Glendive District

Bridge Preservation

Stakeholder Meeting

March 1, 2021
Project Team

- Montana Department of Transportation (MDT)
  - Shane Mintz - MDT Glendive District Administrator
  - Ben Schendel, PE - MDT Consultant Design Engineer
- TD&H Engineering
  - Loran Frazier, PE - Principal in Charge
  - Brady Lassila, PE - Project Manager
  - Kevin McCray, PE - Bridge Engineer
- Strategies 360
  - Aly Russell - Public Involvement
Project Overview

- Rehabilitate 11 bridges in SW Montana
- Bridges are aging and in need of repairs and routine upkeep
- They are safe to drive on, but important to perform repairs to keep them safe and functional
- Construction as early as 2022
Project Overview

- Primarily a low-impact project to the traveling public
- Two lane highway traffic control
- Forsyth Interchange I-94 traffic control
- Colstrip Interchange traffic control
Colstrip Interchange Bridge

- Bridge Deck Needs Replacement

- Option 1 - Close Bridge During Construction
  - No traffic on bridge over I-94
  - Detours
  - Maintain emergency access
  - Construction lasts about 2-3 months
Colstrip Interchange Bridge Detours

Colstrip to Forsyth
Turn onto I-94
No Detour
Colstrip Interchange Bridge Detours

- Colstrip to Billings
  - Turn Exit onto I-94
  - Drive to Forsyth
  - U-Turn at Exit 93
  - 12 Mile Detour
Colstrip Interchange Bridge Detours

- Forsyth to Colstrip
  - Drive Past Colstrip Interchange to Reservation Creek Road Interchange
  - U-Turn at Exit 82
  - 12 Mile Detour
Colstrip Interchange Bridge Detours

Billings to Colstrip
Turn onto MT-39
No Detour
Colstrip Interchange Bridge Detours

Access to Old Highway 10
(State Secondary Route 311)
From Reservation Creek Road

Access to Old Highway 10
(State Secondary Route 311)
From Forsyth

Access to Old Highway 10
(State Secondary Route 311)
From WB I-94 Exit at Colstrip Interchange
Colstrip Interchange Bridge Detours
Colstrip Interchange Bridge

- Bridge Deck Needs Replacement

- Option 2 - Phase Construction to Leave 1 Lane of Traffic Open
  - Alternating 1-way traffic over I-94
  - Width restrictions (10.5 to 11.5 - ft wide lane)
  - Maintain emergency access
  - Construction lasts about 4-5 months
Colstrip Interchange Bridge - Phased Construction
Colstrip Interchange Bridge Comparison

- **Option 1 - Bridge Closure**
  - 2-3 months construction
  - Lower cost
  - Detours
  - Emergency access

- **Option 2 - Phased Construction**
  - 4-5 months construction
  - Higher cost
  - 1 lane with width restrictions
  - Emergency access
Keep Up with Our Progress

Project Website

- https://www.mdt.mt.gov/pubinvolve/glendivebridges/
Questions? We are here for you.

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