

2021 Water Capital Improvement - Project Summary

Sources of Funds

Construction Fund (Balance 12/31/20)		
County Held Construction Funds	\$	12,242,347 [1]
County Held Operating fund over \$2.5M	\$	202,579
Total On Hand	\$	12,444,926
Additional Funds		
From Operations for Capital Contribution includes Interest Income (Hist average with estimated increase for new meters)	\$	12,962,500
From Operations due to debt payment	\$	9,900,000
From Operations - System Capacity Charges: (Avg \$1.197M/Yr)	\$	6,000,000
Grants OPWC	\$	3,119,020
Assessment	\$	609,490
Sewer contribution to Meter Replacement	\$	90,500
Total Source of Funds	\$	45,126,436
2021-2025 Rate Increase	\$	5,559,660
Replacement & Improvement Requirement not required when bonds paid off		
Capital Improvement Fund Contingency	\$	(5,000,000)
Available Funding for 2021- 2025 Construction Projects:	\$	45,686,096

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

2021 Waterworks Capital Improvement - Project Summary

Project #	Description	Planned	Prior Yr. CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Year Total
6401- 60200	Afton & Goshen Elevated Water Storage Tanks - Insp., Eval., Rehab., & Coatings Appl.	1,017,500	-	17,500	1,000,000	-	-	-	-	1,017,500	1,017,500
6401-	Aicholtz Road WM Replacement (Eastgate Blvd to Glen Este-Withamsville Rd)	820,000	-	-	820,000	-	-	-	-	820,000	820,000
6401-60186	Arc Flash Analysis & Labeling	125,000	25,000	100,000	-	-	-	-	-	125,000	100,000
6401-	Bach Buxton Water Main Replacement	200,000	-	200,000	-	-	-	-	-	200,000	200,000
6401-	BMW Bulk Chemical Tank Replacement	213,000	-	213,000	-	-	-	-	-	213,000	213,000
6401-60175	BMW Floc/Sed Basins 1 & 2 and Lake Intake Structure Eval., Rehab. & Painting	760,000	7,400	752,600	-	-	-	-	-	760,000	752,600
6401-	BMW Roof Replacement Phase II	330,000	-	-	-	-	330,000	-	-	330,000	330,000
6401-	Branch Hill Guinea Road WM Replacement (Branch Hill Miamiville to Wards Corner Road)	1,831,000	-	-	-	-	-	160,000	1,671,000	1,831,000	160,000
6401-60172	Branch Hill Guinea Road WM Replacement (Bridlepath to Murle & Jer-Les to Glen Echo)	1,942,770	1,870,170	72,600	-	-	-	-	-	1,942,770	72,600
6401-	Branch Hill Miamiville Road WM Replacement	1,905,000	-	150,000	255,000	1,500,000	-	-	-	1,905,000	1,905,000
6401-	Buckwheat Elevated Tank Inspection, Evaluation and Maintenance	765,000	-	-	15,000	750,000	-	-	-	765,000	765,000
6401-	Buckwheat Transmission Main	16,500,000	-	-	-	-	-	-	16,500,000	16,500,000	-
6401-	Business 28 Water Main Replacement	1,010,000	-	-	120,000	205,000	685,000	-	-	1,010,000	1,010,000
6401-	Computerized Maintenance Management System (CMMS)	150,000	-	-	150,000	-	-	-	-	150,000	150,000
6401-	Davis, Michael & Aldor Area WM Replacement	1,477,875	-	-	-	134,500	610,000	733,375	-	1,477,875	1,477,875
6401-	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	365,600	-	-	-	-	28,000	205,000	132,600	365,600	233,000
6401-60162	Elwynn, Deblin, Teakwood, & Berdova WM Replacement	1,044,360	250,588	793,772	-	-	-	-	-	1,044,360	793,772
6401-	Fay Road Water Main Replacement	525,000	-	-	85,000	440,000	-	-	-	525,000	525,000
6401-	Garrett Dr. & Betty Ln. Area WM Replacement	2,445,000	-	-	-	-	265,000	1,055,000	1,125,000	2,445,000	1,320,000
6401-60158	Glendale & Glen Willow WM Replacement	720,490	456,500	263,990	-	-	-	-	-	720,490	263,990
6401-	Goshen Road Water Main Replacement	1,157,400	-	-	-	168,400	989,000	-	-	1,157,400	1,157,400
6401-60195	Hopper Hill Road Water Main Replacement	1,075,000	-	100,000	975,000	-	-	-	-	1,075,000	1,075,000

2021 Waterworks Capital Improvement - Project Summary

Project #	Description	Planned	Prior Yr. CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Year Total
6401-60181	James E Sauls Drive Transmission Main	1,639,640	83,290	1,556,350	-	-	-	-	-	1,639,640	1,556,350
6401-	Lewis Road Elevated Tank Removal	25,000	-	-	-	-	25,000	-	-	25,000	25,000
6401-60163	McPicken Road WM Replacement	570,218	21,425	548,793	-	-	-	-	-	570,218	548,793
6401-60164	Menno Drive WM Replacement	283,930	13,010	270,920	-	-	-	-	-	283,930	270,920
6401-60130	Meter Upgrades-System Wide	8,829,375	8,648,375	91,000	90,000	-	-	-	-	8,829,375	181,000
6401-	MGS WTP Building Improvements	100,000	-	100,000	-	-	-	-	-	100,000	100,000
6401-60165	Miamiville Area Water Main Replacement	777,590	513,740	263,850	-	-	-	-	-	777,590	263,850
6401-	Miamiville Elevated Tank Inspection, Evaluation and Maintenance	370,000	-	-	20,000	350,000	-	-	-	370,000	370,000
6401-60151	Milford Hills Dr. & Brooklyn Ave. Area WM Replacement	811,995	807,150	4,845	-	-	-	-	-	811,995	4,845
6401-60178	Nine Mile-Bradbury Transmission Main	1,282,800	17,800	200,000	65,000	1,000,000	-	-	-	1,282,800	1,265,000
6401-	Old SR 74 WM Replacement - GEW to Eastgate Blvd	1,095,000	-	-	30,000	1,065,000	-	-	-	1,095,000	1,095,000
6401-60188	Old SR 74 WM Replacement - GEW to Schoolhouse	1,529,280	1,429,280	100,000	-	-	-	-	-	1,529,280	100,000
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	212,000	-	10,000	202,000	-	-	-	-	212,000	212,000
6401-60191	Price Road Water Main Replacement	1,325,450	-	130,000	525,000	670,450	-	-	-	1,325,450	1,325,450
6401-	PUB WTP Generator Installations	350,000	-	-	-	-	-	-	350,000	350,000	-
6401-60166	PUB WTP Well Field Control Tower for Wells 17-20	448,289	226,470	221,819	-	-	-	-	-	448,289	221,819
6401-60089	PUB Well Field Development	334,880	34,880	-	-	-	-	-	300,000	334,880	-
6401-60189	PUB Well Field Rehabilitation	950,000	-	550,000	200,000	200,000	-	-	-	950,000	950,000
6401-	Round Bottom Road Water Main Relocation - Bridge (C106-3.03)	45,000	-	-	-	-	45,000	-	-	45,000	45,000
6401-	Round Bottom Road Water Main Replacement - Bridge (C106-4.18)	225,000	-	225,000	-	-	-	-	-	225,000	225,000
6401-60182	SR 125 Water Main Replacement	475,850	116,350	359,500	-	-	-	-	-	475,850	359,500

2021 Waterworks Capital Improvement - Project Summary

Project #	Description	Planned	Prior Yr. CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Year Total
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	105,200	5,200	100,000	-	-	-	-	-	105,200	100,000
6401-60167	SR 132 WM Replacement (SR 48 to SR 28)	1,341,310	73,810	702,500	565,000	-	-	-	-	1,341,310	1,267,500
6401-	SR 48 & Gibson Rd - New 1 MG Tank	2,050,000	-	-	-	-	-	-	2,050,000	2,050,000	-
6401-60159	SR 48 & SR 28 Water Main Replacement	1,724,890	1,683,370	41,520	-	-	-	-	-	1,724,890	41,520
6401-60176	Summit Elevated Tank Evaluation, Rehabilitation & Coatings Application	559,600	17,600	-	542,000	-	-	-	-	559,600	542,000
6401-60001	Utility Relocations	900,000	-	100,000	100,000	150,000	150,000	200,000	200,000	900,000	700,000
6401-60156	Water Distribution Model Maintenance	174,900	16,200	33,700	25,000	25,000	25,000	25,000	25,000	174,900	133,700
6401-	Water Main Replacement Program	6,501,600	-	-	-	-	1,096,600	1,655,000	3,750,000	6,501,600	2,751,600
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
6401-60180	Weaver Road Water Petition	29,000	3,000	26,000	-	-	-	-	-	29,000	26,000
6401-	Weaver Road Water Petition - 2	998,700	-	85,400	913,300	-	-	-	-	998,700	998,700
6401-60196	Whitmer Road Water Petition	160,795	-	29,455	131,340	-	-	-	-	160,795	160,795
TOTAL		75,437,687	16,375,008	8,477,114	6,893,640	7,915,350	4,710,600	4,912,375	26,153,600	75,437,687	32,909,079

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
Afton & Goshen Elevated Water Storage Tanks - Insp., Eval., Rehab., & Coatings Appl.	-	1,017,500	-	17,500	1,000,000	-	-	-	-	1,017,500	1,017,500
	Capital Improvement Fund	-	-	17,500	700,000	-	-	-	-	717,500	717,500
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Aicholtz Road WM Replacement (Eastgate Blvd to Glen Este-Withamsville Rd)	Grant	-	-	-	300,000	-	-	-	-	300,000	300,000
	Capital Improvement Fund	820,000	-	-	820,000	-	-	-	-	820,000	820,000
	Assessment	-	-	-	820,000	-	-	-	-	820,000	820,000
	Loan	-	-	-	-	-	-	-	-	-	-
Arc Flash Analysis & Labeling	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	125,000	25,000	100,000	-	-	-	-	-	125,000	100,000
	Assessment	-	25,000	100,000	-	-	-	-	-	125,000	100,000
	Loan	-	-	-	-	-	-	-	-	-	-
Bach Buxton Water Main Replacement	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	200,000	-	200,000	-	-	-	-	-	200,000	200,000
	Assessment	-	-	200,000	-	-	-	-	-	200,000	200,000
	Loan	-	-	-	-	-	-	-	-	-	-
BMW Bulk Chemical Tank Replacement	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	213,000	-	213,000	-	-	-	-	-	213,000	213,000
	Assessment	-	-	213,000	-	-	-	-	-	213,000	213,000
	Loan	-	-	-	-	-	-	-	-	-	-
BMW Floc/Sed Basins 1 & 2 and Lake Intake Structure Eval., Rehab. & Painting	OPWC Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	760,000	7,400	752,600	-	-	-	-	-	760,000	752,600
	Assessment	-	7,400	752,600	-	-	-	-	-	760,000	752,600
	Loan	-	-	-	-	-	-	-	-	-	-
BMW Roof Replacement Phase II	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	330,000	-	-	-	-	330,000	-	-	330,000	330,000
	Assessment	-	-	-	-	-	330,000	-	-	330,000	330,000
	Loan	-	-	-	-	-	-	-	-	-	-
Branch Hill Guinea Road WM Replacement (Branch Hill Miamiville to Wards Corner Road)	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	1,831,000	-	-	-	-	-	160,000	1,671,000	1,831,000	160,000
	Assessment	-	-	-	-	-	-	160,000	1,671,000	1,831,000	160,000
	Loan	-	-	-	-	-	-	-	-	-	-
Branch Hill Guinea Road WM Replacement (Bridlepath to Murle & Jer-Les to Glen Echo)	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	1,942,770	1,870,170	72,600	-	-	-	-	-	1,942,770	72,600
	Assessment	-	1,870,170	72,600	-	-	-	-	-	1,942,770	72,600
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
Branch Hill Miamiville Road WM Replacement	-	1,905,000	-	150,000	255,000	1,500,000	-	-	-	1,905,000	1,905,000
	Capital Improvement Fund	-	-	150,000	255,000	1,500,000	-	-	-	1,905,000	1,905,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
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 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	-	1,010,000	-	-	120,000	205,000	685,000	-	-	1,010,000	1,010,000
	Capital Improvement Fund	-	-	-	120,000	205,000	685,000	-	-	1,010,000	1,010,000
	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	-	1,477,875	-	-	-	134,500	610,000	733,375	-	1,477,875	1,477,875
	Capital Improvement Fund	-	-	-	-	134,500	610,000	733,375	-	1,477,875	1,477,875
	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	-	365,600	-	-	-	-	28,000	205,000	132,600	365,600	233,000
	Capital Improvement Fund	-	-	-	-	-	28,000	205,000	132,600	365,600	233,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Elwynn, Deblin, Teakwood, & Berdova WM Replacement	-	1,044,360	250,588	793,772	-	-	-	-	-	1,044,360	793,772
	Capital Improvement Fund	-	250,588	393,772	-	-	-	-	-	644,360	393,772
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	400,000	-	-	-	-	-	400,000	400,000

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
Fay Road Water Main Replacement		525,000	-	-	85,000	440,000	-	-	-	525,000	525,000
	Capital Improvement Fund	-	-	-	85,000	440,000	-	-	-	525,000	525,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Garrett Dr. & Betty Ln. Area WM Replacement		2,445,000	-	-	-	-	265,000	1,055,000	1,125,000	2,445,000	1,320,000
	Capital Improvement Fund	-	-	-	-	-	265,000	1,055,000	1,125,000	2,445,000	1,320,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Glendale & Glen Willow WM Replacement		720,490	456,500	263,990	-	-	-	-	-	720,490	263,990
	Capital Improvement Fund	-	456,500	263,990	-	-	-	-	-	720,490	263,990
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Goshen Road Water Main Replacement		1,157,400	-	-	-	168,400	989,000	-	-	1,157,400	1,157,400
	Capital Improvement Fund	-	-	-	-	168,400	989,000	-	-	1,157,400	1,157,400
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Hopper Hill Road Water Main Replacement		1,075,000	-	100,000	975,000	-	-	-	-	1,075,000	1,075,000
	Capital Improvement Fund	-	-	100,000	975,000	-	-	-	-	275,000	275,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant (OPWC)	-	-	-	800,000	-	-	-	-	800,000	800,000
James E Sauls Drive Transmission Main		1,639,640	83,290	1,556,350	-	-	-	-	-	1,639,640	1,556,350
	Capital Improvement Fund	-	83,290	1,556,350	-	-	-	-	-	1,639,640	1,556,350
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Lewis Road Elevated Tank Removal		25,000	-	-	-	-	25,000	-	-	25,000	25,000
	Capital Improvement Fund	-	-	-	-	-	25,000	-	-	25,000	25,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
McPicken Road WM Replacement	Master Plan	BOH	570,218	21,425	548,793	-	-	-	-	570,218	548,793
	Capital Improvement Fund		-	21,425	268,053	-	-	-	-	289,478	268,053
	Assessment		-	-	-	-	-	-	-	-	-
	Loan Grant		-	-	280,740	-	-	-	-	280,740	280,740
Menno Drive WM Replacement		283,930	13,010	270,920	-	-	-	-	-	283,930	270,920
	Capital Improvement Fund	-	13,010	132,640	-	-	-	-	-	145,650	132,640
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	138,280	-	-	-	-	-	138,280	138,280

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
Meter Upgrades-System Wide	-	-	8,829,375	8,648,375	91,000	90,000	-	-	-	8,829,375	181,000
	Capital Improvement Fund	-	-	8,648,375	91,000	90,000	-	-	-	8,829,375	181,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
MGS WTP Building Improvements	-	-	100,000	-	100,000	-	-	-	-	100,000	100,000
	Capital Improvement Fund	-	-	100,000	-	-	-	-	-	100,000	100,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Miamiville Area Water Main Replacement	-	-	777,590	513,740	263,850	-	-	-	-	777,590	263,850
	Capital Improvement Fund	-	-	513,740	263,850	-	-	-	-	777,590	263,850
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
Milford Hills Dr. & Brooklyn Ave. Area WM Replacement	-	-	811,995	807,150	4,845	-	-	-	-	811,995	4,845
	Capital Improvement Fund	-	-	807,150	4,845	-	-	-	-	811,995	4,845
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Nine Mile-Bradbury Transmission Main	-	-	1,282,800	17,800	200,000	65,000	1,000,000	-	-	1,282,800	1,265,000
	Capital Improvement Fund	-	-	17,800	200,000	65,000	1,000,000	-	-	1,282,800	1,265,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Old SR 74 WM Replacement - GEW to Eastgate Blvd	-	-	1,095,000	-	-	30,000	1,065,000	-	-	1,095,000	1,095,000
	Capital Improvement Fund	-	-	-	-	30,000	1,065,000	-	-	1,095,000	1,095,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Old SR 74 WM Replacement - GEW to Schoolhouse	-	-	1,529,280	1,429,280	100,000	-	-	-	-	1,529,280	100,000
	Capital Improvement Fund	-	-	1,429,280	100,000	-	-	-	-	1,529,280	100,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
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	-	212,000	-	10,000	202,000	-	-	-	-	212,000	212,000
	Capital Improvement Fund	-	-	10,000	202,000	-	-	-	-	212,000	212,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Price Road Water Main Replacement	-	1,325,450	-	130,000	525,000	670,450	-	-	-	1,325,450	1,325,450
	Capital Improvement Fund	-	-	130,000	525,000	670,450	-	-	-	1,325,450	1,325,450
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
PUB WTP Generator Installations	-	350,000	-	-	-	-	-	-	350,000	350,000	-
	Capital Improvement Fund	-	-	-	-	-	-	-	350,000	350,000	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
PUB WTP Well Field Control Tower for Wells 17-20	-	448,289	226,470	221,819	-	-	-	-	-	448,289	221,819
	Capital Improvement Fund	-	226,470	221,819	-	-	-	-	-	448,289	221,819
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
PUB Well Field Development	-	334,880	34,880	-	-	-	-	-	300,000	334,880	-
	Capital Improvement Fund	-	34,880	-	-	-	-	-	300,000	334,880	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
PUB Well Field Rehabilitation	-	950,000	-	550,000	200,000	200,000	-	-	-	950,000	950,000
	Capital Improvement Fund	-	-	550,000	200,000	200,000	-	-	-	950,000	950,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Round Bottom Road Water Main Relocation - Bridge (C106-3.03)	-	45,000	-	-	-	-	45,000	-	-	45,000	45,000
	Capital Improvement Fund	-	-	-	-	-	45,000	-	-	45,000	45,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
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 Grant	-	-	-	-	-	-	-	-	-	-

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
SR 125 Water Main Replacement	-	475,850	116,350	359,500	-	-	-	-	-	475,850	359,500
	Capital Improvement Fund	-	116,350	359,500	-	-	-	-	-	475,850	359,500
	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	-	105,200	5,200	100,000	-	-	-	-	-	105,200	100,000
	Capital Improvement Fund	-	5,200	100,000	-	-	-	-	-	105,200	100,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
SR 132 WM Replacement (SR 48 to SR 28)	-	1,341,310	73,810	702,500	565,000	-	-	-	-	1,341,310	1,267,500
	Capital Improvement Fund	-	73,810	702,500	165,000	-	-	-	-	941,310	867,500
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
SR 48 & SR 28 Water Main Replacement	-	1,724,890	1,683,370	41,520	-	-	-	-	-	1,724,890	41,520
	Capital Improvement Fund	-	1,683,370	(758,480)	-	-	-	-	-	924,890	(758,480)
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Summit Elevated Tank Evaluation, Rehabilitation & Coatings Application	Grant OPWC PY33/2019	-	-	800,000	-	-	-	-	-	800,000	800,000
	Capital Improvement Fund	559,600	17,600	-	542,000	-	-	-	-	559,600	542,000
	Assessment	-	17,600	-	542,000	-	-	-	-	559,600	542,000
	Loan	-	-	-	-	-	-	-	-	-	-
Utility Relocations	-	900,000	-	100,000	100,000	150,000	150,000	200,000	200,000	900,000	700,000
	Capital Improvement Fund	-	-	100,000	100,000	150,000	150,000	200,000	200,000	900,000	700,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Utility Relocations	Grant	-	-	-	-	-	-	-	-	-	-
	Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-

2021 Water Capital Improvement - Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total	
Water Distribution Model Maintenance	-	-	174,900	16,200	33,700	25,000	25,000	25,000	25,000	25,000	174,900	133,700
	Capital Improvement Fund	-	-	16,200	33,700	25,000	25,000	25,000	25,000	25,000	174,900	133,700
	Assessment	-	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-	-
Water Main Replacement Program	-	-	6,501,600	-	-	-	1,096,600	1,655,000	3,750,000	6,501,600	2,751,600	
	Capital Improvement Fund	-	-	-	-	-	1,096,600	1,655,000	3,750,000	6,501,600	2,751,600	
	Assessment	-	-	-	-	-	-	-	-	-	-	
	Loan	-	-	-	-	-	-	-	-	-	-	
Watershed/Wellhead Protection	-	-	354,400	54,400	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	354,400	250,000	
	Assessment	-	-	-	-	-	-	-	-	-	-	
	Loan	-	-	-	-	-	-	-	-	-	-	
Weaver Road Water Petition	-	-	29,000	3,000	26,000	-	-	-	-	29,000	26,000	
	Capital Improvement Fund	-	-	3,000	2,000	-	-	-	-	5,000	2,000	
	Assessment	-	-	-	24,000	-	-	-	-	24,000	24,000	
	Loan	-	-	-	-	-	-	-	-	-	-	
Weaver Road Water Petition - 2	-	-	998,700	-	85,400	913,300	-	-	-	998,700	998,700	
	Capital Improvement Fund	-	-	-	85,400	913,300	(454,150)	-	-	544,550	544,550	
	Assessment	-	-	-	-	-	454,150	-	-	454,150	454,150	
	Loan	-	-	-	-	-	-	-	-	-	-	
Whitmer Road Water Petition	-	-	160,795	-	29,455	131,340	-	-	-	160,795	160,795	
	Capital Improvement Fund	-	-	-	29,455	131,340	(131,340)	-	-	29,455	29,455	
	Assessment	-	-	-	-	-	131,340	-	-	131,340	131,340	
	Loan	-	-	-	-	-	-	-	-	-	-	
TOTAL	Expenditures	75,437,687	16,375,008	8,477,114	6,893,640	7,915,350	4,710,600	4,912,375	26,153,600	75,437,687	32,909,079	
	Capital Improvement Fund	-	16,375,008	6,834,094	5,393,640	7,329,860	4,710,600	4,179,000	26,153,600	70,975,802	28,447,194	
	Assessment	-	-	24,000	-	585,490	-	-	-	609,490	609,490	
	Loan	-	-	-	-	-	-	-	-	-	-	
	Grant	-	-	1,619,020	1,500,000	-	-	-	-	3,119,020	3,119,020	

*Adjusted 5 year plan = 2021-2025 Expenditure Plan

2021 Water Capital Improvement - Project Summary

Project :	Afton & Goshen Elevated Water Storage Tanks - Insp., Eval., Rehab., & Coatings Appl.	Project No.:	6401- 60200	Project Manager:	TL	Date of Update:	31-Jan-21	
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 Capacity Need Consent Order Other	
Township:	Williamsburg and Goshen					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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$17,500		\$17,500						\$17,500
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$68,000			\$68,000					\$68,000
General Contractor		\$924,000			\$924,000					\$924,000
Misc		\$8,000			\$8,000					\$8,000
Total		\$ 1,017,500	\$ -	\$ 17,500	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,017,500
Funding Source:	Capital Improvement Fund		\$ -	\$ 17,500	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 717,500
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

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

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project :	Aicholtz Road WM Replacement (Eastgate Blvd to Glen Este-Withamsville Rd)	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21	
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:	No							
Special Conditions:	Coordinate w/ TID Project							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										
Date Complete:										
Detail Plans		\$20,000			\$20,000					\$20,000
Date Complete:										
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

2021 Water Capital Improvement - Project Summary

Project : Arc Flash Analysis & Labeling	Project No.: 6401-60186	Project Manager: CR	Date of Update: 31-Jan-21
Description: Identification and labeling of arc flash hazards at various locations in the water treatment and distribution system to assist with NFPA70E compliance.			Justification: Petition BOH Master Plan XL
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: N/A			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans										\$0	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$125,000	\$25,000	\$100,000						\$125,000	
Misc										\$0	
Total		\$125,000	\$25,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$125,000	
Funding Source:	Capital Improvement Fund	\$	25,000	\$	100,000	\$	-	\$	-	\$	125,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Protection of employees from work place hazards.
Compliance with NFPA70E.

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project :	Bach Buxton Water Main Replacement	6401-	Project Manager:		Date of Update:	31-Jan-21		
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	Capacity Need Consent Order <u>Other</u>	
Township:	Union				Coordinates:			
Annual Effect on Operations:	\$	250	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	2021	2022	2023	2024	2025	2026-Beyond	Total			
Preliminary Engineering Date Complete:										\$0			
Detail Plans Date Complete:										\$0			
Land/Easements										\$0			
Construction Engineering and Inspection		\$200,000		\$200,000						\$200,000			
General Contractor										\$0			
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

2021 Water Capital Improvement - Project Summary

Project : BMW Bulk Chemical Tank Replacement	Project No.: 6401-	Project Manager: TL	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans		\$10,000		\$10,000						\$10,000	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$200,000		\$200,000						\$200,000	
Misc		\$3,000		\$3,000						\$3,000	
Total		\$213,000	\$0	\$213,000	\$0	\$0	\$0	\$0	\$0	\$213,000	
Funding Source:	Capital Improvement Fund	\$	-	\$ 213,000	\$	-	\$	-	\$	-	\$ 213,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	OPWC Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Problems:

Notes:

2021 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:	TL	Date of Update:	31-Jan-21
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
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:	N/A						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$7,400	\$7,400							\$7,400
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$60,000		\$60,000						\$60,000
General Contractor		\$692,600		\$692,600						\$692,600
Misc										\$0
Total		\$ 760,000	\$ 7,400	\$ 752,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 760,000
Funding Source:	Capital Improvement Fund	\$ -	\$ 7,400	\$ 752,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 760,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : BMW Roof Replacement Phase II	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection General Contractor		\$330,000					\$330,000			\$330,000
Misc										\$0
Total		\$330,000	\$0	\$0	\$0	\$0	\$330,000	\$0	\$0	\$330,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ 330,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project :	Branch Hill Guinea Road WM Replacement (Branch Hill Miamiville to Wards Corner Road)	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21
Description:	Replacement of approximately 8690 linear feet of existing water main with 12" ductile iron water main along Branch Hill Guinea Road from Branch Hill Miamiville Road to Wards Corner Road and approximately 440 linear feet of 8" ductile iron water main along Windfield Drive from Branch Hill Guinea Road to Knollwood Circle.				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:		
Easements Procured:	no	Contract Award:			Contract Execution:		
Special Conditions:					Notice to Proceed:		

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$110,000						\$110,000		\$110,000
Date Complete:										
Land/Easements		\$50,000						\$50,000		\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,666,000							\$1,666,000	\$1,666,000
Misc		\$5,000							\$5,000	\$5,000
Total		\$1,831,000	\$0	\$0	\$0	\$0	\$0	\$160,000	\$1,671,000	\$1,831,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ 1,671,000	\$ 1,831,000
	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:

2021 Water Capital Improvement - Project Summary

Project :	Branch Hill Guinea Road WM Replacement (Bridlepath to Murle & Jer-Les to Glen Echo)	Project No.:	6401-60172	Project Manager:	AK	Date of Update:	31-Jan-21
Description:	Replacement of approximately 16,000 feet of 12" & 10" cast iron water main with approximately 7,900 feet of 16" ductile iron water main in coordination with a roadway improvement project along Branch Hill Guinea Road from Bridlepath Lane to Murle Lane & Jer-Les to Glen Echo.					Justification:	Petition BOH Master Plan XL
Township:		Resolutions:	RAGP RADP RON RDTP			Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$ 2,000 O&M/year	Construction:				Bid Opening:	
Easements Procured:	No					Contract Award:	
Special Conditions:	Coordinate w/ EO prior to paving					Contract Execution:	
						Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$66,300	\$66,300							\$66,300
Date Complete:										
Land/Easements		\$2,560	\$2,560							\$2,560
Construction Engineering and Inspection										\$0
General Contractor		\$1,873,010	\$1,800,410	\$72,600						\$1,873,010
Misc		\$900	\$900							\$900
Total		\$ 1,942,770	\$ 1,870,170	\$ 72,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,942,770
Funding Source:	Capital Improvement Fund		\$ 1,870,170	\$ 72,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,942,770
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Replaces aged water mains reaching the end of their useful lives prior to pavement replacement.

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : Branch Hill Miamiville Road WM Replacement	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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 I-275, 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			Coordinates:
Annual Effect on Operations: \$ 1,800 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	2021	2022	2023	2024	2025	2026-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		\$1,750,000			\$250,000	\$1,500,000				\$1,750,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$1,905,000	\$0	\$150,000	\$255,000	\$1,500,000	\$0	\$0	\$0	\$1,905,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 150,000	\$ 255,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ 1,905,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : Buckwheat Elevated Tank Inspection, Evaluation and Maintenance	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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
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:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-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	\$0	\$15,000	\$750,000	\$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.

2021 Water Capital Improvement - Project Summary

Project : Buckwheat Transmission Main	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$1,000,000							\$1,000,000	\$1,000,000
Date Complete:										
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:

2021 Water Capital Improvement - Project Summary

Project : Business 28 Water Main Replacement	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-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		\$885,000				\$200,000	\$685,000			\$885,000											
Misc		\$5,000				\$5,000				\$5,000											
Total		\$1,010,000	\$0	\$0	\$120,000	\$205,000	\$685,000	\$0	\$0	\$1,010,000											
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	120,000	\$	205,000	\$	685,000	\$	-	\$	-	\$	-	\$	-	\$	1,010,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

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

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

Notes:

2021 Water Capital Improvement - Project Summary

Project : Computerized Maintenance Management System (CMMS)	Project No.: 6401-	Project Manager: LB	Date of Update: 31-Jan-21
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
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	2021	2022	2023	2024	2025	2026-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.

2021 Water Capital Improvement - Project Summary

Project :	Davis, Michael & Aldor Area WM Replacement	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21
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:		Construction:		
Easements Procured:	no		RAGP RADP RON RDTP		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering Date Complete:										\$0	
Detail Plans Date Complete:		\$134,500				\$134,500				\$134,500	
Land/Easements		\$100,000					\$100,000			\$100,000	
Construction Engineering and Inspection		\$0								\$0	
General Contractor		\$1,233,375					\$500,000	\$733,375		\$1,233,375	
Misc		\$10,000					\$10,000			\$10,000	
Total		\$1,477,875	\$0	\$0	\$0	\$134,500	\$610,000	\$733,375	\$0	\$1,477,875	
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	134,500	\$	610,000	\$	744,500
	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:

2021 Water Capital Improvement - Project Summary

Project : Day Heights Elevated Tank Inspection, Evaluation and Maintenance	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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
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			Capacity Need Consent Order Other
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-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	\$0	\$15,000	\$657,000	\$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.

2021 Water Capital Improvement - Project Summary

Project : Day Heights Tank to SR 131 Loop	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21	
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	<u>Capacity</u> Need Consent Order Other
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	2021	2022	2023	2024	2025	2026-Beyond	Total					
Preliminary Engineering										\$0					
Date Complete:															
Detail Plans		\$18,000					\$18,000			\$18,000					
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		\$365,600	\$0	\$0	\$0	\$0	\$28,000	\$205,000	\$132,600	\$365,600					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	28,000	\$	205,000	\$	132,600	\$	365,600
	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

2021 Water Capital Improvement - Project Summary

Project : Elwynn, Deblin, Teakwood, & Berdova WM Replacement	Project No.: 6401-60162	Project Manager: AK	Date of Update: 31-Jan-21
Description: Replacement of approximately 6,074 feet of existing 6" cast iron water main along Elwynn Drive, Deblin Drive, Teakwood and Berdova Drive, with 8" 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: Yes			
Special Conditions:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$92,750	\$92,750							\$92,750
Date Complete:										
Land/Easements		\$1,890	\$1,890							\$1,890
Construction Engineering and Inspection										\$0
General Contractor		\$947,220	\$155,948	\$791,272						\$947,220
Misc		\$2,500		\$2,500						\$2,500
Total		\$1,044,360	\$250,588	\$793,772	\$0	\$0	\$0	\$0	\$0	\$1,044,360
Funding Source:	Capital Improvement Fund		\$ 250,588	\$ 393,772	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 644,360
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant OPWC		\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Positive Aspects of Project:
Replaces undersized and aged water mains installed in 1959 & 1964.

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

Notes:
OPWC Pre App. 2018. App 2019. Funds available 2020.

2021 Water Capital Improvement - Project Summary

Project : Fay Road Water Main Replacement	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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 Thoroughbread Drive to Nancard Drive, Earl Drive and Nancard Drive.			Justification: Petition BOH Master Plan XL
Township: Goshen			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	2021	2022	2023	2024	2025	2026-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		\$435,000				\$435,000				\$435,000			
Misc		\$5,000				\$5,000				\$5,000			
Total		\$525,000	\$0	\$0	\$85,000	\$440,000	\$0	\$0	\$0	\$525,000			
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	85,000	\$	-	\$	-	\$	525,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

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

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

Notes:

2021 Water Capital Improvement - Project Summary

Project : Garrett Dr. & Betty Ln. Area WM Replacement	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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: Petition BOH <u>Master Plan</u> XL Capacity Need Consent Order Other
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	2021	2022	2023	2024	2025	2026-Beyond	Total					
Preliminary Engineering										\$0					
Date Complete:															
Detail Plans		\$215,000					\$215,000			\$215,000					
Date Complete:															
Land/Easements		\$100,000					\$50,000	\$50,000		\$100,000					
Construction Engineering and Inspection										\$0					
General Contractor		\$2,125,000						\$1,000,000	\$1,125,000	\$2,125,000					
Misc		\$5,000						\$5,000		\$5,000					
Total		\$2,445,000	\$0	\$0	\$0	\$0	\$265,000	\$1,055,000	\$1,125,000	\$2,445,000					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	265,000	\$	1,055,000	\$	1,125,000	\$	2,445,000
	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:

2021 Water Capital Improvement - Project Summary

Project : Glendale & Glen Willow WM Replacement	Project No.: 6401-60158	Project Manager: TL	Date of Update: 31-Jan-21
Description: Replacement of approximately 4,440 feet of existing 6" cast iron & ductile iron water main along Glendale Dr., Pood Dr. and Glen Willow Dr. with 8" ductile iron water main. Includes approximately 20 feet of 16" ductile iron water main for tie ins.			Justification: Petition BOH Master Plan XL
Township:			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: Yes			Capacity <u>Need</u> Consent Order Other
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$50,100	\$50,100							\$50,100
Date Complete:										
Land/Easements		\$20,100	\$20,100							\$20,100
Construction Engineering and Inspection										\$0
General Contractor		\$648,890	\$384,900	\$263,990						\$648,890
Misc		\$1,400	\$1,400							\$1,400
Total		\$720,490	\$456,500	\$263,990	\$0	\$0	\$0	\$0	\$0	\$720,490
Funding Source:	Capital Improvement Fund	\$ 456,500	\$ 263,990	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 720,490
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems:

Notes:
Glendale & Pood, 2780' 6" ci or di 1961-1968
Glenwillow, 1660' ci or di 1958

2021 Water Capital Improvement - Project Summary

Project : Goshen Road Water Main Replacement	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$98,400				\$98,400				\$98,400
Date Complete:										
Land/Easements		\$70,000				\$70,000				\$70,000
Construction Engineering and Inspection										\$0
General Contractor		\$984,000					\$984,000			\$984,000
Misc		\$5,000					\$5,000			\$5,000
Total		\$1,157,400	\$0	\$0	\$0	\$168,400	\$989,000	\$0	\$0	\$1,157,400
Funding Source:	Capital Improvement Fund					\$ 168,400	\$ 989,000			\$ 1,157,400
	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.

2021 Water Capital Improvement - Project Summary

Project : Hopper Hill Road Water Main Replacement	Project No.: 6401-60195	Project Manager: TL	Date of Update: 31-Jan-21	
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	<input type="radio"/> Capacity <input type="radio"/> Need <input type="radio"/> Consent Order <input type="radio"/> Other
Township: Pierce and Union			Coordinates:	
Annual Effect on Operations: \$ 500 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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$75,000		\$75,000						\$75,000
Date Complete:										
Land/Easements		\$25,000		\$25,000						\$25,000
Construction Engineering and Inspection										\$0
General Contractor		\$970,000			\$970,000					\$970,000
Misc		\$5,000			\$5,000					\$5,000
Total		\$1,075,000	\$0	\$100,000	\$975,000	\$0	\$0	\$0	\$0	\$1,075,000
Funding Source:	Capital Improvement Fund		\$ -	\$ 100,000	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 275,000
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant (OPWC)		\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000

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

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

Notes:

2021 Water Capital Improvement - Project Summary

Project : James E Sauls Drive Transmission Main	Project No.: 6401-60181	Project Manager: TL	Date of Update: 31-Jan-21	
Description: Installation of approximately 8,550 feet of 16" water transmission main along James E Sauls Drive from Batavia Road to Half Acre Road.			Justification: Petition BOH Master Plan XL	<input checked="" type="radio"/> Capacity <input checked="" type="radio"/> Need <input type="radio"/> Consent Order <input type="radio"/> Other
Township: Batavia			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: NA				
Special Conditions:				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$90,640	\$77,840	\$12,800						\$90,640
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,539,000		\$1,539,000						\$1,539,000
Misc		\$10,000	\$5,450	\$4,550						\$10,000
Total		\$1,639,640	\$83,290	\$1,556,350	\$0	\$0	\$0	\$0	\$0	\$1,639,640
Funding Source:	Capital Improvement Fund	\$ 83,290	\$ 1,556,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,639,640
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : Lewis Road Elevated Tank Removal	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$25,000					\$25,000			\$25,000
Misc										\$0
Total		\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$25,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : McPicken Road WM Replacement	Project No.: 6401-60163	Project Manager: TL	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$26,010	\$21,425	\$4,585						\$26,010
Date Complete:										
Land/Easements		\$20,000		\$20,000						\$20,000
Construction Engineering and Inspection										\$0
General Contractor		\$522,208		\$522,208						\$522,208
Misc		\$2,000		\$2,000						\$2,000
Total		\$570,218	\$21,425	\$548,793	\$0	\$0	\$0	\$0	\$0	\$570,218
Funding Source:	Capital Improvement Fund		\$ 21,425	\$ 268,053	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 289,478
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ 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:

2021 Water Capital Improvement - Project Summary

Project : Menno Drive WM Replacement	Project No.: 6401-60164	Project Manager: TL	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$14,040	\$13,010	\$1,030						\$14,040
Date Complete:										
Land/Easements		\$10,000		\$10,000						\$10,000
Construction Engineering and Inspection										\$0
General Contractor		\$257,890		\$257,890						\$257,890
Misc		\$2,000		\$2,000						\$2,000
Total		\$283,930	\$13,010	\$270,920	\$0	\$0	\$0	\$0	\$0	\$283,930
Funding Source:	Capital Improvement Fund		\$ 13,010	\$ 132,640	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,650
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant		\$ -	\$ 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:

2021 Water Capital Improvement - Project Summary

Project : Meter Upgrades-System Wide	Project No.: 6401-60130	Project Manager: CR	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-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	\$169,000	\$91,000	\$90,000					\$350,000
Misc		\$11,290	\$11,290							\$11,290
Retro Meters		\$9,610	\$9,610							\$9,610
Total		\$8,829,375	\$8,648,375	\$91,000	\$90,000	\$0	\$0	\$0	\$0	\$8,829,375
Funding Source:	Capital Improvement Fund	\$ 8,648,375	\$ 91,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 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. Project to be funded 50/50 with Sewer CIP.
*Large meter replacement budget \$350,000 total. 50% from wastewater.

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : MGS WTP Building Improvements	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
Description: Replacement of the existing roof and repairs to the building envelop of the MGS Water Treatment Plant Chemical Building..			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: na			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$100,000		\$100,000						\$100,000
Misc										\$0
Total		\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Protection of existing infrastructure.

Problems: Maintenance of operation and weather.

Notes:

2021 Water Capital Improvement - Project Summary

Project : Miamiville Area Water Main Replacement	Project No.: 6401-60165	Project Manager: CR	Date of Update: 31-Jan-21
Description: Replacement of approximately 2,967 feet of existing 12" & 6" cast iron water main installed in 1959 with 16", 12" and 8" ductile iron water main along SR 126, Center St., Front Street, and Second Street. Work to include the relocation of services along a portion of Front Street.			Justification: Petition BOH Master Plan XL
Township: Miami			Coordinates:
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: no			Capacity Need Consent Order Other
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$82,500	\$82,500							\$82,500
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$689,090	\$425,240	\$263,850						\$689,090
Misc		\$6,000	\$6,000							\$6,000
Total		\$777,590	\$513,740	\$263,850	\$0	\$0	\$0	\$0	\$0	\$777,590
Funding Source:	Capital Improvement Fund	\$ 513,740	\$ 263,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 777,590
	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:

2021 Water Capital Improvement - Project Summary

Project :	Miamiville Elevated Tank Inspection, Evaluation and Maintenance	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21
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	Capacity Need Consent Order Other
Township:	Miami	Resolutions:		RAGP RADP RON RDTP	Coordinates:		
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	2021	2022	2023	2024	2025	2026-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	\$0	\$20,000	\$350,000	\$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.

2021 Water Capital Improvement - Project Summary

Project :	Milford Hills Dr. & Brooklyn Ave. Area WM Replacement	Project No.:	6401-60151	Project Manager:	AK	Date of Update:	31-Jan-21		
Description:	Replacement of approximately 7040 feet of existing 8" & 6" cast iron water main along Milford Hills Drive, Beechwood Lane, Ridgewood Lane, Brooklyn Ave., Brooklyn Ln. and SR 28 with 6400 feet 8" and 600 feet of 6" ductile iron water main.					Justification:	Petition BOH Master Plan XL	Capacity Need Consent Order Other	
Township:	Miami					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:	yes								
Special Conditions:									

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$74,100	\$74,100							\$74,100
Date Complete:										
Land/Easements		\$11,550	\$11,550							\$11,550
Construction Engineering and Inspection										\$0
General Contractor		\$724,345	\$719,500	\$4,845						\$724,345
Misc		\$2,000	\$2,000							\$2,000
Total		\$811,995	\$807,150	\$4,845	\$0	\$0	\$0	\$0	\$0	\$811,995
Funding Source:	Capital Improvement Fund	\$ 807,150	\$ 4,845	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 811,995
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Replaces undersized and aged water mains installed in 1959 that are nearing the end of their useful life.

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

Notes:
 Brooklyn Ave. and Brooklyn Ln. added to original project scope.

2021 Water Capital Improvement - Project Summary

Project : Nine Mile-Bradbury Transmission Main	Project No.: 6401-60178	Project Manager: CR	Date of Update: 31-Jan-21
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			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$62,800	\$17,800		\$45,000					\$62,800
Date Complete:										
Land/Easements		\$20,000			\$20,000					\$20,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,200,000		\$200,000		\$1,000,000				\$1,200,000
Misc										\$0
Total		\$1,282,800	\$17,800	\$200,000	\$65,000	\$1,000,000	\$0	\$0	\$0	\$1,282,800
Funding Source:	Capital Improvement Fund	\$ 17,800	\$ 200,000	\$ 65,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,282,800
	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.
 Construction in two phases. Phase I - joint project with Pierce Township (\$318,000). 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.

2021 Water Capital Improvement - Project Summary

Project :	Old SR 74 WM Replacement - GEW to Eastgate Blvd	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21	
Description:	Replacement of approximately 5,325 feet of 8" water main (installed 1954) with 12" water main and appurtenances.						Justification:	Petition BOH Master Plan XL
Township:	Union						Coordinates:	Capacity Need Consent Order Other
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:	Coordinate w/ TID Project							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$30,000			\$30,000					\$30,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,065,000				\$1,065,000				\$1,065,000
Misc										\$0
Total		\$1,095,000	\$0	\$0	\$30,000	\$1,065,000	\$0	\$0	\$0	\$1,095,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ 30,000	\$ 1,065,000	\$ -	\$ -	\$ -	\$ 1,095,000
	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. Also coordinates roadway improvement with utility improvement

Problems:

Notes:
 Limits start near intersection of Rumpke Road and end near I 275.

2021 Water Capital Improvement - Project Summary

Project :	Old SR 74 WM Replacement - GEW to Schoolhouse	Project No.:	6401-60188	Project Manager:	TC	Date of Update:	31-Jan-21	
Description:	Replacement of approximately 4,590 feet of 16", 12", 8" & 6" water main as part of the Old SR 74 Widening 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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,529,280	\$1,429,280	\$100,000						\$1,529,280
Misc										\$0
Total		\$1,529,280	\$1,429,280	\$100,000	\$0	\$0	\$0	\$0	\$0	\$1,529,280
Funding Source:	Capital Improvement Fund	\$ 1,429,280	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,529,280
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Problems:

Notes:
 Coordinate with TID Old SR 74 Widening - **Phase I** Project, CLE-CR171-Old 74, PID 82557
 PO# 19005170 (\$1,429,276 Water & \$41,400 Wastewater). Paid in 2019.

2021 Water Capital Improvement - Project Summary

Project : Old SR 74 WM Replacement - Schoolhouse to Heitman	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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:
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			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-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	\$0	\$515,000	\$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.

2021 Water Capital Improvement - Project Summary

Project :	Owensville Elevated Tank Evaluation, Rehabilitation & Coatings Applications	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21
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	
Township:	Stonelick				Coordinates:	Capacity Need Consent Order Other	
Annual Effect on Operations:	unknown	O&M/year	Resolutions:		Construction:		
Easements Procured:	na		RAGP RADP RON RDTP		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-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	\$0	\$20,000	\$452,000	\$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:

2021 Water Capital Improvement - Project Summary

Project : Paving Improvements	Project No.: 6401-	Project Manager: AK	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-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		\$200,000			\$200,000					\$200,000
Misc		\$2,000			\$2,000					\$2,000
Total		\$212,000	\$0	\$10,000	\$202,000	\$0	\$0	\$0	\$0	\$212,000
Funding Source:	Capital Improvement Fund	\$	-	\$ 10,000	\$ 202,000	\$	-	\$	-	\$ 212,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$
	Loan	\$	-	\$	-	\$	-	\$	-	\$
	Grant	\$	-	\$	-	\$	-	\$	-	\$

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

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : Price Road Water Main Replacement	Project No.: 6401-60191	Project Manager: AK	Date of Update: 31-Jan-21
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:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$120,000		\$120,000						\$120,000
Date Complete:										
Land/Easements		\$30,000		\$10,000	\$20,000					\$30,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,170,450			\$500,000	\$670,450				\$1,170,450
Misc		\$5,000			\$5,000					\$5,000
Total		\$1,325,450	\$0	\$130,000	\$525,000	\$670,450	\$0	\$0	\$0	\$1,325,450
Funding Source:	Capital Improvement Fund			\$130,000	\$525,000	\$670,450				\$1,325,450
	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
Bore under I-275

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

2021 Water Capital Improvement - Project Summary

Project : PUB WTP Generator Installations	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total			
Preliminary Engineering										\$0			
Date Complete:													
Detail Plans		\$50,000							\$50,000	\$50,000			
Date Complete:													
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:

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project :	PUB WTP Well Field Control Tower for Wells 17-20	Project No.:	6401-60166	Project Manager:	AK	Date of Update:	31-Jan-21	
Description:	Replacement of the existing control tower for wells 17-20 at the PUB WTP Well Field.					Justification:	Petition BOH Master Plan XL	Capacity Need Consent Order Other
Township:	Pierce	Resolutions:					Coordinates:	
Annual Effect on Operations:	\$ 200 O&M/year	RAGP RADP RON RDTP					Construction:	
Easements Procured:	N/A						Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										
Date Complete:										
Detail Plans	Design	\$41,400	\$41,400							\$41,400
Date Complete:	Geotech	\$7,770	\$7,770							\$7,770
Land/Easements										
Construction Engineering and Inspection										
General Contractor		\$397,019	\$175,200	\$221,819						\$397,019
Misc		\$2,100	\$2,100							\$2,100
Total		\$448,289	\$226,470	\$221,819	\$0	\$0	\$0	\$0	\$0	\$448,289
Funding Source:	Capital Improvement Fund	\$ 226,470	\$ 221,819	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 448,289
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Replacement/reconditioning of aged control tower components.

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : PUB Well Field Development	Project No.: 6401-60089	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-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:

2021 Water Capital Improvement - Project Summary

Project : PUB Well Field Rehabilitation	Project No.: 6401-60189	Project Manager: CR	Date of Update: 31-Jan-21
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: n/a 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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$950,000		\$550,000	\$200,000	\$200,000				\$950,000
Misc										\$0
Total		\$950,000	\$0	\$550,000	\$200,000	\$200,000	\$0	\$0	\$0	\$950,000
Funding Source:	Capital Improvement Fund		\$ -	\$ 550,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 950,000
	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.

2021 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:	31-Jan-21	
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	2021	2022	2023	2024	2025	2026-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.

2021 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:	31-Jan-21
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
Township:	Union					Coordinates:	Capacity Need Consent Order Other
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$45,000					\$45,000			\$45,000
Misc										\$0
Total		\$45,000	\$0	\$0	\$0	\$0	\$45,000	\$0	\$0	\$45,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000
	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).

2021 Water Capital Improvement - Project Summary

Project : SR 125 Water Main Replacement	Project No.:	6401-60182	Project Manager:	TL	Date of Update:	31-Jan-21
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 <u>Master Plan</u> XL	
Township: Pierce					Coordinates:	
Annual Effect on Operations: \$ 500 O&M/year			Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured: No						
Special Conditions: Coordinate Phase I w/ TID						

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$36,600	\$34,100	\$2,500						\$36,600
Land/Easements		\$5,000		\$5,000						\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$432,250	\$82,250	\$350,000						\$432,250
Misc		\$2,000		\$2,000						\$4,000
Total		\$475,850	\$116,350	\$359,500	\$0	\$0	\$0	\$0	\$0	\$477,850
Funding Source:	Capital Improvement Fund	\$ 116,350	\$ 359,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,850
	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 2021 - 1390' as separate WRD project. Design \$31,500.00.

2021 Water Capital Improvement - Project Summary

Project :	SR 131 Elevated Tank Evaluation, Rehabilitation & Coatings Application	Project No.:	6401-	Project Manager:		Date of Update:	31-Jan-21
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	2021	2022	2023	2024	2025	2026-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	\$0	\$15,000	\$377,000	\$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:

2021 Water Capital Improvement - Project Summary

Project : SR 132 North of Judd Road	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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			Capacity <u>Need</u> Consent Order Other
Annual Effect on Operations: \$ 400 O&M/year			Coordinates:
Easements Procured: No			Construction: Bid Opening:
Special Conditions:			Contract Award:
Resolutions: RAGP RADP RON RDTP			Contract Execution:
			Notice to Proceed:

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-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	\$0	\$35,000	\$377,000	\$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

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

Notes:

2021 Water Capital Improvement - Project Summary

Project :	SR 132 Water Service Connections	Project No.:	6401-60152	Project Manager:	CR	Date of Update:	31-Jan-21
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	2021	2022	2023	2024	2025	2026-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		\$100,000		\$100,000						\$100,000	
Misc										\$0	
Total		\$105,200	\$5,200	\$100,000	\$0	\$0	\$0	\$0	\$0	\$105,200	
Funding Source:	Capital Improvement Fund	\$	5,200	\$	100,000	\$	-	\$	-	\$	105,200
	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.

2021 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: 31-Jan-21
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: \$ 1,200 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	2021	2022	2023	2024	2025	2026-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		\$1,265,000		\$700,000	\$565,000					\$1,265,000
Misc		\$2,500		\$2,500						\$2,500
Total		\$1,341,310	\$73,810	\$702,500	\$565,000	\$0	\$0	\$0	\$0	\$1,341,310
Funding Source:	Capital Improvement Fund		\$ 73,810	\$ 702,500	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 941,310
	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 today's standards.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
OPWC funds available august 2020.

2021 Water Capital Improvement - Project Summary

Project : SR 48 & Gibson Rd - New 1 MG Tank	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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
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:			

Capacity
Need
Consent Order
Other

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$40,000							\$40,000	\$40,000
Date Complete:										
Land/Easements		\$50,000							\$50,000	\$50,000
Construction Engineering and Inspection		\$10,000							\$10,000	\$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:

2021 Water Capital Improvement - Project Summary

Project : SR 48 & SR 28 Water Main Replacement	Project No.: 6401-60159	Project Manager: AK	Date of Update: 31-Jan-21	
Description: Replacement of approximately 9,300' of 6" & 8" cast iron water main installed in 1959 along SR 48 from SR 28 to Fay Road and along SR 28 from Smith Road to SR 48, with 16" and 12" ductile iron water main.			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: Goshen			Coordinates:	
Annual Effect on Operations: \$ 1,800 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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$76,400	\$76,400							\$76,400
Date Complete:										
Land/Easements		\$1,500	\$1,500							\$1,500
Construction Engineering and Inspection										\$0
General Contractor		\$1,639,320	\$1,597,800	\$41,520						\$1,639,320
Misc		\$7,670	\$7,670							\$7,670
Total		\$1,724,890	\$1,683,370	\$41,520	\$0	\$0	\$0	\$0	\$0	\$1,724,890
Funding Source:	Capital Improvement Fund	\$ 1,683,370	\$ (758,480)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 924,890
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant OPWC PY33/2019	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000

Positive Aspects of Project:
Replaces cast iron water mains installed in 1959 that are nearing the end of their useful life.

Problems: Easements, Manpower, Materials, Weather, etc

Notes:
Grant funds become available July 2019.

2021 Water Capital Improvement - Project Summary

Project :	Summit Elevated Tank Evaluation, Rehabilitation & Coatings Application	Project No.:	6401-60176	Project Manager:	TL	Date of Update:	31-Jan-21	
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	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	2021	2022	2023	2024	2025	2026-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	\$0	\$542,000	\$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:

2021 Water Capital Improvement - Project Summary

Project : Utility Relocations	Project No.: 6401-60001	Project Manager:	Date of Update: 31-Jan-21
Description: Utility Relocations, due to various road improvement projects. Countywide			Justification: Petition BOH Master Plan XL Capacity Need Consent Order Other
Annual Effect on Operations: Unknown O&M/year	Resolutions: RAGP RADP RON RDTP		Coordinates:
Easements Procured: N/A	Construction:		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$900,000		\$100,000	\$100,000	\$150,000	\$150,000	\$200,000	\$200,000	\$900,000
Misc										\$0
Total		\$900,000	\$0	\$100,000	\$100,000	\$150,000	\$150,000	\$200,000	\$200,000	\$900,000
Funding Source:	Capital Improvement Fund			\$100,000	\$100,000	\$150,000	\$150,000	\$200,000	\$200,000	\$900,000
	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:
 US 50 Drainage Improvements - Bid \$45,000, in 2019.
 SR 32 @ Bach Buxton Water Main Replacement. CLE-32-3.50, Eastern Corridor Segment Iva, Phase 5 - \$20,000.

2021 Water Capital Improvement - Project Summary

Project : Water Distribution Model Maintenance	Project No.: 6401-60156	Project Manager: CR	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$174,900	\$16,200	\$33,700	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$174,900
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor										\$0
Misc										\$0
Total		\$174,900	\$16,200	\$33,700	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$174,900
Funding Source:	Capital Improvement Fund	\$ 16,200	\$ 33,700	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 174,900
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems:

Notes:

2021 Water Capital Improvement - Project Summary

Project : Water Main Replacement Program	Project No.: 6401-	Project Manager:	Date of Update: 31-Jan-21
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	2021	2022	2023	2024	2025	2026-Beyond	Total					
Preliminary Engineering															
Date Complete:															
Detail Plans		\$600,000						\$300,000	\$300,000	\$600,000					
Date Complete:															
Land/Easements		\$150,000						\$75,000	\$75,000	\$150,000					
Construction Engineering and Inspection															
General Contractor		\$5,751,600					\$1,096,600	\$1,280,000	\$3,375,000	\$5,751,600					
Misc															
Total		\$6,501,600	\$0	\$0	\$0	\$0	\$1,096,600	\$1,655,000	\$3,750,000	\$6,501,600					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	1,096,600	\$	1,655,000	\$	3,750,000	\$	6,501,600
	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

(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).

2021 Water Capital Improvement - Project Summary

Project : Watershed/Wellhead Protection	Project No.: 6401-60082	Project Manager:	Date of Update: 31-Jan-21
Description: Watershed/Wellhead Protection County Wide			Justification: Petition BOH Master Plan XL Other
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	2021	2022	2023	2024	2025	2026-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	\$	354,400
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
 Protects wellhead from contamination
 Evaluate area of influence and susceptibility of the MGS wellfield. Finalize and implement the protection plan for MGS and PUB wellfields.

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

Notes:

2021 Water Capital Improvement - Project Summary

Project : Weaver Road Water Petition	Project No.: 6401-60180	Project Manager: AK	Date of Update: 31-Jan-21
Description: Construction of approximately 190' of 8" ductile iron water main to serve two residents along Weaver Road just north of the intersection of Sumner Road.			Justification: Petition BOH Master Plan XL
Township: Stonelick			Capacity Need Consent Order Other
Annual Effect on Operations: \$ 100 O&M/year	Resolutions: RAGP RADP RON RDTP		Coordinates:
Easements Procured: yes	Construction:		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions: Petition/Assessment Project			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$2,000	\$2,000							\$2,000
Date Complete:										
Land/Easements		\$1,000	\$1,000							\$1,000
Construction Engineering and Inspection										\$0
General Contractor		\$24,000		\$24,000						\$24,000
Misc		\$2,000		\$2,000						\$2,000
Total		\$29,000	\$3,000	\$26,000	\$0	\$0	\$0	\$0	\$0	\$29,000
Funding Source:	Capital Improvement Fund	\$	\$ 3,000	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000
	Assessment	\$	-	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000
	Loan	\$	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Grant	\$	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	-

Positive Aspects of Project:

Problems:

Notes:

2020 Water Capital Improvement Project Summary

Project :	Weaver Road Water Petition - 2	Project No: 6401-	Project Manager: AK	Date of Update: 31-Jan-21
Description:	Construction of approximately 6735' of 8" ductile iron water main to serve residents along Weaver Road from 5827 Weaver Road to Newtonsville-Hutchinson Road.			Justification: <input type="radio"/> Petition <input type="radio"/> BOH <input type="radio"/> Master Plan <input type="radio"/> XL <input type="radio"/> Capacity Need <input type="radio"/> Consent Order <input type="radio"/> Other
Township:	Stonelick	Coordinates:		
Annual Effect on Operations:	\$ 1,400 O&M/year	Resolutions: <input type="checkbox"/> RAGP <input type="checkbox"/> RADP <input type="checkbox"/> RON <input type="checkbox"/> RDTP		Construction: <input type="checkbox"/> Bid Opening: <input type="checkbox"/> Contract Award: <input type="checkbox"/> Contract Execution: <input type="checkbox"/> Notice to Proceed:
Easements Procured:	No			
Special Conditions:	Petition/Assessment Project			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$80,400		\$80,400						\$80,400
Date Complete:										
Land/Easements		\$5,000		\$5,000						\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$908,300			\$908,300					\$908,300
Misc		\$5,000			\$5,000					\$5,000
Total		\$998,700	\$0	\$85,400	\$913,300	\$0	\$0	\$0	\$0	\$998,700
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 85,400	\$ 913,300	\$ (454,150)	\$ -	\$ -	\$ -	\$ 544,550
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ 454,150	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Provides public water to area of Weaver Road without public water service.

Problems: Property owner support.

Notes:

2021 Water Capital Improvement - Project Summary

Project : Whitmer Road Water Petition	Project No.: 6401-60196	Project Manager: TL	Date of Update: 31-Jan-21
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
Annual Effect on Operations: \$ 200 O&M/year			Coordinates:
Easements Procured: No			Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions: Combined with sewer petition			Capacity Need Consent Order Other
Resolutions: RAGP RADP RON RDTP			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$24,455		\$24,455						\$24,455
Land/Easements		\$5,000		\$5,000						\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$126,340			\$126,340					\$126,340
Misc		\$5,000			\$5,000					\$5,000
Total		\$160,795	\$0	\$29,455	\$131,340	\$0	\$0	\$0	\$0	\$160,795
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 29,455	\$ 131,340	\$ (131,340)	\$ -	\$ -	\$ -	\$ 29,455
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ 131,340	\$ -	\$ -	\$ -	\$ 131,340
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems: Easements

Notes: