

Highway Deferred Maintenance List

FY 2010

Reference Number: 30631

Depart of Transportation & Public Facilities

FY2010 Highways - Deferred Maintenance Inventory

Region	Project Title	Project Cost (000)	Project Description	Location	Election
VEGETATION					
1	Fairbanks Area Brush Cutting	100.0	This project provides for cutting brush along roads throughout the Fairbanks District. Brush cutting would be completed to improve sight distance at curves and intersections and to provide adequate sight distance in area with known animal crossings. Vegetation on many of these priority roads has not been cut for years due to manpower and funding shortages.	Fairbanks District	7-D,8-D,9-E,10-E,11-F,12-F
2	P.O.W. Brush Cutting	50.0	Klawock/Hollis Hwy	Klawock MP 15-30	
3	Knik-Goose Bay Road	89.0	Brush Cutting	Knik	15-H
4	Richardson Hwy, MP 0 - 42 Valdez & Thompson Pass MS	60.0	Cut brush back from guardrail, road surface and reestablish sight distance on roads that have not been brush cut for several years. Some areas will require use of a mower-head excavator to reach from roadside.	Valdez District	12-F
5	Ketchikan Area Brush Cutting	30.0	N. Tongass	Ketchikan MP 4.8-13.8	
6	Seward Highway MP 35-37	31.4	Establish Clear Zone	Quartz Creek	35-R
7	Denali Highway Brush Cutting	100.0	Cut brush back from road surface and reestablish sight distance on roads that have not been brush cut for several years.	Denali District	8-D, 12-F
8	Kake Brush Cutting	7.5	Keku Rd Brush cut	Kake MP 0-3	
9	Big Lake Road	75.0	Brush Cutting	Big Lake	15-H
10	Sourdough & Siana Vegetative Management	100.0	This project will provide much needed cutting of heavy brush and trees in the Sourdough and Siana areas of the Tazlina District.	Tazlina District	6-C, 12-F
11	Sitka Brush Cutting	10.0	Sawmill Creek Road	Sitka MP 0-7	
12	Hollywood Road	76.0	Brush Cutting	Wasilla	15-H
13	Tok District Highways - Vegetative Management	200.0	Brush cut both sides of (portions of) the Alaska, Richardson and Taylor Highways and the Tok Cutoff. Several areas along these highways have not been brushed in 5 years due to manpower and equipment shortages. This project would allow M&O to develop brush cutting contract(s) to address brushing needs throughout the corridors. Due to the terrain, brush cutting this corridor will require a variety of specialized equipment.	Tok District	6-C
14	Sitka Brush Cutting - Halibut Pt Rd	10.0	Halibut Point Road	Sitka MP 0-7	
15	Knik River Road	55.0	Brush Cutting	Matanuska	16-H
16	St. Marys - Mountain Village Road Brush Cutting	20.0	Brush cut both sides of the road from St. Mary's, to the airport (MP 0-8). Sections of road have not been cut in quite a while, no available equipment, and dense vegetation is up to the edge of the road in places.	Western District	39T
17	Exit Glacier Road	24.3	Spot repairs	Seward	35-R
18	Portage Highway and Seward Highway @ Portage area	34.0	Brush Cutting	Portage	32-P
19	Copper River Hwy, MP 2 - 49 Cordova MS	40.0	Cut brush back from guardrail, road surface and reestablish sight distance on roads that have not been brush cut for several years. Some areas may require use of a mower-head excavator to reach from	Valdez District	6-C
20	Lucas Road	16.0	Brush Cutting	Wasilla	14-G

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
21	Steeze Hwy MP 128-162 Brush Cutting	90.0	Brush cut the Steeze Hwy from Central to Circle (MP 128-162). Sections of road have grown up 8' - 10' due to a decade or more of neglect. No equipment or funding has been available for years to accomplish this needed brushing work, and dense vegetation is up to the edge of the roadway in places.	Fairbanks District	7-D,8-D,9-E,10-E,11-F,12-F
22	Parks Highway MP 42-52	90.0	Brush Cutting	Houston	15-H
23	Nome Area Brush Cutting	125.0	Cut brush where necessary on Nome area road system. Between MP 31-34 we will widen the safety area to right of way limits. This project will result in an estimated spring maintenance cost savings of \$15,000 or more in yearly road opening efforts.	Western District	39-T
24	Pittman Road	80.0	Brush Cutting	Meadow Lakes	15-H
25	Silvertip Area Roads and Highways	30.0	Brush Cutting	Silvertip	32-P
26	Schrock Road	60.0	Brush Cutting	Meadow Lakes	15-H
27	Trunk Road	65.0	Brush Cutting	Palmer	13-G
28	Sterling Highway MP 158-169	100.0	Establish Clear Zone	Anchor Point	35-R
VEGETATION MANAGEMENT		\$ 1,768.20			
GRAVEL SURFACING					
1	Denali Highway Gravel Resurfacing	100.0	This project would provide gravel resurfacing funds for the portion of Denali Highway that is within the Cantwell MS's coverage.	Denali District	8-D, 12-F
2	South Tongass Ave.	240.0	South Tongass D-1 resurface	Ketchikan MP 11-12	
3	Hatcher Pass Road MP 9-21	1,000.0	Gravel embankment spot repair and ditching	MatSu	35-R
4	Steeze Hwy Surface Repair (MP 128-162)	100.0	5,000 cy of surface aggregate would finish off repairs to the washed out areas and locations that received new culverts this year	Fairbanks District	7-D,8-D,9-E,10-E,11-F
5	Revilla Road	240.0	Revilla Road D-1 resurface	Ketchikan MP 3-4	
6	Squaw Creek Road	85.0	Embankment repair and culverts	Dillingham	37-S
7	St. Mary's-Mountain Village Road Gravel Fills & Resurfacing (MP 8-21)	200.0	Place gravel in areas where the road has settled below adjacent tundra, and resurface approximately 5 - 8 miles of gravel roadway with an estimated 5,000 CY of D-1. This project would resurface the worst portions of this road, which is in desperate need of additional surfacing material.	Western District	39-T
8	Sawmill Creek Road	260.0	Sawmill Creek D-1 resurface	Sitka MP 5.7-7.1	
9	Jakolof Bay Road	217.8	Gravel resurface	Seldovia	35-R
10	Kougarok Road Improvements (MP 32-34)	100.0	This project would provide for the placement of material to raise the existing grade in this area by approximately four feet. This is a high snowfall area and raising the grade will help reduce spring road opening costs. The grade raise and the replacement/installation of several culverts in this area will improve drainage and help protect the roadway embankment, thus extending the life of the road.	Western District	39-T
11	Quartz Creek East and West and Williams Road	97.4	Gravel resurface	Quartz Creek	32-P

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
12	Taylor Highway - Stockpile Road Surfacing Material	500.0	Provide some gravel stockpiles approximately 50 miles apart on the Taylor Hwy (as feasible). Strategic placement of stockpiles reduces resurfacing project costs by reducing the cost of hauling material, through the reduction of fuel cost, wear and tear on equipment and the potential for accidents. Approximately 80 miles of the Taylor is constructed of native rock. A substantial amount of effort is used grading large chunks of bedrock in an effort to keep the road safe. Due to the lack of crushed rock, this road is extremely unsafe when it is wet. As a result, tour buses, motor homes, fuel trucks and travel trailers slide off this road on an annual basis.	Tok District	6-C
13	Old Edgerton Hwy Repair/Resurface	80.0	Repair specific portions of the Old Edgerton Hwy that have little or no base material and is prone to annual flooding.	Tazlina District	12-F
14	Nome- Teller Highway Repairs	150.0	This project would provide for various surface repairs on the Nome- Teller Highway between MP 21 and MP 31. Repairs include hauling and placing gravel to fill in existing dips between MP 24 and 26. The project also includes a grade raise at MP 29 to eliminate spring glacier problems. Between MP 21 and 22 and from MP 23-31.5 existing shoulders will be pulled and the material processed utilizing the Fahr Roadcrusher in order to create new driving surface aggregate. These segments of highway have received very limited maintenance over the last several years due to manpower and funding shortages. This project will provide a smoother driving surface, improve safety by eliminating dips in the roadway, and reduce maintenance costs by eliminating glaciering and by crushing and placing a new driving surface aggregate.	Western District	39-T
15	Elliott Highway Gravel Resurfacing	100.0	This project would provide gravel resurfacing for the Elliott Highway.	Denali District	7-D,
16	Denali Highway: Dust Control (Calcium Chloride Application)	60.0	This project would be to apply 100 tons of CaCl to the sections of the Denali Hwy that would most benefit from dust control.	Denali District	8-D, 12-F
17	Elliott Highway: Dust Control (Calcium Chloride Application)	60.0	This project would be to apply 100 tons of CaCl to the sections of the Elliott Hwy that would most benefit from dust control.	Denali District	7-D
GRAVEL SURFACING		\$ 3,590.20			
ASPHALT SURFACE REPAIRS					
1	Glenn Highway Dalton Highway Asphalt Repairs (Hot Mix) MP 19-23	2700.0 40.0	Rut Repair - Mill and overlay This project would provide repairs for existing asphalt surface which has incurred substantial potholing this year. This project will extend the life of the existing surface, provide a smoother and safer roadway, and will reduce future maintenance costs.	N-S Birchwood Denali District	17,8-20,5 6-C
2	Glacier Highway Repairs	500.0	Brotherhood Bridge to Hamilton Mill and fill	Juneau MP 9.3-10.2	
3	Jewel Lake Road (Raspberry to Strawberry)	5.0	Overlay pavement in southbound lane (0.2 miles)	Anchorage	
4		3,000.0	Rut Repair - Mill and overlay	0-3	27-N
5	Gaswell / Wendy Lane Fairbanks Area Local Roads Asphalt Banding	150.0	Restore cross cracked asphalt due to frost expansion and contraction, extend the life of pavement and greatly improve ride quality.	Fairbanks District	7-D,8-D,9-E,10-E,11-F
6					

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
7	POW Pavement Repairs	45.0	Dip repair on Craig/Klawock/Hollis Hwy	Klawock MP 0-30	
8	Parks Highway	27,000.0	Rut Repair - Mill and overlay	72-99	
9	Huffman Road (Old Seward to Carrs entrance)	14.4	Overlay pavement all 3 lanes (0.3 miles)	Anchorage	31-P
10	Northway Road Re-surfacing (High Float)	2.0	Resurface 9 miles of Northway Road. Maintenance was deferred for 3 years pending the execution of the Northway airport project. At present time, approximately 50% of the road will need to be resurfaced at the end of the project. The remaining 50% would benefit from a resurfacing due to the shortened life span resulting from the numbers of heavy trucks utilizing the road during the 2008 airport project.	Tok District	6-C
11	North Cohoe Loop	5,000.0	Rut Repair - Mill and overlay		
12	North Tongass Highway Repairs	75.0	Mill and Pave	Ketchikan MP 4.8-13.8	
13	Smith Road MP 0-0.8	65.0	Overlay pavement	Palmer	16-H
14	Sterling Highway	7,000.0	Rut Repair - Mill and overlay	83-90	
15	Edgerton Highway Surface Maintenance	120.0	Resurface sections of the Edgerton Highway that are damaged due to frost heaving. Currently, federal preventative maintenance funds are not available to repair these heavily damaged areas.	Tazlina District	12-F
16	Kake Road Repairs	55.0	Cold Patch and fabric repair of dip in the road	Kake MP 2	
17	Glenn Highway	7,800.0		Peters Ck. - Eklunta 22-25.5	
18	Ridgecrest Drive	100.0	Rut Repair - Mill and overlay	Bethel	38-S
19	Airport Road, MP 0.5 - 2.8	50.0	Airport Road (Valdez) needs repair and rehabilitation - particularly chip sealing, to perform properly over the next several years.	Valdez District	12-F
20	Mosquito Lake Road Repairs	350.0	Mosquito Lake Road: Core out road remove log cord and replace with rip rap and rebuild base and double chip seal.	Haines MP 0.9	
21	Seward Highway	15,000.0	Rut Repair - Mill and overlay	62-75	
22	Outer Springer Road MP 0-1.5	117.0	Overlay pavement	Palmer	13-G
23	Ester Dome Road Surface Repair	275.0	RAP and Chip surface has completely failed and requires excessive maintenance and attention. This project would reshape the base course, inject CSS-1 to create a 3% residual ATB, and then double chip the surface for future ease of maintenance.	Fairbanks District	7-D
24	Sterling Highway	15,000.0	Rut Repair - Mill and overlay	45-60	
25	Angoon Road Repairs	600.0	Patch and new chipseal overlay	Angoon MP 0-	
26	Exit Glacier Road	24.3	Spot repairs	Seward	35-R
27	Eagle River Loop	10,000.0	Rut Repair - Mill and overlay	Hiland-Eagle River Rd	
28	Resurface Clearwater Lake Loop Road in Delta	75.0	Purchase, haul, and place modified C-1 surface aggregate on Clearwater Lake Loop Road in Delta Junction. The total length of the project is approximately 4 miles. This project will help reduce maintenance costs and improve driver safety by providing a smooth driving surface that will not require as	Tok District	12-F
29	Zimovia Highway	100.0	Zimovia Highway Asphalt Patching a or Chip seal	Wrangell MP 7-8	

Region	Priority	Project Title	Project Cost (000)	Project Description	Location	Election
	30	Glenn Edlund Road MP 0-0.72	7,000.0 61.0	Rut Repair - Mill and overlay Overlay Pavement	35-42 Wasilla	16-H
	31	Regional Emulsified Asphalt Treated Base Stockpiles	800.0	This project would provide for the purchase of aggregate and emulsion in order to create regional stockpiles of EATB's around the Region for use on the road system. Due to limitations in Federal Preventative Maintenance funding, M&O has been unable to construct base improvements in areas with melting permafrost. This project would significantly improve M&O's highway patching program by providing the EATB material to be placed before the high float/chip seal patch is placed.	Northern Region	
	32	Hoonah Airport Road Repairs	475.0	Airport Road mill and fill	Hoonah MP 0.7- 1.3 Anchorage	32-P
	33	Clarks Road	244.0	Base repair, mill and overlay pavement	Valdez District	12-F
	34	Rich Highway - Chip Seal Repairs MP 27 - 42	175.0	This project would provide repairs for existing asphalt surface which has incurred substantial potholing this year. This project will extend the life of the existing surface, provide a smoother and safer roadway, and will reduce future maintenance costs.	Sitka MP 6.6- 7.3	
	35	Halibut Point Rd Repairs	600.0	Halibut Point Road EATB & Chip Seal	Matanuska	16-H
	36	Knik River Road	237.0	Base upgrade and pave	Palmer	16-H
	37	Clark Wolverine Road	348.0	Base upgrade and pave above existing paved section	Sutton	12-F
	38	Jonesville Road MP 0-2.5	200.0	Overlay pavement	Anchorage	25-M
	39	C Street @ Fireweed Lane	9.6	Overlay pavement	Butte	16-H
	40	Bodenburg Loop Road MP 0-5.7	453.0	Overlay pavement	Wasilla	16-H
	41	Fairview Loop Road MP 9.2-11.1	148.0	Overlay pavement	Palmer	13-G
	42	Farm Loop Road MP 0-2.9	224.0	Overlay pavement	Anchorage	18-I
	43	New Glenn Highway @ Ft. Richardson Overpass	96.0	Overlay pavement	Anchorage	23-L
	44	Reeve Boulevard	6.4	Overlay pavement	Sterling	34-Q
	45	Sterling Highway MP 81.7-89.5	7,800.0	Rotomill and pave	Anchorage	28-N
	46	Old Klatt Road	93.6	Overlay pavement	Anchorage	31-P
	47	Jonhs Road	53.1	Overlay pavement	Anchorage	31-P
	48	Old Seward Highway Huffman to Potter	44.0	Overlay sections of pavement	Eagle River	32-P
	49	Eagle River Road MP 6-End	317.4	Overlay pavement	Soldotna	34-Q
	50	West Drive, Lakeshore and Longmere Road	153.5	Base prep and pave	Soldotna	33-Q
	51	Poppy Ridge MP 0-0.5	120.0	Rotomill and pave	Soldotna	33-Q
	52	E. Poppy MP 0-0.9	182.7	Rotomill and pave	Soldotna	33-Q
	53	College Loop Road MP 0-1.4	314.9	Rotomill and pave	Anchorage	31-P
	54	Birch Road (Huffman to O'Malley)	16.0	Base repair and overlay	Anchorage	32-P
	55	DeArmoun Road (last 1 mile)	100.0	Base repair, ditching and overlay pavement	Birchwood	16-H
	56	South Birchwood @ Chugiak HS	80.0	Overlay pavement	Anchorage	26-M
	57	Minnesota Drive Off-ramp @ West HS	4.8	Overlay pavement		

Region	Priority	Project Title	Project	Project Description	Location	Election
			Cost			
			(000)			
59		Potter Drive (C Street to Dowling)	17.6	Overlay pavement	Anchorage	24-L
60		Kincaid Road	292.5	Base repair, ditching and overlay pavement	Anchorage	27-N
61		Bragaw Street (Tudor Road to JAA Drive)	80.0	Overlay pavement	Anchorage	22-K
62		Seward Highway MP 90-97	224.0	Overlay pavement in outside lanes	Girdwood	32-P
63		Alyeska Highway MP 3-4	32.0	Overlay pavement	Girdwood	32-P
64		Portage Highway (Wye to Visitor Center)	16.0	Overlay pavement	Portage	32-P
65		Seward Highway MP 46-75	664.0	Overlay sections of pavement	Silvertip	32-P
66		Lucas Road MP 0-1.4	118.0	Overlay pavement	Wasilla	14-G
67		Pittman Road MP 0-2.5	200.0	Overlay pavement	Meadow Lakes	15-H
68		Mackey Lake Road MP 0-2.7	605.9	Rotomill and pave	Sterling	34-Q
69		Forest Lane MP 0.9-2.2	212.3	Base prep and pave	Soldotna	33-Q
70		Snug Harbor Road MP 1-2.1	49.5	Gravel resurface	Cooper Landing	34-Q
71		Kasilof Beach Road MP 0-1.1	195.2	Base prep and pave	Kasilof	34-Q
72		State Park, Rabbit Run and Browns Lake Roads	616.9	Base prep and pave	Soldotna	34-Q
73		Robinson Loop MP 0-5.1	1,133.9	Rotomill and pave	Soldotna	33-Q
74		Jewel Lake	\$5,350.0	Rut Repair - Mill and overlay	Dimond - International Airport	
75		Parks	\$17,000.0	Rut Repair - Mill and overlay	146 - 163	
76		DeBarr	\$10,000.0	Rut Repair - Mill and overlay	15th - Muldoon	
77		72nd Avenue	\$1,100.0	Rut Repair - Mill and overlay	Lake Otis - Lore	
78		68th Avenue	\$650.0	Rut Repair - Mill and overlay	Lake Otis - Brayton	
79		Potter Drive	\$450.0	Rut Repair - Mill and overlay	Arctic - C St.	
80		80th Avenue	\$200.0	Rut Repair - Mill and overlay	Lake Otis - Winchester	
81		East Seldon	\$2,300.0	Rut Repair - Mill and overlay	0 - 2.3	
82		Fairview Loop	\$11,000.0	Rut Repair - Mill and overlay	0 - 11	
83		Sterling	\$21,500.0	Rut Repair - Mill and overlay	96.5 - 118	
84		Lucas	\$1,400.0	Rut Repair - Mill and overlay	0 - 1.4	
85		49th State Street	\$1,300.0	Rut Repair - Mill and overlay	0 - 1.3	
86		Bodenburg Loop	\$5,700.0	Rut Repair - Mill and overlay	0 - 5.7	
87		Glenn	\$10,000.0	Rut Repair - Mill and overlay	25 - 35	
88		South Big Lake	\$2,000.0	Rut Repair - Mill and overlay	6 - 8	
89		Peninsula	\$15,000.0	Rut Repair - Mill and overlay	Naknek - King Salmon	
90		Sterling	\$39,000.0	Rut Repair - Mill and overlay	118 - 157	
91		Sterling	\$15,000.0	Rut Repair - Mill and overlay	157 - 172	
92		Rezanof Drive	\$7,500.0	Rut Repair - Mill and overlay	0 - 7.5	
93		O'Malley	\$2,900.0	Rut Repair - Mill and overlay	Old Seward - Upper O'Malley	
94		Seward	\$8,000.0	Rut Repair - Mill and overlay	18 - 26	
95		Seward	\$7,000.0	Rut Repair - Mill and overlay	43 - 50	

Region Priority	Project Title	Project		Project Description	Location	Election
		Cost	(000)			
96	Old Klatt	\$2,050.0	Rut Repair - Mill and overlay		Timberline - Victor	
97	Beaver Loop	\$4,000.0	Rut Repair - Mill and overlay		0 - 4	
98	Funny River	\$3,000.0	Rut Repair - Mill and overlay		0 - 3	
99	Dimond Boulevard	\$6,300.0	Rut Repair - Mill and overlay		Arctic - Jewel Lake	
100	Rezanof Drive West	\$4,000.0	Rut Repair - Mill and overlay		0 - 4	
101	Main Street (Homer)	\$500.0	Rut Repair - Mill and overlay		0.2 - 0.7	
102	East End	\$6,000.0	Rut Repair - Mill and overlay		14 - 20	
103	Dimond Boulevard	\$3,350.0	Rut Repair - Mill and overlay		Old Seward - Arctic	
104	Fireweed Lane	\$4,050.0	Rut Repair - Mill and overlay		Spennard - New Seward	
105	Abbott	\$1,800.0	Rut Repair - Mill and overlay		Lake Otis - Hilltop	
106	Victor Rd.	\$1,200.0	Rut Repair - Mill and overlay		all	
107	Birch	\$350.0	Rut Repair - Mill and overlay		O'Malley - Lore	
108	Northern Lights Boulevard	\$900.0	Rut Repair - Mill and overlay		Minnesota - Wisconsin	
109	A Street	\$2,300.0	Rut Repair - Mill and overlay		15th - International Airport	
110	C Street	\$2,200.0	Rut Repair - Mill and overlay		15th - International Airport	
111	Upper Huffman	\$1,050.0	Rut Repair - Mill and overlay		Hillside to end	
112	Palmer-Wasilla	\$14,700.0	Rut Repair - Mill and overlay		0 - 9.8	
	ASPHALT SURFACE REPAIRS	\$ 362,177.50				
GUARDRAIL REPAIR						
1	Tazlina District Guardrail Maintenance	120.0	Repair/replace damaged guardrail in the Tazlina district. This is a continuation of work that is already in progress.		Tazlina District	12-F, 6-C
2	Klondike Highway	105.0	Guardrail repair		Skagway MP	
3	Robinson Loop MP 0.6	3.1	Guardrail repair		Soldotna	33-Q
4	Alaska Highway Guardrail Replacement & Repair	100.0	Replace 630' and raise 430' of guardrail that has subsided and fallen away from the roadway. This section is located at Dot Lake corner which could be extremely hazardous if a vehicle runs off the road due to inadequate guard rail protection.		Tok District	6-C
5		75.0	Egan Drive, upgrade posts		Juneau MP 1.4-2.1	
6	Mackey Lake Road MP 0.2	4.9	Guardrail repair		Stelling	34-Q
7	Fairbanks Area Guardrail Repair	50.0	Several roads require rerelevelling guardrail posts due to freeze thaw jacking, to provide the safety they were designed for. Replace existing damaged w-beam guardrail at several locations. Many sections are twisted, gouged and some sections have sunk into the road shoulder below acceptable heights. This project would allow contractors to replace or adjust guardrail for us.		Fairbanks District	7-D,8-D,11-F,12-F
8	Seward Highway MP 18-22	200.0	Guardrail replacement		Seward	35-R
9	Richardson Hwy, MP 32 - 40 Thompson Pass MS	100.0	Replace 5,000 lineal feet of W-Beam guardrail, which needs rehab and replacement.		Valdez District	12-F
10	Funny River Road MP 1.7	15.5	Guardrail repair		Soldotna	33-Q

Region	Project Title	Project Cost (000)	Project Description	Location	Election
11	Parks Highway Guardrail Upgrade	150.0	Upgrade and replace damaged and substandard guardrail to meet current standards. Upgrade end treatments.	Denali District	6-C, 7-D, 8-D
12	Funny River Road MP 9	2.4	Guardrail repair	Funny River	34-Q
13	Chena Hot Springs Road (MP 1 - 24)	35.0	Grub out brush underneath guardrail. Several guardrails are no longer visible due to brush that has grown during period without sufficient funding. This project would remove the brush and roots and allow sight distance to be established on curves, intersections and areas with known animal crossings.	Fairbanks District	7-D, 8-D, 11-F, 12-F
14	Glenn Highway NB @ Eagle River Loop Exit	1.4	Guardrail repair	Eagle River	17-I
16	Funny River Road @ Bridge	4.4	Guardrail repair	Soldotna	33-Q
17	Cannery Road	1.1	Guardrail repair	Kalifornski	33-Q
18	Eagle River Road MP 0.5-0.6	1.7	Guardrail repair	Eagle River	17-I
19	Eagle River Loop @ Kantishna	1.5	Guardrail repair	Eagle River	17-I
20	Echo Lake Road	3.0	Guardrail repair	Soldotna	34-Q
21	Old Glenn Highway, S. Birchwood to S. Peters Creek	5.0	Guardrail repair	Chugiak	16-H
22	Glenn Highway @ N. Peters Creek Bridge	3.7	Guardrail repair	Peters Creek	16-H
23	Seward Highway MP 103-107	11.2	Guardrail repair	Indian	32-P
24	Seward Highway NB Huffman to Dowling	9.6	Guardrail repair	Anchorage	29-O
25	Glenn Highway SB @ Mirror Lake	2.5	Guardrail repair	Peters Creek	16-H
26	Seward Highway SB, 36th to Tudor	3.2	Guardrail repair	Anchorage	24-L
27	Seward Highway SB, Dimond to Chena River	4.5	Guardrail repair	Anchorage	29-O
28	Seward Highway MP 108-Rabbit Creek Off-ramp	3.2	Guardrail repair	Anchorage	32-P
29	Minnesota Drive @ Dimond Overpass	3.8	Guardrail repair	Anchorage	28-N
30	Eagle River Road MP 3.7-9.5	4.1	Guardrail repair	Eagle River	32-P
31	Glenn Highway SB, N. Birchwood to S. Birchwood	2.6	Guardrail repair	Birchwood	16-H
32	Glenn Highway SB, S. Birchwood to Eagle River Bridge	4.5	Guardrail repair	Eagle River	16-H/17-I
33	Seward Highway MP 77-90	80.0	Guardrail repair	Girdwood	32-P
34	Seward Highway @ Sivertip area	240.0	Guardrail repair	Sivertip	32-P
35	Pittman	4.2	Guardrail repair	Palmer	15-H
36	Parks @ Cottonwood Cr.	1.2	Guardrail repair	Palmer	14-G
37	Hatcher MP. 7-16	7.4	Guardrail repair	Palmer	13-G
38	Glenn Highway MP 61-62	20.0	Guardrail repair	Palmer	12-F
39	Glenn Highway MP. 58	3.0	Guardrail repair	Palmer	12-F
40	Glenn Highway MP. 57	1.2	Guardrail repair	Palmer	12-F

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
41	Palmer-Wasilla HWY @ Wasilla Cr.	8.0	Guardrail repair	Palmer	14-G
42	Palmer-Wasilla HWY @ Summerwood	2.1	Guardrail repair	Palmer	14-G
43	Parks and Glenn Intersection	10.0	Guardrail repair	Palmer	16-H
44	Old Glenn Highway @ MP 7.2	1.0	Guardrail repair	Palmer	16-H
45	Old Glenn Highway @ MP 3.3	2.7	Guardrail repair	Palmer	16-H
	GUARDRAIL REPAIR	\$ 1,412.70			
	TRAFFIC				
	SIGNALS / SIGNALS				
1	Parks Highway Sign Replacement	120.0	Most signs on the Parks Highway need replacement because of large amounts of snow removal wear and tear	Denali District	6-C, 7-D, 8-D
2	Ketchikan Sign Replacement	35.0	Replace Damaged Signs	Ketchikan	
3	Glenn Highway @ Sylvia Sign	3.0	Sign base and guardrail repair	Anchorage	18-I
4	Nome Highway Delineators	35.0	Install delineators on all Nome area winter maintained roads, totaling 30 miles. Posts to be installed off plowing surface area thus eliminating secondary berms and improving snow removal efficiency. Annual Savings \$10,000	Western District	39-T
5	Upgrade Paint Truck Message Board	25.0	The current message board on the paint truck can only display a directional arrow, which can no longer be used due to a state policy change. Replacing this with a programmable message board will improve crew safety and public safety.	Fairbanks District	7-D, 8-D, 9-E, 10-E, 11-F
6	College Road & Old Steese Hwy Badger Road & Old Rich Hwy	50.0	Replacement of existing 3M Program Visibility heads with current production models. This project would eliminate the high maintenance that has been required for years in two high traffic areas, and provide better service to the travelling public.	Fairbanks District	7-D, 8-D, 9-E, 10-E, 11-F
7	Western District Road Sign Improvements	50.0	All area roads. Replace, upgrade, repair all road, bridge and information signage.	Western District	6-C, 39-T
8	Airport Way	100.0	Replace obsolete traffic displays with current production models, significantly reducing operating costs.	Fairbanks District	9-E
9	Steese Highway	50.0	Replace obsolete traffic displays with current production models providing efficient and more reliable service to this high-traffic road.	Fairbanks District	7-D
	TRAFFIC SIGNS/SIGNALS	\$ 468.00			
	CULVERT REPAIRS				
1	Richardson Highway Culvert	200.0	Replace failing culverts between MP 130-150 on the Richardson Highway	Tazlina District	12-F
2	Allen Road Culvert Improvements	30.0	Culvert replacement or lining	Haines	
3	Elliott Highway	100.0	Culvert rehab and installation would reduce washouts, shoulder erosion and time spent steaming culverts each spring.	Denali District	7-D
4	Culvert Rehab/Repair/Installation	45.0	North Douglas drop inlet	Juneau MP 3.5	

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
5	Fairview Loop MP 7-8	12.0	Ditching and culvert repair	Wasilla	16-H
6	Ballaine and Yankovich Roads. Culvert Replacements	25.0	Four culverts on these roads have failed and two have become partially blocked. This project would restore drainage and extend the life of the roadway, while reducing annual maintenance requirements.	Fairbanks District	7-D
7	Lucas Road MP 0-1.4	14.0	Ditching and culvert repair	Wasilla	14-G
8	Douglas Highway Culvert Repair	120.0	Culvert liner 48" culvert	Juneau MP 1.5	
9	Tok District - Culvert Replacement	300.0	Replace several of the failed culverts the Taylor, Alaska and Richardson Highways; and the Tok Cutoff. Approximately 40% of the culverts in the District are 38 years old and/or are in some need of repair or replacement. Many of these culverts are in deep fills up to 35' deep. (Alaska Highway 1226-1266 - 13 culverts)	Tok District	6-C, 12-F
10	Back Loop Road Culvert Improvements	195.0	Culvert Upgrade 24" - 48"	Juneau MP 3	
11	Maud Road MP 0-1.8	9.0	Ditching and culvert repair	Palmer	16-H
12	Richardson Hwy Culvert Restoration (MP 289 - 341.5)	30.0	Several culverts and drainages were filled in with material from the July/August 2008 floods. This project will restore the culverts' capability in preparation for the next high-water event.	Fairbanks District	7-D,8-D,9- E,10-E,11- 16-H
13	Old Glenn Highway MP 11-12.8	10.0	Ditching and culvert repair	Butte	16-H
14	Richardson Hwy Culvert Replacement	1,500.0	Replace five 10 foot culverts on the Richardson Highway at MP 0.8, 1.2, 1.4, 1.6 and 2.1 that are failing. Replacing these culverts will improve roadside drainage and will reduce maintenance by eliminating standing water adjacent to the roadway.	Valdez District	6-C, 12-F
15	Plumley Road MP 0-1.4	8.0	Ditching and culvert repair	Butte	16-H
16	Nome Area Culvert Installation	125.0	Culvert installation would reduce washouts, shoulder erosion and time spent steaming culverts each spring and give an estimated savings of \$15,000 a year.	Western District	39-T
17	Parks Highway MP 42-52	10.0	Ditching and culvert repair	Palmer	12-F
18	Denali Highway Culvert Rehab/Installation	100.0	Culvert rehab and installation would reduce washouts, shoulder erosion and time spent steaming culverts each spring.	Denali District	8-D, 12-F
19	Seward Highway MP 81-89	246.1	Culvert replacement or lining	Girdwood	32-P
20	Emergency Culvert Stockpiles	600.0	This project would allow for the purchase of several larger diameter culverts in order to maintain a regional stockpile for use in emergency situations. During the Oct 06 flood it was determined that the lack of larger available culvert pipe was a major short coming. Larger culvert can take as long as 3-4 weeks to be delivered after it is ordered. Therefore, during an emergency the availability of large diameter culvert	Northern Region	7-D,8-D,9- E,10-E,11- F,12-F
CULVERT REPAIRS		\$ 3,679.10			
SHOULDERS &					
1	Airport Road, MP 0.5 - 2.8 Valdez MS	20.0	Airport Road (Valdez) has several locations where shoulders have not been improved for years, even during adjacent PM projects. This project would restore the worst shoulder failures, and create proper drainage away from the road profile.	Valdez District	12-F
2	Klawock/Hollis Hwy	50.0	Ditch cleaning	Klawock MP 15-30	
3	Chiniak Highway	58.3	Ditch cleaning	Kodiak	36-R
4	Fairview Loop MP 0-1	5.0	Ditching and culvert repair	Wasilla	16-H

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
5	Chena Hot Springs Road Shoulder Rehabilitation	25.0	Chena Hot Springs Road has several locations where shoulders have not been improved during PM projects. This project would restore the worst shoulder failures, and create proper drainage away from	Fairbanks District	7-D, 12-F
6	N. Tongass Rd	12.0	Ditch cleaning	Ketchikan MP 7-8.6	
7	Glenn Highway MP 54-59	38.0	Shoulder erosion repair	Sutton	12-F
8	Denali Highway MP 60-131 Ditching Rehabilitation	125.0	Reestablish drainage in locations that cannot be reached with graders and slopers. We would have to rent equipment to accomplish this work.	Denali District	8-D, 12-F
9	N Pt Higgins Rd	7.5	Ditch cleaning	Ketchikan MP 0-1	
10	58 Mile Road MP 0-0.3	9.0	Shoulder erosion repair	Sutton	12-F
11	Richardson Highway Drainage Improvement	95.0	As a result of the October 06 Southcentral flood, drainage ditches along various segments of the Richardson Highway have become plugged with debris, mud, and silt and numerous culverts have become completely or partially plugged. The areas proposed under this project are areas that the FHWA have declined emergency funding on declaring them "Major Maintenance Areas". This project will re-establish drainage by removing debris and brush and re-creating a flowline.	Tazlina District	12-F
12	Revilla Road Ditching	31.5	Ditch cleaning	Ketchikan MP	
13	Buffalo Mine Road MP 0.5-4.5	10.0	Shoulder erosion repair	Sutton	12-F
14	Tok District - Drainage Program	200.0	For the past 10 years, there has been minimal repairs to roadside ditches and shoulders. Part of this is a personnel/time issue. The other part is a funding issue. There are many areas within the District that could benefit from a comprehensive drainage improvement project.	Tok District	6-C, 12-F
15	Halibut Point Road Ditch Cleaning	35.0	Ditch cleaning	Sitka MP 0-7.3	
16	Edlund Road MP 0.2-0.3	5.0	Shoulder erosion repair	Wasilla	16-H
17	Robe Lake Road, MP 0.2 - 0.5 Valdez MS	12.0	Robe Lake Road (Valdez) has several locations where the ditches have filled up, and focused work is needed in order to carry rainwater and snow melt along and away from the road profile.	Valdez District	12-F
18	Jonesville Road MP 1.4-1.5	5.0	Shoulder erosion repair	Sutton	12-F
19	Portage Highway MP 2	150.0	Embankment erosion repair and riprap	Portage	32-P
20	Ninilchik Beach Road	3,500.0	Embankment erosion repair and riprap	Ninilchik	34-Q
21	Sterling Highway MP 45-58	37.3	Establish shoulders	Quartz Creek	32-P
22	Island Lake Road and Miller Loop Road	26.2	Establish shoulders	N. Kenai	
SHOULDERS & DITCHES		\$ 4,456.80			
BRIDGE MAINTENANCE					
1	Western District Bridges Corrective Action to Annual Inspections	30.0	The Western District would like to be able to address a variety of bridge deficiencies identified over the last several years. Having a project with funding available, would enable the District to coordinate with Earl Ratliff and District personnel to execute a brief, cost-effective summer program of repairs.	Valdez District	5-C
2	Klawock River Bridge Approach Pavement Repair	17.0	Klawock River Bridge Approach Pavement Repair	Klawock	
3	Region-wide Bridges	25.0	Training and small tools funding	CR	All

Region		Project		Project Description		Location	Election
Priority	Project Title	Cost					
		(000)					
4	Richardson Highway Bridge Resurface	120.0		Mill and resurface Tiekel North, Tiekel South and Stuart Creek Bridges that have failing surfaces before bridge integrity is affected.		Tazlina District	12-F, 6-C
5	Angoon Float Repairs	12.0		Seaplane Float bridge pin replacement		Angoon	
6	Byers Creek Bridge	50.0		Replace bridge posts		Chulitna	15-H
7	Portable Traffic Lights	100.0		Purchase portable traffic light system for the Bridge Crew for work on one lane bridges. It would also be available in the region for other districts to use for projects involving traffic control, as needed.		Denali District	6-C, 7-D, 8-D, 12-F
8	Dyea River Bridge Repairs	450.0		Dyea River Bridge stringer and deck replacement		Skayway	
	BRIDGE MAINTENANCE	\$	804.00				
OTHER							
1	Klutina River Levee Repairs	90.0		The Army COE inspected the Klutina River Levee, at Copper Center, on May 13, 2008 and determined that it was in disrepair to the point that its integrity and serviceability would be threatened during a flood or ice event. We (John Hoffman & Clark Milne) inspected the levee again in July and propose to do several simple and cost-effective repairs, using DOT&PF personnel and force account methods, to bring the levee into satisfactory operating condition. Repairs would include brush cutting, transport & placement of fill and surfacing for areas where the crest of the levee has been cut into and lowered, placement of additional riprap to protect the bridge pier by the levee, and removal of various residential encroachments atop the slopes and crest of the levee that preclude movement along it.		Tazlina District	12-F
2	Egan Drive sidewalk replacement	16.0		Egan Drive sidewalk replacement		Juneau MP 0.2	
3	Seward Highway, Anchorage Fairbanks District Paint Markings	550.0		Repair wooden fences		Anchorage	29-O/31-P
		75.0		Most arrows, only's and crosswalks within the district are not compliant due to traffic and winter maintenance. This project would purchase stencils and extra paint and beads and restore these markings to federal compliance.		Fairbanks District	10-E, 11-F, 12-F
4							
5	Douglas Highway Wall Repair	45.0		Douglas Highway, refurbish timber retaining wall		Juneau MP 0.6-1.5	
6	Seward Highway MP 100-117	1,000.0		Repair rockfall protection fencing		Indian	32-P
7	Larry Spengler Road	45.0		This spring, DOT&PF raised the elevation of the road 2' to keep the Delta River from flooding across the road. We now need to hydro seed the embankment and provide stabilizing mat to the ditch line to meet requirements of a Storm Water Pollution Protection Program.		Tok District	6-C
8	Seward Highway MP 26-28	15.0		Seward Highway MP 26-28		15.0	
9	Repair Rip Rap @ Richardson Hwy MP 7 - 8.5	50.0		This section of the Rich Hwy was severely impacted by flooding in Oct. 2006, and needs additional attention to best assure protection of the roadway during similar, future precipitation and flood events.		Valdez District	5-C
10	Kenai Spur Road Bike Path	64.0		Base spot repair and overlay pavement		Kenai	33-Q
11	Klutina River Boat Launch Access Improvements	100.0		This project would provide for various improvements to the existing boat launch facility on the Klutina River. At high flows the existing boat launch can be difficult to utilize due to the rapid current. This project would improve the launching ramp, protect the riverbank, and create a deadwater zone to improve boat launching capabilities.		Tazlina District	12-F

Region Priority	Project Title	Project Cost (000)	Project Description	Location	Election
	Tazlina River Wayside Protection	200.0	Last year, sections of the Tazlina River Wayside were fenced off and warning signs were installed due to erosion caused by the Tazlina River. M&O had to remove a staircase and sections of asphalt due to the continued erosion of the riverbank. This project would provide for the placement of riprap along the river bank adjacent to the wayside. Completion of this project would allow M&O to open up the wayside to	Tazlina District	12-F
12					
13	Richardson Highway Riprap Stockpiles	200.0	One of the primary "lessons learned" during the October 2006 Southcentral flooding was that M&O needed to develop stockpiles of riprap to be available during flood events and other river eroding events.	Tazlina District	12-F
	OTHER	\$ 2,450.00			
	Grand total Highways Deferred Main.	\$ 380,806.50			