

## 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*

### Key Staff Reference

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### Client Contact

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### Contract Award/ Performance Period

*1999/2000 – 2001*

### Type of Contract

*Task Order*

### Total Contract Value

*\$20,000*

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.



- 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).

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.