American Recovery and Reinvestment Act of 2009
Alaska Railroad Implementation Plan
## Economic Stimulus Project List

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Brief Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairbanks Intermodal Passenger Track Upgrade</td>
<td>Install second track at intermodal depot</td>
<td>$1,200,000</td>
</tr>
<tr>
<td>Seward and Talkeetna Restroom Facilities</td>
<td>Provide additional depot restroom facilities. Supports Transit Enhancement expenditures</td>
<td>$1,000,000</td>
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<tr>
<td>Anchorage Ship Creek Intermodal Facility</td>
<td>Initiate Phase II of Anchorage Ship Creek Intermodal facility improvements including design, exterior upgrades, mechanical and electrical upgrades</td>
<td>$7,425,000</td>
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<tr>
<td>Seward Depot Electrical Upgrade</td>
<td>Reduce train idle in downtown Seward by providing alternate electrical power.</td>
<td>$250,000</td>
</tr>
<tr>
<td>Automated Passenger Equipment Safety Devices</td>
<td>Wheel impact load detectors (WILD)</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Collision Avoidance System</td>
<td>Phase 4 includes monitoring wayside detection devices for track integrity, switch position, load, avalanche and hot wheels. ARRA-09 money will fund monitoring of seven of the 142 wayside locations required by the Rail Safety Improvement Act.</td>
<td>$2,500,000</td>
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<tr>
<td>Track Rehabilitation Program</td>
<td>Purchase 2010 rail and ties, weld rail, and install</td>
<td>$11,800,268</td>
</tr>
<tr>
<td>Ship Creek Intermodal Fencing</td>
<td>Supports Transit Security and Transit Enhancement expenditures</td>
<td>$300,000</td>
</tr>
<tr>
<td>Nenana Rail Realignment</td>
<td>Hydrology and final engineering in support of a major rail realignment</td>
<td>$350,000</td>
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</tbody>
</table>

**TOTAL ALASKA RAILROAD QUALIFYING PROJECTS** $25,825,268
Fairbanks Intermodal Track Upgrade, Fairbanks Depot

Passenger-related Fairbanks yard project:

- Construct second depot track

$1,200,000
Seward and Talkeetna Depots

- Construct an ADA-compliant restroom facility at the Seward and Talkeetna depots
- Currently, each depot only has two stalls supplemented by port-a-potties

$1,000,000
Ship Creek Intermodal Facility

- Project will undertake a portion of the Ship Creek Intermodal Transportation Center project, to include previously-designed Phase II work on historic depot.
  - exterior upgrades (paint, windows, etc)
  - relocation of current roof-top and wall mounted mechanical equipment
  - removal of an underground storage tank
  - replacement of boilers
  - correction of code deficiencies in the electrical system

$7,425,000
Seward Depot Electrical Upgrades

- Project provides commercial power to trains at depot
- Power necessary to accommodate food and beverage service on board
- Allows locomotive shutdown during layover, saving fuel and eliminating complaints from idling

$250,000
Automated Passenger Equipment Safety Devices

- Project will:
  - Install a wheel impact load detector (WILD) near MP115.4, on the eastern side of the Anchorage Rail Yard

$1,000,000

The WILD device strain gauge and cables are installed along the rail, with cable conduit leading to track-side junction boxes and system electronics.
Collision Avoidance System

- The ARRC is implementing a positive train control system to include Computer Aided Dispatch (CAD), a locomotive on-board computer system, data radio and GPS locator technology to minimize human error.
- Radio, GPS and CAD components are installed.
- Locomotive onboard control and validation systems are being tested.
- Phase 4 includes monitoring wayside detection devices for track integrity, switch position, load, avalanche and hot wheels.
- ARRA-09 money will fund monitoring of seven of the 142 wayside locations required by the Rail Safety Improvement Act.

$2,500,000
Transit Enhancement/Security

- This funds additional fencing at Ship Creek Intermodal requested by both Facilities and Security
- Fence will extend 990 feet from the Plaza to Cordova Street

$300,000
Track Rehabilitation Program

- Purchase approximately 200,000 linear feet of 115# rail and 50,000 ties
- Weld rail this winter (2009/2010) and install as part of the 2010 program

$11,800,000
Nenana Hydrology Final Engineering

- Part of ARRC Nenana Rail Realignment Project.
- Engineering will identify the flooding impacts of the project, if any.
- Required before final engineering and construction on the overall project can proceed.

$350,000