

Alameda Corridor - Amended 2019 Operations & Maintenance Budget

Amended Calendar Year 2019								Approved CY19	Delta of Approved & Amended CY19	
	Basis of Apportionment		R.R. M & O Rail	Reserve Account Non-	ACTA Operating Budget	Total	Combined Labor	Total		
	GR Ton MI	Train MI	Cost (A)	Rail Cost (B)	Cost (C)					
I. Maintenance of Way Contractor's Costs:										
A.1.a.i	Contract Manager	GTM	TM	\$ 139,076	\$ 49,670	\$ 9,934	\$ 198,680			
A.1.a.ii	Track Supervisor	GTM		117,620	39,207	-	156,827			
A.1.a.iii	Safety Supervisor	GTM		15,683	62,731	-	78,413			
A.1.a.iv	Office Manager		TM	51,548	18,410	3,682	73,640			
A.1.a.v	Bridge Supervisor	GTM		5,099	20,397	-	25,496			
A.1.b	Track Inspector	GTM		86,670	28,890	-	115,559			
A.1.b.i	Track Foreman	GTM		86,670	28,890	-	115,559			
A.1.b.ii	Assistant Foreman	GTM		84,977	28,326	-	113,302			
A.1.b.iii	Track Laborers	GTM		228,646	76,215	-	304,861			
A.1.b.iv	Equipment Operators		TM	85,602	28,534	-	114,137			
A.1.b.v	Welder	GTM		111,418	-	-	111,418			
A.1.b.vi	Welder Helper	GTM		105,340	-	-	105,340			
A.1.b.vii	Laborer (Graffiti/Pump Station)		TM	-	101,897	-	101,897			
A.1.b.viii	Bridge Inspector	GTM		1,676	6,705	-	8,382			
B.1.a.i	Contract Manager	GTM	TM	78,028	27,867	5,573	111,469	\$ 310,149	267,525	42,624
B.1.a.ii	Track Superintendent	GTM		59,249	19,750	-	78,999	235,825	189,597	46,229
B.1.a.iii	Bridge Supt. / Safety (Contractor A - split into 2 positions A.1.a.iii & A.1.a.v)	GTM		16,386	65,544	-	81,930	194,221	196,631	-2,410
B.1.a.iv	Office Manager		TM	32,851	11,733	2,347	46,930	120,570	112,633	7,937
B.1.b	Track Inspector	GTM		45,364	15,121	-	60,485	176,044	145,164	30,881
B.1.b.i	Track Foreman	GTM		44,239	14,746	-	58,985	174,545	141,564	32,980
B.1.b.ii	Assistant Foreman	GTM		37,351	12,450	-	49,802	163,104	119,525	43,580
B.1.b.iii	Track Laborers	GTM		103,290	34,430	-	137,720	442,580	330,527	112,053
B.1.b.iv	Equipment Operators		TM	55,657	18,552	-	74,210	188,346	178,104	10,243
B.1.b.v	Welder	GTM		57,691	-	-	57,691	169,110	138,459	30,650
B.1.b.vi	Welder Helper	GTM		46,848	-	-	46,848	152,188	112,436	39,753
B.1.b.vii	Laborer (Graffiti/Pump Station)		TM	-	46,843	-	46,843	148,740	112,424	36,316
							Subtotal 1	2,475,424	2,044,588	430,835
2.a.	Administrative Burden (included in FBLR for new contractor)		TM	22,601	8,072	1,614	32,288		77,490	-45,203
2.a.i	Accounting Support (included in FBLR for new contractor)		TM	13,125	4,688	938	18,750		45,000	-26,250
2.b.	Pump Station Maintenance		TM	-	9,553	-	9,553		14,383	-4,830
2.b.i.	Pump Station Repairs & Supplies		TM	-	28,771	-	28,771		26,250	2,521
2.c.	AEI & Misc. Maint-AAR Unit Count-757 Units @ \$227/Unit (Contractor A) & @ \$222/Unit (Contractor B)		TM	-	-	184,582	184,582		168,054	16,528
2.d.	Rail Flaw Detection	GTM		40,000	-	-	40,000		40,000	0
2.e.	Graffiti Control		TM	-	21,261	-	21,261		24,880	-3,619
2.f.	Weed Abatement		TM	22,600	5,650	-	28,250		25,000	3,250
2.g.	Safety Training		TM	22,483	3,968	-	26,450		25,500	950
2.h.	Safety Management		TM	15,704	2,771	-	18,475		25,125	-6,650
2.i.	Vehicles	GTM	TM	173,863	38,014	1,188	213,064		221,895	-8,831
2.k.	Bridge Superintendent / Safety Vehicle	GTM	TM	4,543	18,170	-	22,713		25,020	-2,307
2.l.	Full Time Equipment	GTM	TM	119,348	29,837	-	149,185		81,180	68,005
2.m.	Maintenance Program Rail Grinding - Loram (1/2 of Capital cost, see 3.f.)	GTM		83,475	-	-	83,475		83,475	0
2.n.	Track Materials / Supplies & Rentals	GTM		279,595	-	-	279,595		250,740	28,855
2.o.	Signal Maint-AAR Unit Count-4901 Units @ \$189/Unit (Contractor A) & @ \$222/Unit (Contractor B)		TM	1,070,869	-	-	1,070,869		1,088,022	-17,154
2.p.	Ladder / Fence / Traffic Support		TM	-	245,875	-	245,875		52,500	193,375
2.q.	Security (Trench Cameras)	GTM	TM	16,392	5,854	1,171	23,417		21,000	2,417
2.r.	Security & Yard / Office Maintenance & Support		TM	197,584	-	-	197,584		182,385	15,199
2.s.	Underwater Bridge Inspection (Every 5 years-last inspection 2018)		TM	-	-	-	-		0	0
2.t.	Trench Ditch Cleaning		TM	-	88,332	-	88,332		102,460	-14,128
2.v.	Replace Signal Wire on Corridor		TM	21,667	-	-	21,667		20,000	1,667
2.w.	Railroad Reporting & Record Keeping Software System		TM	17,875	-	-	17,875		16,500	1,375
2.x.	Railroad Emergency Drill Exercise		TM	20,000	-	-	20,000		20,000	0
2.y.	PTC Support at CP W&E Redondo (UP only unless BNSF also requests data)		TM	2,000	-	-	2,000		0	2,000
2.aa.	AEI Readers Upgrade (7)	Special Apportionment		15,750	-	-	15,750		0	15,750
2.bb.	Mobilization		TM	85,000	-	-	85,000		0	85,000
2.cc.	Bridge Management Plan	GTM		5,140	20,560	-	25,700		0	25,700
							Subtotal 2		2,636,859	333,621
	Subtotal MOW Contractor's Costs			\$ 3,946,591	\$ 1,288,283	\$ 211,028	\$ 5,445,903	\$2,475,424	\$4,681,447	\$764,456
	2019 Original Approved MOW Contractor's Costs			\$ 3,494,967	\$ 990,867	\$ 195,613	\$ 4,681,447			
	Variance			\$ 451,624	\$ 297,416	\$ 15,416	\$ 764,456			

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II. Annual Capital Cost								
3.a. Surfacing Unit - 46 Days @ \$3,400/Day (Contractor A) & \$4,700/Day (Contractor B)	GTM		\$ -	\$ 186,300	\$ -	\$ 186,300	\$ 211,500	\$ (25,200)
Surfacing Mobilization			-	25,000	-	25,000	25,000	0
3.c.i Reballast Program (Labor)			-	33,267	-	33,267	26,600	6,667
3.c.ii Reballast Program (Operated Equipment)			-	31,250	-	31,250	31,250	0
3.d. Ballast - 1,000 Tons @ \$36/Ton			-	36,000	-	36,000	36,000	0
3.f. Capital Program Rail Grinding - Loram (1/2 of Railroad M&O cost, see 2.m.)	GTM		-	83,475	-	83,475	83,475	0
3.g. Track Reballast			-	30,000	-	30,000	38,150	-8,150
3.h. Rail / Switch Component & Tie Replacement			-	253,906	-	253,906	253,906	0
3.o. Pump Station Upgrades	GTM		-	210,000	-	210,000	210,000	0
3.r. Trench Emergency Ladder/Stair Study/Repairs			-	126,000	-	126,000	100,000	26,000
3.w. Rehab Henry Ford Crossing @ CP Dominguez			-	388,309	-	388,309	374,334	13,975
3.y. Signal Battery Replacement (10-Year Program)			-	55,000	-	55,000	50,000	5,000
3.aa. Retie Crucero to LB Diamond w/ Concrete Ties			-	28,533	-	28,533	0	28,533
3.gg. Curve Rail Replacement			-	270,000	-	270,000	283,500	-13,500
3.hh. Diamond Replacements - West Thenard			-	555,661	-	555,661	541,318	14,343
3.ii. Signal Circuit Controllers for Switches			-	-	-	-	31,500	-31,500
3.jj. Retie Various Control Points with 10 Ft. Wood Transition Ties			-	36,699	-	36,699	36,699	0
3.kk. Upgrade and Refurnish Maintenance Facility			-	20,000	-	20,000	0	20,000
3.ll. Fixed Trench Ladders			-	525,000	-	525,000	378,000	147,000
3.mm. Misc. Trench Structure Repairs			-	63,000	-	63,000	0	63,000
3.nn. Compton Bridges - Replace Approach and Deck Ties			-	250,000	-	250,000	262,500	-12,500
3.oo. Replacement of M23A Switches			-	52,500	-	52,500	52,500	0
Subtotal Capital Expenditures			\$ 0	\$ 3,259,900	\$ 0	\$ 3,259,900	\$ 3,026,232	\$ 233,668
2019 Original Approved Capital Expenditures			\$ 0	\$ 3,026,232	\$ 0	\$ 3,026,232		
Variance			\$ 0	\$ 233,668	\$ 0	\$ 233,668		
Subtotal of I & II			\$ 3,946,591	\$ 4,548,183	\$ 211,028	\$ 8,705,802		
2019 Original Approved Sections I & II			\$ 3,494,967	\$ 4,017,099	\$ 195,613	\$ 7,707,679		
Variance			\$ 451,624	\$ 531,084	\$ 15,416	\$ 998,124		
Multiple use contingency for 2019, not in MOW Budget but included in O&M Budget						\$ 300,000	\$ 300,000	
III. Corridor Operating & Other MOW Cost								
Insurance (annual amount) (8)	TM		\$ 1,407,108	\$ -	\$ -	\$ 1,407,108	1,407,108	0
Dispatching (1)	(9)		624,362	-	-	624,362	624,362	0
Security - Labor (2)	(9)		1,345,337	-	-	1,345,337	1,345,337	0
Security - Equipment (3)	(9)		270,608	-	-	270,608	270,608	0
Utilities (5)	TM		195,723	-	-	195,723	195,723	0
Storm Water Discharge Permits, Water Testing & Support Services (4)	TM		30,000	-	-	30,000	30,000	0
Provide 3rd Party Security Monitoring & Support Services	TM		2,500	-	-	2,500	2,500	0
ADASHI Plume Monitoring Software	TM		2,250	-	-	2,250	2,250	0
M&O or Capital Reserve Support Service (6)	TM		379,500	126,500	-	506,000	506,000	0
Communications Network and Alarm/Phone Upgrades and Renewals	TM		25,000	-	-	25,000	25,000	0
Rehab Henry Ford Crossing @ CP Dominguez (Engineering & Permits) (Also see 3.w.)	TM		-	40,000	-	40,000	40,000	0
PTC Design Consultant for CP W&E Redondo (UP only unless BNSF also requests data)	TM		25,000	-	-	25,000	0	25,000
Extraordinary Right-of-Way Cleanup	TM		98,000	-	-	98,000	48,000	50,000
AEI Readers Upgrade (7)	Special Apportionment		243,000	-	-	243,000	0	243,000
Laptop Computers for Dispatch Communications	TM		25,000	-	-	25,000	25,000	0
Subtotal Operating & Other MOW			\$ 4,673,388	\$ 166,500	\$ 0	\$ 4,839,888	\$ 4,521,888	\$ 318,000
2019 Original Approved Operating and Other MOW			\$ 4,355,388	\$ 166,500	\$ 0	\$ 4,521,888		
Variance			\$ 318,000	\$ 0	\$ 0	\$ 318,000		
Total of I, II, & III			<u>\$ 8,619,980</u>	<u>\$ 4,714,683</u>	<u>\$ 211,028</u>	<u>\$ 13,845,691</u>	<u>\$ 12,529,567</u>	<u>\$ 1,316,124</u>
2019 Original Approved Total of I, II, & III			<u>\$ 7,850,355</u>	<u>\$ 4,183,599</u>	<u>\$ 195,613</u>	<u>\$ 12,529,567</u>		
Variance			<u>\$ 769,624</u>	<u>\$ 531,084</u>	<u>\$ 15,416</u>	<u>\$ 1,316,124</u>		

(1,2,3) These costs are for memorandum purposes only and are internal Railroads costs not paid by ACTA
(4) Includes annual fees
(5) 2017 Actual Expenditures + 5% increase per year and planned new utility expenditures
(6) Split based on work estimates

(7) Split based upon allocation plan for installation & maintenance agreed to by ACTA and the Railroads
(8) Only an Estimate based on 2018 +3%
(9) Apportionment between Railroads based upon private agreement between the parties.
FBLR = Fully Burden Labor Rate

(A) Costs paid by Railroads prorated among carriers
(B) Costs paid by ACTA from the Reserve Account
(C) Costs paid by ACTA