



# Virtual Conference Meeting Etiquette

- *Connect to the room early and become familiar with the camera, microphone and computer settings to ensure you have full access*
- *Open up the Chat window in your meeting software*
- *Place your computer microphone on mute during the presentation to avoid feedback and echo's*
- *Use your computer for viewing the presentation and listening to the presentation*
- *Say your name prior to speaking*
- *Avoid shuffling papers, eating, typing, or creating other noises that can be disruptive while unmuted*
- *Try not to interrupt or speak over others*
- *If you are connected via telephone do not place your phone on hold. This may result in music playing in the background*
- *Please place your cell phone on mute when not speaking*
- *Remember to unmute your phone when speaking*
- *Use a headset or be close to the microphone when speaking*
- *Use the Chat window to ask questions anytime throughout the presentation. Questions will be addressed at the end of the presentation.*



**COLORADO**

Department of Transportation

# 23010/23014 Eastern Plains Timber Replacement Project Specific Information Meeting

May 21, 2020





# Project Team

Project Manager - Craig Schumacher  
Resident Engineer - Jeff Dollerschell  
Consultant Project Manager - Gary Maji  
Construction Project Manager - TBD  
Bridge Enterprise - Patrick Holinda

## Design Team

- AECOM
- Ayers and Associates
  - CDOT
  - Muller
- San Engineering

## CM/GC

- TBD



# Project Background

Structures to be Replaced	Existing Bridge Length (ft)
F-19-E	82
F-20-L	39
F-20-J	58
G-21-A	93.5
C-22-K	58
D-24-O	24.5
D-25-E	91.25
034B206492BR	18
D-28-C	69.25
D-28-D	117



# Location Map

## 10 Structures:

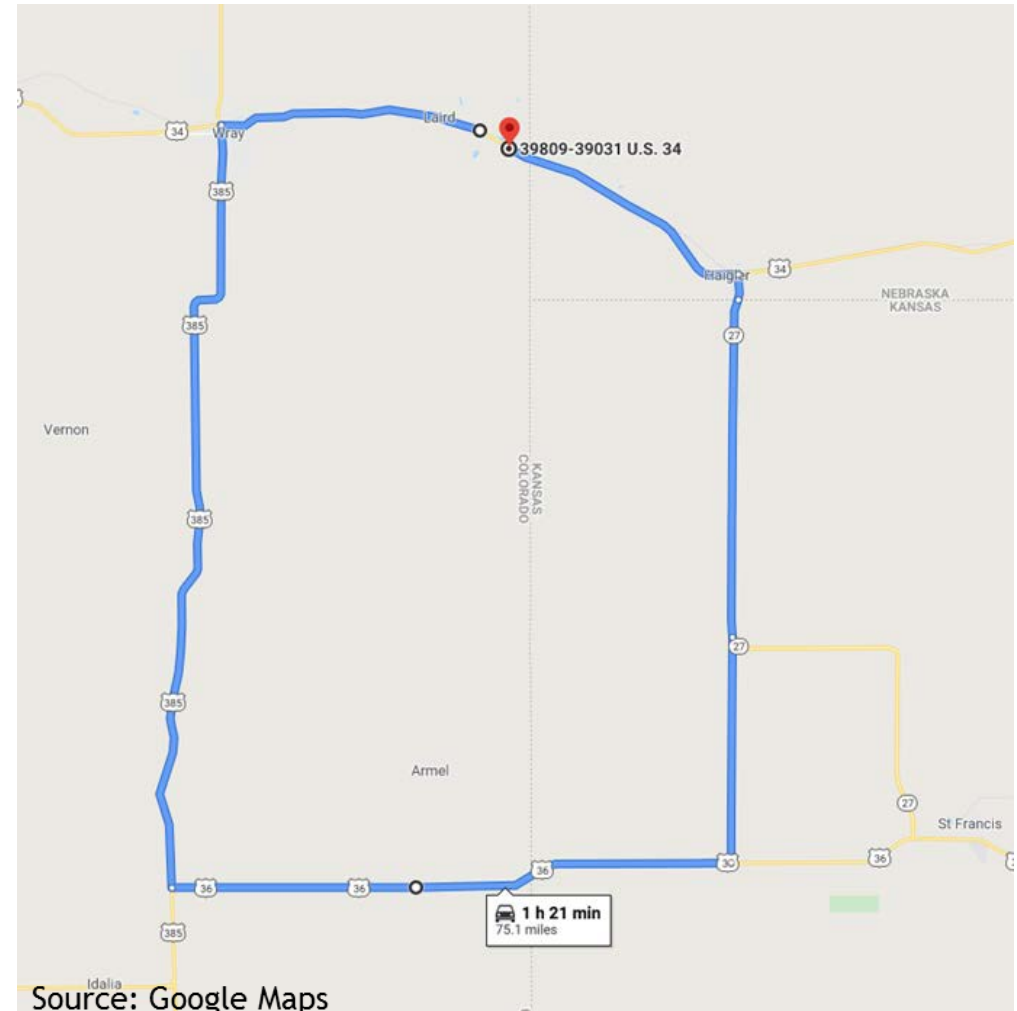
- I-70 Frontage Road (4 structures)
- US6 (C-22-K)
- US34 corridor



# Traffic Impact

- “Official” detour routes are very long
- Limit the duration of required detour

Structure	Detour Length (miles)
D-24-O	86
D-25-E	86
034B206492BR	86
D-28-C	75
D-28-D	75





# Bridge Bundling and ABC

- Use bridge bundling (phasing and construction packaging) to take advantage of efficiencies and reduce cost
  - Repetitive detailing
  - Precast elements
- Use ABC to reduce construction schedule and cost
  - Eliminate shoofly detours at all locations







# Project Goals

- replace structures F-19-E, F-20-L, F-20-J, G-21-A, C-22-K, D-24-O, D-25-E, 034B206492BR, D-28-C, and D-28-D;
- pursue and investigate innovative construction methodologies (i.e. maximizing precast components, using slide-in-bridge construction, etc.) to limit the impacts to the traveling public as much as practicable;
- identify design/construction efficiencies that streamline project development and provide long-term solutions (i.e. integral abutment designs, repetitive detailing, etc.);
- create construction packages to reduce construction schedule and cost;
- a targeted start of construction in the Spring of 2021;
- all construction packages completed within two construction seasons; and
- provide a structure that minimizes life cycle maintenance requirements.





# Why CM/GC?

- allows contractor input during the design phase;
- real time advice on means and methods;
- allows for cost and material availability input;
- optimizes the construction schedule, use of one-lane road closures, and duration of complete road closures;
- optimizes the amount of details that can be repeated between structures;





# Notable Project Constraints

- Maximize project scope in construction packages to match available fiscal funding.
- Some construction materials may not be available in winter;
- Groundwater and surface water (spring runoff) will affect construction/schedule;
- C-22-K lateral (ditch) coordination (schedule);
- Railroad ROW (avoid easements);
- Floodplain permitting requirements;
- Harvest seasons (schedule).

- Goal is to get CM procurement in a timely manner so contractor can have early input without delay to the design phase
- Preliminary Design Investigations will be complete by NTP. These include:
  - Survey including project controls
  - Utility Level B survey
  - Geotechnical Investigations
  - Hydraulic Investigations
  - Roadway investigations (Existing alignment and profile)



Figure 5: Existing structure G-21-A 100-year depth





# Procurement Schedule

Phase/ Description	Date*	Time
<b>Public Notice Phase</b>		
Advertisement/Notification of Request for Letters of Interest	5/7/2020	
Project Specific Info Meeting for Contractors (Optional)	5/21/2020	10:00am
<b>Submittal of Letters of Interest (Mandatory)</b>	6/4/2020	10:00am
First Advertisement of RFP	6/11/2020	
One-on-One Briefings (Optional)	6/23/2020	TBD
Final RFP Questions or Comments Due	7/2/2020	

\*Dates are subject to change



# Procurement Schedule Continued

Phase/ Description	Date*	Time
<b>Short List Phase</b>		
Submittal of Proposal (Electronic)	7/16/2020	10:00am
Short Listing Selection Panel Meeting	8/6/2020	
Short List Approval	8/10/2020	
Notification of Short List Candidates	8/14/2020	
<b>Selection Phase</b>		
Selection Panel Meetings (Interviews)	9/4/2020	TBD
CMGC Management Price Percentage Proposals Submitted	9/4/2020	
Chief Engineer Selection Approval	9/8/2020	
Contractor Notification	9/9/2020	
Contract Execution/NTP	10/13/2020	

\*Dates are subject to change



# Next Steps

- LOIs must be received by CDOT no later than June 4, 2020, 10:00 AM. Submitting an LOI is mandatory in order for potential proposers to submit a proposal. LOIs should be sent by email to the CDOT Project Manager listed below.
- <https://www.codot.gov/business/designsupport/adp-db-cmgc/opportunities/cm-gc-solicitations-active/23010-23014-eastern-plains-timber-bridge-replacement>
- Potential proposers will have a separate opportunity to meet with CDOT in an optional, confidential one-on-one meeting after the RFP is issued.
- CDOT Project Website: <https://www.codot.gov/projects/eastern-timber-bridge-replacement>
- CDOT Project Manager:  
Craig Schumacher, PE  
Eastern Plains Timber Replacement, Project Manager  
Project SA No. 23010/23014  
Email: craig.schumacher@state.co.us





**Open Group Project Specific Question and Answers  
Date: 5/21/2020 Start Time 10:00 AM End Time 10:35 AM**

**Attendance:**

Contractors:

Bryce Janes (Ralph Wadsworth), Cody Patterson (Scott Contracting), Jeromy Weiss (Zak Dirt), Jody Randall (American Civil Constructors), Marc Bliven (Hamilton Construction Co.), Mike Metcalf, Tyler Clyde (Scott Contracting), Jim Thomsen, Robert Tudor (Flatiron Constructors), Rachel Sharp (Graham), Lee Adams (Ralph Wadsworth), Christopher Maunder (Kiewit), Dan Lowry, Tom Evered (Hamon Infrastructure)

CDOT/Consultant Design Team:

Roberta Lopez (CDOT Contracting), Scott Huson (CDOT Staff Bridge), Rhianna Poss (CDOT RE Limon), James Usher (CDOT R4 N. Program Engineer), Maegan Vause (AECOM), Patrick Holinda (Bridge Enterprise), Gary Maji (AECOM), Ryan Abraham (AECOM), Jeff Dollerschell (CDOT RE Sterling), Craig Schumacher (CDOT PE Sterling)

**Questions and Answers:**

Question: What will the process be for requesting the one-on-one meetings?

Answer: Instructions will be provided in the Request for Proposal. The process will be similar to the process for requesting admittance to this meeting.

Question: What time duration will be given for the one-on-one meetings?

Answer: Each one-on-one meeting will be scheduled for a 50-minute duration at the longest, scheduled on the hour. CDOT is planning to hold all of the meetings on one day, depending on the number of requests.

Question: Will the one-on-one meetings be virtual?

Answer: Yes, the one-on-one meetings will be held virtually, instructions for an invite will be provide in the Request for Proposal.



Question: Will interviews be a part of this project?

Answer: Yes, interviews will be held for those teams that make it to the short list. Once the evaluation team determines the top three scoring teams, those top three teams will comprise the short list and will be invited to an interview.

CDOT Comment: The process for the one-on-one meetings are a little different for this project. The meetings are confidential to allow teams to ask CDOT questions and discuss innovations, and will be held after the RFP is issued. These one-on-one meetings are not scored.