2006 Cost of repair and embankment at MP 59.6 area due to Skookum Creek activity			
For repair at MP 56.5 due to erosion from high water in Skookum Creek documented on July 26 and August 5, 2006 (See narrative and photos). **600 tons (12 car loads) of riprap were placed as erosion repair and prevention measure.**			
Derivation of cost for 600 tons of material delivered and dumped at MP 56.5 on July 26 and August 5, 2006			
Direct material cost of Bird Point stock pile riprap 600 tons @ $34.50 per ton			**$20,700.00**
Total Cost of Riprap for month of August 2006 - System Wide		30341.42	
Cost of Riprap Material for month of August 2006 - System Wide 900 tons at various inventory costs		$25,465.92	
Total Cost of Labor, Equip, other materials, all management for placement		$4,875.50	
Cost allocation for MP59.5 riprap			
600 tons / 900 tons = 0.667		.667 X $4,875.50	**$3,251.96**
		Total	**$23,951.96**
For repair at MP 56.5 due to erosion from high water in Skookum Creek documented on September 28, 2006 (See narrative and photos). **75 tons of riprap were placed as erosion repair and prevention measure.**			
Derivation of cost for 75 tons of material delivered and dumped at MP 56.5 on September 28, 2006			
Direct material cost of Bird Point stock pile riprap 75 tons @ $34.50 per ton			**$2,587.50**
Total Cost of Riprap for month of October 2006 - System Wide		$11,208.00	
Cost of Riprap Material for month of August 2006 - System Wide 900 tons at various inventory costs		$2,587.50	
Total Cost of Labor, Equip, other materials, all management for placement		$8,620.50	
Cost allocation for MP59.5 riprap			
75 tons / 75 tons = 1.00		1.00 X $8,620.00	**$8,620.00**
		Total	**$11,207.50**
		2006 Grand Total	**$35,159.46**

For repair at MP 56.5 due to erosion from high water in Skookum Creek documented on July 26 and August 5, 2006 (See narrative and photos). 600 tons (12 car loads) of riprap were placed as erosion repair and prevention measure.			
Derivation of cost for 600 tons of material delivered and dumped at MP 56.5 on July 26 and August 5, 2006			
Direct material cost of Bird Point stock pile riprap 600 tons @ $34.50 per ton			**$20,700.00**
Total Cost of Riprap for month of August 2006 - System Wide		30341.42	
Cost of Riprap Material for month of August 2006 - System Wide 900 tons at various inventory costs		$25,465.92	
Total Cost of Labor, Equip, other materials, all management for placement		$4,875.50	
Cost allocation for MP59.5 riprap			
600 tons / 900 tons = 0.667		.667 X $4,875.50	**$3,251.96**
		Grand Total	**$23,951.96**

2006 Riprap Program (AFE 12156)

Sum of Incurred	Year	Period											
	2006												2006 Total
work_desc	1	2	3	4	5	6	7	8	9	10	11	12	
INELIGIBLE CHARGE	0												0
1999 TRANSPORTATION UNCLASSIFIED					7362.77	482	0	4038	10118.7	11926.68		7552.87	41481.02
3099 RAIL WORK - ALL OTHER								2668.64				22	2690.64
3140 BALLAST PLACEMENT									421.29			10	431.29
3150 RIPRAP PLACEMENT					15016.07	40	0			17.75			15073.82
3455 EMERGENCY RESPONSE										17163.34		40	17203.34
3750 TECHNICAL DRAWINGS/DRAFTING		311.82			38.73	24	13						387.55
3999 ENGINEERING UNCLASSIFIED									132.85			2	134.85
6999 ENVIRONMENTAL UNCLASSIFIED					41.61	2	1						44.61
7120 PRELIMINARY ENGINEERING						439.71	836.43					85	1361.14
7160 ENVIRONMENTAL ANALYSIS								44.32				3	47.32
7170 PERMITS		21.37		40.49	1598.6	307	488.58	500.54	143.62			86	3186.2
7230 PROJECT MANAGEMENT	395.76	4182.84	520.52	978.89	667.03	4363.03	258.86	476.13	1227.29	832.77		150	14053.12
7231 CELL PHONE USAGE		51			28		3		28	87	1		198
7234 PROJECT MANAGEMENT SUPPORT	40.98	98.51	102.45	105.12	42.03	60	178.74	22.34	22.34	22.34	22.34	341.42	1058.61
7310 VEHICLES & HEAVY EQUIPMENT										2196.2		45.81	2242.01
7420 INDIRECT ALLOC (ACCT USE ONLY)	487	457	64	113	1255	380	214	927		3604	23	1648	9172
7916 CWR-WELD NEW RAIL						80				-2772			-2692
7925 MOB/DEMOB	2183.82					36	6	262.01	104.8			193.91	2786.54
7940 BALLAST LOADING/UNLOADING												296	296
7955 RIP RAP LOADING/UNLOADING	2226.48	100				45306.24	1512.67	30341.42	91778.56	11208.27	88931.04	20920.76	292325.44
8290 CLEARING & GRUBBING												374.98	374.98
9500 HOLIDAY NOT WORKED (PROJ 99450										342.87		13	355.87
9505 MILITARY LEAVE (PROJ #99450)	295.84					8	0						303.84
9999 NON OPS-CENTERS DEFAULT													
Grand Total	5629.88	5222.54	686.97	1237.5	26049.84	51527.98	3512.28	39280.4	103977.45	44629.22	88977.38	31784.75	402516.19

Prepared by Robert J. Hanson 11/1/2009

Riprap Prog Aug 06 Riprap Cost

Project_#	GL_desc	Suffix	Committed	Incurred	Spent	Trans_date	description	item_number	Quantity
12157	6742 EQP C3AD HRS 22.00 82306	630	0	4662.62	4662.62	8/31/2006	EQP C3AD HRS 22.00 82306		0
12157	6742 EQP C3AD HRS 22.00 82306	629	0	-4662.62	-4662.62	8/31/2006	EQP C3AD HRS 22.00 82306		0
12157	6742 EQP C3AD HRS 11.00 81106	538	0	2331.31	2331.31	8/31/2006	EQP C3AD HRS 11.00 81106		0
12157	6742 EQP C3AD HRS 11.00 73106	498	0	-2331.31	-2331.31	8/31/2006	EQP C3AD HRS 11.00 73106		0
12157	6742 EQP C3AD HRS 11.00 73106	494	0	2331.31	2331.31	8/31/2006	EQP C3AD HRS 11.00 73106		0
12157	6742 EQP 1229 HRS 12.00 81106	537	0	71.93	71.93	8/31/2006	EQP 1229 HRS 12.00 81106		0
12157	6742 EQP SPR8 HRS 1.00 81106	535	0	533.34	533.34	8/31/2006	EQP SPR8 HRS 1.00 81106		0
12157	6742 EQP SL22 HRS 1.00 81106	534	0	543.47	543.47	8/31/2006	EQP SL22 HRS 1.00 81106		0
12157	6742 EQP 1229 HRS 13.00 73106	497	0	-143.86	-143.86	8/31/2006	EQP 1229 HRS 13.00 73106		0
12157	6742 EQP 1229 HRS 13.00 73106	493	0	143.86	143.86	8/31/2006	EQP 1229 HRS 13.00 73106		0
12157	6712 Ballast	640	0	4765.92	4765.92	8/29/2006	CI:RIPRAP, CLASS R-750, PALMER PIT, WILDER CONSTRU	314496	300
12157	6712 Ballast	639	0	20700	20700	8/29/2006	CI:RIPRAP, CLASS R-750, STORED AT BIRD POINT, FEMA	314540	600
12157	6471 Rents, Leases, Permits	533	0	65	65	8/31/2006	Capital in Progress		1
12157	6128 ARRC Pension Expense	628	0	13.36	13.36	8/5/2006	PENSION BENEFIT		0
12157	6127 Post Retirement Benefits	627	0	59.78	59.78	8/5/2006	POST RETIREMENT		0
12157	6126 401k Employer match	626	0	9.29	9.29	8/5/2006	401K EMPLOYER M		0
12157	6125 Unemployment Insurance	625	0	0.22	0.22	8/5/2006	UNEMPLOYMENT IN		0
12157	6124 Workers' Comp Insurance	624	0	54.58	54.58	8/5/2006	WORKERS COMP IN		0
12157	6122 Employee Benefits - FICA/Medicare	623	0	15.31	15.31	8/5/2006	FICA/MEDICARE B		0
12157	6121 Employee Benefits - Medical	622	0	39.58	39.58	8/5/2006	MEDICAL, ETC...		0
12157	6115 Overtime	621	0	841.25	841.25	8/5/2006	SALARIES & WAGE		0
12157	6114 Allocated-Accrued Leave	550	0	33.16	33.16	8/31/2006	Leave Accr. PPE - 8/5/2006		0
12157	6111 Salaries & Wages	620	0	263.92	263.92	8/5/2006	SALARIES & WAGE		0
				$30,341.42					
				$25,465.92					

Attn Bob H
4 pages
x 3090

Alaska Railroad Corporation

Engineering Work Train - Dump Report

Engineering Crew

Foreman: Puckett

Dumpman:

Date: 7/24/06 - 7/28/06

Train Crew Time

Time Called:

Time Tied Up:

Train Crew

Engineer:

Conductor:

Breakman:

	Pit Where Loaded	Type of Material	Type of Cars Dumped	Location Dumped M.P.	Location Dumped M.P.	Project Code	List of Cars Dumped by Number	
7/24	Pittman	C	H	252	Curve	14939	3 Cars	
				301.2	303	14939	17 Cars	
7/26	Palmer	R	AD	59.6		12157	4 Cars	
8	Pittman	C	AD	Otter	Lake	14537	4 Cars	

COSTS INCURRED IN AUGUST.

Comments/ Other Work Accomplished

8/3 Per phone w/ Johnny. /JaJ

Abbreviations:
H- Hopper
AD- Air Dump
C-Crushed Rock
R- Rip Rap
F-Fines
P- Pit Run

Alaska Railroad Corporation

Engineering Work Train - Dump Report

Date: 8/5/06 - 8/10/06

Engineering Crew

Foreman: Puckett

Dumpman:

Train Crew Time

Time Called:

Time Tied Up:

Train Crew

Engineer:

Conductor:

Breakman:

	Pit Where Loaded	Type of Material	Type of Cars Dumped	Location Dumped M.P.	Location Dumped M.P.	Project Code	List of Cars Dumped by Number	
8/5	Bird	R	AD	59.6		12157	8 carloads ✓	COSTS INCURRED -IN AUGUST
8/9	Pittman	C	H	290	291.5	14939	15 carloads	
8/10	Pittman	C	H	131	131.5	14922	5 carloads	

Comments/ Other Work Accomplished

8/29 Per phone w/ Johnny. JAJ

Abbreviations:
H- Hopper
AD- Air Dump
C-Crushed Rock
R- Rip Rap
F-Fines
P- Pit Run

For repair at MP 56.5 due to erosion from high water in Skookum Creek documented on September 28, 2006 (See narrative and photos). 75 tons of riprap were placed as erosion repair and prevention measure.

Derivation of cost for 75 tons of material delivered and dumped at MP 56.5 on September 28, 2006		
Direct material cost of Bird Point stock pile riprap 75 tons @ $34.50 per ton		**$2,587.50**
Total Cost of Riprap for month of October 2006 - System Wide	$11,208.00	
Cost of Riprap Material for month of August 2006 - System Wide 900 tons at various inventory costs	$2,587.50	
Total Cost of Labor, Equip, other materials, all management for placement	$8,620.50	
Cost allocation for MP59.5 riprap		
75 tons / 75 tons = 1.00	1.00 X $8,620.00	**$8,620.00**
	Grand Total	**$11,207.50**

2006 Riprap Program (AFE 12156)

Sum of Incurred	Year	Period											
	2006												2006 Total
work_desc	1	2	3	4	5	6	7	8	9	10	11	12	
INELIGIBLE CHARGE	0												0
1999 TRANSPORTATION UNCLASSIFIED					7362.77	482	0	4038	10118.7	11926.68		7552.87	41481.02
3099 RAIL WORK - ALL OTHER								2668.64				22	2690.64
3140 BALLAST PLACEMENT									421.29			10	431.29
3150 RIPRAP PLACEMENT					15016.07	40	0			17.75			15073.82
3455 EMERGENCY RESPONSE										17163.34		40	17203.34
3750 TECHNICAL DRAWINGS/DRAFTING		311.82			38.73	24	13						387.55
3999 ENGINEERING UNCLASSIFIED									132.85			2	134.85
6999 ENVIRONMENTAL UNCLASSIFIED					41.61	2	1						44.61
7120 PRELIMINARY ENGINEERING						439.71	836.43					85	1361.14
7160 ENVIRONMENTAL ANALYSIS								44.32				3	47.32
7170 PERMITS		21.37		40.49	1598.6	307	488.58	500.54	143.62			86	3186.2
7230 PROJECT MANAGEMENT	395.76	4182.84	520.52	978.89	667.03	4363.03	258.86	476.13	1227.29	832.77		150	14053.12
7231 CELL PHONE USAGE		51			28		3		28	87	1		198
7234 PROJECT MANAGEMENT SUPPORT	40.98	98.51	102.45	105.12	42.03	60	178.74	22.34	22.34	22.34	22.34	341.42	1058.61
7310 VEHICLES & HEAVY EQUIPMENT										2196.2		45.81	2242.01
7420 INDIRECT ALLOC (ACCT USE ONLY)	487	457	64	113	1255	380	214	927		3604	23	1648	9172
7916 CWR-WELD NEW RAIL						80				-2772			-2692
7925 MOB/DEMOB	2183.82					36	6	262.01	104.8			193.91	2786.54
7940 BALLAST LOADING/UNLOADING												296	296
7955 RIP RAP LOADING/UNLOADING	2226.48	100				45306.24	1512.67	30341.42	91778.56	11208.27	88931.04	20920.76	292325.44
8290 CLEARING & GRUBBING												374.98	374.98
9500 HOLIDAY NOT WORKED (PROJ 99450										342.87		13	355.87
9505 MILITARY LEAVE (PROJ #99450)	295.84					8	0						303.84
9999 NON OPS-CENTERS DEFAULT													
Grand Total	5629.88	5222.54	686.97	1237.5	26049.84	51527.98	3512.28	39280.4	103977.45	44629.22	88977.38	31784.75	402516.19

Project_#	GL_desc	Suffix	Committed	Incurred	Spent	Trans_date	description	item_number	Quantity
12157	6742 EQP C2AD HRS 22.00 102006	812	0	4662.62	4662.62	10/31/2006	EQP C2AD HRS 22.00 102006		0
12157	6742 EQP 1229 HRS 25.25 102006	811	0	287.72	287.72	10/31/2006	EQP 1229 HRS 25.25 102006		0
12157	6742 EQP SL18 HRS 4.00 102006	810	0	543.47	543.47	10/31/2006	EQP SL18 HRS 4.00 102006		0
12157	6742 EQP SPR8 HRS 22.00 102006	809	0	1066.68	1066.68	10/31/2006	EQP SPR8 HRS 22.00 102006		0
12157	6712 Ballast	701	0	2587.5	2587.5	10/2/2006	CI:RIPRAP, CLASS R-750, STORED AT BIRD POINT, FEMA	314540	75
12157	6221 Railbelt Lodging & Meals	914	0	540	540	10/31/2006	Capital in Progress		0
12157	6221 Railbelt Lodging & Meals	915	0	180	180	10/31/2006	Capital in Progress		0
12157	6221 Railbelt Lodging & Meals	900	0	100	100	10/14/2006	SALARIES & WAGE		0
12157	6128 ARRC Pension Expense	899	0	13.12	13.12	10/14/2006	PENSION BENEFIT		0
12157	6127 Post Retirement Benefits	898	0	58.71	58.71	10/14/2006	POST RETIREMENT		0
12157	6126 401k Employer match	897	0	9.11	9.11	10/14/2006	401K EMPLOYER M		0
12157	6125 Unemployment Insurance	896	0	0.22	0.22	10/14/2006	UNEMPLOYMENT IN		0
12157	6124 Workers' Comp Insurance	895	0	53.61	53.61	10/14/2006	WORKERS COMP IN		0
12157	6122 Employee Benefits - FICA/Medicare	894	0	14.8	14.8	10/14/2006	FICA/MEDICARE B		0
12157	6121 Employee Benefits - Medical	893	0	38.82	38.82	10/14/2006	MEDICAL, ETC...		0
12157	6115 Overtime	902	0	457.74	457.74	10/14/2006	SALARIES & WAGE		0
12157	6114 Allocated-Accrued Leave	818	0	66.31	66.31	10/31/2006	Leave Accr. PPE - 10/14/2006		0
12157	6111 Salaries & Wages	901	0	527.84	527.84	10/14/2006	SALARIES & WAGE		0
				$11,208.27					
				$2,587.50					

Alaska Railroad Corporation

Engineering Work Train - Dump Report

Engineering Crew

Foreman: Bruce Hough

Dumpman:

Date: 9/28/06

Train Crew Time

Time Called:

Time Tied Up:

Train Crew

Engineer:

Conductor:

Breakman:

Pit Where Loaded	Type of Material	Type of Cars Dumped	Location Dumped M.P.	Location Dumped M.P.	Project Code	List of Cars Dumped by Number		
Burd	R	AD	59.6		12157	1 Car		

COST INCURRED IN OCTOBER.

Comments/ Other Work Accomplished

9/28 Per phone w/ Bruce.

Abbreviations:
H- Hopper
AD- Air Dump
C-Crushed Rock
R- Rip Rap
F-Fines
P- Pit Run