



HSIP: Jewel Lake Road Widening
88th Avenue to Strawberry Road
 Project No. 57310 / 0515(005)
www.JewelLakeRoad.com



Project Scope

The Alaska Department of Transportation and Public Facilities (DOT&PF), in cooperation with the Federal Highway Administration (FHWA), is planning to widen Jewel Lake Road between 88th Avenue and Strawberry Road. This project is funded through the Highway Safety Improvement Program (HSIP). The primary purpose of an HSIP project is to construct highway improvements that maximize lives saved and major injuries eliminated per dollar spent.

Jewel Lake Road has a high number of rear end and sideswipe collisions. These types of crashes usually involve a left turning vehicle, though speed and traffic volumes may also be contributing factors. In a 10-year time frame, there were more than 50 crashes on Jewel Lake Road at intersections that did not have left turn lanes. Research shows installing left turn lanes reduces the number of crashes by providing a refuge for left turning vehicles, thereby, getting them out of the way of the through vehicles.

Two alternatives for adding left turn lanes were analyzed : a center two-way left turn lane and channelized left turn lanes with a center median. Based on this analysis, the design team is moving forward with a hybrid design that features a center two-way left turn lane for the majority of the corridor with channelized left turn lanes and flush medians at two intersections: 80th Avenue and 84th Avenue. The hybrid design reduces construction costs and simplifies snow maintenance

In addition to adding left turn lanes, other improvements include:

- Improved pathway on the west and new sidewalk on the east
- 5' Shoulders (meets width requirements for bike lanes)
- Drainage improvements
- Upgraded curb ramps (pedestrian facilities compliant with American with Disabilities Act (ADA))
- New signing, striping, and lighting

Schedule

Draft Design Study / 65% Design	Completed January 2016
Environmental Documentation	July 2014 – February 2016
Final Design Study	Completed July 2015
Final Plans and Specifications	January 2016 – October 2016
Right of Way Appraisal and Acquisition	January 2016 – March 2017
Construction	2017 (or 2018 dependent on extent of ROW impacts)

Project Team

You can find more information and can also leave comments on the project website:

www.JewelLakeRoad.com.

Please contact the project team if you have any questions, concerns, or comments.

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