



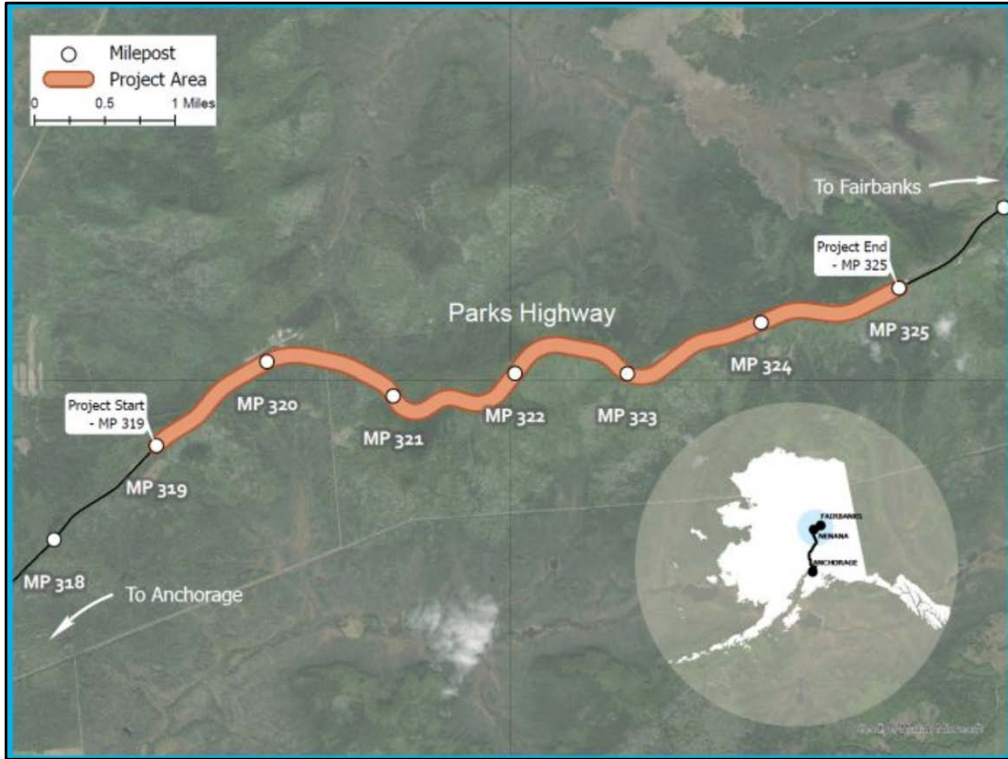
**Alaska Department of
Transportation & Public Facilities**
Construction Manager / General Contractor:
Parks Highway MP 319-325 Reconstruction
and
Old Steese Highway Reconstruction
Presented by DOT&PF and Michael Baker International
June 30, 2022

Our mission is to *Keep Alaska Moving* through service and infrastructure.



Parks Highway MP 319-325 Reconstruction Overview





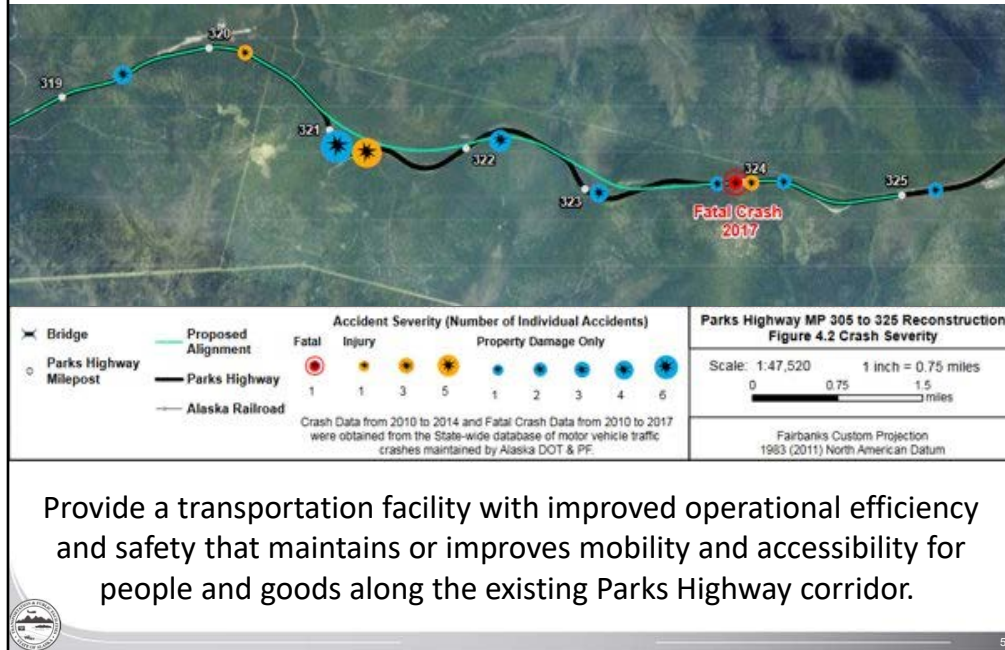
Scope



This project proposes to reconstruct the Parks Highway between MP 319 and MP 325 including:

- Improvements to **deficient roadway geometry such as flattening curves** and grades,
- Constructing **new passing lanes** and upgrading existing passing and **truck climb** lanes to meet current design standards,
- **Improving drainage** through ditching, new culverts, and replacing existing culverts,
- Reconstructing and paving **approaches**, upgrading mailboxes, signing, and striping
- HUGE CUTS and FILLS

Purpose and Need



Purpose:

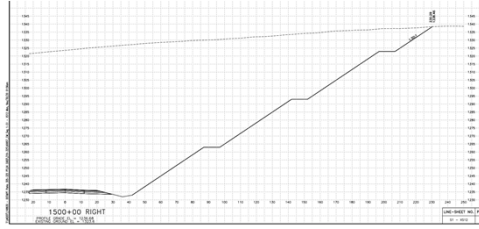
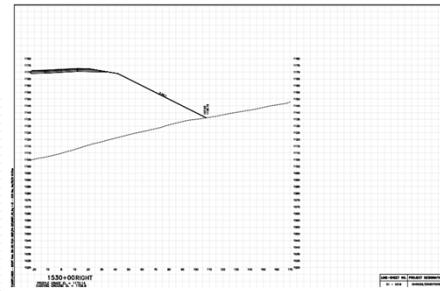
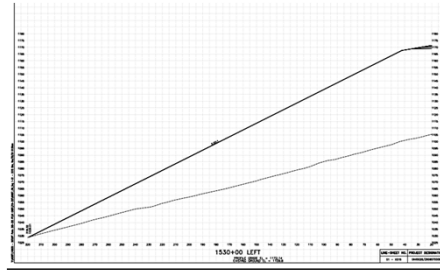
- Provide a transportation facility with improved operational efficiency and safety that maintains or improves mobility and accessibility for people and goods along the existing Parks Highway corridor.
- Minimize M&O burden
- Improve safety

Need:

- The Parks Highway MP 305-325 and Little Goldstream Creek Bridge are at the end of their useful life. Improvements to both are required to protect public safety and maintain the transportation corridor.
 - Traffic Safety
 - Design Deficiencies
 - Passing Lanes
 - Maintain Bicycle and Pedestrian Safety and Accessibility

General Quantities

Excavation: 3.3M CY
HMA: 18,500 tons
ATB: 37,500 tons
Sub F: 84,000 tons
Type A: 270,000 tons
Type C: 2,907,000 CY
Unusable: 330,000 CY
Guardrail: 3,000 LF
Seeding: 10,350 pounds

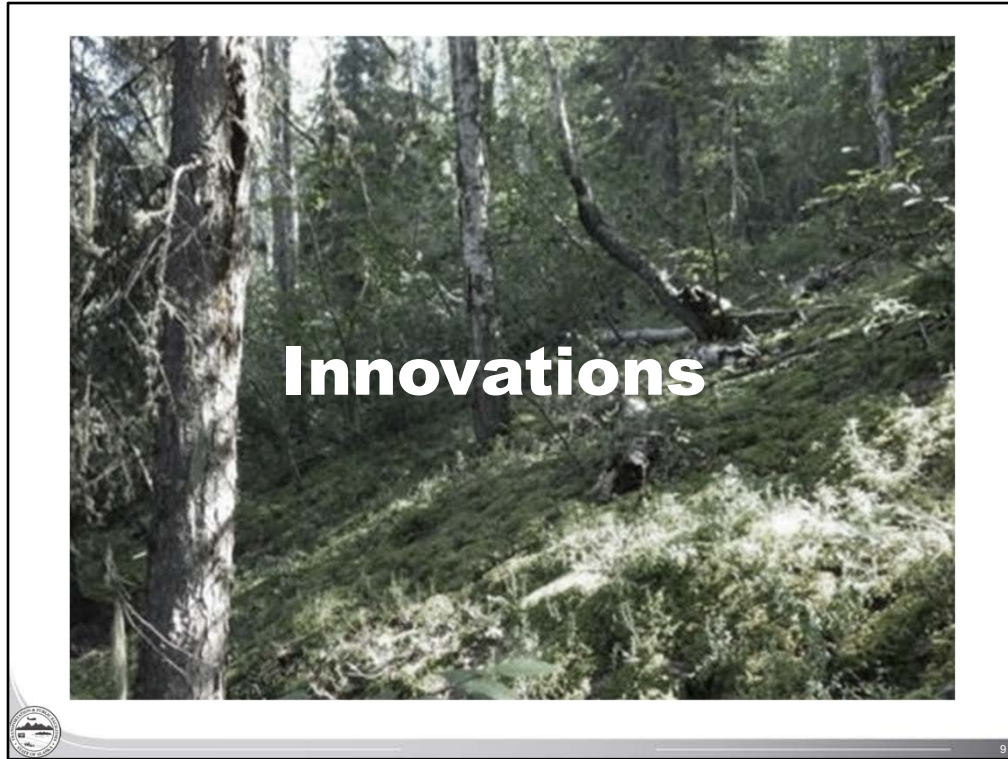




- Optimize efficiencies in construction phasing while minimizing traffic impacts during construction
 - Optimize temporary ROW activities
 - Material sourcing
 - Minimize impacts from utility relocations
- Improve cost certainty
- Improve construction impact certainty with the public

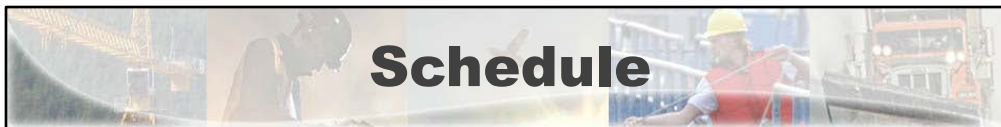


- Develop a collaborative team with the CMGC, project consultants, ICE and DOT&PF
- Share and transfer knowledge and ownership of project design
- Identify, mitigate, and minimize risk
- Drive innovation
- Improve design constructability and maintainability
- Optimize the project schedule and budget



What innovations do you have for:

- Minimizing traffic impacts
- **Finding efficiencies**
- Material sourcing
- Reducing future maintenance costs
- Others?



Milestone	Date
NTP for GMGC	Summer/Fall 2022
Begin ROW Acquisition	Fall 2022
Review PS&E	Spring 2023
Final PS&E	Fall 2023
Construction	Spring 2025





For More Information

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Project Website

<https://dot.alaska.gov/nreg/parks305to325/>

