

2024 Capital Improvement Program
Proposed Engineering Ten-Year Plan

WATER ENGINEERING -- 10YR CIP		Calendar Year Planned for Construction	Current Budget FY 23	Proposed Budget by Fiscal Year :										10-YR TOTALS
#	PROJECT			24	25	26	27	28	29	30	31	32	33	
1	WATER SYSTEM UNPLANNED REPAIRS	23	485,000	500,000										500,000
2	HEAVENLY TANK COATING/IMPROVEMENTS	23	233,928	132,000										132,000
3	KELLER-HEAVENLY ZONE IMPROVEMENTS (3)	21 to 23	3,196,599	1,068,000										1,068,000
4	METERS - CLEANUP	21 to 25	755,163		707,000									707,000
5	METER COMBO'S	22	7,500											0
6	CATHODIC PROTECTION ON WATER SERVICES (PHASE 1)	24		54,000	516,000									570,000
7	ROCKY POINT #1 WATERLINE	21	155,211											0
8	REPLACE SUSQUEHANNA PRV	22	44,114											0
9	REPLACE PRICE ROAD PRV	21	43,959											0
10	CORNELIAN WATERLINE INSTALLATION	21	64,705											0
11	VALVE AND FIRE HYDRANT REPLACEMENTS	ALL	715,000	360,000	371,000	382,000	393,000	405,000	417,000	430,000	442,000	456,000	469,000	4,125,000
12	AMI TOWER REPLACEMENT	25 to 27			29,000	60,000	62,000	32,000						183,000
13	FUTURE HYDRANTS	26			359,000	739,000								1,098,000
14	BOWERS WATERLINE	22	1,619,336											0
15	BIJOU #2 AND #3 WATERLINE	22	1,343,000											0
16	BLACK BART #1 AND #2 WATERLINE	23	1,095,795	2,669,000										2,669,000
17	HAM LANE WATERLINE	23	450,000											0
18	GLENWOOD RANCHO WATERLINE	27	67,000				1,634,000	3,365,000						4,999,000
19	HERBERT WALKUP WATERLINE	24	0	1,389,000	2,649,000									4,038,000
20	LTB WATERLINE	25	32,043		1,008,000	2,077,000								3,085,000
21	ANGORA CREEK WATERLINE	30	30,000							1,503,000	3,058,000			4,561,000
22	CLEARVIEW MOUNTAIN MEADOW WATERLINE	31	30,000								1,381,000	2,805,000		4,186,000
23	TAHOE MTN WL REPLACEMENT	28	30,000					660,000	1,322,000					1,982,000
24	PARK AVENUE #1 WATERLINE	26	25,000			292,000	601,000							893,000
25	APACHE AVE WL IMPROVEMENTS	24	351,403		557,000									557,000
26	BIJOU #1 WATERLINE	26	150,000			757,000	1,559,000							2,316,000
27	GARDNER MOUNTAIN #2 WATERLINE	27					564,000	1,162,000						1,726,000
28	GARDNER MOUNTAIN #4 WATERLINE	27					573,000	1,180,000						1,753,000
29	WILDWOOD #3 WATERLINE	28						730,000	1,504,000					2,234,000
30	WILDWOOD #5 (+PRV) WATERLINE	28						586,000	1,208,000					1,794,000
31	SIERRA TRACT #2 WATERLINE	29							773,000	1,592,000				2,365,000
32	SIERRA TRACT PROJECT M WATERLINE	29							1,220,000	2,513,000				3,733,000
33	PALMIRA WL REPLACEMENT	29							233,000	479,000				712,000
34	BIJOU #4 WATERLINE	29								1,385,000	2,852,000			4,237,000
35	WILDWOOD #2 WATERLINE	30								747,000	1,538,000			2,285,000
36	MEYERS #1 WATERLINE	28							142,000	293,000				435,000
37	WILDWOOD #1 WATERLINE	30								730,000	1,504,000			2,234,000
38	GARDNER MOUNTAIN #3 WATERLINE	32										790,000	1,626,000	2,416,000
39	GARDNER MOUNTAIN #1 WATERLINE	32										737,000	1,518,000	2,255,000
40	PT (LARCH TO SKI RUN) WATERLINE IMPROVEMENTS	24	123,000		261,000									261,000
41	SIERRA TRACT #5 WATERLINE	31									796,000	1,640,000		2,436,000
42	SIERRA TRACT #4 WATERLINE	31									939,000	1,934,000		2,873,000
43	SIERRA TRACT #1 WATERLINE	31									1,103,000	2,271,000		3,374,000
44	PIONEER VILLAGE WATERLINE	32										907,000	1,868,000	2,775,000
45	NOTTAWAY ACOMA WATERLINE	33											991,000	991,000
46	PIONEER TRAIL WATERLINE - GOLDEN BEAR TO PINE VALLEY	26	0			1,746,000	3,596,000							5,342,000
47	REPLACE PT/MARSHALL AND PT/KOKANEE PRV	26				213,000	438,000							651,000
48	NEW PRV AT WASHOAN-NADOWA	23	121,000	247,000										247,000
49	NEW PRV AT JICARILLA/PT (SUSQ ZONE)	26				205,000	422,000							627,000
50	UTR MEYERS WATERLINE RELIABILITY IMPROVEMENTS	22	52,000											0
51	REGINA/DONNER WATERLINE	25		22,000	41,000	84,000								147,000
52	REPLACE NEEDLE PEAK #5 PRV	25		11,000	118,000	242,000								371,000
53	FIELD COMMUNICATION UPGRADES PHASE 2	23	260,000											0
54	FIELD COMMUNICATION UPGRADES PHASE 3	24	150,000	160,000										160,000

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#	PROJECT			24	25	26	27	28	29	30	31	32	33		
55	GENERATOR AT KELLER	23	197,000												0
56	GENERATOR AT PALOMA	23	197,000												0
57	UPPER MONTGOMERY BOOSTER, FIRE PUMP, WATERLINE (1)	27			116,000		513,000	1,057,000							1,686,000
58	H STREET ZONE BOOSTER, FIRE PUMP	27			116,000		423,000	872,000							1,411,000
59	AL TAHOE WELL REHABILITATION	25	222,000	229,000		341,000	702,000								1,272,000
60	AL TAHOE / BAYVIEW BACKUP POWER	24	258,000	266,000	635,000	1,307,000									2,208,000
61	TATA BOOSTER STATION AND TANK REPLACEMENT	33									1,347,000	2,774,000			4,121,000
62	DAVID LANE BOOSTER IMPROVEMENTS, GEN CONNECT	28						487,000	1,002,000						1,489,000
63	FLAGPOLE ZONE IMPROVEMENTS	31									378,000	777,000			1,155,000
64	LOWER COLD CREEK BOOSTER ELECTRICAL IMPROVEMENTS	33											538,000		538,000
65	PALOMA WELL REHAB	22 to 23	400,000												0
66	BAYVIEW WELL VFD AND CONTROL SYSTEM UPGRADES	23	132,000												0
67	ELKS CLUB WELL PUMP/MOTOR REPLACEMENT	24	258,000												0
68	BAKERSFIELD PUMP/MOTOR REPLACEMENT	24		383,000											383,000
69	AIRPORT WELL TREATMENT AND ELECTRICAL REPLACEMENT	33											3,315,000		3,315,000
70	SUT WELL MOTOR AND CASING	23		150,000											150,000
71	GLENWOOD WELL CASING REHAB	24			531,000										531,000
72	WATER BOOSTER STATION AND WELL MONITORING	26+			523,000	539,000	131,000	135,000	139,000	143,000	147,000	152,000			1,909,000
73	TANKS BACKUP POWER	22	758,132												0
74	WATER EFFICIENCY IMPROVEMENTS	28						364,000	750,000						1,114,000
75	WATER LOSS TRACKING (STATELINE DMAS)	27					662,000	1,362,000							2,024,000
76	TANK COATINGS (STATELINE NO. 1)	26			244,000	503,000									747,000
77	TANK COATINGS (GARDNER NO. 1)	27				128,000	263,000								391,000
78	TANK COATINGS (STATELINE NO.2)	25			294,000	605,000									899,000
79	TANK COATINGS (FLAGPOLE NO. 2)	23	89,000	172,000											172,000
80	TANK COATINGS (ARROWHEAD)	28						235,000	483,000						718,000
81	TANK COATINGS (IROQUOIS 1)	22 and 28	42,000						143,000	294,000					437,000
82	TANK COATINGS (ANGORA)	22 and 29	0							146,000	299,000				445,000
83	TANK COATINGS (ECHO VIEW)	23 and 30		37,000							143,000	295,000			475,000
84	TANK COATINGS (FOREST MTN)	22 and 31	23,717									151,000	310,000		461,000
85	TANK COATINGS (LOOKOUT)	22	29,000												0
86	TANK COATINGS (COUNTRY CLUB)	32											165,000		165,000
87	TANK COATINGS (IROQUOIS 2)	23		156,000											156,000
88	TANK COATINGS (GARDNER NO. 2)	23		37,000											37,000
89	TANKS ASSET MANAGEMENT PROGRAM	ALL			60,000	138,000	105,000	106,000	112,000	72,000	118,000	122,000	125,000		958,000
90	ADMIN HVAC UPGRADES	22	31,000												0
91	VIEW CIRCLE WL REPAIR AND PAVING	22	214,000												0
92	O'REILLY LOOP LINE / HWY 50	22	52,000												0
93	ARROWHEAD TANK CONTROL ROOM REPAIRS	22	52,000												0
94	LOOKOUT TANK ACCESS ROAD REPAIRS	22	248,000	319,000											319,000
95	PT / COLD CREEK COURT WL ABANDONMENT	22	52,000												0
WATER TOTALS:				8,361,000	8,009,000	9,575,000	14,156,000	13,139,000	10,980,000	11,497,000	11,842,000	14,379,000	13,851,000	115,789,000	
SEWER AND WATER TOTALS:				19,087,000	20,947,000	22,007,000	27,289,000	26,645,000	20,576,000	21,477,000	26,631,000	21,288,000	19,677,000	225,624,000	

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