American Recovery and Reinvestment Act of 2009
Alaska Railroad Implementation Plan

AlaskaRailroad.com

Economic Stimulus Project List
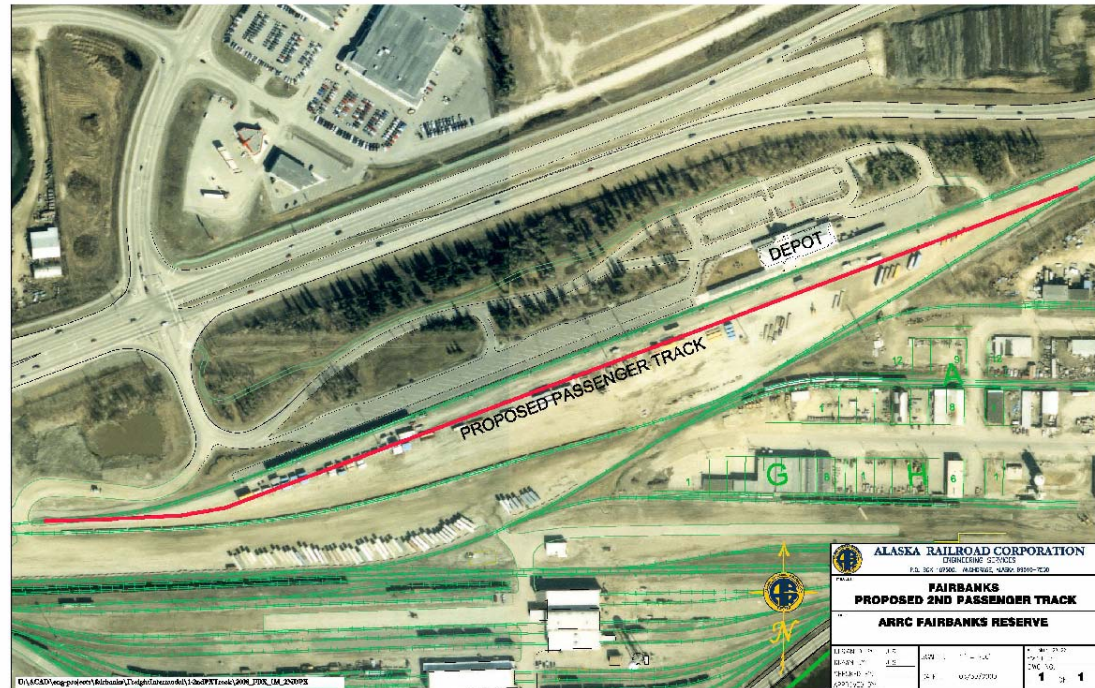
Project Name	Brief Description	Amount
Fairbanks Intermodal Passenger Track Upgrade	**Install second track at intermodal depot**	$1,200,000
Seward and Talkeetna Restroom Facilities	**Provide additional depot restroom facilities. Supports Transit Enhancement expenditures**	$1,000,000
Anchorage Ship Creek Intermodal Facility	**Initiate Phase II of Anchorage Ship Creek Intermodal facility improvements including design, exterior upgrades, mechanical and electrical upgrades**	$7,425,000
Seward Depot Electrical Upgrade	**Reduce train idle in downtown Seward by providing alternate electrical power.**	$250,000
Automated Passenger Equipment Safety Devices	**Wheel impact load detectors (WILD)**	$1,000,000
Collision Avoidance System	**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
Track Rehabilitation Program	**Purchase 2010 rail and ties, weld rail, and install**	$11,800,268
Ship Creek Intermodal Fencing	**Supports Transit Security and Transit Enhancement expenditures**	$300,000
Nenana Rail Realignment	**Hydrology and final engineering in support of a major rail realignment**	$350,000
	TOTAL ALASKA RAILROAD QUALIFYING PROJECTS	**$25,825,268**

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Fairbanks Intermodal Track Upgrade, Fairbanks Depot

Passenger-related Fairbanks yard project:

- Construct second depot track

$1,200,000

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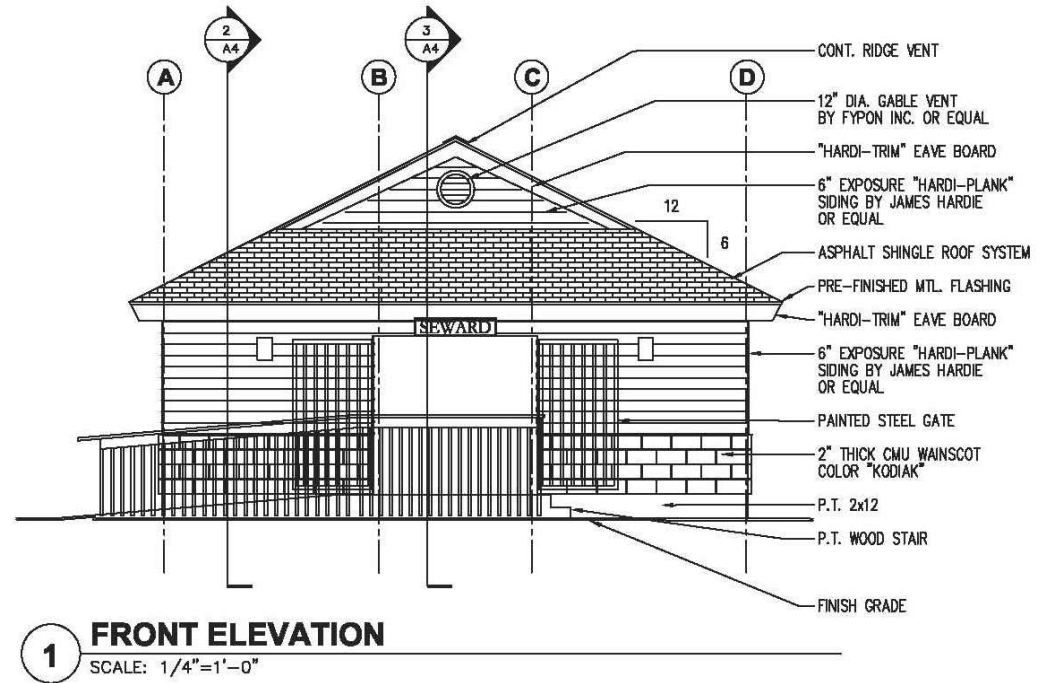
Seward and Talkeetna Depots

- 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

CONT. RIDGE VENT

12" DIA. GABLE VENT BY FYPON INC. OR EQUAL

"HARDI-TRIM" EAVE BOARD

6" EXPOSURE "HARDI-PLANK" SIDING BY JAMES HARDIE OR EQUAL

ASPHALT SHINGLE ROOF SYSTEM

PRE-FINISHED MTL. FLASHING

"HARDI-TRIM" EAVE BOARD

6" EXPOSURE "HARDI-PLANK" SIDING BY JAMES HARDIE OR EQUAL

PAINTED STEEL GATE

2" THICK CMU WAINSCOT COLOR "KODIAK"

P.T. 2x12

P.T. WOOD STAIR

FINISH GRADE

SEWARD

FRONT ELEVATION
1   SCALE: 1/4"=1'-0"

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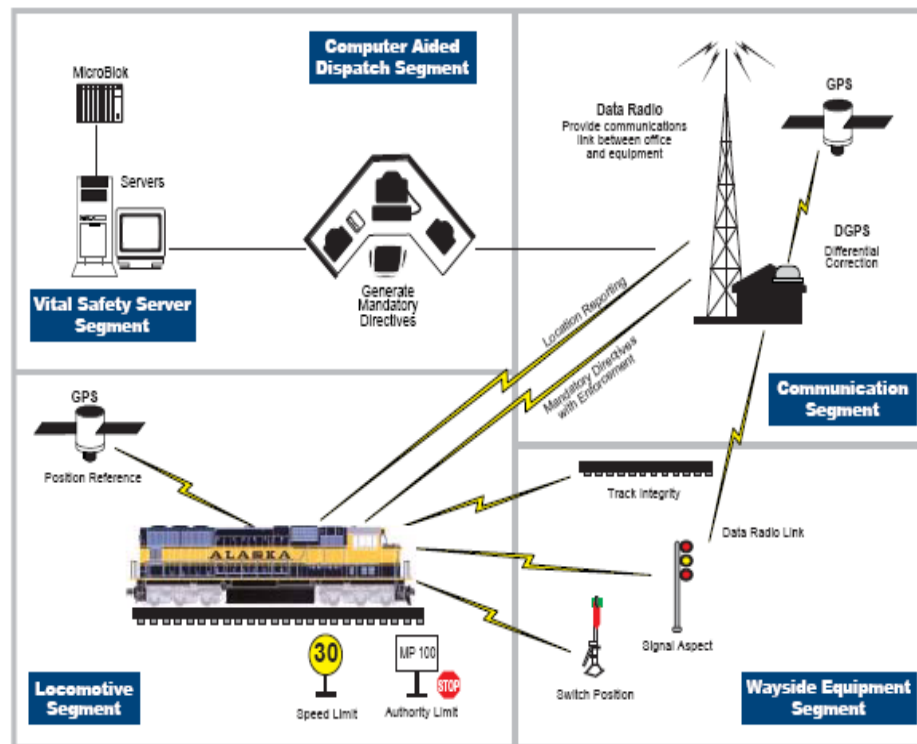 - Install a wheel impact load detector (WILD) near MP115.4, on the eastern side of the Anchorage Rail Yard

$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
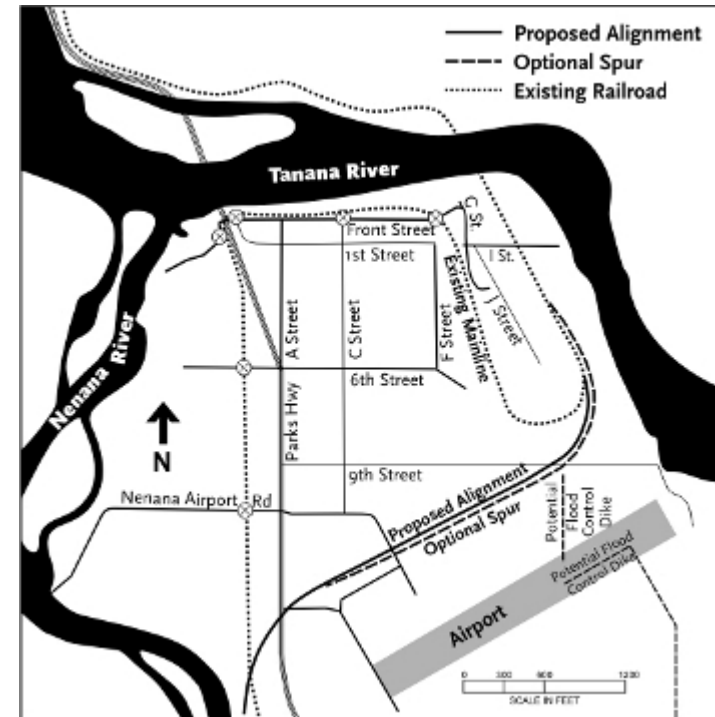
Track Rehabilitation Program

- 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