

# Seward Glenn Mobility PEL Study



June 1, 2022
Community Advisory Committee







# Welcome & Opening Remarks

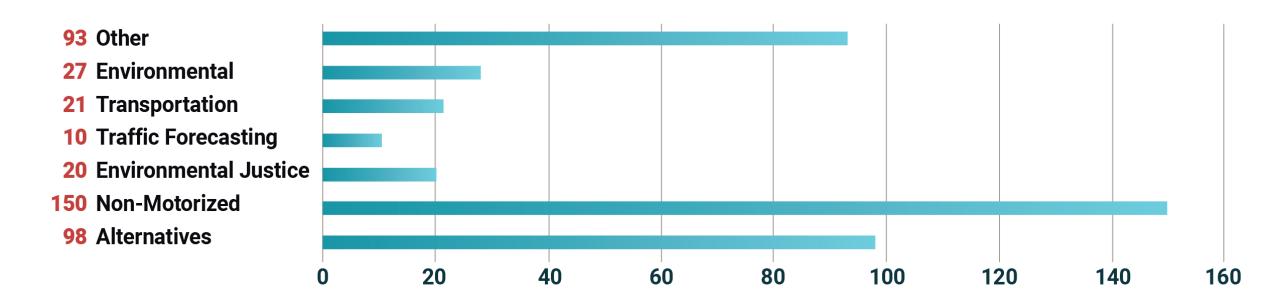


### **Public Comments**



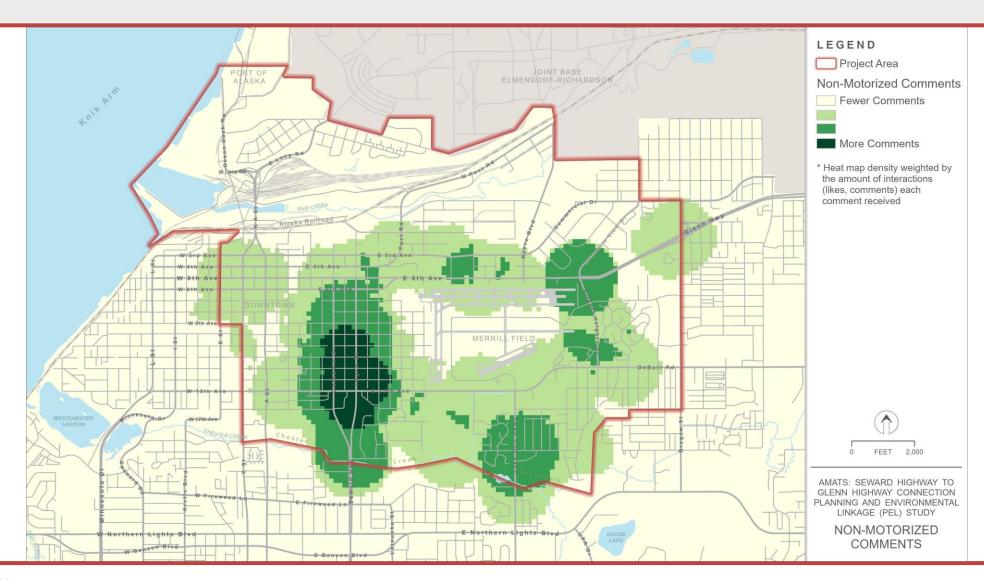
### Comment Period: January 24 – February 28, 2022

The public submitted a grand total of 419 comments focused on the following themes:



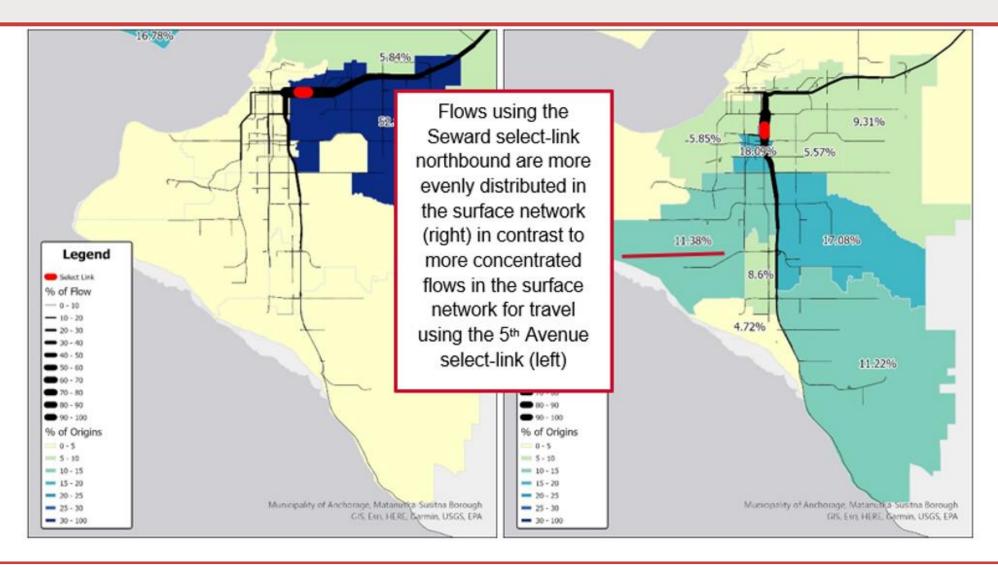
# Non-motorized Issues/Needs Heat Map MOBIL





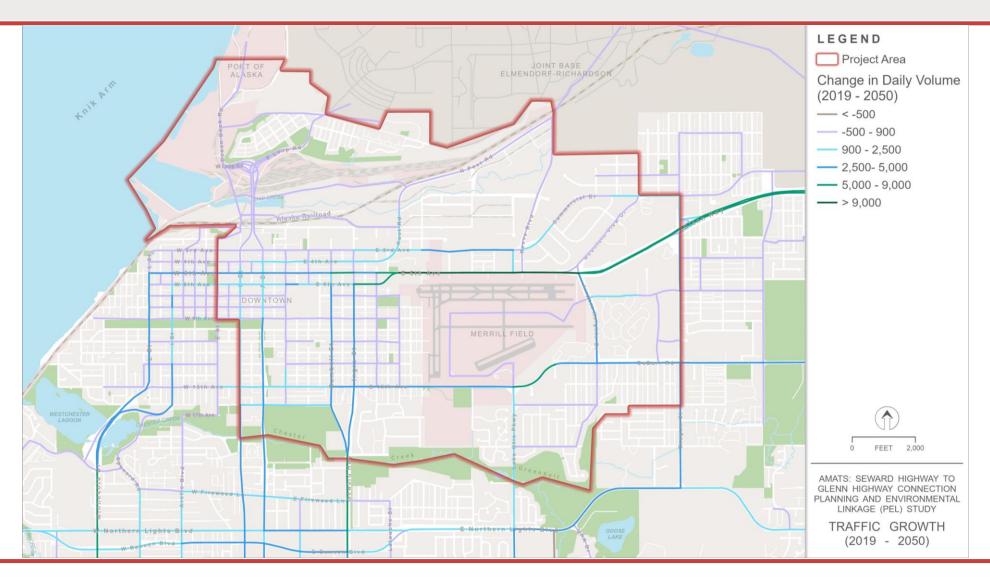
# Origin and Destination Study





### **Traffic Growth**



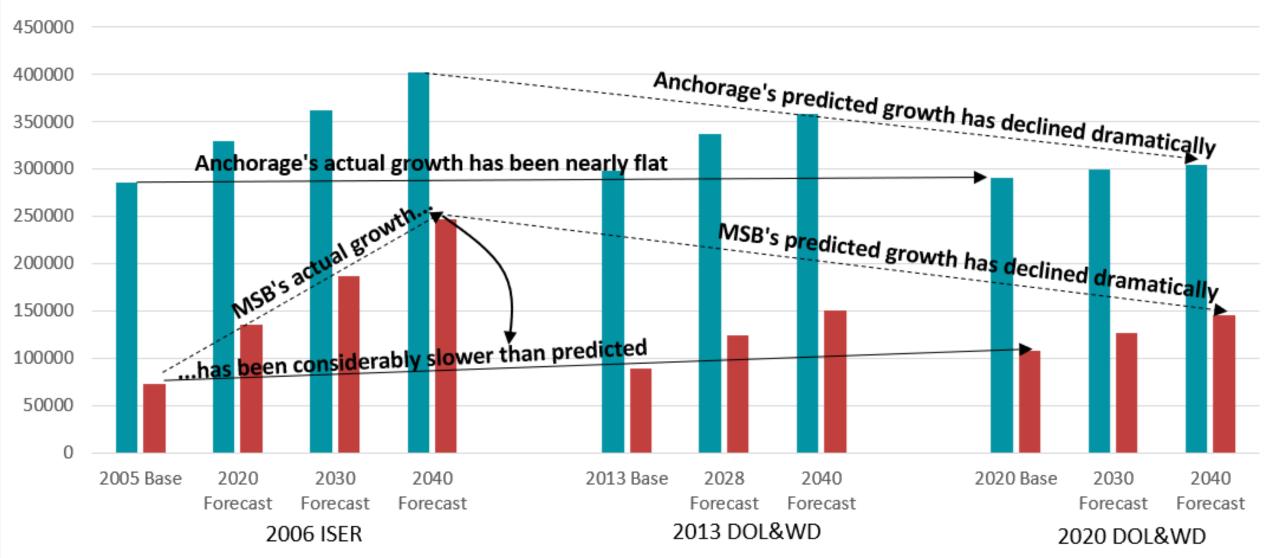


### Population Forecast Changes



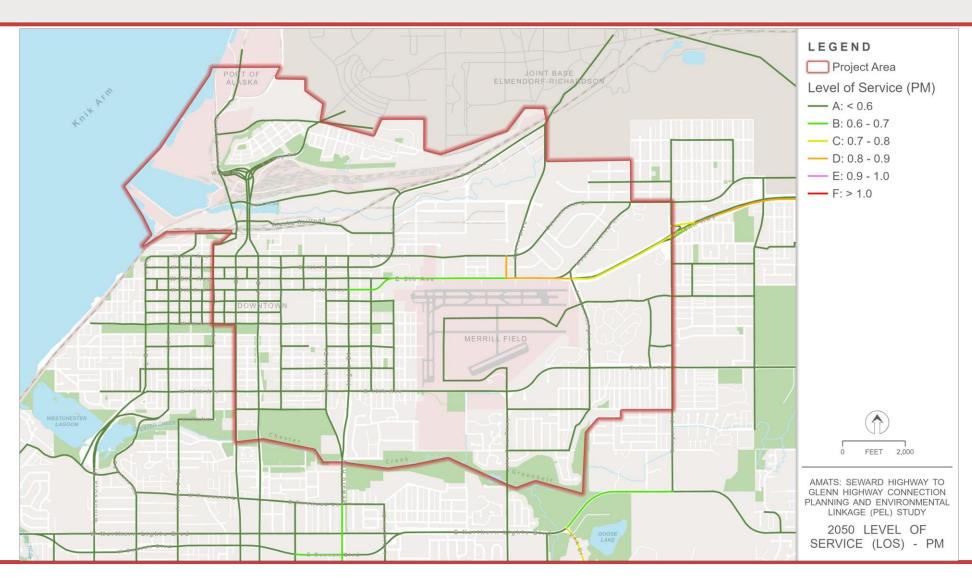






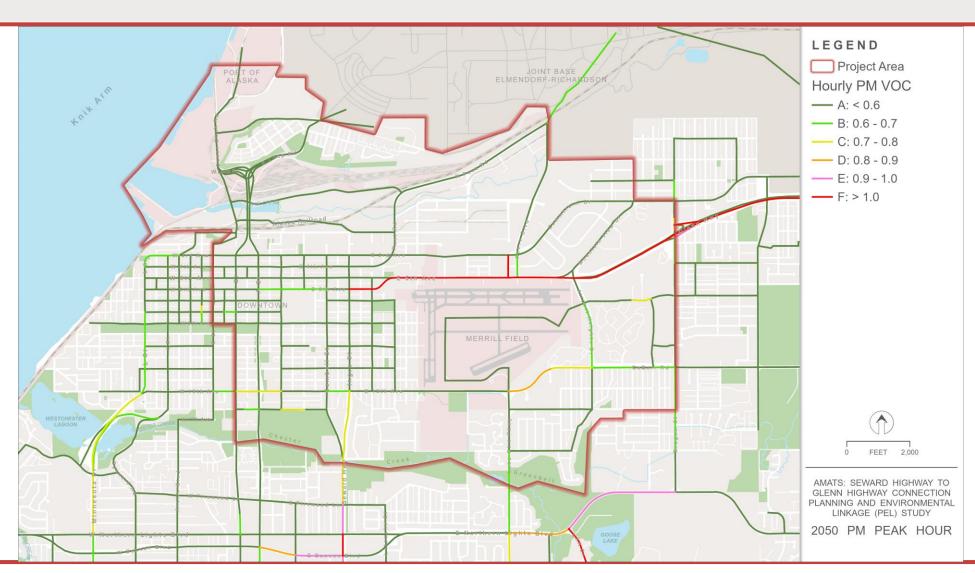
# 2050 PM Peak Period Congestion





# 2050 PM Peak Hour Congestion





### Draft System Performance Report



Legislation

Project Status

3 System Linkage

Capacity

5 Transportation Demand

Social Demand or Economic Development

Modal Interrelationships 8 Safety

Roadway Deficiencies

## **Draft Purpose Statement**



The purpose of the PEL Study is to improve mobility, accessibility, and safety for people and goods traveling by all modes on or across the roadway system connecting the Seward Highway, the Glenn Highway, and the Port of Alaska.

The intent is (1) to maintain the functionality of the National Highway System, (2) meet the local travel needs of residents who must safely travel across or along those roadways, and (3) improve neighborhood connections.

### **Draft Needs Statement**





#### **Conflicting Travel Functions**

Serving competing regional and local travel functions on the highway network in the study area leads to conflicts that reduce mobility, safety, and accessibility for all users.



#### Safety

Crashes for vehicles and people walking and bicycling are elevated at several study area intersections.



### Social Demands and Economic Development

Current street design on the Seward/ Glenn corridor in the study area is inconsistent with the vision expressed in recently adopted development plans and is adversely affecting neighborhood redevelopment efforts, community cohesion, and quality of life.



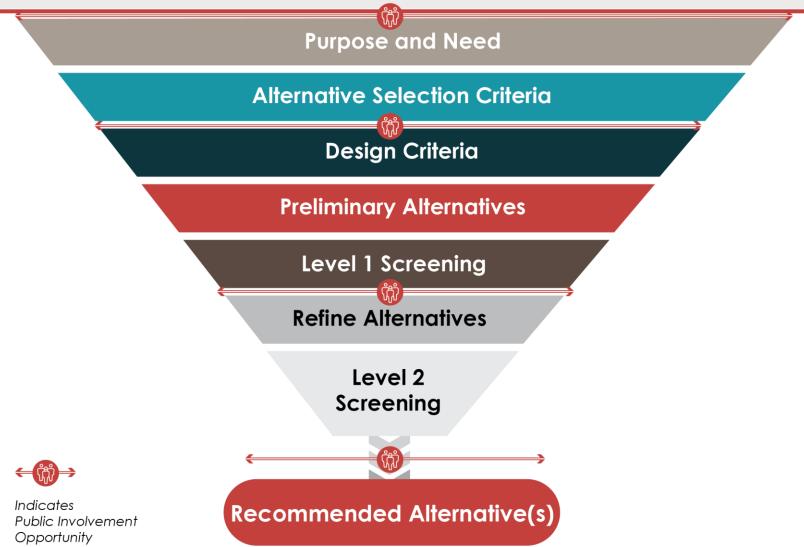




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# Alternative Screening Process Described in the Draft Recommended Alternative Selection Criteria Memorandum





### **Draft Level 1 Evaluation Criteria**



Described in the Draft Recommended Alternative Selection Criteria Memorandum

Described in the Draft Neconfinenced Afternative Selection Chiena Memorandum					
Need	Measure				
Safety	Number of crashes with the Build Condition compared to the No Action condition				
	Number of conflict points between vehicles and non-motorized users				
	Number of vehicle conflict points with the Build Condition compared to the No Action condition				
Conflicting	Peak period freight travel time				
Functions	Peak period travel time				
	Miles of roadway in study area that have a peak period volume-to-capacity ratio above 0.8				
	Peak period delay				
	Miles of road with an average peak period travel speed within 20% of design speed				
Social Demands	Consistency with Anchorage 2020, 2040 Land Use Plan, Fairview Neighborhood Plan, and				
and Economic	other land uses plans				
Development	Regional VMT				
0000	Regional VMT per capita				
	Impacts to Section 4(f) resources				

### Schedule



Timeframe	Summer 2021	5ummer 2021 - Winter 2022	Winter - Spring 2022	Summer - Fall 2022	Winter – Summer 2023	Winter 2024- Spring 2024
Study Step	Project Initiation	Problems to be Solved	Purpose and Need & Evaluation Criteria	Develop & Screen Alternatives	Evaluate, Refine, & Select Alternatives	Finalize Documentation
Objectives	Establish effective communications management protocols for a solid project foundation.	Identify problems to be solved based on updated data and public input.	Develop the Purpose & Need & evaluation criteria based on issues identified through data analysis and outreach.	Ensure a reasonable range of alternatives are evaluated. Screen for fatal flaws and reasonableness.	Refine and further develop reasonable alternatives, arriving at a recommended alternative.	Final documentation that is easy to read, meets all requirements, and confirms DOT&PF, AMATS, and resource agency acceptance.
Activities	Document project management plan Establish schedule Prepare communications plan Create website Form committees	Collect existing information (maps, studies, & data) Develop baseline & forecasted traffic volumes Identify environmental constraints Identify safety needs, system performance standards, and facility deficiencies	Develop purpose and need Identify alternatives selection criteria based on: DOT&PF design criteria Environmental constraints  WE ARE HERE	Identify alternatives Prepare centerline & typical sections Develop rough order of magnitude costs Consider environmental and community factors	Develop detailed alternatives Conduct traffic modeling Assess environmental impacts Update cost estimates Identify draft recommendations	Refine recommended alternative Identify construction phasing plan Prepare financial analysis Write draft PEL
Community Engagement	Advisory C	Public Meeting #1 Input on responsion to be a realized for the second	Advisor y Committee Meeting  Public Meeting #2 Inputes purpose & need and solicit obstantial idea:	Advisory Committee Meeting Public Meeting #3 Input on alternating	Advisory Commirce Meeting  Public Mooring #4 Isput on refined alternatives	Advisory Committee Meeting  Public Review and Comment on Draft PEL Study

### We want your input!



#### Draft Documents:

- Purpose and Need Statement
- System Performance Memorandum
- Recommended Alternatives Selection Criteria Memorandum

#### Alternatives and Solutions

What are ways to solve the problems and meet the corridor needs?

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## We want your input!





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Scan me with your smart phone to leave a comment and provide your input!