

ARROWHEAD IMPROVEMENTS ASSOCIATION RESERVE FUNDING PLAN TERM (2014-2024)

Revised 8-8-2015

Actual Reserve Balance	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	\$362,748											
MEMBER CONTRIBUTIONS REQUIRED OVER THE PERIOD PER YEAR	\$35,841	\$42,712	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$456,553
PROJECTED RESERVE FUND NEEDED												\$507,000

ITEM	QUANTITY	QUANTITY OVER THE FULL PERIOD	CSI DIVISION	CSI ABBREV.	UNIT COST	EXTENDED COST PER QUANTITY	ESTIMATED USEFUL LIFE	REMAINING IN YEARS ESTIMATED	RESERVE NEEDS BY YEAR												Total 10 Years	Total 43 years		
									2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024					
									Road Grader	1	3	Equip	LS	\$165,000	\$495,000	10-Years	7-10-Years	\$0	\$0	\$0			\$0	\$0
Groomer	1	3	Equip	LS	\$66,000	\$198,000	12-years	6-Years	\$0	\$0	\$0	\$22,000	\$22,000	\$0	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,000	\$198,000
Patrol Vehicle	1	4	Equip	LS	\$25,000	\$100,000	8-Years	4-Years	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$100,000
Sander	1	3	Equip	LS	\$7,000	\$21,000	12-Years	10-Years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,000	\$0	\$7,000	\$21,000
Front-End Loader	1	2	Equip	LS	\$150,000	\$300,000	20-years	10-Years	\$0	\$0	\$0	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000	\$300,000	
Water Truck	1	2	Equip	LS	\$30,000	\$60,000	15-years	3-years	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$60,000
Heavy Equipment Building:																								
Roof	1	1	7300	LS	\$30,000	\$30,000	40-years	30-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Concrete	1	1	3050	LS/CY	\$15,000	\$15,000	40-years	25-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Doors Exterior	6	2	8050	EA	\$5,000	\$10,000	20-years	20-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Doors Exterior (side)	3	6	8050	EA	\$650	\$3,900	20-years	10-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,900
Sanitation System	1	1	2050	EA	\$26,000	\$26,000	50-years	40-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000
Interior fixtures	1	2	9050	EA	\$250	\$500	15-years	15-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500
Plumbing system	1	1	15400	LS	\$4,000	\$4,000	50-years	40-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000
Electrical System	1	1	16050	LS	\$12,000	\$12,000	50-years	40-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000
Heat system	1	2	15050	LS	\$6,500	\$13,000	25-years	15-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000
Fire House:																								
Roof	1	1	7300	EA	\$35,000	\$35,000	40-years	30-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
Concrete	1	1	3050	LS/CY	\$25,000	\$25,000	40-years	25-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Doors Exterior	4	2	8050	EA	\$10,000	\$20,000	25-years	20-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Doors Interior	8	16	8050	EA	\$1,600	\$25,600	15-years	15-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,600
Sanitation System	1	1	2050	LS	\$26,000	\$26,000	50-years	40-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000
Interior fixtures	5	10	9050	EA	\$250	\$2,500	15-years	15-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
Siding & trim	1	2	7400	LS	\$45,000	\$90,000	30-years	20-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,000
Exterior Paint	1	5	9700	LS	\$4,500	\$22,500	8-years	8-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,500
Interior Paint	1	7	9700	EA	\$2,500	\$17,500	7-years	7-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500	\$0	\$0	\$0	\$0	\$0	\$17,500
Cabinets	1	2	6050	LS	\$7,000	\$14,000	25-years	10-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,000
Appliances	2	2	11400	EA	\$1,600	\$3,200	20-years	15-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200
Plumbing system	1	1	15050	LS	\$25,000	\$25,000	50-years	40-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Electrical System	1	1	16050	LS	\$35,300	\$35,300	50-years	40-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,300
Flooring	1	2	9600	LS	\$20,000	\$40,000	20-years	20-years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
Hazel Lake Preservation Project Phase 1	1	1	2600	LS	\$50,000	\$50,000	TBA	TBA	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$50,000	
Hazel Lake Preservation Project Phase 2	1	1	2600	LS	\$50,000	\$50,000	TBA	TBA															\$0	\$50,000
Hazel Lake Preservation Project Phase 3	1	1	2050	LS	\$25,000	\$25,000	TBA	TBA															\$0	\$25,000
Estimated Full Reserve Funding Over 40Years						\$1,795,000																	\$507,000	\$1,795,000
Reserve Needs Per Year not inflated									\$0	\$0	\$0	\$47,000	\$32,000	\$25,000	\$192,000	\$10,000	\$12,500	\$21,500	\$167,000	\$507,000				
Inflation Factor 2%									\$0	\$0	\$0	\$940	\$640	\$500	\$3,840	\$200	\$250	\$430	\$3,340	\$10,140				
Reserve Needs over the 10-year term									\$0	\$0	\$0	\$47,940	\$32,640	\$25,500	\$195,840	\$10,200	\$12,750	\$21,930	\$170,340					
Budget Funding For Reserves Projections over ten-year term									\$35,841	\$42,712	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$456,553	
Actual Year-End									\$36,143															
Reserve Needs									\$0	\$0	\$0	\$47,940	\$32,640	\$25,500	\$195,840	\$10,200	\$12,750	\$21,930	\$170,340	\$517,140				
2014 Reserve Balance									\$325,966															
PROJECTED RESERVE BALANCE									\$362,748	\$405,460	\$447,460	\$441,520	\$450,880	\$467,380	\$313,540	\$345,340	\$374,590	\$394,660	\$266,320					
ACTUAL RESERVE BALANCE									\$362,748															

Reserve Needs for 43-years	\$1,795,000	10-Year Cycle Terms	10-year Required at End of Term	Term Beginning Balance	10-Year Projected Need	Minimum Annual Deposit	Actual Annual Deposit	10-Year projected Deposits	End of Term Balance
Fully funded Reserves for 40-year projections suggest annual budget needs will need to reflect	\$41,744	2014-2024	\$517,140	\$362,748	\$154,392	\$16,000	\$36,000	\$360,000	\$205,608
		2025-2035	\$410,000	\$205,608	\$204,392	\$25,000	\$36,000	\$360,000	\$155,608
		2036-2046	\$518,415	\$155,608	\$362,807	\$44,000	\$44,000	\$440,000	\$77,193
		2047-2057	\$604,452	\$77,193	\$527,259	\$53,000	\$53,000	\$530,000	\$2,741