

## Capital Infrastructure Report

Year Completed	Name of Project	Total Cost	Funding Source	Project Description
2020	Danbury Township WWTP & Collection System Improvements, Phase I	\$1,618,706	Local Revenues / \$1,618,706	Replace influent chamber, rehab lagoon blower system, replace Actiflo turbidity & pH meter; and various other improvements to PS#'s 1,2,3,4,6,7,8,9,J11; GPS's 1,2,4,5,7,8,9,10,11, GPS @ WWTP; CIPP lining of 584 lf of 21" RCP, 215 lf of 15" RCP, rehab of hammer taps within the Interceptor, Installation of inside drops & chemical grouting of service connections with manholes
2020	State Road Sanitary Sewer Subsidence - Emergency Repair Project	\$254,623	OPWC Emergency Grant / \$185,290 Local Revenues / \$69,333	Install a new pump station, 470 lf of 3-inch force main, laterals and a manhole to replace a collapsed sanitary sewer
2019	Regional Water - Raw Water Pump Station Improvements	\$30,000	Local Revenues / \$30,000	Rebuild Raw Water Pump #3 (100 HP pump)
2019	PCI WWTP & Collection System Improvements, Phase I	\$2,411,112	OEPA, WPCLF Loan / \$1,197,511 Local Revenues / \$1,213,601	Replace mechanical screen, aerated grit removal system, valves and the WAS force main @ each digester tank, install new telescopic valve on each of the 3 digesters, rehab chlorine contact tank, add new dissolved oxygen probe within each reactor tank and various other improvements to the WWTP; in addition, various improvements to PS#'s 30,40,50,70, 90,110,115, 120,130,132,135,145,150,170,180,190,200,210,220, 230,240,250,260,270,280,285,290,320, 330,340,350, 360,380,390,400,405,410,420,435,437,438,440, 442, 450,500, 510 and the RWPS
2019	Ottawa County Regional Water - Elevated Tank Rehabilitation Project	\$1,167,419	OPWC Loan / \$137,872 Local Revenues / \$1,029,547	Install TTHM improvements (mixers) in the Danbury; rehab & paint the Catawba Island & Harris Township water towers; blast to bare metal and paint the Danbury Tower and replace attitude valve at each tower
2019	Regional Water Treatment Plant Clarifier Mechanism Recoating	\$481,071	OPWC Loan / \$76,922 Local Revenues / \$404,149	Sandblast and repaint clarifiers #1, 2 & 3 mechanism components

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2018	Phase I, Erie Twp Sanitary Sewer Project Serving the Ascher Beach Area	\$1,272,571	ACE - 594 Grant / \$852,405.15 OPWC Loan / \$323,179.95 USEPA Stag Grant / \$62,547.57 Assessment Cash Pays / \$21,975.20 Miscellaneous / \$12,462.80	Extension of 4,073 LF of 8" gravity sewer, 62 LF of 4" force main, 1 pump station complete with VFD's, a standby generator, and one grinder pump to serve the Ascher Beach area in Erie Twp
2016	Ottawa County SSES - Materials Replacement Project	\$41,644	Danbury Local Revenue / \$41,644	Contributed fixed capital to the North Shore Estates Material Replacement Project
2016	Danbury Township North Starboard Avenue Water & Sewer Main Replacement Project	\$344,933	OWDA / \$228,630 Local Revenues / \$116,303	Installation of an 8" gravity sewer main and 3" SDR 21 water mains to replace the existing private sewer and water system serving Plat 6 Services
2015	Ottawa County SSES - Materials Replacement Project	\$70,476	Danbury Local Revenue / \$70,476 PCI Local Revenue / \$0	Provided 16 manholes, 8,364 LF of sanitary sewer pipe and stone in Danbury Township for Cottonwood Beach, Harbor Winds, and Maplewood Cove Mobile Home Parks
2015	Various Regional Water Treatment Plant Upgrades	\$69,634	Local Revenues / \$69,634	Coating containment area, replaced Permanganate Tanks level sensor; Replaced Pinch Valve # 3 Sludge Tower; Replaced VFD for High Service #1; and Installed #1 Carbon Feed Auger
2015	Danbury Water Tower - Aeration Upgrade	\$38,250	Local Revenues / \$38,250	Install additional roof vents and direct drive ingress air ventilator, replace existing spray head with variable pattern/variable flow spray manifold, replumb aeration pump, fabricate & install maintenance access platform inside roof manway
2014	Ottawa County SSES - Materials Replacement Project	\$47,309	Danbury Local Revenue / \$47,309 PCI Local Revenue / \$0	Provided 12 manholes, 6,286 LF of sanitary sewer pipe and stone in Danbury Township for Marine City and Bay Winds Mobile Home Parks

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Year Completed	Name of Project	Total Cost	Funding Source	Project Description
2014	Portage/Catawba Island Barnum Road Sanitary Sewer Improvements	\$128,075	OPWC Loan - \$128,075	Extension of 5,911 LF of 8" sanitary sewer into the unsewered area of Barnum Road (Private Road "H")
2014	Regional Water Replaced #2 High Service Drive	\$28,703	Local Revenue / \$28,703	Replaced #2 high service variable frequency drive
2013	Ottawa County SSES - Materials Replacement Project	\$130,780	Danbury Local Revenue / \$43,272 PCI Local Revenue / \$87,508	Provided 10 manholes, 6,446 LF of sanitary sewer pipe and stone in Danbury Township for Harbors Edge Mobile Home Park; Provided 25 manholes, 11,634 LF of sanitary sewer pipe and stone in Portage/Catawba Island Township for Catawba Point Association and Gem Beach Mobile Home Park
2013	Regional Water Raw Water Intake Line Repairs	\$135,267	OPWC Grant / \$65,050 Local Revenue / \$70,217	Repaired damaged river pipe, repaired and replaced damaged and missing timbers at the intake crib, replaced existing screen removal system & installed video surveillance camera
2013	Regional Water Cold Storage Maintenance Building	\$30,500	Local Revenue / \$30,500	Construction of a 32' x 24' cold storage maintenance building
2012	Ottawa County SSES - Materials Replacement Project	\$237,522	Danbury Local Revenue / \$158,666 PCI Local Revenue / \$78,856	Provided 23 manholes, 23,061 LF of sanitary sewer pipe and stone in Danbury Township for Lakeside Ph. II, Bass Haven North, Fort Firelands, Wilson's Beach, and Zeller's Beach; Provided 18 manholes, 12,618 LF of sanitary sewer pipe and stone in Portage/Catawba Island Township for Knecht's Beach, West Harbor Club, Orchard Isle North and Petersen's Cove
2012	Danbury Township Island View Subdivision & N Erie Beach Road Sanitary Sewer Replacement Project	\$1,672,848	OPWC Grant / \$175,000 Local Revenues / \$1,497,848	Construction/Replacement of 5,269 LF of 8" gravity sewers, 3,034 LF of 6" service laterals and all other related appurtenances

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Year Completed	Name of Project	Total Cost	Funding Source	Project Description
2012	PIB - Langram Road Water Line Extension to Miller Boat Line	\$305,755	OPWC Loan / \$305,755	Construction of 2,015 LF of 8" PVC waterline and other related appurtenances
2011	Regional Water Control Valve Installation Project	\$222,707	OPWC Grant / \$98,912 Local Revenues / \$123,795	Install a control valve, metering, and SCADS system to allow for better control of water towers
2011	Phase II, Regional Water Distribution Hydrant and Valve Cathodic Protection	\$763,437	OPWC Grant / \$275,000 Local Revenues / \$488,437	Replace bolts and install magnesium anodes in 2nd tier regional water distribution areas
2011	Various Regional Water Treatment Plant Repair and Rehabilitation Projects	\$45,000	Local Revenues / \$45,000	Rebuild raw water intake #1; rebuild high service pump #3; rebuild pretreatment basin block wall; clean clearwells
2011	Ottawa County SSES - Materials Replacement Program	\$52,400	Danbury Local Revenues / \$39,202 PCI Local Revenues / \$13,198	Provided 10 manholes, 6,505' of pipe and stone in Danbury Township for Harbor Haven, Phase I, Lakeside Campgrounds, and Behlke's MHP; Provided 3 manholes, 1,759' of pipe and stone in Catawba Island Township for Midway Marina MHP as part of the Sewer Replacement Project
2010	Danbury Township PS #6 Coating Failure Replacement	\$237,400	Danbury Repair & Replacement / \$237,400	Replacement/Restoration of PS #6 wetwell coating due to bonding failure
2010	Phase III, Erie Township Sanitary Sewer Extension to Lake Erie Business Park and Ares	\$510,246	CDBG/ED Grant / \$195,000 OPWC Loan / \$238,440 Connection Charges/Other Sources / \$76,806	Construction of 1,012 LF of 12" Gravity Sewer, 2,651 LF of Force Main and a Pump Station serving Lake Erie Business Park/Ares
2009	Portage/Catawba Island Cathodic Protection of Pump Stations 50, 180, 320, and Raw Water	\$37,838	PCI Repair & Replacement / \$37,838	Installation of rectifiers, meters, and metal rod anodes to cathodically protect each pump station

## Capital Infrastructure Report

Year Completed	Name of Project	Total Cost	Funding Source	Project Description
2009	Phase III, Regional Water DIP Corrosion Mitigation Project	\$1,930,492	STAG / \$477,000 WSRLA Loan / \$316,942 OPWC, SCIP Grant / \$300,000 Distr. Repair & Replacement / \$680,564 Distr. Surplus / \$72,136 Trans. Op / \$58,866 Interest Earnings / \$24,984	Installation of cathodic protection at regular intervals along Oak Harbor SE Rd in Salem Township, and State Route 163 in Danbury Township and a portion of Lakeshore Drive in Erie Township
2009	Phase II, Regional Water DIP Corrosion Mitigation Project	\$2,656,009	Distribution Operations / \$459,653 Distr. Surplus / \$439,370 Interest Earnings / \$62,601 Transmission Operations / \$165,093 OPWC, SCIP Grant / \$325,000 Radio Tower / \$65,138 WSRLA Loan / \$1,139,140 Other Misc. Sources / \$14.00	Installation of cathodic protection at regular intervals along Darr Hopfinger, Mulcahy, & Oak Harbor SE Roads in Bay Township and NE Catawba Road and Cemetery Road in Catawba Island Township and Lakeshore Drive in Erie Township
2008	Phase II, Erie Township Water & Sanitary Sewer to Fenner Dunlop	\$901,484	CBDG ED / \$461,264 DOD, ISIF / \$200,000 Assessments / \$240,220	Construction of 7,005 LF of 8" force main, 570 LF of 8" & 12" gravity sewer, a pump station, and 1,902 LF of 8" & 12" water main to serve Fenner Dunlop, Nugix, and Lake Erie Business Park
2008	Sand Road Area Water Main Replacement Project	\$1,517,368	OPWC, SCIP Grant / \$312,854 OPWC, CE Grant / \$44,931 Township Contribution / \$60,000 Assessments / \$658,601 RW - Other Sources / \$440,982	Replacement of 14,200± of water main originally installed in 1934
2008	Raw Water Intake Emergency Portage River Backup Intake	\$129,760	RW - Transmission Operations / \$129,760	Installed a 24" backup water intake main to the Portage River to assist with intake issues during frazil ice conditions
2008	Various Danbury Wastewater Collection System Upgrades	\$54,500	Operation Revenues / \$54,500	Installed telemetry to 11 submersible pump stations and completed 2 manhole restorations

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2008	PCI - Pump Station Telemetry Upgrades	\$61,442	Operation Revenues / \$61,442	Installed telemetry to 21 pump stations
2008	Danbury, Catawba Island, and Harris Water Tower Telemetry Upgrades	\$20,000	Operational Revenues / \$20,000	Telemetry improvements and upgrades to water towers including altitude valves
2007	Erie Township Sanitary Sewer Project, Phase I	\$1,764,128	Camp Perry / \$1,417,062 DOD, ISIF / \$200,000 Port Clinton / \$16,044 Other Misc. Sources / \$131,022	Construction of a force main to serve Camp Perry. Project oversized to serve Lake Erie Business Park, Fenner Dunlop, ARES, Nugix, BFI and surrounding developments
2007	South Bass Island Water Distribution - Project A	\$3,034,000	FAA / \$1,231,954 OPWC / \$268,249 ODNR / \$282,780 OPWC, CE / \$115,250 Assessments / \$743,382 Capital Improvement Charge / \$392,385	Extension of a public water supply main loop on Catawba, Meachem and Langram Roads to address the illness outbreak that occurred in the summer of 2004 throughout the Island
2007	South Bass Island Water Service to SBI State Park (C-1)	\$73,416	ODNR / \$73,416	Construction of a public water main service to South Bass Island State Park
2006	Allen/Clay Sanitary Sewer Project, Phase IV	\$1,273,322	CDBG Formula (LMI) / \$155,986 Assessments Cash Pay & LMI / \$77,611 OPWC Grant / \$388,035 DOD Grant / \$323,000 Interest Earnings / \$19,922 Assessments / \$245,078 Clay Township / \$17,353 Water & Sewer Rotary / \$21,207 Credit Enhancement (Note) / \$24,930	Construction of 3,615 LF of 12" PVC pipe and 7,241 LF of 8" PVC pipe and all necessary appurtenances
2006	State Route 269 Sanitary Sewer Force Main Replacement Project	\$372,650	OPWC Loan / \$143,018 Interest Earnings / \$15,381 Other Misc. Sources / \$475 Danbury Repair & Replacement / \$213,776	Replacement of 4,452 LF of failed Ductile Iron Pipe, originally installed in 1982 on State Route 269 and Von Glahn Road

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2006	Danbury Township Chemical Feed/Corrosion Control Stations	\$589,692	OPWC Grant / \$115,476 Interest Earnings / \$66,835 Surplus / \$407,381	Construction of 2 new chemical injection facilities to reduce corrosion and odor issues throughout the collection system
2006	Equipment and Storage Building at the Danbury Twp WWTP	\$97,000	Danbury Operations / \$97,000	Construction of an equipment and storage building at the Danbury Township Wastewater Treatment Plant
2006	Portage River 16" Waterline Crossing Emergency Replacement Project	\$208,068	OPWC Grant / \$104,034 Transmission / \$59,270 Port Clinton / \$27,652 Oak Harbor / \$16,591 Interest Earnings / \$521	Replacement of an existing 16" DIP water main crossing the Portage River with a new HDPE pipe by directional drilling across the river
2006	Phase I, Regional Water DIP Corrosion Mitigation Project	\$1,028,051	STAG / \$962,200 Surplus / \$22,437 Interest Earnings / \$17,068 Regional Water DIP Corrosion / \$26,346	Installation of cathodic protection at regular intervals along Fremont Road, Wilcox Road, Lockwood Road and State Road in Portage Township
2005	Regional Water - Valve Bolt Corrosion Repair Project	\$1,864,403	OPWC Grant / \$500,000 OPWC Loan / \$174,000 Regional Water Trans Surplus / \$102,950 Regional Water Distr Surplus / \$882,824 Regional Water Distr Op / \$190,932 Interest Earnings/ \$13,682 Other Misc. Sources / \$15	Replacement of corroded bolts and installation of sacrificial anode bags at 2,100+ valve and hydrant locations
2005	State Road Sewer Sanitary Improvements Project	\$2,090,504	EDA Grant / \$772,484 OPWC Credit Enhancement Grant / \$37,448 OPWC Loan / \$133,798 DOD, CDBG, CW&SG / \$500,000 OW&SRC Ag. Def. / \$28,990 Interest Earnings / \$53,500 Assessment Cash Pays / \$72,973 DOD,CDBG, Formula Grant / \$112,700 CCAO Low Cost Capital Pool Loan / \$378,611	Construction of 3.26 miles of sanitary sewers on State Road between the unincorporated area of Gypsum and the City of Port Clinton

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2005	Plasterbed Road Water and Sewer Improvement Project	\$373,968	CDBG Grant / \$176,453 Kwest/EDA Payment / \$163,932 Other Misc. Sources / \$33,583	Installation of 3,517 LF of 12" PVC waterline and 1,881 LF of 10" and 28 LF of 6" sanitary sewer line and all necessary appurtenances
2005	Danbury Township WWTP Upgrade and Expansion	\$4,941,021	Repair & Replacement Fund / \$139,380 Surplus Fund / \$608,310 Ohio EPA / \$4,150,473 Interest \$42,858	Upgrade and Expansion of the Danbury Township Wastewater Treatment Plant from a 1 mgd facility to a 3.8 mgd facility
2005	Danbury Township Pump Station Rehab Project	\$1,095,371	Ohio EPA / \$824,094 OPWC Grant / \$274,999 Interest / \$439	Rehab of Pump Stations 1, 6, & 7. Works includes replacing pumps, piping, fittings, controls as well as restoration of concrete walls in wet wells
2005	Ottawa County Regional Water Treatment Plant Expansion Project	\$3,711,200	Regional Water Distr Op / \$345,001 OWDA Loan / \$3,267,754 Interest / \$6,358 Radio Tower / \$92,087	Increase capacity of Regional Water Treatment Plant from 6 mgd to 9 mgd
2004	Golf Lane Waterline Project	\$62,753	Assessments OWDA Loan / \$68,065.91* * Includes finance connection fees	Construction of 451 LF of a 8" PVC pipe and 890 LF of 3" PVC pipe waterline to service Golf Lane
2004	PCI P.S. & M.H. Rehabilitation Project	\$1,161,632	PCI Surplus / \$467,501 OPWC Grant / \$174,999 Note / \$510,298 Interest Earnings / \$8,834	Pump station rehabilitation Program and the main wet well/dry well to the WWTP plus 12 manholes
2004	Allen/Clay Sanitary Sewer Project, Phase III	\$1,002,558	Village of Clay Center / \$85,985 STAG Grant / \$549,216 OPWC Loan Assessments / \$222,352 OPWC Grant / \$90,000 Assessments Cash Pay / \$30,946 Interest Earnings / \$8,197 Other Misc. Sources / \$15,862	Construction of 645 LF of 15", 1998 LF of 12", 1774 LF of 10", 7229 LF of 8", 3200 LF of 6" Sanitary Sewer Service and all necessary appurtenances for the Clay Center Village

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2003	Gypsum Area Water Main Replacement Project	\$685,000	EDA Grant / \$339,589 OPWC Grant / \$140,000 OPWC Loan / \$83,933 OPWC Credit Enhancement / \$19,900 Regional Water Distribution Surplus / \$101,578	Construction of 7,103' of 12" and 1,409' of 8" water main replacing old cast & ductile iron lines installed in 1953,1956, and 1981
2003	Portage/Catawba Is WWTP SCADA Systems Improvements	\$261,000	PCI & Danbury Surplus Funds	Updating existing SCADA system including RTU's to approximately 50 PS's, 8 WWTP sites, and 7 odor control buildings
2003	Channel Grove Sanitary Sewer Replacement Project	\$235,000	OPWC Grant / \$92,350 Surplus Fund / \$142,650	Construction of 2,417 LF of 8" gravity sewer, 1,506 LF of 6" sewer laterals & all other related appurtenances
2001	Camp Perry Western Road Water Main Replacement Project	\$197,608	OWDA Loan / \$16,455 OW & SRC / \$28,823 Ottawa Co Reg Water System / \$25,907 Carroll Water System / \$46,242 Village of Oak Harbor / \$9,711 City of Port Clinton / \$16,185 Erie Township Trustees / \$36,993 Assessments / \$9,338 Interest Earnings / \$8,357	Construction of a 12" water main to link the Ottawa County Regional Water System with the Carroll Water and Sewer District to provide an emergency backup water supply
2000	Grinder Pump Station #3 Improvement Project Danbury Township	\$53,446	Danbury Twp Repair & Replacement	Rebuilding Grinder Pump at the corner of State Route 163 and Lake Breeze Circle including electrical upgrade
2000	Portage River South Road Waterline Improvements (Brush Wellman)	\$1,923,670	Economic Development Admin / \$917,597 Department of Development / \$300,000 Ohio Public Works Commission / \$182,179 Brush Wellman / \$500,000 Other Source of Funds / \$31,036	Construction of approximately 5.25 miles of 12" water main, a 500,000 gallon elevated storage tank, hydrants, and other related appurtenances

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1999	Ottawa County Regional Water System	\$67,845,439	OPWC, CE Grants / \$853,128 OPWC, SCIP Grant / \$250,000 Tower User Fees / \$112,015 Interest Earnings / \$1,550,000 Tap Charges / \$132,550 Assess-EPA, 3.84% / \$24,999,291 OW & SRC, 0% Loan / \$950,000 RD Grant / \$1,000,000 RD 4.75%, 35 Yr / \$2,000,000 CDBG, W & S Comp / \$500,000 CDBG, Formula / \$311,000 Port Clinton, Direct / \$275,000 OWDA, 2% / \$29,991,086 EPA, 3.84% / \$4,802,550 Miscellaneous Receipts / \$118,819	Construction of a 6 mgd water treatment plant, 2 - 500,000 gallon elevated water towers and 140 miles of transmission and distribution mains
1999	Perry View Subdivision Plats 5 & 6 Water Main Improvement Project	\$77,382	OWDA Loan / \$86,760	Installation of 1,208 LF of 8" PVC water main in Perry View Subdivision, Plats 5 & 6
1998	Allen/Clay Sanitary Sewer Project, Phase II	\$349,746	OPWC Grant / \$92,022 OPWC Loan / \$44,378 Ohio School Grant / \$213,346	Replace the 35 year old failed Genoa High School Wastewater Treatment Plant with a pump station and 8" force main that will transport wastewater to the Village of Genoa
1998	Dani-Donn Subdivision Water Main Extension	\$49,784	Asses - OWDA Loan / \$49,784	Installation of 2,275 LF of 8" water main in Dani-Donn Acres Subdivision, Plats 2 & 3
1997	Danbury Township Sanitary Sewer Replacement Project, Phase II	\$2,305,000	OEPA, 3.04% Loan / \$1,348,200 OPWC Grant / \$300,000 OPWC , 0% Loan / \$204,251 Sewer District Funds / \$452,549	Replacement of 2.74 miles of sanitary sewer collection pipe and 2.08 miles of lateral pipe

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1997	Allen/Clay Sanitary Sewer Project, Phase I	\$1,341,715	CDBG - ED Grant / \$400,000 EDA Grant / \$610,532 OPWC Grant / \$148,285 Connection Charges / \$167,664 Interest Earnings / \$15,234	Abandonment of the Woodland Estates and Guardian Industries Package plants and providing sewer service to State Route #51 property owners
1997	PCI WWTP Disinfection Facilities	\$197,633	G.O. Bond / \$100,000 Surplus Fund Transfer / \$97,633	Install Dechlorination Facilities to comply with Ohio EPA's new Chlorine Residual limit of 0.38 mg/l
1997	Church Road Sanitary Sewer Extension Project, Phase I	\$181,109	DOD Formula Grant / \$181,109	Installation of 10" and 8" sanitary sewers throughout the southern one-half of Church Road in Danbury Township
1997	Church Road Sanitary Sewer Extension Project, Phase II	\$81,086	DOD Formula Grant / \$81,086	Installation of 8" sanitary sewers throughout the southern one-half of Church Road in Danbury Township
1995	Gypsum Sanitary Sewer Installation	\$1,067,506	CDBG - CW & S Grant / \$500,000 OPWC Design Grant / \$72,725 OPWC Construction Grant / \$216,768 FmHA Grant / \$38,000 Assessments / \$227,320 Other Sources of Revenue / \$12,693	Installation of 16,758 LF of gravity and force main sewer and pump stations
1995	Danbury Emergency Generator Project	\$132,118	Bond Proceeds / \$132,118	Installation of an Emergency Generator System for the WWTP
1995	Danbury Dechlorination Project	\$103,536	Repair/Replacement Fund / \$78,549 Other Fund Balances / \$24,987	Installation of a Dechlorination Building and Equipment
1994	PCI Hydrogen Sulfide Control Project	\$487,255	OPWC Grant / \$100,000 OPWC Emergency Grant / \$37,500 OPWC 4% Loan / \$168,000 G.O. Bond, 20 yrs, 6% / \$181,755	Installation of 4 Hydrogen Peroxide Injection Stations

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1994	Danbury Aeration Tubing Replacement Sludge Removal Project	\$501,783	OPWC Grant / \$171,000 Repair/Replacement Fund / \$171,000 Operational Surplus Fund / \$142,000 Other Sources / \$17,783	Replace Aeration Tubing in Lagoon #1, Install a Moisture Purge System in Lagoon #1 and remove sludge from all three lagoons and the polishing pond
1993	US Gypsum Water Main Extension	\$92,283	FmHA Grant / \$69,213 US Gypsum Share / \$18,456 Ottawa County / \$4,614	Installation of 2,118 LF of 8" water main
1992	Danbury Township State Route #269 Sanitary Sewer	\$244,100	Assessments / \$101,109 OW & SRC / \$142,991	Installation of 4,847 LF of 8" gravity sewer and a pump station
1992	Danbury Township Sanitary Sewer Replacement Project, Phase I	\$2,160,000	OPWC Grant / \$200,000 OEPA Grant / \$15,684 OPWC 4% Loan / \$486,780 Existing Funds / \$757,536 G.O. Bond, 20 yrs / \$700,000	Replacement of 15,265 LF of 8" deteriorated gravity sewers
1992	Salem Township Sanitary Sewer Project	\$856,626	OPWC Grant / \$511,158 County Share / \$354,468	Abandonment of the Riverview WWTP. Replacement with a 12" gravity sewer to Oak Harbor
1991	Portage/Catawba Island Sanitary Sewer Project	\$37,622,977	EPA Grant / \$15,518,815 Issue II / \$1,787,721 OW & SRC / \$28,662 Local Share / \$20,287,779	Installation of a 1.34 mgd Sequencing Batch Reactor WWTP, 45 miles of gravity and pressure sewer pipe, 849 grinder pumps, and 45 main line pump stations
1991	Lacarne Water Main Replacement Project	\$128,730	Assessments / \$101,550 Erie Twp Contribution / \$27,180	Installation of 4,201 LF of 8" water main
1990	State Route 163/53 Water Main Extension	\$399,638	Assessments / \$221,510 OW & SRC Funding / \$118,651 Other Sources / \$40,195 Interest during Construction / \$11,636 Miscellaneous Receipts / \$7,646	Installation or 8,522 LF of 12" water main

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1989	State Road Water Main Replacement	\$145,224	General Obligation Bonds / \$145,224	Replacement of 3,500 LF of deteriorated water mains with 12" PVC water main
1983	Danbury Township Sanitary Sewer Project	\$26,232,875	OEPA / \$13,182,713 FmHA / \$10,650,000 Miscellaneous Receipts / \$2,400,162	Installation of a 1 mgd aerated facultative lagoon system, 21 pump stations, and 45 miles of sewer serving Marblehead and the Danbury Township Peninsula
		<b><u>\$190,360,287</u></b>		

REVISED:

February 8, 2009  
 February 9, 2010  
 January 6, 2011  
 February 3, 2012  
 February 7, 2013  
 January 27, 2014  
 January 14, 2015  
 August 20, 2015  
 January 27, 2016  
 January 30, 2017  
 May 2, 2019  
 January 23, 2020  
 February 8, 2021