2.a	ADMINISTRATIVE BURDEN		DURATION	QTY		RATE		COST
	Cell Phone Service		Monthly	12	\$	1,100		\$ 13,200
	Telephone Service		Monthly	12	\$	900		\$ 10,800
	The state of the s		Monthly	12	\$	1,100		\$ 13,200
	Office Supplies		•					\$ 9,000
	Postal Services & Supplies		Monthly	12	\$	750		
	Ice / Water & Coffee Supplies		Monthly	12	\$	1,000		\$ 12,000
	Dump Fees		Monthly	12	\$	1,000		\$ 12,000
	SUBTOTAL							\$ 70,200
	5% MU							\$ 3,510
	TOTAL							\$ 73,710
								-
2.b.	PUMP STATION MAINTENANCE		DURATION	QTY		RATE		
	Vehicle		Monthly	12	\$	2,283	50%	\$ 13,695
			MOITHIN	12	Ψ	2,200	3070	\$ 13,695
	TOTAL							\$ 13,635
	Note: The vehicle cost is split 50/50 between 2.b	J. G. 2.0.						
2.b.1	PUMP STATION SUPPLIES & REPAIRS							
	Repairs to Pumps (Minor repairs & parts)							\$ 15,000
	Environmental Supplies (Chemicals for water treatn	nent)						\$ 10,000
	SUBTOTAL							\$ 25,000
	5% MU							\$ 1,250
	TOTAL							\$ 26,250
2.c.	AEI & OTHER MISC MAINTENANCE - AAR UNIT	COLINT		QTY		RATE		
£.U.		00011		WII	_			
	AEI Technician 1,450 Hours							
	Vehicle							
	Materials							
				757	\$	216		\$ 163,512
	Note: 5% Increase from 2017							
	TOTAL							\$ 163,512
	Market Car							
2.0	CRAFFITI CONTROL		DURATION	QTY		RATE		
2.e	GRAFFITI CONTROL						E00/	40.000
	Vehicle		Monthly	12	\$	2,283	50%	\$ 13,695
	Material Costs *			LS				\$ 7,700
	SUBTOTAL							\$ 21,395
	5% MU*							\$ 385
	TOTAL							\$ 21,780
	TOTAL							
		o. & 2.e.	10					
	Note: The vehicle cost is split 50/50 between 2.1	o. & 2.e.	1)					
2 a	Note: The vehicle cost is split 50/50 between 2.1	o. & 2.e.	DURATION	OTY		RATE		
2.g.	Note: The vehicle cost is split 50/50 between 2.1 SAFETY TRAINING	o. & 2.e.	DURATION	QTY		RATE		
2.g.	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars)	o. & 2.e.		LS				\$ 15,000
2.g.	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals	o. & 2.e.	DURATION Days		\$	2,000		\$ 15,000 \$ 10,000
2.g.	Note: The vehicle cost is split 50/50 between 2.t SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL	o. & 2.e.		LS				\$ 15,000 \$ 10,000 \$ 25,000
2.g.	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals	o. & 2.e.		LS				\$ 15,000 \$ 10,000 \$ 25,000 \$ 500
2.g.	Note: The vehicle cost is split 50/50 between 2.t SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL	o. & 2.e.		LS				\$ 15,000 \$ 10,000 \$ 25,000
2.g.	Note: The vehicle cost is split 50/50 between 2.t SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU*	o. & 2.e.		LS				\$ 15,000 \$ 10,000 \$ 25,000 \$ 500
	Note: The vehicle cost is split 50/50 between 2.t SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL	o. & 2.e.		LS	\$			\$ 15,000 \$ 10,000 \$ 25,000 \$ 500
2.g. 2.h.	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT	o. & 2.e.		LS 5	\$	2,000		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment	o. & 2.e.		LS 5	\$.2,000 RATE		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees	o. & 2.e.		LS 5	\$	2,000		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,000 \$ 12,500
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL	o. & 2.e.		LS 5	\$.2,000 RATE		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,000 \$ 12,500 \$ 24,500
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU*	o. & 2.e.		LS 5	\$.2,000 RATE		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,000 \$ 12,500 \$ 24,500 \$ 625
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL	o. & 2.e.		LS 5	\$.2,000 RATE		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,000 \$ 12,500 \$ 24,500
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU*	o. & 2.e.		LS 5	\$	2,000 RATE		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,000 \$ 12,500 \$ 24,500 \$ 625
	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU*	o. & 2.e.		LS 5	\$	2,000 RATE	Monthly Cost	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125
2.h.	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL		Days Registration	QTY LS 25	\$ \$	2,000 RATE 500	Monthly Cost \$ 2,131	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,000 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125
2.h. 2.i.	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES	Monthly Rate	Days Registration	QTY LS 25	\$ \$	2,000 RATE 500		\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125
2.h. 2.i. 2.i.i	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager	Monthly Rate \$ 1,400	Days Registration 31	QTY LS 25	\$ \$	2,000 RATE 500 Guel Cost 600	\$ 2,131	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572
2.h. 2.i. 2.i.i	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent*	Monthly Rate \$ 1,400	Days Registration 31 3 \$ 56	QTY LS 25 Insurance \$ 100	\$ \$ \$ \$ \$	2,000 RATE 500 Fuel Cost 600 750	\$ 2,131 \$ 3,332	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984
2.h. 2.i. 2.i.ii 2.i.iii	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck*	Monthly Rate \$ 1,400 \$ 2,420 \$ 2,87	Days Registration 31 56 567 \$ 67	QTY LS 25 Insurance \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Guel Cost 600 750 500	\$ 2,131 \$ 3,332 \$ 3,544	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528
2.h. 2.i. 2.i.ii 2.l.iil 2.l.iv	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman*	Monthly Rate \$ 1,400 \$ 2,420 \$ 2,870 \$ 2,390	Registration 3 \$ 31 5 \$ 56 7 \$ 67 2 \$ 64	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Guel Cost 600 750 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman*	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 fuel Cost 600 750 500 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804
2.h. 2.i. 2.i.ii 2.l.iil 2.l.ilv	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector *	Monthly Rate \$ 1,400 \$ 2,420 \$ 2,870 \$ 2,390	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Guel Cost 600 750 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman*	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 fuel Cost 600 750 500 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 5500 \$ 25,500 \$ 12,500 \$ 625 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 218,268
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector *	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 fuel Cost 600 750 500 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 218,268 \$ 1,279
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 fuel Cost 600 750 500 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 5500 \$ 25,500 \$ 12,500 \$ 625 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 218,268
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Forman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 fuel Cost 600 750 500 500 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 218,268 \$ 1,279
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only)	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426 \$ 2,25	Registration 3 \$ 31 6 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41 1 \$ 58	QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Fuel Cost 600 750 500 500 650	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 218,268 \$ 1,279 \$ 219,547
2.h. 2.i.i 2.i.ii 2.i.il 2.i.lv 2.i.v 2.i.vi	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,39 \$ 2,426 \$ 2,25	Registration 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41 1 \$ 58	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Fuel Cost 600 750 500 500 650	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547
2.h. 2.i. 2.i.ii 2.i.ii 2.i.iv 2.i.v	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle Bridge Superintendent/Safety Vehicle	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,393 \$ 2,426 \$ 2,25	Registration 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41 1 \$ 58	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Fuel Cost 600 750 500 500 650	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547 YEARLY TOTAL
2.h. 2.i.i 2.i.ii 2.i.il 2.i.lv 2.i.v 2.i.vi	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,39 \$ 2,426 \$ 2,25	Registration 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41 1 \$ 58	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Fuel Cost 600 750 500 500 650	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 25,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547
2.h. 2.i.i 2.i.ii 2.l.iil 2.i.lv 2.i.v 2.i.vi	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle Bridge Superintendent/Safety Vehicle	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,39 \$ 2,426 \$ 2,25	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 3 \$ 41 1 \$ 58 Registration 0 \$ 50	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ FF	2,000 RATE 500 fuel Cost 600 500 500 650 uel Cost 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547 YEARLY TOTAL
2.h. 2.i.i 2.i.ii 2.l.iil 2.i.lv 2.i.v 2.i.vi	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle Bridge Superintendent/Safety Vehicle	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,39 \$ 2,426 \$ 2,25	Registration 3 \$ 56 7 \$ 67 2 \$ 64 6 \$ 41 1 \$ 58	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ FF	2,000 RATE 500 Fuel Cost 600 750 500 500 650	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547 YEARLY TOTAL \$ 24,600 \$ 24,600
2.h. 2.i.i 2.i.ii 2.i.ii 2.i.iv 2.i.v 2.i.v 2.i.vi	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle Bridge Superintendent/Safety Vehicle	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,39 \$ 2,426 \$ 2,25	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 3 \$ 41 1 \$ 58 Registration 0 \$ 50	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ FF	2,000 RATE 500 fuel Cost 600 500 500 650 uel Cost 500	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 24,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547 YEARLY TOTAL
2.h. 2.i.i 2.i.ii 2.l.iil 2.i.lv 2.i.v 2.i.vi	Note: The vehicle cost is split 50/50 between 2.8 SAFETY TRAINING Training (Classes and seminars) Instructor Lodging & Meals SUBTOTAL 5% MU* TOTAL SAFETY MANAGEMENT Safety Supplies & Equipment Drug Testing - Employees SUBTOTAL 5% MU* TOTAL VEHICLES Contract Manager Track Superintendent* Welding Truck* Track Foreman* Assistant Track Forman* Track Inspector * SUBTOTAL 5% MU (Contract Manager vehicle only) TOTAL *Denotes HI-Rall Vehicle Bridge Superintendent/Safety Vehicle TOTAL	Monthly Rate \$ 1,400 \$ 2,426 \$ 2,87 \$ 2,39 \$ 2,426 \$ 2,25	Registration 31 3 \$ 56 7 \$ 67 2 \$ 64 3 \$ 41 1 \$ 58 Registration 3 \$ 50 DURATION	LS 5 QTY LS 25 Insurance \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000 RATE 500 Fuel Cost 600 500 500 650 uel Cost 500 RATE	\$ 2,131 \$ 3,332 \$ 3,544 \$ 3,056 \$ 3,067 \$ 3,059	\$ 15,000 \$ 10,000 \$ 25,000 \$ 500 \$ 25,500 \$ 12,500 \$ 12,500 \$ 625 \$ 25,125 YEARLY TOTAL \$ 25,572 \$ 39,984 \$ 42,528 \$ 36,672 \$ 36,804 \$ 36,708 \$ 1,279 \$ 219,547 YEARLY TOTAL \$ 24,600 \$ 24,600

NMA 2017-6 - Attachment 2 to Exhibit B. - 2018 ACTA MOW Budget Detail

MAINTENANCE PROGRAM RAIL GRINDING-LORAM	DURATION	QTY	RATE	
114 Stone Train	Days	2	\$ 50,000	\$ 100,000
Fuel	Gallons	6,000	\$ 4	\$ 24,000
Pre-Grinding Inspection	Days	1	\$ 15,000	\$ 15,000
Mobilization	·	LS		\$ 20,000
SUBTOTAL				\$ 159,000
5% MU				\$ 7,950
TOTAL				\$ 166,950
Note: This total is split 50/50 between Rallroad M&O 2.m.	& Capital 3.f. (\$83,475/	each)		
TRACK MATERIALS / SUPPLIES & RENTALS	DURATION	QTY	RATE	
Equipment Rental	Monthly	12	\$ 3,100	\$ 37,200
Program Track Materials	Monthly	12	\$ 10,000	\$ 120,000
Miscellaneous Track Materials	Monthly	12	\$ 3,000	\$ 36,000
Curve Grease	Monthly	12	\$ 2,000	\$ 24,000
Supplies & Consumables	Monthly	12	\$ 1,500	\$ 18,000
SUBTOTAL	.www.iii.jz.		1,000	\$ 235,200
5% MU				\$ 11,760
TOTAL				\$ 246,960
TOTAL				\$ 240,500
SIGNAL MAINTENANCE - AAR UNIT COUNTS		QTY	RATE	
Signal Supervisor 1,560 Hours				
Signal Engineer 728 Hours				
Test Maintainer 1,872 Hours				
Signal Maintainers (3) 2,080 Hours				
Vehicles				
Materials				
		4,901	\$ 216	\$ 1,058,616
Note: 5% Increase from 2017				
TOTAL				\$ 1,058,61
LADDER / FENCE / TRAFFIC SUPPORT				
Ladder Replacement Parts				\$ 10,000
Traffic Support				\$ 10,000
Fence Replacement/Repair				\$ 30,000
SUBTOTAL				\$ 50,00
5% MU				\$ 2,50 \$ 52,50
TOTAL				\$ 52,50
SECURITY (TRENCH CAMERAS)				5.00
Wire Replacement				\$ 5,00
Motion Detector Replacement Parts				\$ 5,00
Camera Replacement Parts				\$ 10,000
SUBTOTAL				\$ 20,00
5% MU				\$ 1,00
TOTAL				\$ 21,00
SECURITY & YARD/OFFICE MAINTENANCE & SUPPORT				
Security Guard Services				\$ 150,00
Janitorial Services	ALL CONTRACTOR OF CONTRACTOR CONT			\$ 7,70
HVAC & Building Maintenance (Includes electrical, plumbing, a	and pest control)			\$ 27,50
SUBTOTAL				\$ 185,20
5% MU				\$ 9,26
TOTAL				\$ 194,46
UNDERWATER BRIDGE INSPECTION				
Subcontractor				\$ 15,00
SUBTOTAL				\$ 15,00
				\$ 75
5% MU				\$ 15,75
5% MU TOTAL				7.7
TOTAL	DURATION	OTV	RATE	
TOTAL TRENCH DITCH CLEANING	DURATION Hours	QTY 240	RATE \$ 53.03	\$ 12.72
TOTAL TRENCH DITCH CLEANING Assistant Foreman - BBII inside labor	Hours	240	\$ 53.03	
TOTAL TRENCH DITCH CLEANING Assistant Foreman - BBII inside labor Track Laborer - BBII inside labor	Hours Hours	240 240	\$ 53.03 \$ 49.88	\$ 11,97
TOTAL TRENCH DITCH CLEANING Assistant Foreman - BBII inside labor	Hours	240	\$ 53.03	

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2.y. POSITIVE TRAIN CONTROL (PTC) SUPPORT at CP W&E Redondo

5	3,500
\$	3,500
\$	
\$	3,500
	\$ \$ \$

2.z. EXTRAORDINARY RIGHT-OF-WAY CLEANUP

Subcontractor	\$	30,000
SUBTOTAL	\$	30,000
5% MU	_ \$	1,500
TOTAL	\$	31,500

NMA 2017-6 - Attachment 2 to Exhibit B. - 2018 ACTA MOW Budget Detail

2018 CAPITAL Program

ı. SU	RFACING PROGRAM	DURATION	QTY		RATE		
Sur	facing Unit - BBII outside labor & machinery	Days	45	\$	4,600	\$	207,000
Mol	bilization		LS			\$	25,000
Not	te: All labor, equipment, and fuel included in daily rate						
то	TAL					\$	232,000
.i. RE	BALLAST PROGRAM	DURATION	QTY		RATE		
Ass	sistant Foreman - BBII inside labor	Hours	250	\$	53.03	\$	13,258
Tra	ck Laborer - BBII inside labor	Hours	250	\$	49.88	\$	12,470
TO	TAL					. \$	25,728
.ii RE	BALLAST PROGRAM	DURATION	QTY		RATE		
Ope	erated Equipment	Hours	400	\$	110	\$	44,000
ТО	TAL						44,000
CA	PITAL PROGRAM RAIL GRINDING-LORAM	DURATION	QTY		RATE		
	4 Stone Train	Days	2	\$	50,000	\$	100,000
Fue		Gallons	6,000	\$	4	\$	24,000
	e-Grinding Inspection	Days	1 LS	\$	15,000	\$	15,000 20,000
INO	bilization BTOTAL		LS			\$	159,000
						\$	7,950
SU						\$	166,950
5% TO No	TAL te: This total is split 50/50 between Rallroad M&O 2.m. &	Capital 3.f. (\$83,475/e	each) QTY		RATE		100,800
SU 5% TO Not	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST	DURATION	QTY				
SU 5% TO Not TR.	TAL te: This total is split 50/50 between Rallroad M&O 2.m. &			\$	RATE 1,000 2,450	\$	10,000 24,500
SU 5% TO Not TR. Equ	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental*	DURATION Days	QTY 10	\$	1,000	\$ \$ \$	10,000 24,500 3,000
SU 5% TO Not TR. Equ Hi-l Bal	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL	DURATION Days Days	QTY 10 10	\$	1,000 2,450	\$ \$ \$	10,000 24,500 3,000 37,500
SU 5% TO Nor TR. Equ Hi-I Bal SU 5%	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL	DURATION Days Days	QTY 10 10	\$	1,000 2,450	\$ \$ \$ \$	10,000 24,500 3,000 37,500 650
SU 5% TO Not TR. Equ Hi-I Bal SU 5%	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL	DURATION Days Days	QTY 10 10	\$	1,000 2,450	\$ \$ \$	10,000 24,500 3,000 37,500 650
SU 5% TO No TR. Equ Hi-l Bal SU 5% TO	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL i MU* ITAL	DURATION Days Days Days	QTY 10 10 10	\$ \$	1,000 2,450 300 RATE	\$ \$ \$ \$ \$ \$ \$	10,000 24,500 3,000 37,500 650 38,150
SU 5% TO No TR. Equ Hi-l Bal SU 5% TO	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck ilast Car Rental* BTOTAL i MU* ITAL VITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs	DURATION Days Days Days	QTY 10 10 10 10	\$ \$ \$	1,000 2,450 300 RATE 16,250	\$ \$ \$ \$ \$ \$ \$	10,000 24,500 3,000 37,500 650 38,150
SU 5% TO Nor TR. Equ Hi-i Bal SU 5% TO	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck dast Car Rental* BTOTAL I MU* ITAL VITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs	DURATION Days Days Days	QTY 10 10 10 10 2 2 2	**	1,000 2,450 300 RATE 16,250 19,250	\$ \$ \$ \$ \$ \$	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500
SU 5% TO Not TR Equ Hi-I Bal SU 5% TO SW #1 #1,	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck illast Car Rental* BTOTAL MU* TAL VITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 10 RBM Frogs	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 2	* * * *	1,000 2,450 300 RATE 16,250 19,250 23,500	\$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000
SU 5% TO Not TR. Equ Hi-i Bal SU 5% TO SW #11 #2 #1	TAL te: This total is split 50/50 between Rallroad M&O 2.m. & ACK REBALLAST uipment Rental* Rail Vac Truck ilast Car Rental* BTOTAL MU* ITAL VITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 0 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.)	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	* * * *	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000 36,385
SU 5% TO Nor TR. Equ Hi-i-Bal SU 5% TO SW #1 #1 #2	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MU* ITAL VITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 10 Switch Ties (2 L.H. & 2 R. H.)	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 2	* * * *	1,000 2,450 300 RATE 16,250 19,250 23,500	\$ \$ \$ \$ \$ \$ \$ \$ \$	10,000 24,500 3,000 37,500 650 38,150 32,500 47,000 36,385 39,745
SU 5% TO Nor TR. Equ Hi-l-l Bal SU 5% TO SW #1 #1 #2 #2 Tra	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 0 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 10 Switch Ties (2 L.H. & 2 R. H.) 11 ansportation & Tax	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	* * * * * * * * *	10,000 24,500 3,000 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000
SU 5% TO Nor TR. Equ Hi-l-l Bal SU 5% TO SW #1 #2 #1 #2 #2 Tra	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MU* ITAL VITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 10 Switch Ties (2 L.H. & 2 R. H.)	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	****	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000 216,130 10,807
SU 5% TO Non TR. Equiliant Su 5% TO SW #1 #2 #1 #2 #1 #2 \$5% SU 5%	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 0 RBM Frogs 0 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 0 Switch Ties (2 L.H. & 2 R. H.) ansportation & Tax	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	* * * * * * * * * * * * * * * * * * * *	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000 216,130 10,807
SU 5% TO Nor TR. Equilibilibilibilibilibilibilibilibilibili	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MU* ITAL WITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 4 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 20 Switch Ties (2 L.H. & 2 R. H.) 21 Sansportation & Tax BIOTAL BMU BIOTAL BOTAL BOT	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	***	10,000 24,500 3,000 650 38,150 32,500 47,000 36,385 39,745 22,000 216,130 10,807 226,937
SU 5% TO Nor TR. Equ Hi-i-i Bal SU 5% TO SW #1 #2 Tre SU 5% TO	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MITCH COMPONENT REPLACEMENT (Frogs & Concrete O RBM Frogs 4 RBM Frogs 0 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 0 Switch Ties (2 L.H. & 2 R. H.) 10 Switch Ties (2 L.H. & 2 R. H.) 11 SMP STATION UPGRADES 12 Impover from 2017 - Phase 2, 3, & 4	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	***	10,000 24,500 3,000 650 38,150 32,500 36,500 47,000 36,385 39,745 22,000 216,130 10,807 226,937
SU 5% TO Nor TR. Equ Hii Bal SU 5% TO Sw #1 #2 #2 Tra SU 5% TO	ACK REBALLAST uipment Rental* Rail Vac Truck llast Car Rental* BTOTAL MITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 0 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 0 Switch Ties (2 L.H. & 2 R. H.) ansportation & Tax BTOTAL 0 MU DITAL MITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 10 RBM Frogs 10 RBM Frogs 10 RBM Frogs 10 RBM Frogs 11 RBM Frogs 12 L.H. & 2 R. H.) 13 RBM Frogs 14 Switch Ties (2 L.H. & 2 R. H.) 15 RBM Frogs 16 RBM Frogs 17 RBM Frogs 18 RBM Frogs 19 RBM Frogs 10 RBM Frogs 10 RBM Frogs 10 RBM Frogs 10 RBM Frogs 11 RBM Frogs 12 L.H. & 2 R. H.) 13 RBM Frogs 14 RBM Frogs 15 RBM Frogs 16 RBM Frogs 17 RBM Frogs 18 RBM Frogs 18 RBM Frogs 19 RBM Frogs 10 RBM Fr	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	*********	10,000 24,500 3,000 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000 216,130 10,807 226,937
SU 5% TO Not TR Equal Hi-i Bal SU 5% TO SW #1 #2 #1 #2 Tran SU 5% TO	ACK REBALLAST uipment Rental* Rail Vac Truck liast Car Rental* BTOTAL WITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 4 RBM Frogs 0 RBM Frogs 0 RBM Frogs 0 Switch Ties (2 L.H. & 2 R. H.) 0 Switch Ties (2 L.H. & 2 R. H.) 1 Smportation & Tax BTOTAL BHOTAL MID STATION UPGRADES Tryover from 2017 - Phase 2, 3, & 4 ase 2, 3, & 4 - Additional Costs uplace Two Pumps at Greenleaf Pump Station	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	***	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000 216,130 10,807 226,937
SU 5% TO Not TR Equilibrium 18 SU 5% TO SW #11 #22 Trans SU 5% TO PU Ca Phin Re Pai	ACK REBALLAST uipment Rental* Rail Vac Truck liast Car Rental* BTOTAL MITCH COMPONENT REPLACEMENT (Frogs & Concrete O RBM Frogs 4 RBM Frogs 4 RBM Frogs 00 RBM Frogs 4 Switch Ties (2 L.H. & 2 R. H.) 00 Switch Ties (2 L.H. & 2 R. H.) 10 Switch Ties (2 L.H. & 2 R. H.) 11 SMP STATION UPGRADES 12 IMP STATION UPGRADES 13 IMP STATION UPGRADES 14 IMP STATION UPGRADES 15 IMP STATION UPGRADES 16 IMP STATION UPGRADES 17 I	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	***	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000 216,130 10,807 226,937
SU 5% TO Nor TR Equilibrium SU 5% TO SW #11 #22 #11 #25 Tra SU Ca Phi Ree Pai SU	ACK REBALLAST uipment Rental* Rail Vac Truck liast Car Rental* BTOTAL WITCH COMPONENT REPLACEMENT (Frogs & Concrete 0 RBM Frogs 4 RBM Frogs 4 RBM Frogs 0 RBM Frogs 0 RBM Frogs 0 Switch Ties (2 L.H. & 2 R. H.) 0 Switch Ties (2 L.H. & 2 R. H.) 1 Smportation & Tax BTOTAL BHOTAL MID STATION UPGRADES Tryover from 2017 - Phase 2, 3, & 4 ase 2, 3, & 4 - Additional Costs uplace Two Pumps at Greenleaf Pump Station	DURATION Days Days Days	QTY 10 10 10 10 2 2 2 4 4	***	1,000 2,450 300 RATE 16,250 19,250 23,500 9,096	***	10,000 24,500 3,000 37,500 650 38,150 32,500 38,500 47,000 36,385 39,745 22,000 216,130 10,807 226,937

REHAB HENRY FORD CROSSING @ CP DOMINGUEZ

3.w.

	REHAB HENRY FORD CROSSING @ CP DOMINGUEZ					
	Carryover from 2017					40.000
	Surfacing- BBII outside labor				\$	13,200
	Labor- BBII inside labor				\$	30,000
	Labor - BBII outside labor				\$	25,000
	Welding - BBII inside labor				\$	10,000
	Subject to 5% MU					
	Rail, Ties, & Trim				\$	52,000
	Concrete Crossing Panels (custom designed for curve)				\$	90,000
					\$	20,000
	Rental Equipment				\$	5,000
	Ballast & Fabric				\$	25,000
	Consultants - as needed					
	Paving & Track Subcontractors				\$	30,000
	Traffic Permits & Mitigation				\$	40,000
	Contingency				\$	10,000
	Clean-up & Tie Disposal				\$	7,500
	SUBTOTAL				S	357,700
	5% MU				\$	13,975
	TOTAL				\$	371,675
	Note: Engineering and Permit Costs (\$40K) included under So		4! 0	Other MOIN Cook of ORM Bud		
	Note: Engineering and Perint Costs (\$40K) included under St	ection iii. comaoi c	peruting a	otilor mon oost or our ====	.9	
3.aa.	RETIE CRUCERO TO LB DIAMONDS WITH CONCRETE TIES	DURATION	QTY	RATE		
	Carryover from 2017					
	Track Foreman - BBII inside labor	Hours	40	\$61.95	\$	2,478
	Track Laborers - BBII inside labor	Hours	130	\$49.88	\$	6,484
	Equipment Operators - BBII inside labor	Hours	80	\$79.01	\$	6,321
	Surfacing Unit - BBII outside labor & machinery	Days	2	\$4,600.00	\$	9,200
	SUBTOTAL	- mm/s		2501	\$	24,483
					\$	00000000000000
	5% MU*				\$	24,483
	TOTAL					24,400
3.bb.	REPLACE NEW HOT BOX DETECTOR @ MP 12.9					
0.00.	900					
0.55.	Carryover from 2017				\$	16,000
0.00.	Carryover from 2017 HBD Converter				\$	16,000
0.55.	Carryover from 2017 HBD Converter SUBTOTAL				\$	16,000
0.00.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU*				\$	16,000 800
0.55.	Carryover from 2017 HBD Converter SUBTOTAL				\$	16,000
	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT	MEASUREMENT	QTY	RATE	\$	16,000 800 16,800
	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL	MEASUREMENT Linear Feet	QTY 6,000	RATE \$ 45	\$ \$	16,000 800 16,800
	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT				\$ \$	16,000 800 16,800 270,000 270,000
	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL				\$ \$	16,000 800 16,800 270,000 270,000 13,500
	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials				\$ \$	16,000 800 16,800 270,000 270,000
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL				\$ \$	16,000 800 16,800 270,000 270,000 13,500
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD		6,000	\$ 45	\$ \$	16,000 800 16,800 270,000 270,000 13,500
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds		6,000 QTY	\$ 45	\$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work		6,000 QTY	\$ 45	\$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL		6,000 QTY	\$ 45	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL 5% MU		6,000 QTY	\$ 45	\$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000 22,000
3.gg.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL		6,000 QTY	\$ 45	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000
3.gg. 3.hh.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL 5% MU TOTAL SUBTOTAL 5% MU TOTAL SUBTOTAL 5% MU TOTAL SIGNAL CIRCUIT CONTROLLERS FOR SWITCHES (In Cycle)	Linear Feet DURATION	QTY 4	\$ 45 RATE \$ 110,000	\$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000 22,000 462,000
3.gg. 3.hh.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL 5% MU TOTAL	Linear Feet	QTY 4	\$ 45 RATE \$ 110,000	\$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000 22,000 462,000
3.gg. 3.hh.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL 5% MU TOTAL SUBTOTAL 5% MU TOTAL SUBTOTAL 5% MU TOTAL SIGNAL CIRCUIT CONTROLLERS FOR SWITCHES (In Cycle)	Linear Feet DURATION	QTY 4	\$ 45 RATE \$ 110,000	\$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000 22,000 462,000 30,000
3.gg. 3.hh. 3.ii.	Carryover from 2017 HBD Converter SUBTOTAL 5% MU* TOTAL CURVE RAIL REPLACEMENT Subcontractor Labor, Equipment, & Materials SUBTOTAL 5% MU TOTAL DIAMOND REPLACEMENTS - WEST THENARD Diamonds Subcontractor Labor & Equipment - 2019 Work SUBTOTAL 5% MU TOTAL SIGNAL CIRCUIT CONTROLLERS FOR SWITCHES (In Cycle) Subcontractor Labor, Equipment, & Materials	Linear Feet DURATION	QTY 4	\$ 45 RATE \$ 110,000	\$ \$ \$ \$ \$	16,000 800 16,800 270,000 270,000 13,500 283,500 440,000 22,000 462,000

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3.jj.	RETIE VARIOUS CONTROL POINTS WITH CONCRETE TIES	DURATION	QTY		RATE		
	Replace Wood Ties With Concrete Ties*		200	\$	135	\$	27,000
	Clips, Pads, & Insulators*		LS			\$	5,000
	Track Foreman - BBII inside labor	Hours	40	\$	61.95	\$	2,478
	Track Laborers - BBII inside labor	Hours	160	\$	49.88	\$	7,981
	Equipment Operators - BBII inside labor	Hours	80	\$	79.01	\$	6,321
	Surfacing Unit - BBII outside labor & machinery	Days	3	\$	4,600	\$	13,800
	SUBTOTAL					\$	62,580
	5% MU*					\$	1,600
	TOTAL					. \$	64,180
3.kk.	UPGRADE AND REFURNISH MAINTENANCE FACILITY						
J.KK.	Subcontractor Labor, Equipment, & Materials					\$	15,000
	SUBTOTAL					\$	15,000
	5% MU					\$	750
	TOTAL					\$	15,750
3.11.	FIXED TRENCH LADDERS						25.000
	Subcontractor Labor, Equipment, & Materials					\$\$	35,000
	SUBTOTAL					\$	35,000
	5% MU					\$	1,750
	TOTAL					\$	36,750
•	MICOST LANGOUG TRENCH CTRUCTURE REPAIRS						
3.mm.	MISCELLANEOUS TRENCH STRUCTURE REPAIRS Subcontractor Labor, Equipment, & Materials					\$	60,000
	SUBTOTAL			_		\$	60,000
	5% MU					\$	3,000
	TOTAL					\$	63,000