

Constructability Reviews

Zach Davis, VE/ Project Risk Engineer - ODOT
Larry Gescher, President - HP Civil Inc.

Date: February 3, 2023



What is a Contractor Constructability Review (CCR) process?



CCR 1:1 Format

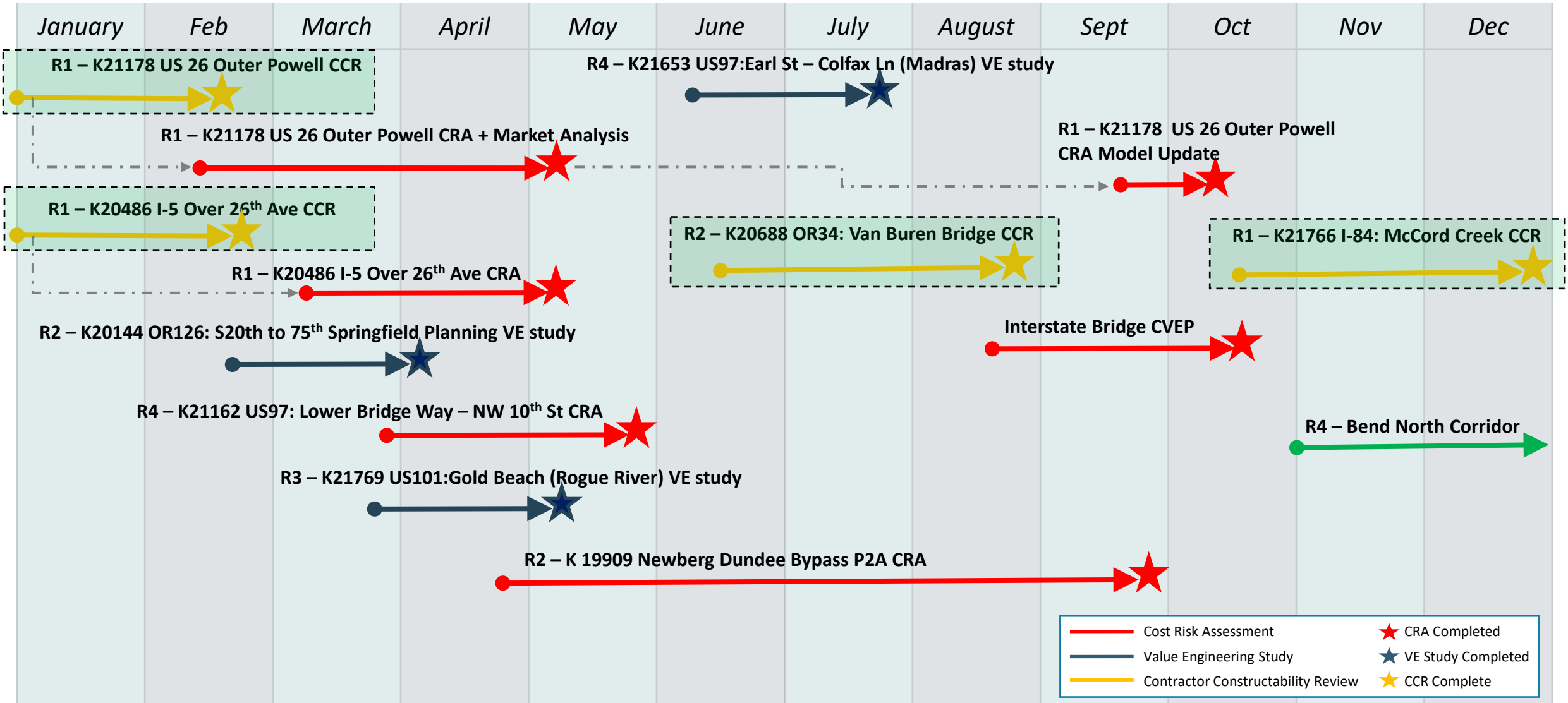
1:1 sessions include:

- 8-10 questions to contractors
- Contractor representatives
- Members of the design team
- The Resident Engineer
- Constructability Review Program Staff
- Productive conflict is welcomed

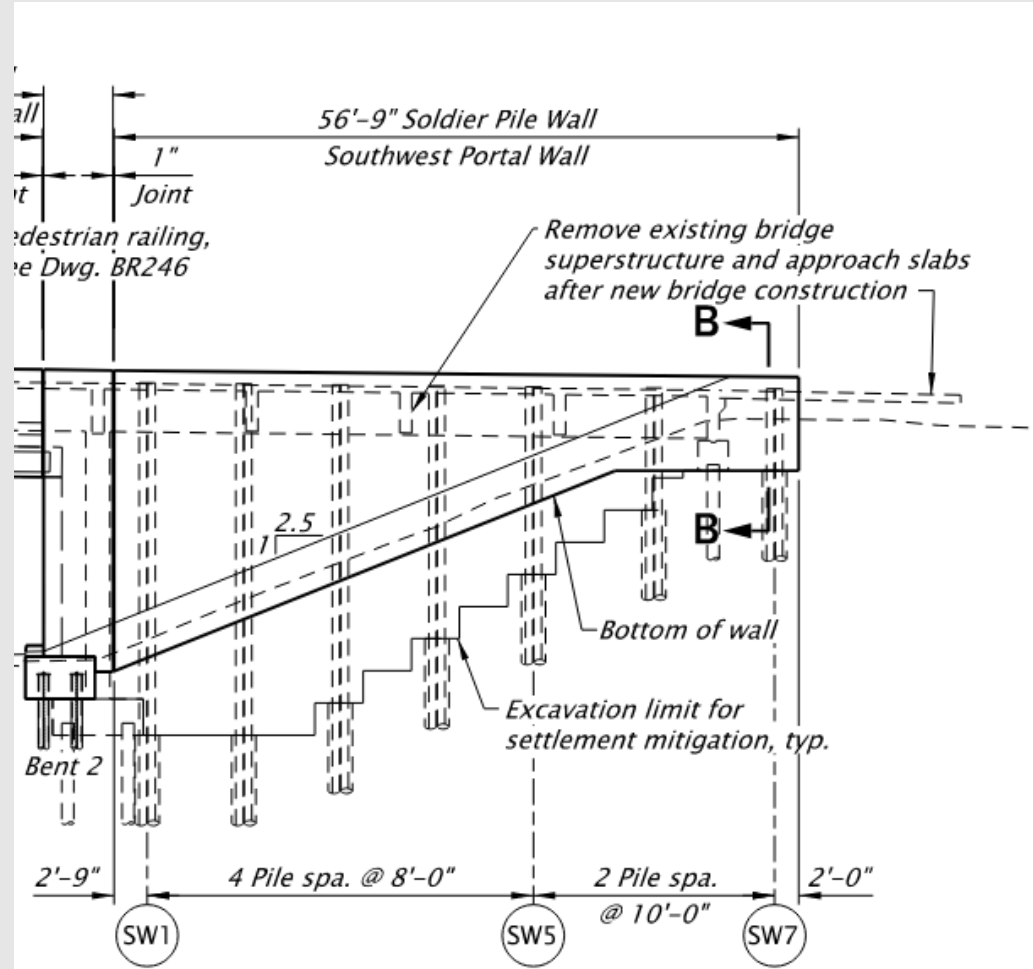




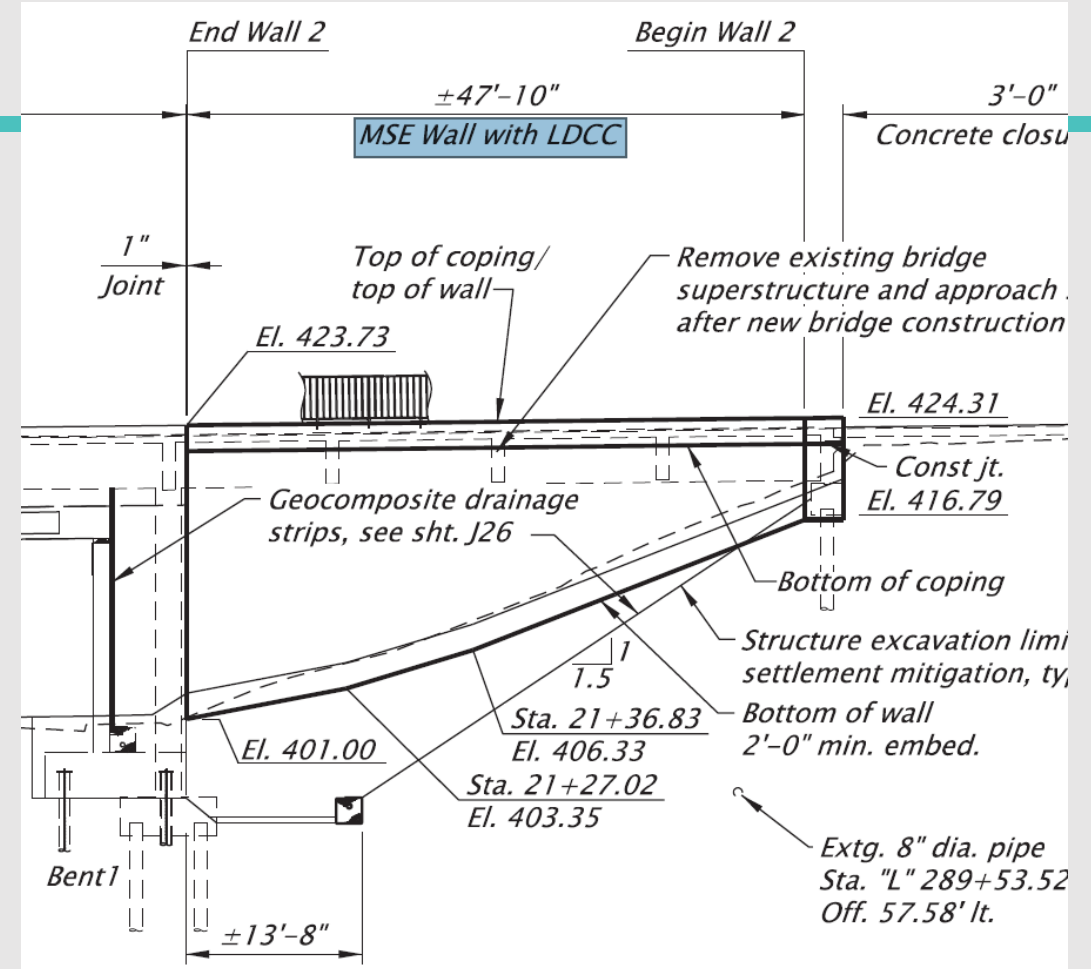
2022



How was feedback used?



Pre-Constructability Review

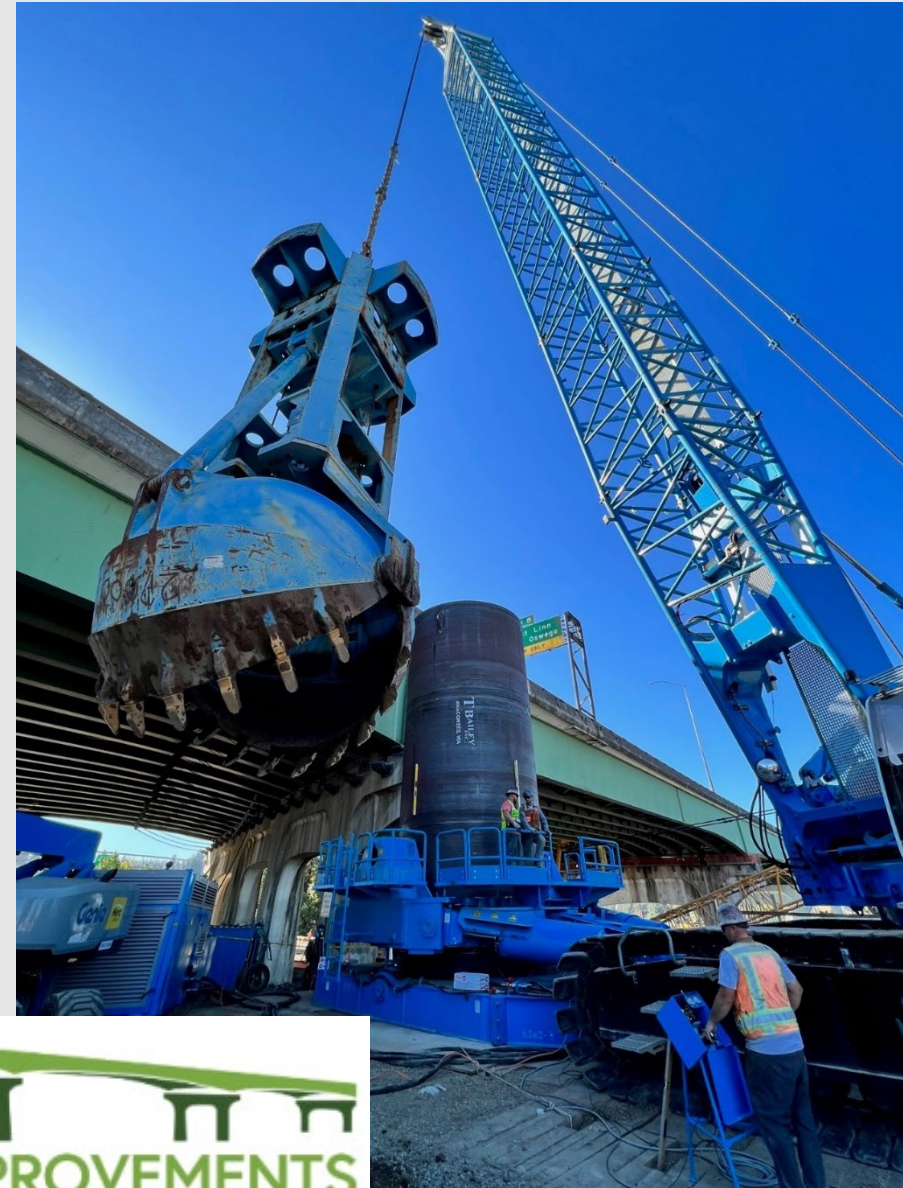


Bid Documents

Added Value of the CCR to DBB

- Improved public and construction safety.
- Improved project quality
- Improved risk management
- Reduced project schedules and cost.
- Improved performance of traffic control.
- Reduced change/extra work orders and decreased disputes.
- Improved partnership with ODOT/AGC

$$\text{Value} = \frac{\text{Performance}}{\text{Cost} + \text{Time} + \text{Risk}}$$



Contractor Perspective of CRR

- Why should Contractors participate?
- What's the time commitment?
- Will ODOT listen?



Future constructability Review's

Projects that are targeted for CCR:

- Gold Beach Cathodic Protection
- I-205 Phase 2
- US97: Earl St. - Colfax Lane (Madras)
- OR 22 Center Street Bridge

Concepts are being evaluated for CCR:

- Accelerated Bridge Construction
- Full Depth Reclamation
- Changes to Standards
- CRP program improvements

Good Idea's or feedback:

constructability@odot.oregon.gov





Questions?

Zach Davis



971-372-1958



Larry Gescher



971-304-5653

