN 46131	

Application Information

Application ID: 14017

Project Type: New Project


Application Status: Submitted to INDOT

Status Update Date: 12/03/2021

Sponsoring Agency

Sponsoring Agency

Name	Johnson County
Address	86 W Court St
City	FRANKLIN
State	IN
Zip	46131

If Sponsoring Agency is not in the list, please click on the icon  to email the SPMS administrator to request a Sponsoring Agency be added.

Certified Employee in Responsible Charge (ERC)

Name	Luke Mastin
Certificate Date	10/26/2020
ERC Phone	(317) 346-4641
ERC Email	lmastin@co.johnson.in.us

Certify on letterhead that your LPA is compliant or is working toward ADA/Section 504 compliance.

Have you completed your ADA Transition Plan?	Yes
Completion Date	05/11/2015
Do you have ADA Coordinator?	Yes
First Name	Barb
Last Name	Davis
Phone	3173464329
Email	bdavis@co.johnson.in.us
Have you completed your Title VI Implementation Plan?	Yes
Completion Date	05/11/2015
Do you have Title VI Coordinator?	Yes
First Name	Barb
Last Name	Davis
Phone	3173464329
Email	bdavis@co.johnson.in.us
Have you completed you goals and accomplishment report?	No
Completion Date	12/31/2022

**Application Information**

**Application ID:** 14017

**Project Type:** New Project

**Application Status:** Submitted to INDOT

**Status Update Date:** 12/03/2021

**Planning Area**

**Metropolitan Planning Area**

Is the project in the Metropolitan Planning Area of MPO?

Yes

Select MPA

Indianapolis Metropolitan Planning Organization

Name

Steve Cunningham

MPO Email

Is project within Urbanized area of MPO?

No

Select Urban Area

MPO Assigned User (entered by MPO)

MPO Decision (entered by MPO)

Concur

**Project Information**

**Project Details**

\* Secondary Work type: Examples include, if your road project contains a bridge in the project area and funds will be requested for both types of infrastructure, please select a bridge work type as your secondary work type. Or if you are requesting federal funds for road reconstruction and are including safety components as a part of the project; please select a safety work type as your secondary work type.

\* Functional Class: Click this link <http://www.in.gov/indot/2615.htm> for assistance.

\* Project Location: Example, Bridge over no name creek or From Main St. to Locust Ave., or to Washington Blvd.

\* City/County Priority: If you are only submitting 1 application for a new or existing project then select 1 as the Project Priority. If you plan to submit multiple applications for new or existing projects then select the appropriate priority for this application.

\*AADT: Click this link <http://www.in.gov/indot/2720.htm> for assistance.

\*Sub District: Click this link <http://dotmaps.indot.in.gov/apps/districtmaps/default.asp> for assistance.

\*Congressional District: Click this link [http://www.in.gov/legislative/house\\_republicans/rd/pdfs/Congressional.pdf](http://www.in.gov/legislative/house_republicans/rd/pdfs/Congressional.pdf) for assistance.

<b>Overall Improvement</b>	Local Bridge Project	<b>Work Type</b>	Bridge Replacement
<b>Primary County</b>	Johnson	<b>*Secondary Work Type</b>	
<b>INDOT District</b>	Seymour	<b>Road Name</b>	N CR 750 W
<b>Sub District</b>	Bloomington Sub	<b>US Congressional DistrictN</b>	District 9
<b>*Functional Class</b>	Local	<b>City Boundary</b>	
<b>Rural/Urban Population</b>	=> 200,000	<b>Transportation System</b>	Off Federal Aid
<b>Program Class</b>	Local Bridge		
<b>*Project Location</b>	Bridge 56 located on N CR 750 W approximately 600 feet south of W CR 100 N		

**Application Information**

**Application ID:** 14017

**Project Type:** New Project

**Application Status:** Submitted to INDOT

**Status Update Date:** 12/03/2021

**Project Description  
(Include a Scope of Work)**

Replacement of Bridge 56 located on N CR 750 W in Union Township, Johnson County. Existing one-lane bridge with 15 ton weight limit with be replaced with a two-lane bridge with no posted weight limit required. Project will include adjacent approach roadway work on both sides of bridge to accommodate horizontal and vertical alignment design requirements per INDOT Design Manual.

**Latitude**

Start:     
 Mid:     
 End:

**Longitude**

Start:     
 Mid:     
 End:

**Length of Project (miles)**

**Latest AADT (Average Auto Daily Traffic) Count**

**Latest ADTT (Average Daily Truck Traffic) Count**

**Year of Latest Count**

**\*City/County Priority**

**Would the LPA be interested in the Federal Exchange Program?**

**Bridge**

**Bridge Information**

**NBI Number**

**New Bridge Location**

**Name of Feature crossed by bridge**

**Posted Weight Limit**

**If yes what is posted weight limit (tons)**

**Application Information**

Application ID: 14017

Project Type: New Project

Application Status: Submitted to INDOT

Status Update Date: 12/03/2021

**Safety Information**

**Safety Information**

Posted Speed (In MPH)	35
Current Number of Lanes	2
Current Roadway Width (feet)	17.00

*If the last three years are not available please provide the last three years that are available*

Year	# of Fatalities/Injuries	# of Property Damage
2019	0	0
2020	0	0
2021	0	0

**Scheduling and Funding**

**Estimated Project Scheduling and Funding Information**

**Special Note:** The budget and schedule provided in the application and financial commitment letter must be the schedule and budget used in the required quarterly reports. Adjustments to that information must be justified and approved by INDOT before it may be changed. Totals and Anticipated Award % Split are calculated when the application is saved.

Phase	Requesting Funds For (MM/YYYY)	Total Project Cost	Existing Federal Funds (If Applicable)	Federal Funds Being Requested for this Application	Local Funds	Anticipated Awarded % Split
Preliminary Engineering	11/2023		\$0.00			
Right of Way	11/2024		\$0.00			
Utility		\$0.00	\$0.00	\$0.00	\$0.00	
Railroad		\$0.00	\$0.00	\$0.00	\$0.00	
Construction	11/2026	\$1,358,000.00	\$0.00	\$1,086,400.00	\$271,600.00	80.00/20.00
Construction Inspection	11/2026	\$204,000.00	\$0.00	\$163,200.00	\$40,800.00	80.00/20.00
Total			\$0.00			

**Justification**

**Justification**

**Purpose for the project (Explain the deficiency of the pavement if this is a pavement project)**

Bridge is in poor condition with superstructure and deck elements requiring a 15 ton weight limit posting. CR 750 W is a two-lane road but the bridge is narrow and signed as a one-lane bridge. Bridge is located in a horizontal curve adjacent to a steep hill to the south, requiring some approach roadway work to tie the proposed bridge into the existing roadway utilizing current design standards.



**Application Information**

**Application ID:** 14017

**Project Type:** New Project

**Application Status:** Submitted to INDOT

**Status Update Date:** 12/03/2021

**Planning Support**

Identified for 2028 replacement per 2021 Bridge Inspection

**Safety Considerations**

Bridge superstructure continues to deteriorate, impacting the allowable weight limit on a roadway subject to heavy farm and school bus traffic. Narrow bridge width and geometry relative to adjacent curve and hill creates both a sight distance and winter safety concern, particularly when two vehicles meet at the bridge.

**Economic Development Impact**

Bridge is located in a very rural area, but replacement is necessary to allow continued use by farm vehicles and equipment due to narrow and curvy alignment of alternative nearby roadways.

**Other Considerations**

N/A

*LPA Financial Commitment Letter: Please use LPA letterhead and upload as an attachment to the application. This letter **MUST** be submitted with the application or the application will be sent back. Please include the following in the letter.*

- Financial Plan for Local Match
- Estimated local contribution by phase and by year
- Commitment of funds availability
- Commitment to the project
- Signed by the Fiduciary body of LPA

**Application Information**

**Application ID:** 14017

**Project Type:** New Project

**Application Status:** Submitted to INDOT

**Status Update Date:** 12/03/2021

**Transportation Alternatives**

**Transportation Alternatives**

**Project Description or Name**

How would you describe the proposed project? Check the most appropriate improvement type(s). Note that sidewalks are NOT for bicycling.

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Sidewalk                    | <input type="checkbox"/> Crosswalk                 | <input type="checkbox"/> On-Road Bike Lane             |
| <input type="checkbox"/> Safe Routes for Non-Drivers | <input type="checkbox"/> ADA Improvements          | <input type="checkbox"/> Separated Shared Use Path     |
| <input type="checkbox"/> Pedestrian or Bike Signal   | <input type="checkbox"/> Traffic Calming Treatment | <input type="checkbox"/> Light or Other Safety Feature |
| <input type="checkbox"/> Other                       | <input type="text"/>                               |  |

**Project's Relationship to the Qualifying Activity Criteria**

How does the project meet one or more of the 11 qualifying activities? Describe how at least one category best describes your project. If the project could fall under more than one activity, describe how the project relates to each applicable activity.

**Project's Relationship to Transportation**

Transportation alternatives are transportation related activities that strengthen the cultural, aesthetic and environmental aspects of the Nation's transportation system. Transportation alternatives activities should improve the transportation experience in and through a community. Describe how this project relates to the surface transportation system (excludes aviation).

Will land be acquired for this phase of the project?

If yes, what is the estimated total acreage of the proposed acquisition?

How much of the proposed project would be developed on the acquired land?

What type of surface is proposed for this facility? Note that some surface types are not suitable for all users. If there is to be more than one surface type, list all types and the length of each surface type.

**Application Information**

**Application ID:** 14017

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Will the project connect to or extend an existing or funded facility of a compatible type?

No

Has your agency previously received federal transportation funds for bicycle or pedestrian projects?

No

If yes, what kind of project was it?

What type of federal transportation funds were used for the project?

When was it funded?

Is this proposed non-motorized facility supported by the State Trails Plan or identified as a Visionary Trail?

No

What local or regional planning documents provide planning support for this project?

Is this project based on an adopted corridor management plan, marketing plan, or interpretive plan for a byway?

No

Is this proposed project associated with a designated State of National Byway?

No

Note: Official endorsement letter(s) from the byway organization must be included with this application.

Who is the indented audience...what group would likely benefit directly from the proposed improvements? Please name the specific facility (school, retirement or nursing home, medical office, senior center, rehabilitation center), if there is one, expected to derive a safety benefit from the proposed improvements.

List other programs available in the area for assisting this group of non-drivers, such as safe kids, hospital safety programs, etc.

**Application Information****Application ID:** 14017**Project Type:** New Project**Application Status:** Submitted to INDOT**Status Update Date:** 12/03/2021**Explain how the proposed improvements coordinate with these existing programs?****Upload Supporting Documents****Attachments**

Document Name	Document Type	Description	Created By	Created On
ADA and Title VI Commitment Letter 2021.pdf	ADA Letter	ADA and Title VI Commitment Letter 2021.pdf	Mastin, Luke	12/03/2021
Johnson Bridge 56 Cost Estimate.pdf	Supporting Document	Johnson Bridge 56 Cost Estimate.pdf	Mastin, Luke	12/03/2021
Bridge 56 Utility Information.pdf	Supporting Document	Bridge 56 Utility Information.pdf	Mastin, Luke	12/03/2021
Johnson Co Bridge 56 Location.pdf	Supporting Document	Johnson Co Bridge 56 Location.pdf	Mastin, Luke	12/03/2021
Johnson Co Bridge 56 Project Limits.pdf	Supporting Document	Johnson Co Bridge 56 Project Limits.pdf	Mastin, Luke	12/03/2021
Bridge 56 Financial Commitment Letter.pdf	Financial Document & Letter	Bridge 56 Financial Commitment Letter.pdf	Mastin, Luke	12/03/2021
Bridge 56 Inspection Report July 2021.pdf	Supporting Document	Bridge 56 Inspection Report July 2021.pdf	Mastin, Luke	12/03/2021



# INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue  
Room N758  
Indianapolis, Indiana 46204

PHONE: (855) 463-6848

**Eric Holcomb, Governor**  
**Michael Smith, Commissioner**

3-15-22

Johnson County Commissioners  
86 W Court Street  
Franklin, IN 46131

RE: Bridge Replacement of Bridge 56 on CR 750 W approximately 600 feet south of W CR 100 N

Congratulations! Your community has been awarded \$1,249,600 in Federal Highway Administration (FHWA) funds for the project listed above for state fiscal year 2027. INDOT will be awarding funding for the other phases of your project at a later date. With these funds, you join Governor Eric Holcomb and the Indiana Department of Transportation (INDOT) as we build and improve Indiana's infrastructure. Please understand that award amounts (not Grants) are contingent upon funding availability through Congressional Appropriations.

The FHWA funds, which are administered by INDOT, may be used for funding up to 80% of the utility, railroad, construction and inspection of your project in FY 2027. This reimbursement funding cannot exceed 80% of the total project cost. In addition, you will be required to submit your 20% match before Notice to proceed will be given to the contractor. If your project is being funded with Safety Funds, your match contribution will be 10%. The awarded amount is the Approved Project Allocation for the project so please keep your project's original scope within its budget. If scope is changed, the funds will be forfeited.

You will be assigned an INDOT LPA Project Manager who will be required to maintain a schedule to demonstrate your willingness to complete your project in a timely manner. The steps to start your project are as follows:

1. Designation Number 2101686 has been assigned by the district to your project.
2. You need to contact your District Program Director to schedule an Early Coordination Meeting within 30 days of receipt of this letter. Brandi Fischvogt is your contact and can be reached at 812-524-3961
3. You are required to maintain a current ERC certification and to submit quarterly reports to the district through the ITAP Local Quarterly Report System reporting progress on the development of your project. If you fail to meet this requirement, your project will be placed on hold until you are current.

Please note that work done, in any phase, without prior FHWA FMIS approval is not eligible for

reimbursement. Anyone who will be utilizing PE funding should be aware that those funds are only available in state fiscal year 2023. If you do not meet this deadline, INDOT will not participate in the PE phase. Getting your early coordination meeting scheduled and RFP posted is critical. Furthermore, any increase in project cost above the apportionment amount must be paid for locally.

Sincerely,

*Kathy Eaton-McKalip*

Director of Local Programs  
Indiana Department of Transportation  
[Kaeaton-mckalip@indot.in.gov](mailto:Kaeaton-mckalip@indot.in.gov)  
317-234-5142



Alignment Looking South (15 Tons) (One Lane Bridge)



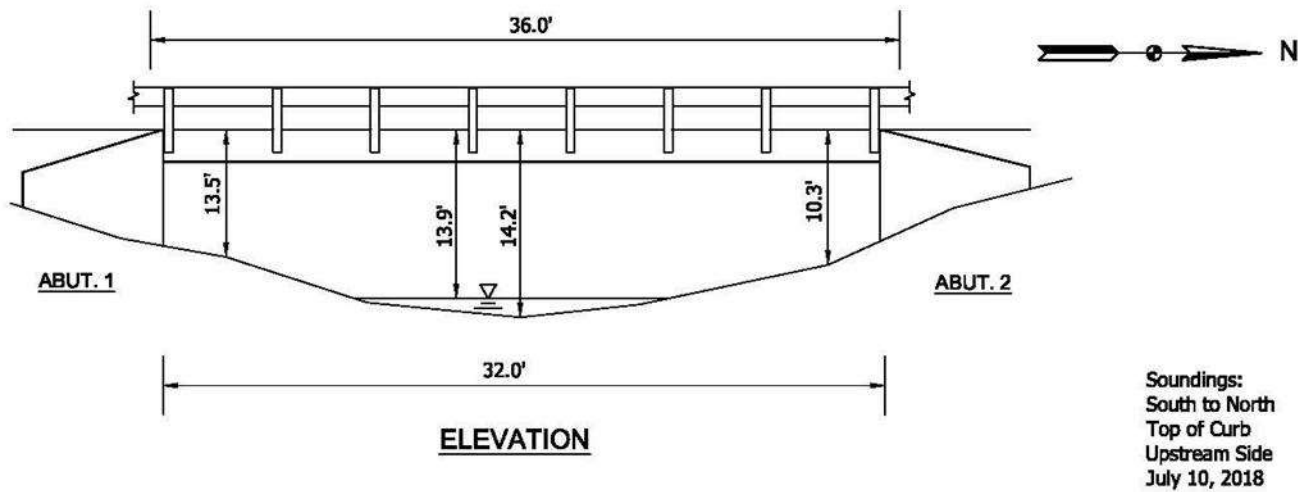
East Elevation



Heavy Bank Erosion (Southeast Corner)



Exposed Steel in Beam 1



**JOHNSON COUNTY - BRIDGE NO. 41-00056**  
 CR 750 WEST over HENDERSON CREEK

Inspector: Jonathan Olson  
Inspection Date: 07/07/2021

Asset Name: 41-00056  
Facility Carried: CR 750 WEST

Bridge Inspection Report

BRIDGE IS POSTED FOR 15 TONS AND ONE LANE BRIDGE.

OVERALL BRIDGE IS IN POOR CONDITION. THE SOUTH FOOTING IS EXPOSED WITH MINIMAL PROTECTION. RIPRAP HAS WASHED OUT AND IS UNDERSIZED. HEAVY BANK EROSION UPSTREAM AT SOUTHEAST CORNER. LONGITUDINAL CRACKING AND LEACHING THROUGHOUT THE BEAMS WITH SOME RUST STAINING. EXPOSED AND RUSTED STEEL IN BEAM WEBS AND BOTTOM OF DECK. BEAMS 1 AND 6 ARE THE WORST. THE SUBSTRUCTURE HAS MINOR VERTICAL CRACKING. THE GUARDRAIL IS RUSTING THROUGH IN PLACES. THERE IS A SCOUR HOLE AND DEBRIS PILE UPSTREAM.

RECOMMEND REPLACING STRUCTURE DUE TO DETERIORATION, HYDRAULIC CAPACITY AND CRITICAL DECK GEOMETRY.

UNTIL REPLACEMENT, RECOMMEND ADDITIONAL LARGER RIPRAP BE PLACED AT BOTH ABUTMENTS. PATCH WEARING SURFACE AT BRIDGE ENDS.



Inspector: Jonathan Olson  
 Inspection Date: 07/07/2021

Asset Name: 41-00056  
 Facility Carried: CR 750 WEST

Bridge Inspection Report

**IDENTIFICATION**

(1) STATE CODE:	185 - Indiana	(12) BASE HIGHWAY NETWORK:	0
(8) STRUCTURE:	4100045	(13A) INVENTORY ROUTE:	
(5 A-B-C-D-E) INV. ROUTE:	1 - 4 - 1 - 00005 - 0	(13B) SUBROUTE NUMBER:	
(2) HIGHWAY AGENCY DISTRICT:	05 - Seymour	(16) LATITUDE:	39.48883
(3) COUNTY CODE:	041 - JOHNSON	(17) LONGITUDE:	-86.24453
(4) PLACE CODE:	00000 - N/A	(98) BORDER	
(6) FEATURES INTERSECTED:	HENDERSON CREEK	A) STATE NAME:	
(7) FACILITY CARRIED:	CR 750 WEST	B) PERCENT	%
(9) LOCATION:	0.10 S OF CR 100 N	(99) BORDER BRIDGE STRUCT. NO:	
(11) MILEPOINT:	0000.000		

**STRUCTURE TYPE AND MATERIAL**

(43) STRUCTURE TYPE, MAIN:		(45) NUMBER OF SPANS IN MAIN 001 UNIT:	
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(46) NUMBER OF APPROACH SPANS:	0000
B) TYPE OF DESIGN/CONSTR:	22 - Channel Beam	(107) DECK STRUCTURE TYPE:	2 - Concrete Precast Panels
(44) STRUCTURE TYPE, APPROACH SPANS:		(108) WEARING SURFACE/PROT SYS:	
A) KIND OF MATERIAL/DESIGN:	0 - Other	A) WEARING SURFACE:	6 - Bituminous
B) TYPE OF DESIGN/CONSTR:	00 - Other	B) DECK MEMBRANE:	0 - None
		C) DECK PROTECTION:	0 - None

**AGE OF SERVICE**

(27) YEAR BUILT:	1935	(28) LANES:	
(106) YEAR RECONSTRUCTED:	1970	A) ON BRIDGE:	02
(42) TYPE OF SERVICE:		B) UNDER BRIDGE:	00
A) ON BRIDGE:	1 - Highway	(29) AVERAGE DAILY TRAFFIC:	000041
B) UNDER BRIDGE:	5 - Water way	(30) YEAR OF AVERAGE DAILY TRAFFIC:	2012
		(109) AVERAGE DAILY TRUCK TRAFFIC:	03 %
		(19) BYPASS DETOUR LENGTH:	002 MI

Inspector: Jonathan Olson  
 Inspection Date: 07/07/2021

Asset Name: 41-00056  
 Facility Carried: CR 750 WEST

Bridge Inspection Report

**GEOMETRIC DATA**

(48) LENGTH OF MAX SPAN: 00032.0 FT	(35) STRUCTURE FLARED: 0 - No flare
(49) STRUCTURE LENGTH: 00036.0 FT	(10) INV RTE, MIN VERT CLEARANCE: 99.99 FT
(50) CURB/SIDEWALK WIDTHS:	(47) TOT HORIZ CLEARANCE: 017.0 FT
A) LEFT 01.0 FT	(53) VERT CLEAR OVER BR RDWY: 99.99 FT
B) RIGHT: 01.0 FT	(54) MIN VERTICAL UNDERCLEARANCE:
(51) BRDG RDWY WIDTH CURB-TO-CURB: 017.0 FT	A) REFERENCE FEATURE: N
(52) DECK WIDTH, OUT-TO-OUT: 019.0 FT	B) MIN VERT UNDERCLEAR: 0 FT
(32) APPROACH ROADWAY 017.0 FT	(55) LATERAL UNDERCLEARANCE RIGHT:
(33) BRIDGE MEDIAN: 0 - No median	A) REFERENCE FEATURE: N
(34) SKEW: 00 DEG	B) MIN LATERAL UNDERCLEAR: 000.0 FT
	(56) MIN LATERAL UNDERCLEAR ON LEFT: 000.0 FT

**INSPECTIONS**

(90) INSPECTION DATE: 07/07/2021	(91) DESIGNATED INSPECTION FREQUENCY: 12 MONTHS
(92) CRITICAL FEATURE INSPECTION:	(93) CRITICAL FEATURE INSPECTION DATE:
A) FRACTURE CRITICAL REQUIRED/FREQUENCY: N	A) FRACTURE CRITICAL DATE:
B) UNDERWATER INSPECTION REQUIRED/FREQUENCY: N	B) UNDERWATER INSP DATE:
C) OTHER SPECIAL INSPECTION REQUIRED/FREQUENCY: N	C) OTHER SPECIAL INSP DATE:

**CONDITION**

(58) DECK: 4 - Poor Condition (advanced deterioration)	(60) SUBSTRUCTURE: 5 - Fair Condition (minor section loss)
(58.01) WEARING SURFACE: 4 - Poor Condition	(61) CHANNEL/CHANNEL PROTECTION: 4 - Protect. severely undermined. sev. damage
(59) SUPERSTRUCTURE: 4 - Poor Condition (advanced deterioration)	(62) CULVERTS: N - Not Applicable

**CONDITION COMMENTS**

(58) DECK: 4 - Poor Condition (advanced deterioration)  
 Comments:  
 SEE SUPERSTRUCTURE COMMENTS.  
 Material:  
 5 - 21" x 45" PRECAST CONCRETE CHANNEL BEAMS

(58.01) WEARING SURFACE: 4 - Poor Condition  
 Comments:  
 VERY UNEVEN WITH POTHOLES AND BUMPS AT ENDS OF BRIDGE. VEGETATION GROWTH ALONG THE SHOULDERS.  
 Material:  
 CHIP & SEAL, 4"

Inspector: Jonathan Olson  
 Inspection Date: 07/07/2021

Asset Name: 41-00056  
 Facility Carried: CR 750 WEST

Bridge Inspection Report

(59) SUPERSTRUCTURE: 4 - Poor Condition (advanced deterioration)

Comments:

LONGITUDINAL CRACKING WITH RUST STAINING. EXPOSED AND RUSTED STEEL IN BEAM WEBS AND BOTTOM OF DECK. BEAMS 1 AND 6 ARE THE WORST.

Material:

5 - 21" x 45" PRECAST CONCRETE CHANNEL BEAMS

(60) SUBSTRUCTURE: 5 - Fair Condition (minor section loss)

Comments:

MINOR VERTICAL CRACKS. SOUTH FOOTING EXPOSED.

Material:

OLD CONCRETE ABUTMENTS

(61) CHANNEL/CHANNEL PROTECTION: 4 - Protect. severely undermined. sev. damage

Comments:

HEAVY EROSION AND UNDERMINE OF UPSTREAM BANK. RIPRAP WASHED INTO CHANNEL. SOUTH FOOTING EXPOSED WITH ONLY MINOR PROTECTION. DEBRIS PILE AND SCOUR HOLE UPSTREAM.

Material:

RIPRAP, CLAY

(62) CULVERTS: N - Not Applicable

Comments:

**LOAD RATING AND POSTING**

(31) DESIGN LOAD:	0 - Unknown	(66) INVENTORY RATING:	36
(70) BRIDGE POSTING	5 - Equal to or above legal loads	(65) INVENTORY RATING METHOD: 1 - Load Factor (LF)	
(41) STRUCTURE OPEN/POSTED/CLOSED:	P - Posted for Load	(66B) INVENTORY RATING (H):	25
(64) OPERATING RATING:	61	(66C) TONS POSTED :	15
(63) OPERATING RATING METHOD:	1 - Load Factor (LF)	(66D) DATE POSTED/CLOSED:	01-APR-03

**APPRAISAL**

SUFFICIENCY RATING:	51.5	(36) TRAFFIC SAFETY FEATURE:	
STATUS:	1	36A) BRIDGE RAILINGS:	0
(67) STRUCTURAL EVALUATION:	4	36B) TRANSITIONS:	0
(68) DECK GEOMETRY:	3	36C) APPROACH GUARDRAIL:	0
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL:	N	36D) APPROACH GUARDRAIL ENDS:	0

(71) WATERWAY ADEQUACY: 6 - Occasional Overtopping of Approaches - Insignificant Delays

Comments:

APPEARS INADEQUATE

(72) APPROACH ROADWAY ALIGNMENT: 3 - Basically intolerable requiring high priority of corrective action

Comments:

IN REVERSE CURVE, ON UPGRADE TO HILL SOUTH, NARROW

Inspector: Jonathan Olson  
 Inspection Date: 07/07/2021

Asset Name: 41-00056  
 Facility Carried: CR 750 WEST

Bridge Inspection Report

(113) SCOUR CRITICAL BRIDGES: 4 - Action is required to protect exposed foundations

Comments:  
 SOUTH FOOTING HAS BEEN EXPOSED BUT HAS NO UNDERMINING.

**CLASSIFICATION**

(20) TOLL:	3 - On Free Road	(21) MAINT. RESPONSIBILITY:	02 - County Highway Agency
(22) OWNER:	02 - County Highway Agency	(26) FUNCTIONAL CLASS OF INVENTORY RTE:	09 - Rural - Local
(37) HISTORICAL SIGNIFICANCE:	5 - Not eligible	(100) STRAHNET HIGHWAY:	Not a STRAHNET route
(101) PARALLEL STRUCTURE:	N - No parallel structure	(102) DIRECTION OF TRAFFIC:	2-way traffic
(103) TEMPORARY STRUCTURE:		(104) HIGHWAY SYSTEM OF INVENTORY ROUTE:	0 - Structure/Route is NOT on NHS
(105) FEDERAL LANDS HIGHWAYS:	0-Not Applicable	(110) DESIGNATED NATIONAL NETWORK:	Inventory route not on network
(112) NBIS BRIDGE LENGTH:	Yes		

**NAVIGATION DATA**

(38) NAVIGATION CONTROL:	0 - No navigation control on waterway (bridge permit not required)	(39) NAVIGATION VERTICAL CLEAR:	000.0 FT
(111) PIER OR ABUTMENT PROTECTION:		(116) MINIMUM NAVIGATION VERT. CLEARANCE, VERT. LIFT BRIDGE:	FT
		(40) NAV HORIZONTAL CLEARANCE:	0000.0 FT

**PROPOSED IMPROVEMENTS**

(75A) TYPE OF WORK:	31 - Replacement - Load/Geometry	(95) ROADWAY IMPROVEMENT COST:	\$ 000650
(75B) WORK DONE BY:	1 - Work to be done by contract	(96) TOTAL PROJECT COST:	\$ 001000
(76) LENGTH OF IMPROVEMENT:	00055.0 FT	(97) YR OF IMPROVEMENT COST EST:	2021
(94) BRIDGE IMPROVEMENT COST:	\$ 000350	(114) FUTURE AVG DAILY TRAFFIC:	000075
		(115) YR OF FUTURE ADT:	2032

PRIORITY SCHEDULE FOR BRIDGE REPLACEMENT, REHABILITATION,  
WIDENING, AND OTHER STRUCTURAL WORK

Bridge Number	Type of Work Proposed	Unofficial Sufficiency Rating	Tons Posted	Status - Structurally Deficient Functionally Obsolete	Average Daily Traffic (ADT)	Routine Inspection Frequency (Months)	Est. Bridge Cost (x \$1K)	Est. Total Cost (x \$1K)	Year of Work
41-00605	35 - Rehabilitation - Deterioration	30.2	5	1 - SD	600	12	700	950	2022
41-00136	31 - Replacement - Load/Geometry	31.8	20	1 - SD	5517	12	350	560	2023
41-00085	31 - Replacement - Load/Geometry	38.1	20	1 - SD	6805	12	400	800	2023
41-00084	31 - Replacement - Load/Geometry	47.5		1 - SD	6401	12	300	600	2024
41-00103	31 - Replacement - Load/Geometry	40.3	15	1 - SD	1950	12	250	450	2024
41-00098	35 - Rehabilitation - Deterioration	37.9	14	1 - SD	254	12	600	900	2025
41-00066	35 - Rehabilitation - Deterioration	40.2	15	1 - SD	331	12	275	500	2025
41-00137	35 - Rehabilitation - Deterioration	41.2	25	1 - SD	2061	12	200	400	2026
41-00602	31 - Replacement - Load/Geometry	43.1	30	1 - SD	18020	12	900	1300	2026
41-00113	31 - Replacement - Load/Geometry	51.2	25	2 - FO	1950	24	250	400	2027
41-00071	31 - Replacement - Load/Geometry	49.7	25	1 - SD	363	12	300	550	2027
41-00063	31 - Replacement - Load/Geometry	54.5	30	1 - SD	102	12	500	900	2027
41-00056	31 - Replacement - Load/Geometry	51.5	15	1 - SD	41	12	350	1000	2028
41-00036	35 - Rehabilitation - Deterioration	49.9		1 - SD	275	12	450	650	2029
41-00038	35 - Rehabilitation - Deterioration	61.9		1 - SD	527	12	950	1300	2030
41-00157	31 - Replacement - Load/Geometry	57.3	20	1 - SD	100	12	250	400	2031
41-00109	31 - Replacement - Load/Geometry	62.1	20	1 - SD	65	12	250	425	2031
41-00148	31 - Replacement - Load/Geometry	58.6	25	2 - FO	1490	24	300	450	2031
41-00206	31 - Replacement - Load/Geometry	49.6	10	0 - ND	1232	24	150	300	2031
41-00031	35 - Rehabilitation - Deterioration	62		1 - SD	380	12	850	1150	2032
41-00078	35 - Rehabilitation - Deterioration	62.3	20	0 - ND	2075	24	200	300	2033
41-00100	31 - Replacement - Load/Geometry	64.5		0 - ND	906	24	200	400	2033
41-00093	35 - Rehabilitation - Deterioration	65.3		0 - ND	3040	24	175	275	2033
41-00153	31 - Replacement - Load/Geometry	66.8		2 - FO	2075	24	325	500	2034
41-00160	35 - Rehabilitation - Deterioration	72.6		0 - ND	815	24	350	400	2034

Total Bridges: 25