

Phelan Pinon Hills Community Services District

Enterprise Funds (Water) Capital Improvement Projects

	No.	Priority	Location	Description											Total 10 Years	11 + Years		
					2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027			2027/2028	
Master Plan Wells	1	1	Additional Water Supply (Well 9A Replacement, proposed 9C)	Study													\$10,000.00	
				Design / Engineering														\$10,000.00
				Drilling / Housing / Plumbing / Electrical														
Master Plan Reservoirs	2	2	Site 6A - New (0.6 MG)	Land Acquisition			\$50,000.00										\$50,000.00	
Master Plan Boosters	3	1	Site 3C - Booster "A" (264 to 350) GPM & Booster "B" (233 to 350) GPM Upsize	Design / Engineering		\$15,000.00											\$15,000.00	
				Construction			\$65,000.00										\$65,000.00	
				Electrical			\$5,000.00										\$5,000.00	
Projects with Growth	4		Site 2B Boosters Upgrade (New Building, piping, electrical)	Design / Engineering													\$10,000.00	
				Housing													\$340,000.00	
				Electrical													\$10,000.00	
	5	1	Site 4C - New (1.3 MG)	Design / Engineering													\$10,000.00	
				Construction													\$900,000.00	
	6	1	Site 5B - New (1.2 MG)	Design / Engineering													\$10,000.00	
				Construction													\$700,000.00	
	7	2	Site 6A Tank - PZ6 Improvement Project - Rezoning Pipeline Project, Pinon Hills Rd. and Beekley Ct. Pipelines, paid for by school connection fees 2018 (\$188,098)	Survey (TRLS)														
				Design / Engineering		\$5,000.00												\$5,000.00
	8	2	Site 7B - New (0.3 MG)	Construction														\$160,000.00
Design / Engineering																	\$10,000.00	
9	2	Site 3C - New (1.7 MG)	Construction														\$200,000.00	
			Design / Engineering														\$10,000.00	
10	1	L1 - Additional Booster (Plumbing Req.)	Construction														\$1,200,000.00	
			Electrical														\$8,000.00	
			SCADA														\$30,000.00	
Smithson Springs	11	Smithson Springs Canyon Tank and Pipeline	Design / Engineering														\$10,000.00	
			Study / Design		\$5,000.00												\$5,000.00	
			Construction			\$25,000.00											\$25,000.00	
Dairy Well Pipeline	12	Chromium 6 Pipeline Project (pipeline, blending tank, booster station, etc.) (loans and grants)	Study / Design	\$1,104,780.50													\$0.00	
			Engineering/Construction			\$4,000,000.00	\$6,000,000.00	\$7,000,000.00									\$17,000,000.00	
			Other	\$2,554,750.00													\$0.00	
Engineering Services	13	Urban Water Management Plan (Update in years ending in "5" and "0")	Update				\$36,000.00										\$36,000.00	
	14	2020 Water Master Plan (update hydraulic model)	Update	\$50,000.00		\$80,000.00											\$80,000.00	
Solar	15	Solar Site	Security video camera install	\$10,000.00													\$0.00	
80ac School Site	16	PZ6 System Upgrades - Zone extensions, Booster Sta. 2A ("B") upgrade	Booster "B" upgrade	\$120,000.00													\$0.00	
Future Admin. Building	17	Future Administration Building (APN 3066-251-01, 9535 Sheep Creek Road)	Design / Engineering / County Fees / Construction	\$25,000.00		\$25,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00		\$825,000.00	

Phelan Pinon Hills Community Services District

Enterprise Funds (Water) Capital Improvement Projects (cont.)																	
	No.	Location	Description												Total 10 Years	11 + Years	
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028			
District Administration	18	Phelan Park (Note: \$200K total, 50% share of cost with Parks Fund)	Engineering, Design, Construction	\$100,000.00												\$0.00	
	19	Office Administration Building (in Phelan Park)	Paint Exterior		\$5,000.00											\$5,000.00	
	20	District Office Computers, Equipment, Furniture, etc. Scheduled for Replacement	Computer Network		\$25,000.00						\$25,000.00					\$50,000.00	\$25,000.00
			PC's		\$5,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$60,000.00	\$10,000.00	
21	District Vehicles and Equipment Scheduled for Replacement	Trucks	\$35,000.00	\$35,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$415,000.00		
		Backhoe		\$90,000.00											\$90,000.00		
Total CIP FY Cost:				\$3,864,530.50	\$185,000.00	\$4,250,000.00	\$6,136,000.00	\$7,100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$18,906,000.00	\$3,568,000.00	

Enterprise Funds (Water) 10-Year Repair and Maintenance Plan																	
	No.	Location	Description												Total 10 Years		
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028			
Projects	22	Tank Maintenance 10-Year Contract (\$713,500) yr 1-2 (\$198,750) yr 3-10 (\$39,500) plus staff time; (2011 to 2021) potential 10-year contract 2021-2031	Maintenance (2011-2021)	\$45,000.00	\$45,000.00	\$45,000.00										\$90,000.00	
			Projected Maint. (2021-2031)				\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$400,000.00	
	23	Level Control/Pump Control/High Pressure Blow-off Control Valves / PRV Station maintenance. Well #14 PRV (164 valves total each year)	Maintenance	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00									\$60,000.00	
	24	Well Rehabilitation (one well every other year after 2018/2019)	Well 6A & 1B		\$150,000.00											\$150,000.00	
			Rehabilitation / Maintenance Well 12 / 9B	\$150,000.00			\$150,000.00			\$150,000.00						\$300,000.00	
	25	Booster Rehab (5 boosters each year)	Rehabilitation	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00									\$150,000.00	
	26	Exterior Tank Blast and Paint Total - 5 each year (23)	Blast and Paint		\$95,000.00		\$95,000.00			\$57,000.00						\$247,000.00	
	27	SCADA site Upgrade (SCADA Upgrade completed 2015)	Maintenance		\$50,000.00		\$5,000.00									\$55,000.00	
	28	PRV (Emergency By-Pass)	rebuilt / replacement and maintenance	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$100,000.00	
	29	1.0 MG Tank Interior Coatings (Res. 1A-3, 2A-2, 2C-2 & 1B) \$80k/tank proposed for 10-year maintenance contract for 2021-2030	Res 1B-1 center column Blast and Paint				\$106,700.00	\$106,700.00	\$106,600.00	\$106,600.00	\$106,600.00	\$106,600.00	\$106,600.00	\$106,600.00	\$106,600.00	\$853,000.00	
	30	Leak Maintenance Program	Service Line Replacement	\$150,000.00	\$150,000.00	\$150,000.00										\$300,000.00	
	31	Solar - Operation and Maintenance Contact with SunPower (10 year)	O & M cost (2015-2024) Projection 2024-2035	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00	\$35,575.00		\$40,000.00	\$40,000.00	\$40,000.00	\$213,450.00	\$160,000.00
	32	TESCO - 1 year Contract (Maintenance and Services)	support services			\$15,000.00										\$15,000.00	
	33	Caltrans Widening of Highway 18 - (13) Fire Hydrant relocation	Construction		\$71,500.00											\$71,500.00	
	34	Reservoir 1B-1	center column replacement		\$5,000.00											\$5,000.00	
35	1.0 MW Solar	staff time / incidentals	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$50,000.00		
Total Maintenance				\$465,575.00	\$687,075.00	\$330,575.00	\$527,275.00	\$207,275.00	\$414,175.00	\$207,175.00	\$211,600.00	\$211,600.00	\$211,600.00	\$211,600.00	\$3,219,950.00		
Total CIP & Maintenance				\$4,330,105.50	\$872,075.00	\$4,580,575.00	\$6,663,275.00	\$7,307,275.00	\$514,175.00	\$307,175.00	\$311,600.00	\$311,600.00	\$311,600.00	\$311,600.00	\$22,125,950.00		

Phelan Pinon Hills Community Services District

Government Funds Capital Improvement Plan

	No.	Location	Description	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	Total 10 Years	
Parks and Recreation	1	Phelan Park / CC / Office (Note: \$200K total, 50% share of cost with Water Fund)	Remove and replace Parking Lot	\$100,000.00											\$0.00	
	1	Parks / Senior and Community Centers / District Office	Patch/Crack Fill/Seal							\$32,000.00					\$32,000.00	
	1	Parks / Senior and Community Centers / District Office	Paint Exterior		\$15,000.00						\$20,000.00					\$20,000.00
			Paint Interior		\$5,000.00		\$5,000.00		\$5,000.00	\$5,000.00		\$5,000.00		\$5,000.00	\$5,000.00	\$30,000.00
			Bath Partitions, Toilets, etc		\$5,000.00		\$5,000.00				\$19,500.00				\$5,000.00	\$24,500.00
			Repl Stoves/Refrig etc								\$36,500.00					\$36,500.00
	2	Phelan Park - East Lot	Clear		\$5,000.00											\$5,000.00
			Fence		\$16,000.00											\$16,000.00
	3	Phelan Park	Replace Play equip							\$22,000.00					\$89,000.00	
			Replace Shelters							\$103,000.00						\$103,000.00
			Benches/BBQs/Trash Cans							\$15,000.00						\$15,000.00
			Picnic Tables / Lighting											\$17,100.00		\$17,100.00
Repaint Basketball Cts						\$11,000.00									\$11,000.00	
		Fencing							\$30,000.00				\$30,000.00	\$60,000.00		
Total CIP FY Cost:				\$125,000.00	\$21,000.00	\$10,000.00	\$11,000.00	\$5,000.00	\$175,000.00	\$108,000.00	\$5,000.00	\$0.00	\$141,100.00	\$5,000.00	\$370,100.00	

	No.	Location	Description	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	Total 10 Years	
Solid Waste	1	Capital Commitment Fund	Update		\$25,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00	\$40,000.00	\$40,000.00	\$45,000.00	\$45,000.00	\$355,000.00	
			Trash Enclosure	\$25,000.00												
			Total CIP FY Cost:	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00	\$40,000.00	\$40,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$355,000.00