

**FY2013 Facilities - Deferred Maintenance Inventory/Backlog**

| <b>Project Title</b>   | <b>Project Cost<br/>(1,000's)</b> | <b>Project Description</b>  | <b>Location</b>       | <b>Election District</b> |
|--|-----------------------------------|---|-----------------------|--------------------------|
| KTN Heating Control Upgrade (Risk Mngmt Prop. No. 2549000536)  | 150.0                             | Remove existing pneumatic heating controls and replace with DDC controls.   | Ketchikan             | 1                        |
| Ketchikan COB Exterior Clean, Seal and Caulk                   | 140.0                             | Concrete exterior panels need to be cleaned, sealed and joints caulked to protect from further weather damage; this will increase the service life of the building.   | Ketchikan             | 1                        |
| <b>Total HD 1</b>  | <b>290.0</b>                      |   |                       |                          |
| Sitka - Replace Exterior Man-Doors - Reroute Gutter Downspouts | <b>45.0</b>                       | Door corrosion makes replacement of man-doors necessary as they have deteriorated beyond repair. Rerouting gutter downspouts will eliminate slip/fall hazard.   | Sitka                 | <b>2</b>                 |
| Juneau - 7-mile Regional HQ - Replace Asphalt Drive            | <b>110.0</b>                      | Heavy truck traffic is year-round and has deteriorated the surface to the point of imminent failure. Needs to have a full 4-inch lift over a properly prepared base to accommodate this kind of traffic.  | Juneau                | <b>3</b>                 |
| Haines - Repair Roof   | 55.0                              | Replace all metal roofing fasteners to eliminate leaks in field and around flashings. Add snow cricket above boiler exhaust stack to prevent recurring leaks.   | Haines                | 5                        |
| Skagway - Drainage   | 25.0                              | Septic drains back up and create health and environmental hazards due to high water table in the area.  | Skagway               | 5                        |
| <b>Total HD 5</b>  | <b>80.0</b>                       |   |                       |                          |
| Replace Roof at O'Brien Creek Shop                             | <b>100.0</b>                      | This building was removed from Northway many years ago and was reassembled at O'Brien Creek. Roof is leaking and requires frequent repairs. This project will replace roof and siding on this building. Insulation will be added to both the roof and walls to greatly improve energy efficiency. Currently the building has no insulation to speak of (seasonally operated). The fuel savings in the spring and fall will be very significant. This project is not needed if the capital request for a new shop is approved. | O'Brien Creek Station | <b>6</b>                 |

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| Replace Paxson Bunkhouse  | <b>300.0</b>                      | Existing bunkhouse was a mobile home that then had a log cabin built over it. This is a substandard facility that cannot be modified to achieve acceptability. It is was poorly constructed and insulated prior to the Department purchasing it in 2007. It is not large enough to house all station staff when fully manned. A second small two bedroom unit must be utilized to handle the camps needs. It is very inefficient to operate two bunkhouses instead of one. A new modular design bunkhouse with five bedrooms is estimated to reduce energy costs for the camp by 20% which gives an 11 year payback on this investment. | Paxson Station  | <b>12</b>                |
| Palmer Maintenance Shop Vehicle Lift                                | 45.0                              | Replace the vehicle lift at the Palmer maintenance shop.  | Palmer          | 13                       |
| Palmer Highway Maintenance Station, Install Backup Generator        | 45.0                              | This critical highway maintenance station lacks back up power and could loose the capability to sustain operation during power outages.   | Palmer          | 13                       |
| Palmer Highway Maintenance Station, Upgrade HVAC System             | 175.0                             | Existing system is no longer adequate and does not meet current code requirements. Upgrade is needed for the health and safety of employees performeing vehicle maintenance in this busy shop.  | Palmer          | 13                       |
| <b>Total HD 13</b>  | <b>265.0</b>                      |   |                 |                          |
| Silvertip Maintenance Station, Replace Roof and Siding              | <b>225.0</b>                      | Existing roof and siding is very old and lacks insulation. We wish to install a new energy efficient roof and siding to save costly heating fuel.   | Silvertip       | <b>32</b>                |
| Ninilchik Maintenance Station, Replace Siding and Windows           | <b>135.0</b>                      | Building envelope needs to be replaced to make building more energy efficient. Windows need to be replaced with thermal pane windows.   | Ninilchik       | <b>34</b>                |
| Homer Highway Maintenance Station, Replace Roof, Windows and Siding | <b>345.0</b>                      | Existing roof and siding is very old and has little insulation, new energy efficient roofing and siding will save lots in utility costs.  | Homer           | <b>35</b>                |
| Naknek Maintenance Station, Replace Roof, Siding and Windows        | 230.0                             | Existing roof and siding is deteriorated and leaks, windows are inefficient and allow tremedous heat loss. Upgrade to new insulated roof panels, thermopane windows and insulated siding to save on utility costs   | Naknek          | 37                       |
| Adak Warm Storage Building, Replace Roof                            | 150.0                             | Existing roof is rusted and leaky. Fasteners have rusted through and no longer hold the roofing panels in place creating a hazard on the airfield.  | Adak            | 37                       |
| <b>Total HD 37</b>  | <b>380.0</b>                      |   |                 |                          |

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| Replace Nome State Office Building Fuel Tank                   | 75.0                              | The current tank is a single wall underground tank in which the condition is unknown, has been in place since 1974. An above ground double wall tank is needed to ensure environmental safety. A concrete foundation and stub wall surrounding the seaward side of the tank will be needed. For the location, an unused exterior door will need to be removed and filled in on the West facing wall of the State Building.   | Nome State Office Building | 39                       |
| Repair Saint Mary's Bunkhouse Foundation and Replace Siding    | 130.0                             | The current foundation is of substandard construction and is failing. The building has had to be releveled several times due to foundation failure. New beams and pads are needed to prevent further structure damage. Water has penetrated the siding in various places and has caused the sheathing to lose its screw holding capacity, allowing siding to be blown off exposing more sheathing and insulation. Maintenance at Saint Mary's is a logistical challenge with Building Maintenance Staff based in Nome. | Saint Marys A/P            | 39                       |
| <b>Total HD 39</b>   | <b>205.0</b>                      |  |                            |                          |
| Replace Barrow ARFF Freezeback System Chiller                  | 50.0                              | Original system chiller has failed multiple times over the last three years. This system is critical to the foundation integrity of this airport building.   | Deadhorse Station          | 40                       |
| Hydraulic Component Replacements (ramp hydraulics not on list) | 30.0                              | Replace Hydraulic components that have reached there useful life at all AMHS unmanned Mooring Facilities.  | Statewide                  | 1-40                     |
| Statewide Replace Waste Oil Burners                            | 50.0                              | Replace waste oil burners at fourteen maintenance stations across the state. Total request is \$110.0, reduced to match available funding.   | Statewide                  | 1-40                     |
| <b>Total HD 1-40</b>   | <b>80.0</b>                       |  |                            |                          |
| Repair & Renew Peger Complex Building Facia                    | 100.0                             | Redwood siding used as facia on all original Peger buildings is in rough shape after 40 years. Most needs replacement to restore cosmetic appeal. All need stain/paint. This includes Admin, Materials, Maintenance, Supply, SEF,Tech Services, and Vehicle Warm Storage buildings. This project would implement alternative textured and prefinished metal siding. The siding is a close match in appearance and maintenance free upon installation. Installation cost is 1/2 that of the original wood material.     | Peger Complex              | 7-11                     |
| Anchorage Light Duty Maintenance Shop Vehicle Lift             | 40.0                              | Replace the vehicle lift at the Anchorage light duty maintenance shop.   | Anchorage                  | 17-32                    |

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| Replace Peger Materials Building Roof | <b>350.0</b>                      | Original building roof needs replacement. The roof drains on this building need to be redesigned do eliminate substantial ponding. The estimated cost was developed by USKH. | Peger Complex Materials Building | <b>6-10, 12</b>          |

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|--|----------------|
| <b>Total Facilities Deferred Maintenance Allocation:</b> | <b>3,100.0</b> |
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