



Airport Way/Steese Expressway Intersection Reconstruction Project

Project No. 0002(385)/NFHWY00245

The Alaska Department of Transportation & Public Facilities (DOT&PF) is pursuing safety improvements at the intersection of Gaffney Road, Airport Way, Richardson Highway, and the Steese Expressway (GARS) in Fairbanks, Alaska. This project is being developed under the Highway Safety Improvement Program (HSIP).

Purpose and Need:

The purpose of this project is to construct intersection improvements to address the high crash incidence and severity at this intersection. These improvements will also address the capacity issues currently experienced and expected in the future.

The existing intersection is regularly in the top 10 of all intersections in Northern Region for total number of crashes within a 5-year window. It has the 5th-highest number of total injury and fatal crashes.

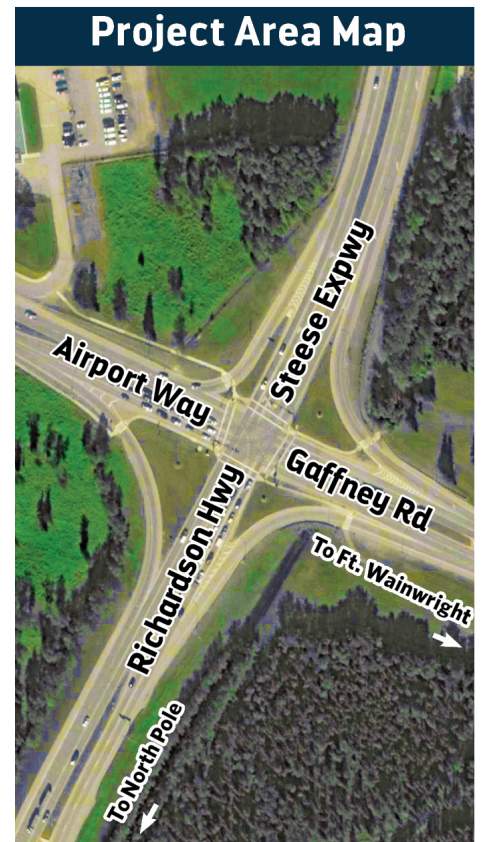
Constructing a new facility will improve safety by reducing the number of potential conflict points within the intersection. By reducing the number of potential conflicts between turning vehicles and increasing the efficiency of the intersection area, the result will also improve travel times.

Project Scope:

The final project scope is still being developed as concepts are advanced to address the purpose and need. All potential concepts will result in the construction of a revised intersection layout; new traffic signals, signage and striping; illumination and drainage modifications; and pedestrian multi-use path improvements.

Project Status:

The project has evaluated grade-separated (interchange) and at-grade (intersection improvement) options to address safety and capacity to meet the projected traffic growth needs of this intersection through the year 2045. While interchange options meet the purpose and need, the \$30-40M cost of such a solution produces significant funding challenges. Therefore, DOT&PF is evaluating two at-grade intersection solutions. These hybrid intersection options use several proven elements to provide site-specific and context-sensitive solutions to meet the project purpose and need at a significantly reduced construction cost. The options currently being considered are: a continuous flow intersection (CFI) concept and a hybrid combination of a Median U-turn and CFI (CFI-MUT).



The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by DOT&PF pursuant to 23 U.S. Code 327 and a Memorandum of Understanding dated November 3, 2017, and executed by FHWA and DOT&PF.

New Concepts Considered

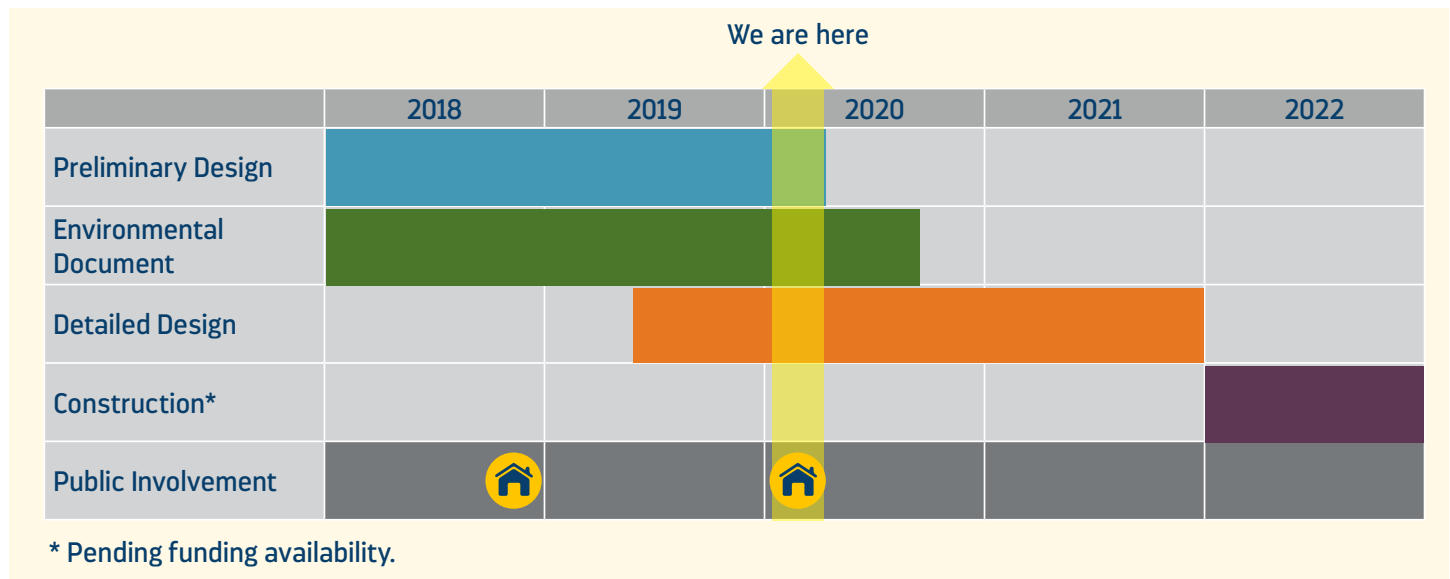


Continuous Flow Intersection (CFI)



Continuous Flow Intersection Median U-Turn (CFI-MUT)

Project Schedule:



Project Funding:

The project is federally funded with a state match. Construction cost estimates are being developed. Project funding is allocated under the Highway Safety Improvement Program (HSIP).

We want to hear from you!

Comments received will be considered in preliminary design and environmental documentation for the project.

Project website: www.GARSinterchange.com | **Email:** info@GARSinterchange.com