

NMA 2017-6 - Attachment 3 to Exhibit B - 2018 Alameda Corridor Operations & Maintenance Budget

I. Maintenance of Way Contractor's Costs:	Calendar Year 2018						Calendar Year 2017					
	Basis of Apportionment		R.R. M & O Rail	Reserve Account Non-	ACTA Operating	Total	R.R. M & O Rail Cost	Reserve Account Non-	ACTA Operating	Total		
	GR Ton MI	Train MI	Cost (A)	Rail Cost (B)	Budget Cost (C)		(A)	Rail Cost (B)	Budget Cost (C)			
1.a.i Contract Manager	GTM	TM	\$ 182,700	\$ 65,250	\$ 13,050	\$ 261,000	\$ 158,760	\$ 56,700	\$ 11,340	\$ 226,800		
1.a.ii Track Superintendent	GTM		137,655	183,540	-	45,885	131,100	43,700	-	174,800		
1.a.iii Bridge Supt. / Safety	GTM		38,367	153,468	-	191,835	36,540	146,160	-	182,700		
1.a.iv Office Manager		TM	76,920	27,472	5,494	109,886	69,748	24,910	4,982	99,640		
1.b. Track Inspector	GTM		105,293	35,098	-	140,390	100,279	33,426	-	133,705		
1.b.i Track Foreman	GTM		102,682	34,227	-	136,910	97,793	32,598	-	130,390		
1.b.ii Assistant Foreman	GTM		86,696	28,899	-	115,595	82,568	27,523	-	110,090		
1.b.iii Track Laborers	GTM		239,744	79,915	-	319,659	228,328	76,109	-	304,437		
1.b.iv Equipment Operators		TM	129,185	43,062	-	172,247	123,034	41,011	-	164,045		
1.b.v Welder	GTM		133,907	-	-	133,907	127,530	-	-	127,530		
1.b.vi Welder Helper	GTM		108,738	-	-	108,738	98,645	-	-	98,645		
1b.vii Laborer (Graffiti/Pump Station)		TM	-	108,728	-	108,728	-	103,550	-	103,550		
2.a. Administrative Burden		TM	51,597	18,428	3,686	73,710	49,392	17,640	3,528	70,560		
2.a.i Accounting Support		TM	-	-	-	-	17,500	6,250	1,250	25,000		
2.b. Pump Station Maintenance			-	13,695	-	13,695	-	12,450	-	12,450		
2.b.i. Pump Station Repairs & Supplies			-	26,250	-	26,250	-	25,500	-	25,500		
2.c. AEI & Misc Maint-AAR Unit Count-757 Units @ \$216/Unit			-	-	163,512	163,512	-	-	155,942	155,942		
2.d. Rail Flaw Detection (Subcontractor)	GTM		32,000	-	-	32,000	30,000	-	-	30,000		
2.e. Graffiti Control		TM	-	21,780	-	21,780	-	19,950	-	19,950		
2.f. Weed Abatement (Subcontractor)		TM	20,000	5,000	-	25,000	20,000	5,000	-	25,000		
2.g. Safety Training		TM	21,675	3,825	-	25,500	21,250	3,750	-	25,000		
2.h. Safety Management		TM	21,356	3,769	-	25,125	15,725	2,775	-	18,500		
2.i. Vehicles	GTM	TM	173,949	44,255	1,343	219,547	167,210	41,891	990	210,091		
2.k. Bridge Superintendent / Safety Vehicle	GTM	TM	4,920	19,680	-	24,600	3,960	15,840	-	19,800		
2.l. Hi-Rail Boom Truck	GTM	TM	63,360	15,840	-	79,200	57,600	14,400	-	72,000		
2.m Maintenance Program Rail Grinding - Loram (1/2 of Capital cost, see 3.f.)	GTM		83,475	-	-	83,475	83,475	-	-	83,475		
2.n Track Materials / Supplies & Rentals	GTM		246,960	-	-	246,960	239,400	-	-	239,400		
2.o. Signal Maintenance - AAR Unit Count - 4901 Units @ \$216/Unit		TM	1,058,616	-	-	1,058,616	1,009,606	-	-	1,009,606		
2.p Ladder / Fence / Traffic Support			-	52,500	-	52,500	-	36,750	-	36,750		
2.q Security (Trench Cameras)	GTM	TM	14,700	5,250	1,050	21,000	14,700	5,250	1,050	21,000		
2.r. Security & Yard / Office Maintenance & Support		TM	194,460	-	-	194,460	162,750	-	-	162,750		
2.s. Underwater Bridge Inspection		TM	15,750	-	-	15,750	-	-	-	-		
2.t. Trench Ditch Cleaning			-	116,198	-	116,198	-	113,820	-	113,820		
2.v. Replace Signal Wire on Corridor		TM	20,000	-	-	20,000	20,000	-	-	20,000		
2.w. Railroad Reporting & Record Keeping Software System		TM	16,500	-	-	16,500	16,500	-	-	16,500		
2.x. Railroad Emergency Drill Exercise		TM	20,000	-	-	20,000	20,000	-	-	20,000		
2.y. PTC Support at CP W&E Redondo (UP only unless BNSF also requests data)		TM	3,500	-	-	3,500	-	-	-	-		
2.z. Extraordinary Right-of-Way Cleanup		TM	31,500	-	-	31,500	-	-	-	-		
Subtotal MOW Contractor's Costs			\$3,436,206	\$968,471	\$188,134	\$4,592,812	\$3,203,391	\$906,952	\$179,082	\$4,289,426		
II. Annual Capital Cost												
3.a. Surfacing Unit - 45 Days @ \$4,600/Day			\$ -	\$ 207,000	\$ -	\$ 207,000	\$ -	\$ 198,000	\$ -	\$ 198,000		
Surfacing Mobilization			-	25,000	-	25,000	-	25,000	-	25,000		
3.c.i Reballast Program (Labor)			-	25,728	-	25,728	-	14,760	-	14,760		
3.c.ii Reballast Program (Operated Equipment)			-	44,000	-	44,000	-	51,360	-	51,360		
3.d. Ballast - 1,000 Tons @ \$36/Ton			-	36,000	-	36,000	-	63,000	-	63,000		
3.f. Capital Program Rail Grinding - Loram			-	83,475	-	83,475	-	83,475	-	83,475		
3.g. Track Reballast			-	38,150	-	38,150	-	71,800	-	71,800		
3.h. Rail / Switch Component & Tie Replacement			-	226,937	-	226,937	-	273,611	-	273,611		
3.o. Pump Station Upgrades			-	231,000	-	231,000	-	232,050	-	232,050		
3.r. Trench Emergency Ladder/Stair Study/Repairs			-	150,000	-	150,000	-	225,000	-	225,000		
3.u. Replace Long Beach Crossing Diamonds			-	-	-	-	-	-	-	-		
3.w. Rehab Henry Ford Crossing @ CP Dominguez			-	371,675	-	371,675	-	411,675	-	411,675		
3.y. Signal Battery Replacement (10-Year Program)			-	50,000	-	50,000	-	50,000	-	50,000		
3.z. Crossing HXP Replacement Cards			-	-	-	-	-	25,000	-	25,000		
3.aa. Retie Crucero to LB Diamond w/ Concrete Ties			-	24,483	-	24,483	-	65,528	-	65,528		
3.bb. Replace Hot Box Detector @ MP 12.90			-	16,800	-	16,800	-	123,000	-	123,000		
3.dd. Santa Fe Ave High Security Fence			-	-	-	-	-	57,750	-	57,750		
3.ee. Crash Barrier @ Manville Road/SR91 Off-ramp			-	-	-	-	-	54,895	-	54,895		
3.ff. Redondo Tower Fire (NMA 2017-02)			-	-	-	-	-	275,000	-	275,000		
3.gg. Curve Rail Replacement			-	283,500	-	283,500	-	-	-	-		
3.hh. Diamond Replacements - West Thenard			-	462,000	-	462,000	-	-	-	-		
3.ii. Signal Circuit Controllers for Switches			-	31,500	-	31,500	-	-	-	-		
3.jj. Retie Various Control Points with Concrete Ties			-	64,180	-	64,180	-	-	-	-		
3.kk. Upgrade and Refurnish Maintenance Facility			-	15,750	-	15,750	-	-	-	-		
3.ll. Fixed Trench Ladders			-	36,750	-	36,750	-	-	-	-		
3.mm. Misc. Trench Structure Repairs			-	63,000	-	63,000	-	-	-	-		
Subtotal Capital Expenditures			\$0	\$2,486,927	\$0	\$2,486,927	\$0	\$2,300,904	\$0	\$2,300,904		
Subtotal of I & II			\$3,436,206	\$3,455,398	\$188,134	\$7,079,739	\$3,203,391	\$3,207,856	\$179,082	\$6,590,329		
Multiple use contingency for 2018, not in MOW Budget but included in O&M Budget						\$200,000				\$200,000		
III. Corridor Operating & Other MOW Cost												
Insurance (annual amount) (D)		TM	\$ 1,281,653	\$ -	\$ -	\$ 1,281,653	\$ 1,401,283	\$ -	\$ -	\$ 1,401,283		
Dispatching (1)		TM	618,181	-	-	618,181	612,060	-	-	612,060		
Security - Labor (2)		TM	1,293,594	-	-	1,293,594	1,243,840	-	-	1,243,840		
Security - Equipment (3)		TM	265,302	-	-	265,302	260,100	-	-	260,100		
Utilities (5)		TM	334,058	-	-	334,058	318,150	-	-	318,150		
Storm Water Discharge Permits, Water Testing & Support Services (4)		TM	30,000	-	-	30,000	30,000	-	-	30,000		
Provide 3rd Party Security Monitoring & Support Services		TM	2,500	-	-	2,500	2,500	-	-	2,500		
ADASHI Plume Monitoring Software		TM	1,500	-	-	1,500	1,250	-	-	1,250		
M&O or Capital Reserve Support Service (6)		TM	354,953	118,318	-	473,271	350,000	120,920	-	470,920		
Communications Network and Alarm/Phone Upgrades and Renewals		TM	50,000	-	-	50,000	27,000	-	-	27,000		
Redondo Junction Tower Fire (NMA 2017-02)			-	-	-	-	-	475,000	-	475,000		
Rehab Henry Ford Crossing @ CP Dominguez (Engineering & Permits) (Also see 3.w.)			-	40,000	-	40,000	-	-	-	-		
PTC Design Consultant for CP W&E Redondo (UP only unless BNSF also requests data)		TM	50,000	-	-	50,000	-	-	-	-		
Subtotal Operating & Other MOW			\$4,281,740	\$158,318	\$0	\$4,440,057	\$4,246,183	\$595,920	\$0	\$4,842,103		
Total of I, II, & III			\$7,717,946	\$3,613,716	\$188,134	\$11,719,796	\$7,449,575	\$3,803,776	\$179,082	\$11,632,432		

(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 Budget + 5%
 (6) Split based on work estimates

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

(D) Only an Estimate based on 2016 +3%

Annual budget based on existing Corridor Maintenance Contractor's estimate. Contract expires April 14, 2018. Budget does not represent commitment to existing Contractor. Estimate is subject to revision based on new contractor selection.