		1				Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
				2024 \$		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
					_										
BOD.		Camari	I Decinate			1									
BOD .			l Projects		_										
ALL	25003		Headquarters: New Roof, Solar/Battery Storage, interior refresh	\$ 185,3		\$ 185,323									
ALL	25010		Physical Site Security Improvements	\$ 95,4		\$ 25,000	\$ 45,000	\$ 25,450							
D1/D3/D2		G-3	Fire and Water Wise Landscape Improvements (Office, Eucalyptus, Brown Well, Sage, Vosburg, Wilcox Reservoir)	\$ 75,0							\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
ALL	25009		Roofing on Booster Stations and CL2 Rooms	\$ 60,0		\$ 15,000			\$ 15,000						
ALL		G-5	SCADA RTU Upgrades (current RTU's no longer supported after 2027)	\$ 100,0			\$ 50,000								
ALL		G-6	Solar Panels/Batteries for Comms at all Generator Powered Sites	\$ 125,0			\$ 50,000	\$ 50,000	\$ 25,000						
ALL		G-7	SCADA Radio/Antenna Upgrades (current Radios still manufactured but likely required during years 5-10)	\$ 110,0									\$ 35,000	\$ 35,000	\$ 40,000
ALL	25011	1 G-8	District Storage Facilities at Sage Site, Eucalyptus Site and Vosburg Site	\$ 45,0		\$ 15,000									
ALL		G-9	Driveway Paving/Improvements at Wilcox Well/Wilcox Reservoir/Holly (3 locations, see ST-2 for Glen)	\$ 60,0	0		\$ 20,000	\$ 20,000	\$ 20,000						
\vdash															
			Storage Projects												
ALL			Vosburg Reservoir - Replace all Exterior Cladding/Screens and Recoat/Patch Roof	\$ 100,0						\$ 100,000					
ALL	25001		Glen Reservoir - New Roofing System, Crack Repair, Small Solar, Sitework	\$ 305,2		\$ 305,285									
ALL			Brown Reservoir -New Roof Framing System + Interior Rehab/Liner	\$ 150,0									\$ 150,000		
ALL		ST-4	Eucalyptus Reservoir - Roof/Paint/General Rehab pending recommendations following 2025 inspection	\$ 25,0	0		\$ 25,000								
ALL			Wilcox Reservoir - Roof/Paint/General Rehab pending recommendations following 2025 inspection	\$ 50,0			\$ 50,000								
ALL	25005	ST-6	East Tank - Gabion Baskets and Labor to build retaining wall around tank (60 lf)	\$ 6,0	10	\$ 6,000									
		Pumpii	g Projects (recommend O&M budget include 1 new pump ever other year, the following are immediate needs)												
ALL	25006		K3 Well Pump Rehab/Upgrade to Water Lubricated, cleanup Electrical System, upgrade vault exhaust system	\$ 250,0	0	\$ 250,000									
ALL		P-2	Wilcox Well -New Pump&Motor+Electrical+Generator	\$ 437,5	0		\$ 437,500								
ALL	25007	7 P-3	Eucalyptus Booster Pump/Motor R&R (Pump 1)	\$ 75,0	0	\$ 75,000									
ALL		P-4	Wilcox Booster: Rehab Pump Stand, new Boosters, Electrical Upgrade and Pumping Line	\$ 700,0	0		\$ 250,000	\$ 450,000							
ALL	25008	8 P-5	Glen Reservoir Booster Pump/Motor R&R #1 + Spare Pump Bowl Assembly	\$ 121,0	0	\$ 38,500		\$ 82,500							
ALL		P-6	Fleet Replacement - Booster Backup Generators (Eucalyptus, Wilcox Resv, Vosburg/Sage, Glen,)	\$ 250,0	0					\$ 150,000				\$ 50,000	\$ 50,000
		Treatm	ent Proiects												
ALL	25004		Fluoride Blending Treatment for Delores Tunnel and Far Mesa Tunnel	\$ 132,2	0	\$ 132,250									
ALL		T-2	Fluoride Blending Treatment for Hi-Low Tunnel to West Tank	\$ 85,0			\$ 85,000								
ALI		T-3	K3 Chlorination System and Controls Upgrade (new Generator system and Controls)	\$ 75,0			+ 55,000	\$ 75,000							
								+ 10,000							
		Tunnel	Supply/Spreading Projects		_										
ALI	25012		Delores Tunnel - Pipeline Repair and Protection in Canyon, Tree Removals, Hazard Mitigation	\$ 25.0	0	\$ 25,000									
ΔΙΙ		SP-2	Far Mesa Tunnel: Access Structure on Rittenhouse Property with Pipe Shield	\$ 50,0		+,	\$ 50,000								
ALL			Hi-Lo Tunnel - replace canyon piping with HDPE where potential for damage	\$ 25,0			\$ 25,000								
		5. 5	The branch replace confort piping with the e-white potential for damage	φ 25,0		1	Ç 25,000								
		Distrib	ution System Projects - Valves/Hydrants			1	1								
ΔII	25002	DISTIID	Control Valve Retrofit at Sage Booster Bypass to drop West Tank Water into Sage/Holly (convert to 131 with XP2F Package)	\$ 10,0	n	\$ 10,000									
ALL		D-1		7 10,0											
ALL	25003			¢ 10.0											
ΔII		D-1	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag		10	\$ 10,000									
		D-1 D-1	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA	\$ 45,0	10						ź (n nn)	¢ 60,000	ć 60.000	Ć (0.000	÷ 60.000
, , , ,		D-1 D-2 D-2	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled)	\$ 45,0 \$ 340,0	10	\$ 10,000	¢ 25.000	4 25 000	ć 25.000	¢ 25.000	\$ 68,000	\$ 68,000	\$ 68,000	\$ 68,000	\$ 68,000
ALL		D-1 D-2 D-2 D-3	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w, new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydrault and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9)	\$ 45,0 \$ 340,0 \$ 225,0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$ 10,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 68,000 \$ 25,000	\$ 68,000 \$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
, , , ,		D-1 D-2 D-2 D-3	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled)	\$ 45,0 \$ 340,0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$ 10,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000					φ 00,000
ALL		D-1 D-2 D-3 D-4	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects)	\$ 45,0 \$ 340,0 \$ 225,0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$ 10,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000			\$ 25,000	\$ 25,000	\$ 25,000
ALL		D-1 D-2 D-3 D-4 Distrib	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Instail Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Ation System Projects - Mainline	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0	10 10 10 10	\$ 10,000			\$ 25,000	\$ 25,000			\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5		D-1 D-2 D-3 D-4 Distrib D-5	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Ation System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023)	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 2,070,0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$ 10,000	\$ 25,000		\$ 25,000	\$ 25,000			\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5 D2		D-1 D-2 D-3 D-4 Distrib D-5 D-6	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade d"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ution System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm)	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 2,070,0 \$ 554,0	10 10 10 10 10 10	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 25,000			\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5		D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Ation System Projects - Mainline Brown-Gien to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Gien Road: Replace 780" of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2)	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 2,070,0 \$ 554,0 \$ 588,7	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$ 10,000			\$ 25,000				\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5 D2		D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ### Addition System Projects - Mainline Brown-Glen to Villa Knolis/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" To 10 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Messloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file)	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 2,070,0 \$ 554,0 \$ 588,7 \$ 285,0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000			\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5 D2		D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ution System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8" of 1P, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780' of 3" STL to 8" DIP (14 services, 2 new Hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480' of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560' of 4" STL to 6" DIP, no (e) FH, add 1 (n) FH, 6 services	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750			\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5 D2		D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8 D-8	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks [10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ### Additional Controlled ### Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) #### Ullaw Fasjavilla Rica: Upgrade 4"pl2.5" STL to 8" (5" DIP, 13 services and 1 hydrant (FF<350gpm) Ulower Pasjavilla Rica: Upgrade 4"pl2.5" STL to 8" (5" DIP, 13 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesjaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560" of 4" STL tw/ 6"DIP, no (6) FH, add 1 (n) FH, 6 services East Clarmeya - 300" of 4" STL with DIP, R&R 1 hydrant, 5 services; abandon 460" of 4" STL between Clarmeya and Doyne	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000	\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3		D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Attion System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" STL to 8" DIP, 14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 18" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560" of 4" STL with DIP, R&R 1 hydrant, 5 services, abandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Canyon Road; FF improvement on KCRd.	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2 \$ 495,0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750	\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3		D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8 D-8	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks [10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ### Additional Controlled ### Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) #### Ullaw Fasjavilla Rica: Upgrade 4"pl2.5" STL to 8" (5" DIP, 13 services and 1 hydrant (FF<350gpm) Ulower Pasjavilla Rica: Upgrade 4"pl2.5" STL to 8" (5" DIP, 13 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesjaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560" of 4" STL tw/ 6"DIP, no (6) FH, add 1 (n) FH, 6 services East Clarmeya - 300" of 4" STL with DIP, R&R 1 hydrant, 5 services; abandon 460" of 4" STL between Clarmeya and Doyne	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750	\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5 D2 D4 D1 D1 D1 D1 D3 D3/D1		D-1 D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-9 D-9	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Attion System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" STL to 8" DIP, 14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 18" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560" of 4" STL with DIP, R&R 1 hydrant, 5 services, abandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Canyon Road; FF improvement on KCRd.	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2 \$ 495,0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750	\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000
ALL ALL D5 D2 D4 D1 D1 D1 D1 D3 D3/D1		2 D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8 D-9 D-9 D-10	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade d"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ution System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/villa Rica: Upgrade 4"/2.5" STL to 8"6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-182) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560" of 4" STL vith DIP, R&R 1 hydrant, 5 services; abandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Carryon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, "600"tt	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2 \$ 495,0 \$ 331,2	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750	\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1		2 D-1 D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Ation System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8" /6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780' of 3" STL to 8" of DIP, 13 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480' of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerloa: Replace 560' of 4" STL tw /6" DIP, no (e) FH, add 1 (n) FH, 6 services East Clarmeya - 300' of 4" STL with DIP, Rat 1 hydrant, 5 esvices; 2 should not 460' of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, "600ft Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, "600ft Eucalyptus-Holly Loop Phase 2: Corner KMesaRd to Larmona "1000ft	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 206,2 \$ 495,0 \$ 331,2 \$ 500,2	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1		2 D-1 D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ###################################	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2 \$ 495,0 \$ 500,0 \$ 426,2	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1		2 D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program [unrelated to pipeline projects) ***Ition System Projects - Mainline** Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780' of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-182) East Mesaloa - 480' of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerioa: Replace 560' of 4" STL V of "DIP, no (e) FH, add 1 (n) FH, 6 services East Clarmeya - 300' of 4" STL with DIP, R&R 1 hydrant, 5 services; abandon 460' of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, "600ft Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona ~1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 6" steel from Reservoir to Barhite Street (1,200 II)	\$ 45,0 \$ 340,0 \$ 125,0 \$ 150,0 \$ 2,070,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 206,2 \$ 495,0 \$ 331,2 \$ 500,0 \$ 3426,2 \$ 675,0	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000				\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000 \$ 50,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1 D5/D4/D2 D5 D5 D5 D5 D5 D5 D4		2 D-1 D-2 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Attorney Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780' of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Garmeya - 300' of 4" STL with DIP, RaR 1 hydrant, 5 services; bandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona '1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 6" steel from Reservoir to Barities treviewed 10 plant and pagrade FPIC to 4" East Fairpoint Street - Abandon 900 if 4" STL, connect (6) Services to (e) 8" DIP and upgrade FPIC to 4"	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 54,0 \$ 554,0 \$ 313,7 \$ 206,2 \$ 495,0 \$ 331,2 \$ 500,0 \$ 675,0	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000				\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000 \$ 50,000 \$ 50,000 \$ \$ 80,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1 D5/D4/D2 D5		2 D-1 D-2 D-3 D-4 Distrib D-5 D-6 D-7 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13 D-14 D-15	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Ation System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Under Pasadena Glen Road: Replace 780' G3" STL to 8" Toll P. 13 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Clarmeya - 300' of 4" STL twith DIP, Rat 1 hydrant, 5 services, 2 new hydrants on V pressure, abandon GV-1&2) East Clarmeya - 300' of 4" STL twith DIP, Rat 1 hydrant, 5 services, 2 new hydrants on Kong. Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Amyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, "600ft Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona "1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 36" of steel from Reservoir to Baritle Street (1,200 If) East Fairpoint Street - Abandon 900 If 4" STL connect (6) Services to (e) 8" DIP and upgrade FPIC to 4" West Windower: Replace 200' of 4" STL, connect (6) Services, on hydrants Vosburg west of SWN: Replace 400' of 1.5" STL, abandon 1200' and reconnect 16 services to new service line or (e) AC	\$ 45,0 \$ 340,0 \$ 225,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 288,0 \$ 313,7 \$ 206,2 \$ 495,0 \$ 331,2 \$ 406,2 \$ 406,2	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000				\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000 \$ 50,000 \$ 50,000 \$ \$ 80,000	\$ 25,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1 D5/D4/D2 D5 D5 D5 D5 D5 D5 D4		2 D-1 2 D-1 D-2 D-3 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13 D-14 D-15 D-16	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Attion System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerioa: Replace 560" of 4" STL with DIP, 7 services, 1 hydrant (H-03 no FF on file) East Clarmeya - 300" of 4" STL with DIP, R&R 1 hydrant, 5 services, abandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona "1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 6" steel from Reservoir to Barhite Street (1,200 If) East Fairpoint Street - Abandon 900 If 4" STL, connect (6) Services to (e) B" DiP and upgrade FPIC to 4" West Windover: Replace 280" of 4" STL to 4" DIP, reconnect 6 services, no hydrants Vosburg west of SMV: Replace 400" of 1.5" STL, abandon 1200" of 2" STL, reconnect (5) Esrvices to new service line or (e) AC North Villa Heights Road: Abandon 240" of 4" AC and 210" of 2" STL, reconnect (5) Esrvices to (e) 12" DIP	\$ 45,0 \$ 340,0 \$ 125,0 \$ 150,0 \$ 2,070,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 246,2 \$ 475,0 \$ 580,0 \$ 580	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000				\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000 \$ 50,000 \$ 50,000 \$ \$ 80,000	\$ 25,000 \$ 50,000 \$ 500,000 \$ 500,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1 D5/D4/D2 D5		2 D-1 2 D-1 D-2 D-3 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13 D-14 D-15 D-16	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Ation System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Under Pasadena Glen Road: Replace 780' G3" STL to 8" Toll P. 13 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Clarmeya - 300' of 4" STL twith DIP, Rat 1 hydrant, 5 services, 2 new hydrants on V pressure, abandon GV-1&2) East Clarmeya - 300' of 4" STL twith DIP, Rat 1 hydrant, 5 services, 2 new hydrants on Kong. Eucalyptus-Holly Loop Phase 1: Eucalyptus Reservoir to 1850 Kinneloa Amyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Mesa Road, add 1 new hydrant, "600ft Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona "1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 36" of steel from Reservoir to Baritle Street (1,200 If) East Fairpoint Street - Abandon 900 If 4" STL connect (6) Services to (e) 8" DIP and upgrade FPIC to 4" West Windower: Replace 200' of 4" STL, connect (6) Services, on hydrants Vosburg west of SWN: Replace 400' of 1.5" STL, abandon 1200' and reconnect 16 services to new service line or (e) AC	\$ 45,0 \$ 340,0 \$ 125,0 \$ 150,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 206,2 \$ 495,0 \$ 331,7 \$ 331,7 \$ 331,7 \$ 345,0 \$ 540,0 \$ 540,0	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000				\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000 \$ 50,000 \$ 50,000 \$ \$ 80,000	\$ 25,000 \$ 50,000 \$ 500,000 \$ 250,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1 D5/D4/D2 D5		2 D-1 2 D-1 D-2 D-3 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13 D-14 D-15 D-16	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Attion System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerioa: Replace 560" of 4" STL with DIP, 7 services, 1 hydrant (H-03 no FF on file) East Clarmeya - 300" of 4" STL with DIP, R&R 1 hydrant, 5 services, abandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona "1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 6" steel from Reservoir to Barhite Street (1,200 If) East Fairpoint Street - Abandon 900 If 4" STL, connect (6) Services to (e) B" DiP and upgrade FPIC to 4" West Windover: Replace 280" of 4" STL to 4" DIP, reconnect 6 services, no hydrants Vosburg west of SMV: Replace 400" of 1.5" STL, abandon 1200" of 2" STL, reconnect (5) Esrvices to new service line or (e) AC North Villa Heights Road: Abandon 240" of 4" AC and 210" of 2" STL, reconnect (5) Esrvices to (e) 12" DIP	\$ 45,0 \$ 340,0 \$ 125,0 \$ 150,0 \$ 2,070,0 \$ 554,0 \$ 588,7 \$ 285,0 \$ 313,7 \$ 246,2 \$ 475,0 \$ 580,0 \$ 580	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000				\$ 285,000 \$ 313,750	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000	\$ 25,000 \$ 50,000 \$ 50,000 \$ \$ 80,000	\$ 25,000 \$ 50,000 \$ 500,000 \$ 500,000
D5 D2 D4 D1 D1 D1 D3 D3/D1 D1 D1 D5/D4/D2 D5 D5/D4/D2 D5 D4 D4		2 D-1 2 D-1 D-2 D-3 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13 D-14 D-15 D-16	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) ###################################	\$ 45,0 \$ 340,0 \$ 125,0 \$ 150,0 \$ 554,0 \$ 554,0 \$ 588,7 \$ 206,2 \$ 313,7 \$ 206,2 \$ 313,2 \$ 495,0 \$ 495,0 \$ 495,0 \$ 142,5 \$ 5 495,0 \$ 165,0 \$ 165	00 00 00 00 00 00 00 00 00 00 00 00 00	\$ 10,000 \$ 45,000 \$ -	\$ 2,070,000	\$ 554,063	\$ 588,750	\$ 285,000 \$ 313,750 \$ 206,250	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000 \$ 50,000 \$ 142,500	\$ 25,000 \$ 50,000 \$ 500,000 \$ 500,000 \$ 250,000 \$ 36,250 \$ 106,250
ALL ALL D5 D2 D4 D1 D1 D1 D1 D1 D1 D5 D5 D2 D4 D1 D1 D1 D1 D1 D3 D3/D1 D1 D5/D4/D2 D5 D4		2 D-1 2 D-1 D-2 D-3 D-3 D-4 D-5 D-6 D-7 D-8 D-8 D-8 D-9 D-9 D-10 D-11 D-12 D-13 D-14 D-15 D-16	Control Valve Retrofit at Eucalyptus Bypass to Drop Holly/Sage Water into Eucalyptus Reservoir (convert to 131 with XP2F Packag Holly Booster Pump Removal/Install Transfer Valve for East Tank to Holly Tanks w/ new SCADA Earthquake Valves at Storage Tanks (10 actuators, 2 EQ sensors; change to 7 Hydraulic and 3 Actuator Controlled) Upgrade 4"x2.5" Hydrant Heads/Laterals to 6"x4"x2.5" where mainline capacity meets FF (qty 9) Gate Valve Replacement Program (unrelated to pipeline projects) Attion System Projects - Mainline Brown-Glen to Villa Knolls/Edgecliff Project (per Civiltec design 2023) Villa Mesa/Villa Rica: Upgrade 4"/2.5" STL to 8"/6" DIP, 13 services and 1 hydrant (FF<350gpm) Lower Pasadena Glen Road: Replace 780" of 3" STL to 8" DIP (14 services, 2 new hydrants on V pressure, abandon GV-1&2) East Mesaloa - 480" of 4" STL to 8" DIP, 7 services, 1 hydrant (H-03 no FF on file) East Meyerioa: Replace 560" of 4" STL with DIP, 7 services, 1 hydrant (H-03 no FF on file) East Clarmeya - 300" of 4" STL with DIP, R&R 1 hydrant, 5 services, abandon 460" of 4" STL between Clarmeya and Doyne Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 2: 1850 KCynRd to corner of Kinneloa Canyon Road; FF improvement on KCRd. Eucalyptus-Holly Loop Phase 3: Corner KMesaRd to Larmona "1000ft Glen Pumping/Drain Line: Cut in New Sump for Inlet/Drain, New Pumping Line to Intersection, New Drain to Wash Brown Pumping Line, replace 6" steel from Reservoir to Barhite Street (1,200 If) East Fairpoint Street - Abandon 900 If 4" STL, connect (6) Services to (e) B" DiP and upgrade FPIC to 4" West Windover: Replace 280" of 4" STL to 4" DIP, reconnect 6 services, no hydrants Vosburg west of SMV: Replace 400" of 1.5" STL, abandon 1200" of 2" STL, reconnect (5) Esrvices to new service line or (e) AC North Villa Heights Road: Abandon 240" of 4" AC and 210" of 2" STL, reconnect (5) Esrvices to (e) 12" DIP	\$ 45,0 \$ 340,0 \$ 125,0 \$ 150,0 \$ 150,0 \$ 554,0 \$ 588,7 \$ 206,2 \$ 311,7 \$ 206,2 \$ 345,0 \$ 345,0 \$ 356,2 \$ 675,0 \$ 106,2	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 10,000 \$ 45,000 \$ - \$ - \$ -	\$ 2,070,000		\$ 588,750	\$ 285,000 \$ 313,750 \$ 206,250 \$ 1,080,000	\$ 25,000 \$ 495,000 \$ 331,250 \$ 934,250	\$ 25,000	\$ 25,000	\$ 25,000 \$ 50,000 \$ 80,000 \$ 142,500 \$ 465,500	\$ 25,000 \$ 50,000 \$ 50,000 \$ 500,000 \$ 250,000 \$ 106,250 \$ 1,160,500