

# South Mack Drive Extension

City of Wasilla Project 54987



The **Draft Preliminary Engineering Report** documents and summarizes the purpose and need for the project, development of alternatives, engineering analysis performed, and recommends an extension of Mack Drive from the Sports Center to Knik-Goose Bay Road and realignment of Fairview Loop Road at Knik Goose Bay Road.

The Report also provides an overview of existing conditions, land ownership, design criteria and lays out the alternatives reviewed by the project team. The Report documents the team's consideration of wetlands, fish and wildlife habitat, hazardous material, cultural resources and threatened and endangered species in selecting a preferred alternative. The report also addresses cost, soil conditions, pedestrian access, drainage, utility impacts, right of way and maintenance considerations to arrive at a recommended alternative.

At this time, the preferred alternative is Alternative B1 because it provides better mobility, congestion relief, lesser wetland impact and significantly less right of way acquisition cost. While Alternatives B1 and B2 are nearly equal in all other regards (see Evaluation Matrix), alternative B1 is preferred because it provides better roadway geometry for a future Riley Avenue connection, avoids a potential cultural impact and retains development potential at the Wasilla Airport.

## Evaluation Matrix

	Alternative A	Alternative B1	Alternative B2
	Mack Alignment	Clapp Alignment southern route	Clapp Alignment northern route
Mobility	Good, but requires short trip on KGB Road	Excellent	Excellent
Access	Good for properties along Mack	Good for properties along Clapp	Good for properties along Clapp
Congestion Relief on Parks & KGB	5% overall traffic volume reduction	9% overall traffic volume reduction	9% overall traffic volume reduction
Crash Reduction	Improved at Mack/KGB & Clapp/KGB	Improved at Clapp/KGB; no improvement at Mack/KGB.	Improved at Clapp/KGB; no improvement at Mack/KGB
Wetlands	1.60 acres	1.32 acres	1.32 acres
Cultural Resources	No historic properties affected	No historic properties affected	Potential historic property affected
Utility Relocation	Impacts to buried utilities – \$747,880	Impacts to overhead utilities – \$844,580	Impacts to overhead utilities – \$844,580
Right of Way	8 full parcels, 34 partial parcels \$3,036,662	6 full parcels, 32 partial parcels \$1,682,916	6 full parcels, 31 partial parcels \$1,570,929
Maintenance	1 additional signal	--	Additional guardrail
Cost	\$15,819,475	\$15,817,305	\$15,423,392

Mark your calendars!

## OPEN HOUSE

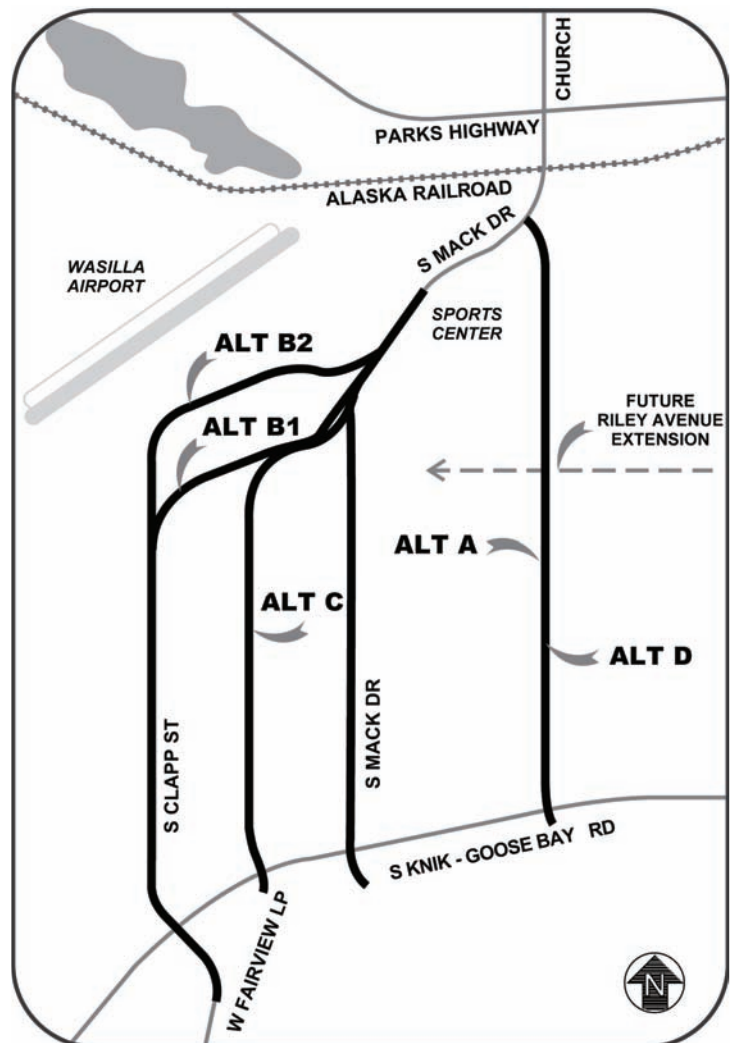
**When:** 4:30-7:30 p.m., Thursday, February 25  
Team presentations at 5 p.m. and 6 p.m.

**Where:** Curtis D. Menard Memorial Sports Center  
(former Wasilla Sports Center)  
1001 South Mack Drive, Wasilla

The purpose of the meeting is to provide an overview of the **Draft Preliminary Engineering Report** and seek your input. Will this new connection provide you better access to the Parks Highway? Will this alignment make it easier to access Knik Goose Bay Road? We want to hear your suggestions on how to minimize potential impacts to residents, businesses, and property owners.

The document is now available on the project Web site [www.parkshighway44-52.info/southmack](http://www.parkshighway44-52.info/southmack) for review.

## Location Map and Project Alternatives



## Purpose and Need

The City of Wasilla Official Streets and Highways Plan and the Matanuska-Susitna Borough's 2007 Long-Range Transportation Plan recommend extending Mack Drive as a major collector road from the Sports Center to Knik Goose Bay Road. The extension would begin to address Wasilla's poor circulation grid by providing a new north-south connection between the Parks Highway and Knik Goose Bay Road. The improvement would:

- **Provide movement** between residential areas (including the Knik-Fairview area), Wasilla, and points north and south on the Parks Highway.
- **Expand mobility** while providing access between the Parks Highway and Knik Goose Bay Road
- **Reduce congestion** and provide crash-reduction benefits on the Parks Highway and Knik Goose Bay road – two of three safety corridors in the area.

For more  
information,  
please  
contact us!

Anne Brooks, P.E., Public Involvement Coordinator  
Brooks and Associates

Telephone: 907-272-1877

Toll-free: 1-866-535-1877

E-mail: [mycomments@brooks-alaska.com](mailto:mycomments@brooks-alaska.com)



Project Web site: [www.parkshighway44-52.info/southmack](http://www.parkshighway44-52.info/southmack)

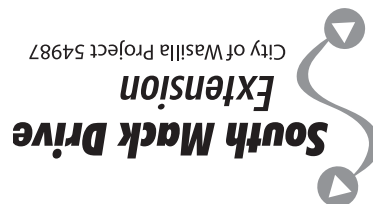
Also visit the Safety Corridor information site:

[www.dot.state.ak.us/stwdplng/hwysafety/safety\\_corridors\\_maps.shtml](http://www.dot.state.ak.us/stwdplng/hwysafety/safety_corridors_maps.shtml)

[www.parkshighway44-52.info/southmack](http://www.parkshighway44-52.info/southmack)

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Brooks & Associates  
301 W. Northern Lights Blvd., Suite 440  
Anchorage, AK 99503



You are invited to our  
Project Open House!  
Thursday, February 25!