



Alaska Department of Transportation & Public Facilities Southcoast Region

Riverside Drive & Stephen Richards Congestion Mitigation Project

Project Overview

In summer 2018, the Alaska Department of Transportation and Public Facilities (DOT&PF), in cooperation with the City and Borough of Juneau (CBJ), developed and evaluated traffic control concepts that would reduce traffic congestion at the intersection of Stephen Richards and Riverside Drive in Mendenhall Valley.



The purpose of the project is to reduce traffic congestion during morning and evening commuting periods at the intersection of Riverside Drive and Stephen Richards Drive. Traffic congestion at the four-way stop intersection creates delays and additional emissions in the Mendenhall Valley air quality maintenance area.

Intersection improvements would include:

- Traffic and pedestrian signaling controls
- New signs, striping, and lighting
- Relocation of utilities and utility poles
- Adjustments to pedestrian facilities to comply with the Americans with Disabilities Act
- Pavement reconstruction as needed

Project Background

In 2008, the intersection was converted from a two-way stop control to a four-way stop control to reduce the high frequency of crashes (10th highest in the region when weighted for severity). While the implementation of the four-way stop control decreased the crash rate and severity, traffic through the intersection now experiences excessive delay and long queues in the morning and evening peak hours. The delays and long queues triggered this intersection being added to the Statewide Transportation Improvement Program under the Congestion Mitigation and Air Quality program.

Cost

The project will be funded by the Federal Highway Administration (FHWA) with a CBJ match.

Schedule

Phase I: Public outreach began in July 2018. During this phase, preliminary concepts and ideas were discussed with the public. Phase 1 refined designs and informed the selection criteria for traffic design options.

Phase 2: Following public outreach and refinement of the recommended traffic design options, DOT&PF will conduct the environmental review and develop the final design. Construction is anticipated as early as 2020.



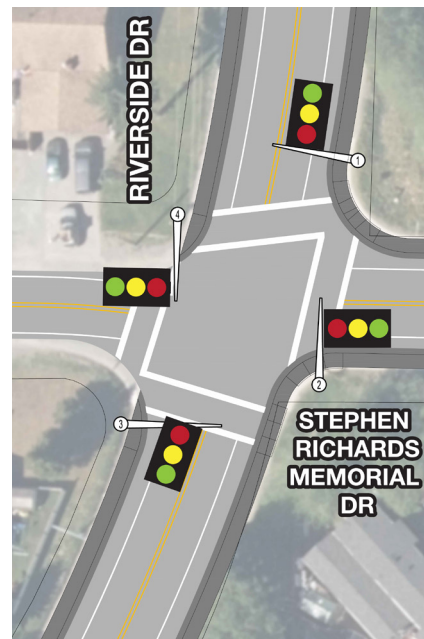
Proposed Traffic Control Concept

Based on analysis and public feedback, DOT&PF proposes a traffic signal. Many factors were examined in determining how each potential traffic control concept fulfilled the project’s purpose and need. Factors in the selection process included traffic flow, safety, right-of-way impacts, and maintenance costs. In the consideration of these factors, DOT&PF and consultants determined that the traffic signaling concept best fulfilled the intersection considerations.

Current Intersection



Proposed Concept



Get Involved

DOT&PF appreciates your feedback as the environmental review and final design for the proposed traffic control commences. To learn more about the project, view the meeting materials, sign up for the project e-mail list, or leave a comment, visit <http://alaska.gov/go/45E4>

Contact

If you would like to request additional information or share your ideas, please contact us!

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