

**FY2013 Highways - 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> |
|--|-----------------------------------|---|-----------------|--------------------------|
| Southeast Region Crack Sealing               | <b>100.0</b>                      | Crack seal roads throughout the Southeast Region to help extend the life of the existing pavement.  | POWI            | <b>1</b>                 |
| Mitkof Highway Vegetation Management         | <b>50.0</b>                       | Establish clear zone and improve sight distances on Mitkof Highway MP 30-32 through vegetation management efforts   | Petersburg      | <b>2</b>                 |
| Channel Drive Mill and Pave                  | <b>200.0</b>                      | Mill and pave deteriorated surface of Channel Drive MP 0.38-0.7   | Juneau          | <b>3</b>                 |
| Glacier Highway Vegetation Management        | <b>30.0</b>                       | Open roadway, improve sight distance, and improve view shed on Glacier Highway MP 12 - 40 through vegetation management efforts   | Juneau          | <b>4</b>                 |
| Prince of Wales Island Vegetation Management | 25.0                              | Cut vegetation Big Salt MP 0-9.8. Also cut vegetation on the Craig/Klawock/Hollis Highway between MP 0-22.  |                 | 5                        |
| Dyea Road Gravel Resurfacing                 | 75.0                              | Place D-1 and dust palliative on Dyea Road MP 1.7 - 7   | Skagway         | 5                        |
| State Street Mill & Pave                     | 75.0                              | Mill and Pave MP 0-0.14   | Skagway         | 5                        |
| Haines Highway Asphalt Repair                | 50.0                              | Grind and patch damaged pavement on Haines Highway at MP 4.3 and 17   | Haines          | 5                        |
| Klondike Highway Guardrail Repair            | 40.0                              | Replace damaged guardrail on Klondike Highway MP 3 - 14.9   | Haines          | 5                        |
| Haines Highway                               | 25.0                              | Replace/Repair guardrail MP 1-10  | Haines          | 5                        |
| Yakutat Area Sign Replacement                | 10.0                              | Replace damaged/worn signs on Dangerous River Road and Lost River Road.   | Yakutat         | 5                        |
| <b>Total HD 5</b>                            | <b>300.0</b>                      |   |                 |                          |
| Valdez District Vegetation Management        | <b>20.0</b>                       | Improve sight distances at curves and intersections and control snow drifting on roads throughout the district through vegetation management.   | Valdez District | <b>5, 12</b>             |
| Interior Aviation District                   | 50.0                              | Place gravel on the Galena roads; Campion and Dike  | Galena          | 6                        |
| Tok District Crack Seal & Banding            | 150.0                             | Crack seal/band Priority One roads throughout the Tok District to help extend the life of the existing pavement. Current Federal Preventative Maintenance funds are not adequate to crack seal all areas that are in desperate need of surface sealing. Sealing the surface of these roads will prevent water intrusion into the base and will extend the life of the road surface and substructure. The scope of this project would seal 1,00,000 ft. of cracks, covering 210 miles of road. | Tok District    | 6                        |
| Tok District Guardrail Repair                | 120.0                             | Re-stock and replace damaged guardrail throughout Tok district  | Tok District    | 6                        |

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| Taylor Highway Sign Replacement          | 35.0                              | Replace 50 old and faded signs. Several of the signs are very faded and the sign posts are in poor condition. Repair and replace as needed to bring them up to standard.  | Tok District                                 | 6                        |
| <b>Total HD 6</b>                        | <b>355.0</b>                      |   |  |                          |
| Tazlina District Vegetation Management   | 75.0                              | Improve sight distances at curves and intersections and control snow drifting on roads throughout the district through vegetation management.   | Tazlina District                             | 6, 12                    |
| Tok Cutoff Vegetative Management         | 50.0                              | Cut vegetation on Tok Cutoff mile 18-92   | Tazlina District/Slana                       | 6, 12                    |
| Tazlina District Calcium Chloride        | 175.0                             | Place calcium chloride on the Denali and McCarthy Hwy and local roads throughout the District to reduce dust and reduce the loss of fines on the road surface.  | Tazlina District                             | 6, 12                    |
| Tazlina District Crack Seal/Banding      | 150.0                             | Crack seal priority roads throughout the Tazlina District to help extend the life of the existing pavement. Current Federal Preventative Maintenance funds are not adequate to crack seal all areas that are in desperate need of surface sealing. Sealing the surface of these roads will prevent water intrusion into the base and will extend the life of the road surface and substructure. | Tazlina District                             | 6, 12                    |
| Tazlina District Guardrail Repair        | 100.0                             | Re-stock and replace damaged guardrail throughout Tazlina district  | Tazlina District                             | 6, 12                    |
| <b>Total HD 6, 12</b>                    | <b>550.0</b>                      |   |  |                          |
| Tok District Vegetation Management       | 145.0                             | Improve sight distances at curves and intersections and control snow drifting on roads throughout the district through vegetation management.   | Tok District                                 | 6, 12, 39, 40            |
| Tok District Calcium                     | 175.0                             | Place calcium chloride on the Taylor Hwy and local roads throughout the Tok District to reduce dust and reduce the loss of fines on the road surface.   | Tok District - South Fork, O'Brien and Eagle | 6, 12, 39, 40            |
| <b>Total HD 6, 12, 39, 40</b>            | <b>320.0</b>                      |   |  |                          |
| Western District Calcium Chloride        | <b>150.0</b>                      | Place calcium chloride on the Kougarok, Teller and other gravel roads throughout the District to reduce dust and reduce the loss of fines on the road surface.  | Western District                             | <b>6, 39, 40</b>         |
| Western District Vegetation Management   | <b>30.0</b>                       | Improve sight distances at curves and intersections and control snow drifting on roads throughout the district through vegetation management.   | Dalton District Sag River                    | <b>6, 7, 12, 40</b>      |
| Fairbanks District Vegetation Management | 90.0                              | Improve sight distances at curves and intersections and control snow drifting on roads throughout the district through vegetation management.   | Fairbanks District                           | 6, 7, 8, 11, 12          |

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|---------------------------------------|-----------------------------------|---|--------------------------------|--------------------------|
| North Pole Area Vegetation Management | 20.0                              | Improve sight distances at curves and intersections and control snow drifting on roads throughout the North Pole area through vegetation management.  | Fairbanks District - Fairbanks | 6, 7, 8, 11, 12          |
| Fairbanks District Calcium Chloride   | 150.0                             | Place calcium chloride on the Steese Hwy and local roads throughout the District to reduce dust and reduce the loss of fines on the road surface.   | Fairbanks District             | 6, 7, 8, 11, 12          |
| <b>Total HD 6, 7, 8, 11, 12</b>       | <b>260.0</b>                      |   |                                |                          |
| Denali District Vegetation Management | 80.0                              | Improve sight distances at curves and intersections and control snow drifting on roads throughout the district through vegetation management.   | Denali District                | 6, 8, 12                 |
| Denali District Calcium Chloride      | 150.0                             | Place calcium chloride on the Denali Hwy and local roads throughout the District to reduce dust and reduce the loss of fines on the road surface.   | Denali District                | 6, 8, 12                 |
| <b>Total HD 6, 8, 12</b>              | <b>230.0</b>                      |   |                                |                          |
| Fairbanks District Crack Seal/Banding | 160.0                             | Crack seal roads throughout the Fairbanks District to help extend the life of the existing pavement. Current Federal Preventative Maintenance funds are not adequate to crack seal all areas that are in desperate need of surface sealing. | Fairbanks District             | 7-11                     |
| Denali District Spot Asphalt Repairs  | 120.0                             | Spot repairs throughout the district. Work includes leveling dips, asphalt patching, crack sealing, and banding.  | Denali District                | 7-11                     |
| Skyline Drive Paving                  | 850.0                             | Mill & repave 2 miles of road surface. To include ditch cleaning & culvert cleaning. The yearly maintenance costs of this road are rising, due to the age of the pavement.  | Fairbanks District - Fairbanks | 7-11                     |
| Denali District Guardrail Repair      | 50.0                              | Re-stock and replace damaged guardrail on the Parks Highway   | Denali District                | 7-11                     |
| Fairbanks District Guard Rail Repair  | 120.0                             | Re-stock and replace damaged guardrail throughout Fairbanks district  | Fairbanks District             | 7-11                     |
| <b>Total HD 7-11</b>                  | <b>1,300.0</b>                    |   |                                |                          |
| Glenn Hwy Vegetation Management       | 20.0                              | Re-establish sight distances on Glenn Hwy MP 118-176 through roadside vegetation management efforts   | Tazlina District - Nelchina    | 12                       |
| Valdez District                       | 50.0                              | Place calcium chloride on the Copper River Highway and local roads throughout the District to reduce dust and reduce the loss of fines on the road surface.   |                                | 12                       |
| Kennecott Road Safety Improvements    | 100.0                             | Remove iron in the road, place a gravel lift, and add crushed aggregate surfacing material.   | Tazlina                        | 12                       |

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| Elevate and Gravel Surface Larry Spengler Rd. in Delta | 300.0                             | This road is part of the Old Richardson Highway. It is constructed adjacent to the Delta River using native river material. Over the years, this road has deteriorated due to buried silt and vegetation used during construction. The road has numerous soft areas and is prone to flooding during high water. This project would apply a geotextile to stabilize the road and add a 2-foot lift of rock with a 4" topping of crushed rock to approximately 6 lane miles of road. | Tok District - Delta | 12                       |
| Valdez District Crack Sealing                          | 60.0                              | Crack Sealing Valdez District  | Valdez District      | 12                       |
| Glenn Highway  | 50.0                              | Repair guardrail MP 29-60  | Palmer               | 12                       |
| Valdez District Guardrail Repair                       | 20.0                              | Re-stock and replace damaged guardrail throughout Valdez district  | Valdez District      | 12                       |
| <b>Total HD 12</b>                                     | <b>600.0</b>                      |  |                      |                          |
| Lucus Road MP , 0-1.4                                  | <b>120.0</b>                      | Overlay sections of pavement on Lucas Road   | Wasilla              | <b>14</b>                |
| Schrock Road   | 60.0                              | Re-establish clear zone and sight distances on Schrock Road through roadside vegetation management efforts   | Meadow Lakes         | 15                       |
| Pittman Road   | 80.0                              | Re-establish clear zone and sight distances on Pittman Road through roadside vegetation management efforts   | Meadow Lakes         | 15                       |
| Petersville RD   | 200.0                             | Gravel lifts MP 17 to 36   | Petersville          | 15                       |
| Mat-Su Sign Replacement                                | 30.0                              | Replaced damaged signs.  | Mat-Su               | 15                       |
| <b>Total HD 15</b>                                     | <b>370.0</b>                      |  |                      |                          |
| O'Malley, Between Old Seward - Upper O'Malley          | <b>1,100.0</b>                    | Rotomill and pave /or/ pre-level and overlay   | Anchorage            | <b>31</b>                |
| Mackey Lake Road , 0-2.7                               | 610.0                             | Overlay pavement   | Sterling             | 34                       |
| Sterling Highway MP 37-175                             | 50.0                              | Guardrail repair   | Peninsula District   | 34                       |
| <b>Total HD 34</b>                                     | <b>660.0</b>                      |  |                      |                          |
| Seward Highway MP 104-125                              | 20.0                              | Re-establish clear zone and sight distances through roadside vegetation management efforts   | Anchorage            | 35                       |
| North Fork Road  | 300.0                             | Spot repairs, crushed aggregate surfacing, and application of calcium chloride   | Homer                | 35                       |
| Jakolof Bay Road MP 0-12                               | 300.0                             | Spot repairs - gravel lift and crushed aggregate base course. Also apply calcium chloride for dust control   | Seldovia             | 35                       |
| West Hill  | 700.0                             | Replace gravel section and re-pave 1.5-2   | Homer                | 35                       |
| Seward Highway MP 1-46                                 | 100.0                             | Guardrail repair   | Seward               | 35                       |
| <b>Total HD 35</b>                                     | <b>1,420.0</b>                    |  |                      |                          |

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| Lake View, Sawmill, Otmeloi Way, Abercrombie   | <b>200.0</b>                      | Gravel lift and surface repairs for 1.7 miles  | Kodiak             | <b>36</b>                |
| Peninsula Highway, King Salmon                 | <b>25.0</b>                       | MP 14 , complete replacement   | King Salmon        | <b>37</b>                |
| Western District Pavement Spot Repairs         | <b>180.0</b>                      | Spot repair areas of damaged pavement.   | Western - Nome     | <b>39</b>                |
| Matsu District Calcium Chloride                | 100.0                             | Place calcium chloride on roads throughout the district to reduce dust and the loss of fines on the road surface.                                      | Mat-Su             | 13-16                    |
| Matsu District Asphalt Spot Repairs            | 800.0                             | Multiple short segments on priority roads with deteriorated pavement will be milled and overlaid.  | MatSu              | 13-16                    |
| <b>Total HD 13-16</b>                          | <b>900.0</b>                      |  |                    |                          |
| Anchorage Area Spot Repairs                    | <b>800.0</b>                      | Multiple short segments on priority roads with deteriorated pavement will be milled and overlaid.  | Anchorage          | <b>16-27, 29-32</b>      |
| Anchorage District                             | 100.0                             | Guardrail repair for the Anchorage and Girdwood Stations   | Anchorage          | 17-.32                   |
| Glenn Highway MP 0-28.66                       | 60.0                              | Re-establish clear zone and sight distances through roadside vegetation management efforts.  | Anchorage          | 17-32                    |
| Minnesota Drive                                | 15.0                              | Re-establish clear zone and sight distances through roadside vegetation management efforts.  | Anchorage          | 17-32                    |
| <b>Total HD 17-32</b>                          | <b>175.0</b>                      |  |                    |                          |
| C Street, 15th - International Airport         | <b>2,200.0</b>                    | Rotomill and pave /or/ pre-level and overlay   | Anchorage          | <b>23, 24</b>            |
| Sterling Highway                               | 130.0                             | Re-establish clear zone and sight distances on Sterling Hwy MP 98-129 through roadside vegetation management efforts                                   | Peninsula District | 33-35                    |
| Peninsula District Calcium Chloride            | 100.0                             | Place calcium chloride on roads throughout the district to reduce dust and the loss of fines on the road surface. Kodiak roads will receive attention. | Peninsula District | 33-35                    |
| Peninsula District Spot Repairs                | 800.0                             | Multiple short segments on priority roads with deteriorated pavement will be milled and overlaid.  | Peninsula          | 33-35                    |
| <b>Total HD 33-35</b>                          | <b>1,030.0</b>                    |  |                    |                          |
| Regionwide Traffic Sign Replacement            | 215.0                             | Replace old and non compliant signs region wide  | Northern Region    | 1-40                     |
| Regionwide Traffic Signal Upgrades             | 200.0                             | Upgrade traffic signal controllers and lights. Includes upgrading incandescent signal balls to LED lights.   | Northern Region    | 1-40                     |
| Regionwide Traffic Signal Upgrades             | 100.0                             | Upgrade traffic signal controllers and lights. Upgrade and replace LED lights.   | Southeast Region   | 1-40                     |
| Central Region Culvert Repairs and Replacement | 900.0                             | Repair and/or replace culverts that are not functioning properly or are no longer serviceable to assure integrity of the roadway is maintained.        | Central Region     | 1-40                     |

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| Northern Region Culvert Repairs and Replacement  | 950.0                             | Repair and/or replace culverts that are not functioning properly or are no longer serviceable to assure integrity of the roadway is maintained.   | Northern Region  | 1-40                     |
| Southeast Region Culvert Repairs and Replacement | 250.0                             | Repair and/or replace culverts that are not functioning properly or are no longer serviceable to assure integrity of the roadway is maintained.   | Southeast Region | 1-40                     |
| Central Region Bridge Repairs                    | 250.0                             | This project includes various repairs to multiple bridges throughout the region. Work includes: repair or replacement of bridge deck joints including pourable, compression, strip seal, and compression seals; repair or replacement of damaged bridge rail, posts, and bridge deck anchorage; repair of small quantities of concrete bridge deck and asphalt overlays; remove debris obstructing water flow under bridges to reduce the possibility of scour; and replace name plate, object markers, and posting signs at bridges. | Central Region   | 1-40                     |
| Northern Region Bridge Repairs                   | 250.0                             | This project includes various repairs to multiple bridges throughout the region. Work includes: repair or replacement of bridge deck joints including pourable, compression, strip seal, and compression seals; repair or replacement of damaged bridge rail, posts, and bridge deck anchorage; repair of small quantities of concrete bridge deck and asphalt overlays; remove debris obstructing water flow under bridges to reduce the possibility of scour; and replace name plate, object markers, and posting signs at bridges. | Northern Region  | 1-40                     |
| Commissioner's Reserve                           | 110.0                             | This funding allows the department to respond to unforeseen conditions that require immediate action. This funding is used statewide to respond, as needed, as unsafe conditions arise.   | Statewide        | 1-40                     |
| <b>Total HD 1-40</b>                             | <b>3,225.0</b>                    |   |                  |                          |

|  |                   |
|--|-------------------|
| <b>Total Highways Deferred Maintenance Allocation:</b> | <b>\$16,900.0</b> |
|--|-------------------|