Eagle River Traffic Mitigation Phase I

Old Glenn Highway / Eagle River Road Intersection Improvements

Public Meeting #6
6:00 P.M. OPEN HOUSE 7:00 P.M. OPEN HOUSE 8:00 P.M. ADJOURN
January 26, 2017

Presentation

- Project Area
- Overview of Project Origin
- Project Goals
- Intersection Improvements
- Cross Drive - What We've Heard
- Funding
- Project Schedule
- Next Steps

Project Area

OLD GLENN HIGHWAY / EAGLE RIVER ROAD INTERSECTION IMPROVEMENTS

Project Origins

2003 Eagle River Central Business District Revitalization Plan
- Developed as part of this project to realign and provide solutions to reduce traffic and create a Business District.

2005 Chugiak-Eagle River Central Business District Conceptual Plan
- Developed as part of this project to create a Business District.

2007 Eagle River Central Business District and Residential Core Circulation Study
- Developed as part of this project to develop a Business District and Residential Core.

2009 Downtown Eagle River Overlay District
- Developed as part of this project to create a Cohesive Town Center.

2011 Eagle River Central Business District and Residential Core Circulation Study
- Developed as part of this project to create a Business District and Residential Core.

2013 Eagle River Traffic Mitigation Phase I Reconnaissance Report
- Developed as part of this project to evaluate possible solutions to improve traffic.

2015 Eagle River Traffic Mitigation Phase I Draft Design Study - Business Boulevard Extension
- Developed as part of this project to evaluate possible solutions to improve traffic at the Business Boulevard Extension.

2016 Eagle River Traffic Mitigation Phase I Draft Design Study - Old Glenn Highway / Eagle River Road Intersection
- Developed as part of this project to evaluate possible solutions to improve traffic at the Old Glenn Highway / Eagle River Road Intersection.
**Eagle River Central Business District and Residential Core Circulation Study**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>7</td>
<td>Partial interchange to Farm Avenue of Glenn Highway could include an overcrossing on the west side of the Glenn Highway</td>
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<tr>
<td>8</td>
<td>Realignment of Farm Avenue with Eagle River Loop Road</td>
</tr>
<tr>
<td>10</td>
<td>Extension of Business Boulevard south to Eagle River Road</td>
</tr>
<tr>
<td>11</td>
<td>Direct access ramp from Glenn Highway northbound off ramp to Eagle River Road southbound</td>
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**Project Goals**

Prepare a traffic analysis, design study report, and final design package for intersection improvements at Eagle River Road and Old Glenn Highway. This project will:

- Add a hook ramp for southbound Eagle River Road traffic to bypass the signal
- Reduce weaving movements
- Increase future capacity at the intersection
- Prepare the intersection for a future connection to Business Boulevard

**Intersection Project Foundation**

Project developed as a result of 2015 Eagle River Traffic Mitigation Phase I project extending Business Blvd to Eagle River Rd

- Construction of extension first requires intersection improvements.
- Extension project funding not currently identified

**Intersection Improvements**

1. Proposed connection to Business Blvd on hold pending funding.
2. Transition Old Glenn Hwy to accommodate three southbound lanes at intersection with Eagle River Rd
3. Add two-way left-turn lane
4. End acceleration merge lane (continued)
Intersection Improvements

5. Construct hook ramp to provide uninterrupted flow for vehicles traveling southbound on Eagle River Road.
6. Widen westbound approach from 2 to 3 lanes (add through lane).
7. Widen northbound approach from 2 to 3 lanes (add left-turn lane).
8. Modify Cross Drive access.

Cross Drive Access

Opportunities

- Simplify an already busy intersection.
- Increase safety by reducing vehicle conflict points.
- Eliminate or reduce east/west pedestrian crossing conflicts.
- Reduce ROW impacts along Old Glenn Highway.
- Reduce cut-through traffic (bank parking lot).

Challenges:

- Change in routine access to local businesses and residents.
- Increase in cut-through traffic (bank parking lot).
- Increase traffic on Brooks Loop.

Brooks Loop / Cross Drive Access

What We’ve Heard

Held Stakeholder Meeting on January 11, 2017 - What we’ve heard:

- Support for closing Cross Drive.
- Support for right-in-right-out access at Cross Drive.
- Support for closing Cross Drive if secondary access is provided.
- Install a traffic signal at Brooks Loop and Old Glenn Highway.
- Concerns about losing direct access and parking for businesses.
- Vehicle-pedestrian safety concerns in the area of Cross Drive and Pizza Man.
- Support for switching the direction of the one-way on Brooks Loop.
- Add connection from Brooks Loop to Centerfield Drive through the MOA owned lot to reduce cut-through traffic through the bank parking lot.
- Access needs to accommodate large delivery trucks.

Brooks Loop / Cross Drive Access Options

Additional Options under consideration:

a) Interim connection from Brooks Loop to Centerfield Drive.
b) Convert Brooks Loop to Right-in, Right-out.
c) Reverse Brooks Loop One-Way Circulation.
d) Make Cross Drive One-Way.
**Work Completed to Date**

- Alternatives Analysis for Business Boulevard Extension
  - Reconnaissance Report, Concept Report, Design Study Report, and Traffic Analysis
- Alternatives Analysis for Old Glenn Highway and Eagle River Road Intersection Improvements
  - Design Study Report, Traffic Analysis, and Preliminary Design
- Public and Stakeholder Outreach
  - Four Technical Advisory Committee Meetings
  - Multiple Agency and Stakeholder Meetings
  - Six Public Meetings and Workshops

**Project Funding**

<table>
<thead>
<tr>
<th>FUNDED BY STATE GRANTS TOTALING</th>
<th>$8.5M</th>
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<tbody>
<tr>
<td>Business Boulevard Extension</td>
<td>$23M to $28M (2013 Estimate)</td>
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<tr>
<td>Preliminary Engineering and ROW Cost to Date</td>
<td>$2.3M</td>
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<tr>
<td>Funding Remaining</td>
<td>$6.3M</td>
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Estimated construction cost and available funding will be further evaluated following the 65% Design.

**Intersection Project Schedule**

- Intersection Design Study Report: May 2016 - February 2017
- Detailed Design: February 2017 - March 2018
- Right-of-Way Acquisition: June 2017 - March 2018

**Next Steps**

- Proceed with evaluating additional improvements
- March 2017 - Final Intersection Design Study Report and 35% Design
- Proceed with detailed design of Preferred Intersection Improvements that fall within funded budget
- September 2017 - Next Public Meeting @ 65% Design level
Stay Involved

VISIT:  http://brooks-alaska.com/ERTrafficMitigation/index.html

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CALL our toll free number:  1- 866 - 535 - 1877 (toll free)

SEND Comments to:
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