

Air Quality Mobile Source Modeling

FY2023 Request: \$181,940

Reference No: AMD 63725

AP/AL: Allocation
Category: Transportation
Location: Juneau Areawide
Impact House District: Juneau Areawide (HD 33-34)

Project Type: Research / Studies / Planning
Recipient: NA
House District: Juneau Areawide (HD 33-34)
Contact: Dom Pannone

Estimated Project Dates: 07/01/2022 - 06/30/2027 **Contact Phone:** (907)465-2956

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Continue development and enhancement of the statewide framework for Motor Vehicle Emission Simulator (MOVES) modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state.

Funding:	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total
1002 Fed Rcpts	\$181,940						\$181,940
Total:	\$181,940	\$0	\$0	\$0	\$0	\$0	\$181,940

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec8 Ch1 SLA2021 P94 L19 HB69 \$181,940

These regional applications include State Implementation Plan (SIP) emissions/emission budgets and transportation conformity emission inventories, National Emission Inventory (NEI) submittals to Environmental Protection Agency (EPA) that consist of both planning and episodic modeling inventories throughout the state. Continue the support of the EPA requirement to use MOVES for local communities and state.

STIP Need ID: 26168

Project Description/Justification:

Continue development and enhancement of the statewide framework for Motor Vehicle Emission Simulator (MOVES) modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state. These regional applications include State Implementation Plans (SIP) emissions/emission budgets and transportation conformity emission inventories, National Emission

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Inventory (NEI) submittals to the Environmental Protection Agency (EPA) that consist of both planning and episodic modeling inventories, throughout the state. Continue the support of the EPA requirement to use MOVES for local communities and state.