



## HWY 10 Structure Repair 4 miles East of ND 18 over Swan Creek between Mapleton and Casselton

Project No. SS-8-999(053), PCN 23774

NORTH  
**Dakota** | Transportation  
Be Legendary.

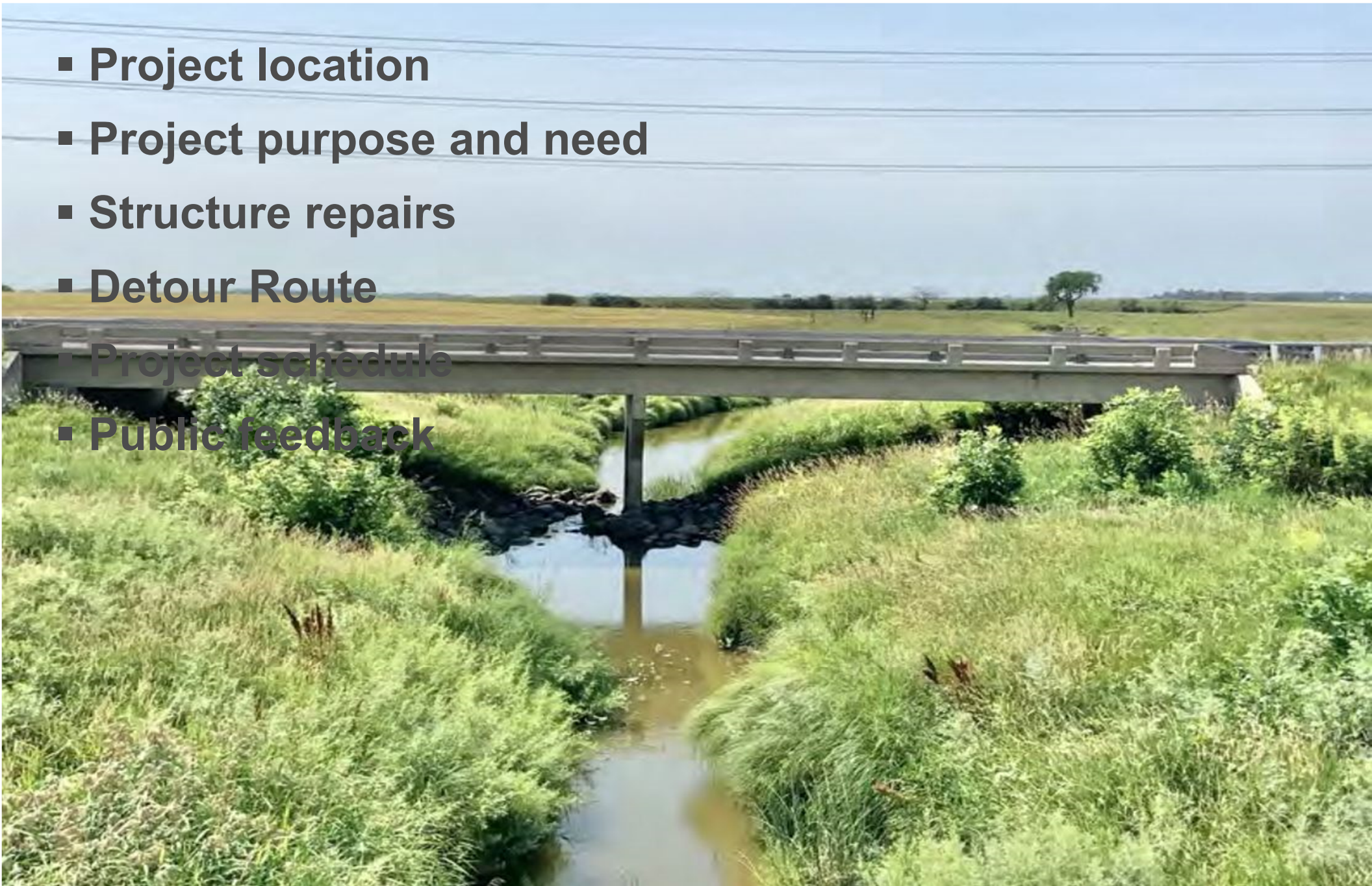




# Presentation Agenda



- **Project location**
- **Project purpose and need**
- **Structure repairs**
- **Detour Route**
- **Project schedule**
- **Public feedback**





- Social Media
- Virtual Public Input Meeting  
Virtual Meeting(1/25/24)

**HWY 10 Structure Repair**  
4 miles east of ND 18 over Swan Creek between Mapleton and Casselton  
Cass County, ND



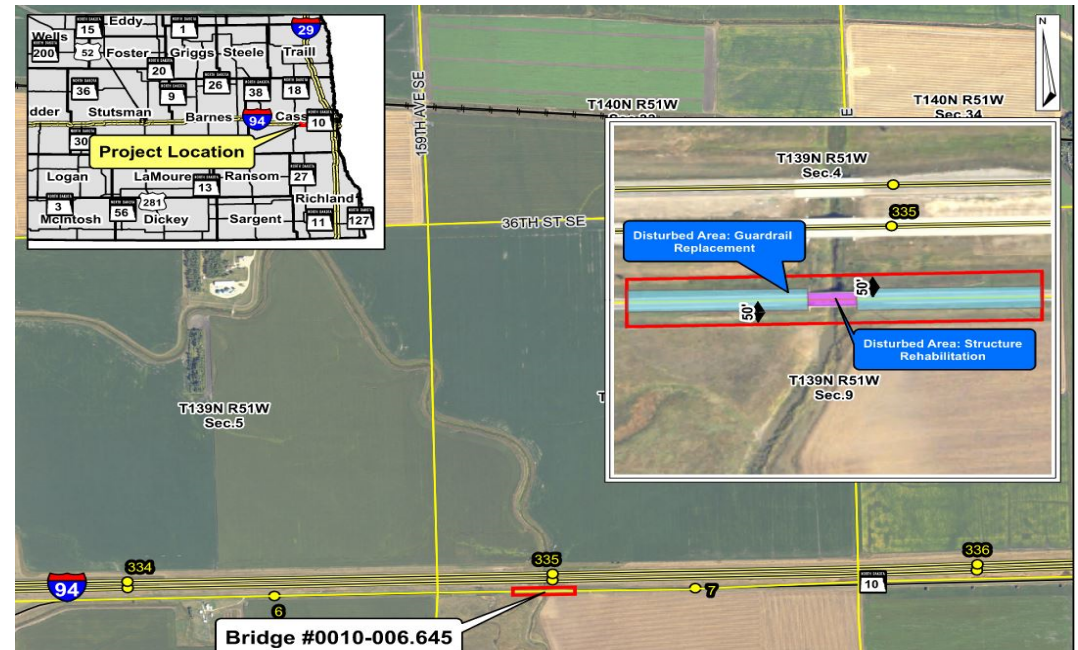
**Virtual Public Input Meeting**

January 25, 2024  
4:30 p.m. – 6:30 p.m.

[www.dot.nd.gov](http://www.dot.nd.gov)  
News & Events >  
Public Input Meetings

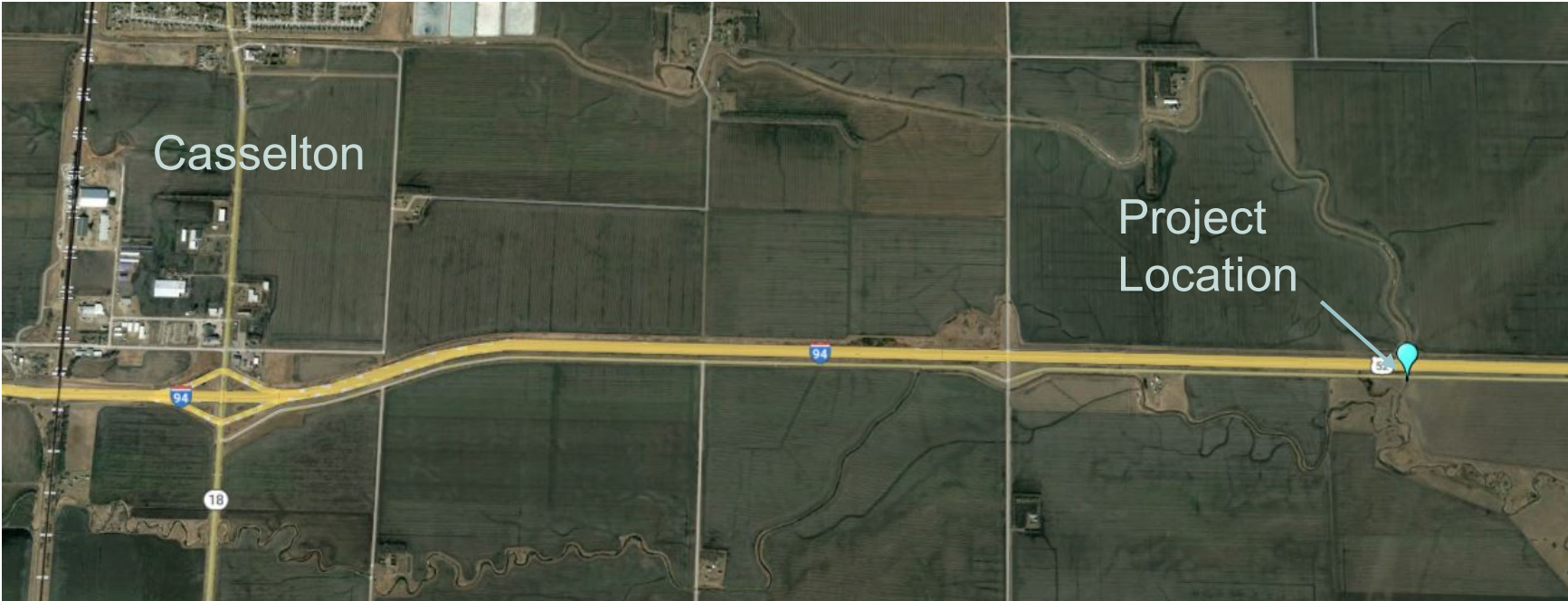
 **Dakota** | Transportation  
*Be Legendary.*

 **HOUSTON**  
engineering, inc.





# Project Location





## Project Purpose

- Reestablish the bridge structural integrity
- Increase lifespan of the bridge
- Improve Safety



## Project Need

- Original construction 1959– Riprap placed in 1983– Rail Retrofit in 1993
- Deck exhibits spalling and patching
- Abutment spalling
- Significant undermining of the existing abutments with exposed piling
- Rail Retrofit does not meet design standards
- Outdated Guardrail





# Deck Overlay and Rail Retrofit



- Deck Overlay –
  - Tie-in to existing roadway off the ends of the bridge
- Rail Retrofit
  - Existing Rail Retrofit does not meet current design standards





# Guardrail Replacement



- Guardrail Replacement
  - Existing Guardrail does not meet current design standards





# Abutment Repairs



- Erosion and Undermining Repairs
  - Exposed Piling under both abutments
  - Foam Injection
- Spall Repairs





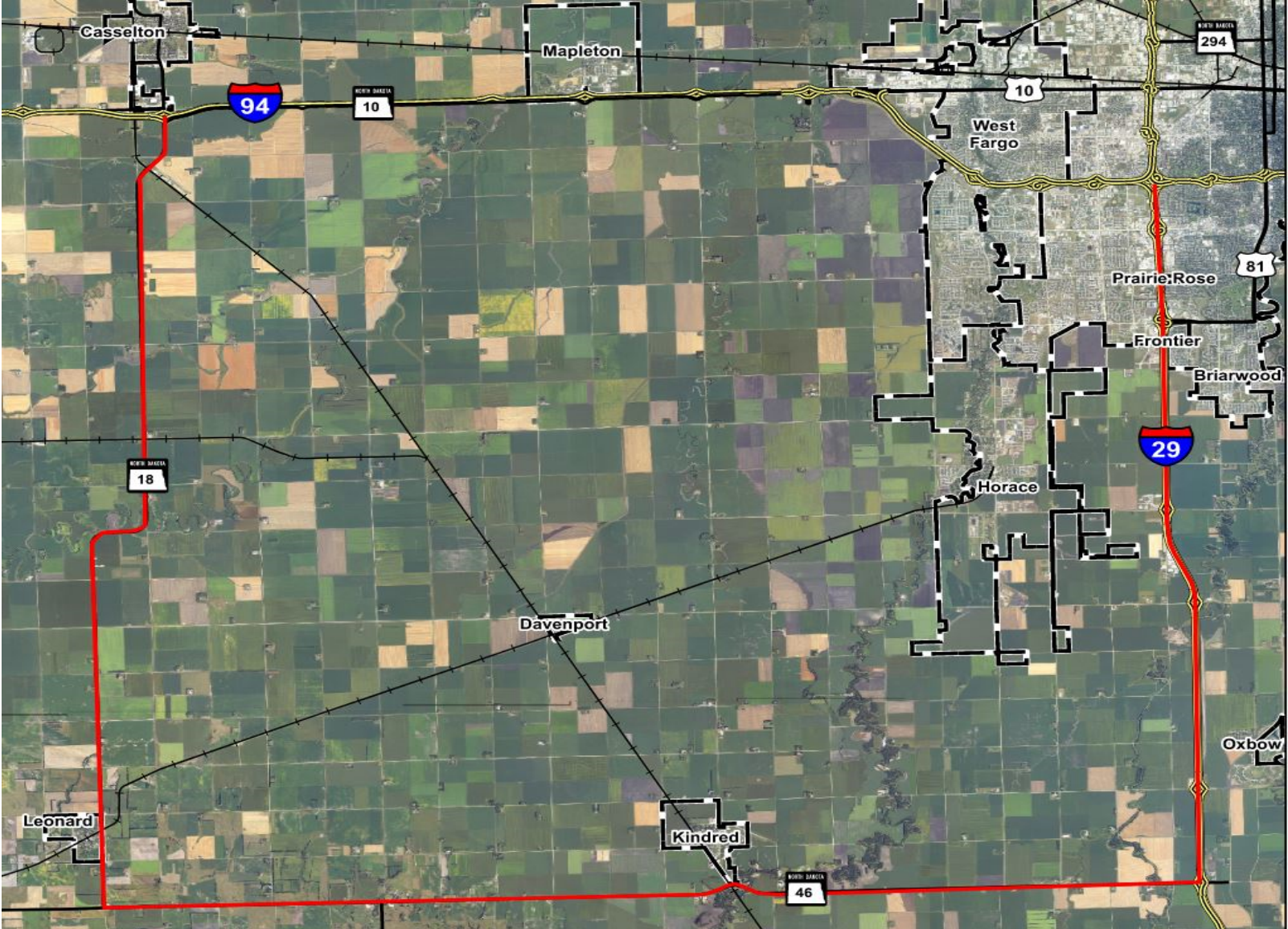
# Over-Height Detour Route



Road Closure



Over-Height Detour Route





# Project Schedule



**Phase I & Phase II**  
Preliminary Design & Environmental Document

**Phase III**  
Final Design & Utility Coordination

**Phase IV**  
Construction

2023

**Project Start**  
October 2023

**Field Review**  
Fall 2023

**Project Survey**  
Fall 2023

2024

**Public Input Meeting** ★ **We Are Here**  
Winter 2024

**Environmental Approval**  
Spring 2024

**Project Bid Ready**  
Summer 2024

2025

**Construction**  
\*Spring - Fall 2025

*\*Note: 2025 dates are tentative and subject to change*



# Public Feedback Comments or Questions



## Public Involvement:

- *We value your input regarding the proposed project improvements*
- *All comments, questions, or recommendations are welcome*
- *All project specific comments will be addressed in the environmental review for this project*

## Mail written comments to:

*Houston Engineering, Inc.  
Attn: Luke Beckermann  
1401 21<sup>st</sup> Ave. N.  
Fargo, ND 58102*

## Email comments to:

*[lbeckermann@houstoneng.com](mailto:lbeckermann@houstoneng.com)  
Email Subject: “**Public Input Meeting**”*

## Project Website:

*Scan the QR Code for the project website and provide feedback on the comment card*



*All comments must be postmarked or emailed by **February 9, 2024***



# Public Participation Survey



## Attachments

**Files:**

**NDDOT TITLE VI PUBLIC PARTICIPATION SURVEY**  
 North Dakota Department of Transportation, Civil Rights  
 SFN 60149 (3-2022)

**PLEASE USE DARK INK AND PRINT CLEARLY**

The Civil Rights Act of 1964 and related nondiscrimination authorities require the North Dakota Department of Transportation to ensure everyone has the opportunity to comment on the transportation programs and activities that may affect their community.

To help with that, we ask that you respond to the following questions. You are not required to disclose the information requested in order to participate. Any information provided to the NDDOT will be retained solely for the purpose of collecting statistical data to ensure inclusion of all segments of the population affected by transportation programs and activities.

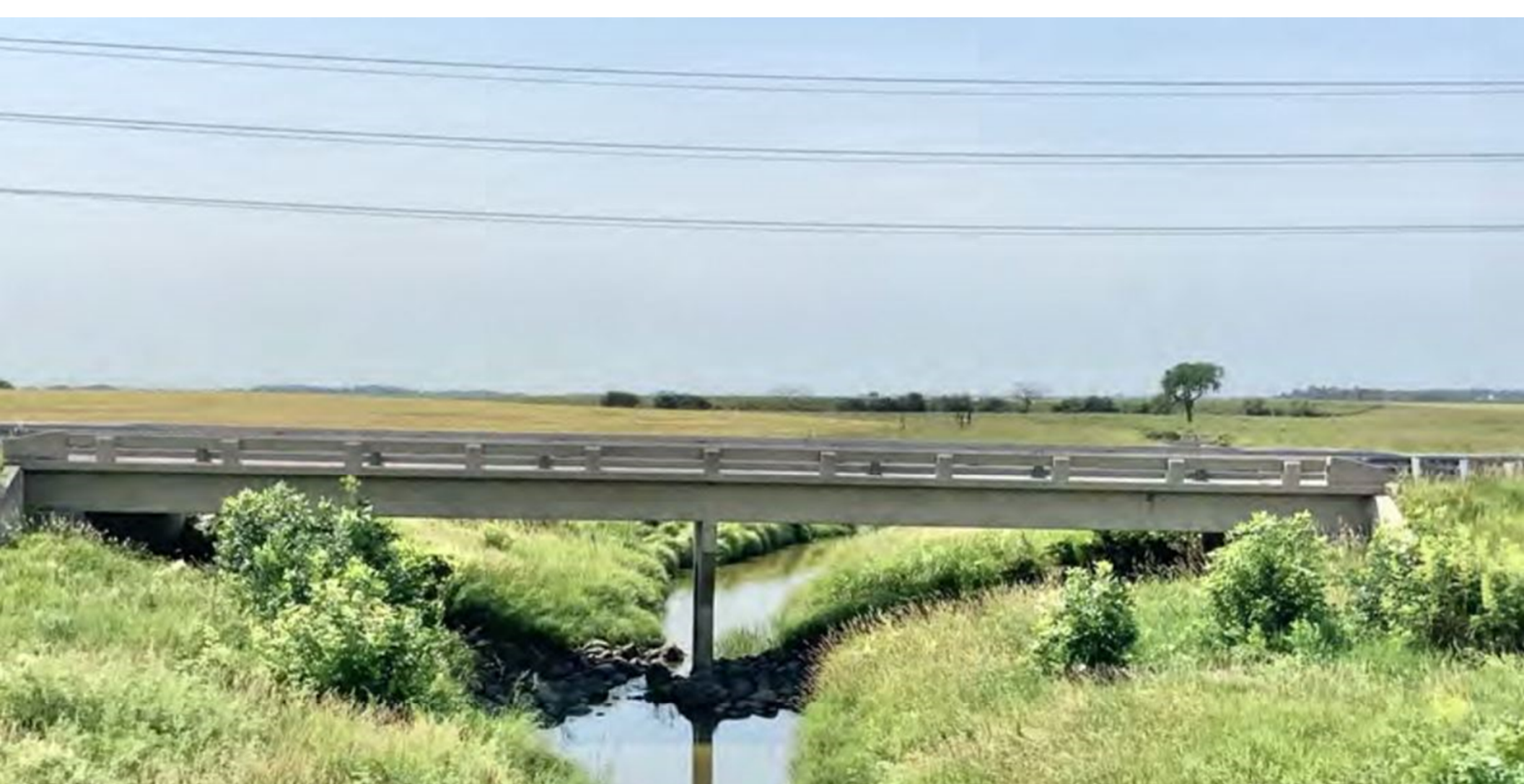
<b>Sex:</b> <input type="checkbox"/> Female <input type="checkbox"/> Male <input type="checkbox"/> _____	<b>Disability:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>Age:</b> <input type="checkbox"/> Under 18 <input type="checkbox"/> 18-40 <input type="checkbox"/> 41-65 <input type="checkbox"/> 65+				
<b>Race:</b>				
<input type="checkbox"/> White <input type="checkbox"/> Asian	<input type="checkbox"/> American Indian/Alaskan Native			
<input type="checkbox"/> Native Hawaiian/Other Pacific Islander	<input type="checkbox"/> _____			
<input type="checkbox"/> Hispanic or Latino				
<input type="checkbox"/> Black/African American				
<b>Language Most Frequently Spoken in your Home:</b>				
<input type="checkbox"/> Spanish <input type="checkbox"/> Vietnamese <input type="checkbox"/> Japanese				
<input type="checkbox"/> German <input type="checkbox"/> Arabic <input type="checkbox"/> Other Slavic Language				
<input type="checkbox"/> Other African Language <input type="checkbox"/> Russian <input type="checkbox"/> English				
<input type="checkbox"/> Chinese <input type="checkbox"/> Other India Language <input type="checkbox"/> _____				
<b>Do you receive public assistance?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No				
<b>How did you hear about this event?</b>				
<input type="checkbox"/> Internet <input type="checkbox"/> NDDOT Contact <input type="checkbox"/> Television				
<input type="checkbox"/> Radio <input type="checkbox"/> Newspaper <input type="checkbox"/> Advocacy Group				
<input type="checkbox"/> Mailing <input type="checkbox"/> Social Service Agency <input type="checkbox"/> _____				
<b>For Office Use Only</b>				
Event Date (MM/DD/YYYY) 0 1 / 2 5 / 2 0 2 4	City 0 3 6	County 0 9	Div/Dist Number 2 5	PCN 2 3 7 7 4
<b>MPO:</b> <input type="checkbox"/> Bismarck-Mandan <input type="checkbox"/> Fargo-Moorhead Metro COG <input type="checkbox"/> Grand Forks-East Grand Forks	<b>ROW:</b> <input type="checkbox"/> Negotiation <input type="checkbox"/> Relocation	<b>Subrecipient:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

\*After you have completed this form, please place it in the designated location.



**Mail completed form to:**  
**Houston Engineering, Inc.**  
**Attn: Luke Beckermann**  
**1401 21<sup>st</sup> Ave. N.**  
**Fargo, ND 58102**





**Thank You!**

NORTH  
**Dakota** | Transportation  
Be Legendary.

