



# Combined Fund Summary

5 Year Financial Forecast	2016-17 Actual	2017-18 Actual	2018-19 Amended	2018-19 Estimated	2019-20 Forecast	2020-21 Forecast	2021-22 Forecast	2022-23 Forecast	2023-24 Forecast
Beginning Balance	139,388,666	213,739,482	191,715,190	211,136,649	193,806,711	199,209,741	198,418,183	209,984,469	203,398,115
<b>Revenue</b>									
Water/Wastewater Revenue	592,036,738	568,427,290	553,975,431	541,778,718	562,792,999	571,494,523	592,641,224	602,739,364	624,632,860
Other Revenue	5,627,018	4,923,363	4,926,380	4,926,380	4,966,028	5,065,349	5,166,656	5,269,989	5,375,389
Interest	1,282,356	5,215,685	3,647,168	3,647,168	3,924,348	2,696,824	2,684,951	2,858,445	2,759,650
Development Fees	2,647,555	1,321,192	1,298,300	1,298,300	1,337,141	1,377,255	1,418,573	1,461,130	1,504,964
Public Health Licenses, Permits, Inspec.	66,530	694,415	710,600	710,600	711,714	725,948	740,467	755,277	770,382
Other Fines	706,700	638,250	589,200	589,200	606,876	625,082	643,835	663,150	683,044
Building Rental/Lease	714,880	120,670	117,600	117,600	118,778	121,154	123,577	126,048	128,569
Scrap Sales	58,550	76,792	46,800	46,800	48,120	50,526	53,052	55,705	58,490
Land & Infrastructure Rental/Lease	0	71,500	72,000	72,000	73,440	74,909	74,909	74,909	74,909
Miscellaneous Franchise Fees	502,904	287,492	66,800	66,800	67,968	69,327	70,714	72,128	73,571
Parking Fees	0	1390	0	0	0	0	0	0	0
<b>Total Revenue</b>	603,643,231	581,776,648	565,450,279	553,253,566	574,647,412	582,300,898	603,617,957	614,076,144	636,061,828
<b>Transfers In</b>		581,778,039							
CIP	32,954,253	30,000,932	34,200,000	35,200,000	34,572,000	36,234,000	35,762,000	37,298,000	36,843,000
Austin Water Utility	3,400,000	7,400,000	4,000,000	4,000,000	5,500,000	5,750,000	6,000,000	6,250,000	6,500,000
Support Services/Infrastructure Funds	300,582	300,582	300,582	300,582	300,582	300,582	300,582	300,582	300,582
Austin Resource Recovery	0	53,334	53,334	53,334	53,334	53,334	53,334	53,334	53,334
Community Benefit Charge Transfer In	0	2,601,918	9,132,323	9,132,323	9,096,611	9,319,315	9,446,264	9,554,860	9,754,147
<b>Total Transfers In</b>	36,654,835	40,356,766	47,686,239	48,686,239	49,522,527	51,657,231	51,562,180	53,456,776	53,451,063
<b>TOTAL AVAILABLE FUNDS</b>	<b>640,298,066</b>	<b>624,077,870</b>	<b>613,136,518</b>	<b>601,939,805</b>	<b>624,169,939</b>	<b>633,958,129</b>	<b>655,180,137</b>	<b>667,532,921</b>	<b>689,512,891</b>
<b>Program Requirements</b>		624,077,870			4%	2%	3%	2%	3%
Operations	124,200,866	131,831,913	140,451,312	140,449,135	138,920,841	144,422,363	147,039,374	149,722,856	152,497,833
Support Services	26,701,447	28,252,117	31,183,106	31,117,783	32,226,301	34,822,271	36,168,463	37,301,554	38,622,097
Engineering Services	12,158,349	12,452,254	13,089,466	13,089,466	13,590,899	14,302,987	14,810,518	15,115,457	15,425,680
Environmental Affairs & Conservation	10,578,329	11,134,431	12,348,166	12,395,666	12,767,220	13,442,714	14,033,327	14,331,695	14,632,851
Other Utility Program Requirements	9,766,114	6,708,942	9,467,966	9,487,966	9,607,906	9,761,566	9,959,113	10,161,461	10,326,236
Water Resources Management	8,192,861	8,445,109	9,370,556	9,370,556	10,314,626	11,151,830	11,660,276	11,887,179	12,114,668
Reclaimed Water Services	328,429	529,554	571,388	571,388	576,410	601,322	611,612	624,169	637,024
<b>Total Program Requirements</b>	191,926,395	199,354,321	216,481,960	216,481,960	218,004,204	228,505,052	234,282,682	239,144,370	244,256,388
<b>OTHER REQUIREMENTS</b>									
Utility Billing System Support	18,814,781	20,566,947	20,562,342	20,562,342	22,618,576	24,654,248	26,626,588	28,490,449	30,199,876
Accrued Payroll	326,020	222,358	764,067	764,067	764,067	916,881	1,100,257	1,320,308	1,386,323
Trf to PID Fund	75,000	112,760	73,955	73,955	73,955	73,955	73,955	73,955	73,955
Interdepartmental Charges	169,190	75,000	75,000	75,000	76,500	76,500	76,500	76,500	76,500
Compensation Adjustment	0	0	0	0	3,413,106	3,494,374	3,581,734	3,671,277	0
<b>Total Other Requirements</b>	19,384,992	20,977,065	21,475,364	21,475,364	26,946,204	29,215,958	31,459,034	33,632,489	31,736,654
<b>TOTAL OPERATING REQUIREMENTS</b>	<b>211,311,387</b>	<b>220,331,386</b>	<b>237,957,324</b>	<b>237,957,324</b>	<b>244,950,408</b>	<b>257,721,010</b>	<b>265,741,716</b>	<b>272,776,859</b>	<b>275,993,042</b>
<b>DEBT SERVICE REQUIREMENTS</b>									
Trf to Util D/S Separate Lien	153,009,361	120,791,876	147,149,281	145,045,448	156,108,171	166,640,420	172,284,704	178,654,849	179,922,533
Tfr to Utility D/S Prior Lien	38,802,974	56,722,990	27,963,926	28,001,614	14,856,384	0	0	0	0
Tfr to Utility D/S Sub Lien	8,807,521	9,081,928	9,294,800	9,305,998	9,632,917	3,801,901	5,315,335	5,054,470	4,978,154
Trf to GO Debt Service	3,620,144	2,868,844	2,042,881	2,042,879	1,917,836	1,288,856	883,179	506,961	353,827
Tfr to Util D/S Tax/Rev Bonds	645,526	1,159,477	976,802	976,802	813,426	669,724	663,681	666,568	664,896
Commercial Paper Interest	511,760	207,023	572,064	1,513,081	2,160,266	1,675,808	3,192,075	3,038,333	1,503,917
<b>Total Debt Service Requirements</b>	205,397,286	190,832,138	187,999,754	186,885,822	185,489,000	174,076,710	182,338,975	187,921,182	187,423,327
<b>TRANSFERS OUT</b>									
Trf to General Fund	42,876,568	45,914,379	47,585,534	47,585,534	47,335,876	46,529,104	46,705,696	48,065,485	49,125,423
Trf to Wastewater CIP Fund	29,200,000	42,000,000	41,000,000	41,000,000	41,000,000	41,000,000	42,000,000	43,000,000	41,000,000
Trf CRF to Debt Defeasance	22,000,000	30,000,000	34,200,000	34,200,000	34,572,000	35,234,000	35,762,000	36,298,000	36,843,000
Trf to Water CIP Fund	22,000,000	29,000,000	27,000,000	27,000,000	29,000,000	30,000,000	31,000,000	32,000,000	33,000,000
CTM Support	4,127,580	4,029,576	4,811,624	4,811,624	5,292,786	5,822,065	6,404,271	7,044,698	7,396,933
Administrative Support	12,485,620	12,122,210	13,446,037	13,446,037	14,118,339	14,824,256	15,565,469	16,343,743	17,160,930
Trf to Reclaimed Water Fund	3,400,000	3,400,000	4,000,000	4,000,000	5,500,000	5,750,000	6,000,000	6,250,000	6,500,000
Trf to Economic Development	2,928,899	3,233,332	3,867,071	3,867,071	3,983,083	4,102,575	4,225,652	4,352,422	4,482,995
Trf to Capital Projects Mgmt Fund	1,813,549	2,407,858	2,943,935	2,943,935	2,943,935	2,943,935	2,943,935	2,943,935	3,002,814
Trf to Water Revenue Stab Rsv	9,381,380	6,850,265	1,986,876	1,969,597	2,081,250	2,095,286	2,111,056	2,128,385	2,145,829
Workers' Compensation	1,213,237	1,254,566	1,135,888	1,135,888	1,259,976	1,385,974	1,524,572	1,677,030	1,844,734
Trf to Reclaimed Water CIP Fund	1,000,000	1,000,000	1,000,000	1,000,000	750,000	750,000	750,000	750,000	1,000,000
Regional Radio System	253,605	293,218	454,320	454,320	477,036	500,888	525,932	552,228	579,840
CTECC Support	10,622	11,774	12,590	12,590	13,220	13,882	14,576	15,306	16,072
Trf Operating Transfer to Debt Defeasance	0	34,000,000	0	11,000,000	0	12,000,000	0	12,000,000	0
<b>Total Transfers Out</b>	152,691,060	215,517,178	183,443,875	194,426,596	188,327,501	202,951,965	195,533,159	213,421,233	204,098,570
<b>TOTAL REQUIREMENTS</b>	<b>569,399,733</b>	<b>626,680,702</b>	<b>609,400,953</b>	<b>619,269,742</b>	<b>618,766,908</b>	<b>634,749,686</b>	<b>643,613,850</b>	<b>674,119,274</b>	<b>667,514,939</b>
Funds over/ Under Total Requirements	70,898,335	(2,602,832)	3,735,565	(17,329,937)	5,403,031	(791,557)	11,566,287	(6,586,353)	21,997,952
Adjustment to GAAP	3,452,481	0	0	0	0	0	0	0	0
Ending Balance	<b>213,739,481</b>	<b>211,136,649</b>	<b>195,450,754</b>	<b>193,806,711</b>	<b>199,209,741</b>	<b>198,418,183</b>	<b>209,984,469</b>	<b>203,398,115</b>	<b>225,396,067</b>



## Water Fund Summary

	2016-17 Actual	2017-18 Actual	2018-19 Amended	2018-19 Estimated	2019-20 Forecast	2020-21 Forecast	2021-22 Forecast	2022-23 Forecast	2023-24 Forecast
<b>5 Year Financial Forecast</b>									
Beginning Balance	63,985,102	111,062,881	109,071,100	120,994,650	102,479,299	102,900,291	96,374,312	97,626,617	87,715,590
<b>Revenue</b>									
Water Revenue	318,937,696	299,599,533	287,447,009	279,045,153	290,285,381	293,403,906	305,107,524	308,821,661	318,531,196
Other Revenue	2,862,373	2,206,616	1,982,412	1,982,412	2,022,060	2,062,501	2,103,751	2,145,827	2,188,743
Interest	1,188,165	2,677,862	1,879,033	1,879,033	2,160,888	1,364,651	1,266,761	1,285,546	1,136,881
Public Health Licenses, Permits, Insp	60,290	67,946	55,700	55,700	56,814	57,950	59,109	60,291	61,497
Other Fines	706,700	638,250	589,200	589,200	606,876	625,082	643,835	663,150	683,044
Miscellaneous Franchise Fees	442,569	227,112	58,400	58,400	59,568	60,759	61,975	63,214	64,478
Building Rental/Lease	126,140	60,335	58,900	58,900	60,078	61,280	62,505	63,755	65,030
Land & Infrastructure Rental/Lease	0	71,500	72,000	72,000	73,440	74,909	74,909	74,909	74,909
Scrap Sales	29,275	38,396	26,400	26,400	27,720	29,106	30,561	32,089	33,694
Development Fees	1,319,746	1,317,815	1,294,700	1,294,700	1,333,541	1,373,547	1,414,754	1,457,196	1,500,912
Parking Fees	0	1,390	0	0	0	0	0	0	0
<b>Total Revenue</b>	<b>325,672,954</b>	<b>306,906,755</b>	<b>293,463,754</b>	<b>285,061,898</b>	<b>296,686,366</b>	<b>299,113,692</b>	<b>310,825,685</b>	<b>314,667,639</b>	<b>324,340,384</b>
<b>Transfers In</b>									
CIP	23,760,754	20,000,932	24,800,000	24,800,000	25,172,000	25,550,000	25,933,000	26,322,000	26,717,000
Community Benefit Charge Transfer	0	2,601,918	5,321,483	5,321,483	5,364,582	5,420,907	5,470,904	5,518,506	5,566,422
Support Services/Infrastructure Fun	150,291	150,291	150,291	150,291	150,291	150,291	150,291	150,291	150,291
Water Revenue Stability Reserve	0	0	0	0	0	0	0	0	0
<b>Total Transfers In</b>	<b>23,911,045</b>	<b>22,753,141</b>	<b>30,271,774</b>	<b>30,271,774</b>	<b>30,686,873</b>	<b>31,121,198</b>	<b>31,554,195</b>	<b>31,990,797</b>	<b>32,433,713</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>349,583,999</b>	<b>329,659,896</b>	<b>323,735,528</b>	<b>315,333,672</b>	<b>327,373,239</b>	<b>330,234,890</b>	<b>342,379,880</b>	<b>346,658,435</b>	<b>356,774,097</b>
<b>Program Requirements</b>									
Operations	63,942,358	68,492,283	74,433,961	74,507,371	73,561,125	76,231,894	77,531,105	78,865,678	80,242,621
Support Services	13,400,902	14,117,781	15,731,676	15,697,926	16,375,067	17,817,771	18,582,097	19,203,812	19,967,437
Environmental Affairs & Conservativ	7,536,026	8,034,617	9,085,779	9,133,279	9,390,304	9,817,877	10,229,248	10,444,634	10,664,033
Other Utility Program Requirements	5,174,664	3,630,770	4,908,549	4,988,549	5,030,578	5,111,166	5,193,373	5,277,233	5,362,777
Engineering Services	4,688,808	4,765,579	5,056,675	5,056,675	5,356,053	5,672,971	5,932,349	6,053,946	6,177,786
Water Resources Management	3,799,684	3,897,688	4,385,972	4,385,972	4,999,554	5,437,879	5,736,201	5,844,860	5,954,412
<b>Total Program Requirements</b>	<b>98,542,443</b>	<b>102,938,716</b>	<b>113,602,612</b>	<b>113,769,772</b>	<b>114,712,681</b>	<b>120,089,558</b>	<b>123,204,374</b>	<b>125,690,164</b>	<b>128,369,067</b>
<b>OTHER REQUIREMENTS</b>									
Utility Billing System Support	11,612,187	12,953,273	12,473,371	12,473,371	13,720,708	14,955,572	16,152,018	17,282,659	18,319,619
Accrued Payroll	174,364	149,647	383,833	383,833	383,833	460,600	552,720	663,264	696,427
Interdepartmental Charges	84,595	56,380	36,978	36,978	36,978	36,978	36,978	36,978	36,978
Trf to PID Fund	37,500	37,500	37,500	37,500	38,250	38,250	38,250	38,250	38,250
Insurance-Health/Life/Dental	0	0	0	0	0	0	0	0	0
Compensation Adjustment	0	0	0	0	1,150,010	1,178,760	1,208,229	1,238,435	0
<b>Total Other Requirements</b>	<b>11,908,646</b>	<b>13,196,800</b>	<b>12,931,682</b>	<b>12,931,682</b>	<b>15,329,779</b>	<b>16,670,160</b>	<b>17,988,195</b>	<b>19,259,586</b>	<b>19,091,274</b>
<b>TOTAL REQUIREMENTS</b>	<b>110,451,089</b>	<b>116,135,516</b>	<b>126,534,294</b>	<b>126,701,454</b>	<b>130,042,460</b>	<b>136,759,718</b>	<b>141,192,569</b>	<b>144,949,750</b>	<b>147,460,341</b>
<b>DEBT SERVICE REQUIREMENTS</b>									
Trf to Util D/S Separate Lien	83,318,248	66,966,657	80,283,229	80,283,229	87,522,842	85,013,091	90,691,816	90,638,784	92,159,930
Tfr to Utility D/S Prior Lien	18,082,584	27,279,832	13,107,542	13,107,542	0	0	0	0	0
Tfr to Utility D/S Sub Lien	4,912,524	5,078,934	5,213,100	5,213,100	5,551,217	1,838,812	2,570,793	2,444,624	2,407,713
Trf to GO Debt Service	1,643,408	1,327,428	910,449	910,449	785,404	598,100	426,307	253,862	176,914
Tfr to Util D/S Tax/Rev Bonds	238,871	504,340	408,212	408,212	244,836	247,825	245,589	246,657	246,038
Commercial Paper interest	198,274	97,979	316,314	316,314	1,761,959	623,836	777,403	552,631	409,813
<b>Total Debt Service Requirments</b>	<b>108,393,909</b>	<b>101,255,170</b>	<b>100,238,846</b>	<b>100,238,846</b>	<b>95,866,259</b>	<b>88,321,664</b>	<b>94,711,907</b>	<b>94,136,559</b>	<b>95,400,408</b>
<b>TRANSFERS OUT</b>									
General Fund	22,587,681	24,538,645	25,404,402	25,404,402	24,815,057	24,022,757	24,076,893	24,781,104	25,272,592
CIP Fund	22,000,000	29,000,000	27,000,000	27,000,000	29,000,000	30,000,000	31,000,000	32,000,000	33,000,000
CRF to Debt Defeasance	17,428,571	20,000,000	24,800,000	24,800,000	25,172,000	25,550,000	25,933,000	26,322,000	26,717,000
Operating Transfer to Debt Defeasa	0	6,825,455	0	10,000,000	0	9,000,000	0	9,000,000	0
Administrative Support	7,264,361	6,926,977	7,277,235	7,277,235	7,641,097	8,023,152	8,424,310	8,845,526	9,287,802
Water Revenue Stab Rsv	9,381,380	6,850,265	1,986,876	1,969,597	2,081,250	2,095,286	2,111,056	2,128,385	2,145,829
CTM Support	2,071,106	2,032,486	2,415,274	2,415,274	2,656,801	2,922,481	3,214,729	3,536,202	3,713,012
Reclaimed Water Fund	1,700,000	2,550,000	4,000,000	4,000,000	5,000,000	5,750,000	6,000,000	6,250,000	6,500,000
Economic Development	1,549,387	1,710,432	2,046,374	2,046,374	2,107,765	2,170,998	2,236,128	2,303,212	2,372,308
Capital Projects Mgmt Fund	1,173,937	1,123,401	1,194,441	1,194,441	1,194,441	1,194,441	1,194,441	1,194,441	1,218,330
Workers' Compensation	606,619	627,283	567,944	567,944	629,988	692,987	762,286	838,515	922,367
Regional Radio System	126,803	146,609	227,160	227,160	238,518	250,444	262,966	276,114	289,920
CTECC Support	5,311	5,887	6,295	6,295	6,610	6,941	7,288	7,653	8,036
Liability Reserve	0	0	0	0	0	0	0	0	0
<b>Total Transfers Out</b>	<b>85,895,156</b>	<b>102,337,440</b>	<b>96,926,001</b>	<b>106,908,722</b>	<b>101,043,527</b>	<b>111,679,487</b>	<b>105,223,098</b>	<b>117,483,152</b>	<b>111,447,196</b>
<b>TOTAL REQUIREMENTS</b>	<b>304,740,153</b>	<b>319,728,127</b>	<b>323,699,141</b>	<b>333,849,022</b>	<b>326,952,246</b>	<b>336,760,869</b>	<b>341,127,574</b>	<b>356,569,461</b>	<b>354,307,945</b>
Funds over/ Under Total Requireme	44,843,846	9,931,769	36,387	(18,515,350)	420,994	(6,525,978)	1,252,306	(9,911,025)	2,466,152
Adjustment to GAAP	2,233,933	0	0	0	0	0	0	0	0
Ending Balance	111,062,881	120,994,650	109,107,486	102,479,299	102,900,291	96,374,312	97,626,617	87,715,590	90,181,742



## Wastewater Fund Summary

	2016-17	2017-18	2018-19	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
5 Year Financial Forecast	Actual	Actual	Amended	Estimated	Forecast	Forecast	Forecast	Forecast	Forecast
<b>Beginning Balance</b>	<b>75,021,209</b>	<b>101,699,295</b>	<b>81,801,669</b>	<b>89,012,357</b>	<b>90,283,061</b>	<b>95,243,901</b>	<b>100,839,953</b>	<b>110,986,592</b>	<b>114,663,322</b>
<b>Revenue</b>									
Wastewater Revenue	271,588,891	266,892,640	264,646,577	260,867,776	270,454,242	275,820,905	285,049,649	291,218,707	303,163,143
Other Revenue	2,764,646	2,716,747	2,943,968	2,943,968	2,943,968	3,002,847	3,062,904	3,124,162	3,186,646
Interest	59,822	2,488,928	1,752,103	1,752,103	1,752,103	1,320,498	1,404,439	1,556,639	1,611,790
Public Health Licenses, Permits, Inspec.	6,240	626,469	654,900	654,900	654,900	667,998	681,358	694,985	708,885
Miscellaneous Franchise Fees	60,335	60,380	8,400	8,400	8,400	8,568	8,739	8,914	9,092
Building Rental/Lease	588,740	60,335	58,700	58,700	58,700	59,874	61,071	62,293	63,539
Scrap Sales	29,275	38,396	20,400	20,400	20,400	21,420	22,491	23,616	24,796
Development Fees	1,327,810	3,377	3,600	3,600	3,600	3,708	3,819	3,934	4,052
<b>Total Revenue</b>	<b>276,425,758</b>	<b>272,887,272</b>	<b>270,088,648</b>	<b>266,309,847</b>	<b>275,896,313</b>	<b>280,905,818</b>	<b>290,294,471</b>	<b>296,693,249</b>	<b>308,771,942</b>
<b>Transfers In</b>									
CIP	9,193,498	10,000,000	9,400,000	9,400,000	9,400,000	9,684,000	9,829,000	9,976,000	10,126,000
Austin Water Utility	0	1,943,065	0	0	0	0	0	0	0
Community Benefit Charge Transfer In	0	0	3,810,840	3,810,840	3,732,028	3,898,408	3,975,360	4,036,355	4,187,726
Support Services/Infrastructure Funds	150,291	150,291	150,291	150,291	150,291	150,291	150,291	150,291	150,291
Austin Resource Recovery	0	53,334	53,334	53,334	53,334	53,334	53,334	53,334	53,334
<b>Total Transfers In</b>	<b>9,343,789</b>	<b>12,146,690</b>	<b>13,414,465</b>	<b>13,414,465</b>	<b>13,335,653</b>	<b>13,786,033</b>	<b>14,007,985</b>	<b>14,215,980</b>	<b>14,517,351</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>285,769,548</b>	<b>285,033,962</b>	<b>283,503,113</b>	<b>279,724,312</b>	<b>289,231,967</b>	<b>294,691,852</b>	<b>304,302,456</b>	<b>310,909,229</b>	<b>323,289,293</b>
<b>Program Requirements</b>									
Operations	60,258,508	63,339,630	66,017,351	65,941,764	65,359,716	68,190,469	69,508,268	70,857,178	72,255,212
Support Services	13,300,545	14,134,336	15,451,430	15,419,857	15,851,234	17,004,499	17,586,365	18,097,742	18,654,659
Environmental Affairs & Conservation	3,042,303	3,099,814	3,262,387	3,262,387	3,376,916	3,624,837	3,804,079	3,887,061	3,968,817
Other Utility Program Requirements	4,559,781	3,062,102	4,528,817	4,468,817	4,546,422	4,618,876	4,733,586	4,851,431	4,930,006
Engineering Services	7,469,541	7,686,675	8,032,791	8,032,791	8,234,846	8,630,016	8,878,169	9,061,511	9,247,893
Water Resources Management	4,393,177	4,547,421	4,984,584	4,984,584	5,315,072	5,713,952	5,924,075	6,042,319	6,160,255
<b>Total Program Requirements</b>	<b>93,023,854</b>	<b>95,869,978</b>	<b>102,277,360</b>	<b>102,110,200</b>	<b>102,684,207</b>	<b>107,782,649</b>	<b>110,434,542</b>	<b>112,797,240</b>	<b>115,216,844</b>
<b>OTHER REQUIREMENTS</b>									
Utility Billing System Support	7,202,594	7,613,674	8,088,971	8,088,971	8,897,868	9,698,676	10,474,570	11,207,790	11,880,257
Accrued Payroll	143,449	71,265	370,306	370,306	370,306	444,367	533,240	639,888	671,882
Interdepartmental Charges	84,595	56,380	36,977	36,977	36,977	36,977	36,977	36,977	36,977
Trf to PID Fund	37,500	37,500	37,500	37,500	38,250	38,250	38,250	38,250	38,250
Insurance-Health/Life/Dental	0	0	0	0	0	0	0	0	0
Compensation Adjustment	0	0	0	0	2,249,879	2,304,096	2,361,699	2,420,741	0
<b>Total Other Requirements</b>	<b>7,468,138</b>	<b>7,778,819</b>	<b>8,533,754</b>	<b>8,533,754</b>	<b>11,593,280</b>	<b>12,522,366</b>	<b>13,444,736</b>	<b>14,343,646</b>	<b>12,627,366</b>
<b>TOTAL REQUIREMENTS</b>	<b>100,491,992</b>	<b>103,648,797</b>	<b>110,811,114</b>	<b>110,643,954</b>	<b>114,277,487</b>	<b>120,305,015</b>	<b>123,879,278</b>	<b>127,140,886</b>	<b>127,844,210</b>
<b>DEBT SERVICE REQUIREMENTS</b>									
Trf to Util D/S Separate Lien	67,090,288	50,510,008	63,205,833	61,150,486	63,205,833	75,926,643	75,684,194	81,160,508	80,950,638
Tfr to Utility D/S Prior Lien	20,720,390	29,443,159	14,856,384	14,894,072	14,856,384	0	0	0	0
Tfr to Utility D/S Sub Lien	3,894,997	4,002,994	4,081,700	4,092,898	4,081,700	1,963,089	2,744,542	2,609,846	2,570,441
Trf to GO Debt Service	1,976,736	1,541,416	1,132,432	1,132,430	1,132,432	690,757	456,873	253,099	176,914
Tfr to Util D/S Tax/Rev Bonds	406,655	655,136	568,590	568,590	568,590	421,899	418,092	419,911	418,857
Commercial Paper interest	157,065	108,870	226,305	1,050,617	226,305	892,451	2,054,984	2,118,811	968,255
<b>Total Debt Service Requirements</b>	<b>94,246,132</b>	<b>86,261,582</b>	<b>84,071,244</b>	<b>82,889,092</b>	<b>84,071,244</b>	<b>79,894,839</b>	<b>81,358,685</b>	<b>86,562,176</b>	<b>85,085,105</b>
<b>TRANSFERS OUT</b>									
General Fund	20,192,004	21,271,435	22,050,724	22,050,724	22,390,411	22,375,939	22,498,394	23,153,974	23,722,423
CIP Fund	29,200,000	42,000,000	41,000,000	41,000,000	41,000,000	41,000,000	42,000,000	43,000,000	41,000,000
CRF to Debt Defeasance	4,571,429	10,000,000	9,400,000	9,400,000	9,400,000	9,684,000	9,829,000	9,976,000	10,126,000
Operating Transfer to Debt Defeasance	0	23,174,545	0	0	0	2,000,000	0	2,000,000	0
Administrative Support	5,107,753	5,079,783	5,922,484	5,922,484	6,218,608	6,529,538	6,856,015	7,198,816	7,558,757
CTM Support	2,053,685	1,994,262	2,394,314	2,394,314	2,633,745	2,897,120	3,186,832	3,505,515	3,680,791
Reclaimed Water Fund	1,700,000	850,000	0	0	0	0	0	0	0
Economic Development	1,367,796	1,509,967	1,762,508	1,762,508	1,815,383	1,869,844	1,925,939	1,983,717	2,043,229
Capital Projects Mgmt Fund	602,536	1,150,750	1,589,132	1,589,132	1,589,132	1,589,132	1,589,132	1,589,132	1,620,915
Workers' Compensation	606,618	627,283	567,944	567,944	629,988	692,987	762,286	838,515	922,367
Regional Radio System	126,802	146,609	227,160	227,160	238,518	250,444	262,966	276,114	289,920
CTECC Support	5,311	5,887	6,295	6,295	6,610	6,941	7,288	7,653	8,036
Liability Reserve	0	0	0	0	0	0	0	0	0
<b>Total Transfers Out</b>	<b>65,533,934</b>	<b>107,810,520</b>	<b>84,920,561</b>	<b>84,920,561</b>	<b>85,922,395</b>	<b>88,895,945</b>	<b>88,917,852</b>	<b>93,529,436</b>	<b>90,972,438</b>
<b>TOTAL REQUIREMENTS</b>	<b>260,272,057</b>	<b>297,720,900</b>	<b>279,802,919</b>	<b>278,453,607</b>	<b>284,271,125</b>	<b>289,095,799</b>	<b>294,155,816</b>	<b>307,232,498</b>	<b>303,901,753</b>
Funds over/ Under Total Requirements	25,497,491	(12,686,938)	3,700,194	1,270,705	4,960,841	5,596,052	10,146,640	3,676,731	19,387,540
Adjustment to GAAP	1,180,595	0	0	0	0	0	0	0	0
Ending Balance	101,699,295	89,012,357	85,501,862	90,283,061	95,243,901	100,839,953	110,986,592	114,663,322	134,050,860



## Reclaimed Fund Summary

5 Year Financial Forecast	2016-17 Actual	2017-18 Actual	2018-19 Amended	2018-19 Estimated	2019-20 Forecast	2020-21 Forecast	2021-22 Forecast	2022-23 Forecast	2023-24 Forecast
	382,355	977,306	842,421	1,129,645	1,044,353	1,065,547	1,203,916	1,371,256	1,019,196
<b>Revenue</b>									
Reclaimed Water Revenue	1,510,152	1,935,117	1,881,845	1,865,789	2,053,376	2,269,712	2,484,051	2,698,996	2,938,521
Interest	34,369	48,895	16,032	16,032	11,357	11,675	13,750	16,261	10,980
<b>Total Revenue</b>	1,544,520	1,984,012	1,897,877	1,881,821	2,064,733	2,281,387	2,497,801	2,715,257	2,949,501
<b>Transfers In</b>									
Austin Water Utility	3,400,000	7,400,000	4,000,000	4,000,000	5,500,000	5,750,000	6,000,000	6,250,000	6,500,000
CIP	0	0	0	1,000,000	0	1,000,000	0	1,000,000	0
<b>Total Transfers In</b>	3,400,000	7,400,000	4,000,000	5,000,000	5,500,000	6,750,000	6,000,000	7,250,000	6,500,000
<b>TOTAL AVAILABLE FUNDS</b>	<b>4,944,520</b>	<b>9,384,012</b>	<b>5,897,877</b>	<b>6,881,821</b>	<b>7,564,733</b>	<b>9,031,387</b>	<b>8,497,801</b>	<b>9,965,257</b>	<b>9,449,501</b>
<b>Program Requirements</b>									
Reclaimed Water Services	328,429	529,554	571,388	571,388	576,410	601,322	611,612	624,169	637,024
Other Utility Program Requirements	31,669	16,070	30,600	30,600	30,906	31,524	32,154	32,797	33,453
<b>Total Program Requirements</b>	360,098	545,625	601,988	601,988	607,316	632,846	643,766	656,966	670,477
<b>OTHER REQUIREMENTS</b>									
Accrued Payroll	8,208	1,446	9,928	9,928	9,928	11,914	14,297	17,156	18,014
Insurance-Health/Life/Dental	0	0	0	0	0	0	0	0	0
Compensation Adjustment	0	0	0	0	13,217	11,518	11,806	12,101	0
<b>Total Other Requirements</b>	8,208	1,446	9,928	9,928	23,145	23,432	26,103	29,257	18,014
<b>TOTAL REQUIREMENTS</b>	<b>368,306</b>	<b>547,071</b>	<b>611,916</b>	<b>611,916</b>	<b>630,461</b>	<b>656,278</b>	<b>669,869</b>	<b>686,223</b>	<b>688,491</b>
<b>DEBT SERVICE REQUIREMENTS</b>									
Trf to Util D/S Separate Lien	2,600,825	3,315,211	3,660,219	3,611,734	5,379,496	5,700,686	5,908,694	6,855,556	6,811,965
Commercial Paper interest	156,420	174	29,445	146,150	172,001	159,521	359,688	366,891	125,848
<b>Total Debt Service Requirements</b>	2,757,246	3,315,386	3,689,664	3,757,884	5,551,497	5,860,207	6,268,382	7,222,447	6,937,813
<b>TRANSFERS OUT</b>									
General Fund	96,883	104,299	130,408	130,408	130,408	130,408	130,408	130,408	130,408
CIP Fund	1,000,000	1,000,000	1,000,000	1,000,000	750,000	750,000	750,000	750,000	1,000,000
Administrative Support	113,506	115,450	246,318	246,318	258,634	271,566	285,144	299,401	314,371
CTM Support	2,789	2,828	2,036	2,036	2,240	2,464	2,710	2,981	3,130
Capital Projects Mgmt Fund	37,076	133,707	160,362	160,362	160,362	160,362	160,362	160,362	163,569
Economic Development	11,716	12,933	58,189	58,189	59,935	61,733	63,585	65,493	67,458
Operating Transfer to Debt Defeasance	0	4,000,000	0	1,000,000	0	1,000,000	0	1,000,000	0
<b>Total Transfers Out</b>	1,261,970	5,369,217	1,597,313	2,597,313	1,361,579	2,376,533	1,392,209	2,408,645	1,678,936
<b>TOTAL REQUIREMENTS</b>	<b>4,387,522</b>	<b>9,231,673</b>	<b>5,898,893</b>	<b>6,967,113</b>	<b>7,543,537</b>	<b>8,893,018</b>	<b>8,330,460</b>	<b>10,317,315</b>	<b>9,305,240</b>
Funds over/ Under Total Requirements	556,998	152,339	(1,016)	(85,292)	21,196	138,369	167,341	(352,059)	144,260
Adjustment to GAAP	37,953	0	0	0	0	0	0	0	0
Ending Balance	977,306	1,129,645	841,405	1,044,353	1,065,547	1,203,916	1,371,256	1,019,196	1,163,456

**FY2020 Forecast vs FY2020 Proposed (as of 5-15-2019)**

**\*\* DRAFT \*\***

**Draft Requirement Changes**

Program Requirements	\$	218,004,204
Other Requirements		26,946,204
Debt Services		185,489,000
Transfers Out		188,327,500
<b>Total FY2020 Forecast</b>	<b>\$</b>	<b>618,766,908</b>

**Major Program Requirements Changes**

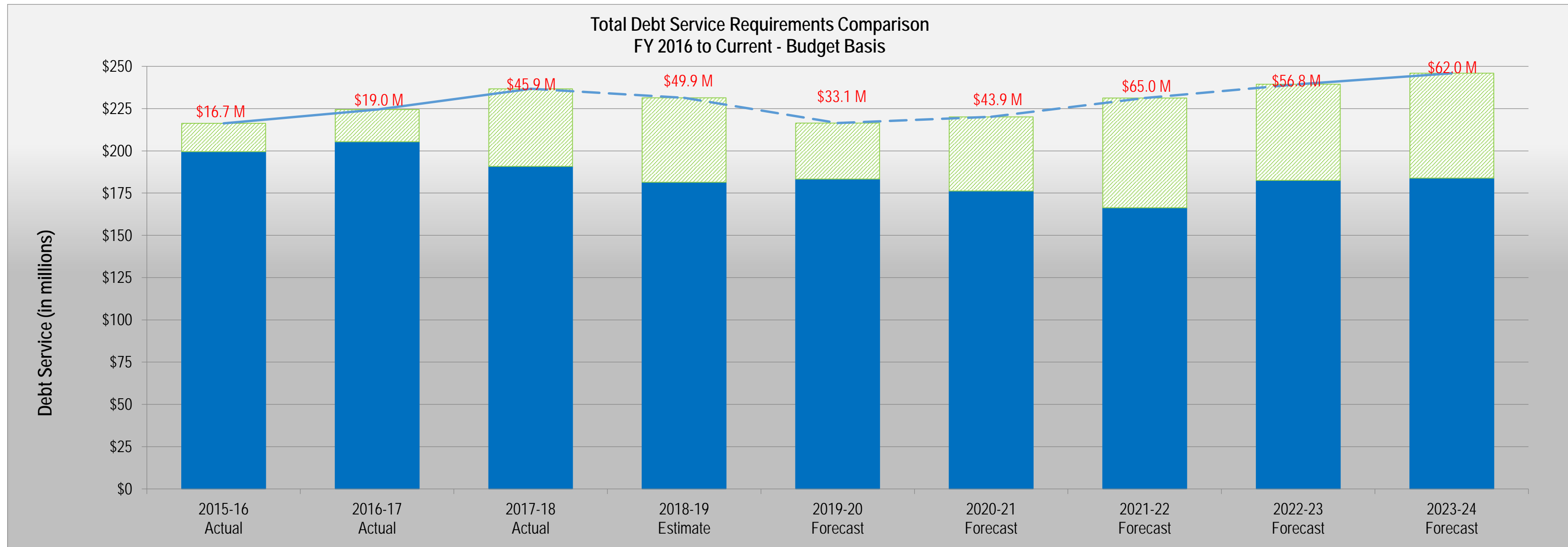
Chemicals	\$2,700,000
Services-other	1,300,000
Fleet-equip.preventative maint	1,200,000
Parts for equipment	900,000
Reimbursement of CIP charge	500,000
Consultant-others	500,000
Legal claims/damages	(800,000)
Services-Bio Solid Reuse	(1,000,000)
Electric services	(1,100,000)
Personnel savings	(1,500,000)
	<b>\$2,700,000</b>

**Other Changes**

Utility Billing System Support	(3,000,000)
CTM Support	(1,300,000)
Administrative Support	(700,000)
Transfer to CIP Management Progran	(600,000)
General Fund Transfer	(300,000)
	<b>(5,900,000)</b>

# Austin Water Debt Management Plan Summary

	SOURCES			FISCAL YEAR IMPACTS										Defeasance Savings	PV Savings
	OPERATING FUND	IMPACT FEES	DEBT SERVICE FUNDS	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2025-39		
<b>COMBINED UTILITY:</b>															
<b>Defeasances:</b>															
May 2016	\$ -	\$ 18,200,000	\$ -	\$ 309,106	\$ 618,213	\$ 618,213	\$ 4,318,213	\$ 618,213	\$ 618,213	\$ 5,618,213	\$ 4,373,213	\$ 2,674,213	\$ 1,650,850	\$ 21,416,656	19,650,503
March 2017	\$ -	\$ 22,000,000	\$ -			\$ 927,575	\$ 11,527,575	\$ 9,466,575					\$ -	\$ 21,921,725	21,921,725
May 2018	\$ 34,000,000	\$ 30,000,000	\$ -	\$ -	\$ -	\$ 26,610,016	\$ 18,143,913	\$ 12,379,556	\$ 4,351,138	\$ 4,036,756	\$ 1,975,124	\$ -	\$ -	67,496,503	67,496,503
May 2019	11,000,000	\$ 34,200,000	\$ -	-	-	-	5,636,213	15,984,006	12,101,275	8,485,838	2,340,775	2,543,188	\$ 1,339,531	48,430,825	48,430,825
<b>Total Impacts</b>	<b>\$ 45,000,000</b>	<b>\$ 104,400,000</b>	<b>\$ -</b>	<b>\$309,106</b>	<b>\$618,213</b>	<b>\$28,155,803</b>	<b>\$39,625,913</b>	<b>\$38,448,350</b>	<b>\$17,070,625</b>	<b>\$18,140,806</b>	<b>\$8,689,112</b>	<b>\$5,217,400</b>	<b>\$ 2,990,381</b>	<b>\$ 159,265,709</b>	<b>\$157,499,555</b>
<b>Refundings:</b>															
		<b>PAR REFUNDED BONDS</b>	<b>PAR REFUNDING BONDS</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>FY 2022-23</b>	<b>FY 2023-24</b>	<b>FY 2025-39</b>	<b>Refunding Savings</b>	<b>PV Refunding Savings</b>
Series 2015	\$ -	\$ 310,270,000	\$ 289,145,000	\$ 11,095,024	\$ 14,683,661	\$ 20,328,033	\$ 19,822,058	\$ 7,446,937	\$ (3,716,933)	\$ (3,718,020)	\$ (3,719,789)	\$ (3,716,931)	\$ (46,490,426)	\$ 12,013,616	\$ 25,451,045
Series 2016	\$ -	\$ 110,960,000	\$ 92,885,000	\$ (203,615)	\$ 448,924	\$ 242,513	\$ 242,513	\$ 242,513	\$ 242,513	\$ 242,513	\$ 242,513	\$ 242,513	\$ 21,608,856	\$ 23,551,752	\$ 16,822,415
Series 2017	\$ -	\$ 228,800,000	\$ 205,820,000	\$ -	\$ -	\$ 579,763	\$ 1,136,638	\$ 1,136,638	\$ 2,545,513	\$ 2,543,225	\$ 2,040,788	\$ 2,170,956	\$ 23,308,300	\$ 36,830,194	\$ 29,045,226
<b>Total Impacts</b>	<b>\$ -</b>	<b>\$ 650,030,000</b>	<b>\$ 587,850,000</b>	<b>\$ 10,891,409</b>	<b>\$ 15,132,585</b>	<b>\$ 21,150,309</b>	<b>\$ 21,201,208</b>	<b>\$ 8,826,087</b>	<b>\$ (928,908)</b>	<b>\$ (932,283)</b>	<b>\$ (1,436,489)</b>	<b>\$ (1,303,463)</b>	<b>\$ (1,573,269)</b>	<b>\$ 72,395,562</b>	<b>\$ 71,318,686</b>
<b>Total Plan Impacts</b>	<b>\$ 45,000,000</b>	<b>\$ 754,430,000</b>	<b>\$ 587,850,000</b>	<b>\$ 11,200,516</b>	<b>\$ 15,750,797</b>	<b>\$ 49,306,112</b>	<b>\$ 60,827,121</b>	<b>\$ 47,274,437</b>	<b>\$ 16,141,718</b>	<b>\$ 17,208,524</b>	<b>\$ 7,252,623</b>	<b>\$ 3,913,938</b>	<b>\$ 1,417,112</b>	<b>\$ 231,661,271</b>	<b>\$ 228,818,241</b>



	5-Year Plan FY 2020-2024					
AW Utility by Infrastructure Type	2020	2021	2022	2023	2024	Total
Reclaimed Water Network	5,468,835	9,428,600	10,738,500	9,595,000	6,070,000	41,300,935
<b>Reclaimed Water Total</b>	<b>5,468,835</b>	<b>9,428,600</b>	<b>10,738,500</b>	<b>9,595,000</b>	<b>6,070,000</b>	<b>41,300,935</b>
Buildings and Improvements	2,267,371	483,400	1,160,000	1,844,500	2,255,500	8,010,771
Information Technology	2,322,500	1,660,000	1,685,000	1,702,500	1,572,500	8,942,500
Other	1,025,000	505,000	475,000	375,000	245,000	2,625,000
Planning/Studies	-	-	-	-	-	-
Pump Stations	3,572,064	4,696,687	6,317,933	5,893,259	6,094,536	26,574,479
Reservoirs	7,715,990	6,631,212	8,352,221	6,778,358	18,490,814	47,968,595
Vehicles and Equipment	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Water Pipe Network	27,137,768	50,932,620	45,334,871	41,690,378	48,709,010	213,804,647
Water Treatment Plants	39,847,841	21,486,859	11,570,986	12,846,705	14,420,991	100,173,382
<b>Water Total</b>	<b>85,388,534</b>	<b>87,895,778</b>	<b>76,396,011</b>	<b>72,630,700</b>	<b>93,288,351</b>	<b>415,599,374</b>
Buildings and Improvements	2,043,371	429,500	1,135,000	1,794,500	2,205,500	7,607,871
Information Technology	2,097,500	1,480,000	1,535,000	1,442,500	1,092,500	7,647,500
Lift Stations	3,488,800	3,823,500	3,198,500	4,013,500	4,431,878	18,956,178
Planning/Studies	-	-	-	-	-	-
Vehicles and Equipment	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Wastewater Pipe Network	26,561,142	38,915,420	37,524,361	25,448,005	26,009,510	154,458,438
Wastewater Treatment Plants	48,841,920	73,806,611	74,261,203	66,972,381	58,287,388	322,169,503
<b>Wastewater Total</b>	<b>84,532,733</b>	<b>119,955,031</b>	<b>119,154,064</b>	<b>101,170,886</b>	<b>93,526,776</b>	<b>518,339,490</b>
<b>Grand Total</b>	<b>175,390,102</b>	<b>217,279,409</b>	<b>206,288,575</b>	<b>183,396,586</b>	<b>192,885,127</b>	<b>975,239,799</b>

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Reclaimed Water	3990	2107	4127	Reclaimed Water Network	3333.037	South Austin Regional WWTP Sludge Transfer Line and Reclaimed Water Line	143,000	208,000	1,740,000	315,000	153,000	2,559,000
Reclaimed Water	3990	2107	4129	Reclaimed Water Network	5267.025	Onion Creek Reclaimed Water Main Phase 1	1,728,000	3,710,000	1,456,000	529,000	6,000	7,429,000
Reclaimed Water	3990	2107	4102	Reclaimed Water Network	5267.035	Montopolis Reclaimed Water Reservoir and Pump Station	-	-	-	184,893	90,000	274,893
Reclaimed Water	4010	2107	4130	Reclaimed Water Network	5267.035	Montopolis Reclaimed Water Reservoir and Pump Station	135,000	-	-	-	-	135,000
Reclaimed Water	4020	2107	4139	Reclaimed Water Network	5267.035	Montopolis Reclaimed Water Reservoir and Pump Station	850,000	248,100	50,000	15,107	-	1,163,207
Reclaimed Water	3990	2107	4104	Reclaimed Water Network	5267.036	Burleson Road Pressure Conversion Ph II	1,045,000	251,000	-	-	-	1,296,000
Reclaimed Water	3990	2107	4123	Reclaimed Water Network	5267.037	Cemetery Reclaimed Water Main	-	-	-	-	50,000	50,000
Reclaimed Water	3990	2107	4143	Reclaimed Water Network	5267.041	Oltorf Street Reclaimed Water Main Phase 1 (Alvin Devane Blvd to Parker Ln)	84,000	417,000	1,673,000	1,726,000	124,000	4,024,000
Reclaimed Water	3990	2107	4144	Reclaimed Water Network	5267.042	Oltorf Street Reclaimed Water Main Phase 2 (Parker Lane to Fairmount Ave)	96,000	663,000	2,041,000	2,277,000	176,000	5,253,000
Reclaimed Water	PLAN	2107	P183	Reclaimed Water Network	5267.044	Barton Springs Rd/S Congress Reclaimed Water Main	45,000	52,000	115,000	409,000	1,324,000	1,945,000
Reclaimed Water	3990	2107	4112	Reclaimed Water Network	5267.049	Decker Lane Reclaimed Water Main Phase 1A	743,000	2,210,000	1,597,000	296,000	-	4,846,000
Reclaimed Water	PLAN	2107	P190	Reclaimed Water Network	5267.054	William Cannon Reclaimed Water Transmission Main Phase 1	-	-	50,000	110,000	450,000	610,000
Reclaimed Water	PLAN	2107	P191	Reclaimed Water Network	5267.055	William Cannon Reclaimed Water Transmission Main Phase 2	-	-	-	50,000	110,000	160,000
Reclaimed Water	PLAN	2107	P192	Reclaimed Water Network	5267.056	William Cannon Reservoir	-	50,000	100,000	250,000	300,000	700,000
Reclaimed Water	PLAN	2107	P207	Reclaimed Water Network	5267.067	Brackenridge Hospital Redevelopment Reclaimed Main	25,000	75,000	200,000	500,000	200,000	1,000,000
Reclaimed Water	4010	2107	4135	Reclaimed Water Network	5267.068	Onion Creek District Park Reclaimed Main Phase 2	55,000	271,000	91,000	15,000	-	432,000
Reclaimed Water	3990	2107	4134	Reclaimed Water Network	5267.07	Burleson Road Pressure Conversion Phase 1	249,835	53,000	-	-	-	302,835
Reclaimed Water	PLAN	2107	P220	Reclaimed Water Network	5267.073	Decker Lane Reclaimed Water Main Phase 1B	45,000	45,000	330,000	440,000	1,070,000	1,930,000
Reclaimed Water	PLAN	2107	P224	Reclaimed Water Network	5267.075	Travis Heights Reclaimed Water Main	50,000	103,000	398,000	1,548,000	1,447,000	3,546,000
Reclaimed Water	4010	2107	4142	Reclaimed Water Network	5267.077	Reclaimed Water System Surge Analysis and Mitigation	100,000	250,000	50,000	-	-	400,000
Reclaimed Water	PLAN	2107	P230	Reclaimed Water Network	5267.081	Hornsby Bend BMP Reclaimed Water Meters	30,000	75,000	10,000	-	-	115,000
Reclaimed Water	PLAN	2107	P231	Reclaimed Water Network	5267.082	ABIA North Reclaimed Loop Main	40,000	70,000	240,000	400,000	70,000	820,000
Reclaimed Water	PLAN	2107	P240	Reclaimed Water Network	5267.091	Distributed Wastewater Reuse and Sewer Mining	-	500,000	500,000	500,000	500,000	2,000,000
Reclaimed Water	4010	2107	4119	Reclaimed Water Network	5848.078	Country Club West - Roy G. Guerrero Park Channel Stabilization	5,000	177,500	97,500	30,000	-	310,000
<b>Reclaimed Water Network Total</b>							<b>5,468,835</b>	<b>9,428,600</b>	<b>10,738,500</b>	<b>9,595,000</b>	<b>6,070,000</b>	<b>41,300,935</b>



**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P087	Buildings and Improvements	757.011	Tim Louviere Service Center Roof Renewal	-	-	-	-	75,000	75,000
Water	3920	2207	6655	Buildings and Improvements	757.028	Facilities Master Plan Study	-	-	-	-	-	-
Water	PLAN	2207	P211	Buildings and Improvements	757.029	Waller Creek Center-Department Operations Center and 10th Floor Renovation	-	-	-	25,000	100,000	125,000
Water	3920	2207	6509	Buildings and Improvements	757.037	Waller Creek Center - Curtain Wall	1,000,000	-	-	-	-	1,000,000
Water	3920	2207	7920	Buildings and Improvements	757.04	Waller Creek Center Crosswalk Roof Replacement	-	-	-	-	-	-
Water	PLAN	2207	P404	Buildings and Improvements	757.054	Waller Creek Center Carpet Replacement	60,000	-	60,000	-	60,000	180,000
Water	3920	2207	8050	Buildings and Improvements	757.057	Motheral Drive Site Improvements	224,000	53,900	-	-	-	277,900
Water	3920	2207	7083	Buildings and Improvements	757.058	Glen Bell Service Center Generator Replacement	-	-	37,500	-	-	37,500
Water	3920	2207	6185	Buildings and Improvements	757.059	South Service Center Roof Renewal	-	-	25,000	50,000	-	75,000
Water	PLAN	2207	P576	Buildings and Improvements	757.06	Waller Creek Center – 4th Floor Optimization and Modernization	-	-	-	-	50,000	50,000
Water	3920	2207	6510	Buildings and Improvements	757.061	Waller Creek Center HVAC Rehabilitation	493,371	-	-	-	-	493,371
Water	3920	2207	8051	Buildings and Improvements	757.062	Webberville Service Center Elevator Modernization	-	-	-	-	-	-
Water	3920	2207	8054	Buildings and Improvements	757.064	Waller Creek Center 6th Floor Renovation	-	-	-	-	-	-
Water	PLAN	2207	P642	Buildings and Improvements	757.065	Waller Creek Center Electrical Upgrades	-	-	-	60,000	-	60,000
Water	PLAN	2207	P643	Buildings and Improvements	757.066	Waller Creek Center Garage Stairs Inspection/Repairs	40,000	-	-	-	-	40,000
Water	PLAN	2207	P644	Buildings and Improvements	757.067	Webberville Service Center HVAC Unit Replacement	-	4,000	-	-	-	4,000
Water	PLAN	2207	P645	Buildings and Improvements	757.068	Webberville Ice Machine #1 Replacement	-	-	-	15,000	-	15,000
Water	PLAN	2207	P648	Buildings and Improvements	757.071	Tim Louviere Service Center Ice Machine Replacement	-	-	12,500	-	-	12,500
Water	PLAN	2207	P649	Buildings and Improvements	757.072	Glen Bell Service Center HVAC Units Replacement	150,000	-	-	-	-	150,000
Water	PLAN	2207	P651	Buildings and Improvements	757.074	Glen Bell Service Center Entrance Flooring	-	-	20,000	-	-	20,000
Water	PLAN	2207	P654	Buildings and Improvements	757.077	North Service Center Entry Door Replacement	-	25,000	-	-	-	25,000
Water	PLAN	2207	P655	Buildings and Improvements	757.078	South Service Center Building 600 Exterior Renewal	7,500	-	-	-	-	7,500
Water	PLAN	2207	P656	Buildings and Improvements	757.079	South Service Center Restroom Rehabilitation	-	25,000	-	-	-	25,000
Water	PLAN	2207	P657	Buildings and Improvements	757.08	North Service Center Building Envelope Inspection and Rehabilitation	-	10,000	-	-	-	10,000
Water	PLAN	2207	P660	Buildings and Improvements	757.081	Webberville Service Center Building Envelope Inspection and Rehabilitation	-	-	10,000	-	-	10,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P661	Buildings and Improvements	757.082	Glen Bell Service Center - Office Space Expansion	-	75,000	250,000	950,000	-	1,275,000
Water	PLAN	2207	P662	Buildings and Improvements	757.083	Glen Bell Service Center - Building Envelope Rehabilitation	-	-	-	-	-	-
Water	PLAN	2207	P663	Buildings and Improvements	757.084	South Service Center Building Envelope Inspection and Rehabilitation	10,000	-	-	-	-	10,000
Water	PLAN	2207	P664	Buildings and Improvements	757.085	Webberville Service Center Restroom Rehabilitation	-	-	-	25,000	-	25,000
Water	PLAN	2207	P665	Buildings and Improvements	757.086	Timothy Louviere Service Center Restroom Rehabilitation	-	5,000	-	-	-	5,000
Water	PLAN	2207	P666	Buildings and Improvements	757.087	South Service Center Utility Vehicle Parking Lot Rehabilitation	-	-	-	10,000	-	10,000
Water	PLAN	2207	P667	Buildings and Improvements	757.088	North Service Center Irrigation System Rehabilitation	-	-	-	-	5,000	5,000
Water	PLAN	2207	P669	Buildings and Improvements	757.09	Glen Bell Service Center Restroom Rehabilitation	-	-	-	25,000	-	25,000
Water	PLAN	2207	P670	Buildings and Improvements	757.091	Waller Creek Center Restroom Rehabilitation	40,000	-	-	-	-	40,000
Water	PLAN	2207	P672	Buildings and Improvements	757.093	North Service Center Parking Lot Rehabilitation	-	100,000	-	-	-	100,000
Water	PLAN	2207	P673	Buildings and Improvements	757.094	Webberville Service Center HVAC Controls Replacement	-	-	50,000	-	-	50,000
Water	PLAN	2207	P677	Buildings and Improvements	757.096	Glen Bell Service Center Irrigation System Rehabilitation	-	-	-	-	7,500	7,500
Water	PLAN	2207	P678	Buildings and Improvements	757.097	Glen Bell Service Center Parking Lot Rehabilitation	-	40,000	-	-	-	40,000
Water	PLAN	2207	P679	Buildings and Improvements	757.098	South Service Center Building 100 and 600 Drainage Rehabilitation	20,000	-	-	-	-	20,000
Water	PLAN	2207	P680	Buildings and Improvements	757.099	Waller Creek Center Patch/Seal Driveway Surface	-	8,000	-	-	-	8,000
Water	PLAN	2207	P681	Buildings and Improvements	757.1	Waller Creek Center Elevator Modernization	-	-	250,000	250,000	-	500,000
Water	PLAN	2207	P682	Buildings and Improvements	757.101	Glen Bell Service Center Flooring Replacement and Improvements	-	-	-	110,000	-	110,000
Water	PLAN	2207	P685	Buildings and Improvements	757.103	North Service Center Install Generator and Automatic Transfer Switch	-	-	125,000	-	-	125,000
Water	PLAN	2207	P686	Buildings and Improvements	757.104	Webberville Service Center Ice Machine Replacement	15,000	-	-	-	-	15,000
Water	PLAN	2207	P688	Buildings and Improvements	757.106	Glen Bell Service Center Fencing Improvements	-	-	-	12,000	-	12,000
Water	PLAN	2207	P689	Buildings and Improvements	757.107	Glen Bell Service Center Lighting Replacement	-	-	-	150,000	-	150,000
Water	PLAN	2207	P692	Buildings and Improvements	757.109	North Service Center Outdoor Lighting Rehabilitation	-	-	27,500	-	-	27,500
Water	PLAN	2207	P693	Buildings and Improvements	757.11	Webberville Service Center Building Plumbing Rehabilitation	-	-	-	-	75,000	75,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P694	Buildings and Improvements	757.111	Tim Louviere Service Center Bldg. Envelope and Roof/Gutter Rehabilitation	-	-	-	-	60,000	60,000
Water	PLAN	2207	P695	Buildings and Improvements	757.112	Waller Creek Center Won Door Replacement	-	-	-	-	150,000	150,000
Water	PLAN	2207	P696	Buildings and Improvements	757.113	Tim Louviere Service Center Facility Re-Key	-	-	15,000	-	-	15,000
Water	PLAN	2207	P699	Buildings and Improvements	757.116	Webberville Service Center Generator and Transfer Switch	-	-	-	90,000	500,000	590,000
Water	PLAN	2207	P700	Buildings and Improvements	757.117	North Service Center Restroom and Shower Rehabilitation	-	5,000	-	-	-	5,000
Water	PLAN	2207	P721	Buildings and Improvements	757.12	South First Center Liebert Mini Splits Renewal	22,500	-	-	-	-	22,500
Water	PLAN	2207	P730	Buildings and Improvements	757.122	South Service Center Additional Parking Area	-	-	-	37,500	-	37,500
Water	PLAN	2207	P731	Buildings and Improvements	757.123	South Service Center Staircase Addition	-	-	-	30,000	-	30,000
Water	PLAN	2207	P737	Buildings and Improvements	757.125	South Service Center Covered Parking Bays	-	-	62,500	-	-	62,500
Water	3920	2207	8102	Buildings and Improvements	757.126	Waller Creek Center Parking Garage Stairwell Inspection	60,000	-	-	-	-	60,000
Water	PLAN	2207	P736	Buildings and Improvements	757.127	South Service Center Building 800 Enclosure	-	-	45,000	-	-	45,000
Water	PLAN	2207	P754	Buildings and Improvements	757.128	South Service Center Fire Alarm Replacement	-	-	45,000	-	-	45,000
Water	PLAN	2207	P756	Buildings and Improvements	757.13	South Service Center Window Replacement	-	-	75,000	-	-	75,000
Water	PLAN	2207	P758	Buildings and Improvements	757.132	South Service Center Signage Rehabilitation	-	7,500	-	-	-	7,500
Water	PLAN	2207	P759	Buildings and Improvements	757.133	South Service Center Parking Area Rehabilitation	-	-	-	5,000	-	5,000
Water	PLAN	2207	P761	Buildings and Improvements	757.135	South Service Center Exterior Painting	-	-	50,000	-	-	50,000
Water	PLAN	2207	P600	Buildings and Improvements	3257.002	Austin Water Building Facilities Improvements Future Program	-	-	-	-	1,073,000	1,073,000
Water	3960	2207	7931	Buildings and Improvements	3257.003	Austin Water Laboratory Facility	-	-	-	-	100,000	100,000
Water	PLAN	2207	P799	Buildings and Improvements	3257.004	Systems Operations Center Planning Study	125,000	125,000	-	-	-	250,000
<b>Buildings and Improvements Total</b>							<b>2,267,371</b>	<b>483,400</b>	<b>1,160,000</b>	<b>1,844,500</b>	<b>2,255,500</b>	<b>8,010,771</b>
Water	PLAN	2207	P062	Information Technology	2056.012	Austin Water Telecommunications System Upgrade Study	50,000	100,000	-	-	-	150,000
Water	PLAN	2207	P566	Information Technology	2056.015	Supervisory Control and Data Acquisition Admin Back-up Control Center	-	50,000	50,000	50,000	300,000	450,000
Water	PLAN	2207	P767	Information Technology	2056.016	SCADA Systems Applications and Networking Technology Improvements	100,000	100,000	100,000	100,000	150,000	550,000
Water	3920	2207	7993	Information Technology	3159.003	Laboratory Information Management System	25,000	25,000	100,000	25,000	25,000	200,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3920	2207	7066	Information Technology	3159.01	Pipeline Computerized Maintenance Management System Upgrade	125,000	112,500	225,000	112,500	112,500	687,500
Water	3920	2207	7086	Information Technology	3159.011	Facility Computerized Maintenance Management System Upgrade	37,500	37,500	37,500	37,500	37,500	187,500
Water	3920	2207	7065	Information Technology	3159.012	Geographic Information Systems Technology Improvements	-	-	-	-	-	-
Water	3920	2207	7067	Information Technology	3159.013	Data Analytics Software Implementation	100,000	50,000	50,000	45,000	37,500	282,500
Water	3920	2207	7072	Information Technology	3159.016	Computing Hardware Replacement	-	-	-	-	-	-
Water	3920	2207	7069	Information Technology	3159.017	Network and Wireless Hardware Replacement	-	-	-	-	-	-
Water	3920	2207	7087	Information Technology	3159.021	Mobile Workforce Technology	112,500	112,500	112,500	112,500	112,500	562,500
Water	3920	2207	8014	Information Technology	3159.025	Collaboration Software Implementation	75,000	75,000	75,000	75,000	75,000	375,000
Water	3920	2207	8022	Information Technology	3159.026	Permitting Software Upgrade (AMANDA)	30,000	15,000	15,000	15,000	15,000	90,000
Water	3920	2207	8020	Information Technology	3159.027	Environmental Compliance Software Upgrade	20,000	10,000	10,000	10,000	-	50,000
Water	PLAN	2207	P541	Information Technology	3159.028	Server and Enterprise Storage Replacement (FY20-FY24)	400,000	50,000	25,000	25,000	25,000	525,000
Water	PLAN	2207	P542	Information Technology	3159.029	Wireless Network Installations	162,500	-	-	-	-	162,500
Water	PLAN	2207	P543	Information Technology	3159.03	Wireless Network Replacements (FY21-FY25)	-	75,000	75,000	75,000	75,000	300,000
Water	PLAN	2207	P544	Information Technology	3159.031	PC Refresh (FY19-24)	325,000	325,000	325,000	325,000	325,000	1,625,000
Water	PLAN	2207	P545	Information Technology	3159.032	Core Network and Data Center Replacement (FY19-FY25)	150,000	200,000	200,000	200,000	200,000	950,000
Water	PLAN	2207	P546	Information Technology	3159.033	Disaster Recovery and Data Archive Replacements (FY19-FY22)	12,500	50,000	50,000	-	-	112,500
Water	3920	2207	8125	Information Technology	3159.034	Geographic Information System Data Model	200,000	-	-	-	-	200,000
Water	PLAN	2207	P548	Information Technology	3159.035	Geographic Information System Equipment (FY19-FY23)	50,000	50,000	50,000	50,000	-	200,000
Water	PLAN	2207	P549	Information Technology	3159.036	Geographic Information System Upgrade (FY19-FY23)	60,000	165,000	160,000	160,000	-	545,000
Water	PLAN	2207	P551	Information Technology	3159.037	Disaster Recovery and Data Archive Replacements (FY23-FY27)	-	-	-	175,000	12,500	187,500
Water	3920	2207	8030	Information Technology	3159.038	Pipeline Inspection System Upgrade	12,500	12,500	-	-	-	25,000
Water	3920	2207	7198	Information Technology	6621.012	Pump Stations/Reservoirs and South Service Center Security System Upgrade	-	-	-	-	-	-
Water	3920	2207	6624	Information Technology	6621.021	Glen Bell Service Center Stores Security Upgrade	-	-	-	-	-	-
Water	PLAN	2207	P399	Information Technology	6621.023	Glen Bell Service Center Security Conversion	150,000	-	-	-	-	150,000
Water	PLAN	2207	P402	Information Technology	6621.026	Security Operations Center (SOC) Expansion at Waller Creek Center	-	-	-	-	40,000	40,000
Water	PLAN	2207	P405	Information Technology	6621.027	Waller Creek Center Security System Conversion	-	-	-	-	-	-

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3920	2207	6681	Information Technology	6621.029	North Service Center & Annex Security System Upgrade	-	-	-	-	-	-
Water	PLAN	2207	P408	Information Technology	6621.03	Tim Louviere Service Center Security System Upgrade	-	15,000	-	-	-	15,000
Water	PLAN	2207	P413	Information Technology	6621.035	Summit Water Quality Lab Security Access Upgrade	25,000	-	-	-	-	25,000
Water	PLAN	2207	P414	Information Technology	6621.036	Webberville Service Center Security System Upgrade	-	-	25,000	-	-	25,000
Water	PLAN	2207	P555	Information Technology	6621.039	Govalle Security System Technology Refresh	-	-	-	10,000	-	10,000
Water	PLAN	2207	P556	Information Technology	6621.04	North Service Center Security System Technology Update	-	-	-	-	30,000	30,000
Water	PLAN	2207	P557	Information Technology	6621.041	Security Operations Center Technology Update	-	-	-	100,000	-	100,000
Water	PLAN	2207	P558	Information Technology	6621.044	South Service Center Security System Technology Refresh	-	30,000	-	-	-	30,000
Water	PLAN	2207	P415	Information Technology	12480.001	Longhorn Dam Security Monitoring and Access Control	100,000	-	-	-	-	100,000
<b>Information Technology Total</b>							<b>2,322,500</b>	<b>1,660,000</b>	<b>1,685,000</b>	<b>1,702,500</b>	<b>1,572,500</b>	<b>8,942,500</b>
Water	3920	2207	7085	Other	4953.02	Rutherford Ranch Road Renewal	400,000	-	-	-	-	400,000
Water	3920	2207	6656	Other	4953.028	Tabor Dam Repair	-	-	-	-	10,000	10,000
Water	3920	2207	8100	Other	4953.029	Barn Bathroom Installation	5,000	55,000	75,000	115,000	-	250,000
Water	PLAN	2207	P591	Other	4953.03	Spillar Tract Net Wire Fencing	120,000	-	-	-	-	120,000
Water	PLAN	2207	P592	Other	4953.031	Onion Tract High Game Fencing	100,000	-	-	-	-	100,000
Water	PLAN	2207	P593	Other	4953.032	Ed's Crossing High Game Fence	-	-	-	-	-	-
Water	PLAN	2207	P594	Other	4953.033	Water Quality Protection Lands Wildflower Net Wire Fence	120,000	-	-	-	-	120,000
Water	PLAN	2207	P595	Other	4953.034	Water Quality Protection Lands Hudson Tract Water Gap Fencing	80,000	-	-	-	-	80,000
Water	PLAN	2207	P596	Other	4953.035	Water Quality Protection Lands Little Bear Tract/Reunion High Game Fence	-	-	-	-	-	-
Water	PLAN	2207	P598	Other	4953.037	Reicher Ranch Fire Safety Improvements	-	-	-	-	-	-
Water	PLAN	2207	P739	Other	4953.04	High Game Fencing at Tabor North, Along SH45	100,000	-	-	-	-	100,000
Water	PLAN	2207	P740	Other	4953.041	Onion Tract Wire Fencing Along FM150	-	90,000	-	-	-	90,000
Water	PLAN	2207	P741	Other	4953.042	Rutherford Boundary High Game Fencing	-	-	400,000	-	-	400,000
Water	PLAN	2207	P742	Other	4953.043	Water Quality Protection Lands Tract J17 Road Rehabilitation	100,000	-	-	-	-	100,000
Water	PLAN	2207	P743	Other	4953.044	Wenzel High Game Fencing, North and East Boundaries	-	-	-	260,000	-	260,000
Water	PLAN	2207	P744	Other	4953.045	Baker Tract Net Wire Fencing	-	160,000	-	-	-	160,000
Water	PLAN	2207	P745	Other	4953.046	Net Wire Fencing Hafif Tract Along FM1826 Boundary	-	70,000	-	-	-	70,000
Water	PLAN	2207	P746	Other	4953.047	Hielsher Net Wire Fencing From Pipeline to McKown Rd NE Boundary	-	50,000	-	-	-	50,000
Water	PLAN	2207	P747	Other	4953.048	Rutherford House Roof Replacement	-	80,000	-	-	-	80,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P748	Other	4953.049	Net Wire Fencing Along South Boundary of LIBE Tract	-	-	-	-	185,000	185,000
Water	PLAN	2207	P749	Other	4953.05	Onion Tract Net Wire Fencing FM967	-	-	-	-	50,000	50,000
<b>Other Total</b>							<b>1,025,000</b>	<b>505,000</b>	<b>475,000</b>	<b>375,000</b>	<b>245,000</b>	<b>2,625,000</b>
Water	3920	2207	6506	Planning/Studies	6659.002	Cost of Service Rate Study	-	-	-	-	-	-
<b>Planning/Studies Total</b>							<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Water	3960	2207	6425	Pump Stations	2006.019	Pressure Point Improvements Phase 1	170,731	193,028	81,479	-	-	445,238
Water	3960	2207	6426	Pump Stations	2006.02	Lookout Lane Pump Station Improvements	-	-	-	-	-	-
Water	3920	2207	6602	Pump Stations	2006.023	Guildford Cove Pump Station Improvements	250,000	-	-	-	-	250,000
Water	3920	2207	6584	Pump Stations	2006.024	Glenlake Pump Station Improvements	139,443	-	-	-	-	139,443
Water	3920	2207	6610	Pump Stations	2006.028	South Service Center Uninterruptible Power Supply Replacement	-	-	-	-	-	-
Water	PLAN	2207	P797	Pump Stations	2006.032	Davis Lane Pump Station Resiliency Improvements	-	-	50,000	1,000,000	2,000,000	3,050,000
Water	3960	2207	6604	Pump Stations	2006.035	Davis Lane Pump Station Restoration of Dual Feed (Austin Energy)	-	-	-	-	-	-
Water	PLAN	2207	P359	Pump Stations	2006.037	Jollyville Pump Station Hydraulic and Site Improvements	-	-	-	250,000	500,000	750,000
Water	PLAN	2207	P360	Pump Stations	2006.038	East Austin Pump Station Instrumentation and Control Improvements	-	-	-	400,000	800,000	1,200,000
Water	PLAN	2207	P705	Pump Stations	2006.045	Forest Ridge Pump Station HVAC	30,000	-	-	-	-	30,000
Water	PLAN	2207	P708	Pump Stations	2006.048	Howard Lane Pump Station HVAC	250,000	-	-	-	-	250,000
Water	PLAN	2207	P785	Pump Stations	2006.05	Water Pump Stations FY2020 Minor Renewal Project	100,000	-	-	-	-	100,000
Water	PLAN	2207	P715	Pump Stations	2006.055	Center Street Pump Station HVAC	15,000	-	-	-	-	15,000
Water	PLAN	2207	P717	Pump Stations	2006.057	Leuthan Lane Pump Station HVAC	80,000	-	-	-	-	80,000
Water	PLAN	2207	P218	Pump Stations	2006.059	Center Street Pump Station Replacement and Electrical Improvements	-	-	-	-	815,832	815,832
Water	3920	2207	6670	Pump Stations	2056.004	Water Distribution SCADA Energy & Water Quality Management Phase I	337,335	337,335	370,000	520,000	320,000	1,884,670
Water	PLAN	2207	P044	Pump Stations	2056.005	Water Distribution SCADA Energy & Water Quality Management Phase II	-	-	-	-	60,000	60,000
Water	3920	2207	7207	Pump Stations	2056.006	Water Distribution and Lift Station SCADA Improvements Phase I	663,000	371,000	-	-	-	1,034,000
Water	3920	2207	6596	Pump Stations	2056.007	Water Distribution Lift Station SCADA Improvements Phase II	200,000	400,000	25,000	300,000	400,000	1,325,000
Water	3920	2207	6621	Pump Stations	2056.01	Supervisory Control and Data Acquisition Improvements Contract FY17-21	55,000	15,000	-	-	-	70,000
Water	PLAN	2207	P516	Pump Stations	2056.014	Supervisory Control and Data Acquisition Improvements Contract FY21-26	-	50,000	50,000	50,000	50,000	200,000
Water	PLAN	2207	P771	Pump Stations	2056.019	Water Distribution Facilities Obsolete SCADA Equipment Replacement	-	300,000	400,000	500,000	500,000	1,700,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3960	2207	6823	Pump Stations	2127.012	North Austin Reservoir and Pump Station Improvements	281,555	530,324	691,454	423,259	148,704	2,075,296
Water	PLAN	2207	P764	Pump Stations	2127.012	North Austin Reservoir and Pump Station Improvements	1,000,000	2,500,000	4,500,000	2,300,000	500,000	10,800,000
Water	PLAN	2207	P410	Pump Stations	6621.033	Pump Station Security Access System Upgrade	-	-	150,000	150,000	-	300,000
<b>Pump Stations Total</b>							<b>3,572,064</b>	<b>4,696,687</b>	<b>6,317,933</b>	<b>5,893,259</b>	<b>6,094,536</b>	<b>26,574,479</b>
Water	PLAN	2207	P802	Reservoirs	2127.003	Forest Ridge Reservoir Access Road	100,000	350,000	-	-	-	450,000
Water	3960	2207	6822	Reservoirs	2127.012	North Austin Reservoir and Pump Station Improvements	342,000	475,000	800,000	650,000	163,956	2,430,956
Water	PLAN	2207	P763	Reservoirs	2127.012	North Austin Reservoir and Pump Station Improvements	2,000,000	4,000,000	6,000,000	3,200,000	1,000,000	16,200,000
Water	PLAN	2207	P002	Reservoirs	2127.017	Loop 360 Elevated Tank	-	-	-	-	572,500	572,500
Water	3960	2207	6609	Reservoirs	2127.032	Martin Hill Reservoir Mixing Improvements	200,000	-	-	-	-	200,000
Water	PLAN	2207	P523	Reservoirs	2127.033	South I-35 Elevated Water Tank	-	-	189,343	473,358	473,358	1,136,059
Water	3920	2207	6573	Reservoirs	2127.035	Leuthan Lane Reservoir Improvements	-	225,506	-	-	-	225,506
Water	PLAN	2207	P313	Reservoirs	2127.036	Aquifer Storage and Recovery Pilot	250,000	600,000	1,000,000	1,155,000	1,540,000	4,545,000
Water	3960	2207	8016	Reservoirs	2127.039	Forest Ridge Reservoir Improvements	-	230,706	-	-	-	230,706
Water	PLAN	2207	P459	Reservoirs	2127.041	Mt. Larson/Westlake Reservoir Improvements	-	-	238,878	1,150,000	-	1,388,878
Water	PLAN	2207	P471	Reservoirs	2127.042	Slaughter Lane Reservoir Improvements	300,000	-	-	-	-	300,000
Water	3920	2207	8044	Reservoirs	2127.045	Davis Lane #1 Reservoir Improvements	2,476,000	-	124,000	-	-	2,600,000
Water	PLAN	2207	P753	Reservoirs	2127.047	Aquifer Storage and Recovery Full-Scale Project	-	-	-	-	13,741,000	13,741,000
Water	PLAN	2207	P776	Reservoirs	2127.048	Sun Tree Reservoir Improvements	-	-	-	150,000	1,000,000	1,150,000
Water	PLAN	2207	P783	Reservoirs	2127.049	La Crosse Reservoir Check Valve and Drainage Improvement Project	237,990	-	-	-	-	237,990
Water	PLAN	2207	P630	Reservoirs	12480.002	Longhorn Dam Improvements	1,810,000	750,000	-	-	-	2,560,000
<b>Reservoirs Total</b>							<b>7,715,990</b>	<b>6,631,212</b>	<b>8,352,221</b>	<b>6,778,358</b>	<b>18,490,814</b>	<b>47,968,595</b>
Water	4180	2207	8677	Vehicles and Equipment	3185.002	Capital Equipment - Vehicles	-	-	-	-	-	-
Water	3920	2207	8034	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	-	-	-	-	-	-
Water	3920	2207	8035	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	1,500,000	-	-	-	-	1,500,000
Water	PLAN	2207	P589	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	-	1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
<b>Vehicles and Equipment Total</b>							<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,500,000</b>
Water	3960	2207	6484	Water Pipe Network	2056.008	Annexation Telemetry River Place, Lost Creek, and Shady Hollow	11,500	-	-	-	-	11,500
Water	3920	2207	8116	Water Pipe Network	2231.093	Southwest Allandale Neighborhood Water and Wastewater System Upgrades	108,857	108,857	162,878	180,023	128,588	689,203
Water	3960	2207	6577	Water Pipe Network	2231.109	East Allandale White Rock Neighborhood System Rehabilitation	340,000	500,000	600,000	700,000	177,000	2,317,000
Water	3960	2207	7039	Water Pipe Network	2231.181	East Austin Wastewater Line Improvements	500	-	-	-	-	500
Water	3920	2207	6592	Water Pipe Network	2231.217	University Avenue Alley Water and Wastewater Pipeline Improvements	38,024	38,024	311,562	73,791	73,791	535,192

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P045	Water Pipe Network	2231.218	Water Pipeline Renewal Future Program	-	-	-	-	-	-
Water	PLAN	2207	P023	Water Pipe Network	2231.22	Water Pipeline Renewal Future Program Austin Water Crews	-	-	-	-	-	-
Water	3960	2207	6618	Water Pipe Network	2231.233	Brentwood/Arcadia Avenue Water and Wastewater Pipeline Renewal	338,500	1,840,754	1,175,406	-	-	3,354,660
Water	3920	2207	6650	Water Pipe Network	2231.234	Rosedale/Lawnmont Avenue Water and Wastewater Pipeline Renewal	35,000	235,500	225,500	157,000	130,500	783,500
Water	3960	2207	6583	Water Pipe Network	2231.236	Morrow and Gault Water & Wastewater Pipeline Renewal	53,000	105,000	52,000	-	-	210,000
Water	3960	2207	6392	Water Pipe Network	2231.237	Exposition Blvd (W. 35th to Enfield) Water & Wastewater Pipeline Renewal	975,000	1,053,040	1,030,937	-	-	3,058,977
Water	3960	2207	6393	Water Pipe Network	2231.238	North Tarrytown Water and Wastewater Pipeline Renewal	172,500	367,000	184,239	300,000	500,000	1,523,739
Water	3920	2207	8070	Water Pipe Network	2231.239	South Tarrytown Water & Wastewater Pipeline Renewal	123,938	137,709	173,000	173,000	173,000	780,647
Water	PLAN	2207	P224	Water Pipe Network	2231.24	Old Enfield Water & Wastewater Pipeline Renewal: Newfield Lane Area	153,143	153,143	763,800	361,800	180,900	1,612,786
Water	PLAN	2207	P236	Water Pipe Network	2231.246	Kellam Road Water & Wastewater Pipeline Rehabilitation	8,000	30,000	30,000	50,000	250,000	368,000
Water	3920	2207	6469	Water Pipe Network	2231.253	Meter Upgrades (Phase 1) - 3-inch Diameter and Larger	-	-	-	-	-	-
Water	3960	2207	6483	Water Pipe Network	2231.259	Delwood Drive Water Line Rehabilitation	150,000	-	-	-	-	150,000
Water	3960	2207	6531	Water Pipe Network	2231.273	West Allandale and Trailridge Drive Utility Line Renewal	684,000	1,454,000	316,184	-	-	2,454,184
Water	PLAN	2207	P282	Water Pipe Network	2231.279	Waterline On-Call Services Future Program	-	1,500,000	2,000,000	2,000,000	2,000,000	7,500,000
Water	3960	2207	6696	Water Pipe Network	2231.281	Hyde Park Water & Wastewater Pipeline Rehabilitation	150,000	100,000	100,000	200,000	300,000	850,000
Water	3960	2207	6559	Water Pipe Network	2231.284	Gillis Street Water Pipeline Renewal	10,000	10,000	212,303	58,725	58,725	349,753
Water	3960	2207	6561	Water Pipe Network	2231.285	Asbestos Cement Water Pipe and Wastewater Line Replacement (Northeast)	503,272	1,163,248	707,107	945	-	2,374,572
Water	3960	2207	6567	Water Pipe Network	2231.287	Vargas Neighborhood Water and Wastewater Pipeline Rehabilitation	112,989	112,988	1,127,061	266,936	133,468	1,753,442
Water	3960	2207	6568	Water Pipe Network	2231.288	Ross Road at Del Valle High School	-	-	-	-	-	-
Water	3920	2207	8023	Water Pipe Network	2231.291	Zilker Water and Wastewater Pipeline Rehabilitation	345,720	2,069,131	490,058	245,030	245,030	3,394,969
Water	3920	2207	8046	Water Pipe Network	2231.294	Barton Hills Water & Wastewater Pipeline Renewal: Horseshoe Bend Area	175,326	175,326	215,485	51,037	51,037	668,211
Water	3960	2207	8021	Water Pipe Network	2231.298	Harmon Avenue Area Water & Wastewater Renewal	150,857	1,504,800	356,400	178,200	178,200	2,368,457
Water	3960	2207	6599	Water Pipe Network	2231.302	Academy Drive Water & Wastewater Pipeline Renewal	55,304	55,304	135,945	107,325	107,325	461,203
Water	3960	2207	6600	Water Pipe Network	2231.303	La Casa Drive Water and Wastewater Pipeline Renewal	8,348	8,348	68,400	16,200	16,200	117,496



**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3960	2207	6601	Water Pipe Network	2231.304	Beverly Road Water and Wastewater Pipeline Renewal	31,304	31,304	153,900	60,750	60,750	338,008
Water	3920	2207	8068	Water Pipe Network	2231.307	Rosedale North Water and Wastewater Pipeline Renewal Phase 2	138,807	139,807	189,714	175,714	844,285	1,488,327
Water	3920	2207	8121	Water Pipe Network	2231.308	West 17th Street Water & Wastewater Pipeline Rehabilitation	50,000	100,000	100,000	100,000	100,000	450,000
Water	3960	2207	8055	Water Pipe Network	2231.311	Wilshire Blvd Area Water & Wastewater Pipeline Rehabilitation	100,000	100,000	100,000	100,000	500,000	900,000
Water	PLAN	2207	P367	Water Pipe Network	2231.313	Truman Heights Water & Wastewater Pipeline Rehabilitation	100,000	100,000	100,000	200,000	200,000	700,000
Water	3960	2207	6614	Water Pipe Network	2231.316	Tejas Trail Water Pipeline Replacement	-	-	-	-	-	-
Water	3960	2207	6615	Water Pipe Network	2231.317	Periwinkle Path Water & Wastewater Pipeline Rehabilitation	-	-	-	-	-	-
Water	PLAN	2207	P394	Water Pipe Network	2231.318	Brentwood Water and Wastewater Pipeline Rehabilitation - Koenig North	240,000	240,000	600,000	796,500	520,000	2,396,500
Water	3920	2207	6627	Water Pipe Network	2231.331	Sunny Lane Water and Wastewater Pipeline Replacement	4,860	84,584	39,960	24,300	-	153,704
Water	PLAN	2207	P443	Water Pipe Network	2231.332	West 35th Street Water and Wastewater System Rehabilitation	31,000	32,000	256,000	61,000	61,000	441,000
Water	PLAN	2207	P525	Water Pipe Network	2231.333	Zilker Water and Wastewater Pipeline Rehabilitation Phase 2	100,000	100,000	100,000	100,000	500,000	900,000
Water	3920	2207	6689	Water Pipe Network	2231.334	Bryker Road Water and Wastewater Replacement	18,031	46,456	313,808	148,252	90,153	616,700
Water	3920	2207	6674	Water Pipe Network	2231.335	Creedmoor Drive Water Pipeline Replacement	450,000	300,000	-	-	-	750,000
Water	PLAN	2207	P450	Water Pipe Network	2231.336	Newport Avenue Water Pipeline Rehabilitation	50,087	50,087	410,400	97,200	97,200	704,974
Water	PLAN	2207	P496	Water Pipe Network	2231.337	Bristol Drive Water Pipeline Replacement	5,000	5,000	5,000	1,000	1,000	17,000
Water	PLAN	2207	P499	Water Pipe Network	2231.338	Avenue A Water & Wastewater Pipeline Rehabilitation	7,000	25,000	25,000	206,000	49,000	312,000
Water	3920	2207	6691	Water Pipe Network	2231.339	West 9th and 12th Streets Water and Wastewater Replacement	215,000	315,000	515,000	226,800	226,800	1,498,600
Water	3920	2207	6699	Water Pipe Network	2231.34	Plaza Saltillo East 6th St Waterline - Community Facilities Agreement	-	-	-	-	-	-
Water	3920	2207	8025	Water Pipe Network	2231.34	Plaza Saltillo East 6th St Waterline - Community Facilities Agreement	62,796	-	-	-	-	62,796
Water	PLAN	2207	P502	Water Pipe Network	2231.341	38th and 40th Streets Water and Wastewater Pipeline Rehabilitation	600	600	600	600	600	3,000
Water	PLAN	2207	P503	Water Pipe Network	2231.342	Garden Villa Lane Water Pipeline Replacement	75	10,000	10,000	20,000	100,000	140,075
Water	3920	2207	6658	Water Pipe Network	2231.344	Ann and Maye Place Water Pipeline Improvements	96,000	-	-	-	-	96,000
Water	3920	2207	6659	Water Pipe Network	2231.345	Asphalt and Concrete Restoration IDIQ Design & Management Services FY17-19	10,000	-	-	-	-	10,000
Water	3920	2207	6697	Water Pipe Network	2231.348	2018 Waterline On-Call Services IDIQ	2,000,000	500,000	-	-	-	2,500,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3920	2207	8060	Water Pipe Network	2231.355	Tanglewood Trail Water Pipeline Renewal	-	-	-	-	-	-
Water	3920	2207	8105	Water Pipe Network	2231.356	Upson Street Water Line Extension	-	-	-	-	-	-
Water	3920	2207	8106	Water Pipe Network	2231.357	City Park Road 8 Inch Water Line Extension	-	-	-	-	-	-
Water	3920	2207	8107	Water Pipe Network	2231.358	Lakemoore Drive Water Line Extension	-	-	-	-	-	-
Water	PLAN	2207	P625	Water Pipe Network	2231.363	Targeted wastewater line improvements in the Waller Lower Basin	-	10,000	20,000	20,000	50,000	100,000
Water	3920	2207	5012	Water Pipe Network	2982.001	Water Services & Meters	450,000	450,000	450,000	450,000	450,000	2,250,000
Water	PLAN	2207	P191	Water Pipe Network	3212.124	Waterline Relocation Future Program: TxDOT and Counties	-	-	-	105,000	410,000	515,000
Water	PLAN	2207	P194	Water Pipe Network	3212.126	Water Pipeline Relocation Future Program	-	-	-	105,000	-	105,000
Water	3920	2207	6468	Water Pipe Network	3212.133	Travis County Utility Relocation: FM 969 (Phase I) - Decker Lane to FM 973	29,000	50,000	-	-	-	79,000
Water	3920	2207	6421	Water Pipe Network	3212.136	TxDOT Utility Relocation: US 183 Bergstrom Expressway (US 290 to SH 71)	130,442	-	-	-	-	130,442
Water	3960	2207	7935	Water Pipe Network	3212.136	TxDOT Utility Relocation: US 183 Bergstrom Expressway (US 290 to SH 71)	-	-	-	-	-	-
Water	3920	2207	8064	Water Pipe Network	3212.139	TxDOT Waterline Relocations: Manchaca Road (Ravenscroft to FM 1626)	18,500	-	-	-	-	18,500
Water	3960	2207	6513	Water Pipe Network	3212.14	TxDOT-IH35 Improvements- Multiple Segments 51st St to William Cannon	37,000	-	-	-	-	37,000
Water	3920	2207	6548	Water Pipe Network	3212.14	TxDOT-IH35 Improvements- Multiple Segments 51st St to William Cannon	10,000	-	-	-	-	10,000
Water	3960	2207	6563	Water Pipe Network	3212.14	TxDOT-IH35 Improvements- Multiple Segments 51st St to William Cannon	80,000	-	-	-	-	80,000
Water	3960	2207	6564	Water Pipe Network	3212.14	TxDOT-IH35 Improvements- Multiple Segments 51st St to William Cannon	-	-	-	-	-	-
Water	3960	2207	6565	Water Pipe Network	3212.14	TxDOT-IH35 Improvements- Multiple Segments 51st St to William Cannon	-	-	-	-	-	-
Water	3920	2207	6580	Water Pipe Network	3212.14	TxDOT-IH35 Improvements- Multiple Segments 51st St to William Cannon	62,000	-	-	-	-	62,000
Water	3960	2207	6514	Water Pipe Network	3212.141	TxDOT-Loop 1 Water Line Relocation: Davis Lane to La Crosse Avenue	195,400	-	-	-	-	195,400
Water	3920	2207	6539	Water Pipe Network	3212.144	Relocation of Water Line and Appurtenances on Neenah Road	-	-	-	-	-	-
Water	3960	2207	6544	Water Pipe Network	3212.146	Williamson County Forest North, Pearson Ranch, & Lakeline Blvd W&WW Lines	-	-	-	-	-	-
Water	3920	2207	6545	Water Pipe Network	3212.146	Williamson County Forest North, Pearson Ranch, & Lakeline Blvd W&WW Lines	-	-	-	-	-	-

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3920	2207	6547	Water Pipe Network	3212.146	Williamson County Forest North, Pearson Ranch, & Lakeline Blvd W&WW Lines	-	-	-	-	-	-
Water	3920	2207	6569	Water Pipe Network	3212.147	Forest North Phase 2 Water and Wastewater Line Relocation	850,900	-	-	-	-	850,900
Water	3920	2207	6666	Water Pipe Network	3212.148	Pond Springs Road Water and Wastewater Lines and Appurtenance Relocation	-	-	61,400	41,250	-	102,650
Water	3920	2207	6651	Water Pipe Network	3212.151	TxDOT IH 35 Water and Wastewater line Relocation: Rundberg To 290E Segment	81,000	47,000	-	-	-	128,000
Water	3920	2207	6652	Water Pipe Network	3212.151	TxDOT IH 35 Water and Wastewater line Relocation: Rundberg To 290E Segment	38,000	12,000	-	-	-	50,000
Water	PLAN	2207	P804	Water Pipe Network	3212.153	TxDOT Parmer Lane Water Line Relocation Harris Branch to Tech Ridge	55,000	55,000	635,000	-	-	745,000
Water	3960	2207	6630	Water Pipe Network	3212.154	TxDOT SH 71 Water Line Relocation: SH71 @ US 183 Interchange	325,000	70,000	565,000	520,000	-	1,480,000
Water	3960	2207	6632	Water Pipe Network	3212.155	TxDOT IH 35 Waterline Relocation: Parmer Lane Segment	80,000	55,000	50,000	-	-	185,000
Water	3960	2207	6634	Water Pipe Network	3212.157	TxDOT FM 2222 Water Line Relocation: FM 620 to Bonaventure Drive	205,000	76,000	60,000	-	-	341,000
Water	PLAN	2207	P454	Water Pipe Network	3212.158	TxDOT US 183/SH 71 Relocation: S of Thompson Ln/SW of Airport Commerce Dr.	35,000	36,000	28,000	405,000	-	504,000
Water	3920	2207	6673	Water Pipe Network	3212.161	TxDOT FM 2222 WL Relocation: Bonaventure Drive to Ribelin Ranch Road	245,000	52,000	-	-	-	297,000
Water	PLAN	2207	P787	Water Pipe Network	3212.162	TxDOT IH 35 Central WL Relocation: US 183 to Riverside Drive	25,000	25,000	25,000	25,000	25,000	125,000
Water	PLAN	2207	P803	Water Pipe Network	3212.162	TxDOT IH 35 Central WL Relocation: US 183 to Riverside Drive	25,000	30,000	25,000	25,000	25,000	130,000
Water	3920	2207	6657	Water Pipe Network	3212.163	TxDOT IH 35 North (16) Project WL Relocation: SH 45 N to US 290	5,000	5,000	5,000	5,000	5,000	25,000
Water	PLAN	2207	P562	Water Pipe Network	3212.166	Travis County Utility Relocation: William Cannon Extension	-	-	19,000	19,000	-	38,000
Water	PLAN	2207	P563	Water Pipe Network	3212.167	Travis County Utility Relocation: South Pleasant Valley Road	-	-	5,000	5,000	5,000	15,000
Water	PLAN	2207	P574	Water Pipe Network	3212.168	Travis County Utility Relocation Thaxton Road	-	5,000	3,000	-	-	8,000
Water	PLAN	2207	P584	Water Pipe Network	3212.169	Travis County Utility Relocation: Pearce Lane at Kellam Rd Intersection	205,000	-	-	-	-	205,000
Water	PLAN	2207	P585	Water Pipe Network	3212.17	Travis County Utility Relocation: Old Manor Road Safety Improvements	-	-	35,000	140,000	140,000	315,000
Water	PLAN	2207	P586	Water Pipe Network	3212.171	Travis County Utility Relocation: Thomas Springs Road at Circle Drive	145,000	-	-	-	-	145,000
Water	PLAN	2207	P587	Water Pipe Network	3212.172	Travis County Utility Relocation: Elroy Road Widening	102,000	-	-	-	-	102,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3920	2207	8037	Water Pipe Network	3212.173	TxDOT Boyce Lane Water Line Relocation	16,000	-	-	-	-	16,000
Water	3920	2207	8124	Water Pipe Network	3212.174	Miscellaneous Pavement Improvements FY19-23	10,000	10,000	10,000	10,000	-	40,000
Water	PLAN	2207	P659	Water Pipe Network	3212.175	Miscellaneous Pavement Improvements FY24-28	-	-	-	-	10,000	10,000
Water	3920	2207	8066	Water Pipe Network	3212.176	TxDOT SH 71 from East of SH 130 to East of Kellam Road Waterline Relocation	1,379,500	73,500	76,000	-	-	1,529,000
Water	3920	2207	8069	Water Pipe Network	3212.177	TxDOT Old Gregg Lane Waterline Relocation at Harris Branch Creek	66,737	-	-	-	-	66,737
Water	PLAN	2207	P779	Water Pipe Network	3212.178	TxDOT Loop 360 at Westlake Drive Water & Wastewater Relocation	200,000	50,000	500,000	500,000	200,000	1,450,000
Water	3920	2207	8111	Water Pipe Network	3212.179	TxDOT US 290 at Oak Hill Parkway Water & Wastewater Lines Relocation	50,000	1,000,000	1,000,000	500,000	500,000	3,050,000
Water	PLAN	2207	P781	Water Pipe Network	3212.18	TxDOT Loop 360 at Spicewood Springs Road Water & Wastewater Relocation	250,000	100,000	550,000	550,000	650,000	2,100,000
Water	3960	2207	2094	Water Pipe Network	3353.095	Whisper Valley and Indian Hills Public Improvement Districts	-	-	-	-	-	-
Water	PLAN	2207	P599	Water Pipe Network	3353.095	Whisper Valley and Indian Hills Public Improvement Districts	-	-	-	-	500,000	500,000
Water	3960	2207	6473	Water Pipe Network	3353.104	The Terrace 16-Inch Offsite Water Line	-	-	-	-	-	-
Water	3960	2207	6549	Water Pipe Network	3353.109	Bull Creek Tract 24-Inch Water Line Extension	-	-	-	-	-	-
Water	3920	2207	8038	Water Pipe Network	3353.116	Goodnight Ranch Phase Two	796,950	-	-	-	-	796,950
Water	PLAN	2207	P061	Water Pipe Network	4857.03	Shady Hollow MUD	1,000	1,000	1,000	1,000	1,000	5,000
Water	3960	2207	6550	Water Pipe Network	5309.006	Water Services Replacement Contract IDIQ (2017 to 2021)	1,250,000	550,000	-	-	-	1,800,000
Water	3960	2207	8067	Water Pipe Network	5309.007	Polybutylene Services Replacement Program	300,000	2,000,000	2,000,000	2,000,000	2,000,000	8,300,000
Water	3920	2207	8018	Water Pipe Network	5754.086	Little Walnut Creek – Flood Risk Reduction from Metric to Rutland	310,000	510,000	210,000	90,000	-	1,120,000
Water	3920	2207	8028	Water Pipe Network	5873.012	Red Bud Trail Bridge over Lady Bird Lake	34,823	34,824	34,824	-	-	104,471
Water	3920	2207	6570	Water Pipe Network	5873.031	Barton Springs Rd. Bridge over Barton Creek	5,000	5,000	5,000	5,000	-	20,000
Water	3920	2207	6594	Water Pipe Network	6066.043	Zilker Metro Park - Water Line Extension	-	-	-	-	-	-
Water	3960	2207	6555	Water Pipe Network	6319.007	Fallwell Lane Capital Renewal Project	-	88,786	100,000	-	-	188,786
Water	PLAN	2207	P030	Water Pipe Network	6935.001	Davis Medium Service Water Transmission Main	-	10,000	200,000	500,000	1,000,000	1,710,000
Water	PLAN	2207	P139	Water Pipe Network	6935.019	Parmer & 620 Interconnect	-	-	-	700,000	700,000	1,400,000
Water	3960	2207	7249	Water Pipe Network	6935.022	Springdale/290 Water Line Improvements	2,230,000	2,110,000	-	-	-	4,340,000
Water	PLAN	2207	P003	Water Pipe Network	6935.026	Moore Rd Transmission Main	-	-	200,000	925,000	925,000	2,050,000
Water	PLAN	2207	P006	Water Pipe Network	6935.028	Lost Creek Water Main Improvements	-	-	-	-	340,000	340,000
Water	3920	2207	6218	Water Pipe Network	6935.031	McNeil Road Water Transmission Main	670,000	1,220,000	655,000	-	7,515,000	10,060,000
Water	3920	2207	7242	Water Pipe Network	6935.033	Johnny Morris/Hwy 290 Area Water Line Extensions	100,000	550,000	520,000	-	-	1,170,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3960	2207	6665	Water Pipe Network	6935.035	Howard Lane Water Main Extension	105,000	570,000	-	-	-	675,000
Water	3960	2207	6480	Water Pipe Network	6935.037	Highland Park Water and Wastewater Improvements	1,270,130	1,317,500	1,280,000	1,530,000	1,534,458	6,932,088
Water	3960	2207	6391	Water Pipe Network	6935.039	Cameron Rd : Gregg Lane to School	20,000	-	-	-	-	20,000
Water	3920	2207	6479	Water Pipe Network	6935.042	Loop 360 Westlake to Waymaker	-	20,000	40,000	40,000	500,000	600,000
Water	3920	2207	6571	Water Pipe Network	6935.045	Northwest A & B Zone Boundary Projects	804,000	-	-	-	-	804,000
Water	PLAN	2207	P149	Water Pipe Network	6935.046	Highway 290 - Highway 183 Low Pressure Project	-	-	150,000	750,000	650,000	1,550,000
Water	3960	2207	6663	Water Pipe Network	6935.047	Oltorf Low Pressure Project	110,000	278,000	1,130,000	2,551,000	1,589,000	5,658,000
Water	3960	2207	6471	Water Pipe Network	6935.049	Travis County Water Line Construction: FM 1626 from Manchaca Rd to Brodie	100,000	-	-	-	-	100,000
Water	3920	2207	6526	Water Pipe Network	6935.05	Integrated Water Management Plan	-	-	-	-	-	-
Water	3920	2207	6703	Water Pipe Network	6935.057	Advanced Metering Infrastructure for Potable & Reclaimed Water Services	1,560,000	2,065,000	1,059,000	1,083,000	1,108,000	6,875,000
Water	3920	2207	8065	Water Pipe Network	6935.057	Advanced Metering Infrastructure for Potable & Reclaimed Water Services	840,000	1,890,000	1,890,000	1,890,000	1,890,000	8,400,000
Water	4250	2207	8115	Water Pipe Network	6935.057	Advanced Metering Infrastructure for Potable & Reclaimed Water Services	2,005,000	18,854,000	16,050,000	15,912,000	15,932,000	68,753,000
Water	3920	2207	6684	Water Pipe Network	6935.061	Piland Triangle Interconnect	71,000	570,000	540,000	-	-	1,181,000
Water	3960	2207	6623	Water Pipe Network	6935.062	West 35th/38th Water System Improvements	-	-	-	-	-	-
Water	PLAN	2207	P559	Water Pipe Network	6935.067	Pleasant Valley Waterline - Webberville to E 7th	-	200,000	200,000	100,000	500,000	1,000,000
Water	PLAN	2207	P568	Water Pipe Network	6935.068	Holly Neighborhood Water and Wastewater System Upgrades	400,000	250,000	1,300,000	1,000,000	-	2,950,000
Water	PLAN	2207	P569	Water Pipe Network	6935.069	Small Diameter Waterline Improvements - II	50,000	400,000	250,000	1,300,000	1,000,000	3,000,000
Water	PLAN	2207	P614	Water Pipe Network	6935.074	East Braker Lane Extension (Travis County Segment)	-	-	40,000	450,000	500,000	990,000
Water	3920	2207	8036	Water Pipe Network	6935.076	Atlanta and Foster Waterline Improvements	-	-	-	-	-	-
Water	3960	2207	7468	Water Pipe Network	6961.002	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	-	-	-	-	-	-
Water	3920	2207	6644	Water Pipe Network	7487.002	Braker Ln Extension from Dessau Rd. to Samsung Blvd (City Funded)	45,000	135,000	-	-	-	180,000
Water	3960	2207	8011	Water Pipe Network	9083.006	Waller Creek District - Sabine St. Promenade	14,048	-	-	-	-	14,048
Water	3960	2207	8108	Water Pipe Network	11880.001	Spicewood Springs Road Regional Mobility Improvements	225,000	190,000	-	-	-	415,000
<b>Water Pipe Network Total</b>							<b>27,137,768</b>	<b>50,932,620</b>	<b>45,334,871</b>	<b>41,690,378</b>	<b>48,709,010</b>	<b>213,804,647</b>
Water	3960	2207	7149	Water Treatment Plants	2015.006	Davis Water Treatment Plant Power Distribution Upgrade	8,272,874	2,774,680	-	-	-	11,047,554
Water	3960	2207	7098	Water Treatment Plants	2015.017	Davis WTP Raw Water Hydraulic and Energy Efficiency Improvements	100,000	700,000	700,000	-	-	1,500,000
Water	3960	2207	6197	Water Treatment Plants	2015.019	Davis WTP Supervisory Control and Data Acquisition (SCADA) Improvements	204,700	504,000	411,500	49,600	568,500	1,738,300

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P048	Water Treatment Plants	2015.025	Davis Water Treatment Plant Power Distribution Upgrade Phase B	-	-	-	50,000	700,000	750,000
Water	3960	2207	7653	Water Treatment Plants	2015.041	Davis Water Treatment Plant Treated Water Discharge System	12,115,869	4,799,729	-	-	-	16,915,598
Water	3920	2207	6492	Water Treatment Plants	2015.056	Davis Water Treatment Plant Lubricant Storage Shed and Handling Equipment	10,000	186,518	-	-	-	196,518
Water	3960	2207	6616	Water Treatment Plants	2015.057	Davis Water Treatment Plant Surge Vault and CO2 Storage Improvements	-	-	-	-	-	-
Water	3920	2207	6669	Water Treatment Plants	2015.058	Davis WTP Chemical Building Chlorine and Ammonia Leak Detection	-	-	-	-	-	-
Water	3920	2207	8032	Water Treatment Plants	2015.059	Davis WTP Carbon Dioxide Tanks & Re-carbonation Programming Improvements	-	-	-	-	-	-
Water	3920	2207	6700	Water Treatment Plants	2015.06	Davis Water Treatment Plant Sodium Hexametaphosphate Improvements	-	-	-	-	-	-
Water	PLAN	2207	P386	Water Treatment Plants	2015.061	Davis WTP Recycle Pump Station Discharge Solid Grit Removal	80,000	100,000	150,000	150,000	-	480,000
Water	PLAN	2207	P387	Water Treatment Plants	2015.062	Davis Water Treatment Plant Filter Media Tank Improvements	28,619	-	-	-	-	28,619
Water	3920	2207	8052	Water Treatment Plants	2015.063	Davis WTP Rapid Mix Pumps Mechanical Seal Potable Flush Water Improvements	-	-	-	-	-	-
Water	PLAN	2207	P389	Water Treatment Plants	2015.064	Davis Water Treatment Plant Recycle Tank Clarifier #3 Improvements	-	-	-	-	30,612	30,612
Water	PLAN	2207	P390	Water Treatment Plants	2015.065	Davis Water Treatment Plant Iron and Fluoride Flow Meters	-	-	-	-	-	-
Water	PLAN	2207	P391	Water Treatment Plants	2015.066	Davis Water Treatment Plant Clear Well Number 1 Rehabilitation	49,600	-	-	-	-	49,600
Water	PLAN	2207	P417	Water Treatment Plants	2015.069	Davis Raw Water Efficiency Low Service Pump Station Improvements	366,667	-	-	-	-	366,667
Water	3920	2207	8117	Water Treatment Plants	2015.071	Davis Water Treatment Plant Filter 1, 26, and 27 Valve Replacements	-	-	-	-	-	-
Water	3920	2207	8119	Water Treatment Plants	2015.072	Davis Water Treatment Plant-Recycle Building No.2 Water Cooled Air Handler	-	-	-	-	-	-
Water	3920	2207	6645	Water Treatment Plants	2015.073	Davis Water Treatment Plant Basin Concrete Repairs	100,000	-	-	-	-	100,000
Water	3920	2207	8056	Water Treatment Plants	2015.074	Davis Water Treatment Plant Admin Building Rooftop Unit Replacement	-	-	-	-	-	-
Water	PLAN	2207	P481	Water Treatment Plants	2015.075	Davis Water Treatment Plant Replacement of Inoperable Doors	-	-	-	-	-	-
Water	PLAN	2207	P482	Water Treatment Plants	2015.076	Davis WTP Supervisory Control and Data Acquisition Room Floor Replacement	-	-	-	-	-	-
Water	3920	2207	6638	Water Treatment Plants	2015.078	Davis Water Treatment Plant Maintenance Shop Heater Replacements	31,100	77,843	-	-	-	108,943

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P488	Water Treatment Plants	2015.079	Davis Water Treatment Plant High Service Replacement of Air Handlers	-	250,000	-	-	-	250,000
Water	PLAN	2207	P489	Water Treatment Plants	2015.08	Davis Water Treatment Plant Chemical Building Remodel	25,000	-	-	-	-	25,000
Water	PLAN	2207	P553	Water Treatment Plants	2015.081	Davis Water Treatment Plant Recycle Basin Overflow Improvements	150,000	-	-	-	-	150,000
Water	3920	2207	8109	Water Treatment Plants	2015.082	Davis Water Treatment Plant Chlorine Vacuum Regulator Improvements	-	-	-	-	-	-
Water	PLAN	2207	P560	Water Treatment Plants	2015.083	Davis Treatment Plant High Service Pump Floor Drain Discharge Improvements	15,000	-	-	-	-	15,000
Water	PLAN	2207	P567	Water Treatment Plants	2015.084	Davis Turbidity Meter Replacement	-	350,000	-	-	-	350,000
Water	3920	2207	8114	Water Treatment Plants	2015.085	Davis Water Quality and Detention Improvements	-	-	28,800	96,000	96,000	220,800
Water	PLAN	2207	P641	Water Treatment Plants	2015.086	Davis WTP Basin Fiberglass Safety Grating Replacement	225,000	225,000	-	-	-	450,000
Water	PLAN	2207	P676	Water Treatment Plants	2015.087	Davis WTP Admin Building Filter Control Room Floor System Rehabilitation	-	80,000	-	-	-	80,000
Water	PLAN	2207	P683	Water Treatment Plants	2015.088	Davis Water Treatment Plant Maintenance Building Paint Rehabilitation	-	80,000	-	-	-	80,000
Water	PLAN	2207	P734	Water Treatment Plants	2015.089	Davis Water Treatment Plant Ice Machine Replacement	-	-	-	25,000	-	25,000
Water	3920	2207	8120	Water Treatment Plants	2015.09	Davis Water Treatment Plant Lime Blower Replacement	-	-	-	-	-	-
Water	PLAN	2207	P762	Water Treatment Plants	2015.091	Davis WTP Mayfield Water Line Flow Monitoring Improvements	25,000	-	-	-	-	25,000
Water	PLAN	2207	P768	Water Treatment Plants	2015.092	Davis Water Treatment Plant FY2020 Minor Renewal Project	500,000	-	-	-	-	500,000
Water	PLAN	2207	P773	Water Treatment Plants	2015.093	Davis Water Treatment Plant Filter Process and Controller Improvements	50,000	450,000	-	-	-	500,000
Water	PLAN	2207	P774	Water Treatment Plants	2015.094	Davis WTP High Service Pump Station Electrical and Control Improvements	50,000	450,000	-	-	-	500,000
Water	3920	2207	6462	Water Treatment Plants	2056.009	Supervisory Control and Data Acquisition (SCADA) Cyber Security Remediation	160,000	160,000	160,000	160,000	160,000	800,000
Water	3920	2207	6620	Water Treatment Plants	2056.01	Supervisory Control and Data Acquisition Improvements Contract FY17-21	205,000	55,000	-	-	-	260,000
Water	3920	2207	7108	Water Treatment Plants	2056.011	Supervisory Control and Data Acquisition Data Integration	-	-	-	-	-	-
Water	3920	2207	8013	Water Treatment Plants	2056.013	Supervisory Control and Data Acquisition Hardware and Software Replacement	160,000	-	-	-	-	160,000
Water	PLAN	2207	P515	Water Treatment Plants	2056.014	Supervisory Control and Data Acquisition Improvements Contract FY21-26	-	200,000	200,000	200,000	200,000	800,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	3920	2207	7167	Water Treatment Plants	5335.005	Ullrich Water Treatment Plant Admin & Centrifuge SCADA Asset Replacement	1,400,371	296,000	-	-	-	1,696,371
Water	3960	2207	6533	Water Treatment Plants	5335.008	Ullrich WTP On-site Generation of Chlorine and Ammonium Sulfate Conversion	500,000	338,750	790,000	688,750	187,500	2,505,000
Water	PLAN	2207	P766	Water Treatment Plants	5335.008	Ullrich WTP On-site Generation of Chlorine and Ammonium Sulfate Conversion	-	1,661,250	210,000	2,311,250	4,812,500	8,995,000
Water	3960	2207	6575	Water Treatment Plants	5335.016	Ullrich WTP Low Service Pump Station Electrical Feed Renewal	848,104	349,750	581,900	762,750	463,650	3,006,154
Water	PLAN	2207	P765	Water Treatment Plants	5335.016	Ullrich WTP Low Service Pump Station Electrical Feed Renewal	-	2,500,000	4,500,000	6,000,000	3,500,000	16,500,000
Water	PLAN	2207	P203	Water Treatment Plants	5335.017	Ullrich Water Treatment Plant Air Handler Replacement	30,000	-	-	-	-	30,000
Water	3960	2207	6418	Water Treatment Plants	5335.027	Ullrich Water Treatment Plant Low Service Pumping Renewal Project	-	-	-	-	-	-
Water	PLAN	2207	P626	Water Treatment Plants	5335.028	Ullrich PAC, Admin, and Filter Building Corrosion Repair	100,000	100,000	-	-	-	200,000
Water	3920	2207	6926	Water Treatment Plants	5335.032	Ullrich Water Treatment Plant Protective Coating System Rehabilitation	225,000	-	-	-	-	225,000
Water	3920	2207	6925	Water Treatment Plants	5335.033	Ullrich WTP Old Sludge Pump Room Safety Improvements	5,000	-	-	-	-	5,000
Water	PLAN	2207	P239	Water Treatment Plants	5335.035	Ullrich Water Treatment Plant SCADA Network Infrastructure Replacement	50,000	250,000	700,000	25,000	110,000	1,135,000
Water	3920	2207	6622	Water Treatment Plants	5335.045	Ullrich Water Treatment Plant Medium/High Service Chiller & Air Handler	600,000	-	-	-	-	600,000
Water	PLAN	2207	P419	Water Treatment Plants	5335.047	Ullrich WTP Truck Scale System Rehabilitation	20,000	-	-	-	-	20,000
Water	3920	2207	8031	Water Treatment Plants	5335.048	Ullrich Filters 1-18 Stairway Rehabilitation	-	-	-	-	-	-
Water	PLAN	2207	P423	Water Treatment Plants	5335.051	Ullrich WTP Clarifier Basin Submerged Valve Operator Extension	-	-	-	-	-	-
Water	PLAN	2207	P434	Water Treatment Plants	5335.06	Ullrich WTP Clear Well #2 Rehabilitation	50,000	-	-	-	-	50,000
Water	PLAN	2207	P435	Water Treatment Plants	5335.061	Ullrich WTP HS/MSPS Electrical Feed & Hydraulic Renewal	50,000	-	-	-	-	50,000
Water	3920	2207	8104	Water Treatment Plants	5335.062	Ullrich WTP SCADA Server Relocation	10,000	-	-	-	-	10,000
Water	3920	2207	6698	Water Treatment Plants	5335.063	Ullrich WTP Solids Handling System Renewal	555,000	700,000	-	-	-	1,255,000
Water	PLAN	2207	P438	Water Treatment Plants	5335.064	Ullrich WTP Dehumidifier Basins #4-8 Replacement	-	-	-	-	-	-
Water	3960	2207	8010	Water Treatment Plants	5335.065	Ullrich WTP Non-Potable Service Water Pump Replacement	250,000	-	-	-	-	250,000
Water	3920	2207	8061	Water Treatment Plants	5335.066	Ullrich Water Treatment Plant - Admin Building Lab HVAC Replacement	-	-	-	-	-	-



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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P624	Water Treatment Plants	5335.068	Ullrich Water Treatment Plant Roof Rehabilitation	200,000	100,000	-	-	-	300,000
Water	3920	2207	8118	Water Treatment Plants	5335.069	Ullrich WTP Sludge Handling Valves Replacement	-	-	-	-	-	-
Water	3960	2207	6639	Water Treatment Plants	5335.07	Ullrich WTP Lime Feed Loop	7,825,872	1,128,500	354,676	-	-	9,309,048
Water	PLAN	2207	P484	Water Treatment Plants	5335.071	Ullrich Water Treatment Plant Lime Building - Replace Condenser Units	-	20,000	-	-	-	20,000
Water	PLAN	2207	P485	Water Treatment Plants	5335.072	Ullrich Water Treatment Plant Admin Building and Control Room Rehab	-	-	-	-	-	-
Water	PLAN	2207	P486	Water Treatment Plants	5335.073	Ullrich Water Treatment Plant Low Service Replacement of Chiller Controls	-	-	-	-	-	-
Water	3920	2207	8063	Water Treatment Plants	5335.074	Ullrich Water Treatment Plant Centrifuge Building HVAC	-	-	-	-	-	-
Water	3960	2207	6661	Water Treatment Plants	5335.075	Ullrich WTP Process Drain & Support Systems Improvements	83,376	-	-	-	-	83,376
Water	3920	2207	6675	Water Treatment Plants	5335.076	Ullrich WTP Sludge Mixer Drive Replacement	-	-	-	-	-	-
Water	PLAN	2207	P627	Water Treatment Plants	5335.077	Ullrich WTP Filter Valve Renewal & Motorization of Filter to Waste	200,000	-	10	-	-	200,010
Water	3920	2207	8059	Water Treatment Plants	5335.078	Ullrich Water Treatment Plant Raw Water Metering Platform	50,000	-	-	-	-	50,000
Water	PLAN	2207	P691	Water Treatment Plants	5335.079	Ullrich Water Treatment Plant Maintenance Shop Ice Machine Replacement	25,000	-	-	-	-	25,000
Water	PLAN	2207	P701	Water Treatment Plants	5335.08	Ullrich WTP LSPS Safety Structures Renewal	400,000	100,000	-	-	-	500,000
Water	PLAN	2207	P769	Water Treatment Plants	5335.081	Ullrich WTP Roofing, Door, and Window Renewal	500,000	-	-	-	-	500,000
Water	3920	2207	7107	Water Treatment Plants	6621.006	Davis Water Treatment Plant Security Access System Upgrade	-	-	-	-	-	-
Water	3920	2207	7949	Water Treatment Plants	6621.013	Ullrich Water Treatment Plant Security Access System Upgrade	285,000	-	-	-	-	285,000
Water	PLAN	2207	P398	Water Treatment Plants	6621.022	Handcox Water Treatment Plant Security Enhancements	250,000	-	-	-	-	250,000
Water	PLAN	2207	P401	Water Treatment Plants	6621.025	Handcox Water Treatment Plant Site Security System Conversion	-	-	-	-	-	-
Water	PLAN	2207	P409	Water Treatment Plants	6621.031	Davis Water Treatment Plant Security System Upgrade	-	-	-	-	300,000	300,000
Water	PLAN	2207	P412	Water Treatment Plants	6621.034	Ullrich Water Treatment Plant Security System Upgrade	-	-	-	-	300,000	300,000
Water	PLAN	2207	P268	Water Treatment Plants	6683.023	Handcox Water Treatment Plant Wash Water Decant and Sludge Holding Basins	-	-	-	50,000	300,000	350,000
Water	3920	2207	8029	Water Treatment Plants	6683.025	Handcox WTP Supervisory Control and Data Acquisition (SCADA)	150,897	-	-	-	-	150,897
Water	PLAN	2207	P473	Water Treatment Plants	6683.027	Handcox Water Treatment Plant Lime Handling Building Elevator	-	-	-	-	250,000	250,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Water	PLAN	2207	P476	Water Treatment Plants	6683.029	Handcox WTP Low Service Pump Station Lube Water Conversion	-	-	-	-	200,000	200,000
Water	3920	2207	8033	Water Treatment Plants	6683.03	Handcox Water Treatment Plant Communications Equipment	-	-	-	-	-	-
Water	PLAN	2207	P480	Water Treatment Plants	6683.031	Handcox Water Treatment Plant Process Buildings HVAC	250,000	-	-	-	-	250,000
Water	PLAN	2207	P495	Water Treatment Plants	6683.032	Handcox WTP Filter Backwash Pump Station Envelope Skin and HVAC	-	-	-	-	150,000	150,000
Water	3920	2207	6692	Water Treatment Plants	6683.035	Handcox Water Treatment Plant Raw Water Pump Motor Rebuild	-	-	-	-	-	-
Water	PLAN	2207	P784	Water Treatment Plants	6683.036	Handcox Water Treatment Plant FY2020 Minor Renewal Project	500,000	-	-	-	-	500,000
Water	PLAN	2207	P772	Water Treatment Plants	6683.037	Handcox Water Treatment Plant Obsolete SCADA Equipment Replacement	-	-	250,000	250,000	250,000	750,000
Water	3960	2207	7121	Water Treatment Plants	8702.003	Shaw Lane Sludge Facility Improvements	22,000	70,000	-	-	300,000	392,000
Water	PLAN	2207	P322	Water Treatment Plants	8702.005	Lime Residual Disposal Master Plan	77,714	97,143	97,143	986,000	147,333	1,405,333
Water	PLAN	2207	P492	Water Treatment Plants	8702.006	Austin Water Energy Projects Analysis	-	-	-	-	350,000	350,000
Water	3920	2207	6646	Water Treatment Plants	8702.007	Facilities and Force Main IDIQ Design & Management Services FY18-FY20	459,516	-	-	-	-	459,516
Water	3920	2207	6685	Water Treatment Plants	8702.008	Shaw Lane Aerial Survey	35,562	37,696	39,957	42,355	44,896	200,466
Water	3920	2207	6693	Water Treatment Plants	8702.009	Zebra Mussel Mitigation	415,000	1,295,000	1,397,000	-	-	3,107,000
Water	3920	2207	8101	Water Treatment Plants	8702.01	October 16, 2018 Flood Event Technical Support After Action Report	-	-	-	-	-	-
Water	PLAN	2207	P780	Water Treatment Plants	8702.011	Water Plant Resiliency Improvements - Colorado River Flood 2018	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000
<b>Water Treatment Plants Total</b>							<b>39,847,841</b>	<b>21,486,859</b>	<b>11,570,986</b>	<b>12,846,705</b>	<b>14,420,991</b>	<b>100,173,382</b>
Wastewater	PLAN	2307	P211	Buildings and Improvements	757.011	Tim Louviere Service Center Roof Renewal	-	-	-	-	75,000	75,000
Wastewater	4480	2307	4941	Buildings and Improvements	757.028	Facilities Master Plan Study	-	-	-	-	-	-
Wastewater	PLAN	2307	P218	Buildings and Improvements	757.029	Waller Creek Center-Department Operations Center and 10th Floor Renovation	-	-	-	25,000	100,000	125,000
Wastewater	4480	2307	4782	Buildings and Improvements	757.037	Waller Creek Center - Curtain Wall	1,000,000	-	-	-	-	1,000,000
Wastewater	4480	2307	9125	Buildings and Improvements	757.04	Waller Creek Center Crosswalk Roof Replacement	-	-	-	-	-	-
Wastewater	PLAN	2307	P434	Buildings and Improvements	757.054	Waller Creek Center Carpet Replacement	60,000	-	60,000	-	60,000	180,000
Wastewater	4480	2307	9143	Buildings and Improvements	757.058	Glen Bell Service Center Generator Replacement	-	-	37,500	-	-	37,500
Wastewater	4480	2307	4783	Buildings and Improvements	757.061	Waller Creek Center HVAC Rehabilitation	493,371	-	-	-	-	493,371
Wastewater	4480	2307	5053	Buildings and Improvements	757.062	Webberville Service Center Elevator Modernization	-	-	-	-	-	-
Wastewater	4480	2307	5063	Buildings and Improvements	757.064	Waller Creek Center 6th Floor Renovation	-	-	-	-	-	-

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P672	Buildings and Improvements	757.065	Waller Creek Center Electrical Upgrades	-	-	-	60,000	-	60,000
Wastewater	PLAN	2307	P673	Buildings and Improvements	757.066	Waller Creek Center Garage Stairs Inspection/Repairs	40,000	-	-	-	-	40,000
Wastewater	PLAN	2307	P674	Buildings and Improvements	757.067	Webberville Service Center HVAC Unit Replacement	-	4,000	-	-	-	4,000
Wastewater	PLAN	2307	P675	Buildings and Improvements	757.068	Webberville Ice Machine #1 Replacement	-	-	-	15,000	-	15,000
Wastewater	PLAN	2307	P678	Buildings and Improvements	757.071	Tim Louviere Service Center Ice Machine Replacement	-	-	12,500	-	-	12,500
Wastewater	PLAN	2307	P679	Buildings and Improvements	757.072	Glen Bell Service Center HVAC Units Replacement	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P681	Buildings and Improvements	757.074	Glen Bell Service Center Entrance Flooring	-	-	20,000	-	-	20,000
Wastewater	PLAN	2307	P684	Buildings and Improvements	757.077	North Service Center Entry Door Replacement	-	25,000	-	-	-	25,000
Wastewater	PLAN	2307	P685	Buildings and Improvements	757.078	South Service Center Building 600 Exterior Renewal	7,500	-	-	-	-	7,500
Wastewater	PLAN	2307	P687	Buildings and Improvements	757.079	South Service Center Restroom Rehabilitation	-	25,000	-	-	-	25,000
Wastewater	PLAN	2307	P688	Buildings and Improvements	757.08	North Service Center Building Envelope Inspection and Rehabilitation	-	10,000	-	-	-	10,000
Wastewater	PLAN	2307	P691	Buildings and Improvements	757.081	Webberville Service Center Building Envelope Inspection and Rehabilitation	-	-	10,000	-	-	10,000
Wastewater	PLAN	2307	P692	Buildings and Improvements	757.082	Glen Bell Service Center - Office Space Expansion	-	75,000	250,000	950,000	-	1,275,000
Wastewater	PLAN	2307	P693	Buildings and Improvements	757.083	Glen Bell Service Center - Building Envelope Rehabilitation	-	-	-	-	-	-
Wastewater	PLAN	2307	P695	Buildings and Improvements	757.084	South Service Center Building Envelope Inspection and Rehabilitation	10,000	-	-	-	-	10,000
Wastewater	PLAN	2307	P696	Buildings and Improvements	757.085	Webberville Service Center Restroom Rehabilitation	-	-	-	25,000	-	25,000
Wastewater	PLAN	2307	P697	Buildings and Improvements	757.086	Timothy Louviere Service Center Restroom Rehabilitation	-	5,000	-	-	-	5,000
Wastewater	PLAN	2307	P698	Buildings and Improvements	757.087	South Service Center Utility Vehicle Parking Lot Rehabilitation	-	-	-	10,000	-	10,000
Wastewater	PLAN	2307	P699	Buildings and Improvements	757.088	North Service Center Irrigation System Rehabilitation	-	-	-	-	5,000	5,000
Wastewater	PLAN	2307	P701	Buildings and Improvements	757.09	Glen Bell Service Center Restroom Rehabilitation	-	-	-	25,000	-	25,000
Wastewater	PLAN	2307	P702	Buildings and Improvements	757.091	Waller Creek Center Restroom Rehabilitation	40,000	-	-	-	-	40,000
Wastewater	PLAN	2307	P704	Buildings and Improvements	757.093	North Service Center Parking Lot Rehabilitation	-	100,000	-	-	-	100,000
Wastewater	PLAN	2307	P705	Buildings and Improvements	757.094	Webberville Service Center HVAC Controls Replacement	-	-	50,000	-	-	50,000
Wastewater	PLAN	2307	P709	Buildings and Improvements	757.096	Glen Bell Service Center Irrigation System Rehabilitation	-	-	-	-	7,500	7,500

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P710	Buildings and Improvements	757.097	Glen Bell Service Center Parking Lot Rehabilitation	-	40,000	-	-	-	40,000
Wastewater	PLAN	2307	P711	Buildings and Improvements	757.098	South Service Center Building 100 and 600 Drainage Rehabilitation	20,000	-	-	-	-	20,000
Wastewater	PLAN	2307	P712	Buildings and Improvements	757.099	Waller Creek Center Patch/Seal Driveway Surface	-	8,000	-	-	-	8,000
Wastewater	PLAN	2307	P713	Buildings and Improvements	757.1	Waller Creek Center Elevator Modernization	-	-	250,000	250,000	-	500,000
Wastewater	PLAN	2307	P716	Buildings and Improvements	757.101	Glen Bell Service Center Flooring Replacement and Improvements	-	-	-	110,000	-	110,000
Wastewater	PLAN	2307	P719	Buildings and Improvements	757.103	North Service Center Install Generator and Automatic Transfer Switch	-	-	125,000	-	-	125,000
Wastewater	PLAN	2307	P721	Buildings and Improvements	757.104	Webberville Service Center Ice Machine Replacement	15,000	-	-	-	-	15,000
Wastewater	PLAN	2307	P723	Buildings and Improvements	757.106	Glen Bell Service Center Fencing Improvements	-	-	-	12,000	-	12,000
Wastewater	PLAN	2307	P724	Buildings and Improvements	757.107	Glen Bell Service Center Lighting Replacement	-	-	-	150,000	-	150,000
Wastewater	PLAN	2307	P727	Buildings and Improvements	757.109	North Service Center Outdoor Lighting Rehabilitation	-	-	27,500	-	-	27,500
Wastewater	PLAN	2307	P728	Buildings and Improvements	757.11	Webberville Service Center Building Plumbing Rehabilitation	-	-	-	-	75,000	75,000
Wastewater	PLAN	2307	P729	Buildings and Improvements	757.111	Tim Louviere Service Center Bldg. Envelope and Roof/Gutter Rehabilitation	-	-	-	-	60,000	60,000
Wastewater	PLAN	2307	P732	Buildings and Improvements	757.112	Waller Creek Center Won Door Replacement	-	-	-	-	150,000	150,000
Wastewater	PLAN	2307	P733	Buildings and Improvements	757.113	Tim Louviere Service Center Facility Re-Key	-	-	15,000	-	-	15,000
Wastewater	PLAN	2307	P736	Buildings and Improvements	757.116	Webberville Service Center Generator and Transfer Switch	-	-	-	90,000	500,000	590,000
Wastewater	PLAN	2307	P737	Buildings and Improvements	757.117	North Service Center Restroom and Shower Rehabilitation	-	5,000	-	-	-	5,000
Wastewater	PLAN	2307	P746	Buildings and Improvements	757.12	South First Center Liebert Mini Splits Renewal	22,500	-	-	-	-	22,500
Wastewater	PLAN	2307	P754	Buildings and Improvements	757.122	South Service Center Additional Parking Area	-	-	-	37,500	-	37,500
Wastewater	PLAN	2307	P755	Buildings and Improvements	757.123	South Service Center Staircase Addition	-	-	-	30,000	-	30,000
Wastewater	PLAN	2307	P760	Buildings and Improvements	757.125	South Service Center Covered Parking Bays	-	-	62,500	-	-	62,500
Wastewater	4480	2307	5081	Buildings and Improvements	757.126	Waller Creek Center Parking Garage Stairwell Inspection	60,000	-	-	-	-	60,000
Wastewater	PLAN	2307	P759	Buildings and Improvements	757.127	South Service Center Building 800 Enclosure	-	-	45,000	-	-	45,000
Wastewater	PLAN	2307	P767	Buildings and Improvements	757.128	South Service Center Fire Alarm Replacement	-	-	45,000	-	-	45,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P769	Buildings and Improvements	757.13	South Service Center Window Replacement	-	-	75,000	-	-	75,000
Wastewater	PLAN	2307	P771	Buildings and Improvements	757.132	South Service Center Signage Rehabilitation	-	7,500	-	-	-	7,500
Wastewater	PLAN	2307	P772	Buildings and Improvements	757.133	South Service Center Parking Area Rehabilitation	-	-	-	5,000	-	5,000
Wastewater	PLAN	2307	P774	Buildings and Improvements	757.135	South Service Center Exterior Painting	-	-	50,000	-	-	50,000
Wastewater	PLAN	2307	P615	Buildings and Improvements	3257.002	Austin Water Building Facilities Improvements Future Program	-	-	-	-	1,073,000	1,073,000
Wastewater	PLAN	2307	P461	Buildings and Improvements	3257.003	Austin Water Laboratory Facility	-	-	-	-	100,000	100,000
Wastewater	PLAN	2307	P839	Buildings and Improvements	3257.004	Systems Operations Center Planning Study	125,000	125,000	-	-	-	250,000
<b>Buildings and Improvements Total</b>							<b>2,043,371</b>	<b>429,500</b>	<b>1,135,000</b>	<b>1,794,500</b>	<b>2,205,500</b>	<b>7,607,871</b>
Wastewater	PLAN	2307	P206	Information Technology	2056.012	Austin Water Telecommunications System Upgrade Study	50,000	100,000	-	-	-	150,000
Wastewater	4480	2307	8993	Information Technology	3159.003	Laboratory Information Management System	25,000	25,000	100,000	25,000	25,000	200,000
Wastewater	4480	2307	8065	Information Technology	3159.01	Pipeline Computerized Maintenance Management System Upgrade	125,000	112,500	225,000	112,500	112,500	687,500
Wastewater	4480	2307	9146	Information Technology	3159.011	Facility Computerized Maintenance Management System Upgrade	37,500	37,500	37,500	37,500	37,500	187,500
Wastewater	4480	2307	8066	Information Technology	3159.012	Geographic Information Systems Technology Improvements	-	-	-	-	-	-
Wastewater	4480	2307	8067	Information Technology	3159.013	Data Analytics Software Implementation	100,000	50,000	50,000	45,000	37,500	282,500
Wastewater	4480	2307	8070	Information Technology	3159.016	Computing Hardware Replacement	-	-	-	-	-	-
Wastewater	4480	2307	8069	Information Technology	3159.017	Network and Wireless Hardware Replacement	-	-	-	-	-	-
Wastewater	4480	2307	9140	Information Technology	3159.021	Mobile Workforce Technology	112,500	112,500	112,500	112,500	112,500	562,500
Wastewater	4480	2307	4991	Information Technology	3159.025	Collaboration Software Implementation	75,000	75,000	75,000	75,000	75,000	375,000
Wastewater	4480	2307	5014	Information Technology	3159.026	Permitting Software Upgrade (AMANDA)	30,000	15,000	15,000	15,000	15,000	90,000
Wastewater	4480	2307	4996	Information Technology	3159.027	Environmental Compliance Software Upgrade	20,000	10,000	10,000	10,000	-	50,000
Wastewater	PLAN	2307	P555	Information Technology	3159.028	Server and Enterprise Storage Replacement (FY20-FY24)	400,000	50,000	25,000	25,000	25,000	525,000
Wastewater	PLAN	2307	P556	Information Technology	3159.029	Wireless Network Installations	162,500	-	-	-	-	162,500
Wastewater	PLAN	2307	P557	Information Technology	3159.03	Wireless Network Replacements (FY21-FY25)	-	75,000	75,000	75,000	75,000	300,000
Wastewater	PLAN	2307	P558	Information Technology	3159.031	PC Refresh (FY19-24)	325,000	325,000	325,000	325,000	325,000	1,625,000
Wastewater	PLAN	2307	P559	Information Technology	3159.032	Core Network and Data Center Replacement (FY19-FY25)	150,000	200,000	200,000	200,000	200,000	950,000
Wastewater	PLAN	2307	P560	Information Technology	3159.033	Disaster Recovery and Data Archive Replacements (FY19-FY22)	12,500	50,000	50,000	-	-	112,500
Wastewater	4480	2307	5115	Information Technology	3159.034	Geographic Information System Data Model	200,000	-	-	-	-	200,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P562	Information Technology	3159.035	Geographic Information System Equipment (FY19-FY23)	50,000	50,000	50,000	50,000	-	200,000
Wastewater	PLAN	2307	P563	Information Technology	3159.036	Geographic Information System Upgrade (FY19-FY23)	60,000	165,000	160,000	160,000	-	545,000
Wastewater	PLAN	2307	P564	Information Technology	3159.037	Disaster Recovery and Data Archive Replacements (FY23-FY27)	-	-	-	175,000	12,500	187,500
Wastewater	4480	2307	5029	Information Technology	3159.038	Pipeline Inspection System Upgrade	12,500	12,500	-	-	-	25,000
Wastewater	4480	2307	4915	Information Technology	6621.021	Glen Bell Service Center Stores Security Upgrade	-	-	-	-	-	-
Wastewater	PLAN	2307	P430	Information Technology	6621.023	Glen Bell Service Center Security Conversion	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P432	Information Technology	6621.026	Security Operations Center (SOC) Expansion at Waller Creek Center	-	-	-	-	40,000	40,000
Wastewater	PLAN	2307	P435	Information Technology	6621.027	Waller Creek Center Security System Conversion	-	-	-	-	-	-
Wastewater	4480	2307	4965	Information Technology	6621.029	North Service Center & Annex Security System Upgrade	-	-	-	-	-	-
Wastewater	PLAN	2307	P438	Information Technology	6621.03	Tim Louviere Service Center Security System Upgrade	-	15,000	-	-	-	15,000
Wastewater	PLAN	2307	P440	Information Technology	6621.036	Webberville Service Center Security System Upgrade	-	-	25,000	-	-	25,000
<b>Information Technology Total</b>							<b>2,097,500</b>	<b>1,480,000</b>	<b>1,535,000</b>	<b>1,442,500</b>	<b>1,092,500</b>	<b>7,647,500</b>
Wastewater	4480	2307	8231	Lift Stations	2056.006	Water Distribution and Lift Station SCADA Improvements Phase I	55,000	215,000	-	-	-	270,000
Wastewater	4480	2307	4885	Lift Stations	2056.007	Water Distribution Lift Station SCADA Improvements Phase II	200,000	400,000	25,000	300,000	400,000	1,325,000
Wastewater	4480	2307	4912	Lift Stations	2056.01	Supervisory Control and Data Acquisition Improvements Contract FY17-21	55,000	15,000	-	-	-	70,000
Wastewater	PLAN	2307	P512	Lift Stations	2056.014	Supervisory Control and Data Acquisition Improvements Contract FY21-26	-	50,000	50,000	50,000	50,000	200,000
Wastewater	PLAN	2307	P152	Lift Stations	3168.033	South Area Lift Station Improvements Bluffington #1 Force Main Replacement	45,000	-	-	-	-	45,000
Wastewater	4570	2307	4897	Lift Stations	3168.057	Rock Harbour Lift Station Improvements	141,000	570,000	550,000	550,000	550,000	2,361,000
Wastewater	PLAN	2307	P059	Lift Stations	3168.059	South Area Lift Station Improvements: Pearce Lane Upgrade & New Force Main	100,000	150,000	150,000	150,000	100,000	650,000
Wastewater	PLAN	2307	P184	Lift Stations	3168.064	Northwest Area Lift Station Improvements: Four Points #1 Lift Station	-	22,500	175,500	252,000	135,000	585,000
Wastewater	PLAN	2307	P155	Lift Stations	3168.065	West Bank Redundant Force Main	50,000	-	-	-	-	50,000
Wastewater	PLAN	2307	P032	Lift Stations	3168.07	South Area Lift Station Improvements: Springfield Force Main Replacement	-	-	-	200,000	225,000	425,000
Wastewater	PLAN	2307	P036	Lift Stations	3168.074	Northwest Area Lift Station Improvements Four Points #2 Lift Station	80,000	368,000	352,000	240,000	720,000	1,760,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P199	Lift Stations	3168.076	South Area Lift Station Improvements: Barton Creek Plaza	150,000	200,000	250,000	250,000	250,000	1,100,000
Wastewater	4480	2307	4715	Lift Stations	3168.077	Gonzales Lift Station Abandonment	2,000	-	-	-	-	2,000
Wastewater	PLAN	2307	P205	Lift Stations	3168.078	Northwest Area Lift Station Improvements Great Hills Lift Station	100,000	-	-	-	-	100,000
Wastewater	PLAN	2307	P251	Lift Stations	3168.085	Northwest Area Lift Station Improvements: Boulder Lane Lift Station	90,000	183,000	221,000	426,500	426,500	1,347,000
Wastewater	PLAN	2307	P252	Lift Stations	3168.086	Northwest Area Lift Station Improvements Spring Lake #2 Lift Station	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P254	Lift Stations	3168.087	South Area Lift Station Improv.: Travis Country Lift Station	100,000	80,000	20,000	20,000	20,000	240,000
Wastewater	PLAN	2307	P257	Lift Stations	3168.09	Davenport Limited Lift Station Improvements	-	-	-	-	50,000	50,000
Wastewater	PLAN	2307	P258	Lift Stations	3168.091	Loop 360 Lift Station Improvements	-	-	-	-	50,000	50,000
Wastewater	PLAN	2307	P259	Lift Stations	3168.092	Old Lampasas Lift Station Improvements	-	-	-	-	50,000	50,000
Wastewater	PLAN	2307	P281	Lift Stations	3168.115	Coomer Path Lift Station Pump Upgrades	200,000	-	-	-	-	200,000
Wastewater	PLAN	2307	P296	Lift Stations	3168.118	Northwest Area Lift Station Improvements: Four Points Center Lift Station	5,800	20,000	230,000	325,000	20,378	601,178
Wastewater	PLAN	2307	P297	Lift Stations	3168.119	Bull Creek Area Lift Station Improvements	-	-	-	-	20,000	20,000
Wastewater	4480	2307	4788	Lift Stations	3168.125	South Area Lift Station Improvements: Springfield Lift Station Mitigation	250,000	250,000	-	-	-	500,000
Wastewater	4480	2307	4866	Lift Stations	3168.136	Hills of Bear Creek Lift Station Jib Crane Installation	25,000	-	-	-	-	25,000
Wastewater	4480	2307	5103	Lift Stations	3168.138	Southland Oaks Wet Well Conversion	120,000	150,000	-	-	-	270,000
Wastewater	4480	2307	4877	Lift Stations	3168.139	Travis Country Lift Station Improvement - Pump Installation	-	-	-	-	-	-
Wastewater	4480	2307	4924	Lift Stations	3168.144	Riva Ridge Lift Station Emergency Electrical Repairs	-	-	-	-	-	-
Wastewater	4480	2307	5048	Lift Stations	3168.155	Lift Stations Automatic Transfer Switch Replacement	-	-	-	-	-	-
Wastewater	4480	2307	5067	Lift Stations	3168.157	Riva Ridge Lift Station Power Distribution Improvements	150,000	-	-	-	-	150,000
Wastewater	4480	2307	5094	Lift Stations	3168.159	Pearce Lane Lift Station 2 Emergency Generator Installation	-	-	-	-	-	-
Wastewater	PLAN	2307	P667	Lift Stations	3168.16	Bintliff Lift Station Emergency Generator Installation	250,000	-	-	-	-	250,000
Wastewater	PLAN	2307	P277	Lift Stations	3168.161	Lift Station Improvements Future Program	85,000	-	-	-	-	85,000
Wastewater	PLAN	2307	P806	Lift Stations	3168.164	Travis Country Lift Station Emergency Generator Installation	250,000	-	-	-	-	250,000
Wastewater	PLAN	2307	P761	Lift Stations	3168.165	Fort Dessau Lift Station Force Main and Pump Upgrades	-	-	50,000	100,000	150,000	300,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P782	Lift Stations	3168.166	Dessau Lift Station Wet Well Slab Restoration	-	-	-	-	-	-
Wastewater	PLAN	2307	P796	Lift Stations	3168.167	Lift Stations Safety Disconnects Installation	50,000	50,000	-	-	-	100,000
Wastewater	PLAN	2307	P807	Lift Stations	3168.168	Tracor Lift Station Emergency Generator Installation	-	250,000	-	-	-	250,000
Wastewater	PLAN	2307	P808	Lift Stations	3168.169	Brittlyn's Court Lift Station Emergency Generator Installation	-	250,000	-	-	-	250,000
Wastewater	PLAN	2307	P809	Lift Stations	3168.17	Barrington Oaks Lift Station Emergency Generator Installation	-	-	250,000	-	-	250,000
Wastewater	PLAN	2307	P781	Lift Stations	3168.171	Lift Stations SCADA Equipment Replacement	500,000	500,000	500,000	500,000	500,000	2,500,000
Wastewater	4480	2307	5105	Lift Stations	3168.172	Ringtail Ridge Lift Station Rehabilitation	185,000	-	-	-	-	185,000
Wastewater	PLAN	2307	P830	Lift Stations	3168.173	Springfield Lift Station Force Main Assessment	-	-	-	-	-	-
Wastewater	4480	2307	8473	Lift Stations	6943.025	Boggy Creek Lift Station Force Main Extension	100,000	100,000	375,000	650,000	715,000	1,940,000
<b>Lift Stations Total</b>							<b>3,488,800</b>	<b>3,823,500</b>	<b>3,198,500</b>	<b>4,013,500</b>	<b>4,431,878</b>	<b>18,956,178</b>
Wastewater	4480	2307	4776	Planning/Studies	6659.002	Cost of Service Rate Study	-	-	-	-	-	-
<b>Planning/Studies Total</b>							<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Wastewater	4680	2307	8677	Vehicles and Equipment	3185.002	Capital Equipment - Vehicles	-	-	-	-	-	-
Wastewater	4480	2307	4994	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	-	-	-	-	-	-
Wastewater	4480	2307	5031	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	-	-	-	-	-	-
Wastewater	4480	2307	5032	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	1,500,000	-	-	-	-	1,500,000
Wastewater	PLAN	2307	P609	Vehicles and Equipment	3185.007	Capital Equipment - Vehicles	-	1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
<b>Vehicles and Equipment Total</b>							<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,500,000</b>
Wastewater	4480	2307	4904	Wastewater Pipe Network	1255.021	Blocks 2 & 4 Odor Abatement	-	-	-	-	-	-
Wastewater	4480	2307	4749	Wastewater Pipe Network	2056.008	Annexation Telemetry River Place, Lost Creek, and Shady Hollow	252,000	-	-	-	-	252,000
Wastewater	4480	2307	5091	Wastewater Pipe Network	2231.093	Southwest Allandale Neighborhood Water and Wastewater System Upgrades	116,571	116,571	174,420	192,780	137,700	738,042
Wastewater	4570	2307	4852	Wastewater Pipe Network	2231.109	East Allandale White Rock Neighborhood System Rehabilitation	170,000	250,000	300,000	345,000	-	1,065,000
Wastewater	4570	2307	8523	Wastewater Pipe Network	2231.181	East Austin Wastewater Line Improvements	1,450	-	-	-	-	1,450
Wastewater	4570	2307	8717	Wastewater Pipe Network	2231.197	Nueces Wastewater Rehab for W 8th to MLK	131,500	30,453	-	-	-	161,953
Wastewater	4480	2307	8496	Wastewater Pipe Network	2231.211	Real Estate Services-Existing Wastewater Pipelines	10,000	10,000	10,000	10,000	10,000	50,000
Wastewater	4570	2307	4929	Wastewater Pipe Network	2231.217	University Avenue Alley Water and Wastewater Pipeline Improvements	92,521	92,521	658,100	129,550	129,550	1,102,242
Wastewater	4480	2307	4655	Wastewater Pipe Network	2231.226	Rehab of Wastewater lines through Trenchless Process EPA SAAP Grant	-	-	-	-	-	-
Wastewater	4480	2307	4612	Wastewater Pipe Network	2231.231	Wastewater Renewal Program Manholes FY16-19	-	-	-	-	-	-



**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	4570	2307	4908	Wastewater Pipe Network	2231.233	Brentwood/Arcadia Avenue Water and Wastewater Pipeline Renewal	277,193	1,582,498	1,248,578	-	-	3,108,269
Wastewater	4480	2307	4933	Wastewater Pipe Network	2231.234	Rosedale/Lawnmont Avenue Water and Wastewater Pipeline Renewal	25,000	225,500	195,500	154,500	130,500	731,000
Wastewater	4570	2307	4863	Wastewater Pipe Network	2231.236	Morrow and Gault Water & Wastewater Pipeline Renewal	320,000	1,605,000	1,720,000	823,000	400,000	4,868,000
Wastewater	4480	2307	4658	Wastewater Pipe Network	2231.237	Exposition Blvd (W. 35th to Enfield) Water & Wastewater Pipeline Renewal	166,360	39,000	-	-	-	205,360
Wastewater	4570	2307	4907	Wastewater Pipe Network	2231.238	North Tarrytown Water and Wastewater Pipeline Renewal	172,500	182,000	184,239	100,000	50,000	688,739
Wastewater	4480	2307	5078	Wastewater Pipe Network	2231.239	South Tarrytown Water & Wastewater Pipeline Renewal	160,334	178,149	260,000	260,000	260,000	1,118,483
Wastewater	4480	2307	4982	Wastewater Pipe Network	2231.24	Old Enfield Water & Wastewater Pipeline Renewal: Newfield Lane Area	73,714	73,714	367,649	174,149	87,074	776,300
Wastewater	4480	2307	4813	Wastewater Pipe Network	2231.263	Evaluation of Siphon Boxes on Walnut Creek 72	-	-	-	-	-	-
Wastewater	4570	2307	4760	Wastewater Pipe Network	2231.266	Wastewater Collection System Replacement Lines - North	185,000	150,000	-	-	-	335,000
Wastewater	4570	2307	4765	Wastewater Pipe Network	2231.266	Wastewater Collection System Replacement Lines - North	367,000	1,800,000	300,000	-	-	2,467,000
Wastewater	4480	2307	4873	Wastewater Pipe Network	2231.268	Large Wastewater Interceptors Assessment - Pilot	20,000	-	-	-	-	20,000
Wastewater	4570	2307	4844	Wastewater Pipe Network	2231.273	West Allandale and Trailridge Drive Utility Line Renewal	632,000	1,544,500	282,180	-	-	2,458,680
Wastewater	4480	2307	4816	Wastewater Pipe Network	2231.274	Schulle Branch Creek Aerial Wastewater Pipeline Crossing Renewal	80,000	61,000	510,000	210,000	-	861,000
Wastewater	4480	2307	4819	Wastewater Pipe Network	2231.275	Wastewater Line Renewal And Spot Rehab Service Contract (2017 to 2019)	-	-	-	-	-	-
Wastewater	4480	2307	4919	Wastewater Pipe Network	2231.28	Town Lake Basin Wastewater Pipeline Improvements - Group A	10,000	80,000	130,000	100,000	100,000	420,000
Wastewater	4570	2307	4976	Wastewater Pipe Network	2231.281	Hyde Park Water & Wastewater Pipeline Rehabilitation	160,000	110,000	110,000	150,000	150,000	680,000
Wastewater	4570	2307	4986	Wastewater Pipe Network	2231.285	Asbestos Cement Water Pipe and Wastewater Line Replacement (Northeast)	250,639	573,057	375,042	945	-	1,199,683
Wastewater	4570	2307	4926	Wastewater Pipe Network	2231.287	Vargas Neighborhood Water and Wastewater Pipeline Rehabilitation	112,989	112,988	1,127,061	266,936	133,468	1,753,442
Wastewater	4570	2307	4950	Wastewater Pipe Network	2231.288	Ross Road at Del Valle High School	-	-	-	-	-	-
Wastewater	4480	2307	5019	Wastewater Pipe Network	2231.291	Zilker Water and Wastewater Pipeline Rehabilitation	282,861	1,692,926	400,956	200,479	200,479	2,777,701
Wastewater	4480	2307	5043	Wastewater Pipe Network	2231.294	Barton Hills Water & Wastewater Pipeline Renewal: Horseshoe Bend Area	13,197	13,197	16,218	3,841	3,841	50,294
Wastewater	4570	2307	4997	Wastewater Pipe Network	2231.298	Harmon Avenue Area Water & Wastewater Renewal	138,286	1,379,400	326,700	163,350	163,350	2,171,086
Wastewater	4570	2307	4892	Wastewater Pipe Network	2231.301	Wastewater Line Renewal And Spot Rehab Service Contract (2020 to 2022)	2,870,000	3,370,000	2,595,000	1,000,000	-	9,835,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	4570	2307	4956	Wastewater Pipe Network	2231.302	Academy Drive Water & Wastewater Pipeline Renewal	89,600	89,600	220,248	173,880	173,880	747,208
Wastewater	4570	2307	4957	Wastewater Pipe Network	2231.303	La Casa Drive Water and Wastewater Pipeline Renewal	20,174	20,174	165,300	39,150	39,150	283,948
Wastewater	4570	2307	4958	Wastewater Pipe Network	2231.304	Beverly Road Water and Wastewater Pipeline Renewal	36,870	36,870	181,260	71,550	71,550	398,100
Wastewater	4480	2307	4893	Wastewater Pipe Network	2231.305	Fort Upper Basin Wastewater Pipeline Renewal	130,000	134,200	224,667	224,667	624,667	1,338,201
Wastewater	4570	2307	4894	Wastewater Pipe Network	2231.306	In Situ Wastewater Pipeline Renewal Group B	100,000	-	-	-	-	100,000
Wastewater	4480	2307	5076	Wastewater Pipe Network	2231.307	Rosedale North Water and Wastewater Pipeline Renewal Phase 2	120,807	119,807	232,571	216,571	1,213,428	1,903,184
Wastewater	4570	2307	4964	Wastewater Pipe Network	2231.308	West 17th Street Water & Wastewater Pipeline Rehabilitation	50,000	100,000	100,000	100,000	100,000	450,000
Wastewater	4570	2307	5064	Wastewater Pipe Network	2231.311	Wilshire Blvd Area Water & Wastewater Pipeline Rehabilitation	80,000	80,000	80,000	80,000	400,000	720,000
Wastewater	PLAN	2307	P579	Wastewater Pipe Network	2231.313	Truman Heights Water & Wastewater Pipeline Rehabilitation	80,000	100,000	100,000	100,000	200,000	580,000
Wastewater	4570	2307	4951	Wastewater Pipe Network	2231.314	In Situ Wastewater Line Renewal Program (2018 to 2020)	980,000	925,000	925,000	100,000	-	2,930,000
Wastewater	PLAN	2307	P580	Wastewater Pipe Network	2231.318	Brentwood Water and Wastewater Pipeline Rehabilitation - Koenig North	240,000	240,000	600,000	796,500	520,000	2,396,500
Wastewater	PLAN	2307	P446	Wastewater Pipe Network	2231.32	Williamson Basin Wastewater Pipeline Rehabilitation - Phase 1	112,000	130,015	130,015	130,015	609,250	1,111,295
Wastewater	PLAN	2307	P447	Wastewater Pipe Network	2231.321	Buttermilk Basin Wastewater Pipelines Renewal	10,000	20,000	50,000	50,000	100,000	230,000
Wastewater	PLAN	2307	P834	Wastewater Pipe Network	2231.323	Boggy Lower Basin Wastewater Pipeline Renewal	20,000	150,000	200,000	200,000	500,000	1,070,000
Wastewater	4570	2307	4990	Wastewater Pipe Network	2231.327	Bull Creek Basin Wastewater Pipelines Renewal	211,029	211,059	120,000	498,555	250,000	1,290,643
Wastewater	4480	2307	5073	Wastewater Pipe Network	2231.327	Bull Creek Basin Wastewater Pipelines Renewal	137,542	137,521	10,000	324,945	162,500	772,508
Wastewater	4480	2307	5025	Wastewater Pipe Network	2231.331	Sunny Lane Water and Wastewater Pipeline Replacement	7,992	139,094	65,712	39,960	-	252,758
Wastewater	PLAN	2307	P613	Wastewater Pipe Network	2231.332	West 35th Street Water and Wastewater System Rehabilitation	18,000	19,000	148,000	35,000	35,000	255,000
Wastewater	PLAN	2307	P525	Wastewater Pipe Network	2231.333	Zilker Water and Wastewater Pipeline Rehabilitation Phase 2	40,000	40,000	40,000	40,000	200,000	360,000
Wastewater	4480	2307	4972	Wastewater Pipe Network	2231.334	Bryker Road Water and Wastewater Replacement	20,390	52,536	354,878	167,654	101,952	697,410
Wastewater	4480	2307	4974	Wastewater Pipe Network	2231.339	West 9th and 12th Streets Water and Wastewater Replacement	20,000	100,000	400,000	140,400	140,400	800,800
Wastewater	PLAN	2307	P521	Wastewater Pipe Network	2231.341	38th and 40th Streets Water and Wastewater Pipeline Rehabilitation	1,000	1,000	1,000	1,000	1,000	5,000
Wastewater	PLAN	2307	P775	Wastewater Pipe Network	2231.342	Garden Villa Lane Water Pipeline Replacement	100	10,000	10,000	25,000	100,000	145,100
Wastewater	PLAN	2307	P611	Wastewater Pipe Network	2231.343	Renewal of Critical Wastewater Assets – Walnut Basins	10,000	50,000	50,000	100,000	300,000	510,000



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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P589	Wastewater Pipe Network	3212.167	Travis County Utility Relocation: South Pleasant Valley Road	-	-	5,000	5,000	5,000	15,000
Wastewater	4480	2307	5112	Wastewater Pipe Network	3212.174	Miscellaneous Pavement Improvements FY19-23	10,000	10,000	10,000	10,000	-	40,000
Wastewater	PLAN	2307	P690	Wastewater Pipe Network	3212.175	Miscellaneous Pavement Improvements FY24-28	-	-	-	-	10,000	10,000
Wastewater	PLAN	2307	P802	Wastewater Pipe Network	3212.178	TxDOT Loop 360 at Westlake Drive Water & Wastewater Relocation	50,000	50,000	400,000	400,000	500,000	1,400,000
Wastewater	4480	2307	5087	Wastewater Pipe Network	3212.179	TxDOT US 290 at Oak Hill Parkway Water & Wastewater Lines Relocation	20,000	500,000	500,000	250,000	250,000	1,520,000
Wastewater	PLAN	2307	P804	Wastewater Pipe Network	3212.18	TxDOT Loop 360 at Spicewood Springs Road Water & Wastewater Relocation	50,000	50,000	350,000	350,000	100,000	900,000
Wastewater	4570	2307	4825	Wastewater Pipe Network	3353.095	Whisper Valley and Indian Hills Public Improvement Districts	-	-	-	-	-	-
Wastewater	4570	2307	3014	Wastewater Pipe Network	3353.098	Block 18 Alley Wastewater Relocation	403,869	-	-	-	-	403,869
Wastewater	4570	2307	4762	Wastewater Pipe Network	3353.107	Bella Fortuna Wastewater Interceptor (formerly Buratti Subdivision)	-	-	-	-	-	-
Wastewater	4480	2307	5022	Wastewater Pipe Network	3353.114	Lenox Oaks	-	-	-	-	-	-
Wastewater	4570	2307	4975	Wastewater Pipe Network	3353.115	Austin Community College Wastewater Line E (SER-3145)	-	-	-	-	-	-
Wastewater	4570	2307	8421	Wastewater Pipe Network	4769.011	Upper Harris Branch Wastewater Improvements	395,000	395,000	395,000	395,000	2,720,000	4,300,000
Wastewater	PLAN	2307	P537	Wastewater Pipe Network	4769.022	Upper Harris Branch Interceptor East	156,612	10,000	522,039	522,039	522,039	1,732,729
Wastewater	PLAN	2307	P538	Wastewater Pipe Network	4769.023	Dessau Wastewater Treatment Plant Relief Interceptor	11,004	-	-	-	-	11,004
Wastewater	PLAN	2307	P021	Wastewater Pipe Network	4857.03	Shady Hollow MUD	25,000	30,000	30,000	30,000	30,000	145,000
Wastewater	4480	2307	4890	Wastewater Pipe Network	5754.086	Little Walnut Creek – Flood Risk Reduction from Metric to Rutland	350,000	920,000	530,000	130,000	-	1,930,000
Wastewater	4480	2307	5023	Wastewater Pipe Network	5873.012	Red Bud Trail Bridge over Lady Bird Lake	9,080	9,080	9,080	9,080	-	36,320
Wastewater	4570	2307	4952	Wastewater Pipe Network	6935.037	Highland Park Water and Wastewater Improvements	364,130	760,000	760,000	810,000	808,771	3,502,901
Wastewater	PLAN	2307	P062	Wastewater Pipe Network	6943.003	Upper Tannehill Wastewater Interceptor Improvements Phase 2: Berkman Drive	-	-	200,000	300,000	300,000	800,000
Wastewater	4570	2307	8836	Wastewater Pipe Network	6943.004	Parmer Lane Interceptor	6,927,391	4,521,043	-	-	-	11,448,434
Wastewater	PLAN	2307	P248	Wastewater Pipe Network	6943.016	Sanitary Sewer Evaluation Study - Govalle Tunnel Areas	20,000	350,000	350,000	-	-	720,000
Wastewater	4480	2307	4954	Wastewater Pipe Network	6943.02	Walnut Creek Wastewater Plant to South Austin Regional WWTP Flow Transfer	200,000	-	-	-	-	200,000
Wastewater	PLAN	2307	P176	Wastewater Pipe Network	6943.023	Lower Waller Interceptor	-	-	-	10,000	483,000	493,000
Wastewater	4570	2307	4895	Wastewater Pipe Network	6943.025	Boggy Creek Lift Station Force Main Extension	270,000	270,000	270,000	450,000	678,000	1,938,000
Wastewater	4480	2307	4809	Wastewater Pipe Network	6943.026	Barton Creek Plaza Lift Station Downstream Improvements	853,000	1,583,000	480,000	-	-	2,916,000
Wastewater	4480	2307	4936	Wastewater Pipe Network	6943.027	Crosstown Tunnel Centralized Odor Control Facility	678,000	751,000	642,000	622,000	622,000	3,315,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P208	Wastewater Pipe Network	6943.028	Onion Creek Tunnel Odor/Corrosion Control Improvements	-	-	-	10,000	50,000	60,000
Wastewater	4570	2307	4849	Wastewater Pipe Network	6943.031	Williamson Creek Wastewater Interceptor	1,783,508	5,350,524	13,337,538	8,224,815	4,112,408	32,808,793
Wastewater	4570	2307	4698	Wastewater Pipe Network	6943.032	Four Points Center Force Main Improvements	80,000	-	-	-	-	80,000
Wastewater	4570	2307	4767	Wastewater Pipe Network	6943.034	Carson Creek Basin Wastewater Line Improvements	1,289,000	621,000	-	-	-	1,910,000
Wastewater	4480	2307	4810	Wastewater Pipe Network	6943.035	FM 973 Wastewater Line Improvements	-	-	-	-	-	-
Wastewater	PLAN	2307	P422	Wastewater Pipe Network	6943.037	Waller Upper Basin Wastewater Improvements	-	-	-	-	-	-
Wastewater	PLAN	2307	P423	Wastewater Pipe Network	6943.038	Shoal Upper Basin South Wastewater Improvements	-	-	-	-	-	-
Wastewater	PLAN	2307	P424	Wastewater Pipe Network	6943.039	Shoal Upper Basin North Wastewater Improvements	-	-	-	-	-	-
Wastewater	PLAN	2307	P293	Wastewater Pipe Network	6943.041	Barrington Oaks Downstream Gravity Improvements Phase 2	-	-	20,000	200,000	200,000	420,000
Wastewater	4480	2307	4800	Wastewater Pipe Network	6943.042	Sanitary Sewer Evaluation Study - Crosstown Tunnel Area	-	-	-	-	-	-
Wastewater	4480	2307	4803	Wastewater Pipe Network	6943.043	Harpers Branch Creek Interceptor	-	-	-	-	-	-
Wastewater	PLAN	2307	P091	Wastewater Pipe Network	6943.044	Sanitary Sewer Evaluation Study - Onion Tunnel Area	-	-	20,000	400,000	400,000	820,000
Wastewater	4480	2307	5077	Wastewater Pipe Network	6943.045	Upper Boggy West Wastewater Line Improvements- Phase 1	100,000	600,000	200,000	850,000	1,700,000	3,450,000
Wastewater	4480	2307	4832	Wastewater Pipe Network	6943.046	Sanitary Sewer Evaluation Study - Walnut and Little Walnut Basins	-	-	-	-	-	-
Wastewater	4480	2307	4984	Wastewater Pipe Network	6943.047	Review and Overview of the Wastewater Collection System	-	-	-	-	-	-
Wastewater	PLAN	2307	P171	Wastewater Pipe Network	6943.049	Thousand Oaks Interceptor	20,000	200,137	667,124	667,124	667,124	2,221,509
Wastewater	4570	2307	4903	Wastewater Pipe Network	6943.05	Onion Creek Odor Control Facility Stream Bank Stabilization	30,000	25,000	-	-	-	55,000
Wastewater	4570	2307	4947	Wastewater Pipe Network	6943.051	Walnut Interceptor Odor and Corrosion Improvements	155,429	194,286	194,286	388,570	867,429	1,800,000
Wastewater	4480	2307	4979	Wastewater Pipe Network	6943.052	Boggy Lower Basin Inflow and Infiltration Study & Improvements	22,000	-	-	-	-	22,000
Wastewater	4570	2307	4923	Wastewater Pipe Network	6943.053	Burrell Drive Wastewater Improvements	710,000	-	-	-	-	710,000
Wastewater	4570	2307	4870	Wastewater Pipe Network	6943.055	Southland Oaks Wastewater Improvements	791,000	1,280,000	553,000	-	-	2,624,000
Wastewater	4480	2307	5083	Wastewater Pipe Network	6943.056	Upper Tannehill Wastewater Interceptor Improvements Phase 1:Morris Williams	100,000	500,000	300,000	1,030,000	2,060,000	3,990,000
Wastewater	PLAN	2307	P507	Wastewater Pipe Network	6943.057	Upper Lake Creek Wastewater Improvements	-	-	300,000	400,000	100,000	800,000
Wastewater	PLAN	2307	P602	Wastewater Pipe Network	6943.063	FM 969 Wastewater Improvements Phase 1	200,000	800,000	-	-	500,000	1,500,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P838	Wastewater Pipe Network	6943.066	Lake and Rattan Area Wastewater and Reuse Plan	100,000	100,000	-	-	-	200,000
Wastewater	4570	2307	4703	Wastewater Pipe Network	6961.002	Colorado St. Reconstruction and Utility Adjustments from 7th St to 10th St	-	-	-	-	-	-
Wastewater	4570	2307	4772	Wastewater Pipe Network	9083.006	Waller Creek District - Sabine St. Promenade	11,000	-	-	-	-	11,000
<b>Wastewater Pipe Network Total</b>							<b>26,561,142</b>	<b>38,915,420</b>	<b>37,524,361</b>	<b>25,448,005</b>	<b>26,009,510</b>	<b>154,458,438</b>
Wastewater	4480	2307	4719	Wastewater Treatment Plants	2056.009	Supervisory Control and Data Acquisition (SCADA) Cyber Security Remediation	160,000	160,000	160,000	160,000	160,000	800,000
Wastewater	4480	2307	4911	Wastewater Treatment Plants	2056.01	Supervisory Control and Data Acquisition Improvements Contract FY17-21	205,000	55,000	-	-	-	260,000
Wastewater	4480	2307	8105	Wastewater Treatment Plants	2056.011	Supervisory Control and Data Acquisition Data Integration	-	-	-	-	-	-
Wastewater	4480	2307	4989	Wastewater Treatment Plants	2056.013	Supervisory Control and Data Acquisition Hardware and Software Replacement	160,000	-	-	-	-	160,000
Wastewater	PLAN	2307	P511	Wastewater Treatment Plants	2056.014	Supervisory Control and Data Acquisition Improvements Contract FY21-26	-	200,000	200,000	200,000	200,000	800,000
Wastewater	PLAN	2307	P027	Wastewater Treatment Plants	3023.019	Walnut Creek Wastewater Treatment Plant Headworks Improvements	318,140	1,060,465	1,060,465	1,060,465	-	3,499,535
Wastewater	4570	2307	8197	Wastewater Treatment Plants	3023.022	Walnut Creek Wastewater Treatment Plant Pumping System Improvements	38,600	118,000	-	-	-	156,600
Wastewater	PLAN	2307	P777	Wastewater Treatment Plants	3023.022	Walnut Creek Wastewater Treatment Plant Pumping System Improvements	2,888,000	6,402,000	4,000,000	-	-	13,290,000
Wastewater	4600	2307	4998	Wastewater Treatment Plants	3023.025	Walnut Creek Wastewater Treatment Plant Tertiary Filter Rehabilitation	6,184,208	1,733,405	-	-	-	7,917,613
Wastewater	4570	2307	4727	Wastewater Treatment Plants	3023.035	Walnut Creek Wastewater Treatment Plant Sludge Thickener Rehab	143,000	25,000	-	-	-	168,000
Wastewater	PLAN	2307	P779	Wastewater Treatment Plants	3023.035	Walnut Creek Wastewater Treatment Plant Sludge Thickener Rehab	4,480,000	2,520,000	-	-	-	7,000,000
Wastewater	PLAN	2307	P051	Wastewater Treatment Plants	3023.036	Walnut Creek Primary Clarifier and Flow Equalization Basin Rehab	318,871	398,588	398,588	797,176	797,176	2,710,399
Wastewater	4480	2307	4662	Wastewater Treatment Plants	3023.039	Walnut Creek Wastewater Treatment Plant Secondary Process Improvements	27,530	-	-	-	-	27,530
Wastewater	4570	2307	8733	Wastewater Treatment Plants	3023.039	Walnut Creek Wastewater Treatment Plant Secondary Process Improvements	2,272,470	6,385,000	8,010,500	3,000,000	-	19,667,970
Wastewater	4480	2307	4730	Wastewater Treatment Plants	3023.041	Walnut Creek Wastewater Treatment Lab and Admin Bldg. HVAC Rehab Phase 1	-	-	-	-	-	-
Wastewater	PLAN	2307	P741	Wastewater Treatment Plants	3023.043	Walnut Creek Alkalinity Delivery	75,000	-	-	-	-	75,000
Wastewater	PLAN	2307	P008	Wastewater Treatment Plants	3023.046	Walnut Creek WWTP Expansion to 100 Million Gallons Per Day	-	3,000,000	8,000,000	16,900,000	8,750,000	36,650,000
Wastewater	PLAN	2307	P276	Wastewater Treatment Plants	3023.059	Walnut Creek Wastewater Treatment Plant (WWTP) Influent Lift Station	200,000	300,000	-	475,000	1,300,000	2,275,000

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	4570	2307	4867	Wastewater Treatment Plants	3023.066	Walnut Creek Wastewater Treatment Plant Gas Scrubber Systems Renewal	825,000	50,000	-	-	-	875,000
Wastewater	4480	2307	4883	Wastewater Treatment Plants	3023.067	Walnut Creek Wastewater Treatment Plant Optimization and Facility Plan	-	-	-	-	-	-
Wastewater	4480	2307	4887	Wastewater Treatment Plants	3023.068	Walnut Creek Wastewater Treatment Plant Process Area Doors Replacement	-	-	-	-	-	-
Wastewater	4480	2307	4888	Wastewater Treatment Plants	3023.069	Walnut Creek Wastewater Treatment Plant Maintenance Storage Building	200,000	-	-	-	-	200,000
Wastewater	4570	2307	4949	Wastewater Treatment Plants	3023.074	Walnut Creek Wastewater Treatment Plant Controls and Network Upgrades	751,400	2,200,700	875,000	-	-	3,827,100
Wastewater	4480	2307	5040	Wastewater Treatment Plants	3023.075	Walnut Creek Wastewater Treatment Plant Sample Receiving Lab Renovation	-	-	-	-	-	-
Wastewater	PLAN	2307	P476	Wastewater Treatment Plants	3023.076	Walnut Creek Wastewater Treatment Plant Garage Door Replacement	30,000	-	-	-	-	30,000
Wastewater	PLAN	2307	P477	Wastewater Treatment Plants	3023.077	Walnut WWTP Maintenance Shop Chiller, Air Handler and Controls Replacement	450,000	-	-	-	-	450,000
Wastewater	4480	2307	5049	Wastewater Treatment Plants	3023.082	Walnut Creek Flow Distribution Box Stair Replacement	130,000	-	-	-	-	130,000
Wastewater	4480	2307	5045	Wastewater Treatment Plants	3023.085	Walnut Creek Modifications to Chlorine Solution Lines	130,000	-	-	-	-	130,000
Wastewater	4480	2307	5047	Wastewater Treatment Plants	3023.086	Walnut Creek Replace Chlorine Solution Lines to Reclaimed Tank	130,000	-	-	-	-	130,000
Wastewater	PLAN	2307	P605	Wastewater Treatment Plants	3023.09	Walnut Creek Wastewater Treatment Plant Air Leak Repair	-	-	-	-	-	-
Wastewater	4480	2307	5030	Wastewater Treatment Plants	3023.092	Walnut Creek WWTP Primary Clarifier Gate Replacements	-	-	-	-	-	-
Wastewater	4480	2307	5037	Wastewater Treatment Plants	3023.094	Walnut Creek Wastewater Treatment Plant Hauled Waste Building Rehab	-	-	-	-	-	-
Wastewater	4480	2307	5082	Wastewater Treatment Plants	3023.096	Walnut Creek WWTP Odor Control Duct Leak Investigation & Rehabilitation	30,000	-	-	-	-	30,000
Wastewater	4480	2307	5075	Wastewater Treatment Plants	3023.097	Walnut Treatment Plant Admin Building Chilled Water System Replacement	-	-	-	-	-	-
Wastewater	PLAN	2307	P747	Wastewater Treatment Plants	3023.099	Walnut Creek Wastewater Treatment Plant Effluent Sample Pump Modifications	20,000	-	-	-	-	20,000
Wastewater	PLAN	2307	P748	Wastewater Treatment Plants	3023.1	Walnut Creek Wastewater Treatment Plant Lab Flooring	30,000	-	-	-	-	30,000
Wastewater	4480	2307	5101	Wastewater Treatment Plants	3023.101	Walnut Creek WWTP Blower Operator Interface Unit Upgrades	50,000	-	-	-	-	50,000
Wastewater	PLAN	2307	P763	Wastewater Treatment Plants	3023.102	Walnut Creek Wastewater Treatment Plant Grit Washer Rehab	200,000	300,000	-	-	-	500,000
Wastewater	PLAN	2307	P765	Wastewater Treatment Plants	3023.103	Walnut Creek WWTP Add Chlorinator and Injector for RAS	60,000	20,000	-	-	-	80,000
Wastewater	PLAN	2307	P798	Wastewater Treatment Plants	3023.104	Walnut Creek Wastewater Treatment Plant FY2020 Minor Renewal Project	500,000	-	-	-	-	500,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	4480	2307	5092	Wastewater Treatment Plants	3023.105	Walnut Creek WWTP WRI High Service Pump 3 Suction Valve Replacement	-	-	-	-	-	-
Wastewater	4570	2307	8036	Wastewater Treatment Plants	3164.048	Hornsby Bend Biosolids Management Plant Side Stream Treatment Plant Relief	3,485,000	6,405,000	2,380,400	-	-	12,270,400
Wastewater	4480	2307	4840	Wastewater Treatment Plants	3164.059	Hornsby Bend Plant Road Renewal	50,000	50,000	50,000	50,000	-	200,000
Wastewater	4570	2307	4680	Wastewater Treatment Plants	3164.062	Hornsby Bend Biosolids Management Plant Thickener Complex Rehabilitation	65,000	45,000	20,000	-	-	130,000
Wastewater	4480	2307	5051	Wastewater Treatment Plants	3164.062	Hornsby Bend Biosolids Management Plant Thickener Complex Rehabilitation	5,415,000	6,340,933	3,936,500	-	-	15,692,433
Wastewater	PLAN	2307	P025	Wastewater Treatment Plants	3164.065	Hornsby Bend Maintenance Lab and Admin Building HVAC Rehab	300,000	250,000	-	-	-	550,000
Wastewater	4570	2307	4667	Wastewater Treatment Plants	3164.07	Hornsby Bend Transfer Pump Station and Irrigation System Improvements	290,000	1,540,000	1,530,000	1,530,000	1,530,000	6,420,000
Wastewater	4570	2307	4668	Wastewater Treatment Plants	3164.072	Hornsby Bend Process Ammonia Removal System	110,000	250,000	270,000	1,340,000	2,620,000	4,590,000
Wastewater	PLAN	2307	P262	Wastewater Treatment Plants	3164.075	Hornsby Bend BioSolids Management Plant Headworks Improvements	110,000	250,000	470,000	1,340,000	2,620,000	4,790,000
Wastewater	4480	2307	4790	Wastewater Treatment Plants	3164.084	Hornsby Bend Biosolids Management Plant Tree Management Plan	63,500	60,000	50,000	50,000	50,000	273,500
Wastewater	4480	2307	4859	Wastewater Treatment Plants	3164.086	Hornsby Bend Biosolids Management Plant Hydrogen Sulfide Removal Tank	-	-	-	-	-	-
Wastewater	4480	2307	4880	Wastewater Treatment Plants	3164.087	Hornsby Bend Biosolids Management Plant Anammox Pilot Study	-	-	-	-	-	-
Wastewater	PLAN	2307	P442	Wastewater Treatment Plants	3164.088	Hornsby Bend Field Irrigation Improvements	-	-	-	-	400,000	400,000
Wastewater	PLAN	2307	P472	Wastewater Treatment Plants	3164.09	Hornsby Bend Biosolids Demolish Abandoned Asbestos-Containing House	-	35,000	-	-	-	35,000
Wastewater	PLAN	2307	P473	Wastewater Treatment Plants	3164.091	Hornsby HVAC Controls Replacement	-	-	-	-	-	-
Wastewater	PLAN	2307	P474	Wastewater Treatment Plants	3164.092	Hornsby Replace Chiller and Air Handlers in Maintenance Shop	-	-	-	-	-	-
Wastewater	4480	2307	4921	Wastewater Treatment Plants	3164.093	Hornsby Bend - Replace Inoperable Doors	70,000	-	-	-	-	70,000
Wastewater	PLAN	2307	P484	Wastewater Treatment Plants	3164.094	Hornsby Bend Drainage Improvements	200,000	500,000	500,000	-	-	1,200,000
Wastewater	PLAN	2307	P485	Wastewater Treatment Plants	3164.095	Hornsby Bend Gas Detection System	200,000	-	-	-	-	200,000
Wastewater	PLAN	2307	P486	Wastewater Treatment Plants	3164.096	Hornsby Bend Boiler Replacements	-	-	-	100,000	1,700,000	1,800,000
Wastewater	4480	2307	5079	Wastewater Treatment Plants	3164.097	Hornsby Bend Biosolids Management Plant SAR Digester Roof Replacement	200,000	-	-	-	-	200,000
Wastewater	PLAN	2307	P490	Wastewater Treatment Plants	3164.098	Hornsby Bend Dewatering Facility Polymer Storage Tank Replacement	300,000	-	-	-	-	300,000
Wastewater	4480	2307	4985	Wastewater Treatment Plants	3164.101	Hornsby Bend Radio Antenna Improvements	-	-	-	-	-	-
Wastewater	PLAN	2307	P596	Wastewater Treatment Plants	3164.102	Hornsby Bend Gas Storage Cover Replacement	-	-	-	50,000	1,200,000	1,250,000



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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P608	Wastewater Treatment Plants	3164.103	Hornsby Bend Maintenance Building Ventilation Replacement	75,000	-	-	-	-	75,000
Wastewater	PLAN	2307	P720	Wastewater Treatment Plants	3164.106	Hornsby Bend Fire Alarm Replacement Admin and Maintenance Shop	55,000	-	-	-	-	55,000
Wastewater	4480	2307	5062	Wastewater Treatment Plants	3164.107	Hornsby Bend Biosolids Management Plant Austin Resource Recovery Pad Site	100,000	250,000	150,000	-	-	500,000
Wastewater	PLAN	2307	P707	Wastewater Treatment Plants	3164.108	Hornsby Bend Maintenance Building Roof Rehab	-	30,000	-	-	-	30,000
Wastewater	PLAN	2307	P715	Wastewater Treatment Plants	3164.109	Hornsby Bend Maintenance Building Breakroom Modernization	-	-	50,000	-	-	50,000
Wastewater	PLAN	2307	P726	Wastewater Treatment Plants	3164.11	Hornsby Bend Administration Building Paint and Floor Rehab	-	-	-	100,000	-	100,000
Wastewater	4480	2307	5070	Wastewater Treatment Plants	3164.111	Hornsby Bend Biosolids Management Plant Scrap Yard Cleanup	-	-	-	-	-	-
Wastewater	4480	2307	5072	Wastewater Treatment Plants	3164.112	Hornsby Bend Biosolids Management Plant Biogas Utilization Assessment	-	-	-	-	-	-
Wastewater	PLAN	2307	P783	Wastewater Treatment Plants	3164.114	Hornsby Bend Obsolete SCADA Equipment Replacement	-	100,000	150,000	150,000	150,000	550,000
Wastewater	PLAN	2307	P833	Wastewater Treatment Plants	3164.115	Hornsby Bend Biosolids Management Plant FY2020 Minor Renewal Project	150,000	-	-	-	-	150,000
Wastewater	4480	2307	5056	Wastewater Treatment Plants	3168.15	Govalle Wastewater Service Improvements	150,000	-	-	-	-	150,000
Wastewater	4570	2307	4746	Wastewater Treatment Plants	3333.01	South Austin Regional WWTP Plant Control System Upgrade	1,070,000	940,000	-	-	-	2,010,000
Wastewater	4600	2307	4999	Wastewater Treatment Plants	3333.015	South Austin Regional WWTP Tertiary Filter Improvements	10,000	-	-	-	-	10,000
Wastewater	4480	2307	8078	Wastewater Treatment Plants	3333.016	South Austin Regional WWTP Thickener Improvements	-	-	-	-	-	-
Wastewater	4480	2307	8041	Wastewater Treatment Plants	3333.017	South Austin Regional WWTP Trains A & B Improvements	1,608,000	7,113,873	23,794,586	23,963,472	17,102,234	73,582,165
Wastewater	4570	2307	4670	Wastewater Treatment Plants	3333.028	South Austin Regional WWTP Trains A&B Blower Replacement	15,000	-	-	-	-	15,000
Wastewater	4480	2307	5052	Wastewater Treatment Plants	3333.029	South Austin Regional Wastewater Treatment Plant Internal Drainage	-	-	-	-	-	-
Wastewater	4570	2307	8043	Wastewater Treatment Plants	3333.032	South Austin Regional WWTP Electrical Substation No.1 Replacement	854,281	1,086,563	407,281	35,000	-	2,383,125
Wastewater	PLAN	2307	P778	Wastewater Treatment Plants	3333.032	South Austin Regional WWTP Electrical Substation No.1 Replacement	1,291,666	12,458,334	4,583,333	-	-	18,333,333
Wastewater	PLAN	2307	P394	Wastewater Treatment Plants	3333.034	South Austin Regional WWTP Lift Station 2 Rehabilitation	479,000	-	-	-	-	479,000
Wastewater	4570	2307	4699	Wastewater Treatment Plants	3333.037	South Austin Regional WWTP Sludge Transfer Line and Reclaimed Water Line	260,000	2,465,000	80,000	-	-	2,805,000
Wastewater	PLAN	2307	P267	Wastewater Treatment Plants	3333.053	South Austin Regional Wastewater Treatment Thickener Improvements - Phase 2	-	-	-	-	-	-

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	4570	2307	4868	Wastewater Treatment Plants	3333.073	South Austin Regional WWTP Gas Scrubber Renewal	613,437	-	-	-	-	613,437
Wastewater	PLAN	2307	P464	Wastewater Treatment Plants	3333.077	South Austin Regional Wastewater Treatment Plant Restroom Rehab	30,000	-	-	-	-	30,000
Wastewater	4480	2307	5054	Wastewater Treatment Plants	3333.079	South Austin Regional Lift Station 1 Elevator Rehabilitation	-	-	-	-	-	-
Wastewater	4480	2307	5055	Wastewater Treatment Plants	3333.08	South Austin Regional Lift Station 2 Elevator Rehabilitation	-	-	-	-	-	-
Wastewater	4480	2307	5099	Wastewater Treatment Plants	3333.081	South Austin Regional Installation of Fire Alarm System in Admin Building	-	-	-	-	-	-
Wastewater	PLAN	2307	P532	Wastewater Treatment Plants	3333.086	South Austin Regional Admin Building Comprehensive Remodel	-	-	-	-	-	-
Wastewater	4480	2307	4970	Wastewater Treatment Plants	3333.089	South Austin Regional Lift Station 1 and 2 Non-Potable Water Replacement	-	-	-	-	-	-
Wastewater	4480	2307	4971	Wastewater Treatment Plants	3333.09	South Austin Regional Non-Penetrating Safety Rail Purchase	-	-	-	-	-	-
Wastewater	PLAN	2307	P606	Wastewater Treatment Plants	3333.092	South Austin Regional Wastewater Treatment Plant Lift Station 2 Platforms	80,000	-	-	-	-	80,000
Wastewater	PLAN	2307	P607	Wastewater Treatment Plants	3333.093	South Austin Regional WWTP Lighting Improvements	78,000	-	-	-	-	78,000
Wastewater	4480	2307	5089	Wastewater Treatment Plants	3333.095	South Austin Regional WWTP Radio Bi-Directional Amplifier System	-	-	-	-	-	-
Wastewater	PLAN	2307	P686	Wastewater Treatment Plants	3333.098	South Austin Regional Maintenance Shop #2 Ice Machine Replacement	25,000	-	-	-	-	25,000
Wastewater	PLAN	2307	P750	Wastewater Treatment Plants	3333.099	South Austin Regional WWTP Filter Gallery Roof & Envelope Rehab	-	-	-	-	-	-
Wastewater	4480	2307	5085	Wastewater Treatment Plants	3333.101	South Austin Regional WWTP Train A&B Blower Overhead Door Replacement	-	-	-	-	-	-
Wastewater	PLAN	2307	P784	Wastewater Treatment Plants	3333.102	South Austin Regional WWTP FY2020 Minor Renewal Project	500,000	-	-	-	-	500,000
Wastewater	4480	2307	5102	Wastewater Treatment Plants	3333.103	South Austin Regional WWTP Access Road Improvements	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P786	Wastewater Treatment Plants	3333.104	South Austin Regional Train A&B Grit Chamber and Primary Clarifier Rehab	154,000	350,000	-	-	-	504,000
Wastewater	PLAN	2307	P787	Wastewater Treatment Plants	3333.105	South Austin Regional Lift Station 1 Pump Refurbishment	267,000	305,000	-	-	-	572,000
Wastewater	PLAN	2307	P788	Wastewater Treatment Plants	3333.106	South Austin Regional Lift Station 2 Pump Refurbishment	267,000	305,000	-	-	-	572,000
Wastewater	PLAN	2307	P789	Wastewater Treatment Plants	3333.107	South Austin Regional Wastewater Treatment Plant Door Replacements	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P790	Wastewater Treatment Plants	3333.108	South Austin Regional Line Replacement in High Priority Buildings	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P791	Wastewater Treatment Plants	3333.109	South Austin Regional - Site Improvements	150,000	-	-	-	-	150,000
Wastewater	4480	2307	5104	Wastewater Treatment Plants	3333.11	South Austin Regional Junction Box Cover Improvements	200,000	-	-	-	-	200,000

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AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	4480	2307	5116	Wastewater Treatment Plants	3333.111	South Austin Regional Filter Building Corrosion Improvements	550,000	-	-	-	-	550,000
Wastewater	4480	2307	5100	Wastewater Treatment Plants	3333.112	South Austin Regional WWTP Train B Bar Screen Replacement	1,250,000	-	-	-	-	1,250,000
Wastewater	PLAN	2307	P801	Wastewater Treatment Plants	3333.113	South Austin Regional WWTP Sodium Hypochlorite System Improvements	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P810	Wastewater Treatment Plants	3333.114	South Austin Regional WWTP - Wastewater Seed Line Installation	150,000	-	-	-	-	150,000
Wastewater	PLAN	2307	P836	Wastewater Treatment Plants	6319.007	Fallwell Lane Capital Renewal Project	-	674,450	674,450	674,450	674,450	2,697,800
Wastewater	4480	2307	5027	Wastewater Treatment Plants	6621.007	Walnut Creek WWTP Security Access System Upgrade	-	-	-	-	-	-
Wastewater	4570	2307	8187	Wastewater Treatment Plants	6621.009	South Austin Regional WWTP Security Access System Upgrade	400,000	120,000	-	-	-	520,000
Wastewater	PLAN	2307	P582	Wastewater Treatment Plants	6621.042	South Austin Regional Wastewater Treatment Plant Security System Update	-	-	-	-	300,000	300,000
Wastewater	PLAN	2307	P583	Wastewater Treatment Plants	6621.043	Hornsby Bend Waste Water Treatment Plan Security System Technology Refresh	-	-	300,000	-	-	300,000
Wastewater	PLAN	2307	P584	Wastewater Treatment Plants	6621.045	Walnut Creek Waste Water Treatment Plan Perimeter Security Deployment	400,000	-	-	-	-	400,000
Wastewater	4570	2307	8048	Wastewater Treatment Plants	7265.004	Wildhorse Ranch Wastewater Treatment Plant Expansion	620,000	780,000	3,490,000	6,490,000	6,490,000	17,870,000
Wastewater	PLAN	2307	P329	Wastewater Treatment Plants	7265.005	Package Wastewater Treatment Plant Improvements Future Program	280,000	350,000	350,000	350,000	350,000	1,680,000
Wastewater	4570	2307	4761	Wastewater Treatment Plants	7265.014	Dessau Wastewater Treatment Plant Expansion to 0.99 MGD	1,324,300	4,324,300	4,320,100	-	-	9,968,700
Wastewater	4480	2307	4861	Wastewater Treatment Plants	7265.016	Anderson Mill Wastewater Treatment Plant Decommissioning	100,000	-	-	-	-	100,000
Wastewater	PLAN	2307	P198	Wastewater Treatment Plants	7265.02	Taylor Lane Wastewater Treatment Plant Expansion to 0.35 MGD	-	-	-	56,818	568,182	625,000
Wastewater	PLAN	2307	P304	Wastewater Treatment Plants	7265.027	Dessau Wastewater Treatment Plant Expansion to 1.5 MGD	-	-	-	-	1,092,057	1,092,057
Wastewater	4570	2307	4995	Wastewater Treatment Plants	7265.04	Brushy Creek Regional Wastewater Treatment Plant Expansion Participation	1,890,000	-	-	8,100,000	9,900,000	19,890,000
Wastewater	PLAN	2307	P469	Wastewater Treatment Plants	7265.041	Planning and Development Center On-Site Water Reclamation Facility	-	1,500,000	2,000,000	-	-	3,500,000
Wastewater	4480	2307	4963	Wastewater Treatment Plants	7265.042	Lost Creek Wastewater Treatment Plant Effluent Pumping Systems Renewal	-	-	-	-	-	-
Wastewater	PLAN	2307	P590	Wastewater Treatment Plants	7265.044	Lost Creek Wastewater Treatment Plant Lift Station Force Main Reroute	150,000	-	-	-	333,289	483,289
Wastewater	PLAN	2307	P591	Wastewater Treatment Plants	7265.045	Lost Creek Process Improvements - Phase III	250,000	-	-	-	-	250,000
Wastewater	PLAN	2307	P631	Wastewater Treatment Plants	7265.045	Lost Creek Process Improvements - Phase III	-	-	-	-	-	-

**FY 2020-2024 Proposed CIP Plan-Austin Water**

AW Utility	FUND	DEPT	UNIT	Infrastructure Type	SUBPROJECT ID	SUBPROJECT NAME	2020	2021	2022	2023	2024	Total
Wastewater	PLAN	2307	P616	Wastewater Treatment Plants	7265.046	Balcones WWTP Clarifier 2 Rehab - Phase II Improvements	70,000	-	-	-	-	70,000
Wastewater	4480	2307	5016	Wastewater Treatment Plants	7265.048	Wild Horse Wastewater Treatment Plant Thickener Pilot	-	-	-	-	-	-
Wastewater	4480	2307	5042	Wastewater Treatment Plants	7265.049	Lost Creek Wastewater Treatment Plant Clarifier Rehab	-	-	-	-	-	-
Wastewater	4480	2307	5058	Wastewater Treatment Plants	7265.052	Thoroughbred Farms Package WWTP Headworks Replacement	-	-	-	-	-	-
Wastewater	PLAN	2307	P811	Wastewater Treatment Plants	7265.053	Decentralized Reuse Facility Pilot Project 2	-	-	2,000,000	-	-	2,000,000
Wastewater	4480	2307	5109	Wastewater Treatment Plants	7265.055	Pearce Lane Wastewater Treatment Plant Temporary Pump Installation	-	-	-	-	-	-
Wastewater	4480	2307	4930	Wastewater Treatment Plants	8702.007	Facilities and Force Main IDIQ Design & Management Services FY18-FY20	459,517	-	-	-	-	459,517
<b>Wastewater Treatment Plants Total</b>							<b>48,841,920</b>	<b>73,806,611</b>	<b>74,261,203</b>	<b>66,972,381</b>	<b>58,287,388</b>	<b>322,169,503</b>
<b>Grand Total</b>							<b>175,390,102</b>	<b>217,279,409</b>	<b>206,288,575</b>	<b>183,396,586</b>	<b>192,885,127</b>	<b>975,239,799</b>