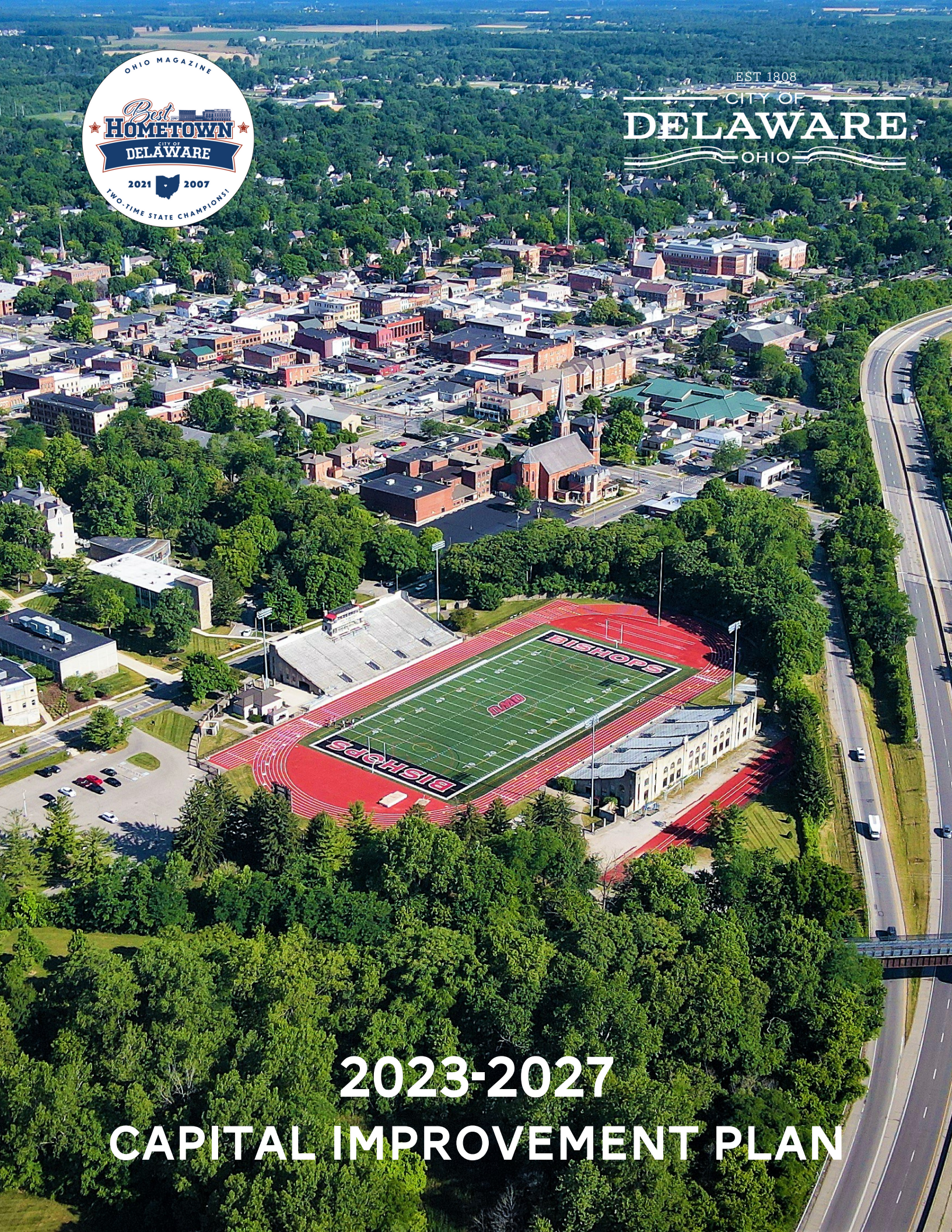


2023-2027
CAPITAL IMPROVEMENT PLAN

EST 1808
CITY OF
DELAWARE
OHIO

MEMORANDUM

TO: Mayor Riggle and Members of City Council
FROM: R. Thomas Homan, City Manager
DATE: 08/15/2022
RE: 2023-2027 Capital Improvement Plan

Pursuant to section 79 of the City Charter, submitted herewith is my proposed 2023-2027 Capital Improvement Plan, adoption of which must occur by October 15. Please see table below for the proposed review and adoption schedule. In addition, consideration should be given as to whether the Finance Committee should be tasked with a more in-depth review, as opposed to the higher-level Council review. I will discuss this further as part of the August 22 first reading.

Event	Time	Place
First Reading	Monday, August 22, 2022	City Council Meeting
Work Session	Monday, August 29, 2022	Work Session
Second Reading	Monday, September 12, 2022	City Council Meeting
Work Session (if needed)	Thursday, September 15, 2022	Work Session
Third Reading	Monday, September 26, 2022	City Council Meeting
Work Session (if needed) *	Monday, October 3, 2022	Work Session
Fourth Reading & Adoption	Monday, October 10, 2022	City Council Meeting

Though it can often be taken for granted, maintaining public assets is some of the most important work a city performs. Many of the projects included in this document result from the technical analysis necessary to identify new or deferred infrastructure rehabilitation needs, and from community and City Council engagement, to help ensure that resources are allocated with an understanding of how our community will benefit or be impacted by a recommended capital improvement.

This continues to be an evolving process, but one the administration takes seriously and commits to continually improving. However, the central message this year has not changed significantly from a year ago: The City of Delaware lacks sufficient resources to fully maintain and fund its entire infrastructure portfolio. This was detailed in the 2022-2026 Capital Improvement Budget and in this proposed 2023-2027 CIP.

As detailed here, the CIP presented is out of balance and will need to be brought into balance by its passage in October. Meanwhile, the Financial Review Task Force continues its work undertaking a review of the City's current financial status and overall outlook. Since Council authorized the formation of the Task Force in March, this team has been meeting twice a month to learn about and evaluate City operations, budgets, finances, and capital needs. As of August, they have elected to meet weekly and are eager to arrive at recommendations for Council before the end of the year.

Depending on what the Task Force brings forward – be it a revenue enhancement ballot proposal or something else - the near-term impact will be minimal. It will be our responsibility over the coming weeks to make necessary adjustments to this proposal that ensure our capital needs and, at the same, time, preserve our financial footing.

Out of Balance

When the 2022-2026 Capital Improvement Plan was presented one year ago, the message noted a growing structural imbalance from 2023 onward. For years, staff has worked to reprioritize projects, shuffle budgets, get creative and make do with "band-aid" fixes to preserve the life of the City's infrastructure on the limited capital funding available.

By the time the CIP budget was presented in October, the impact of delaying these capital projects, compounded with the mounting operational needs associated with the City's rapid growth, was revealed. Just prior to adoption of the 2022-2026 CIP, staff recommended cutting nearly $1.9 million in capital spending to minimize impacts on the 2022 operating budget.

While reducing capital projects may seem like an easy solution to our financial pressures, the ability to balance limited resources with service levels expected by our citizenry is ending. The 2023-2027 Capital Improvement Plan presented is out of balance by nearly $1.1 million in 2023 alone. This deficit grows to nearly $19 million by 2027 and does not reflect several projects currently placed in the Unfunded Projects section.

To address the funding gap for capital needs, the General Fund would need to contribute approximately $6 million toward capital each year after debt service. This would equate to about one third of the General Fund's 1.0% income tax revenues. Currently, the budget for the capital plan is based off 14% of the General Fund's 1.0% budgeted income tax collections.

2023-2027 Highlights

A recurring theme throughout 2022 has been inflation and economic uncertainty. Due to these conditions, costs for infrastructure projects have climbed and some funding programs have been revised to share the financial burden created.

The Point

Current estimated costs associated with the construction stage of the Point project are nearly $37.7 million. The local share of this project has skyrocketed to nearly $13 million. Staff is working diligently to identify ways to address the funding gap and keep this long-standing transportation problem a viable financial possibility.

The City was notified by Congressman Troy Balderson's office that a community project grant in the amount of $2 million had passed the House Appropriations Committee. While this money is not guaranteed, it highlights the importance of this project to the region and is a step in the right direction.

Over the next several weeks, staff will continue to work with our counterparts at the Mid-Ohio Regional Planning Commission, Transportation Review Advisory Council and the Ohio Department of Transportation to help bridge the remaining gap and keep the City's contribution to a 20 percent local match. Council will be provided with funding updates as they become available.

Merrick and Troy Road Improvements

The proposed capital plan includes a new section dedicated to improvements in the northwest area of the City. Over several phases, Merrick will be extended from Cambridge Road to Troy Road, over the railroad tracks and continue to U.S. 23. Also included in this initiative is a roundabout at the intersection of Merrick and Troy and a realignment of a substandard curve on Troy Road located south of Merrick. The entirety of these improvements will be paid through public-private partnerships, developer contributions and recommendations for financing vehicles such as NCAs and TIFs.

Urban Paving Program

ODOT's Urban Paving program sets an annual allocation statewide and is distributed to each of ODOT's 12 districts. Funding is provided on an 80/20 basis with municipalities providing a 20 percent match for project costs on the state and U.S. routes within municipal corporations.

District 6 has recently restructured their Urban Paving program. With this revision, the program will now invert to almost 80 percent of the overall project costs being the burden of the municipality. This CIP reflects this changed program. The annualized cost of this program would now be just over $1.5 million per year if District 6 includes U.S. 23. Should U.S. 23 not be included, the annualized city cost would be approximately $890,000.

Facilities

In addition to the transportation projects, several City facilities will require updates over the coming five years. These include new roofs at both City Hall and the Justice Center, restroom renovations at Mingo and fire suppression upgrades at the Public Works building. The Courts, Prosecutor's Office and Police Department are all in need of more space as the City grows. Eventually, the City will need to add a fourth courtroom, additional storage, offices and room for police officers. One of the possibilities, a new facility, has an estimate provided in the Unfunded Projects section.

Park Impact Fees

The City works diligently to make growth pay for itself. One of the ways in which this occurs is through the collection of impact fees, one-time charges collected from developers to cover the cost of improvements to accommodate new development. Park impact fees will fund three proposed projects in the plan: trail extensions on the Olentangy River Trail and Delaware Run Green, and improvements at Unity Park.

Additionally, three projects can be found in the Unfunded Project section of the plan: South Community Park development; an athletic field complex; Mingo facility and pool improvements. Any of these three projects could be funded, at least in part, through park impact fees. However, the projects will need to be reviewed and prioritized with the Parks Advisory Board and City Council before a financing strategy can be put in place.

Utility Funds

The Water Maintenance capital fund has several plant maintenance projects needed for 2023. These projects when paired with water distribution projects and equipment purchases total almost $3.8 million. The Wastewater Maintenance capital fund is in a similar situation with several plant upgrades and wastewater collection projects totaling just over $3.8 million shown in 2023. As the operating budget is reviewed, staff will evaluate the user rates for these funds to see if an increase is required or if short term debt will be sufficient to spread out the cost of these projects.

Unfunded Projects

The Unfunded Projects section of the capital improvement plan is reserved for large projects that would require a debt issuance of $1 million or more to fund. These projects include the following:

- Apron A expansion at the Delaware Municipal Airport
- Swimming Pool at Mingo Park
- Comprehensive parking solution
- Justice Center space concerns

Conclusion

While this capital improvement plan is being presented out of balance, the City is taking steps toward fiscal sustainability. The Task Force mentioned earlier is one example. City staff also is working to implement cost recovery measures where possible. This plan reflects capital investments that should allow heavily subsidized departments of the City to begin to generate revenues to better fund their operations. A further step will be a review of fees during the operating budget cycle.

Toward that end, I look forward to involving Council in more of the decision making as we enter a critical time with the City's finances and strive to keep Delaware a vibrant city.

In closing, I want to thank and acknowledge all our departments for their hard work. Also, sincere thanks to Assistant to the City Manager, Alycia Ballone, Acting Finance Director Rob Alger, Community Affairs Coordinator Lee Yoakum, Financial Specialist Mikkele Roy, Accounting Specialist Elke Lonas.

CITY OF DELAWARE OHIO

TABLE OF CONTENTS

CITY OF DELAWARE
CAPITAL IMPROVEMENT PLAN
GENERAL FUND SUMMARY
2023-2027

	2023	2024	2025	2026	2027
BALANCE FORWARD		**50,000**	**(8,228,279)**	**(13,750,183)**	**(18,459,236)**
REVENUES:					
Income Tax (14% of 1% GF Collections)	2,602,509	2,628,534	2,654,819	2,681,368	2,708,181
City Hall Annex Rent	81,794	78,000	78,000	78,000	78,000
BALANCE PLUS REVENUE	**2,684,303**	**2,756,534**	**(5,495,459)**	**(10,990,816)**	**(15,673,055)**
EXPENDITURES:					
DEBT SERVICE					
2019 City Hall/Software (through 2034)	547,350	548,400	214,000	209,200	209,400
Sawmill - Water Capacity Repayment	220,000	220,000	220,000	220,000	220,000
TOTAL DEBT SERVICE	**767,350**	**768,400**	**434,000**	**429,200**	**429,400**
AMOUNT AVAILABLE FOR CAPITAL IMPROVEMENTS AFTER DEBT	***1,916,953***	***1,988,134***	***(5,929,459)***	***(11,420,016)***	***(16,102,455)***
OTHER EXPENDITURES					
Airport Improvements	261,123	145,750	-	55,000	-
Parks Improvements	217,000	710,500	1,117,000	210,500	155,000
Cemetery Improvements	135,000	420,000	25,000	250,000	200,000
Facilities Improvements	236,000	3,538,500	4,017,000	923,000	303,500
Streets Improvements	215,330	2,439,900	1,017,600	4,261,080	285,000
The Point	-	510,263	395,124	391,141	387,117
Police Department Improvements	-	719,500	144,000	-	-
Equipment Replacement	802,500	1,732,000	1,105,000	948,500	951,000
TOTAL OTHER EXPENDITURES	**1,866,953**	**10,216,413**	**7,820,724**	**7,039,221**	**2,281,617**
ENDING BALANCE	**50,000**	**(8,228,279)**	**(13,750,183)**	**(18,459,236)**	**(18,384,072)**

CAPITAL IMPROVEMENT PLAN
AIRPORT IMPROVEMENTS
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
NEW ABOVE GROUND FUEL FARM	-				
Delaware County		500,000			
HANGARS D, E & F TAXILANES & DRIVE					
FAA Entitlement	300,000				
FAA Discretionary	86,000				
ODOT Match	21,443				
APRON B REHABILITATION					
ODOT Grant		427,500			
ALP UPDATE/TERMINAL PLAN					
FAA Entitlement		150,000			
ODOT Match		8,250			
NEW TERMINAL BUILDING					
FAA Entitlement				300,000	
BIL-AIG Aging Terminal Funds				400,000	
ODOT Match				15,000	
***CIP Allocation** (pg.1)*	***261,123***	***145,750***	**-**	***55,000***	**-**
TOTAL REVENUES	**668,566**	**1,231,500**	**-**	**770,000**	**-**
EXPENDITURES:					
NEW ABOVE GROUND FUEL FARM					
Design	75,000				
Build		500,000			
HANGARS D, E & F TAXILANES & DRIVE					
Construction	573,566				
Construction Engineering	20,000				
TERMINAL PARKING LOT RESURFACING		75,000			
APRON B REHABILITATION					
Construction		450,000			
Construction Engineering		40,000			
ALP UPDATE/TERMINAL PLAN		166,500			
NEW TERMINAL BUILDING				770,000	
TOTAL EXPENDITURES	**668,566**	**1,231,500**	**-**	**770,000**	**-**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS
Airport
Above Ground Fuel Storage

BACKGROUND

The existing underground fuel storage tanks and distribution system is approaching the end of its anticipated 30-year useful life. In 2021, corrosion and suspended particles were identified in the general aviation 100 LL fuel tank resulting in shutting down of the fuel dispensing system while the cause was investigated. Inspection revealed deteriorate interior components that must be replaced to place the system back into temporary operation. Even with repairs, the system must be replaced to avoid additional fuel system disruptions. Because both the 100 LL and Jet A fuel systems were installed at the same time and in identical tanks/components, it is anticipated the Jet A fuel tank and appurtenances are also subject to the same deterioration and must also be replaced.

In 2021, the City agreed to service corporate jet traffic associated with the Muirfield Golf Club. As a result, certain airport infrastructure must be addressed to accommodate the increase in aircraft ground traffic to an acceptable LOS. Proposed is the decommissioning of the existing fuel storage/delivery system following construction of a new elevated fuel dispensing system like the one depicted in the image. The project could be a design/build initiative for expediency and to utilize the expertise available through the fuel dispensing equipment design, fabrication, and installation community.

PROJECT TIMELINE

2023	Prepare Design/Build Contract for AGF System
2024	Construction of AGF Storage/Abandon existing underground fuel system
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		Design/Build Project Construction
2024	$500,000	
2025		
2026		
2027		
TOTAL	**$500,000**	

PROJECT TEAM

CITY LEAD: Public Works Airport/Engineering
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS
Airport
T-Hangar Pavement Rehabilitation

BACKGROUND

The latest pavement rating performed by ODOT Dept. of Aviation indicates the pavement between existing T-hangars is in poor condition. With the earliest sections constructed in 1987, the pavement is over 35 years old and in need of rehabilitation. The pavement composing the main taxi aisles is eligible to receive federal funding while the connections to the individual hangar doors from the taxi aisles are not and require local funds to complete. The FAA provides 'Entitlement' funds covering 90% of eligible project costs, with ODOT providing an additional 5%. The City is responsible for 5% of cost plus 100% of non-eligible items. Pavement between Hangars A, B & C was rehabilitated in 2021. The second phase includes the pavement between hangars D, E & F, and the access driveway north of the hangars.

PROJECT TIMELINE

2022	Final Plans Completed
2023	Rehabilitation of T-hangar D, E & F pavement
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$593,566	$300,000 FAA Entitlement; $86,000 FAA Discretionary; 21,443 ODOT; $166,123 5% Local AIP Match & 100% Local Items
2024		
2025		
TOTAL	**$593,566**	

PROJECT TEAM

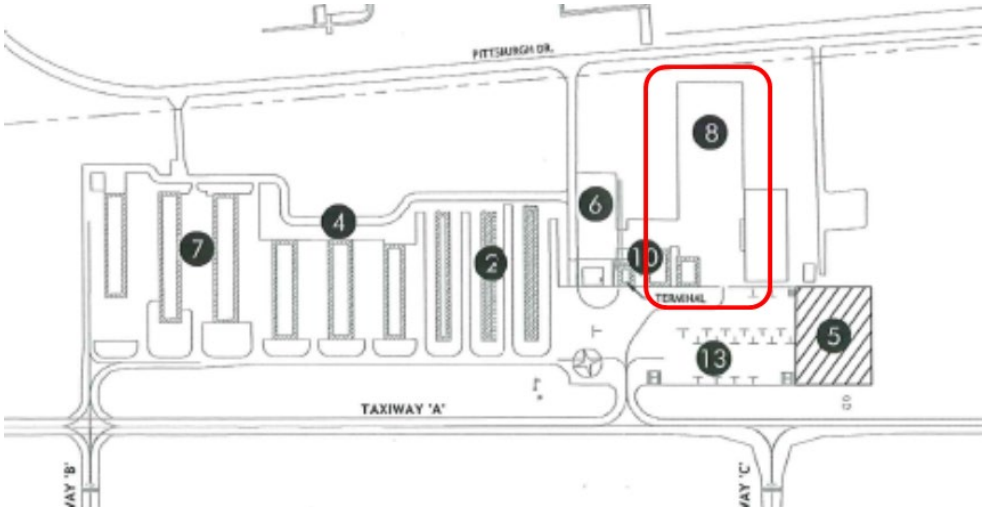
CITY LEAD: Public Works – Airport/Engineering Division
DESIGN CONSULTANT: CHA
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS
Airport
Apron 'B' Rehabilitation

BACKGROUND

The latest pavement rating was completed in November 2016 and revealed that the pavement of Apron 'B' is in poor condition and in need of rehabilitation. Originally constructed in 1987, the pavement is over 35 years old and in need of significant restorative efforts including drainage improvements, subgrade repairs, and pavement replacement, collectively identified as rehabilitation. The utility of the apron is also in transition as a potential corporate hanger project may require the relocation or elimination of existing small aircraft tie-downs in order to provide ample maneuvering room for larger jet aircraft accessing the northeast quadrant of the apron. Work on the section of pavement is not eligible for federal FAA or ODOT funding, and therefore must be paid for locally.



PROJECT TIMELINE

2023	
2024	Design/Bid/Construction
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		$427,500 ODOT & $62,500 Local Funds. Not eligible for FAA Funds
2024	$490,000	
2025		
2026		
2027		
TOTAL	**$490,000**	

PROJECT TEAM

CITY LEAD: Public Works – Airport/Engineering
DESIGN CONSULTANT: CHA
CONTRACTOR: TBD

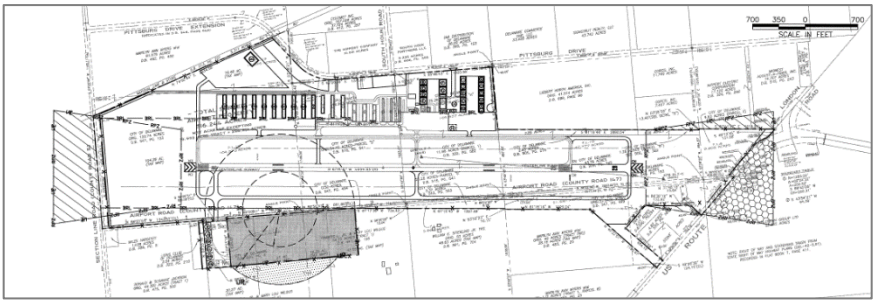
EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS
Airport
Layout Plan (ALP) UPDATE

BACKGROUND

The Airport is managed in part by an FAA approved Airport Layout Plan that includes facility improvements into the future that support the airport operations. The last plan update was completed in 2006. The general goals and objectives addressed by an airport master plan include the following:

- To provide a framework for long-range planning (20 to 30 yrs)
- To graphically present preferred airport development concepts
- To define the purpose and need for development projects
- To comply with all applicable FAA requirements
- To enable the airport to achieve its mission
- To assure compatible land use development
- To identify facility requirements for all airport users



PROJECT TIMELINE

2023	
2024	ALP Update – Engineering Services
2025	
2026	Plan Update
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		$150,000 FAA; $8,250 State; $8,250 Local Match
2024	$166,500	
2025		
2026		
2027		
TOTAL	**$166,500**	

PROJECT TEAM

CITY LEAD: Public Works Airport/Engineering
DESIGN CONSULTANT: CHA
CONTRACTOR: N/A

CAPITAL IMPROVEMENT PLAN
PARKS & NATURAL RESOURCES DEPARTMENT
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Golf Course Funds	20,000				
Park Levy	22,000				
Grant - Locust Curve Improvements	28,000				
CIP Allocation ***(pg.1)***	***217,000***	***710,500***	***1,117,000***	***210,500***	***155,000***
TOTAL REVENUES	**217,000**	**710,500**	**1,117,000**	**210,500**	**155,000**
EXPENDITURES:					
PLAYGROUND EQUIPMENT					
Carson Farms Park		90,000			
Oakhurst Park		50,000			
Cheshire Park		40,000			
Locust Curve Park	100,000				
Sunnyview PPG Park		45,000			
Mingo Park			20,000		
Glenross Park				70,000	
Nottingham Park			80,000		
Kensington Place					60,000
FIELD/COURT IMPROVEMENTS					
Carson Farms Park	60,000				
Mingo Park	35,000				25,000
Smith Park		100,000	600,000	10,000	
Bennett Park		35,000			
Sunnyview PPG Park		35,000			
Oakhurst Park		35,000			
Glenross Park			17,000		
Nottingham Park				25,000	
Blue Limestone Park					10,000
POOL IMPROVEMENTS					
Pool Improvements	50,000	230,500	35,000	45,500	
HIDDEN VALLEY GOLF COURSE					
Entrance Gate	20,000				
OTHER PARK IMPROVEMENTS					
Splash Pad Features				60,000	60,000
Signage	22,000				
Blue Limestone New Restroom			350,000		
Trail Maintenance - Gravel		50,000	15,000		
TOTAL EXPENDITURES	**287,000**	**710,500**	**1,117,000**	**210,500**	**155,000**

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Playground Equipment

BACKGROUND

The Parks and Natural Resources department is responsible for 24 parks throughout the City. Every year, as part of the Capital Improvement Plan, playground equipment is replaced to maintain safe and accessible community parks. The lifespan of playground equipment is typically 15 years but depending on use that can sometimes be extended by several years.

In 2023, the play structures and swings at Locust Curve will be replaced.

In 2024, the play structures and swings at Carson Farms, Oakhurst, Cheshire, and Sunnyview PPG Parks will have improvements or be replaced.

In 2025, the swings at Mingo Park and the play toy and tot play toy at Nottingham Park are scheduled for replacements.

In 2026, the play structure at Glenn Ross will be replaced. The equipment was installed in 2011.

In 2027, the Kensington Place play structure is scheduled to be replaced.

PROJECT TIMELINE

2023	Locust Curve Parks playground improvements
2024	Carson Farms, Oakhurst, Cheshire and Sunnyview PPG Park playground improvements
2025	Mingo and Nottingham playground improvements
2026	Glenn Ross playground improvements
2027	Kensington playground improvements

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$100,000	General Fund CIP Allocation
2024	$225,000	
2025	$100,000	
2026	$70,000	
2027	$60,000	
TOTAL	**$555,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Field & Court Improvements

BACKGROUND

In 2023, we are recommending addressing the tennis and basketball courts at Carson Farms Park. These courts have not been resurfaced since 2004 when they were installed. We are proposing a resurfacing of the Mingo tennis courts which were last done in 2016. We are also recommending additional infield material to maintain our existing baseball fields. We were able to make significant improvements in 2022 and have seen a dramatic increase in use.

We are recommending the renovation of the Smith Park tennis, pickleball and basketball courts. The increased use has steadily increased particularly with pickleball use and we are recommending a court replacement to repair surfaces that are over 20 years old.

PROJECT TIMELINE

2023	Carson Farms Park courts, Mingo tennis court resurfacing
2024	Smith Park baseball field fencing, Bennett Park, Sunnyview basketball court resurfacing, Oakhurst court resurfacing
2025	Smith Park Baseball infield, Glenross Park court resurfacing
2026	Nottingham Park basketball court resurfacing, Smith Park resurfacing
2027	Mingo and Blue Limestone resurfacing

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$95,000	General Fund CIP Allocation & Recreation Levy Funding
2024	$205,000	
2025	$617,000	
2026	$35,000	
2027	$35,000	
TOTAL	**$987,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Recreation- Jack Florance Pool

BACKGROUND

In 2023, we are recommending the purchase of new lane lines, lane line reel, picnic tables and bleachers. These items need replacement for safety reasons. The high dive is also in need of replacement due to structural flaws and safety concerns. We had several incidents where pool users did not want to go off the platform, however our rules do not allow them to climb back down the ladder because of the risk this poses from falling off. We are proposing a new structure (please see photo) that will allow them to walk back down a staircase. In addition, we are recommending a budget to fix equipment in the filtration room.

In 2024, we are recommending replacement of the pool slide pumps and replacement of the lighting. The lighting replacements will consider a model that could be moved to a renovated pool.

PROJECT TIMELINE

2023	Pool Mechanical Room
2024	Slide pumps, lighting, Shade Structures, Pool Vacuum, High Dive Structure
2025	Recreation Center Restroom Renovations, pool Umbrellas
2026	Gym Floor, Pool Vacuum
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$50,000	General Fund
2024	$230,500	
2025	$35,000	
2026	$45,500	
2027	$0	
TOTAL	**$361,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
PARKS & NATURAL RESOURCES DEPARTMENT
OAK GROVE CEMETERY
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
CIP Allocation ***(pg.1)***	***135,000***	***420,000***	***25,000***	***250,000***	***200,000***
TOTAL REVENUES	**135,000**	**420,000**	**25,000**	**250,000**	**200,000**
EXPENDITURES:					
Arterial Road Paving	85,000				
Minor Road Chip & Seal		70,000			
Gravel Road Sections			25,000		
Gateway Garden Area (Sandusky St)				250,000	
Memorial Garden Area (Liberty Rd)		150,000			
Creekwalk Area					200,000
Memorial Garden - Cremation Area	50,000	200,000			
TOTAL EXPENDITURES	**135,000**	**420,000**	**25,000**	**250,000**	**200,000**

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Oak Grove Cemetery

BACKGROUND

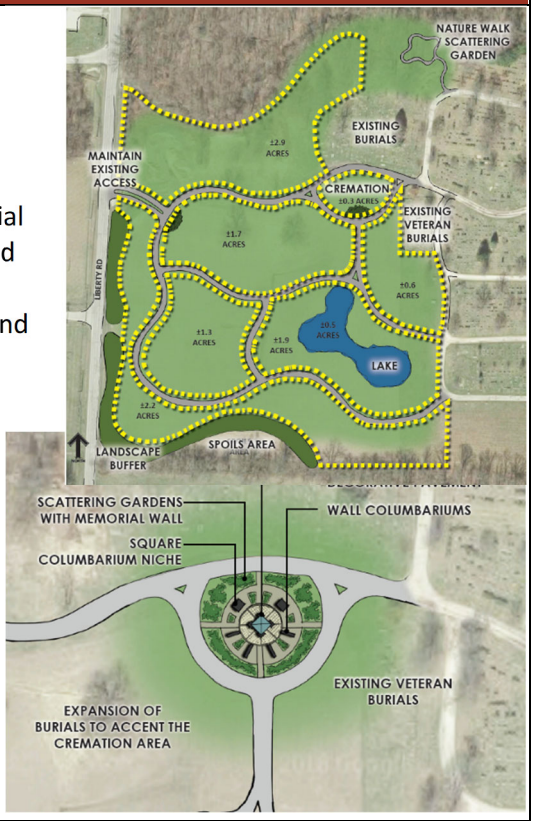
In 2018, the city completed a cemetery master plan that outlined future expansion and improvements for the cemetery. In 2020, the city was able to complete engineering plans for these improvements.

In 2023, we are recommending new paving for the arterial roadway through the cemetery. This will direct traffic and greatly improve the appearance of the cemetery. In addition, we are proposing improvements on the west end of the cemetery to the expansion of burial sites and interment options.

In 2024 and 2025, we are recommending additional road improvements for the minor roads and expansion of the memorial garden that is proposed in 2023.

In 2026, we are recommending beginning work on the Gateway Garden area on the Sandusky Street side of the cemetery.

In 2027, we are proposing the beginning of the Creekwalk section of the cemetery.



PROJECT TIMELINE

2023	Roadway improvements, Memorial Garden – cremation area
2024	Roadway improvements, Memorial Garden
2025	Roadway improvements
2026	Gateway Garden
2027	Creekwalk

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$135,000	At this time no outside funding sources have been identified.
2024	$420,000	
2025	$25,000	
2026	$250,000	
2027	$200,000	
TOTAL	**$1,030,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
FACILITIES IMPROVEMENTS
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
SMR Admin Funds					
CIP Allocation *(pg.1)*	***236,000***	***3,538,500***	***4,017,000***	***923,000***	***303,500***
TOTAL REVENUES	**236,000**	**3,538,500**	**4,017,000**	**923,000**	**303,500**
EXPENDITURES:					
CITY HALL					
Boiler	10,000	10,000			
Exterior Masonry Work		85,000			
HVAC Controls		100,000			
Water Heater		18,000			
New Roof		200,000			
Fire Suppression Valves			10,000		
Interior Paint			25,000	25,000	
Generators			200,000		8,000
Exterior North Entry Remodel				70,000	
JUSTICE CENTER					
Hot Water Heater	11,000				
Loop Pumps	16,000				
Heat Pump Replacements	35,000	35,000	35,000	35,000	35,000
Interior Paint	13,000	25,000	25,000	25,000	
Door Hardware Replacement	-	45,000			
Carpet Replacement		25,000	25,000	25,000	25,000
Exterior Paint	-	40,000			
Boiler		10,000	10,000	10,000	
Acoustic Walls in Court		50,000			
Hard Surface Furniture - Courts		300,000			
PD Kitchen Upgrade		20,000			
Roof Replacement		400,000			
Fire Suppression Valves			12,000		
Remote Condensor Halon			20,000		
Cooling Tower			30,000		
Wayfinding			30,000		
Furniture Upgrades			300,000		
Sign on Union Street			22,000		
New Entry Way for Security		620,000			
Renovate/Add Bathrooms		200,000			
LED Conversion		100,000			
OC Sensors, Bailiff Station, Ceiling Tiles		100,000			
Debrief Room Remodel				30,000	
Jury Room Remodel				100,000	

CAPITAL IMPROVEMENT PLAN
FACILITIES IMPROVEMENTS
2023-2027

	2023	2024	2025	2026	2027
Fire Suppression Air Compressor					3,500
Halon Unit - IT Room					30,000
MINGO					
Ceiling and Wall Covering in Gym				150,000	
Upgrade Bathrooms by Gym	10,000				
Replace VCT Flooring North Section		20,000			
Replace RFP in Hallways		15,000			
Re-do Tower Entry to Gym			25,000		
Pedestrian Improvements	15,000				
Gym Floor				100,000	
3 Season Restoration - Restrooms	50,000				
Concession Renovation - Restrooms		50,000			
Parks/Buildings Maintenance Facility			3,000,000		
PUBLIC WORKS					
Additional Bay for Large Trucks		150,000			
Fleet Garage Door Windows		7,500			
Refuse Building Smoke Alarm		28,000			
Refuse Backup Generator		95,000			
Nitrogen System for Fire Suppression	50,000				
Fleet Unit Heaters	6,000		6,000		
Clean Burn Units	20,000	20,000			2,000
Exterior Paint		110,000			
Interior Paint		25,000			
SMR Steel Rollup Doors		55,000			
Fleet Epoxy Floor Coating		130,000			
Misc Building Improvements		200,000	200,000	200,000	200,000
Driveway Repairs		200,000			
Traffic Storage		50,000			
Hotzy Pressure Washer			12,000		
Signage from Gate			30,000		
SMR Hot Water Heater				3,000	
Parking Lot Lighting				150,000	
TOTAL EXPENDITURES	**236,000**	**3,538,500**	**4,017,000**	**923,000**	**303,500**

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES
Building Maintenance
City Hall

BACKGROUND

The City Hall building needs several aesthetic and safety updates. Improvements are necessary for the ongoing upkeep and maintenance of the facility. Major maintenance items include HVAC controls, roofing, back-up generator, and other building improvements. Most improvements are identified on a schedule for replacement at the end of their respective useful life. The HVAC Control system is now obsolete, therefore parts are hard to come by second hand.

PROJECT TIMELINE

2023	Boiler
2024	Boiler, Exterior Masonry Work, HVAC Controls Upgrade, Water Heater, New Roof
2025	Fire Suppression Valves, Interior paint, Backup Generator for the whole building
2026	Interior paint, North Exterior Entry Remodel
2027	Generators

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$10,000	There are possible grant opportunities that will be explored.
2024	$413,000	
2025	$235,000	
2026	$95,000	
2027	$8,000	
TOTAL	**$761,000**	

PROJECT TEAM

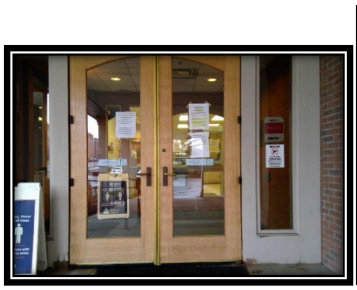
CITY LEAD: Building Maintenance
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES
Building Maintenance
Justice Center

BACKGROUND

The Justice Center was built in 1992 and needs several aesthetic updates. Improvements are necessary for the ongoing upkeep and maintenance of the facility. The building has not been renovated since. Major maintenance items include HVAC units, roofing, flooring, interior/exterior paint, and other building improvements. Most improvements are identified on a schedule for replacement at the end of their respective useful life.





PROJECT TIMELINE

2023	Hot water heater, loop pump, heat pump, interior paint
2024	Heat pump, interior paint, door hardware, carpet, exterior paint, boiler, acoustic walls in courts, hard surface furniture in courts, PD kitchen upgrade, roof replacement, entry way, renovate/add bathrooms, LED conversion, bailiff station
2025	Heat pump, interior paint, carpet, boiler, fire suppression valves, remote condenser halon, cooling tower, wayfinding, furniture upgrades, sign on Union Street
2026	Heat pump, interior paint, carpet, boiler, debrief room remodel, jury room remodel
2027	Heat pump, carpet, fire suppression air compressor, halon unit in IT room

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$75,000	General fund & court funds
2024	$1,970,000	
2025	$509,000	
2026	$225,000	
2027	$93,500	
TOTAL	**$2,872,500**	

PROJECT TEAM

CITY LEAD: Building Maintenance
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

PARKS & NATURAL RESOURCES
Building Maintenance
Mingo

BACKGROUND

The Mingo building needs several aesthetic and safety updates. Improvements are necessary for the ongoing upkeep and maintenance of the facility. Major maintenance items include ceiling and wall coverings, updating bathrooms, concession restrooms, replacing flooring and roof. Most improvements are identified on a schedule for replacement at the end of their respective useful life. The original building, or portions of the building are expected to be demoed with the next Levy. The newer section has been untouched since it was built.





PROJECT TIMELINE

2023	Re-do the bathrooms by the Gym, Pedestrian improvements, 3 Seasons Restoration
2024	Concession Renovation, Replace VCT flooring in north section, replace RFP in hallways
2025	Re-do exterior entry to the Gym
2026	Ceiling and wall covering in gym, Gym Floor
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$75,000	
2024	$85,000	
2025	$25,000	
2026	$250,000	
2027	$0	
TOTAL	**$435,000**	

PROJECT TEAM

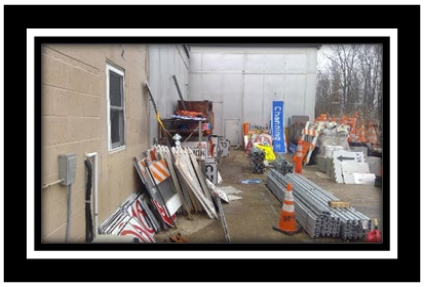
CITY LEAD: Building Maintenance
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES
Building Maintenance
Public Works

BACKGROUND

The Public Works facility needs several aesthetic and safety updates. Improvements are necessary for the ongoing upkeep and maintenance of the facility. Major maintenance items include flooring, interior/exterior paint, storage, generator, and other building improvements. Most improvements are identified on a schedule for replacement at the end of their respective useful life.



PROJECT TIMELINE

2023	Nitrogen System for suppression, Fleet Unit Heaters, Clean Burn Unit
2024	Epoxy Coat Fleet Area, Exterior paint, Additional Fleet Bays, Refuse Building Smoke Alarm, Refuse backup generator, Miscellaneous Building Improvements, Clean Burn unit, Traffic area storage, Interior Paint, SMR Steel roll up doors, Fleet Garage Door Windows, Driveway Repairs
2025	Miscellaneous Building Improvements, Signage, Fleet Unit Heaters, Hotzy Washer Pressure
2026	Parking Lighting around the building, Miscellaneous Building Improvements, SMR Hot Water Heater
2027	Miscellaneous Building Improvements, Clean Burn Units

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$76,000	General Fund & SMR Fund
2024	$1,070,500	
2025	$248,000	
2026	$353,000	
2027	$202,000	
TOTAL	**$1,949,500**	

PROJECT TEAM

CITY LEAD: Building Maintenance
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES
Building Maintenance
Parks/Maintenance Facility

BACKGROUND

The Parks/Facility division have outgrown the current setup at 440 East William Street. Bill Ferrigno has also stated the need of our space for his divisions under his belt.

PROJECT TIMELINE

2023	
2024	
2025	New Building
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	
2024	$0	
2025	$3,000,000	
2026	$0	
2027	$0	
TOTAL	**$3,000,000**	

PROJECT TEAM

CITY LEAD: Building Maintenance
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
STREETS & TRAFFIC DIVISIONS
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
License Fees	440,000	440,000	440,000	440,000	440,000
Gas Taxes	800,000	800,000	800,000	800,000	800,000
Sidewalk Assessments	109,670	100,000	100,000	100,000	100,000
CDBG RESURFACING					
CDBG Grant Funding	170,000				
OPWC RESURFACING					
OPWC Grant	450,000	450,000	450,000	450,000	450,000
County Match	150,000	150,000	150,000	150,000	150,000
ODOT URBAN RESURFACING		513,400	317,300	1,043,120	
CHESHIRE ROAD EXTENSION					
TIF Monies		800,000	800,000	800,000	800,000
CIP Allocation *(pg.1)*	***215,330***	***2,439,900***	***1,017,600***	***4,261,080***	***285,000***
TOTAL REVENUES	**2,335,000**	**5,693,300**	**4,074,900**	**8,044,200**	**3,025,000**
EXPENDITURES:					
Highway Improvements					
SAWMILL PARKWAY PHASE G, PART 2					
City Contribution to Construction (Delaware County)		500,000			
Traffic Signals					
US36 & CARSON FARMS	350,000				
STREET LIGHTING - HPS TO LED CONVERSION		200,000	200,000	200,000	200,000
Street Resurfacing Program					
CDBG RESURFACING	170,000				
CDBG NEIGHBORHOOD REVITALIZATION - DESIGN	80,000				
LOCAL RESURFACING	360,000	360,000	360,000	360,000	360,000
OPWC RESURFACING	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
CONSTRUCTION INSPECTION & ENGINEERING	50,000	50,000	50,000	50,000	50,000
ODOT Urban Paving Program					
US 36 - West Corp Limit to Sandusky St		1,939,400			
SR 521 - N Sandusky St from William to Central		172,900			
SR 37 - West Corp Limit to Troy Rd			793,000		
SR 521 - Bowtown Rd to North Corp Limit			170,900		
US 36 - Point to East Corp Limit				2,358,500	
*US 23 - Olentangy St to Hills Miller Rd**				564,600	
*US 23 - Cheshire Rd to US 42**				1,973,100	

CAPITAL IMPROVEMENT PLAN
STREETS & TRAFFIC DIVISIONS
2023-2027

	2023	2024	2025	2026	2027
Parking Lot & Path Maintenance					
Multi Use Path Maintenance		113,000	108,000	142,000	89,000
Facilities & Public Parking Lot Maintenance		79,000	193,000	106,000	100,000
Fire Department Parking Lot Maintenance		-	-	-	26,000
Parks Parking Lot Maintenance		79,000	-	90,000	-
Public Utilities Parking Lot Maintenance					
Safe Walks Program					
City Deficiencies (Resurfacing Streets)	75,000	125,000	125,000	125,000	125,000
ADA Ramp Improvements	25,000	50,000	50,000	50,000	50,000
Property Owner Deficiencies	25,000	25,000	25,000	25,000	25,000
Delaware County Projects					
CHESHIRE ROAD EXTENSION		800,000	800,000	800,000	800,000
TOTAL EXPENDITURES	**2,335,000**	**5,693,300**	**4,074,900**	**8,044,200**	**3,025,000**

*Pending review of "urban priority segments" on US 23

**Unfunded Project

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS

Annual Resurfacing Program

BACKGROUND

The annual resurfacing program is established to maintain the current street network within the City. The City of Delaware currently maintains a 192-mile street network, which is one of the most significant assets owned by this City. Currently over 56-miles of combined alley, local collector and arterial streets are in need of resurfacing at an estimated cost of $28 million. However, most of the available funds continue to be directed toward our Arterial and Collector streets as they carry much higher traffic volumes, leaving little funding available for residential streets. In the upcoming years we will see significant changes in the CDBG program and Urban Resurfacing program. These changes will further limit the already limited funding available to our residential streets. A sustainable pavement maintenance program requires the resurfacing of an estimated 9.9 miles of streets on an annual basis at a cost of $4.2 million in annual funding.

Recently ODOT has limited its contribution toward resurfacing of the State and US routes effectively doubling the local funding share in these efforts and transfers the responsibility of plan development and project administration to the City. This further reduces funding available for local street resurfacing, including available funds for OPWC grant match, and adds significant work for the limited staff of the Public Works department assigned to roadway maintenance.

PROJECT TIMELINE

2023	OPWC, Urban Resurfacing (SR37, SR521), CDBG, Local Streets
2024	OPWC, Urban Resurfacing (US 23) & Local Streets
2025	OPWC, Urban Resurfacing (SR37, US36, SR521) Local Streets
2026	OPWC & Local Streets
2027	OPWC & Local Streets

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$1,860,000	OPWC Funds $450,000 (Collector & Arterial Streets) Delaware County Grant Match $150,000 (Collector & Arterials) CDBG Resurfacing $170,000 (Program ending in 2023) RLF Resurfacing $30,000 (Program ending in 2023) Urban Resurfacing Program $170,000/mile contribution to City Gas Tax $800,000 License Fees $440,000
2024	$3,722,300	
2025	$2,573,900	
2026	$6,506,200	
2027	$1,610,000	
TOTAL	**$16,272,400**	

PROJECT TEAM

CITY LEAD: Public Works – Engineering
DESIGN CONSULTANT: In House Engineering Design
CONTRACTOR: To be determined through competitive bidding

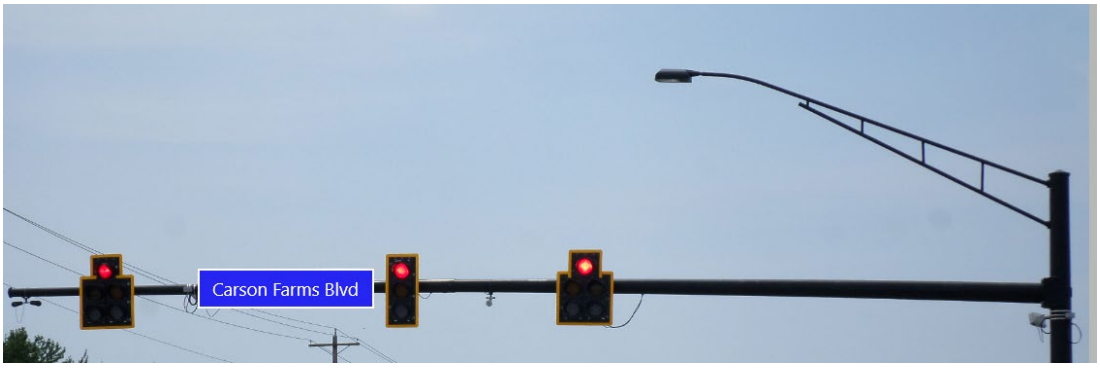
EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS

US-36 & Carson Farms Blvd/ Valleyside Dr Signal Improvements

BACKGROUND

This project consists of installing a traffic signal at the intersection of US-36 & Carson Farms Boulevard/ Valleyside Drive. Based on existing traffic volumes, a signal warrant analysis was performed per OMUTCD requirements. It was found that two (2) of the eight (8) traffic signal warrants were met. The traffic signal will be a mast arm design configuration, and include intersection lighting and pedestrian accessibility to connect the bike path across US-36 on the west side of Carson Farms Boulevard/Valleyside Drive. The preliminary and final design will be completed in 2021 and the construction is scheduled to commence in 2023.



PROJECT TIMELINE

2021	Final Design
2023	Construction

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	350,000	The project will be funded through general fund revenues.
2024		
2025		
2026		
2027		
TOTAL	$350,000	

PROJECT TEAM

CITY LEAD: Public Works – Engineering
DESIGN CONSULTANT: ms consultants
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS

Safe Walks Program

BACKGROUND

Sidewalks that are free of trip hazards and other deficiencies are essential to pedestrian safety. The Safe Walks Program makes repairs to defective sidewalks by identifying deficiencies on an ongoing basis and making repairs each year. The vast majority of deficiencies are associated with uneven sidewalk lifted by street tree roots and as such are the City's responsibility. Permanent repairs involve removal of concrete slabs, digging out roots below the walk, and pouring new concrete sections. This process is time consuming and expensive at an estimated $300 per section of walk, exceeding both financial and staffing resources to complete all identified deficiencies. Where a deficiency is not related to street tree damage, the property owner is notified of their responsibility to make repairs.

The Safe Walks Program approach each year is to (1) make repairs to City deficiencies along streets being resurfaced, (2) identify property owner deficiencies along streets being resurfaced and requiring property owners to make repairs, and (3) address citywide deficiencies reported through customer service requests. There is currently a growing back log of sidewalk requiring repair by the city. For repairs that are property owner responsibility, an annual Resolution of Necessity will be required for the City to make repairs on deficiencies not repaired by the property owner. The costs associated with the Resolution of Necessity work will be recouped by sidewalk assessments.




PROJECT TIMELINE

2023-2027	$125,000 annually for repairs to sidewalk sections determined to be the responsibility of the city to maintain (Typically tripping hazards associated with street trees). $50,000 annually for repair to handicap ramps along public streets $25,000 annually for repair to sidewalk determined to be the responsibility of property owners. These costs are reimbursable through direct invoicing to the property owner and/or property assessments

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023-2027	$200,000 annually	General Fund Revenues & Property Owner Sidewalk Assessments
TOTAL	**$1,000,000**	

PROJECT TEAM

CITY LEAD: Public Works – Engineering Division
DESIGN CONSULTANT: N/A
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
THE POINT
2023-2027

	2023	2024	2025	2026	2027
BALANCE FORWARD	-	-	-	-	-
REVENUES:					
MORPC Grant	14,887,326				
MORPC Grant - Additional 10%	1,488,733				
TRAC Grant	8,000,000				
Community Projects**	2,000,000				
Urban Paving Allowance	497,263				
JEDD Funds	187,753	189,630	191,527	193,442	195,376
JEDD II Funds	37,050	37,421	37,795	38,173	38,554
Berkshire NCA	55,598	56,153	169,022	170,712	172,419
Storm Fund	600,000				
Project Trust	100,000				
Water Fund	400,000				
Wastewater Funds	200,000				
Conduit Bank Reimbursements	120,000				
Debt Issuance	9,101,009				
General Fund Transfer		510,263	395,124	391,141	387,117
TOTAL REVENUES	**37,674,731**	**793,467**	**793,467**	**793,467**	**793,467**
EXPENDITURES:					
DEBT SERVICE					
The Point ($9.1M, 6%, 20 years)		793,467	793,467	793,467	793,467
THE POINT					
RR Force Account (80% MORPC/20% Local)	4,968,761				
Construction	28,933,380				
Construction Contingency	1,457,919				
Construction Engineering	2,314,671				
TOTAL EXPENDITURES	**37,674,731**	**793,467**	**793,467**	**793,467**	**793,467**

**Pending approval in the Senate

CITY OF DELAWARE OHIO

PUBLIC WORKS

The Point Improvements

BACKGROUND

"The Point" intersection is located at the location where US 36 and SR 37 converge on the east side of the City, immediately west of the Norfolk Southern railroad overpass. The skewed alignment of the two roads, compounded by the narrow two-lane passage below the rail bridge restricting traffic to a single lane in each direction, limit the overall intersection capacity to manage current and anticipated future traffic loading. On average, 25,000 vehicles a day pass below the bridge, with traffic models projecting that number to increase to almost 40,000 vehicles a day by 2040. Traffic congestion and lengthy backups are routine during morning and afternoon peak-hour traffic conditions. In 2009 the City reconfigured the intersection slightly, relocating the signal further west on US 36 and realigning SR 37 to the new location. The improvement provided immediate relief to westbound traffic congestion and delay; however, modelling predicated that increasing eastbound traffic congestion was anticipated within seven to ten years as traffic volumes continued to increase in the area.

This project will relieve congestion and increase safety along US 36 and SR 37 by increasing the number of vehicular lanes beneath the Norfolk Southern Railroad bridge allowing for two lanes of travel in each direction beneath the railroad. The widened bridge will eliminate the notorious westbound merge on US 36 as vehicles approach the bridge. Eastbound traffic flow will benefit immediately from this improvement as dual through-lanes are established on both SR 37 and US 36 approaching the intersection adding significantly improved intersection capacity. Shared use paths connecting the east side of the community to the Glenwood Commons commercial center are also included as part of the overall improvement.

Additional improvements at the US 36 with SR 521 intersection are included to address intersection safety and congestion issues there, as well.

PROJECT TIMELINE

2022	Final Design, Right of Way Acquisition, Utility Relocates, Railroad Permitting
2023	Construction of Temporary Rail Bridge and Roadway Improvements
2024	Construction of Permanent Rail Bridge and Roadway Improvements
2025	Construction Complete

FINANCING

AMOUNT	IDENTIFIED FUNDING SOURCE(S)
16,376,059	MORPC Grant for Construction and Construction Engineering + 10%*
8,000,000	TRAC
2,000,000	Public Projects Federal Grant BIL (Pending Federal Approval)
497,263	State Preservation Funds
1,200,000	Storm, Sanitary, and Water Funds
100,000	Project Trust Funds
9,221,009	Other Local Funds, State & Federal funds
$37,674,731	

PROJECT TEAM

CITY LEAD: Public Works – Engineering & Ohio Department of Transportation
DESIGN CONSULTANT: Gannett Fleming

CAPITAL IMPROVEMENT PLAN
MERRICK BLVD TROY RD IMPROVEMENTS
2023-2027

	2023	2024	2025	2026	2027	2028	2029
BALANCE FORWARD	-	6,103,000	192,632	1,504,896	2,165,642	2,382,219	4,158,765
REVENUES:							
Developer Contribution	260,000	130,000					
Transportation per Lot Contribution	153,000	150,000	149,000				
Potential TIF/NCA Revenues		737,132	1,663,264	1,160,746	1,576,576	1,796,546	1,860,346
Debt Issuance	6,750,000					19,500,000	
TOTAL REVENUES	**7,163,000**	**1,017,132**	**1,812,264**	**1,160,746**	**1,576,576**	**21,296,546**	**1,860,346**
EXPENDITURES:							
DEBT SERVICE							
Note Interest/Principal		337,500	500,000	500,000	500,000	6,000,000	
Debt Service ($19.5M, 6%, 20 years)							1,700,099
PHASE 1A: CAMBRIDGE TO TROY							
Final Design	455,000						
Construction		4,920,000					
Construction Engineering		265,000					
PHASE 1B: TROY CURVE							
Final Design	125,000						
Construction		1,330,000					
Construction Engineering		75,000					
PHASE 2: CSX RAILROAD CROSSING							
Stage 1 Design	285,000						
AEP Costs	105,000				860,000		
Railroad Costs	90,000					880,000	
Design Build						12,030,000	
Construction Engineering						610,000	
TOTAL EXPENDITURES	**1,060,000**	**6,927,500**	**500,000**	**500,000**	**1,360,000**	**19,520,000**	**1,700,099**

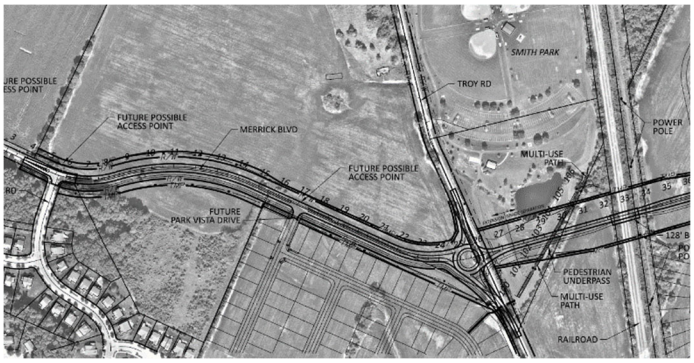
EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS

Merrick Boulevard Extension to Troy Road

BACKGROUND

This project will extend Merrick Parkway from its current eastern terminus to Troy Road (length of roughly 1900 LF). The intersection of Merrick & Troy will be designed as a modern roundabout which will provide traffic calming along Troy Road where vehicle speeds are generally higher than the posted speed limit of 35 MPH. The extension will provide access for multiple residents of the subdivisions that exist to the west, and the many hundreds more from residential growth planned adjacent to this extension. A traffic study commenced in 2021 to determine if Merrick Parkway should be extended east of Troy Road across the CSX RR tracks to US23 and concluded that Merrick should extend to US23. As part of the Phase 1 design, the alignment of Merrick over the RR will be advanced as well.



PROJECT TIMELINE

2023	Final Design of Phase 1A & Phase 1B; Stage 1 Design, AEP & Railroad for Phase 2
2024	Construction & Construction Engineering for Phases 1A & 1B
2027	AEP Utility Work
2028	Railroad, Design Build and Construction Engineering for Phase 2

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$1,060,000	Developer contributions, NCA and TIF revenues
2024	$6,590,000	
2027	$860,000	
2028	$13,520,000	
TOTAL	**$22,030,000**	

PROJECT TEAM

CITY LEAD: Public Works– Engineering
DESIGN CONSULTANT: TBD

CAPITAL IMPROVEMENT PLAN
PARK IMPACT FEES
2023-2027

	2023	2024	2025	2026	2027
BALANCE FORWARD	**891,037**	**915,537**	**(2,224,463)**	**(3,109,463)**	**(2,899,463)**
REVENUES:					
Potential TIF/NCA		140,000	900,000		
Park Impact Fees	454,500	460,000	460,000	460,000	460,000
BALANCE PLUS REVENUE	**1,345,537**	**1,515,537**	**(864,463)**	**(2,649,463)**	**(2,439,463)**
EXPENDITURES:					
Stratford Olentangy Trail		350,000			
Olentangy River Trail					
Pollock Road		80,000	600,000		
Downtown		700,000	120,000		800,000
Delaware Run Greenway					
Blue Limestone to Grady		1,000,000	250,000		
Valleyview		20,000			
Land Acquisition	200,000	200,000	200,000	250,000	
Oakhurst Trail (BROPATH)		140,000	900,000		
Lexington Glen Park			175,000		
Unity Park	160,000	800,000			
Mill Run Trail Improvements	70,000	450,000			
Mingo Facility Improvements					150,000
TOTAL EXPENDITURES	**430,000**	**3,740,000**	**2,245,000**	**250,000**	**950,000**

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Greenway and Park Improvements

BACKGROUND

In 2023, we are recommending expansion of Unity Park (formerly Ross St Park) to include walking trails, greenspace, restrooms and a splash pad. These improvements were recommended through public outreach and development of a park master plan.

In 2024, we will look at moving forward with trail connections along the Olentangy Corridor and Delaware Run. The Olentangy corridor in the downtown area will be a priority as this corridor has opportunities to improve the downtown district. In addition, the Delaware Run corridor at Blue Limestone Park will be a priority to move the east-west trail connection forward. We are also recommending construction of the Mingo Park River walk after completing public outreach in 2022. This section would separate pedestrians from vehicular traffic and complete a loop trail in the park. The park has experienced increased use and the connection would greatly improve safety in the park. The Mingo Park river trail would be a forerunner to extending the trail along the river corridor. We would also recommend planning the Oakhurst Park pedestrian connection south to Pennsylvania Ave, also referred to as B.R.O.P.A.T.H. The Addison development will complete a portion of this and making the north and south connections will become a priority in the trail system. This will also greatly increase safety and offer an alternative option for pedestrian traffic currently on U.S.23.

In 2025, we are recommending a connection from the Stratford Road and U.S. 23 connection south to Chapman Road and Pollock Road. This will involve a partnership with Delaware and Liberty Townships to potentially submit a grant for trail construction.

In 2026, we are recommending an expansion to the Delaware Run Greenway. A feasibility study suggested a pedestrian tunnel under the CSX line next to Blue Limestone park to allow expansion of the a pedestrian trail west to the Hidden Valley Golf Course and potentially Grady Hospital.

PROJECT TIMELINE

2023	Unity Park loop trail, Mill Run trail improvements, Delaware Run Corridor
2024	Olentangy River Corridor, Delaware Run Corridor, Oakhurt Trail
2025	Olentangy River Corridor and Delaware Run Corridor
2026	Delaware Run Corridor
2027	Olentangy River Corridor

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$430,000	Park Impact Fees,
2024	$3,740,000	
2025	$2,245,000	
2026	$250,000	
2027	$950,000	
TOTAL	**$7,615,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
POLICE DEPARTMENT
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Police Impact Fees	20,000	20,000			
CIP Allocation ***(pg.1)***	**-**	***719,500***	***144,000***	**-**	**-**
TOTAL REVENUES	**-**	**739,500**	**144,000**	**-**	**-**
EXPENDITURES:					
Evidence Storage Building		400,000			
Police Sub-Station					
Police K9 Replacement		32,000			
Firearms Training Simulator		125,000			
Meridian Archer Barriers		162,500			
Speed Warning Camera System	20,000	20,000			
Justice Center Fleet Carport			108,000		
UAV Replacement			36,000		
TOTAL EXPENDITURES	**20,000**	**739,500**	**144,000**	**-**	**-**

EST 1808 CITY OF DELAWARE OHIO

POLICE DEPARTMENT

Evidence Storage Building

BACKGROUND

The police department currently maintains two evidence storage locations. A secure evidence room at the Justice Center for current caseload items and a long-term storage facility off-site. The off-site facility is nearing its maximum capacity and lacks proper environmental controls.

This proposal would potentially fund the building of a new facility at property owned by the city on Curve Road. The new facility would be constructed for utilities, the use of technology, environmental control, and security.

PROJECT TIMELINE

2023	
2024	Evidence Storage Building
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024	$400,000	
2025		
2026		
2027		
TOTAL	$ 400,000	

PROJECT TEAM

CITY LEAD: Police Department
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

EST 1808 CITY OF DELAWARE OHIO

POLICE DEPARTMENT

Police K9 Replacement

BACKGROUND

The Delaware Police Department currently maintains (2) canine teams. The dogs are Belgian Malinois and are state certified as multi-purpose patrol dogs. The multi-purpose designation indicates they can detect narcotics, perform area search operations, and assist in suspect apprehension.

A working canine's operational life span depends on several variables. The types of deployment, on-duty injuries, and unforeseen illnesses. Generally, under optimum conditions, police canines remain on duty for approximately eight to ten years.

K9 Ollie was acquired by the City of Delaware in 2015 and K9 Tyson was purchased in 2019. It is anticipated K9 Ollie will retire in or around 2024, depending on his health.

PROJECT TIMELINE

2023	
2024	Police K9 Replacement
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024	$32,000	
2025		
2026		
2027		
TOTAL	**$ 32,000**	

PROJECT TEAM

CITY LEAD: Police Department
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

EST 1808 CITY OF DELAWARE OHIO

POLICE DEPARTMENT

Firearms Training Simulator

BACKGROUND

To adequately respond to high risk, potentially lethal, situations it is necessary for officers to be properly equipped and trained. The addition of a firearms simulator system would allow the Delaware Police Department to conduct realistic scenario-based training.

Internal training is beneficial as it can be done multiple times a year, is not limited to a one-time rental, and can be scheduled within parameters complimentary to the department's daily duty schedule. There are no fees or travel costs associated with internal training. Certified department trainers/instructors can develop training curriculums specific to the challenges Delaware Officers face.

PROJECT TIMELINE

2023	
2024	Firearms Training Simulator
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$125,000	At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024		
2025		
2026		
2027		
TOTAL	**$ 125,000**	

PROJECT TEAM

CITY LEAD: Police Department
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

EST 1808 CITY OF DELAWARE OHIO

POLICE DEPARTMENT

Justice Center Car Port

BACKGROUND

The Delaware Police Department currently maintains a fleet of vehicles, both marked and unmarked, to support law enforcement functions within the city. The vehicle inventory represents a substantial financial investment.

The addition of a car port adjacent to the Justice Center would reduce the environmental impact on departmental vehicles. It would reduce sun and heat damage. Increase response times during winter months delayed buy snow- and ice-covered cruisers. The car port would also protect vehicles from dust and debris associated with US23.

PROJECT TIMELINE

2023	
2024	
2025	Justice Center Car Port
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024		
2025	$108,000	
2026		
2027		
TOTAL	**$ 108,000**	

PROJECT TEAM

CITY LEAD: Police Department
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

EST 1808 CITY OF DELAWARE OHIO

POLICE DEPARTMENT

UAV Replacement

BACKGROUND

The Delaware Police Department formed an unmanned aerial vehicle (UAV) team in 2020. The team is currently equipped with a DJI Matrice 300 RTK and a Brinc Lemur. The Matrice 300 is a large commercial style drone while the Lemur is smaller and designed to be used in close quarter spaces.

UAVs can be used to quickly gain situational awareness of large areas. They can quickly search for a loss child, provide an aerial snapshot of large crowds, map large crime scenes, or give firefighters an aerial view of a fire incident.

The budgeted amount allows for the replacement of one large UAV. Routine replacement supports the use of up-to-date technology, ensures software compatibility, and reduces maintenance costs due to warrant availability.

PROJECT TIMELINE

2023	
2024	
2025	UAV Replacement
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024		
2025	$36,000	
2026		
2027		
TOTAL	**$ 36,000**	

PROJECT TEAM

CITY LEAD: Police Department
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

CAPITAL IMPROVEMENT PLAN
FIRE/EMS DEPARTMENT
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Fire/EMS Income Tax	12,390,230	12,514,132	12,639,274	12,765,666	12,893,323
Fire Impact Fee Funds	100,000	100,000	100,000	100,000	100,000
TOTAL REVENUES	**12,490,230**	**12,614,132**	**12,739,274**	**12,865,666**	**12,993,323**
EXPENDITURES:					
DEBT SERVICE					
Station 303 ($2,755,000, 2.94%, 2032)	199,535	189,875	190,855	196,805	193,515
Station 304 ($3,500,000, 15 yrs, 2031)	284,000	281,000	282,800	284,200	285,200
EMS Vehicles (3) - (800,000, 10 yrs.)	94,050	92,250			
Station 305 ($4,000,000, 4 yrs)	1,124,891	1,093,668	1,062,445	1,031,223	
CAPITAL PROJECTS					
Technology Replacement	101,483	37,709			8,987
St 301-AC Unit Replacement	60,000				
COMP Plan-Sprinkler Grant	250,000	250,000	250,000	250,000	250,000
Automatic External Defibrillators		65,450			
Fire Stations	9,000,000			250,000	
SCBA Replacement				832,000	
EQUIPMENT REPLACEMENTS					
Heavy Rescue Replacement				1,074,351	
Medic Replacement	447,770			1,467,870	
New Medic	447,770				
Car Replacement	75,000	130,000	66,950		
New Car - Risk Reduction		65,000			
Ranger 6 x 6	30,000				
Boat				25,335	
Mower Replacement	10,692				
TOTAL EXPENDITURES	**12,125,191**	**2,204,952**	**1,853,050**	**5,411,784**	**737,702**

EST 1808 CITY OF DELAWARE OHIO

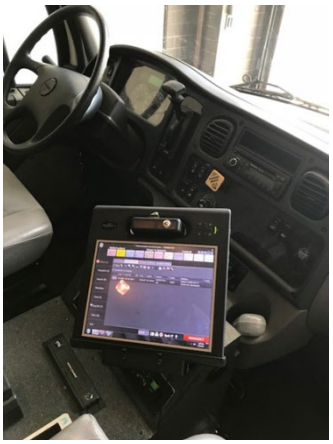
FIRE DEPARTMENT

Technology Replacement

BACKGROUND

In 2023, the Department will continue to replace aging technology. The Fire Department uses technology that includes station computers, printer/copiers and mobile data computers. Mobile data computers provide access to dispatch information, access to information in existing databases, researching hazardous materials, and the uploading of medical reports to the hospital. Mobile data computers are replaced every 5-years. The replacement of the computers, mobile data terminals, and mobile wireless ports are anticipated to cost roughly $148,179 over the next 5 years. This project will be funded utilizing the Fire Fund. The Fire Department will be looking for alternative funding sources for this equipment.

- 2023 - Mobile data computers for all apparatus and two station copiers.
- 2024 – Replacement of station computers
- 2025 – No schedule replacement
- 2026 – No schedule replacement
- 2027 – Replacement of computers and copiers



Mobile Data Terminal (MDT)

PROJECT TIMELINE

2023	MDTs and copiers specified, purchased, and operational
2024	Computers and copiers specified, purchased, and operational
2025	No Action
2026	No Action
2027	Computers and copiers specified, purchased, and operational

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$101,483	Fire/EMS Fund
2024	$37,709	
2025	$0	
2026	$0	
2027	$8,987	
TOTAL	**$148,179**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: Fire Department and IT Department
CONTRACTOR: Vendor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Station 301 Air Conditioning Units

BACKGROUND

Fire Station 301's air conditioning units are being recommended for replacement by Environmental Air. These units were installed as part of the 1997 remodel and are over 25 years old. As part of the Capital Improvement Plan, the replacement of the Station is being planned. The funding for the air conditioning unit is being requested and would only be utilized should there be a failure and the repairs not able to be made. In addition to this, the boiler is the original and has experienced repairs. It has been recommended for the replacement of this as well; however, this cost would be more extensive and require an analysis by a mechanical engineer.

PROJECT TIMELINE

2023	Purchase and replace if unable to repair
2024	No Action
2025	Replace as part of Fire Station 301 Renovation
2026	No Action
2027	No Action

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$60,000	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$60,000**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: Fire Department and Environmental Air
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Comp Plan - Fire Sprinkler Incentive

BACKGROUND

In 2021, the City of Delaware, through internal and external stakeholders, developed a new comprehensive plan.

Action E.13.1 Incentivize sprinkler systems for historic buildings. *Although not a requirement for the State of Ohio, installing sprinkler systems in historic buildings, especially in the downtown core, could become an important fire safety standard for the City in the future. Grant funding could incentivize the installation of these sprinkler systems. One of the potential funding streams the City could consider is a portion of an income tax that is directed toward the fire department.*

The Fire Department is recommending funding as the downtown historic buildings continue to be redeveloped. This funding would only be used as authorized by City Administration and City Council.

PROJECT TIMELINE

2023	Provide funding to assist building owners for fire sprinkler installations
2024	Provide funding to assist building owners for fire sprinkler installations
2025	Provide funding to assist building owners for fire sprinkler installations
2026	Provide funding to assist building owners for fire sprinkler installations
2027	Provide funding to assist building owners for fire sprinkler installations

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$250,000	Fire/EMS Fund
2024	$250,000	
2025	$250,000	
2026	$250,000	
2027	$250,000	
TOTAL	**$1,250,000**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: Outside contractor to be determined
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

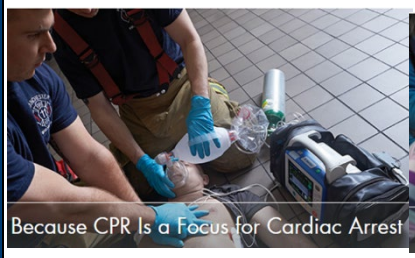
FIRE DEPARTMENT

City Automatic External Defibrillators

BACKGROUND

The Department's automated external defibrillators (AEDs) are aging and will be reaching their life expectancy. AEDs are located in all city buildings and in all police cruisers. The life expectancy of the AEDs units are 10-years.

2024 – Replacement of (45) AEDs for City Facilities and Police Department Vehicles



PROJECT TIMELINE

2023	No Action
2024	AEDs ordered and placed in-service
2025	No Action
2026	No Action
2027	No Action

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Fire/EMS Fund
2024	$65,450	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$65,450**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: Fire Department
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Fire Stations

BACKGROUND

Fire Station 301 was built in 1972. The Station was located on Liberty St. because of its central location in the city. This was the only Fire Station at the time. Since that time the city has grown considerably in all directions from this central location. Fire and EMS coverage on the eastside of the city in many cases is more than the desired 6-minute total response time. In 2022, the city purchased an existing building at 680 Sunbury Rd. for a fire station on the city's east side. This station will be known as Station 305 and will also provide space for the fire department headquarters, and training facility. Once Station 305 is completed, renovation to Fire Station 301 will be conducted and Station 302 will receive a fire sprinkler system. Construction plans and documents will be completed in 2022 and construction at Station 305 will be conducted in 2023 and 2024. Station 301 will be renovated in 2024 and 2025.

PROJECT TIMELINE

2023	St 305-Construction
2024	St 305-Construction and Operation St 301-Renovation
2025	St 301-Renovation
2026	Fire Station 302 update of 33-year-old building (fire sprinkler system, HVAC, roof, storage facility/expansion)
2027	Operational

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$9,000,000	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$250,000	
2027	$0	
TOTAL	**$9,250,000**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: Fire Department and Mull and Weithman
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Self-Contained Breathing Apparatus

BACKGROUND

Self-Contained Breathing Apparatus is a device worn by firefighters to provide breathable air in an immediately dangerous to life or health atmosphere (IDLH). This equipment is used during fire operations, as well as hazardous material and technical rescue operations. In 2025, this essential equipment will be 10-years old and nearing the end of its expected life.

Self-Contained Breathing Apparatus (SCBA)

Rapid Intervention Pack (RIT Pak)

PROJECT TIMELINE

2023	No Action
2024	No Action
2025	Research and specification development
2026	SCBAs purchased and placed in operations
2027	No Action

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$832,000	
2027	$0	
TOTAL	**$832,000**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: Fire Department
CONTRACTOR: Outside vendor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Fire Apparatus

BACKGROUND

The Fire Department capital improvement plan projects the replacement of all existing and new vehicles. Fire apparatus are replaced based on age and typically replaced on a 20-year basis. Steps are taken to extend the life expectancy of the apparatus through the rotation of the vehicles to other fire stations, when possible, and through a designated period serving as a reserve/back-up apparatus. As part of the 2010 Fire Levy, many apparatuses have been replaced; however, due to the prior age of the existing apparatus, some vehicles have extended past the replacement schedule. It takes approximately 2-years for a new truck to be built. In 2022, the 1997 replacement engine was ordered with delivery anticipated in 2024.

1997 Pierce Engine (replacing in 2024)

2001 Pierce Engine (replacing in 2028)

PROJECT TIMELINE

2023	No action
2024	2022 will be received and placed in-service
2025	No action
2026	Scheduled replacement of heavy rescue (Unit 474). Planned phase out of the vehicle
2027	No action

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$1,074,351	
2027	$0	
TOTAL	**$1,074,351**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: In House & Contractor
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Paramedic Apparatus

BACKGROUND

The Fire Department capital improvement plan projects the replacement of all existing and new paramedic vehicles. Paramedic apparatus are replaced based on age and typically replaced on a 12-year basis. Steps are taken to extend the life expectancy of the apparatus through the rotation of the vehicles to other fire stations. As part of the 2010 Fire Levy, all EMS vehicles have been replaced. The paramedic units are the workhorse of the fire department operations, as 80% of responses are for medical calls. In 2023, the 2012 Braun Ambulance will be replaced, and a sister vehicle will also be purchased, bringing the fleet to 5 paramedic units. Currently the Department does not have a reserve ambulance. This means if a paramedic unit is down for maintenance, one of the stations (typically St 302) operates without a paramedic unit. It takes approximately 24 months for a new paramedic unit to be built. The three (3) 2016 paramedic units will be replaced with a delivery time expected in 2028.

2012 Braun Ambulance (to be replaced in 2024)

PROJECT TIMELINE

2023	Two paramedic units ordered
2024	No action
2025	Two paramedic units received and placed in-service
2026	Specifications for the new 2027 paramedic units will be developed
2027	Three paramedic units ordered

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$895,540	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$1,467,870	
2027	$0	
TOTAL	**$2,363,410**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: In House & Contractor
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Staff Vehicles

BACKGROUND

The Fire Department capital improvement plan projects the replacement of all existing and new staff vehicles. Staff vehicles are used in the fleet for a multitude of purposes including the incident command, EMS quick response vehicle/community paramedicine, fire inspections, and Station cars. Staff vehicles are replaced based on age and typically replaced on a 10-year basis. Prior to 2017, the Fire Department was receiving 1 used police car annually. These cars were needed for other City Departments, which has resulted in the Fire Department now purchasing new vehicles. Steps are taken to extend the life expectancy of the apparatus through the rotation of the vehicles from an emergency response use to being used by the fire inspectors and as station cars.

2023 – Replacement of 1 (2011) staff vehicle and Replacement of special events vehicle

2024 – Replacement of 2 (2014) staff vehicles and 1 new vehicle for Risk Reduction

2025 – Replacement of 1 (2014) staff vehicle

2026 – No Vehicles

2027 – No vehicles

PROJECT TIMELINE

2023	Staff vehicles ordered and placed in-service
2024	Staff vehicles ordered and placed in-service
2025	Staff vehicles ordered and placed in-service
2026	No vehicles
2027	No vehicles

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$105,000	Fire/EMS Fund
2024	$195,000	
2025	$66,950	
2026	$0	
2027	$0	
TOTAL	**$366,950**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: In House & Contractor
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Boat

BACKGROUND

The Fire Department capital improvement plan projects the replacement of the 2006 inflatable rescue boat. The rescue boats are used for ice and water rescue incidents. The Department provides coverage for the Olentangy River and public and private lakes, ponds, and water retentions basins. The boats are replaced based on age and typically replaced on a 20-year basis.

2023 – No Action

2024 – No Action

2025 – No Action

2026 – No Action

2027 – Replacement of 2006 boat

PROJECT TIMELINE

2023	No Action
2024	No Action
2025	No Action
2026	Boat ordered and placed in-service
2027	No Action

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$25,335	
2027	$0	
TOTAL	**$25,335**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: In House & Contractor
CONTRACTOR: Outside contractor to be determined

EST 1808 CITY OF DELAWARE OHIO

FIRE DEPARTMENT

Station Mowers

BACKGROUND

The Fire Department capital improvement plan projects the replacement of all existing station mowers. Station mowers are designed to mow the 2.5 acres or more of property at each fire station. Station mowers are replaced on a 10-year basis.

2023 – Replacement of 2013 Station mower (St 303)

2024 – None

2025 – None

2026 – None

2027 – None

PROJECT TIMELINE

2023	Station 303 mower ordered and placed in-service
2024	No Action
2025	No Action
2026	No Action
2027	No Action

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$10,692	Fire/EMS Fund
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$10,692**	

PROJECT TEAM

CITY LEAD: Fire Department
DESIGN CONSULTANT: In House & Parks and Natural Resources Department
CONTRACTOR: Outside contractor to be determined

CAPITAL IMPROVEMENT PLAN
STORM CAPITAL PROJECTS
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Storm Water Operations Transfer	1,769,500	1,169,500	1,319,500	769,500	469,500
TOTAL REVENUES	**1,769,500**	**1,169,500**	**1,319,500**	**769,500**	**469,500**
EXPENDITURES:					
DEBT SERVICE					
Sawmill Pkwy - Repayment (Ord 22-08)	344,500	344,500	344,500	344,500	344,500
CAPITAL PROJECTS					
Storm Water Repair	125,000	125,000	125,000	125,000	125,000
Storm Water I&I Remediation		100,000		100,000	
US23 Storm Culvert Construction	350,000	350,000			
Liberty Road Culvert Replacement	350,000				
W Central Ave, N Washington St & Griswold St		250,000			
Chamberlain/Channing St			350,000		
Cemetery Storm Pipe Replacement			500,000		
Pittsburgh Drive Ditch Cleaning				200,000	
The Point	600,000				
TOTAL EXPENDITURES	**1,769,500**	**1,169,500**	**1,319,500**	**769,500**	**469,500**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
Storm Water Repair

BACKGROUND

As storm water lines age, deteriorate, and begin to fail, they must be replaced. A failed storm water line can lose its ability to properly convey storm flows, potentially causing flooding to Delaware neighborhoods. As storm water lines are found to be in a failed condition via camera inspections, they will be scheduled for replacement by City staff.

PROJECT TIMELINE

2023	Storm repairs as needed
2024	Storm repairs as needed
2025	Storm repairs as needed
2026	Storm repairs as needed
2027	Storm repairs as needed

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$125,000	Project will be funded from the storm water fund
2024	$125,000	
2025	$125,000	
2026	$125,000	
2027	$125,000	
TOTAL	**$625,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
Storm Water I&I Remediation

BACKGROUND

As storm water lines age, they begin to allow ground water infiltration into the storm flows. During rain events, these areas of infiltration can cause storm water lines to become full sooner, leading to possible storm drain backups and localized flooding. As areas in need of repair are found via camera inspection they will be scheduled for repair.

PROJECT TIMELINE

2023	
2024	Rehabilitation of storm water line
2025	
2026	Rehabilitation of storm water line
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the storm water fund
2024	$100,000	
2025	$0	
2026	$100,000	
2027	$0	
TOTAL	**$200,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
US 23 Storm Culvert Construction

BACKGROUND

ODOT District 6 has initiated a project to inspect/design/repair the storm culvert structures along the US-23 corridor. Per Ohio Revised Code the City is responsible to comply with their project by funding the portions of work that fall within City boundaries. Project cost estimates were provided by ODOT. Public Utilities staff have worked with ODOT and elected to self-preform portions of the project to reduce the City's financial obligation.

PROJECT TIMELINE

2023	Repair of deficiencies found in 2021
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$350,000	Project will be funded from the storm water fund
2024	$350,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$700,000**	

PROJECT TEAM

CITY LEAD: Engineering
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
Liberty Road Culvert Replacement

BACKGROUND

The replacement of the existing culvert (currently deteriorating and falling apart) located just north of Hull Dr. with a prefabricated concrete box or arch structure and the resurfacing of the portion of Liberty Rd. that is affected by the culvert construction.

PROJECT TIMELINE

2023	Planned repairs scheduled to be performed
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$350,000	Project will be funded from the storm water fund
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$350,000**	

PROJECT TEAM

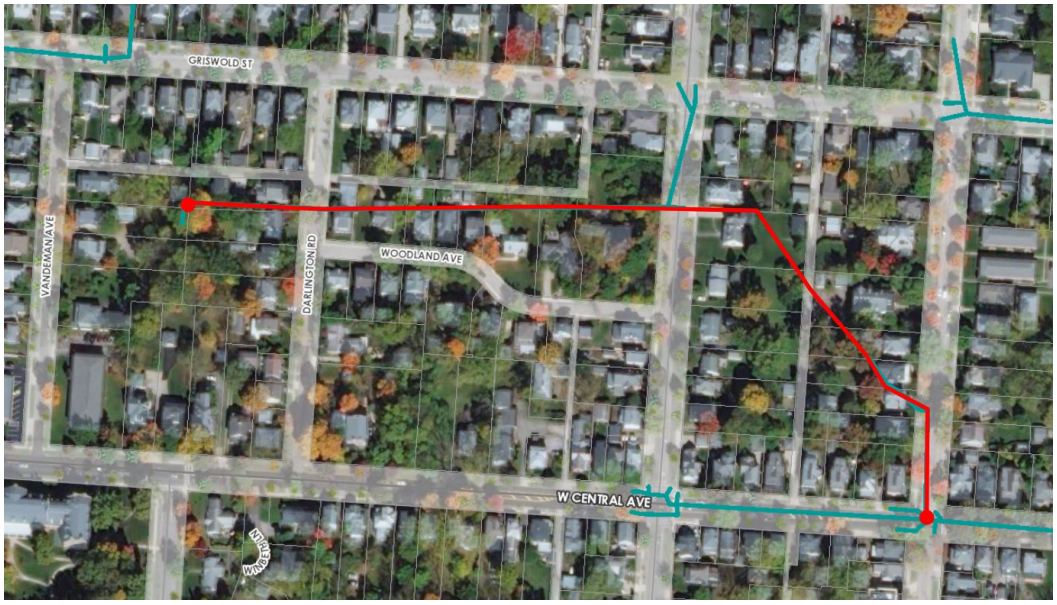
CITY LEAD: Engineering
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
W Central Ave, N Washington St & Griswold St

BACKGROUND

The area of W Central Ave, N Washington St & Griswold St is experiencing storm sewer failure shown by area flooding and sinkholes during rain events. This project intent is to line the existing storm water pipes with a cured-in-place liner to provide structural integrity to the existing pipes and provide more flow capacity to reduce the likelihood of flooding and sinkhole after rain events.



PROJECT TIMELINE

2023	
2024	Planned repairs scheduled to be performed by Contractor
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the storm water fund
2024	$250,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$250,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: Public Utilities

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
Chamberlain/Channing St Storm Repairs

BACKGROUND

The area of Chamberlain St. and Channing St. is experiencing storm sewer failure shown by area flooding during rain events. This project is intended to open up flow in the area to reduce the likelihood of flooding events.

PROJECT TIMELINE

2023	
2024	
2025	Planned repairs scheduled to be performed by City staff
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the storm water fund
2024	$0	
2025	$350,000	
2026	$0	
2027	$0	
TOTAL	**$350,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: Public Utilities

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
Cemetery Storm Pipe Replacement

BACKGROUND

Below sections of the City's cemetery are large stormwater conveyance pipes. These pipes see substantial flows during storm events due to the large size of the land tributary to this drainage way. The storm sewer is built up brick and has begun failing and falling apart in areas. The City recently completed a cemetery master plan, which also called out the repair of the storm lines. This work will require the utmost care as much of it lies below existing burial sites.

PROJECT TIMELINE

2023	
2024	
2025	Planned repairs scheduled to be performed by City staff
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the storm water fund
2024	$0	
2025	$500,000	
2026	$0	
2027	$0	
TOTAL	**$500,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: Public Utilities

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Storm
Pittsburgh Dr Ditch Cleaning

BACKGROUND

The Pittsburgh Dr. ditch ways are no longer able to convey the required storm flows from the area. This is due to buildup of sediment from years of storm water conveyance. Ditches are as integral a part of storm water removal as storm sewers are and must also be maintained to ensure needed levels of flow.

PROJECT TIMELINE

2023	
2024	
2025	
2026	Planned repairs scheduled to be performed by City staff
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the storm water fund
2024	$0	
2025	$0	
2026	$200,000	
2027	$0	
TOTAL	**$200,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: Public Utilities

CAPITAL IMPROVEMENT PLAN
WATER FUND MAINTENANCE PROJECTS
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Transfer from Water Fund	800,000	800,000	800,000	800,000	800,000
Water Debt Meter Fee Allocation	1,285,727	1,285,727	1,285,727	1,285,727	1,285,727
TOTAL REVENUES	**2,085,727**	**2,085,727**	**2,085,727**	**2,085,727**	**2,085,727**
EXPENDITURES:					
DEBT SERVICE					
Treatment Plant ($22,400,000 - 25 yrs, 3.23%, 2039)	1,285,727	1,285,727	1,285,727	1,285,727	1,285,727
WATER PLANT MAINTENANCE					
Plant Maintenance	150,000	150,000	150,000	150,000	150,000
RO Membrane Replacement	674,730				
Pressure Filter Improvements	1,937,010				
Riverview Well Cleaning	36,500				
Penry Well Cleaning		53,000			
New HMI for UFs, ROs, and Pressure Filters			169,000		
Ultra-Filtration Membrane Replacement			276,000		
SE Highland Water Tank Painting			1,283,500		
Plant SCADA Replacements					48,300
West Lagoon Valving			73,500		
WATER DISTRIBUTION PROJECTS					
Large Meter Replacement	25,000	25,000	25,000	25,000	25,000
Small Main/Fire Flow	180,000	180,000	180,000	180,000	180,000
S Franklin St Waterline Replacement	150,000				
N Franklin St Waterline Replacement	160,000				
Fountain Ave Waterline Replacement		100,000			
Harrison St Waterline Replacement			150,000		
Columbus Avenue Waterline Replacement				150,000	
Campbell Street Waterline Replacement					180,000
The Point	400,000				
EQUIPMENT REPLACEMENT					
Pickup Truck - Water Distribution	40,000				
Pickup Truck - Water Distribution-Crew Leader				40,000	
Pickup Truck - Water Distribution-Meter Service					40,000
Two Ton Utility Body-Water Distribution			130,000		
TOTAL EXPENDITURES	**5,038,967**	**1,793,727**	**3,722,727**	**1,830,727**	**1,909,027**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
Plant Maintenance

BACKGROUND

The project will help fund unforeseen equipment or plant structural failures in order to protect the City's investments and to be able to continually provide safe potable water to the citizens of Delaware.

This funding helps the treatment facility comply with required Ohio EPA Asset management practices by having the funding available for equipment repair or replacement as well as any structural repair in order to maintain the equipment and facilities to be able to constantly provide a safe potable water supply for the Citizens of Delaware.

PROJECT TIMELINE

2023	Plant maintenance as needed
2024	Plant maintenance as needed
2025	Plant maintenance as needed
2026	Plant maintenance as needed
2027	Plant maintenance as needed

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$150,000	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$150,000	
2025	$150,000	
2026	$150,000	
2027	$150,000	
TOTAL	**$750,000**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
RO Membrane Replacement

BACKGROUND

The NF membrane flows deteriorate over time which steadily increases operating pressure to the point where the NF feed pumps cannot push water thru the membranes. The conservative estimates for life of these NF membranes are 5-7 years. The plant started in December 2014. Current projections (5/2022) show that the NF membranes should go another thru 2022. In 2023 these membranes will need replaced. At the end of the NF life the high-pressure conditions can begin to increase rapidly so having the funds available to replace these NF membranes will be essential.

We currently clean these NF Membranes every 3 months when operating pressures increase to the point of losing design flow thru the membranes. At the end of the life of the NF membranes the cleaning frequency increases substantially. Having this funding available, when necessary, will ensure the ability to provide the necessary volume of water for the daily needs of our customers.

PROJECT TIMELINE

2023	Replacement
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$674,730	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$674,730**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT:
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
Pressure Filter Improvements

BACKGROUND

The pressure filters were installed in 2014 as part of the plant expansion and conversion from a lime softening to a reverse osmosis (RO) membrane softening treatment process.

The existing filters were supplied by Filtronics. In 2010 a pilot study was conducted and completed with help from Malcolm Pirnie and approved by Ohio EPA. This allowed the city to utilize this type of treatment process in the future to remove Iron & manganese from the city ground water sources.

There have been noticeable performance issues since 2014 when the new treatment process was started and these Filtronics filters were put into service. One of the biggest performance problems has been iron carry -over to the RO membranes which have pre-maturely fouled the RO membranes.

The city has hired Prime AE and most recently MS Consultants to look over the pressure filtration process and come up with a plan to improve these pressure filters that will allow this process to properly remove iron and manganese which will protect the RO membranes.

It was determined that another pressure filter vessel will need to be installed using a new filter media that is different than the Filtronics filter media that is currently installed utilized in the existing pressure filters. This new media filter media will also need installed in the existing pressure filters. New filter media washing system needs installed. SCADA programming will be required. This new process will need designed with proper bidding and permitting to also take place.

PROJECT TIMELINE

2023	Improvements to take place
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$1,937,010	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,937,010**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT: MS Consultants
CONTRACTOR: Loprest

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
Riverview Well Cleaning

BACKGROUND

The project will help maintain proper flows to each of the (2) raw groundwater wells at the Riverview well field. Over time the well flows gradually start deteriorating. This is mostly due to iron and other minerals getting hard and plugging the caverns and voids in the limestone which block groundwater flow to the well pumps. If this iron and other mineral are not cleaned every five years or so the well flow will not ever be restored to original well flow and the necessary volume of groundwater.

This is good a preventative maintenance plan to ensure that the wells maintain their original flows so we can produce enough finished water for our customers.

PROJECT TIMELINE

2023	Riverview Well Cleaning
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$36,500	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$36,500**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT:
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
Penry Well Cleaning

BACKGROUND

The project will help maintain proper flows to each of the (3) raw groundwater wells at the Penry Road well field. Over time the well flows gradually start deteriorating. This is mostly due to iron and other minerals getting hard and plugging the caverns and voids in the limestone which block groundwater flow to the well pumps. If this iron and other mineral are not cleaned every five years or so the well flow will not ever be restored to original well flow and the necessary volume of groundwater.

This is good a preventative maintenance plan to ensure that the wells maintain their original flows so we can produce enough finished water for our customers.

PROJECT TIMELINE

2023	
2024	Penry Well Cleaning
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$53,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$53,000**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT:
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
PLC/HMI for UFs, NFs & Pressure Filters

BACKGROUND

Replacement of the PLC / HMI for (3) PLC / HMI (1) each for the; UF, NF & pressure filters. This includes potential Ethernet upgrades, IO wiring, and site testing.

The PLC's have regular firmware updates, but eventually they become outdated. It is for security and performance updates. The PLC's and HMI's communicate if they are the same software versions. The PLC becomes outdated, and the HMI becomes outdated and need replaced. We currently operate these PLC / HMI daily and are essential for the proper and efficient function of each of the processes in the water treatment process. Conservatively these needs replaced every 10 years. In 2025, these will be 10 years old.

PROJECT TIMELINE

2023	
2024	
2025	PLC/HMI for UF'S, NF'S & Pressure filters
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$169,000	
2026	$0	
2027	$0	
TOTAL	**$169,000**	

PROJECT TEAM

CITY LEAD: Water Treatment & IT
CONSULTANT: H2O Innovation /SOS Integration
CONTRACTOR: H2O Innovation / SOS Integration

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
UF Membrane Replacement

BACKGROUND

The UF membrane permeability or overall flow thru the membranes will deteriorate over time. As the UF membranes age fiber breaks will also steadily increase which will also lower flow thru the membranes. As production decreases the need for replacement at this time will be necessary to be able to provide the daily water demand for our customers. The conservative estimates for life of these UF membranes are 7-10 years. The manufacturer claims these UF membranes will go 10 years and current projections show this to be true. In December 2024 these UF membranes will be 10 years old and most likely they will need to be replaced soon.

We currently clean these UF Membranes every 3 months when permeability decreases to the point of losing design flow thru these membranes. At the end of the life of the UF membranes the cleaning frequency will substantially increase. Having this funding available, when necessary, will ensure the ability to provide the necessary volume of water for the daily needs of our customers.

PROJECT TIMELINE

2023	
2024	
2025	UF Membrane Replacement
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$276,000	
2026	$0	
2027	$0	
TOTAL	**$276,000**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT: H2O Innovation
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
SE 2MG Water Tank Painting

BACKGROUND

The project will maintain the structural integrity of the water tank. The water tank paint normally lasts 15- 20 years. When needed the exterior and interior surfaces need sandblasted and painted. Normally the City will use an engineering firm to help with the bidding of the job and to look over the entire tank resurfacing project. This also helps the utility department provide the highest quality of finished water to the rate payers of the City of Delaware.

In 2005 this water tank was designed, built, and painted prior to be placed into service in the fall of 2005. In 2025 the SE 2MG water tank surfaces will be 15 years old and will need resurfacing to protect the City's investment.

PROJECT TIMELINE

2023	
2024	
2025	SE 2MG water tank painting
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$1,283,500	
2026	$0	
2027	$0	
TOTAL	**$1,283,500**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT: Burgess & Niple, Inc.
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
Plant SCADA Replacement

BACKGROUND

Replacement of the (2) plant SCADA computers may be necessary for the optimum operation of the plant process. This also includes the; new software, new server, (2) computers, (8) monitors, and any integration assistance.

In 2026 these (2) plant SCADA computers will be 5 years old. IT has suggested that we have this money allocated to be proactive instead of reactive, so we do not have any failures. The SCADA is necessary for the operation of the complex plant processes.

PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	Plant SCADA equipment replacement

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$0	
2026	$0	
2027	$48,300	
TOTAL	**$48,300**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT: IT / SOS Integration
CONTRACTOR: IT / SOS Integration

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Treatment
West Lagoon Valving

BACKGROUND

The project will enable the city to utilize the West lagoon for daily filter backwash waters and sediment from the settling basins along with daily maintenance CEB membrane cleaning waste and quarterly membrane cleaning waste streams. Currently the valving only allows these waste flows to enter the East lagoon. This new valving will give the city the ability to put these waste streams in the West lagoon. This will allow the city more time before these lagoons are full and need to be cleaned. When these lagoons were cleaned in the past the waste sludge in these lagoons were beneficial to farmers fields from the lime that was used in the treatment processes. Being able to locally land apply this waste helped keep the sludge removal cost lower. The wastes mentioned above from the new treatment process have no benefit to farmland and will be a landfill application which will require considerably more capital cost from the past when this sludge is removed in the future.

PROJECT TIMELINE

2023	
2024	
2025	West Lagoon Valving
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$73,500	
2026	$0	
2027	$0	
TOTAL	**$73,500**	

PROJECT TEAM

CITY LEAD: Water Treatment
CONSULTANT: Prime AE /Rawdon Myers
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
Large Meter Replacement

BACKGROUND

With normal use a water meter loses accuracy during the span of its life expectancy, the loss of flow reading ability is most pronounced in large-diameter meters. This rotating fund is aimed at replacing the large-diameter meters used by the high flow business users of the City. This ensures proper water use tracking within the system.

PROJECT TIMELINE

2023	Replacement of aged large meters by City crews
2024	Replacement of aged large meters by City crews
2025	Replacement of aged large meters by City crews
2026	Replacement of aged large meters by City crews
2027	Replacement of aged large meters by City crews

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$25,000 S	Funding will alternate yearly between the water maintenance fund and the sewer maintenance fund. Fund noted after yearly amount.
2024	$25,000 W	
2025	$25,000 S	
2026	$25,000 W	
2027	$25,000 S	
TOTAL	**$125,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
Small Main/Service/Fire Flow

BACKGROUND

The small main and service replacement program is primarily focused on the removal of old-style lead lines still within the system. Lead service lines were the primary style of service lines used for many years. While the locations of all lead lines are not known, we find several every year, and this fund is used for the replacement to current water safety standards.

Additionally, current City fire flow standards require 8" water mains be installed in order to meet the demands of fire department needs when battling fires. Many existing lines within the City are smaller than 8", and with the help of system flow testing, the areas of the City with the most flow restriction are scheduled for replacement.

PROJECT TIMELINE

2023	Replacement of lines as found or identified
2024	Replacement of lines as found or identified
2025	Replacement of lines as found or identified
2026	Replacement of lines as found or identified
2027	Replacement of lines as found or identified

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$180,000	Funding will come from the water maintenance fund.
2024	$180,000	
2025	$180,000	
2026	$180,000	
2027	$180,000	
TOTAL	**$900,000**	

PROJECT TEAM

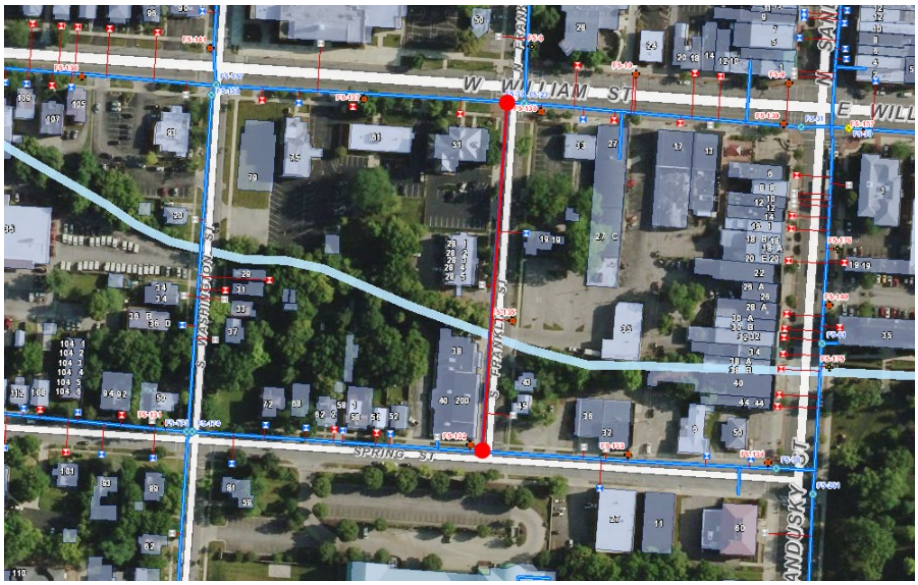
CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
South Franklin Waterline

BACKGROUND

This project will replace the 6" water main along S. Franklin St. from W. William St. to Spring St. Waterlines are in "failed" condition when they have experienced three or more breaks. At such time they are planned and scheduled for replacement, as is the case for this waterline. In addition, the current main size is deficient for today's required fire flows, new line will be 8".



PROJECT TIMELINE

2023	Replacement of line by City crews
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$150,000	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$150,000**	

PROJECT TEAM

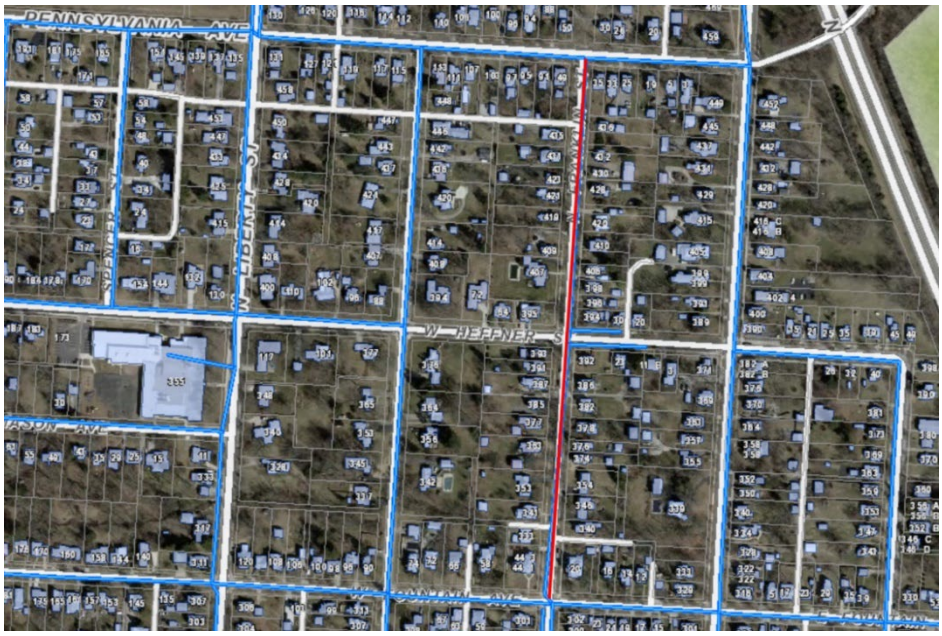
CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
North Franklin Waterline

BACKGROUND

This project will remove 1,600 linear ft. of 6" water main along North Franklin St., from West Fountain Ave to Pennsylvania Avenue, and replace with an 8" main. The size of the water main along N. Franklin St. has become a constriction to the water distribution system, and also does not meet current fire flow requirements.



PROJECT TIMELINE

2023	Replacement of line by City crews
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$160,000	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$160,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
Fountain Ave Waterline

BACKGROUND

This project will replace 1,700 linear ft. of 8" water main along Fountain Ave., from Euclid Ave to North Liberty St. When a section of watermain has experience 3 or more breaks it is considered to be in failed condition, requiring replacement. This section of waterline is currently in failed condition due to its break history and has been scheduled for this replacement.

PROJECT TIMELINE

2023	
2024	Replacement of line by City crews
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$100,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$100,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
Harrison St Waterline Replacement

BACKGROUND

This project will replace 1,500 linear ft. of 8" water main along Fountain Ave., from Euclid Ave to North Liberty St. When a section of watermain has experience 3 or more breaks it is considered to be in failed condition, requiring replacement. This section of waterline is currently in failed condition due to its break history and has been scheduled for this replacement.

PROJECT TIMELINE

2023	
2024	
2025	Replacement of line by City crews
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water maintenance fund.
2024	$0	
2025	$150,000	
2026	$0	
2027	$0	
TOTAL	**$150,000**	

PROJECT TEAM

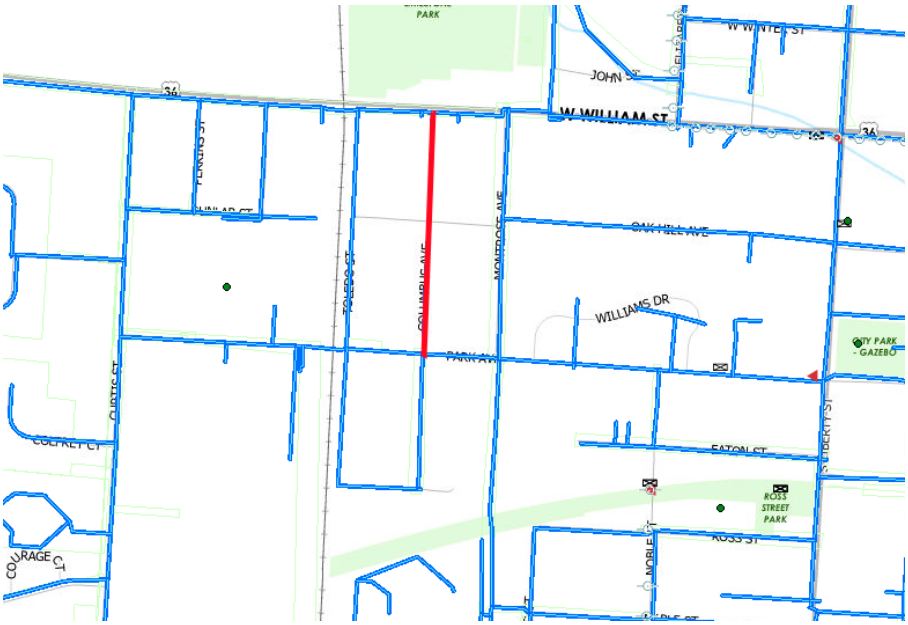
CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
Columbus Ave Waterline Replacement

BACKGROUND

This project will remove 1,250 linear ft. of 4" watermain on Columbus Avenue from W William St south to Park Avenue and replace with a 6" main. The size of the water main has become a constriction to the water distribution system and does not meet current fire flow requirements.



PROJECT TIMELINE

2023	
2024	
2025	
2026	Replacement of line by City crews
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	
2024	$0	
2025	$0	
2026	$150,000	
2027	$0	
TOTAL	**$150,000**	

PROJECT TEAM

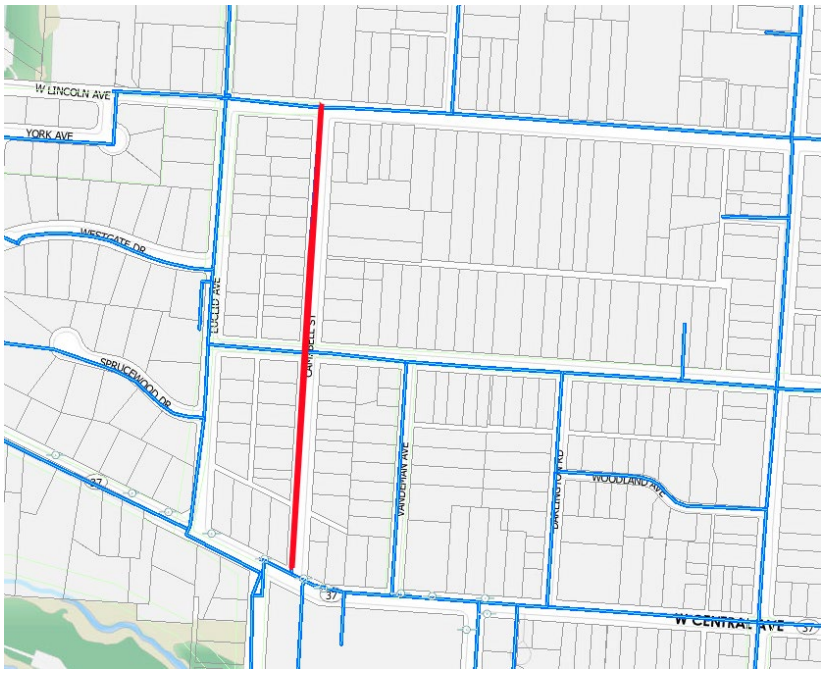
CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Distribution
Campbell St Waterline Replacement

BACKGROUND

This project will remove 1,450 linear ft. of 4" watermain along Campbell St. from Lincoln Ave. south to W. Central Avenue and replace with a 6" main. The size of the water main has become a constriction to the water distribution system and does not meet current fire flow requirements.



PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	Replacement of line by City crews

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	
2024	$0	
2025	$0	
2026	$0	
2027	$180,000	
TOTAL	**$180,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
WATER CAPACITY FUND PROJECTS
2023-2027

	2023	2024	2025	2026	2027
BALANCE FORWARD	9,386,080	7,674,350	6,165,488	7,023,384	5,834,647
REVENUES:					
Water Capacity Fees	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Repayment from GF	220,000	220,000	220,000	220,000	220,000
Debt Proceeds					
BALANCE PLUS REVENUES	**11,606,080**	**9,894,350**	**8,385,488**	**9,243,384**	**8,054,647**
EXPENDITURES:					
DEBT SERVICE					
Westside Trans Line ($2,225,051, 25 yrs, 3.67%, 2036)	136,750	136,750	136,750	136,750	136,750
Penry Rd. Waterline ($1,000,000, 25 yrs, 3.55%, 2037)	62,976	62,976	62,976	62,976	62,976
Kingman Hill Tower ($3,545,000, 25 yrs, 4.51%, 2031)	210,978	208,110	211,352	207,985	204,494
Plant Expansion ($9,600,000, 25yrs, 3.23%, 2039)	551,026	551,026	551,026	551,026	551,026
CAPITAL PROJECTS					
North Sawmill Watermain Extension	1,100,000				
New Line Oversizing/Extension	200,000	200,000	200,000	200,000	200,000
Panhandle to US 42 Water Main	570,000	570,000			
Braumiller Rd 16" Water Main	800,000	800,000			
US42 Watermain Extension	100,000	1,200,000			
South Industrial Loop Watermain			200,000	2,100,000	
Troy Rd Loop (Hills-Miller to Buttermilk Hill)	200,000				
St Rt 521 Extension (rural)				150,000	
Mill Run Crossing/Glenn Pkwy Watermain Ext					1,500,000
Upground Reservoir					10,000,000
TOTAL EXPENDITURES	**3,931,730**	**3,728,862**	**1,362,104**	**3,408,737**	**12,655,246**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
North Sawmill Watermain

BACKGROUND

Through ongoing discussion between Public Utilities, Planning, and Economic Development, as well as input from the City's new comprehensive development plan, it is agreed that the South-West industrial corridor of the City is of vital importance to our future growth and health. By creating utility ready land for industrial, commercial and mixed-use, developers will be more likely to choose the City of Delaware as their new home.

This project will extend the existing 16" watermain along Sawmill Parkway to South Section Line Road, and then route North as far as the project allows to create a loop connection to the Pittsburgh Road waterline.

PROJECT TIMELINE

2023	Project bid, award, and construction
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$1,100,000	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,100,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
Water Oversizing/Extension

BACKGROUND

The City of Delaware continues to experience rapid growth, with several new developments beginning each year. Each new development is expected to install all the connections needed for their utility needs, including taking those services to the edge of their property for the next development to continue. When the City requires a developer to put in larger service lines than their development requires, this fund is used to pay the City's portion of the oversizing.

PROJECT TIMELINE

2023	Line oversizing/extensions as needed
2024	Line oversizing/extensions as needed
2025	Line oversizing/extensions as needed
2026	Line oversizing/extensions as needed
2027	Line oversizing/extensions as needed

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$200,000	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$200,000	
2025	$200,000	
2026	$200,000	
2027	$200,000	
TOTAL	**$1,000,000**	

PROJECT TEAM

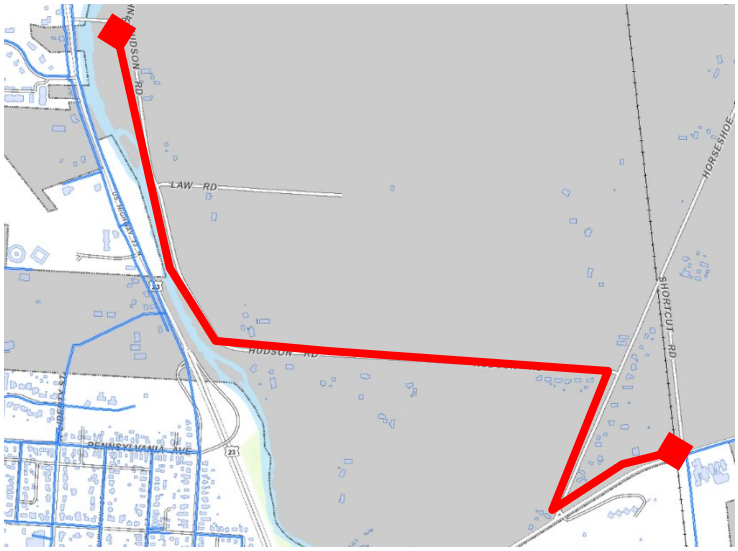
CITY LEAD: Public Utilities
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
Panhandle to US 42 Watermain

BACKGROUND

Currently, the area of the city that is east of the Olentangy Rivers main source of water supply is the 1960 - 16" water main from the water plant, then through the 16" East/West Connector which runs along Central Avenue. If the water supply from the plant to the East/West Connector is interrupted the distribution system has difficulties suppling enough water to the Eastside tower. This project will give the city an addition larger main feed to the Eastside water tank and provide the area's citizens with the proper level of service which should be provided.



PROJECT TIMELINE

2023	Bid and Award of project/Project Construction
2024	Project Construction
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$570,000	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$570,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,140,000**	

PROJECT TEAM

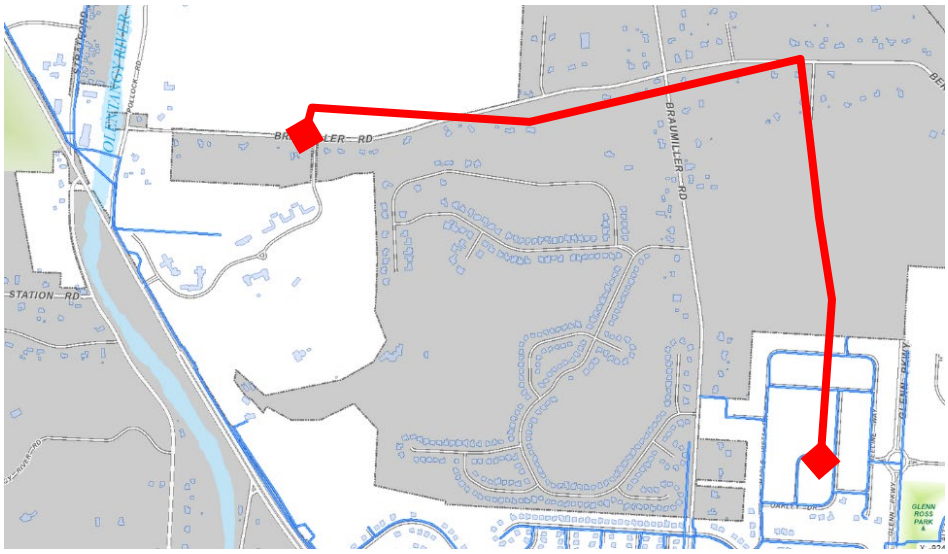
CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
Braumiller Rd Watermain

BACKGROUND

Currently, the areas of the city that are South of Pollock Road only have 1 main source of water feeding from the distribution network. Should a shutdown or break occur between the S.E. Water Tank and the primary distribution network, we have no reliable way to keep pace with long term water demand of the area. This project will give the city an additional supply to our S.E. water tank and provide the area citizens with the proper level of service which should be provided.



PROJECT TIMELINE

2023	Bid and award construction of project, begin construction
2024	Completion of construction begun in 2023
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$800,000	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$800,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,600,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
US 42 Watermain Extension

BACKGROUND

Through ongoing discussion between Public Utilities, Planning, and Economic Development, as well as input from the City's new comprehensive development plan, it is agreed that the South-West industrial corridor of the City is of vital importance to our future growth and health. By creating utility ready land for industrial, commercial, and mixed-use, developers will be more likely to choose the City of Delaware as their new home.

This project will extend the existing 16" watermain along U.S. 42, giving the city the ability to serve a large portion of the undeveloped land present.

PROJECT TIMELINE

2023	Plan and bid package development
2024	Project bid, award, and construction
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$100,000	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$1,200,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,300,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
SR 521 Waterline Extension

BACKGROUND

The City of Delaware and Del-Co Water Company use established service boundary lines for the benefit of both utilities. Through strategic rural line installations going forward, targeting rural areas that have a history of service requests from its residents, the City will begin providing water service to those who have no other treated water service options due to the service boundary agreements in place.

PROJECT TIMELINE

2023	
2024	
2025	
2026	Project is projected for completion in 2026
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$0	
2025	$0	
2026	$150,000	
2027	$0	
TOTAL	**$150,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
South Industrial Watermain

BACKGROUND

Through ongoing discussion between Public Utilities, Planning, and Economic Development, as well as input from the City's new comprehensive development plan, it is agreed that the South-West industrial corridor of the City is of vital importance to our future growth and health. By creating utility ready land for industrial, commercial, and mixed-use, developers will be more likely to choose the City of Delaware as their new home.

This project will create a large-scale loop of the industrial area while also creating greater water availability for the region. This project is also tie into the US-42 waterline allowing for properly loops service.

PROJECT TIMELINE

2023	
2024	
2025	Plan and bid package development
2026	Project bid, award, and construction
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$0	
2025	$200,000	
2026	$2,100,000	
2027	$0	
TOTAL	**$2,300,000**	

PROJECT TEAM

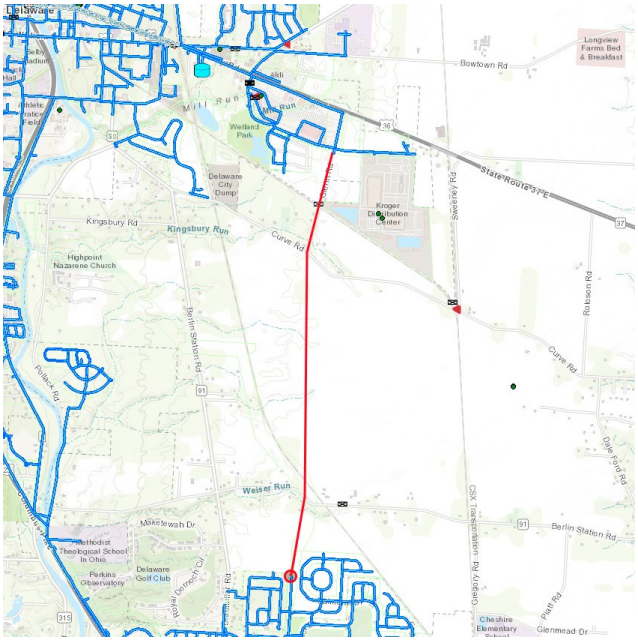
CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
Mill Run Crossing/Glenn Pkwy Watermain Ext

BACKGROUND

Extension of 16” watermain along Glenn Rd. from Mill Run Crossing south and east to Glenn and then south along Glenn to connection with the existing 16” near Glen Ross subdivision.



PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	Plan, Design and Construction cost

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$0	
2025	$0	
2026	$0	
2027	$1,500,000	
TOTAL	**$1,500,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Water Capacity
Upground Reservoir Project

BACKGROUND

With the current growth of the city, the potential for shortfall in the water system is high. Hence the need for an increase in water supply sources. This project will construct an off-stream storage reservoir (about 1500 acre-feet) to help increase the sources of supply to the Delaware water system as demand increases.

PROJECT TIMELINE

2024	
2025	
2026	
2027	
2028	Plan, Design and Construction cost

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2024	$0	
2025	$0	
2026	$0	
2027	$0	
2028	$10,000,000	
TOTAL	**$10,000,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
WASTEWATER FUND MAINTENANCE PROJECTS
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Transfer from Wastewater Fund	3,975,729	2,501,557	2,479,915	2,848,305	1,235,000
TOTAL REVENUES	**3,975,729**	**2,501,557**	**2,479,915**	**2,848,305**	**1,235,000**
EXPENDITURES:					
DEBT SERVICE					
Plant Rehabilitation ($2,230,000 20 yrs. 3.59%, 2027)	155,729	156,557	157,415	158,305	
WASTEWATER TREATMENT PROJECTS					
Concrete Repairs - Walkways/Tanks	70,000	70,000	70,000	70,000	70,000
Cover Post Aeration Tanks		250,000			
Electrical Transformer/Cable Upgrades	20,000	100,000	20,000	20,000	20,000
EQ Basin Repairs	900,000				
Influent Bar Screen Replacement			500,000		
Influent Pump Replacement					100,000
Gravity Belt Thickener Replacement				1,500,000	
MCC replacement		300,000			
Odor Control System		750,000			
Plant Maintenance	150,000	150,000	150,000	150,000	150,000
PLC Upgrades	100,000	25,000	25,000	25,000	25,000
Primary Settling Tanks - Concrete Repairs			1,000,000		
Process Pump Replacement		100,000	100,000	100,000	100,000
AT 4-7 Interconnection Valves	100,000				
UV Disinfection Replacement	1,500,000				
VFD Uprade	75,000	75,000	75,000	75,000	75,000
WASTEWATER COLLECTION PROJECTS					
Large Meter Replacement	25,000	25,000	25,000	25,000	25,000
Inflow/Infiltration Remediation	175,000	175,000	175,000	175,000	175,000
Sanitary Sewer Replacement	100,000	100,000	100,000	100,000	100,000
Pump Station Repair/Upgrade		25,000		30,000	
Shelbourne Forest CIPP Lining	280,000				
Sunnyview Subdivision Section 7 CIPP Lining		200,000			
N Union Alley CIPP Lining			50,000		
East William (Lake St. to Point)				300,000	
Montrose/Oakhill CIPP Lining					180,000
The Point	200,000				
EQUIPMENT REPLACEMENT					
One Ton Dump - Sewer Collection	75,000				
Mini Excavator - Sewer Collection				80,000	
Crane Equiped Small Plate Truck (1/3)					75,000
Pickup Truck - Sewer Treatment-Admin.				40,000	
WW Septage Truck					140,000
Septic Truck Tank Replacement	50,000		32,500		
TOTAL EXPENDITURES	**3,975,729**	**2,501,557**	**2,479,915**	**2,848,305**	**1,235,000**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Concrete Repairs

BACKGROUND

Repair and sealing of concrete around aeration tanks and final settling tanks. If not addressed properly these structures may get to a state of disrepair. This is preventative maintenance and ensures the proper lifespan of our facilities is maintained.

PROJECT TIMELINE

2023	Quotes were received in 2021 Concrete repairs – lower basins
2024	Concrete repairs – Maintenance walkway
2025	Concrete repairs – Final Settling Tanks 1 & 2 and South Building deck
2026	Concrete repairs - Final Settling Tanks 3-5
2027	Concrete repairs – Aeration Tanks 1-3

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$70,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$70,000	
2025	$70,000	
2026	$70,000	
2027	$70,000	
TOTAL	**$350,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: Odle Inc.

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Cover for Post Aeration Tanks

BACKGROUND

Covering the post aeration tanks will have a beneficial impact on the final effluent going into the Olentangy River from the wastewater treatment plant. The sunlight and high-quality air-infused effluent from the treatment process is creating an ideal breeding ground for algae growth, this algae does have a negative impact on the Olentangy River, while also creating a constant maintenance task of emptying and cleaning down the tanks themselves.

PROJECT TIMELINE

2023	Put out to bid to get quotes for project
2024	Install covers on Post Aeration Tanks
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$250,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$250,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Electrical Transformer/Cable Upgrades

BACKGROUND

Electrical testing on transformers and cables has become an important part of the facility's preventive maintenance program. Transformers slowly degrade over time and annual testing reduces the risk of catastrophic failure, as replacement equipment can be properly planned for and replaced once testing indicates the need.

PROJECT TIMELINE

2023	Electrical transformer and cable testing – could lead to replacement
2024	Purchase spare 1000 KVA transformer
2025	Electrical transformer and cable testing – could lead to replacement
2026	Electrical transformer and cable testing – could lead to replacement
2027	Electrical transformer and cable testing – could lead to replacement

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$20,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$100,000	
2025	$20,000	
2026	$20,000	
2027	$20,000	
TOTAL	**$180,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: Power Solutions Group

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
EQ Basin Repairs

BACKGROUND

The concrete floor of the wastewater treatment plant's equalization basin is severely cracked and buckling, the diffusers and bollards also need replaced as a part of this project. The cracking is severe enough that there is concern for possible infiltration of materials into the surrounding soils.

PROJECT TIMELINE

2023	Received quotes in 2022 for EQ concrete repair and Diffuser replacement – update quotes and move forward with project.
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$900,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$900,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: Odle Inc and EDI

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Influent Bar Screen Replacement

BACKGROUND

The influent bar screens at the WWTP are nearing the end of their useful life. There are also different technologies available now that can help prevent even more debris from reaching pumps and equipment downstream than currently possible. Debris that gets into pumps and equipment can cause damage and even failure if not addressed.

PROJECT TIMELINE

2023	Reach out to vendors to get quotes for replacement
2024	Put project out to bid
2025	Install new bar screens
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$0	
2025	$500,000	
2026	$0	
2027	$0	
TOTAL	**$500,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Influent Pump Replacement

BACKGROUND

The wastewater treatment plant's influent pumps were installed with the 2007 plant expansion and began reaching their end of life conditions over the previous few years. The department has been replacing them in batches based on need, and currently is down to this single remaining pump to be replaced.

PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	Purchase and install new influent pump

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024	$0	
2025	$0	
2026	$0	
2027	$100,000	
TOTAL	**$100,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: Flygt

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Gravity Belt Thickener Replacement

BACKGROUND

The gravity belt thickener has exceeded its life expectancy and replacement parts are becoming obsolete and very difficult to find. New technologies also allow greater efficiency within the treatment process, allowing for cost savings within related activities.

PROJECT TIMELINE

2023	
2024	
2025	
2026	Research equipment and set up pilot studies.
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$0	
2025	$0	
2026	$1,500,000	
2027	$0	
TOTAL	**$1,500,000**	

PROJECT TEAM

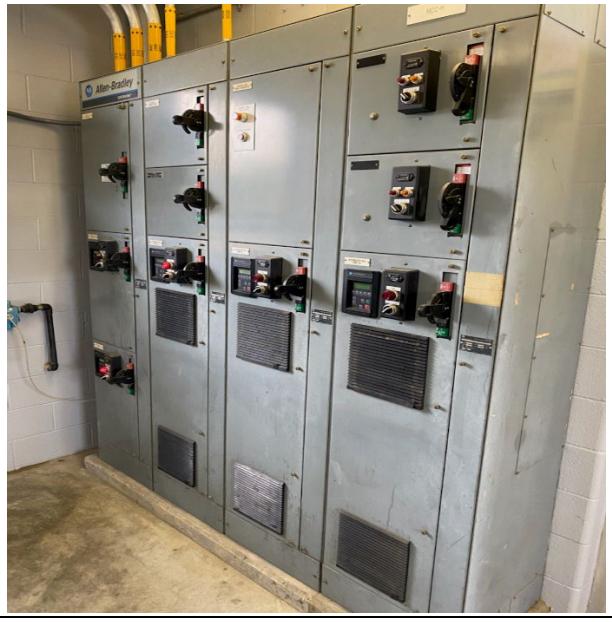
CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: NA

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Motor Control Center Replacement

BACKGROUND

The motor control center controlling process plant pumps needs evaluated and possibly replaced. This MCC was installed in the 1980's and warrants condition testing and budget appropriation should testing indicate needed replacement. The associated pump variable frequency drives would need to be replaced during MCC replacement.



PROJECT TIMELINE

2023	Determine condition of the MCC and VFDs & bid out project if necessary
2024	Replace MCC and VFDs
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$300,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$300,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: NA

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Odor Control System Replacement

BACKGROUND

The odor control unit has had several failures throughout the past few years, at times bringing down the plant's odor control process for weeks at a time. Replacement of the unit is intended to ensure the plant remains a good neighbor to the City residents and businesses around it. This will also allow the opportunity to evaluate newer odor control technologies for both effectiveness and cost of operation.

PROJECT TIMELINE

2023	Contact vendors about potential replacements
2024	Replace odor control unit
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$750,000	
2025		
2026		
2027		
TOTAL	**$750,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: NA

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Plant Maintenance

BACKGROUND

This funding is for any unforeseen equipment failures that may occur in a year. The last WWTP upgrade occurred in 2007 and as equipment continues to gain year after year of operation this budgetary item becomes more pertinent and important.

PROJECT TIMELINE

2023	Routine plant maintenance
2024	Routine plant maintenance
2025	Routine plant maintenance
2026	Routine plant maintenance
2027	Routine plant maintenance

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$150,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$150,000	
2025	$150,000	
2026	$150,000	
2027	$150,000	
TOTAL	**$750,000**	

PROJECT TEAM

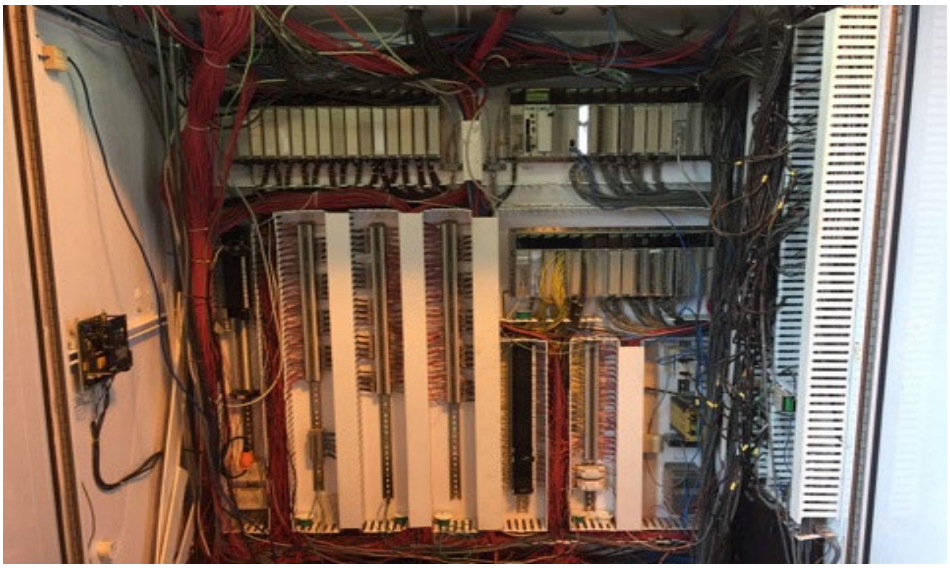
CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: NA

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
PLC Upgrades

BACKGROUND

The programable logic controllers throughout the plant are outdated and obsolete. Parts are becoming harder to find and more expensive, they also become harder to integrate into newer plant operations and control software as they age. Project would include equipment purchase, installation, and software integration into the plant's operation network.



PROJECT TIMELINE

2023	PLC Upgrades
2024	PLC Upgrades
2025	PLC Upgrades
2026	PLC Upgrades
2027	PLC Upgrades

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$100,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$25,000	
2025	$25,000	
2026	$25,000	
2027	$25,000	
TOTAL	**$200,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: Systems Group Technologies

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Primary Settling Tanks – Concrete Repairs

BACKGROUND

The primary settling tanks at the wastewater treatment plant are starting to show fractures on the outside walls. Repairs will be needed to maintain structural integrity.

PROJECT TIMELINE

2023	
2024	Contact Odle to determine extent of repair work.
2025	Repair Primary Settling Tanks
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$0	
2025	$1,000,000	
2026	$0	
2027	$0	
TOTAL	**$1,000,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: Odle Inc

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
Process Pump Replacement

BACKGROUND

The wastewater treatment plant's process pumps were installed with the 1980's plant expansion and began reaching their end-of-life conditions over the previous few years.

PROJECT TIMELINE

2023	Contract vendors about replacement pumps
2024	Identify pumps and replace as deemed necessary
2025	Identify pumps and replace as deemed necessary
2026	Identify pumps and replace as deemed necessary
2027	Identify pumps and replace as deemed necessary

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024	$100,000	
2025	$100,000	
2026	$100,000	
2027	$100,000	
TOTAL	**$400,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: NA

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
AT 4-7 Interconnection Valves

BACKGROUND

This project will give the WWTP flexibility in the use of the existing aeration basins. The biggest benefit will come when it comes time to drain the aeration tanks. We currently have to use a hydraulic pump to pump 250,000 gallons of sewage to another tank that has an existing floor drain. This will save wear and tear on equipment and the reduce the cost of fuel to run the pump.

PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$100,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$100,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: NA
CONTRACTOR: NA

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
UV Disinfection Equipment Replacement

BACKGROUND

Replacement of the UV disinfection equipment at the wastewater treatment plant has become a priority as the current unit is obsolete and difficult to maintain. Parts are becoming more expensive due to age of equipment.

PROJECT TIMELINE

2023	Replace equipment end of 2023/start of 2024
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$1,500,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,500,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Treatment
VFD Replacement

BACKGROUND

This is an ongoing project to replace all the wastewater treatment plant's variable frequency drives. The current VFDs have reached their end of life and have become difficult to find parts for and perform repairs on.

PROJECT TIMELINE

2023	Replace equipment
2024	Replace equipment
2025	Replace equipment
2026	Replace equipment
2027	Replace equipment

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$75,000	At this time, no outside funding sources have been identified and all project funding is through utility fund revenues.
2024	$75,000	
2025	$75,000	
2026	$75,000	
2027	$75,000	
TOTAL	**$375,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: Crescent Electric

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Large Meter Replacement

BACKGROUND

With normal use a water meter loses accuracy during the span of its life expectancy, the loss of flow reading ability is most pronounced in large-diameter meters. This rotating fund is aimed at replacing the large-diameter meters used by the high flow business users of the City. This ensures proper water use tracking within the system.

PROJECT TIMELINE

2023	Replacement of aged large meters by City crews
2024	Replacement of aged large meters by City crews
2025	Replacement of aged large meters by City crews
2026	Replacement of aged large meters by City crews
2027	Replacement of aged large meters by City crews

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$25,000	Funding will alternate yearly between the water maintenance fund and the sewer maintenance fund. Fund noted after yearly amount.
2024	$25,000	
2025	$25,000	
2026	$25,000	
2027	$25,000	
TOTAL	**$125,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: In House
CONTRACTOR: In House

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Inflow/Infiltration Remediation

BACKGROUND

As sewer lines age, they begin to allow ground water infiltration into the sewers. During rain events these areas of I&I allow large amounts of water into the system which disrupts wastewater treatment plant operations. Once introduced the City must also absorb the cost of treating this otherwise clean water. As areas in need of repair are found via camera inspection they will be scheduled for repair, but this line item allows for repairs to lines that were not known but need immediate reaction to.

PROJECT TIMELINE

2023	Reactive repair of deficiencies found during camera inspections
2024	Reactive repair of deficiencies found during camera inspections
2025	Reactive repair of deficiencies found during camera inspections
2026	Reactive repair of deficiencies found during camera inspections
2027	Reactive repair of deficiencies found during camera inspections

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$175,000	Project will be funded from the sewer maintenance fund
2024	$175,000	
2025	$175,000	
2026	$175,000	
2027	$175,000	
TOTAL	**$875,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Sanitary Sewer Replacement

BACKGROUND

As sewer lines age, deteriorate, and begin to fail, they must be replaced. A failed sewer line can allow wastewater to discharge into the surrounding soil, potentially poisoning natural soils and waterways. This is also a required maintenance item, as knowingly allowing the exfiltration of sewers into the environment would be a violation of the City's OEPA permits. As sewer lines are found to be in a failed condition via camera inspections, they will be scheduled for replacement by City staff.

PROJECT TIMELINE

2023	Reactive repair of deficiencies found during camera inspections
2024	Reactive repair of deficiencies found during camera inspections
2025	Reactive repair of deficiencies found during camera inspections
2026	Reactive repair of deficiencies found during camera inspections
2027	Reactive repair of deficiencies found during camera inspections

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$100,000	Project will be funded from the sewer maintenance fund
2024	$100,000	
2025	$100,000	
2026	$100,000	
2027	$100,000	
TOTAL	**$500,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Pump Station Repair

BACKGROUND

This allocation is for the routine maintenance required with keeping the City's 12 pump stations in good operating order. As stations require replacement or repair, this fund will allow for the work to happen.

PROJECT TIMELINE

2023	
2024	Pump station repair/upgrade
2025	
2026	Pump station repair/upgrade
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the sewer maintenance fund
2024	$25,000	
2025	$0	
2026	$30,000	
2027	$0	
TOTAL	**$55,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Shelbourne Forest Sewer CIPP

BACKGROUND

Cast in-place pipe (CIPP) is a form of sewer repair that can be used in lieu of digging up and replacing. The Shelbourne Forest subdivision sewers have been found to be in failed condition, in need of replacement, and CIPP lining will work in this location to correct failures. This will also reduce the areas inflow & infiltration (I&I) rates during rain events.

PROJECT TIMELINE

2023	Bid out and constructed
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$280,000	Project will be funded from the sewer maintenance fund
2024	$0	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$280,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Sunnyview Subdivision Section7 CIPP Lining

BACKGROUND

Cast in-place pipe (CIPP) is a form of sewer repair that can be used in lieu of digging up and replacing. The Sunnyview subdivision section 7 sewers have been found to be in failed condition, in need of replacement, and CIPP lining will work in this location to correct failures. This will also reduce the areas inflow & infiltration (I&I) rates during rain events.

PROJECT TIMELINE

2023	
2024	Rehabilitation of indicated sewer lines by CIPP lining
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the sewer maintenance fund
2024	$200,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$200,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
North Union Alley Sewer CIPP Lining

BACKGROUND

Through sewer system camera inspections, the N. Union St. alley sewer has been found to be a high source of system inflow & infiltration (I&I). The size and scope of repairs needed in the area exclude it from fitting within the revolving I&I remediation line item. The remediation efforts entail lining of approximately 500 LF of 8" sewer main.

PROJECT TIMELINE

2023	
2024	
2025	Rehabilitation of indicated sewer lines by CIPP lining
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the sewer maintenance fund
2024	$0	
2025	$50,000	
2026	$0	
2027	$0	
TOTAL	**$50,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
East William Sewer Lining

BACKGROUND

Through sewer system camera inspections, areas of the E. Williams St. sewer have been found to be a high source of system inflow & infiltration (I&I). The size and scope of repairs needed in the area exclude it from fitting within the revolving I&I remediation line item. The remediation efforts entail lining of approximately 2,700 linear foot of 8" sewer main.

PROJECT TIMELINE

2023	
2024	
2025	
2026	Rehabilitation of sewer main along E. William
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the sewer maintenance fund
2024	$0	
2025	$0	
2026	$300,000	
2027	$0	
TOTAL	**$300,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

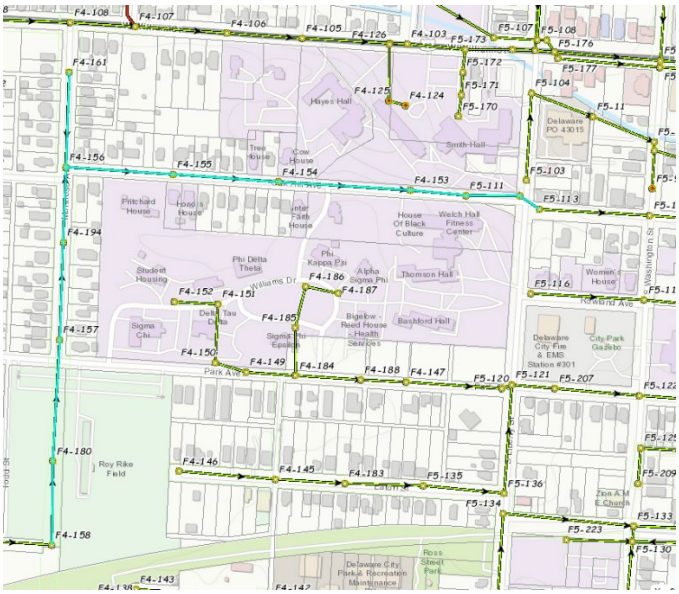
EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Montrose/Oakhill CIPP Lining

BACKGROUND

Cast in-place pipe (CIPP) is a form of sewer repair that can be used in lieu of digging up and replacing. The Montrose/Oakhill sewers have been found to be in failed condition, in need of replacement, and CIPP lining will work in this location to correct failures. This will also reduce the areas inflow & infiltration (I&I) rates during rain events.

The length of the section that needs lined is approximately 3600 LF. Proposed work orders from 2009 (CCTV images) can be found at 23-23 and 23-26.



PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	Rehabilitation of indicated sewer lines by CIPP lining

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Project will be funded from the sewer maintenance fund
2024	$0	
2025	$0	
2026	$0	
2027	$180,000	
TOTAL	**$180,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Collections
Septic Truck Tank Replacement

BACKGROUND

The Septic truck at the wastewater plant (1995 PETERBUILT, VIN 1XPALA0X9SN384864) removes septage wastes from septic tanks, cesspools etc., for disposal. The tank that is currently on the septic truck is in poor condition and in need of immediate replacement.

PROJECT TIMELINE

2023	Replacement of the septic truck tank
2024	
2025	Replacement of the septic truck tank
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$50,000	Project will be funded from the sewer maintenance fund
2024	$0	
2025	$32,500	
2026	$0	
2027	$0	
TOTAL	**$50,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
WASTEWATER CAPACITY FUND PROJECTS
2023-2027

	2023	2024	2025	2026	2027
BALANCE FORWARD	6,988,931	7,205,231	5,373,031	6,293,331	5,307,131
REVENUES:					
Wastewater Capacity Fees	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Repayment from Storm Fund	344,500	344,500	344,500	344,500	344,500
Sewer Fees Transfer - 2007,2008,2009	1,710,195	1,718,169	1,728,180	1,736,661	57,501
BALANCE PLUS REVENUES	**11,043,626**	**11,267,900**	**9,445,711**	**10,374,492**	**7,709,132**
EXPENDITURES:					
DEBT SERVICE					
23 North Sewer ($1,000,000, 25 yrs, 4.51%, 2031)	59,324	58,518	59,430	58,483	57,501
SE Highland Sewer ($10,165,000, 2037)	828,200	826,700	824,200	830,700	830,700
Plant Expansion ($20,882,000, 20 yrs, 3.59%, 2027)	1,650,871	1,659,651	1,668,750	1,678,178	
COLLECTION CAPACITY PROJECTS					
Sewer Oversizing/Extension	1,000,000	200,000	200,000	200,000	200,000
US 42 Sewer Extension	150,000	1,500,000			
Industrial South Sewer			200,000	2,300,000	
Slack Rd. Force Main Rerouting	150,000	1,500,000			
Belle Ave Sewer Capacity Improvements		150,000			
London Rd Sewer Capacity Improvements			200,000		
Pittsburgh Dr Capacity Upgrades - Phase I					2,000,000
TOTAL EXPENDITURES	**3,838,395**	**5,894,869**	**3,152,380**	**5,067,361**	**3,088,201**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
Sewer Oversizing and Extension

BACKGROUND

The City of Delaware continues to experience rapid growth, with several new developments beginning each year. Each new development is expected to install all connections needed for their utility's services, including taking those services to the edge of their property for the next development to continue. This fund is used to pay the City's portion of the oversizing, when the City requires a developer to put in larger service lines than their development requires.

PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$1,000,000	At this time, no outside funding sources have been identified and all project funding is through the sewer capacity fund.
2024	$200,000	
2025	$200,000	
2026	$200,000	
2027	$200,000	
TOTAL	**$1,800,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
US 42 Sewer Extension

BACKGROUND

Through ongoing discussion between Public Utilities, Planning, and Economic Development, as well as input from the City's new comprehensive development plan, it is agreed that the South-West industrial corridor of the City is of vital importance to our future growth and health. By creating utility ready land for industrial, commercial, and mixed-use, developers will be more likely to choose the City of Delaware as their new home.

This project will extend sewer service from the Slack Rd area and travel along US 42, giving the City the ability to serve a large portion of the undeveloped land present.

PROJECT TIMELINE

2023	Plan and bid package development
2024	Project bid, award, and construction
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$150,000	At this time, no outside funding sources have been identified and all project funding is through the wastewater capacity fund.
2024	$1,500,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,650,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
Industrial Loop South Sewer

BACKGROUND

Through ongoing discussion between Public Utilities, Planning, and Economic Development, as well as input from the City's new comprehensive development plan, it is agreed that the South-West industrial corridor of the City is of vital importance to our future growth and health. By creating utility ready land for industrial, commercial, and mixed-use, developers will be more likely to choose the City of Delaware as their new home.

This project will provide sewer South from Slack Road, crossing under Sawmill Parkway, and turning to follow the rear of the properties along Bunty Station Rd. This will provide service to many potential development properties along Sawmill, Slack, and Bunty Station.

PROJECT TIMELINE

2023	
2024	
2025	Plan and bid package development
2026	Project bid, award, and construction
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$0	
2025	$200,000	
2026	$2,300,000	
2027	$0	
TOTAL	**$2,500,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
Slack Rd Force Main Rerouting

BACKGROUND

The South-West industrial quarter has been flagged as an area of high criticality in the growth and financial stability of the City. Current sewer capacities of the area are not ready for any sizable growth. This project removes the bottleneck of the area by relocating where the Slack Rd. lift station pumps into.

PROJECT TIMELINE

2023	Project Design
2024	Project Construction
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$150,000	Outside funding is not expected, project will be funded from the sewer capacity fund.
2024	$1,500,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$1,650,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
Belle Ave Capacity Improvements

BACKGROUND

Belle Ave. is currently a bottleneck in the sewer system of its tributary area, creating flow restriction to sections of the City upstream from it. Through investigation, the best method of capacity improvement will be determined, but could include pipe upsizing or internal cure in place pipe installation.

PROJECT TIMELINE

2023	
2024	Project Design and construction
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Outside funding is not expected, project will be funded from the sewer capacity fund.
2024	$150,000	
2025	$0	
2026	$0	
2027	$0	
TOTAL	**$150,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
London Rd Capacity Improvements

BACKGROUND

London Rd. is currently a bottleneck in the sewer system of its tributary area, creating flow restriction to sections of the City upstream from it. Through investigation, the best method of capacity improvement will be determined, but could include pipe upsizing or internal cast in place pipe installation.

PROJECT TIMELINE

2023	
2024	
2025	Project Design and construction
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Outside funding is not expected, project will be funded from the sewer capacity fund.
2024	$0	
2025	$200,000	
2026	$0	
2027	$0	
TOTAL	**$200,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PUBLIC UTILITIES
Wastewater Capacity
Pittsburgh Dr Capacity Upgrades Phase 1

BACKGROUND

Perform upgrades to the Pittsburgh Drive lift station to meet future flows. Upgrade one pump to 1.5 MGD capacity in the near-term to provide adequate capacity for 2035 flows and the second with an additional 1.5 MGD capacity pump in the long-term to provide adequate capacity for full build-out flows.

Replace existing Pittsburgh Drive force main and extend it parallel to existing gravity main to manhole G3-28 at London Road to provide capacity to convey 2035 flows. Construct 6,193 ft of 10" force main and perform improvements at 2 existing manholes. Abandon existing force main.

(Recommended by the 2017 Sanitary Sewer Collection Master Plan (HDR))

PROJECT TIMELINE

2023	
2024	
2025	
2026	
2027	Plan, Design and Construction cost

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	At this time, no outside funding sources have been identified and all project funding is through the water capacity fund.
2024	$0	
2025	$0	
2026	$0	
2027	$2,000,000	
TOTAL	**$2,000,000**	

PROJECT TEAM

CITY LEAD: Public Utilities
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
REFUSE EQUIPMENT
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Refuse Fees	610,000	628,000	910,000	435,000	-
TOTAL REVENUES	**610,000**	**628,000**	**910,000**	**435,000**	**-**
EXPENDITURES:					
Semi-Automated/Split Body	410,000				
Rear Load	200,000	206,000			
Semi-Automated Sideload - Lodal		422,000	435,000		
Pickup Truck 2WD			40,000		
Automated Sideload			435,000	435,000	
TOTAL EXPENDITURES	**610,000**	**628,000**	**910,000**	**435,000**	**-**

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS

Public Works Solid Waste Collection

BACKGROUND

Residential waste and recycling collection operations require ten mainline and two backup sideload trucks. Commercial and yard waste collection each utilize two rear load trucks. The expected useful life of a frontline sideload service vehicle has recently been increased to 10 years, which has increased over past years largely as a function of having qualified fleet mechanics to maintain our equipment continuously. In 2021, the City introduced recycling in tipcarts through a pilot program with good success, and continued with the distribution of an additional 900 carts in '22. A grant will be submitted to continue the expansion of 65-gallon recycling carts in '23 and beyond.

PROJECT TIMELINE

2023	(1) Automated Side Load Trucks, (1) Rear Load
2024	(2) Automated Side Load Trucks
2025	(2) Automated Side Load Trucks (Additional); (1) PU Truck
2026	(1) Automated Side Load Trucks (Additional)
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$610,000	Refuse Fund & DKMM Grant for Tip Carts
2024	$628,000	Refuse Fund & DKMM Grant for Tip Carts
2025	$910,000	Refuse Fund & DKMM Grant for Tip Carts
2026	$435,000	Refuse Fund & DKMM Grant for Tip Carts
2027		
TOTAL	**$2,583,000**	

PROJECT TEAM

CITY LEAD: Public Works – Solid Waste
DESIGN CONSULTANT: N/A
CONTRACTOR: State Purchasing Contract

CAPITAL IMPROVEMENT PLAN
EQUIPMENT
2023-2027

	2023	2024	2025	2026	2027
REVENUES:					
Golf Course Funds	110,000	75,000	66,000	60,000	14,000
CIP Allocation *(pg.1)*	***802,500***	***1,732,000***	***1,105,000***	***948,500***	***951,000***
TOTAL REVENUES	**802,500**	**1,732,000**	**1,105,000**	**948,500**	**951,000**
EXPENDITURES:					
PARKS					
7- Zero Turn Mowers	35,000	36,000	37,000	38,000	39,000
Ford F350 w/ Dump Bed and Chipper Box		100,000			
Pick-up Truck w/ Plow		58,000			74,000
Pick-up Truck w/ Dump Bed		80,000			
Skid Steer			72,000		
John Deere 5310 Tractor				55,000	
Mower Max Utility Machine	215,000				
ABI Ballfield Machine			52,000		
Dump Trailer		10,000			
HIDDEN VALLEY GOLF COURSE					
Pick-up Truck 4x4			66,000		
Zero Turn Mower		12,000			14,000
Fairway Mower		63,000			
Greens Mower	55,000				
Fringe/ Tee Box Mower	55,000				
Golf Carts (20)				60,000	
OAK GROVE CEMETERY					
Gator 4x4	20,000	21,000			
2- Zero Turn Mowers	17,500		34,000		31,000
Ford F350 W/ Dump Bed				86,000	
John Deere 250 Front Loader			72,000		
POLICE DEPARTMENT					
Cruiser Replacement (4)	260,000	265,000	270,000	275,000	280,000
Unmarked Vehicle Replacement		92,000	49,000	52,000	54,000
FLEET MAINTENANCE					
Forklift			50,000		
STREETS					
Pickup Trucks (4WD w/plow)		120,500			74,000
Pickup Trucks (2WD)			66,000	70,000	
Single Axle Dump w/ Plow & Salt Controls		535,500	298,000	320,000	344,000

CAPITAL IMPROVEMENT PLAN
EQUIPMENT
2023-2027

	2023	2024	2025	2026	2027
Backhoe		166,000			
Asphalt Paver	205,000				
Coring Machine w/ Trailer & Attachments		38,000			
TRAFFIC					
Pickup Trucks		62,500	55,000		
ENGINEERING					
Pickup Trucks		47,500			
5 Passenger SUV		50,000	50,000	52,500	55,000
FACILITIES					
Van/Truck (Hybrid)	50,000				
Van		50,000			
TOTAL EXPENDITURES	**912,500**	**1,807,000**	**1,171,000**	**1,008,500**	**965,000**

EST 1808 CITY OF DELAWARE OHIO

POLICE DEPARTMENT

Fleet Replacement

BACKGROUND

The Delaware Police Department maintains a fleet of fourteen marked Ford Police Interceptor Utilities for use as "front-line" patrol cruisers. These cruisers, depending on staffing, are used three shifts a day and average more than 30,000 miles a year.

Dependability and Reliability, for front-line use, typically reaches a fatigue point around three years or 100,000 miles. At this juncture, the cruisers are rotated into a secondary assignment in the police department fleet. An example would be cars assigned to School Resource Officers, Community Resource Officer, or training. At end of life, the vehicles are decommissioned and re-purposed elsewhere in the city fleet.

Replacing four front-line cruisers each year allows for a three-year rotation, maintains lower fleet mileage, rotates vehicles prior to significant repair costs, and supports safe operation for public safety use.

Unmarked police vehicles are maintained for use by administrative officers, detectives, and civilian staff. These vehicles are scheduled to be replaced on a significantly longer schedule. Typically, one replacement per year. A single detective vehicle would be replaced in FY2023.

PROJECT TIMELINE

2023	4 Cruisers and 1 unmarked vehicle
2024	4 Cruisers and 1 unmarked vehicle
2025	4 Cruisers and 1 unmarked vehicle
2026	4 Cruisers and 1 unmarked vehicle
2027	4 Cruisers and 1 unmarked vehicle

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$305,000	At this time, no outside funding sources have been identified and all project funding is through general fund revenues.
2024	$312,000	
2025	$319,000	
2026	$327,000	
2027	$341,000	
TOTAL	**$ 1,938,000**	

PROJECT TEAM

CITY LEAD: Police Department
DESIGN CONSULTANT: N/A
CONTRACTOR: N/A

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Vehicle/Equipment

BACKGROUND

Parks and Natural Resources

7 Zero turn mowers will be replaced. This is an annual practice as each mower logs 700-800 hours per season. We have found this to be more efficient in maintenance and cost.
Additionally: several pick-up trucks, a skid steer and a tractor are included.

Oak Grove Cemetery

2- Zero turn mowers will be replaced. This is a bi-annual practice which allows us to maintain value and minimize maintenance. Replace a gator.
Additional purchases include mowers and a replacement pick-up truck

Hidden Valley Golf Course

Replace 2 finish mowers to update equipment. The addition of this equipment will minimize maintenance down time.
Additional purchases include various mowers and 20 golf carts in 2026.

Building Maintenance

Replace van

PROJECT TIMELINE

2023	**Parks:** 7-Zero Turn Mowers, 1 Ton Truck w/Dump Bed and Chip Box, ¾ Ton Truck w/Plow, Mower Max; **HVGC:** 2 Greens Mowers; **Cemetery**: 2 Zero Turn Mowers, Gator**; Facilities:** Van
2024	**Parks:** 7 Zero Turn Mowers, 1 Ton Truck w/ Dump Bed, Dump Trailer; **HVGC:** Zero Turn Mower, Fairway Mower; **Cemetery:** Gator**; Facilities:** Van
2025	**Parks:** 7 Zero Turn Mowers, Skid Steer w/Cab, ABI Ballfield Machine; **HVGC:** 4x4 Truck; Cemetery: 2 Zero Turn Mowers, Skid Steer
2026	**Parks:** 7-Zero Turn Mowers, Tractor; **HVGC:** 20 Golf Carts; **Cemetery:** 1 Ton Truck w/ Dump Bed
2027	**Parks:** 7-Zero Turn Mowers, ¾ Ton Truck w/Plow; **HVGC:** Zero Turn mower; **Cemetery**: 2 Zero Turn Mowers

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$605,500	At this time, no outside funding sources have been identified and all project funding is through Capital Improvement Fund (410)
2024	$272,000	
2025	$333,000	
2026	$239,000	
2027	$158,000	
TOTAL	**$1,607,500**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

CAPITAL IMPROVEMENT PLAN
UNFUNDED PROJECTS
2023-2027

	2023	2024	2025	2026	2027	2028
REVENUES:						
APRON A EXPANSION (90% Federal/10% Local)						
FAA BIL AIG*	590,000	295,000	295,000	295,000	295,000	
FAA Discretionary	1,200,000					
***Funding Gap - CIP Allocation** (pg.1)*	***2,838,389***	***1,205,000***	***29,705,000***	***9,835,000***	***0***	***45,330,000***
TOTAL REVENUES	**1,790,000**	**295,000**	**295,000**	**295,000**	**295,000**	**-**
EXPENDITURES:						
APRON A EXPANSION (90% Federal/10% Local)						
Construction	2,813,389					
Construction Engineering	215,000					
MINGO FACILITY/POOL IMPROVEMENTS		1,500,000	22,000,000			
ATHLETIC FIELD COMPLEX				130,000	800,000	40,000,000
SOUTH COMMUNITY PARK DEVELOPMENT			8,000,000	10,000,000		
PARKING SOLUTION						
Parking Garage						
Parking Infrastructure & Enforcement						
*BYXBE PARKWAY EXTENSION PHASE 1B***						
ROW Acquisition	1,000,000					
Construction	200,000					
Reimbursement for Phase I & II Waterline	400,000					
RIVERWEST						
JUSTICE CENTER						5,330,000
TOTAL EXPENDITURES	**4,628,389**	**1,500,000**	**30,000,000**	**10,130,000**	**800,000**	**45,330,000**

*Phased out at $295k through 2026

EST 1808 CITY OF DELAWARE OHIO

PUBLIC WORKS
Airport
Apron 'A' Expansion

BACKGROUND

As use of the airport continues to increase, specifically by larger jet aircraft, the need to adjust the availability of ample apron space for aircraft staging and storage remains a challenge. In 2021, the City agreed to service corporate jet traffic associated with the Muirfield Golf Club. As a result, certain airport infrastructure needs must be addressed to accommodate the increase in aircraft ground traffic if an acceptable LOS is to be maintained. The expansion of Apron 'A' to the east will provide for adequate apron storage space to stage arriving, departing, and overnight aircraft without blocking the apron fronting the fueling operations or access to Ramp 'B' including the existing Jetstream hangar, and location of future larger aircraft hangars. The expansion will also provide for the continued availability of small aircraft tiedown spaces for overnight or longer-term parking.

PROJECT TIMELINE

2021	Design
2023	Construction
2024	
2025	
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$3,100,000	$1,475,000 (FAA AIG); $1,625,000 (Local)
2024		
2025		
2026		
2027		
TOTAL	**$3,100,000**	

PROJECT TEAM

CITY LEAD: Public Works - Airport/Engineering
DESIGN CONSULTANT: CHA
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Athletic Field Complex

BACKGROUND

In 2023, we are recommending the addition of an athletic field complex located on city land off Armstrong Road. The proposed site is 52 acres. With recreation programming growth, we are anticipating the need for an additional 64 acres of athletic field space.

The development of the site for athletic field space is estimated to cost 30- 40 million dollars. Expanding facilities for soccer, lacrosse and cricket would be priorities for this site. We would also propose several artificial turf fields to accommodate more intensive use.

The proposed facility would require financial support from user groups for maintenance and sustainability of fields. In addition, a facility like this could be supported by sponsors that share in the cost of building and maintaining.

The initial master planning of this site is estimated to cost $130,000 and is proposed in 2023. Part of the master plan would include a study to determine potential revenue opportunities, user fees and sponsorship policies.

PROJECT TIMELINE

2023	Master Planning and feasibility study
2024	Construction plans
2025	Project construction
2026	
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023		Park Impact Fees
2024		
2025	$130,000	
2026	$800,000	
2027	$40,000,000	
TOTAL	**$40,930,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Mingo Facility/Pool Improvements

BACKGROUND

The Mingo Recreation Center and Jack Florance Pool have many years of use and it is recommended that the facility be renovated. Here is the historical timeline of the facility development:
1976- Pool, locker rooms and Hilborn Room constructed
1994- gymnasium built
2007- Leisure pool renovated and slides added, offices added
2013- depth added to lap pool

The pool facility has been in operation for 46 years and is showing its age each year as it is very difficult to maintain and remain open. The mechanical and filtration building will require a complete overhaul in future and the pools have shown signs of leaking. In its current state, the pool will not be able to remain open without significant improvements.

A complete renovation of the pool is estimated at 8-10 million dollars. An updated pool will have several advantages such as a design that minimizes labor, efficient utilities, reduced maintenance costs and a modern facility. In addition updating the gymnasium and rec center space would benefit recreation programming and fulfill the indoor recreation space identified in the Parks Master Plan. This cost is estimated at 10-12 Million.

PROJECT TIMELINE

2023	Determine funding source
2024	Design of new facility
2025	Facility construction
2026	Pool Opening
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Park Impact Fees
2024	$1,500,000	
2025	$22,000,000	
2026	$0	
2027	$0	
TOTAL	**$23,500,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD

EST 1808 CITY OF DELAWARE OHIO

PARKS & NATURAL RESOURCES

Southwest Community Park

BACKGROUND

The Parks Master Plan identified the need for a southwest community park to provide for the recreation needs of this growing population. A feasibility study completed in 2021 proposed a 40 acre site to provide for the amenities needed.

The City has been working with landowners to identify a site that works with surrounding land uses and meets the criteria for the park. Once a site has been finalized, the master planning stage can begin that will involve additional public outreach to plan the park.

The final stage will be to identify funding for maintenance and construction of the facility. Construction is estimated at 13 million.

PROJECT TIMELINE

2023	Finalize and purchase site
2024	
2025	Park planning and construction
2026	Park construction
2027	

FINANCING

YEAR	AMOUNT	IDENTIFIED FUNDING SOURCE(S)
2023	$0	Park Impact Fees
2024	$0	
2025	$8,000,000	
2026	$10,000,000	
2027	$0	
TOTAL	**$18,000,000**	

PROJECT TEAM

CITY LEAD: Parks & Natural Resources
DESIGN CONSULTANT: TBD
CONTRACTOR: TBD