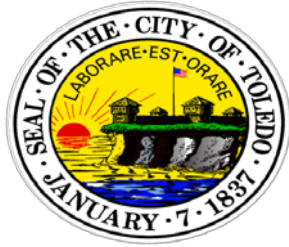


Toledo Water Treatment and Distribution – Capital Improvement Program

Total Cost - \$500 Million

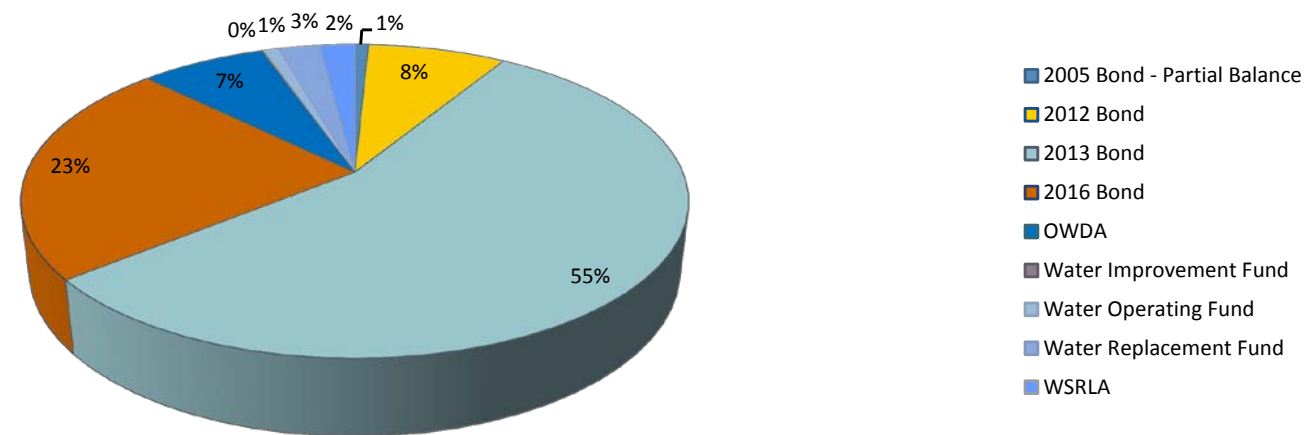


CITY OF TOLEDO

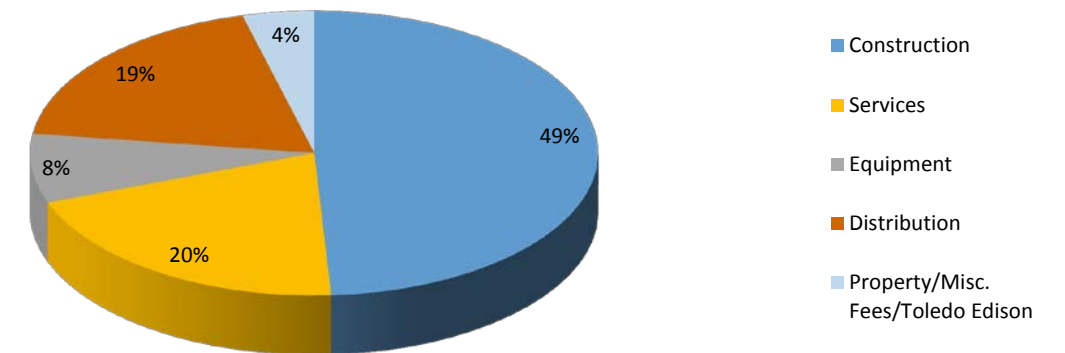
COLLINS PARK WATER TREATMENT PLANT CAPITAL IMPROVEMENTS

FUNDING SOURCE	PROGRAM FUNDING							
	ORIGINAL BOND VALUE	DIS/REAPPROPRIATED BETWEEN BOND FUNDS	UNALLOCATED	AUTHORIZED	COMMITTED BY PO	PENDING	UNCOMMITTED	INVOICED TO DATE
2005 Bond - Partial Balance	\$2,809,839.28	-\$276,135.05	\$0.00	\$2,533,704.23	\$2,533,704.23	\$0.00	\$0.00	\$2,533,704.23
2012 Bond	\$27,500,000.00	\$359,572.25	\$2,228,927.39	\$25,630,644.86	\$21,965,660.33	\$2,431,464.39	\$1,233,520.14	\$18,855,899.38
2013 Bond	\$176,082,500.00	\$1,308,850.05	\$0.00	\$177,391,350.05	\$165,944,942.96	\$7,091,231.00	\$4,355,176.09	\$92,247,691.25
2016 Bond	\$75,000,000.00	-\$750,000.00	\$0.00	\$74,250,000.00	\$44,408,532.41	\$3,610,904.00	\$26,230,563.59	\$10,550,008.98
OWDA			\$0.00	\$23,214,870.52	\$23,066,287.69	\$0.00	\$148,582.83	\$23,066,287.69
Water Improvement Fund			\$0.00	\$428,500.00	\$428,495.61	\$0.00	\$4.39	\$428,495.61
Water Operating Fund			\$0.00	\$2,738,911.55	\$1,884,179.43	\$0.00	\$854,732.12	\$1,562,646.03
Water Replacement Fund			\$0.00	\$7,606,787.87	\$6,407,106.89	\$1,000,000.00	\$199,680.98	\$6,154,106.89
WSRLA			\$0.00	\$6,597,587.60	\$6,196,686.52	\$0.00	\$400,901.08	\$6,196,686.12
TOTALS	\$281,392,339.28		\$2,228,927.39	\$320,392,356.68	\$272,835,596.07	\$14,133,599.39	\$33,423,161.22	\$161,595,526.18

CIP PROGRAM SOURCE OF FUNDS



CIP PROGRAM USE OF FUNDS



2018 CONSTRUCTION CONTRACT BIDS

PROJECT	ESTIMATED PROJECT COST	COMPLETE
Heatherdowns Pump Station Phase 2	\$2,900,000	2019
SDF Filter Press & Thickening Systems Rehab	\$6,500,000	2020
Intake Crib Refurbishment	\$6,200,000	2020
Ozone Treatment Facilities	\$54,000,000	2021
Chemical Conveyance Phase 2	\$8,700,000	2020
Flocc & Filter Area - Fall protection railings	\$1,000,000	2019

PROGRAM COSTS (includes Distribution)

	INVOICED TO DATE
Construction	\$79,266,295.43
Services	\$32,741,850.86
Equipment	\$12,691,581.98
Distribution	\$30,307,247.60
Property/Misc. Fees/Toledo Edison	\$6,588,550.31
TOTAL PAID	\$161,595,526.18

COLLINS PARK WATER TREATMENT PLANT CAPITAL IMPROVEMENTS

ACTIVE PROJECTS

Project	Status	Estimated Project Cost
Backwash Piping Replacement	Study	\$1,073,000
Raw Water Main Inspection	Study	\$1,037,000
60" & 78" Raw Water Mains Upgrades	Study	\$6,204,000
East & West Filter Gallery & Piping Upgrades	Study	\$26,102,000
Filter & Side Gallery Inspections	Study	\$125,490
Basins 1 thru 4 Upgrades	Design	\$45,000,000
Basins 5 & 6 Upgrades	Design	\$21,500,000
High Service & Filtered Water Areas 1 & 2	Design	\$900,000
Intake Crib Refurbishment	Design	\$6,200,000
SDF Filter Press & Thickening Systems Rehab	Design	\$6,500,000
Ozone Treatment Facilities	Design	\$54,000,000
Chemical Conveyance Phase 2	Design	\$8,700,000
Flocc & Filter Area - Fall protection railings	Design	\$1,000,000
Heatherdowns Pump Station Phase 2	Construction	\$2,900,000
Maintenance & Administrative Improvements	Construction	\$13,100,000
RWM Valve Vault Structures & Upgrades	Construction	\$6,900,000
Basin 7 and North Filters	Construction	\$37,500,000
Basin 8 and South Filters	Construction	\$33,000,000
Filtered Water Conduit Ph. 2 - Areas 3, 4 & 5	Construction	\$1,600,000
Low Service Pumping Station	Construction	\$38,103,000
Collins Park Elect. Upgrade	Construction	\$29,500,000
Telemetry Communications	Closeout	\$1,289,000
Elevated Backwash Tank	Closeout	\$619,380
SCADA System	Closeout	\$6,378,000

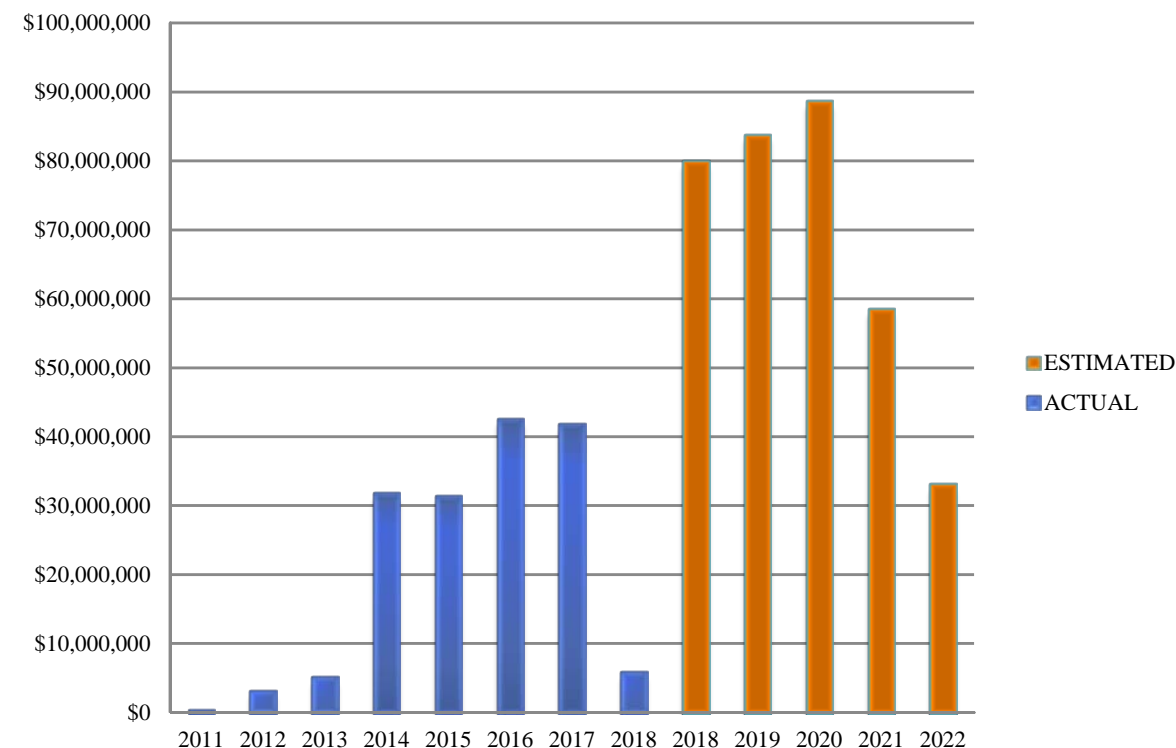
MBE

	Construction	Goods & Services
MBE Goal %	15.00%	10.00%
MBE Paid	\$14,658,513	\$5,711,191
Actual MBE %	18.99%	12.60%

2019-2022 FUTURE PROJECT CONSTRUCTION

Project	Estimated Project Cost	Start	Complete
Basins 5 & 6 Upgrades	\$21,500,000	2019	2021
Basins 1 thru 4 Upgrades	\$45,000,000	2019	2022
Alum Storage Improvements	\$4,553,000	2020	2021
60" & 78" Raw Water Mains Upgrades	\$6,204,000	2020	2022
SDF - Thickener System Expansion	\$9,789,000	2020	2022
Backwash Piping Replacement	\$1,073,000	2020	2022
East & West Filter Gallery & Piping Upgrades	\$26,102,000	2020	2022
East & West Plant Filter Upgrade (HAB)	\$18,406,000	2020	2022
High Service & Filtered Water Areas 1 & 2	\$900,000	2021	2022
High Service Pumping Station	\$8,464,000	2021	2022
Residuals Handling & Dewatering	\$673,000	2021	2022

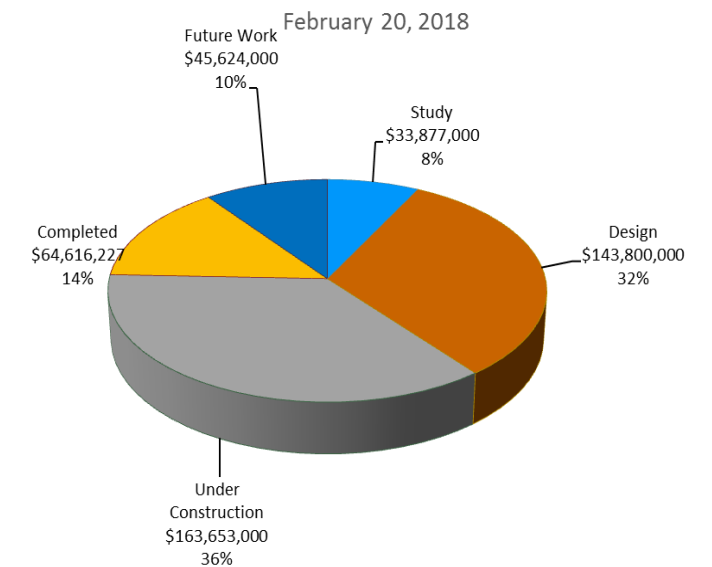
Program Cash Flow



CITY OF TOLEDO WATER CIP

THE FLOW OF PROGRESS

--- AT-A-GLANCE PROGRAM STATUS ---



COMPLETED WORK

Project	Cost
Water Quality, Redundancy & Bldg. Imp	\$11,897,054
HAB Improvements	\$6,114,937
Chemical Building	\$2,639,599
Floc & Sedimentation Basins	\$1,475,502
Plant & Filter Galleries	\$4,755,657
Residuals Handling & Dewatering	\$2,668,520
Plant Site, Conduits & Yard Piping	\$1,792,792
Facilities Replacement & Improvements	\$18,009,012
Electrical & Instrumentation	\$7,524,000
Pumping Stations	\$4,328,029