



E-Squared Engineering
 43969 Tavern Dr., Ste 200
 Ashburn, VA 20147
 PH: 703-858-9545
 FX: 703-724-0983
 www.e-squared.org

Alaska Transportation Workshop

Anchorage, AK; Fairbanks, AK; Prudhoe Bay, AK

Services Performed

Conduct Needs Analysis

Identify Feasible ITS Solutions

Provide Recommendations for Safety Related ITS Strategies

Conduct Education and Training

E-Squared Engineering conducted a statewide freight transportation ‘needs’ analysis of the existing Alaska transportation system and developed ITS deployment strategies based on the unique challenges faced by the citizens of Alaska, the funding constraints of the AKDOT, and the extreme weather conditions affecting Alaska's air, rail, marine, and highway systems. This included the movement of freight, passengers, weather information systems, rural applications, mayday systems, etc. This information was incorporated into a state specific workshop/training course that E-Squared Engineering conducted for both public and private sector transportation stakeholders in the State of Alaska.



Key Staff Reference

Richard B. Easley

Client Contact

*Mr. Paul Varady
 AK DOT & PF
 12050 Industry Way
 Bldg O, Suite 6
 Anchorage, AK 99515
 907-345-7750*

- Led data collection planning efforts and assessment/analysis of statewide intermodal freight operations for State of Alaska.
- Conducted extensive interviews and site visits with intermodal freight operations stakeholders at intermodal marine ports, railroad terminals, airports, and border crossings at strategic locations throughout North America.
- Published intermodal freight and ITS related documents pertaining to intermodal freight operational improvements based on extensive intermodal research including surveys and personal stakeholder interviews.
- Developed and taught intermodal freight and ITS training course/workshop for industry professionals (including MPO’s, shippers, steamship lines, railroads, airports, vendors, consultants).

Contract Award/ Performance Period

1999/2000 – 2001

Type of Contract

Task Order

Work conducted for Alaska DOT involved working with Alaska State DOT personnel, steamship line personnel, railroad personnel, air freight personnel, MPO personnel, shippers and others. This required working with a diverse set of stakeholders, identifying the respective needs of each and developing ITS related solutions and recommendations that would satisfy the needs of each diverse group.

Total Contract Value

\$20,000