What is a Mobile Inspection System?

A Mobile unit, consisting of all components necessary to allow inspectors to perform roadside inspections, enforce size and weight regulations and utilize e-screening to check CMV status in Alaska for an extended period of time. The unit will also be used in conjunction with Alaska’s IRIS van, to perform break checks. The inclusion of these components in a mobile environment create a mobile inspection system.
Why a Mobile Inspection System?

Alaska’s roads cover great distances over remote areas

Over 14,000 C/L road miles in Alaska
The state normally operates 6 fixed weigh stations. Next summer.

There are large distances between most weigh stations:

- Glenn Hwy to Tok -- 220+
- Glenn Hwy to Ester -- 350
- Fox to end of the Haul Road (Prudhoe Bay) -- 483 Miles

Distances are too great to travel between on a daily basis, therefore no ability to stay in one place for more than one shift.
Haul Road Mishaps due to Hours of Operation violations?
Add recent haul road accident from Rex
Why MIS? (continued)

Not all areas are covered by Weigh Stations

- Seward
- Homer
- Nikiski/Kenai/Soldotna
Recap: Why MIS?

- We need to conduct inspections and e-screening in areas too remote to allow roadside inspections for more than a few hours.
- We need to ensure that all Safety regulations are enforced on all traveled roadways.
- We need to conduct inspections and e-screening in areas where CMV business operations are outside of weigh stations.
Mobile Inspection System
Components-

- Motor Home
- Iris Van
- Storage Unit
- Signs
- Automated License Plate Reader
- Automated USDOT Reader
- Haenni Scales
- Work Station Components (Desktop, printer/fax/copier, shredder)
- Lights for winter operations
Mobile Inspection System
Components- Inspection Station

Work Station
MIS Components - Inspection Station Cont’d

Backup video monitor
Storage Unit

- Drop down rear door
- Spare tire
- Breakaway brakes, electronic
- Interior light
- Interior bracing on ceiling for protection against snow load.
Signs

Portable Variable Message Sign

Warning Signs

- IN{\text{SPECTION}} STATION
- OPEN
- 1000 FT
- 10,000 LBS
- MUST STOP
- CMV'S
License Plate and USDOT Readers

- Automated License Plate Reader
- Automated USDOT Reader
- Wireless roadside trigger system
- Local data communication system

Allows CVE to target high risk vehicles using both License Plate and USDOT readers to identify both CMVs and carriers.

Using a software suite working parallel with our systems (i.e., CVIEW, PRISM vehicle target file), vehicle and carrier information will pop up on a screen. Will use additional databases (i.e., CDLIS or DIR) when connected.
Haenni Scales
## Deployment Plan

<table>
<thead>
<tr>
<th>Turnout Inventory</th>
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</thead>
<tbody>
<tr>
<td><strong>Milepost</strong></td>
</tr>
<tr>
<td><strong>Direction</strong></td>
</tr>
<tr>
<td><strong>Measurement</strong></td>
</tr>
<tr>
<td><strong>Grade/Surface</strong></td>
</tr>
<tr>
<td><strong>Suitability</strong></td>
</tr>
</tbody>
</table>

### Photo SB

![Photo SB](image)

### Photo NB

![Photo NB](image)
Deployment Plan Continued: Now and into the Future

- October, 2008
- Target Areas:
  - Seward
  - Turnagain Pass
  - Glennallen
  - Haul Road
  - Richardson
  - Parks Highway

Timing is weather dependent