

2022 Water Capital Improvement - Project Summary

Sources of Funds

Construction Fund (Balance 12/31/21)		
County Held Construction Funds	\$	13,375,141 [1]
County Held Operating fund over \$2.5M	\$	2,221,384
Total On Hand	\$	15,596,525
Additional Funds		
From Operations for Capital Contribution includes Interest Income (Hist average with estimated increase for new meters)	\$	13,670,000
From Operations due to debt payment	\$	6,600,000
From Operations - System Capacity Charges: (Avg \$1.566M/Yr)	\$	7,830,000
Grants OPWC	\$	4,219,020
Assessment	\$	738,000
Sewer contribution to Meter Replacement	\$	90,900
Total Source of Funds	\$	48,744,445
2022-2025 Rate Increase	\$	7,761,695
Replacement & Improvement Requirement not required when bonds paid off		
Capital Improvement Fund Contingency	\$	(5,000,000)
 Available Funding for 2022- 2026 Construction Projects:	 \$	 51,506,140

[1] The Water Source Protection fund is to be utilized only for projects designed to protect our raw water resources from degradation of quality.

2022 Waterworks Capital Improvement - Project Summary

Project #	Description	Planned	Prior Yr. CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Year Total
6401- 60200	Afton & Goshen Elevated Water Storage Tanks - Insp., Eval., Rehab., & Coatings Appl.	1,059,500	7,500	1,052,000	-	-	-	-	-	1,059,500	1,052,000
6401-	Aicholtz Road WM Replacement (Eastgate Blvd to Glen Este-Withamsville Rd)	820,000	-	-	820,000	-	-	-	-	820,000	820,000
6401-	Amelia Olive Branch Road WM Replacement	2,876,500	-	-	-	250,000	100,000	2,526,500	-	2,876,500	2,876,500
6401-	Bach Buxton Water Main Replacement	200,000	-	200,000	-	-	-	-	-	200,000	200,000
6401-60211	BMW Bulk Chemical Tank Replacement	323,000	-	323,000	-	-	-	-	-	323,000	323,000
6401-60175	BMW Floc/Sed Basins 1 & 2 and Lake Intake Structure Eval., Rehab. & Painting	1,066,710	9,710	1,057,000	-	-	-	-	-	1,066,710	1,057,000
6401-	BMW Roof Replacement Phase II	400,000	-	-	-	400,000	-	-	-	400,000	400,000
6401-	Branch Hill Guinea Rd WM Replacement (Branch Hill Miamiville Rd to Loveland Miamiville Rd)	1,782,000	-	125,000	857,000	800,000	-	-	-	1,782,000	1,782,000
6401-	Branch Hill Miamiville Road WM Replacement (Booster 1 to BHG)	1,177,000	-	-	-	122,000	1,055,000	-	-	1,177,000	1,177,000
6401-	Branch Hill Miamiville Road WM Replacement (Front St to Booster 1)	1,732,000	-	177,000	1,555,000	-	-	-	-	1,732,000	1,732,000
6401-	Buckwheat Elevated Tank Inspection, Evaluation and Maintenance	765,000	-	15,000	750,000	-	-	-	-	765,000	765,000
6401-60208	Buckwheat Road Water Service Transfers	297,000	-	-	-	45,000	252,000	-	-	297,000	297,000
6401-	Buckwheat Transmission Main	16,500,000	-	-	-	-	-	-	16,500,000	16,500,000	-
6401-20206	Business 28 Water Main Replacement	925,000	-	70,000	55,000	800,000	-	-	-	925,000	925,000
6401-	Chapel Road Water Main Replacement	878,000	-	-	75,000	50,000	753,000	-	-	878,000	878,000
6401-	Computerized Maintenance Management System (CMMS)	150,000	-	-	150,000	-	-	-	-	150,000	150,000
6401-	Davis, Michael & Aldor Area WM Replacement	1,447,000	-	-	-	-	-	120,000	1,327,000	1,447,000	120,000
6401-60209	Day Heights Elevated Tank Inspection, Evaluation and Maintenance	672,000	-	15,000	657,000	-	-	-	-	672,000	672,000
6401-	Day Heights Tank to SR 131 Loop	387,600	-	-	-	-	50,000	205,000	132,600	387,600	255,000
6401-60207	Fay Road Water Main Replacement	615,000	-	50,000	565,000	-	-	-	-	615,000	615,000
6401-	Garrett Dr. & Betty Ln. Area WM Replacement	2,885,000	-	-	-	-	215,000	100,000	2,570,000	2,885,000	315,000
6401-	Goshen Road Water Main Replacement	1,155,000	-	-	-	-	100,000	50,000	1,005,000	1,155,000	150,000

2022 Waterworks Capital Improvement - Project Summary

Project #	Description	Planned	Prior Yr. CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Year Total
6401-	Herold Road Water Main Loop	1,453,000	-	125,000	678,000	650,000	-	-	-	1,453,000	1,453,000
6401-60195	Hopper Hill Road Water Main Replacement	1,607,400	40,015	1,067,385	500,000	-	-	-	-	1,607,400	1,567,385
6401-	Lewis Road Elevated Tank Removal	30,000	-	-	-	30,000	-	-	-	30,000	30,000
6401-60163	McPicken Road WM Replacement	588,010	22,300	565,710	-	-	-	-	-	588,010	565,710
6401-60164	Menno Drive WM Replacement	294,900	15,870	279,030	-	-	-	-	-	294,900	279,030
6401-60130	Meter Upgrades-System Wide	8,829,375	8,647,575	81,800	100,000	-	-	-	-	8,829,375	181,800
6401-	MGS WTP Building Improvements	250,000	-	250,000	-	-	-	-	-	250,000	250,000
6401-60210	Miamiville Elevated Tank Inspection, Evaluation and Maintenance	370,000	-	20,000	350,000	-	-	-	-	370,000	370,000
6401-60204	Mill Street Area WM Replacement	196,000	-	196,000	-	-	-	-	-	196,000	196,000
6401-	Mt. Carmel Road Area WM Replacement	2,041,250	-	-	-	-	180,000	50,000	1,811,250	2,041,250	230,000
6401-60178	Nine Mile-Bradbury Transmission Main	2,013,200	188,200	161,000	554,000	1,110,000	-	-	-	2,013,200	1,825,000
6401-	Old SR 74 WM Replacement (Elmont to East Tech)	370,000	-	40,000	330,000	-	-	-	-	370,000	370,000
6401-	Old SR 74 WM Replacement - English Creek to I-275	823,600	-	823,600	-	-	-	-	-	823,600	823,600
6401-	Old SR 74 WM Replacement - Schoolhouse to Heitman	528,000	-	13,000	515,000	-	-	-	-	528,000	528,000
6401-	Owensville Elevated Tank Evaluation, Rehabilitation & Coatings Applications	472,000	-	-	-	20,000	452,000	-	-	472,000	472,000
6401-	Paving Improvements	312,000	-	312,000	-	-	-	-	-	312,000	312,000
6401-60191	Price Road Water Main Replacement	2,109,100	168,500	540,600	1,400,000	-	-	-	-	2,109,100	1,940,600
6401-60089	PUB Well Field Development	334,880	34,880	-	-	-	-	-	300,000	334,880	-
6401-60189	PUB Well Field Rehabilitation	2,372,000	-	572,000	600,000	600,000	600,000	-	-	2,372,000	2,372,000
6401-	PUB WTP Generators	350,000	-	-	-	-	-	-	350,000	350,000	-
6401-	Round Bottom Road Water Main Relocation - Bridge (C106-3.03)	50,000	-	-	-	50,000	-	-	-	50,000	50,000
6401-	Round Bottom Road Water Main Replacement - Bridge (C106-4.18)	225,000	-	225,000	-	-	-	-	-	225,000	225,000
6401-	Rumpke Road Area WM Replacement	1,395,000	-	-	190,000	1,205,000	-	-	-	1,395,000	1,395,000

2022 Waterworks Capital Improvement - Project Summary

Project #	Description	Planned	Prior Yr. CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Year Total
6401-60182	SR 125 Water Main Replacement	994,880	136,670	858,210	-	-	-	-	-	994,880	858,210
6401-	SR 131 Elevated Tank Evaluation, Rehabilitation & Coatings Application	392,000	-	-	-	15,000	377,000	-	-	392,000	392,000
6401-	SR 132 North of Judd Road	412,000	-	-	35,000	377,000	-	-	-	412,000	412,000
6401-60152	SR 132 Water Service Connections	135,200	5,200	130,000	-	-	-	-	-	135,200	130,000
6401-60167	SR 132 WM Replacement (SR 48 to SR 28)	1,188,060	883,060	305,000	-	-	-	-	-	1,188,060	305,000
6401-	SR 48 & Gibson Rd - New 1 MG Tank	2,050,000	-	-	-	-	-	-	2,050,000	2,050,000	-
6401-	Stonelick Hills Water Petition	205,000	-	30,000	15,000	160,000	-	-	-	205,000	205,000
6401-60176	Summit Elevated Tank Evaluation, Rehabilitation & Coatings Application	559,600	17,600	542,000	-	-	-	-	-	559,600	542,000
6401-	US 50 @ SR 132 Water Main Replacement	162,000	-	62,000	100,000	-	-	-	-	162,000	162,000
6401-60001	Utility Relocations	1,000,000	-	100,000	150,000	150,000	200,000	200,000	200,000	1,000,000	800,000
6401-60156	Water Distribution Model Maintenance	340,500	40,500	50,000	50,000	50,000	50,000	50,000	50,000	340,500	250,000
6401-	Water Main Replacement Program	4,859,600	-	-	-	-	-	1,109,600	3,750,000	4,859,600	1,109,600
6401-60082	Watershed/Wellhead Protection	354,400	54,400	50,000	50,000	50,000	50,000	50,000	50,000	354,400	250,000
6401-	Weaver Road Water Petition - 2	1,039,000	-	89,000	950,000	-	-	-	-	1,039,000	1,039,000
6401-	White Oak Road WM Replacement - Phase I	1,190,600	-	127,000	563,600	500,000	-	-	-	1,190,600	1,190,600
6401-	White Oak Road WM Replacement - Phase II	1,154,000	-	-	100,000	52,000	1,002,000	-	-	1,154,000	1,154,000
6401-60196	Whitmer Road Water Petition	207,350	28,525	5,825	173,000	-	-	-	-	207,350	178,825
6401-	WRD Maintenance Building Expansion & Renovation	940,000	-	-	87,000	853,000	-	-	-	940,000	940,000
TOTAL		82,312,215	10,300,505	10,705,160	12,974,600	8,339,000	5,436,000	4,461,100	30,095,850	82,312,215	41,915,860

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total
Afton & Goshen Elevated Water Storage Tanks - Insp., Eval., Rehab., & Coatings Appl.	-	1,059,500	7,500	1,052,000	-	-	-	-	-	1,059,500	1,052,000
	Capital Improvement Fund	-	7,500	1,052,000	-	-	-	-	-	1,059,500	1,052,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Aicholtz Road WM Replacement (Eastgate Blvd to Glen Este-Withamsville Rd)	-	820,000	-	-	820,000	-	-	-	-	820,000	820,000
	Capital Improvement Fund	-	-	-	820,000	-	-	-	-	820,000	820,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Amelia Olive Branch Road WM Replacement	-	2,876,500	-	-	-	250,000	100,000	2,526,500	-	2,876,500	2,876,500
	Capital Improvement Fund	-	-	-	-	250,000	100,000	2,526,500	-	2,876,500	2,876,500
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Bach Buxton Water Main Replacement	-	200,000	-	200,000	-	-	-	-	-	200,000	200,000
	Capital Improvement Fund	-	-	200,000	-	-	-	-	-	200,000	200,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
BMW Bulk Chemical Tank Replacement	-	323,000	-	323,000	-	-	-	-	-	323,000	323,000
	Capital Improvement Fund	-	-	323,000	-	-	-	-	-	323,000	323,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	OPWC Grant	-	-	-	-	-	-	-	-	-	-
BMW Floc/Sed Basins 1 & 2 and Lake Intake Structure Eval., Rehab. & Painting	-	1,066,710	9,710	1,057,000	-	-	-	-	-	1,066,710	1,057,000
	Capital Improvement Fund	-	9,710	1,057,000	-	-	-	-	-	1,066,710	1,057,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
BMW Roof Replacement Phase II	-	400,000	-	-	-	400,000	-	-	-	400,000	400,000
	Capital Improvement Fund	-	-	-	-	400,000	-	-	-	400,000	400,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Branch Hill Guinea Rd WM Replacement (Branch Hill Miami Rd to Loveland Miami Rd)	-	1,782,000	-	125,000	857,000	800,000	-	-	-	1,782,000	1,782,000
	Capital Improvement Fund	-	-	125,000	857,000	800,000	-	-	-	1,782,000	1,782,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Branch Hill Miami Rd WM Replacement (Booster 1 to BHG)	-	1,177,000	-	-	-	122,000	1,055,000	-	-	1,177,000	1,177,000
	Capital Improvement Fund	-	-	-	-	122,000	1,055,000	-	-	1,177,000	1,177,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Branch Hill Miami Rd WM Replacement (Front St to Booster 1)	-	1,732,000	-	177,000	1,555,000	-	-	-	-	1,732,000	1,732,000
	Capital Improvement Fund	-	-	177,000	1,555,000	-	-	-	-	1,732,000	1,732,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total
Buckwheat Elevated Tank Inspection, Evaluation and Maintenance	-	765,000	-	15,000	750,000	-	-	-	-	765,000	765,000
	Capital Improvement Fund	-	-	15,000	750,000	-	-	-	-	765,000	765,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Buckwheat Road Water Service Transfers	-	297,000	-	-	-	45,000	252,000	-	-	297,000	297,000
	Capital Improvement Fund	-	-	-	-	45,000	252,000	-	-	297,000	297,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Buckwheat Transmission Main	-	16,500,000	-	-	-	-	-	-	16,500,000	16,500,000	-
	Capital Improvement Fund	-	-	-	-	-	-	-	16,500,000	16,500,000	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Business 28 Water Main Replacement	-	925,000	-	70,000	55,000	800,000	-	-	-	925,000	925,000
	Capital Improvement Fund	-	-	70,000	55,000	800,000	-	-	-	925,000	925,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Chapel Road Water Main Replacement	-	878,000	-	-	75,000	50,000	753,000	-	-	878,000	878,000
	Capital Improvement Fund	-	-	-	75,000	50,000	753,000	-	-	878,000	878,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Computerized Maintenance Management System (CMMS)	-	150,000	-	-	150,000	-	-	-	-	150,000	150,000
	Capital Improvement Fund	-	-	-	150,000	-	-	-	-	150,000	150,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Davis, Michael & Aldor Area WM Replacement	-	1,447,000	-	-	-	-	-	120,000	1,327,000	1,447,000	120,000
	Capital Improvement Fund	-	-	-	-	-	-	120,000	1,327,000	1,447,000	120,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Day Heights Elevated Tank Inspection, Evaluation and Maintenance	-	672,000	-	15,000	657,000	-	-	-	-	672,000	672,000
	Capital Improvement Fund	-	-	15,000	657,000	-	-	-	-	672,000	672,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Day Heights Tank to SR 131 Loop	-	387,600	-	-	-	-	50,000	205,000	132,600	387,600	255,000
	Capital Improvement Fund	-	-	-	-	-	50,000	205,000	132,600	387,600	255,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Fay Road Water Main Replacement	-	615,000	-	50,000	565,000	-	-	-	-	615,000	615,000
	Capital Improvement Fund	-	-	50,000	565,000	-	-	-	-	615,000	615,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total
Garrett Dr. & Betty Ln. Area WM Replacement		2,885,000	-	-	-	-	215,000	100,000	2,570,000	2,885,000	315,000
	Capital Improvement Fund	-	-	-	-	-	215,000	100,000	2,570,000	2,885,000	315,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Goshen Road Water Main Replacement		1,155,000	-	-	-	-	100,000	50,000	1,005,000	1,155,000	150,000
	Capital Improvement Fund	-	-	-	-	-	100,000	50,000	1,005,000	1,155,000	150,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Herold Road Water Main Loop		1,453,000	-	125,000	678,000	650,000	-	-	-	1,453,000	1,453,000
	Capital Improvement Fund	-	-	125,000	678,000	650,000	-	-	-	1,453,000	1,453,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Hopper Hill Road Water Main Replacement		1,607,400	40,015	1,067,385	500,000	-	-	-	-	1,607,400	1,567,385
	Capital Improvement Fund	-	40,015	67,385	-	-	-	-	-	107,400	67,385
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant-ARPA	-	-	1,000,000	500,000	-	-	-	-	1,500,000	1,500,000
Lewis Road Elevated Tank Removal		30,000	-	-	-	30,000	-	-	-	30,000	30,000
	Capital Improvement Fund	-	-	-	-	30,000	-	-	-	30,000	30,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
McPicken Road WM Replacement	Master Plan BOH	588,010	22,300	565,710	-	-	-	-	-	588,010	565,710
	Capital Improvement Fund	-	22,300	284,970	-	-	-	-	-	307,270	284,970
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant-OPWC	-	-	280,740	-	-	-	-	-	280,740	280,740
Menno Drive WM Replacement		294,900	15,870	279,030	-	-	-	-	-	294,900	279,030
	Capital Improvement Fund	-	15,870	140,750	-	-	-	-	-	156,620	140,750
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant-OPWC	-	-	138,280	-	-	-	-	-	138,280	138,280
Meter Upgrades-System Wide		8,829,375	8,647,575	81,800	100,000	-	-	-	-	8,829,375	181,800
	Capital Improvement Fund	-	8,647,575	81,800	100,000	-	-	-	-	8,829,375	181,800
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
MGS WTP Building Improvements		250,000	-	250,000	-	-	-	-	-	250,000	250,000
	Capital Improvement Fund	-	-	250,000	-	-	-	-	-	250,000	250,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Miamiville Elevated Tank Inspection, Evaluation and Maintenance		370,000	-	20,000	350,000	-	-	-	-	370,000	370,000
	Capital Improvement Fund	-	-	20,000	350,000	-	-	-	-	370,000	370,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total
Mill Street Area WM Replacement	-	196,000	-	196,000	-	-	-	-	-	196,000	196,000
	Capital Improvement Fund	-	-	196,000	-	-	-	-	-	196,000	196,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Mt. Carmel Road Area WM Replacement	-	2,041,250	-	-	-	-	180,000	50,000	1,811,250	2,041,250	230,000
	Capital Improvement Fund	-	-	-	-	-	180,000	50,000	1,811,250	2,041,250	230,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Nine Mile-Bradbury Transmission Main	-	2,013,200	188,200	161,000	554,000	1,110,000	-	-	-	2,013,200	1,825,000
	Capital Improvement Fund	-	188,200	161,000	554,000	1,110,000	-	-	-	2,013,200	1,825,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Old SR 74 WM Replacement (Elmont to East Tech)	-	370,000	-	40,000	330,000	-	-	-	-	370,000	370,000
	Capital Improvement Fund	-	-	40,000	330,000	-	-	-	-	370,000	370,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Old SR 74 WM Replacement - English Creek to I-275	-	823,600	-	823,600	-	-	-	-	-	823,600	823,600
	Capital Improvement Fund	-	-	823,600	-	-	-	-	-	823,600	823,600
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Old SR 74 WM Replacement - Schoolhouse to Heitman	-	528,000	-	13,000	515,000	-	-	-	-	528,000	528,000
	Capital Improvement Fund	-	-	13,000	515,000	-	-	-	-	528,000	528,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Owensville Elevated Tank Evaluation, Rehabilitation & Coatings Applications	-	472,000	-	-	-	20,000	452,000	-	-	472,000	472,000
	Capital Improvement Fund	-	-	-	-	20,000	452,000	-	-	472,000	472,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Paving Improvements	-	312,000	-	312,000	-	-	-	-	-	312,000	312,000
	Capital Improvement Fund	-	-	312,000	-	-	-	-	-	312,000	312,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Price Road Water Main Replacement	-	2,109,100	168,500	540,600	1,400,000	-	-	-	-	2,109,100	1,940,600
	Capital Improvement Fund	-	168,500	40,600	-	-	-	-	-	209,100	40,600
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant-ARPA	-	-	500,000	1,400,000	-	-	-	-	1,900,000	1,900,000
PUB Well Field Development	-	334,880	34,880	-	-	-	-	-	300,000	334,880	-
	Capital Improvement Fund	-	34,880	-	-	-	-	-	300,000	334,880	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total
PUB Well Field Rehabilitation	-	2,372,000	-	572,000	600,000	600,000	600,000	-	-	2,372,000	2,372,000
	Capital Improvement Fund	-	-	572,000	600,000	600,000	600,000	-	-	2,372,000	2,372,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
PUB WTP Generators	-	350,000	-	-	-	-	-	-	350,000	350,000	-
	Capital Improvement Fund	-	-	-	-	-	-	-	350,000	350,000	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Round Bottom Road Water Main Relocation - Bridge (C106-3.03)	-	50,000	-	-	-	50,000	-	-	-	50,000	50,000
	Capital Improvement Fund	-	-	-	-	50,000	-	-	-	50,000	50,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Round Bottom Road Water Main Replacement - Bridge (C106-4.18)	-	225,000	-	225,000	-	-	-	-	-	225,000	225,000
	Capital Improvement Fund	-	-	225,000	-	-	-	-	-	225,000	225,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Rumpke Road Area WM Replacement	-	1,395,000	-	-	190,000	1,205,000	-	-	-	1,395,000	1,395,000
	Capital Improvement Fund	-	-	-	190,000	1,205,000	-	-	-	1,395,000	1,395,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
SR 125 Water Main Replacement	-	994,880	136,670	858,210	-	-	-	-	-	994,880	858,210
	Capital Improvement Fund	-	136,670	858,210	-	-	-	-	-	994,880	858,210
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
SR 131 Elevated Tank Evaluation, Rehabilitation & Coatings Application	-	392,000	-	-	-	15,000	377,000	-	-	392,000	392,000
	Capital Improvement Fund	-	-	-	-	15,000	377,000	-	-	392,000	392,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
SR 132 North of Judd Road	-	412,000	-	-	35,000	377,000	-	-	-	412,000	412,000
	Capital Improvement Fund	-	-	-	35,000	377,000	-	-	-	412,000	412,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
SR 132 Water Service Connections	-	135,200	5,200	130,000	-	-	-	-	-	135,200	130,000
	Capital Improvement Fund	-	5,200	130,000	-	-	-	-	-	135,200	130,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
SR 132 WM Replacement (SR 48 to SR 28)	-	1,188,060	883,060	305,000	-	-	-	-	-	1,188,060	305,000
	Capital Improvement Fund	-	883,060	(95,000)	-	-	-	-	-	788,060	(95,000)
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant - OPWC	-	-	400,000	-	-	-	-	-	400,000	400,000

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total
SR 48 & Gibson Rd - New 1 MG Tank		2,050,000	-	-	-	-	-	-	2,050,000	2,050,000	-
	Capital Improvement Fund	-	-	-	-	-	-	-	2,050,000	2,050,000	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Stonelick Hills Water Petition		205,000	-	30,000	15,000	160,000	-	-	-	205,000	205,000
	Capital Improvement Fund	-	-	30,000	15,000	-	-	-	-	45,000	45,000
	Assessment	-	-	-	-	160,000	-	-	-	160,000	160,000
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Summit Elevated Tank Evaluation, Rehabilitation & Coatings Application		559,600	17,600	542,000	-	-	-	-	-	559,600	542,000
	Capital Improvement Fund	-	17,600	542,000	-	-	-	-	-	559,600	542,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
US 50 @ SR 132 Water Main Replacement		162,000	-	62,000	100,000	-	-	-	-	162,000	162,000
	Capital Improvement Fund	-	-	62,000	100,000	-	-	-	-	162,000	162,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Utility Relocations		1,000,000	-	100,000	150,000	150,000	200,000	200,000	200,000	1,000,000	800,000
	Capital Improvement Fund	-	-	100,000	150,000	150,000	200,000	200,000	200,000	1,000,000	800,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Water Distribution Model Maintenance		340,500	40,500	50,000	50,000	50,000	50,000	50,000	50,000	340,500	250,000
	Capital Improvement Fund	-	40,500	50,000	50,000	50,000	50,000	50,000	50,000	340,500	250,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Water Main Replacement Program		4,859,600	-	-	-	-	-	1,109,600	3,750,000	4,859,600	1,109,600
	Capital Improvement Fund	-	-	-	-	-	-	1,109,600	3,750,000	4,859,600	1,109,600
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Watershed/Wellhead Protection		354,400	54,400	50,000	50,000	50,000	50,000	50,000	50,000	354,400	250,000
	Capital Improvement Fund	-	54,400	50,000	50,000	50,000	50,000	50,000	50,000	354,400	250,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Weaver Road Water Petition - 2		1,039,000	-	89,000	950,000	-	-	-	-	1,039,000	1,039,000
	Capital Improvement Fund	-	-	89,000	545,000	-	-	-	-	634,000	634,000
	Assessment	-	-	-	405,000	-	-	-	-	405,000	405,000
	Loan Grant	-	-	-	-	-	-	-	-	-	-
White Oak Road WM Replacement - Phase I		1,190,600	-	127,000	563,600	500,000	-	-	-	1,190,600	1,190,600
	Capital Improvement Fund	-	-	127,000	563,600	500,000	-	-	-	1,190,600	1,190,600
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-

2022 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	*Adj. 5 Yr Total	
White Oak Road WM Replacement - Phase II		-	1,154,000	-	-	100,000	52,000	1,002,000	-	-	1,154,000	1,154,000
	Capital Improvement Fund	-	-	-	-	100,000	52,000	1,002,000	-	-	1,154,000	1,154,000
	Assessment	-	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-	-
Whitmer Road Water Petition		-	207,350	28,525	5,825	173,000	-	-	-	-	207,350	178,825
	Capital Improvement Fund	-	-	28,525	5,825	173,000	(173,000)	-	-	-	34,350	5,825
	Assessment	-	-	-	-	-	173,000	-	-	-	173,000	173,000
	Loan	-	-	-	-	-	-	-	-	-	-	-
WRD Maintenance Building Expansion & Renovation		-	940,000	-	-	87,000	853,000	-	-	-	940,000	940,000
	Capital Improvement Fund	-	-	-	-	87,000	853,000	-	-	-	940,000	940,000
	Assessment	-	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-	-
TOTAL			82,312,215	10,300,505	10,705,160	12,974,600	8,339,000	5,436,000	4,461,100	30,095,850	82,312,215	41,915,860
	Capital Improvement Fund		-	10,300,505	8,386,140	10,669,600	8,006,000	5,436,000	4,461,100	30,095,850	77,355,195	36,958,840
	Assessment		-	-	-	405,000	333,000	-	-	-	738,000	738,000
	Loan		-	-	-	-	-	-	-	-	-	-
	Grant		-	-	2,319,020	1,900,000	-	-	-	-	4,219,020	4,219,020

*Adjusted 5 year plan = 2022-2026 Expenditure Plan

2022 Water Capital Improvement - Project Summary

Project :	Afton & Goshen Elevated Water Storage Tanks - Insp., Eval., Rehab., & Coatings Appl.	Project No.:	6401- 60200	Project Manager:	MS	Date of Update:	5-Jan-22
Description:	Inspection, evaluation, rehabilitation and protective coatings application to the 200,000 gallon Afton and Goshen elevated water storage tanks.					Justification:	Petition BOH Master Plan XL
Township:	Williamsburg and Goshen					Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ - O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	na						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$17,500	\$7,500	\$10,000						\$17,500
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$68,000		\$68,000						\$68,000
General Contractor		\$966,000		\$966,000						\$966,000
Misc		\$8,000		\$8,000						\$8,000
Total		\$ 1,059,500	\$ 7,500	\$ 1,052,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,059,500
Funding Source:	Capital Improvement Fund		\$ 7,500	\$ 1,052,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,059,500
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Repairs and protects the water tank surface thereby extending the useful life of the storage tanks.

Problems:

Notes:
 Dixon Report 2020: Afton \$484K & Goshen \$482K.

2022 Water Capital Improvement - Project Summary

Project :	Aicholtz Road WM Replacement (Eastgate Blvd to Glen Este-Withamsville Rd)	Project No.:	6401-	Project Manager:	TC	Date of Update:	5-Jan-22	
Description:	Replacement of approximately 4,000 feet of 16" cast iron water main installed in 1963 with new 16" water main in coordination with a TID Project.						Justification:	Petition BOH Master Plan XL
Township:							Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ 1,000 O&M/year	Resolutions:			RAGP RADP RON RDTP	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	NA							
Special Conditions:	Coordinate w/ TID Project							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total			
Preliminary Engineering													
Date Complete:		\$20,000			\$20,000					\$20,000			
Land/Easements										\$0			
Construction Engineering and Inspection		\$800,000			\$800,000					\$800,000			
General Contractor										\$0			
Misc										\$0			
Total		\$820,000	\$0	\$0	\$820,000	\$0	\$0	\$0	\$0	\$820,000			
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	820,000	\$	-	\$	-	\$	820,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
Coordinate with TID's Aicholtz Road Roundabouts. Start construction in 2023.

2022 Water Capital Improvement - Project Summary

Project : Amelia Olive Branch Road WM Replacement	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 16,810 linear feet of cast iron water main installed in 1954 and 1977 along Amelia Olive Branch Road from SR 125 to Old SR 74, with 12" ductile iron water main.			Justification: Petition BOH Master Plan XL
Township: Batavia			Coordinates:
Annual Effect on Operations: \$ 3,100 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: EO to repave in 2026.			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										
Date Complete:										
Detail Plans		\$250,000				\$250,000				\$250,000
Date Complete:										
Land/Easements		\$100,000					\$100,000			\$100,000
Construction Engineering and Inspection										\$0
General Contractor		\$2,521,500						\$2,521,500		\$2,521,500
Misc		\$5,000						\$5,000		\$5,000
Total		\$2,876,500	\$0	\$0	\$0	\$250,000	\$100,000	\$2,526,500	\$0	\$2,876,500
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 100,000	\$ 2,526,500	\$ -	\$ 2,876,500
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Bach Buxton Water Main Replacement	6401-	Project Manager:	Date of Update:	5-Jan-22
Description:	Replacement and relocation of approximately 1180 feet of existing 16" & 8" water main as part of the realignment of Bach-Buxton Road south of SR 32.			Justification:	Petition BOH Master Plan XL
Township:	Union			Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ 250 O&M/year	Resolutions:		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	no	RAGP RADP RON RDTP			
Special Conditions:	Coordinate w/ TID Project				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection General Contractor		\$200,000		\$200,000						\$200,000
Misc - Permitting										\$0
Total		\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:

Notes:
 Coordinate with TID's CLE-CR-388, Eastern Corridor, Segment 4a, Phase 4

2022 Water Capital Improvement - Project Summary

Project : BMW Bulk Chemical Tank Replacement	Project No.: 6401-60211	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of bulk caustic and Fluoride fiber glass tanks that is prone to leaking and is nearing the end of their useful lives. The existing tanks are approximately 5500 gallons in size.			Justification: Petition BOH Master Plan XL
Township: Batavia			Coordinates:
Annual Effect on Operations: Unk. O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$20,000		\$20,000						\$20,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$300,000		\$300,000						\$300,000
Misc		\$3,000		\$3,000						\$3,000
Total		\$323,000	\$0	\$323,000	\$0	\$0	\$0	\$0	\$0	\$323,000
Funding Source:	Capital Improvement Fund		\$ -	\$ 323,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 323,000
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	OPWC Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project :	BMW Floc/Sed Basins 1 & 2 and Lake Intake Structure Eval., Rehab & Painting	Project No.:	6401-60175	Project Manager:	MS	Date of Update:	5-Jan-22	
Description:	Evaluation, rehabilitation and painting of the sludge collector equipment for floc/sed basins 1 & 2 at the BMW Treatment Plan and the access drive support structure at the BMW Lake Intake structure.					Justification:	Petition BOH Master Plan XL	Capacity Need Consent Order Other
Township:	Batavia					Coordinates:		
Annual Effect on Operations:	\$	- O&M/year		Resolutions:	RAGP RADP RON RDTP	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	NA							
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$5,710	\$5,710							\$5,710
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$0								\$0
General Contractor		\$1,056,000		\$1,056,000						\$1,056,000
Misc		\$5,000	\$4,000	\$1,000						\$5,000
Total		\$ 1,066,710	\$ 9,710	\$ 1,057,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,066,710
Funding Source:	Capital Improvement Fund	\$	\$ 9,710	\$ 1,057,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,066,710
	Assessment	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Protects the metal surface thereby extending the useful life of the equipment.

Problems:

Notes:
 Floc Seb Basin Bid \$815,050.00
 Intake Cost Estimate \$240,000.00.
 Inspections in the construction costs.

2022 Water Capital Improvement - Project Summary

Project :	BMW Roof Replacement Phase II	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22	
Description:	Replacement of the existing roof over the Filter, high service pumps and garage buildings.				Justification:	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other		
Township:	Batavia				Coordinates:			
Annual Effect on Operations:	\$	-	O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A							
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering Date Complete:										\$0	
Detail Plans Date Complete:										\$0	
Land/Easements										\$0	
Construction Engineering and Inspection General Contractor		\$400,000				\$400,000				\$400,000	
Misc										\$0	
Total		\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000	
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	-	\$	400,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Protects and prolongs the useful life of the existing building.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Branch Hill Guinea Rd WM Replacement (Branch Hill Miami Rd to Loveland Miami Rd)	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22
Description:	Replacement of approximately 8820 linear feet of existing water main with 12" ductile iron water main along Branch Hill Guinea Road from Branch Hill Miami Rd to just north of Wards Corner Road and Harper Lane to Loveland Miami Rd, and approximately 230 feet of 8" ductile iron water main along Windfield Drive starting at Branch Hill Guinea and continuing in a northerly direction.				Justification:	Petition BOH Master Plan XL	<input checked="" type="radio"/> Capacity <input type="radio"/> Need <input type="radio"/> Consent Order <input type="radio"/> Other
Township:	Miami	Resolutions:		RAGP RADP RON RDTP	Coordinates:		
Annual Effect on Operations:	\$ 2,000 O&M/year				Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	no						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$125,000		\$125,000						\$125,000
Date Complete:										
Land/Easements		\$50,000			\$50,000					\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,600,000			\$800,000	\$800,000				\$1,600,000
Misc		\$7,000			\$7,000					\$7,000
Total		\$1,782,000	\$0	\$125,000	\$857,000	\$800,000	\$0	\$0	\$0	\$1,782,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 125,000	\$ 857,000	\$ 800,000	\$ -	\$ -	\$ -	\$ 1,782,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-OPWC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Branch Hill Miamiville Road WM Replacement (Booster 1 to BHG)	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22		
Description:	Replacement of approximately 5,900 linear feet of cast iron water main installed in 1959 along Branch Hill Miamiville Road from Booster 1 to Branch Hill Guinea Road, with 12" ductile iron water main. Replacement includes 10" water main under I-275.						Justification:	Petition BOH Master Plan XL	
Township:	Miami							Coordinates:	
Annual Effect on Operations:	\$ 1,200 O&M/year	Resolutions: RAGP RADP RON RDTP						Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	no								Capacity Need Consent Order Other
Special Conditions:									

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$80,000				\$80,000				\$80,000
Date Complete:										
Land/Easements		\$40,000				\$40,000				\$40,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,050,000					\$1,050,000			\$1,050,000
Misc		\$7,000				\$2,000	\$5,000			\$7,000
Total		\$ 1,177,000	\$ -	\$ -	\$ -	\$ 122,000	\$ 1,055,000	\$ -	\$ -	\$ 1,177,000
Funding Source:	Capital Improvement Fund		\$ -	\$ -	\$ -	\$ 122,000	\$ 1,055,000	\$ -	\$ -	\$ 1,177,000
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:
Requires modeled confirmation to replace with 12" pipe.

2022 Water Capital Improvement - Project Summary

Project :	Branch Hill Miamiville Road WM Replacement (Front St to Booster 1)	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22
Description:	Replacement of approximately 8,750 linear feet of 10" & 12" cast iron water main installed in 1959 along Branch Hill Miamiville Road from Front Street to Booster 1, with 12" ductile iron water main. In areas of high pressure, a portion of the new water shall be class 53 pipe.				Justification:	Petition BOH Master Plan XL	
Township:	Miami	Resolutions:	RAGP RADP RON RDTP			Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ 1,800 O&M/year	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:				
Easements Procured:	no	Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$125,000		\$125,000						\$125,000
Date Complete:										
Land/Easements		\$50,000		\$50,000						\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,550,000			\$1,550,000					\$1,550,000
Misc		\$7,000		\$2,000	\$5,000					\$7,000
Total		\$1,732,000	\$0	\$177,000	\$1,555,000	\$0	\$0	\$0	\$0	\$1,732,000
Funding Source:	Capital Improvement Fund			\$177,000	\$1,555,000					\$1,732,000
	Assessment		\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
	Loan		\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
	Grant		\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Positive Aspects of Project:

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : Buckwheat Elevated Tank Inspection, Evaluation and Maintenance	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Inspection, evaluation and maintenance of the existing Buckwheat 2M gallon elevated water storage tank. Work to include any necessary protective coating repair and replacement.			Justification: Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township: Miami			Coordinates:
Annual Effect on Operations: \$ - O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	2020
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$15,000		\$15,000						\$15,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$750,000			\$750,000					\$750,000
Misc										\$0
Total		\$ 765,000	\$0	\$15,000	\$750,000	\$0	\$0	\$0	\$0	\$765,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 15,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 765,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Protects the metal surface area thereby extending the useful life of the tank.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
Tank constructed and painted in 2003.

2022 Water Capital Improvement - Project Summary

Project : Buckwheat Road Water Service Transfers	Project No.: 6401-60208	Project Manager:	Date of Update: 5-Jan-22
Description: Transfer of existing water services from existing 8" water main installed in 1959, to existing 16" water main installed in 2003, along Buckwheat Road from SR 28 to Hunt Club Drive. This work includes transfers of fire service lines and fire hydrants, and abandonment of existing 8" water main.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ - O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$40,000				\$40,000				\$40,000
Date Complete:										
Land/Easements		\$5,000				\$5,000				\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$250,000					\$250,000			\$250,000
Misc		\$2,000					\$2,000			\$2,000
Total		\$297,000	\$0	\$0	\$0	\$45,000	\$252,000	\$0	\$0	\$297,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 252,000	\$ -	\$ -	\$ 297,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Transfer of services allows for abandonment of existing 8" water main prone to breaks.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : Buckwheat Transmission Main	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Construction of approximately 46,000 feet of 30" transmission main from the BMW WTP to the proposed 24" main on Stonelick Williams Corner Road at Mt. Zion Road; and approximately 18,000 feet of 16" main along Mt. Zion Road to the Buckwheat Elevated Water Storage Tank.			Justification: Petition BOH Master Plan XL
Township: Batavia, Stonelick, Miami			Coordinates:
Annual Effect on Operations: \$ 5,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:		\$1,000,000							\$1,000,000	\$1,000,000
Land/Easements		\$200,000							\$200,000	\$200,000
Construction Engineering and Inspection										\$0
General Contractor		\$13,500,000							\$13,500,000	\$13,500,000
Misc		\$1,800,000							\$1,800,000	\$1,800,000
Total		\$16,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$16,500,000	\$16,500,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500,000	\$ 16,500,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Improves distribution from expanded BMW WTP to 1020 Pressure Zone and the Miami Twp area. Will also provide service for unserved areas.
 Improves the ability to fill the Buckwheat, Williams Corner Area, Gaynor and Goshen Elevated Water Storage Tanks.
 Required to take full advantage of the BMW WTP Expansion Project.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : Business 28 Water Main Replacement	Project No.: 6401-20206	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 3950 feet of existing 8" water line installed in 1959 with 12" ductile iron water main along Business 28 from Cook Rd to Krogers access drive.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 800 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$70,000		\$70,000						\$70,000
Date Complete:										
Land/Easements		\$50,000			\$50,000					\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$800,000				\$800,000				\$800,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$925,000	\$0	\$70,000	\$55,000	\$800,000	\$0	\$0	\$0	\$925,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 70,000	\$ 55,000	\$ 800,000	\$ -	\$ -	\$ -	\$ 925,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces undersized and aged water mains installed in 1959.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Chapel Road Water Main Replacement	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 4975 feet of existing 6" water main installed in 1954 along Chapel Road from SR 125 to approximately 1450 feet east of Amelia Park Drive. 8" minimum, sizing to be determined during design.			Justification: Petition BOH Master Plan XL
Township: Batavia			Coordinates:
Annual Effect on Operations: \$ 1,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: EO paving in 2026			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total							
Preliminary Engineering										\$0							
Date Complete:																	
Detail Plans		\$75,000			\$75,000					\$75,000							
Date Complete:																	
Land/Easements		\$50,000				\$50,000				\$50,000							
Construction Engineering and Inspection										\$0							
General Contractor		\$750,000					\$750,000			\$750,000							
Misc		\$3,000					\$3,000			\$3,000							
Total		\$878,000	\$0	\$0	\$75,000	\$50,000	\$753,000	\$0	\$0	\$878,000							
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	75,000	\$	50,000	\$	753,000	\$	-	\$	-	\$	878,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Replaces undersized and aged water mains that are nearing the end of their useful life.
Coordination with County Engineer's Office paving program.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Computerized Maintenance Management System (CMMS)	Project No.: 6401-	Project Manager: LB	Date of Update: 5-Jan-22
Description: Purchase of single CMMS software to be used throughout the Water Resources Department to track maintenance needs, work orders, etc.			Justification: Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township: N/A			Coordinates:
Annual Effect on Operations: O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A			
Special Conditions: 50% Water/50% Sewer funds			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total			
Preliminary Engineering										\$0			
Date Complete:													
Detail Plans										\$0			
Date Complete:													
Land/Easements										\$0			
Construction Engineering and Inspection										\$0			
General Contractor										\$0			
Misc		\$150,000			\$150,000					\$150,000			
Total		\$150,000	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000			
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	150,000	\$	-	\$	-	\$	150,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Replaces existing antiquated system.

Problems:

Notes:
In house development of the RFP.

2022 Water Capital Improvement - Project Summary

Project :	Davis, Michael & Aldor Area WM Replacement	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22	
Description:	Replacement of approximately 8,445 feet of existing 6" cast iron water main along Davis Road, Michael Drive, Aldor Lane, Mark Court, Marilyn Lane and Nine Mile Tabasco Road with 8" & 12" ductile iron water main.						Justification:	Petition BOH Master Plan XL
Township:	Union						Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$900	O&M/year	Resolutions:			RAGP RADP RON RDTP	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	no							
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total			
Preliminary Engineering										\$0			
Date Complete:													
Detail Plans		\$120,000						\$120,000		\$120,000			
Date Complete:													
Land/Easements		\$50,000							\$50,000	\$50,000			
Construction Engineering and Inspection										\$0			
General Contractor		\$1,267,000							\$1,267,000	\$1,267,000			
Misc		\$10,000							\$10,000	\$10,000			
Total		\$1,447,000	\$0	\$0	\$0	\$0	\$0	\$120,000	\$1,327,000	\$1,447,000			
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	120,000	\$	1,327,000	\$	1,447,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
 Completes an hydraulic loop and reinforces the Cherry Grove service area.
 Replaces aged water mains that have reached an end to their useful lives.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:

2022 Water Capital Improvement - Project Summary

Project : Day Heights Elevated Tank Inspection, Evaluation and Maintenance	Project No.: 6401-60209	Project Manager:	Date of Update: 5-Jan-22
Description: Inspection, evaluation and maintenance of the existing Day Heights 1M gallon elevated water storage tank. Work to include any necessary protective coating repair and replacement.			Justification: Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township: Miami			Coordinates:
Annual Effect on Operations: \$ - O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$15,000		\$15,000						\$15,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$655,000			\$655,000					\$655,000
Misc		\$2,000			\$2,000					\$2,000
Total		\$672,000	\$0	\$15,000	\$657,000	\$0	\$0	\$0	\$0	\$672,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 15,000	\$ 657,000	\$ -	\$ -	\$ -	\$ -	\$ 672,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Protects the metal surface area thereby extending the useful life of the tank.

Problems:

Notes:
Built in 1979 and repainted in 2003.

2022 Water Capital Improvement - Project Summary

Project : Day Heights Tank to SR 131 Loop	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: 1,700 feet of 12" water main from the Day Heights Tank south to SR 131 and then west along SR 131 to Windsong Lane.			Justification: Petition BOH <u>Master Plan</u> XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 300 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No (1 required)			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total					
Preliminary Engineering										\$0					
Date Complete:															
Detail Plans		\$40,000					\$40,000			\$40,000					
Date Complete:															
Land/Easements		\$10,000					\$10,000			\$10,000					
Construction Engineering and Inspection										\$0					
General Contractor		\$332,600						\$200,000	\$132,600	\$332,600					
Misc		\$5,000						\$5,000		\$5,000					
Total		\$387,600	\$0	\$0	\$0	\$0	\$50,000	\$205,000	\$132,600	\$387,600					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	50,000	\$	205,000	\$	132,600	\$	387,600
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Problems: Cannot acquire easement from current property owner. Project on hold until easement is available.

Notes:
Project number formerly 621-0996

2022 Water Capital Improvement - Project Summary

Project : Fay Road Water Main Replacement	Project No.: 6401-60207	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 3500 feet of existing 8" water line installed in 1959 with 2240 feet of 12" and 1260 feet of 8" ductile iron water main along Fay Road from Thoroughbred Drive to Nancard Drive, Earl Drive and Nancard Drive.			Justification: Petition BOH Master Plan XL
Township: Goshen			Coordinates:
Annual Effect on Operations: \$ 700 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: EO paving in 2025			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$50,000		\$50,000						\$50,000
Land/Easements		\$35,000			\$35,000					\$35,000
Construction Engineering and Inspection										\$0
General Contractor		\$525,000			\$525,000					\$525,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$615,000	\$0	\$50,000	\$565,000	\$0	\$0	\$0	\$0	\$615,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 50,000	\$ 565,000	\$ -	\$ -	\$ -	\$ -	\$ 615,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces undersized and aged water mains installed in 1959.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Garrett Dr. & Betty Ln. Area WM Replacement	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 17,050 feet of existing 8" and 6" cast iron water main installed in 1959 with new 8" ductile iron water main along Garrett Drive, Kay Drive, Betty Lane, Kent Drive, Ronnie Lane and Country Lane.			Justification: <div style="display: flex; justify-content: space-around;"> Petition BOH Master Plan XL Capacity Need Consent Order Other </div>
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 3,400 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: mo			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total					
Preliminary Engineering										\$0					
Date Complete:															
Detail Plans		\$215,000					\$215,000			\$215,000					
Date Complete:															
Land/Easements		\$100,000						\$100,000		\$100,000					
Construction Engineering and Inspection										\$0					
General Contractor		\$2,560,000							\$2,560,000	\$2,560,000					
Misc		\$10,000							\$10,000	\$10,000					
Total		\$2,885,000	\$0	\$0	\$0	\$0	\$215,000	\$100,000	\$2,570,000	\$2,885,000					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	215,000	\$	100,000	\$	2,570,000	\$	2,885,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Replaces aged water mains that have reached the end of their useful lives.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Goshen Road Water Main Replacement	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 6555 feet of existing 6" cast iron water main along Goshen Road from Knoll Lane to E. Huntley Road and along E. Huntley Road from Goshen Road to property address 1754 E. Huntley Road, installed in 1959.			Justification: Petition BOH Master Plan XL
Township: Goshen			Coordinates:
Annual Effect on Operations: \$ 1,300 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total					
Preliminary Engineering										\$0					
Date Complete:															
Detail Plans		\$100,000					\$100,000			\$100,000					
Date Complete:															
Land/Easements		\$50,000						\$50,000		\$50,000					
Construction Engineering and Inspection										\$0					
General Contractor		\$1,000,000							\$1,000,000	\$1,000,000					
Misc		\$5,000							\$5,000	\$5,000					
Total		\$1,155,000	\$0	\$0	\$0	\$0	\$100,000	\$50,000	\$1,005,000	\$1,155,000					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	100,000	\$	50,000	\$	1,005,000	\$	1,155,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Replaces aged water main that has reached the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:
EO to pave in 2029.

2022 Water Capital Improvement - Project Summary

Project : Herold Road Water Main Loop	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Installation of approximately 6,500 feet of 12" water main along Herold Road from Streamside Drive to Vista Meadows Drive.			Justification: Petition BOH Master Plan XL
Township: Batavia			Coordinates:
Annual Effect on Operations: \$ 1,300 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$100,000		\$100,000						\$100,000
Land/Easements		\$50,000		\$25,000	\$25,000					\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,300,000			\$650,000	\$650,000				\$1,300,000
Misc		\$3,000			\$3,000					\$3,000
Total		\$1,453,000	\$0	\$125,000	\$678,000	\$650,000	\$0	\$0	\$0	\$1,453,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 125,000	\$ 678,000	\$ 650,000	\$ -	\$ -	\$ -	\$ 1,453,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Improved water transmission, elimination of dead-end main and improved fire protection.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:

2022 Water Capital Improvement - Project Summary

Project : Hopper Hill Road Water Main Replacement	Project No.: 6401-60195	Project Manager: MS	Date of Update: 5-Jan-22
Description: Replacement of approximately 8530 feet of existing 6" cast iron along Hopper Hill Road from SR 125 to Hol-Cor Lane with 12" ductile iron water main.			Justification: Petition BOH Master Plan XL
Township: Pierce and Union			Coordinates:
Annual Effect on Operations: \$ 1,700 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

- Capacity
- Need
- Consent Order
- Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$77,400	\$40,015	\$37,385						\$77,400
Date Complete:										
Land/Easements		\$25,000		\$25,000						\$25,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,500,000		\$1,000,000	\$500,000					\$1,500,000
Misc		\$5,000		\$5,000						\$5,000
Total		\$1,607,400	\$40,015	\$1,067,385	\$500,000	\$0	\$0	\$0	\$0	\$1,607,400
Funding Source:	Capital Improvement Fund		\$ 40,015	\$ 67,385	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,400
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-ARPA		\$ -	\$ 1,000,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000

Positive Aspects of Project:
Replaces undersized and aged water mains installed in 1967 - 1959.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Lewis Road Elevated Tank Removal	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Removal of the existing 100,000 gallon Lewis Road elevated water tank, installed in 1954, that has reached the end of its useful life.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: \$ - O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: NA			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$30,000				\$30,000				\$30,000
Misc										\$0
Total		\$30,000	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Removal of existing infrastructure that is no longer a benefit to the water distribution system.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : McPicken Road WM Replacement	Project No.: 6401-60163	Project Manager: MS	Date of Update: 5-Jan-22
Description: Replacement of approximately 2210 feet of existing 6" cast iron water main along McPicken Drive installed in 1959.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 400 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$26,010	\$22,300	\$3,710						\$26,010
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$560,000		\$560,000						\$560,000
Misc		\$2,000		\$2,000						\$2,000
Total		\$588,010	\$22,300	\$565,710	\$0	\$0	\$0	\$0	\$0	\$588,010
Funding Source:	Capital Improvement Fund		\$ 22,300	\$ 284,970	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 307,270
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-OPWC		\$ -	\$ 280,740	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,740

Positive Aspects of Project:
Replaces aging infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Menno Drive WM Replacement	Project No.: 6401-60164	Project Manager: MS	Date of Update: 5-Jan-22
Description: Replacement of approximately 850 feet of existing 6" cast iron along Menno Drive starting at the intersection of Business 28 and terminating at the end of Menno Drive with new 8" ductile iron water main.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 200 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$14,040	\$13,010	\$1,030						\$14,040
Date Complete:										
Land/Easements		\$2,600	\$2,600							\$2,600
Construction Engineering and Inspection										\$0
General Contractor		\$276,000		\$276,000						\$276,000
Misc		\$2,260	\$260	\$2,000						\$2,260
Total		\$294,900	\$15,870	\$279,030	\$0	\$0	\$0	\$0	\$0	\$294,900
Funding Source:	Capital Improvement Fund		\$ 15,870	\$ 140,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,620
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-OPWC		\$ -	\$ 138,280	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 138,280

Positive Aspects of Project:
Replaces aging infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Meter Upgrades-System Wide	Project No.: 6401-60130	Project Manager: CR	Date of Update: 5-Jan-22
Description: Replacement of approximately 43,000 aged water meters and installation of a remote read data collection system. The new meters will include remote read registers and antennas. Also includes the replacement of approximately 200 larger meters with remote read registers and antennas.			Justification: Petition BOH Master Plan XL
Township: County Wide			Coordinates:
Annual Effect on Operations: \$ 60,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A			
Special Conditions: All water meters to be upgraded			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$8,458,475	\$8,458,475							\$8,458,475
*Large Meter Replacement		\$350,000	\$168,200	\$81,800	\$100,000					\$350,000
Misc		\$11,290	\$11,290							\$11,290
Retro Meters		\$9,610	\$9,610							\$9,610
Total		\$8,829,375	\$8,647,575	\$81,800	\$100,000	\$0	\$0	\$0	\$0	\$8,829,375
Funding Source:	Capital Improvement Fund	\$ 8,647,575	\$ 81,800	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,829,375
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Over time, water meters lose their accuracy. Replacement of the aged meters will result in more accurate billing. Additionally, the installation of a remote read system will result in lower reading costs, reduced field visits, and reduced customer calls.

Problems:

Notes:
*Large meter replacement budget \$350,000 total. 50% from wastewater. \$168,200 spent in 2019 & 2020. Nothing in 2021.

2022 Water Capital Improvement - Project Summary

Project : MGS WTP Building Improvements	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of the existing main building roof and repairs to the building envelop of the MGS Water Treatment Plant.			Justification: Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township: Miami			Coordinates:
Annual Effect on Operations: Unk. O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: na			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:										\$0	
Detail Plans										\$0	
Date Complete:										\$0	
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$250,000		\$250,000						\$250,000	
Misc										\$0	
Total		\$250,000	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000	
Funding Source:	Capital Improvement Fund	\$	-	\$ 250,000	\$	-	\$	-	\$	-	\$ 250,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Protection of existing infrastructure.

Problems: Maintenance of operation and weather.

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Miamiville Elevated Tank Inspection, Evaluation and Maintenance	Project No.:	6401-60210	Project Manager:		Date of Update:	5-Jan-22
Description:	Inspection, evaluation and maintenance of the existing Miamiville 200,000 gallon elevated water storage tank. Work to include any necessary protective coating repair and replacement.				Justification:	Petition BOH Master Plan XL	
Township:	Miami	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Annual Effect on Operations:	\$ - O&M/year					Capacity Need Consent Order Other	
Easements Procured:	N/A						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$20,000		\$20,000						\$20,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$350,000			\$350,000					\$350,000
Misc										\$0
Total		\$370,000	\$0	\$20,000	\$350,000	\$0	\$0	\$0	\$0	\$370,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 20,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 370,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Protects the metal surface area thereby extending the useful life of the tank.

Problems:

Notes:
 Painted in 2002.

2022 Water Capital Improvement - Project Summary

Project : Mill Street Area WM Replacement	Project No.: 6401-60204	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 1020 feet of existing 6" water main installed in 1959 along Mill Street and Main Street, in Miami.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 300 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: Coordinate with Township Road/Storm Improvements			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$30,000		\$30,000						\$30,000
Land/Easements		\$10,000		\$10,000						\$10,000
Construction Engineering and Inspection										\$0
General Contractor		\$153,000		\$153,000						\$153,000
Misc		\$3,000		\$3,000						\$3,000
Total		\$196,000	\$0	\$196,000	\$0	\$0	\$0	\$0	\$0	\$196,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 196,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.
Coordinates with Township's road and storm sewer improvements.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Mt. Carmel Road Area WM Replacement	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 10,350 feet of existing 6" & 8" water main installed in 1954, 1957 & 1959 along Mt. Carmel Road, Viccarb Road, Blossom Lane, Breezy Lane, Thomas Lane and Barbara Lane, with 8" ductile iron water main.			Justification: Petition BOH Master Plan XL
Township: Union in Clermont County & Anderson in Hamilton County			Coordinates:
Annual Effect on Operations: \$ 4,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: Includes water main in Hamilton County.			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$180,000					\$180,000			\$180,000
Land/Easements		\$50,000						\$50,000		\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,811,250							\$1,811,250	\$1,811,250
Misc		\$0								\$0
Total		\$2,041,250	\$0	\$0	\$0	\$0	\$180,000	\$50,000	\$1,811,250	\$2,041,250
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 50,000	\$ 1,811,250	\$ 2,041,250
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Nine Mile-Bradbury Transmission Main	Project No.: 6401-60178	Project Manager: CR	Date of Update: 5-Jan-22
Description: Installation of approximately 9,200 feet of 12" water main along Bradbury Road and Nine Mile Tobasco Road, from the intersection of Nine Mile Tobasco Road and Spring Lane to the intersection of Bradbury Road and Oakland Farms Drive.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: \$ 2,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions: Coordinate w/ Pierce Twp			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$178,800	\$17,800	\$161,000						\$178,800
Date Complete:		\$50,000			\$50,000					\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,780,400	\$170,400		\$500,000	\$1,110,000				\$1,780,400
Misc		\$4,000			\$4,000					\$4,000
Total		\$2,013,200	\$188,200	\$161,000	\$554,000	\$1,110,000	\$0	\$0	\$0	\$2,013,200
Funding Source:	Capital Improvement Fund		\$ 188,200	\$ 161,000	\$ 554,000	\$ 1,110,000	\$ -	\$ -	\$ -	\$ 2,013,200
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Provides bulk sales and emergency back-up supply to New Richmond. Increases potential capacity utilization.
Hydraulic Loop, Reinforces the Cherry Grove area.
Provides water to unserved properties.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:
Phase I design contract \$17,800; \$178,443 less \$8,067 for \$170,400 construction costs.
Construction in two phases. Phase I - joint project with Pierce Township. Approximately 1660 feet along Bradbury Road starting at Oakland Dr.
Phase 2 starts where Phase 1 ends, continues north along Nine Mile Tobasco Road and terminates near Spring Lane.

2022 Water Capital Improvement - Project Summary

Project :	Old SR 74 WM Replacement (Elmont to East Tech)	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22
Description:	Replacement of approximately 1500 feet of existing 8" cast iron water main installed in 1954 along Old SR 74 from just west of Elmont Drive to East Tech Drive.				Justification:	Petition BOH Master Plan XL	<div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Capacity</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Need</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Consent Order</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Other</div>
Township:	Union				Coordinates:		
Annual Effect on Operations:	\$ 400 O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	no						
Special Conditions:	EO paving in 2024.						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$40,000		\$40,000						\$40,000
Date Complete:										
Land/Easements		\$25,000			\$25,000					\$25,000
Construction Engineering and Inspection										\$0
General Contractor		\$300,000			\$300,000					\$300,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$370,000	\$0	\$40,000	\$330,000	\$0	\$0	\$0	\$0	\$370,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 40,000	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ 370,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replacement of aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:
Engineers Office to repave this section of Old 74 in 2024.

2022 Water Capital Improvement - Project Summary

Project :	Old SR 74 WM Replacement - English Creek to I-275	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22
Description:	Replacement of approximately 4,180 feet of 8" water main (installed 1954) with 12" water main and appurtenances, starting west of English Creek Drive and terminate east of I - 275.				Justification:	Petition BOH Master Plan XL	
Township:	Union				Coordinates:	Capacity Need Consent Order Other	
Annual Effect on Operations:	\$ 1,000 O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	No						
Special Conditions:	Coordinate w/ TID Project						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>										\$0
Detail Plans <i>Date Complete:</i>		\$83,600		\$83,600						\$83,600
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$740,000		\$740,000						\$740,000
Misc										\$0
Total		\$823,600	\$0	\$823,600	\$0	\$0	\$0	\$0	\$0	\$823,600
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 823,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 823,600
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Replaces an aged (installed 1954) 8" water main with a new 12" water main and improves distribution capacity. Coordinates with roadway improvement project.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Old SR 74 WM Replacement - Schoolhouse to Heitman	Project No.:	6401-	Project Manager:	TC	Date of Update:	5-Jan-22
Description:	Replacement of approximately 2,573 feet of cast iron water main installed in 1954 with 16" and 12" ductile iron water main along Old SR 74 from east of Schoolhouse Road to Heitman Lane.					Justification:	Petition BOH Master Plan XL
Township:	Union					Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ 600 O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	n/a						
Special Conditions:	Coordinate w/ TID project						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$13,000		\$13,000						\$13,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$515,000			\$515,000					\$515,000
Misc										\$0
Total		\$528,000	\$0	\$13,000	\$515,000	\$0	\$0	\$0	\$0	\$528,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 13,000	\$ 515,000	\$ -	\$ -	\$ -	\$ -	\$ 528,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:

Notes:

Coordinate with TID CLE-CR171-Old 74 , Eastern Corridor, Segment IVa **Phase 6**, PID 103955
 Design work with Transystems through TID.
 Limits of water main work just west of Kitty Lane to Spring Field Ct.

2022 Water Capital Improvement - Project Summary

Project :	Owensville Elevated Tank Evaluation, Rehabilitation & Coatings Applications	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22		
Description:	Evaluation, rehabilitation and protective coating application to the existing 100,000 gallon Owensville Elevated Water Storage Tank, last painted in 2004.						Justification:	Petition BOH Master Plan XL	Capacity Need Consent_Order Other
Township:	Stonelick						Coordinates:		
Annual Effect on Operations:	unknown	O&M/year	Resolutions:			RAGP RADP RON RDTP	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	na								
Special Conditions:									

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans		\$20,000				\$20,000				\$20,000	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$450,000					\$450,000			\$450,000	
Misc		\$2,000					\$2,000			\$2,000	
Total		\$472,000	\$0	\$0	\$0	\$20,000	\$452,000	\$0	\$0	\$472,000	
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	20,000	\$	452,000	\$	472,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Protects the metal surface area thereby extending the useful life of the tank and metal truss system.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : Paving Improvements	Project No.: 6401-	Project Manager: AK	Date of Update: 5-Jan-22
Description: Repair, replacement and sealing of existing paving surfaces at various water treatment plants, booster stations and water tanks throughout the county.			Justification: Petition BOH Master Plan XL
Township: County Wide			Coordinates: Strengthen System
Annual Effect on Operations: Unk. O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A No			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering		\$0								\$0
Date Complete:		\$10,000		\$10,000						\$10,000
Land/Easements		\$0								\$0
Construction Engineering and Inspection		\$0								\$0
General Contractor		\$300,000		\$300,000						\$300,000
Misc		\$2,000		\$2,000						\$2,000
Total		\$312,000	\$0	\$312,000	\$0	\$0	\$0	\$0	\$0	\$312,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 312,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 312,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Repairs or replaces aging infrastructure that is reaching the end of its useful life.

Problems:

Notes:
2022 PUB and MGS WTP

2022 Water Capital Improvement - Project Summary

Project : Price Road Water Main Replacement	Project No.: 6401-60191	Project Manager: AK	Date of Update: 5-Jan-22
Description: Replacement of approximately 5495 feet of existing 6" cast iron water main installed in 1959-1964 along Price Road from Hobby Horse Lane to Pine Ridge Road and Loveland Miamiville Road to I-275 with 8" ductile iron water main, approximately 1180 feet of 6" cast iron installed in 1959 along Oskamp Drive with 8" ductile iron and approximately 400 feet of existing 8" cast iron water main under I-275 between Montclair Blvd and McClelland Rd with 12" ductile iron water main.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
Annual Effect on Operations: \$ 1,200 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions: EO paving in 2026.			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$174,100	\$168,500	\$5,600						\$174,100
Date Complete:										
Land/Easements		\$30,000		\$30,000						\$30,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,900,000		\$500,000	\$1,400,000					\$1,900,000
Misc		\$5,000		\$5,000						\$5,000
Total		\$2,109,100	\$168,500	\$540,600	\$1,400,000	\$0	\$0	\$0	\$0	\$2,109,100
Funding Source:	Capital Improvement Fund		\$ 168,500	\$ 40,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,100
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-ARPA		\$ -	\$ 500,000	\$ 1,400,000	\$ -	\$ -	\$ -	\$ -	\$ 1,900,000

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc
Bore under I-275

Notes:
Combined with Price Rd WM Repl. from Loveland Miamiville Road to I-275, in 2020.

2022 Water Capital Improvement - Project Summary

Project : PUB Well Field Development	Project No.: 6401-60089	Project Manager:	Date of Update: 5-Jan-22
Description: Well Field Development, Exploration and Land Acquisition - Study of expansion potential at PUB as well as other sites.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: na O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering	Thelen	\$12,155	\$12,155							\$12,155	
Date Complete:											
Detail Plans	HC NUTTING - H&M	\$22,725	\$22,725							\$22,725	
Date Complete:	24075										
Land/Easements		\$300,000							\$300,000	\$300,000	
Construction Engineering and Inspection										\$0	
General Contractor										\$0	
Misc										\$0	
Total		\$334,880	\$34,880	\$0	\$0	\$0	\$0	\$0	\$300,000	\$334,880	
Funding Source:	Capital Improvement Fund		\$ 34,880	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 334,880
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Improved utilization of wellfield.

Problems:
Land acquisition
Need to define clear development criteria with specific goals and objectives.
In house operation

Notes:

2022 Water Capital Improvement - Project Summary

Project : PUB Well Field Rehabilitation	Project No.: 6401-60189	Project Manager: CR	Date of Update: 5-Jan-22
Description: Rehabilitation of the existing wells at the PUB Water Treatment Plant's well field. Work to include the redevelopment of each well and the replacement of the pumps, motors and various other components.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: unknown O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: n/a			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										\$0
Detail Plans										\$0
Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$2,372,000		\$572,000	\$600,000	\$600,000	\$600,000			\$2,372,000
Misc										\$0
Total		\$2,372,000	\$0	\$572,000	\$600,000	\$600,000	\$600,000	\$0	\$0	\$2,372,000
Funding Source:	Capital Improvement Fund	\$	-	\$ 572,000	\$ 600,000	\$ 600,000	\$ 600,000	\$	-	\$ 2,372,000
	Assessment		\$	-	\$	-	\$	-	\$	-
	Loan		\$	-	\$	-	\$	-	\$	-
	Grant		\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Rehabilitates the existing wells thereby maintaining the water source for the PUB WTP. Replaces equipment that is reaching the end of its useful life.

Problems:

Notes:
Rehabilitation of four wells per year for four years.
2022 Wells 2A, 3, 5 & 18. Bid \$572,000.

2022 Water Capital Improvement - Project Summary

Project : PUB WTP Generators	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Installation of two backup power generators and appurtenances for the PUB WTP and Well Field to address extended power outages in the area.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: \$ 2,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:		\$50,000							\$50,000	\$50,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$300,000							\$300,000	\$300,000
Misc										\$0
Total		\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Provides backup power for the PUB WTP and Well Field, during electrical outages.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Round Bottom Road Water Main Replacement - Bridge (C106-4.18)	Project No.:	6401-	Project Manager:	TC	Date of Update:	5-Jan-22	
Description:	Replacement of approximately 800 feet of existing 12" ductile iron pipe as part of the Round Bottom Road Bridge No. C106-4.18 Replacement Project. Includes the replacement of approximately 200 feet of water main suspended on the side of the existing bridge.					Justification:	Petition BOH Master Plan XL	Capacity Need Consent Order Other
Township:	Miami					Coordinates:		
Annual Effect on Operations:	\$ 400 O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
Easements Procured:	NA							
Special Conditions:	Coordinate w/ TID project							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$225,000		\$225,000						\$225,000
Misc										\$0
Total		\$225,000	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:
Easements, Manpower, Materials, Weather, etc.

Notes:
As part of the CLE-CR106-4.18 PID 106463 - Round Bottom Road Bridge Replacement Project.

2022 Water Capital Improvement - Project Summary

Project :	Round Bottom Road Water Main Relocation - Bridge (C106-3.03)	Project No.:	6401-	Project Manager:	TC	Date of Update:	5-Jan-22	
Description:	Relocation/replacement of approximately 160' of existing 12" water main in coordination with TID Round Bottom Road Bridge No. (C106-3.03) Replacement Project.					Justification:	Petition BOH Master Plan XL	Capacity Need Consent Order Other
Township:	Union					Coordinates:		
Annual Effect on Operations:	\$ 400 O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
Easements Procured:	n/a							
Special Conditions:	Coordinate w/ TID project							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans										\$0	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$50,000				\$50,000				\$50,000	
Misc										\$0	
Total		\$50,000	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000	
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	-	\$	50,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

As part of the Round Bottom Road Bridge Replacement Project (C106-3.03).

2022 Water Capital Improvement - Project Summary

Project : Rumpke Road Area WM Replacement	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 7,920 feet of water main installed in 1955 along Rumpke Road, Danny Drive, Diane Drive, Melody Lane, and Locust Lane. Also includes approximately 1000' of water main installed in 1961 along Sycamore Blvd.			Justification: Petition BOH Master Plan XL
Township: Union			Coordinates:
Annual Effect on Operations: \$ 1,600 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total											
Preliminary Engineering																					
Date Complete:																					
Detail Plans		\$140,000			\$140,000					\$140,000											
Date Complete:																					
Land/Easements		\$50,000			\$50,000					\$50,000											
Construction Engineering and Inspection										\$0											
General Contractor		\$1,200,000				\$1,200,000				\$1,200,000											
Misc		\$5,000				\$5,000				\$5,000											
Total		\$1,395,000	\$0	\$0	\$190,000	\$1,205,000	\$0	\$0	\$0	\$1,395,000											
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	190,000	\$	1,205,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,395,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Replaces aged infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
Rumpke Rd replacement starts at Old SR 74.

2022 Water Capital Improvement - Project Summary

Project : SR 125 Water Main Replacement	Project No.: 6401-60182	Project Manager: MS	Date of Update: 5-Jan-22
Description: Replacement of approximately 1750' of existing 4" water main installed in 1954 with new 12" ductile iron water main along SR 125 from Woodlands Dr to Chapel Road.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: \$ 700 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: YES			
Special Conditions: Coordinate first Phase w/ TID			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:	Geotech	\$31,500	\$31,500							\$31,500
Land/Easements		\$4,000	\$4,000							\$4,000
Construction Engineering and Inspection										\$0
General Contractor		\$940,460	\$82,250	\$858,210						\$940,460
Misc		\$2,000	\$2,000							\$2,000
Total		\$994,880	\$136,670	\$858,210	\$0	\$0	\$0	\$0	\$0	\$994,880
Funding Source:	Capital Improvement Fund	\$ 136,670	\$ 858,210	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 994,880
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aged undersized cast iron water main.

Problems:
Easements, Manpower, Materials, Weather, etc.

Notes:
Phase 1 constructed in 2019 - 360' with TID/Village project, \$82,250.00.
Phase 2 construct in 2022 - 1390' as separate WRD project. Design \$31,500.00.

2022 Water Capital Improvement - Project Summary

Project :	SR 131 Elevated Tank Evaluation, Rehabilitation & Coatings Application	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22
Description:	Evaluation, rehabilitation and protective coating application to the existing 200,000 gallon SR 131 Elevated Water Storage Tank, last painted in 2005.				Justification:	Petition BOH Master Plan XL	
Township:	Miami				Coordinates:	Capacity Need Consent Order Other	
Annual Effect on Operations:	\$ - O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	na						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$15,000				\$15,000				\$15,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$375,000					\$375,000			\$375,000
Misc		\$2,000					\$2,000			\$2,000
Total		\$392,000	\$0	\$0	\$0	\$15,000	\$377,000	\$0	\$0	\$392,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 377,000	\$ -	\$ -	\$ 392,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Protects the metal surface area thereby extending the useful life of the tank and metal truss system.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : SR 132 North of Judd Road	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Reinforcement of Tate-Monroe subsystem from Judd Road north to southern corporation line of Village of Batavia via the installation of 3000' of 12" water main.			Justification: Petition BOH Master Plan XL
Township: Batavia			<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> Capacity Need </div> Consent Order Other
Annual Effect on Operations: \$ 1,200 O&M/year		Resolutions: RAGP RADP RON RDTP	Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$20,000			\$20,000					\$20,000
Date Complete:										
Land/Easements		\$15,000			\$15,000					\$15,000
Construction Engineering and Inspection										\$0
General Contractor		\$375,000				\$375,000				\$375,000
Misc		\$2,000				\$2,000				\$2,000
Total		\$412,000	\$0	\$0	\$35,000	\$377,000	\$0	\$0	\$0	\$412,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ 35,000	\$ 377,000	\$ -	\$ -	\$ -	\$ 412,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Creates a system Hydraulic Loop & eliminates a dead-end water main. Improves fire flow.

Problems:
Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project :	SR 132 Water Service Connections	Project No.:	6401-60152	Project Manager:	AK	Date of Update:	5-Jan-22
Description:	Water service connection switchovers from existing 8" cast iron water main installed in 1959 to an existing 16" ductile iron water main installed in 1988 and the abandonment of the 8" water main from US 50 to Anstaett Road.					Justification:	Petition BOH Master Plan XL
Township:	Goshen	Resolutions:	RAGP RADP RON RDTP			Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ - O&M/year	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:				
Easements Procured:	N/A	Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans		\$5,200	\$5,200							\$5,200	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$130,000		\$130,000						\$130,000	
Misc										\$0	
Total		\$135,200	\$5,200	\$130,000	\$0	\$0	\$0	\$0	\$0	\$135,200	
Funding Source:	Capital Improvement Fund	\$	5,200	\$	130,000	\$	-	\$	-	\$	135,200
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
 Eliminates a section of cast iron water main installed in 1959 that is prone to breaking.

Problems:
 Manpower, Materials, Weather, etc.

Notes:
 Design in house.

2022 Water Capital Improvement - Project Summary

Project : SR 132 WM Replacement (SR 48 to SR 28)	Project No.: 6401-60167	Project Manager: CR	Date of Update: 5-Jan-22
Description: Replacement of approx. 6,811' of existing 6" cast iron water main with 12" ductile iron water main between SR 48 to SR 28, originally installed in 1959 .			Justification: Petition BOH Master Plan XL
Township: Goshen			Coordinates:
Annual Effect on Operations: \$ 1,400 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$72,710	\$72,710							\$72,710
Date Complete:										
Land/Easements		\$1,100	\$1,100							\$1,100
Construction Engineering and Inspection										\$0
General Contractor		\$1,112,000	\$807,000	\$305,000						\$1,112,000
Misc		\$2,250	\$2,250							\$2,250
Total		\$1,188,060	\$883,060	\$305,000	\$0	\$0	\$0	\$0	\$0	\$1,188,060
Funding Source:	Capital Improvement Fund	\$ 883,060	\$ (95,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 788,060
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant - OPWC	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Positive Aspects of Project:
Replaces a section of cast iron water main installed in 1959 that is prone to breaking and is undersized by todays standards.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
OPWC funds available august 2020.

2022 Water Capital Improvement - Project Summary

Project : SR 48 & Gibson Rd - New 1 MG Tank	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22	
Description: Construction of a 1 MG Elevated Tank near State Route 48 and Gibson Road, at an elevation of 990'.			Justification: Petition BOH Master Plan XL	Capacity Need Consent Order Other
Township: Goshen			Coordinates:	
Annual Effect on Operations: \$ 25,000	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured: No (Purchase 1 property)				
Special Conditions:				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:		\$40,000							\$40,000	\$40,000	
Date Complete:									\$50,000	\$50,000	
Land/Easements		\$50,000							\$10,000	\$10,000	
Construction Engineering and Inspection		\$10,000									
General Contractor		\$1,900,000							\$1,900,000	\$1,900,000	
Misc		\$50,000							\$50,000	\$50,000	
Total		\$2,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,050,000	\$2,050,000	
Funding Source:	Capital Improvement Fund		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,050,000	\$ 2,050,000
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Additional storage and redundancy in the 990 zone

Problems: Easements, Manpower, Materials, Weather, etc

Notes:

2022 Water Capital Improvement - Project Summary

Project : Stonelick Hills Water Petition	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Installation of approximately 1620 feet of 8" ductile iron water main along Stonelick Hills Drive from Stonelick Williams Corner Road to the terminus of Stonelick Hills Drive. Includes the installation of fire hydrants along the alignment.			Justification: Petition BOH Master Plan XL
Township: Stonelick			Coordinates:
Annual Effect on Operations: \$ 400 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: Petition			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$30,000		\$30,000						\$30,000
Date Complete: geotech		\$10,000			\$10,000					
Land/Easements		\$5,000			\$5,000					\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$150,000				\$150,000				\$150,000
Misc		\$10,000				\$10,000				\$10,000
Total		\$205,000	\$0	\$30,000	\$15,000	\$160,000	\$0	\$0	\$0	\$195,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 30,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project :	Summit Elevated Tank Evaluation, Rehabilitation & Coatings Application	Project No.:	6401-60176	Project Manager:	MS	Date of Update:	5-Jan-22
Description:	Evaluation, rehabilitation and protective coating application to the existing 1 million gallon Summit Elevated Water Storage Tank, last painted in 1995.					Justification:	Petition BOH Master Plan XL
Township:	Batavia					Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ - O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	na						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$17,600	\$17,600							\$17,600
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$50,000		\$50,000						\$50,000
General Contractor		\$492,000		\$492,000						\$492,000
Misc										\$0
Total		\$559,600	\$17,600	\$542,000	\$0	\$0	\$0	\$0	\$0	\$559,600
Funding Source:	Capital Improvement Fund		\$ 17,600	\$ 542,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 559,600
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Protects the metal surface area thereby extending the useful life of the tank and metal truss system.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project :	US 50 @ SR 132 Water Main Replacement	Project No.:	6401-	Project Manager:		Date of Update:	5-Jan-22
Description:	Replacement of approximately 700 feet of existing water main at the intersections of US 50 and SR 132 in the Village of Owensville, in coordination with ODOT and Village roadway improvement projects.				Justification:	Petition BOH Master Plan XL	
Township:	Stonelick				Coordinates:	Capacity Need Consent Order Other	
Annual Effect on Operations:	\$ 200 O&M/year	Resolutions:	RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	na						
Special Conditions:	Coordinate w/ ODOT & Village						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$20,000		\$20,000						\$20,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$140,000		\$40,000	\$100,000					\$140,000
Misc		\$2,000		\$2,000						\$2,000
Total		\$162,000	\$0	\$62,000	\$100,000	\$0	\$0	\$0	\$0	\$162,000
Funding Source:	Capital Improvement Fund		\$ -	\$ 62,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 162,000
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Coordination with State and Village roadway improvements. Replaces / relocates aged water main.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : Utility Relocations	Project No.: 6401-60001	Project Manager: TC	Date of Update: 5-Jan-22
Description: Utility Relocations, due to various road improvement projects. Countywide			Justification: Petition BOH Master Plan XL <div style="display: flex; justify-content: space-between;"> Capacity Need Consent Order Other </div>
Annual Effect on Operations: Unknown O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: N/A	Special Conditions:		

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										\$0
Detail Plans										\$0
Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,000,000		\$100,000	\$150,000	\$150,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Misc										\$0
Total		\$1,000,000	\$0	\$100,000	\$150,000	\$150,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 100,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Moves water mains and hydrants away from proposed pavement.
 Long term reduction of operational and maintenance costs. Improved safety

Problems:

Notes:
 SR 32 @ Bach Buxton Water Main Replacement. CLE-32-3.50, Eastern Corridor Segment Iva, Phase 5 - \$20,000.

2022 Water Capital Improvement - Project Summary

Project : Water Distribution Model Maintenance	Project No.: 6401-60156	Project Manager: CR	Date of Update: 5-Jan-22
Description: Annual contract to provide maintenance on the CCWRD Water Distribution Model.			Justification: Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township: County Wide			Coordinates:
Annual Effect on Operations: \$ - O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: NA			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>										\$0
Detail Plans <i>Date Complete:</i>		\$340,500	\$40,500	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$340,500
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor										\$0
Misc										\$0
Total		\$340,500	\$40,500	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$340,500
Funding Source:	Capital Improvement Fund	\$ 40,500	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 340,500
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Provides professional services for the WRD's water distribution model.

Problems:

Notes:

2022 Water Capital Improvement - Project Summary

Project : Water Main Replacement Program	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of existing water mains and appurtanances that have reached the end of their usefull life.			Justification: Petition BOH Master Plan XL
Township: County Wide			Coordinates:
Annual Effect on Operations: na O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										
Date Complete:		\$300,000							\$300,000	\$300,000
Land/Easements		\$75,000							\$75,000	\$75,000
Construction Engineering and Inspection										
General Contractor		\$4,484,600						\$1,109,600	\$3,375,000	\$4,484,600
Misc										
Total		\$4,859,600	\$0	\$0	\$0	\$0	\$0	\$1,109,600	\$3,750,000	\$4,859,600
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,109,600	\$ 3,750,000	\$ 4,859,600
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Improves the quality and reliability of the water distribution system.
Improves flow and fire protection for existing homes and future development.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

Goal - Replace:		
2020-2022 20,000' per year	\$3,000,000	20k feet/year
2023-2025 25,000' per year	\$3,750,000	25k feet/year
2026-2028 30,000' per year	\$4,500,000	30k feet/year
2029-2032 35,000' per year	\$5,250,000	25k feet/year
2033-2039 40,000' per year	\$6,000,000	40k feet/year

Extra notes:
(BHM \$1,905,000 in 2023), (BHG \$1,831,000 in 2024), (NineBrad \$725,000 in 2024), (Goshen \$1,157,400) & (Garrett etal \$2,470,000 in 2025).
For 2022 CIP \$5,332,000 funds from 2024, 2025 & 2026 were used for BHM (Bt 1 to BHG), Chapel Rd, Mill St, Old SR 74 (Elmont to I-275), Rumpke Rd Area, US 50 @ SR 132 and White Oak projects.

2022 Water Capital Improvement - Project Summary

Project : Watershed/Wellhead Protection	Project No.: 6401-60082	Project Manager:	Date of Update: 5-Jan-22
Description: Watershed/Wellhead Protection County Wide			Justification: Petition BOH Master Plan XL Capacity Need Consent Order <u>Other</u>
Annual Effect on Operations: unk O&M/year	Resolutions: RAGP RADP RON RDTP		Coordinates:
Easements Procured: na	Construction:		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering	LBG	\$54,400	\$54,400							\$54,400
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor										\$0
Misc		\$300,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total		\$354,400	\$54,400	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$354,400
Funding Source:	Capital Improvement Fund		\$ 54,400	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 354,400
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Protects wellhead from contamination
Implement the protection plan for MGS and PUB wellfields.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Weaver Road Water Petition - 2	Project No.: 6401-	Project Manager: AK	Date of Update: 5-Jan-22
Description: Construction of approximately 6735 feet of 8" ductile iron water main to serve residents along Weaver Road from 5827 Weaver Road to Newtonsville-Hutchinson Road.			Justification: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Petition BOH Master Plan XL </div> <div style="text-align: center;"> Capacity Need Consent Order Other </div> </div>
Township: Stonelick			Coordinates:
Annual Effect on Operations: \$ 1,400 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: Petition/Assessment Project			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$84,000		\$84,000						\$84,000
Date Complete:										
Land/Easements		\$5,000		\$5,000						\$5,000
Construction Engineering and Inspection		\$0								\$0
General Contractor		\$945,000			\$945,000					\$945,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$ 1,039,000	\$ -	\$ 89,000	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 1,039,000
Funding Source:	Capital Improvement Fund		\$ -	\$ 89,000	\$ 545,000	\$ -	\$ -	\$ -	\$ -	\$ 634,000
	Assessment		\$ -	\$ -	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ 405,000
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Provides public water to areas of Weaver Road without access to public water.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
Possible county contribution for looping the water main.

2022 Water Capital Improvement - Project Summary

Project : White Oak Road WM Replacement - Phase I	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 5170 feet of existing 12" cast iron water main installed in 1954 along White Oak Road from Behymer Road to Merwin Ten Mile Road, with minimum 12" ductile iron water main. Pipe sizing to be determined during design.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: \$ 1,100 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$100,000		\$100,000						\$100,000
Date Complete:										
Land/Easements		\$50,000		\$25,000	\$25,000					\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,033,600			\$533,600	\$500,000				\$1,033,600
Misc		\$7,000		\$2,000	\$5,000					\$7,000
Total		\$1,190,600	\$0	\$127,000	\$563,600	\$500,000	\$0	\$0	\$0	\$1,190,600
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 127,000	\$ 563,600	\$ 500,000	\$ -	\$ -	\$ -	\$ 1,190,600
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aging infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : White Oak Road WM Replacement - Phase II	Project No.: 6401-	Project Manager:	Date of Update: 5-Jan-22
Description: Replacement of approximately 5600 feet of existing 12" cast iron water main installed in 1954 along White Oak Road from Merwin Ten Mile Road to SR 125, with minimum 12" ductile iron water main. Pipe sizing to be determined during design.			Justification: Petition BOH Master Plan XL
Township: Pierce			Coordinates:
Annual Effect on Operations: \$ 1,100 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: no			
Special Conditions: EO paving in 2026			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$100,000			\$100,000					\$100,000
Date Complete:										
Land/Easements		\$50,000				\$50,000				\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,000,000					\$1,000,000			\$1,000,000
Misc		\$4,000				\$2,000	\$2,000			\$4,000
Total		\$1,154,000	\$0	\$0	\$100,000	\$52,000	\$1,002,000	\$0	\$0	\$1,154,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ 100,000	\$ 52,000	\$ 1,002,000	\$ -	\$ -	\$ 1,154,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replaces aging infrastructure that is reaching the end of its useful life.

Problems: Easements, Manpower, Materials, Weather, etc.

Notes:

2022 Water Capital Improvement - Project Summary

Project : Whitmer Road Water Petition	Project No.: 6401-60196	Project Manager: MS	Date of Update: 5-Jan-22
Description: Installation of approximately 1,120 linear feet of 8" ductile iron water main and appurtenances, including two fire hydrants to service the residents along Whitmer Road, north of Belfast Owensville Road.			Justification: Petition BOH Master Plan XL Capacity Need Consent Order Other
Annual Effect on Operations: \$ 200 O&M/year	Resolutions: RAGP RADP RON RDTP	Coordinates:	
Easements Procured: No		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Special Conditions: Combined with sewer petition			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$29,350	\$28,525	\$825						\$29,350
Date Complete:										
Land/Easements		\$5,000		\$5,000						\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$168,000			\$168,000					\$168,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$207,350	\$28,525	\$5,825	\$173,000	\$0	\$0	\$0	\$0	\$207,350
Funding Source:	Capital Improvement Fund	\$ 28,525	\$ 5,825	\$ 173,000	\$ (173,000)	\$ -	\$ -	\$ -	\$ -	\$ 34,350
	Assessment	\$ -	\$ -	\$ 173,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 173,000
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Provides a public water main to area of Whitmer Road without public water.

Problems: Easements

Notes:

2020 Water Capital Improvement Project Summary

Project :	WRD Maintenance Building Expansion & Renovation	Project No: 6401-	Project Manager:	Date of Update:	5-Jan-22
Description:	Expansion of approximately 6,000 SF to the existing WRD Maintenance Building to accommodate increased staffing and renovation of the current building which was originally constructed in 1993.			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township:	Batavia			Coordinates:	
Annual Effect on Operations:	unknown	O&M/year	Resolutions:	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	na				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2022	2023	2024	2025	2026	2027-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans		\$85,000			\$85,000					\$85,000	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$850,000				\$850,000				\$850,000	
Misc		\$5,000			\$2,000	\$3,000				\$5,000	
Total		\$940,000	\$0	\$0	\$87,000	\$853,000	\$0	\$0	\$0	\$940,000	
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	87,000	\$	853,000	\$	940,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Problems:

Notes:

All costs to be split with the WW CIP