

3



November 7, 2024

Honorable Board of County Commissioners
 Hamilton County, Ohio
 % Mr. Jeff Aluotto
 Hamilton County Administrator
 Todd B. Portune Center for County Government
 138 E. Court Street, Room 603
 Cincinnati, Ohio 45202

Honorable Commissioners:

Enclosed for your consideration are resolutions provided by the City of Cincinnati, through its Department of Sewers, as the sole management agency for the operation and maintenance of the Metropolitan Sewer District of Greater Cincinnati ("MSD"), to authorize and adopt the proposed 2025-2029 MSD Capital Improvement Program ("CIP"), including the 2025 Capital Budget Request.

The proposed 2025-2029 CIP encompasses a five-year planning period with an estimated total of \$1,388.4M in spending, broken down as follows:

Year	CIP Budget	No. CIP Projects
2025	\$529.7M	10
2026	\$222.8M	20
2027	\$190.6M	18
2028	\$130.9M	20
2029	\$314.4M	10
Total	\$1,388.4M	78

The 2025 Capital Budget Request for \$529.7M reflects the capital investment needs of MSD's infrastructure and the proposed Consent Decree Wet Weather Improvement Program ("WWIP") Phase 2B foundational projects, as presented in the County's Phase 2B Initial Offer submission to the Regulators on June 28, 2024. Recognizing the significant commitments to WWIP Phase 2B projects in the coming year, necessary capital investments must be deferred from 2025 to future years to fit within the affordability limit of our community; as determined by the County Administration. While rate affordability is undoubtedly a top priority, deferment of these improvements, which consist entirely of asset management projects, is not without increased risk to the MSD sewer system and the customers it serves. Over 21,000 feet of sewer pipe in poor condition as well as aging pump stations would be replaced, rehabilitated, or otherwise addressed through these deferred projects, mitigating the risk of catastrophic failure and the resulting costs.

Specifically, the following projects were anticipated to advance to the design/easement phase in 2025 based on CIPs accepted by the Board of County Commissioners in prior years, but will be reprogrammed into future years upon acceptance of this year's Capital Budget Request:

PID	Name	Amount
10222005	Colrain-Bevis Pump Station Replacement	\$682,000
10230170	Harrison Avenue North and South Hydraulic Improvements	\$1,005,000
10230655	Muddy Creek Road and Rosebud Drive Sewer Replacement	\$60,000
10240720	Valleyview Court Sewer Replacement	\$9,000
10240765	Fyffe Avenue Sewer	\$461,000
10240795	Central to McMicken at Stark St Sewer Replacement	\$2,300
10240855	Connecticut Avenue Sewer Replacement	\$94,635
10242110	Central Avenue and W 9 th Street Sewer	\$245,000
10242125	Sycamore Street Sewer	\$825,000
	Total	\$3,383,935

Similarly, the following projects were anticipated to advance to the construction phase in 2025 but also will be reprogrammed into future years upon acceptance of this year's Capital Budget Request:

PID	Name	Amount
10240720	Valleyview Court Sewer Replacement	\$1,165,000
10240735	De Votie Avenue Sewer Replacement	\$1,126,000
10240755	Victory Parkway at Ledgewood Sewer Replacement	\$9,745,600
10240760	Highland and Burnet Sewer Replacement	\$327,842
10240775	Gilbert Avenue at Casino Sewer Replacement	\$7,273,000
10240795	Central to McMicken at Stark St Sewer Replacement	\$2,755,443
10240820	Reading Road at Stewart Place Sewer Replacement	\$372,513
10240855	Connecticut Avenue Sewer Replacement	\$2,475,150
10242030	Dorchester Avenue at Highland Avenue Sewer Replacement	\$984,557
10270026	Camargo Canyon Pump Station Elimination	\$1,256,000
10270175	East Hill Ave Sewer Replacement	\$2,426,700
	Total	\$29,907,805

While these projects have been removed from the enclosed legislation, this information is included to inform discussions as the Board continues to weigh and prioritize the growing needs of the District and its ratepayers.

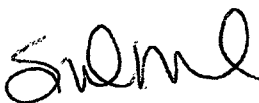
Reflecting the deferrals listed above, the enclosed legislation requests approval of MSD's proposed five-year CIP, requests approval of \$45,096,515 in capital spending for planning, design, and easement work in 2025 (specified in Exhibit A) and of \$37,874,358 in capital spending for construction in 2025 (specified in Exhibit B), with the expectation that \$446,716,883 in capital spending will be requested through the calendar year for the specific construction activities remaining in the 2025 CIP.

Recommended:

Approved:



Diana R. Christy
Director, MSD



Sheryl M. M. Long
City Manager

Provided to Hamilton County on Nov 10, 2024 Reviewed by Karen A Ball and
recommended by County Administration. Commissioner

On motion of Driehaus seconded by Summerow James the
following resolutions were adopted...

MSD RESOLUTION

APPROVING AND ADOPTING THE 2025-2029 CAPITAL IMPROVEMENT PROGRAM
AND APPROPRIATING FUNDS THEREFORTHE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI,
HAMILTON COUNTY, OHIO

WHEREAS, the Metropolitan Sewer District of Greater Cincinnati ("MSD") was established by the Board of County Commissioners, Hamilton County, Ohio (the "Board") and exists as a County Sewer District pursuant to Chapter 6117 of the Ohio Revised Code; and

WHEREAS, the Board and the City of Cincinnati ("City") are parties to an agreement dated April 10, 1968 under which the City undertakes the management and operation of the MSD for and on behalf of the Board, subject to the exclusive control and direction of the Board as provided in said agreement (the "1968 Agreement"); and

WHEREAS, Section V(3)(a) of the 1968 Agreement provides the City will annually prepare a Capital Improvement Program for the five-year period of the year next ensuing ("MSD CIP"); and

WHEREAS, Section V(3)(b) of the 1968 Agreement provides the Board shall hold a public hearing on the MSD CIP as submitted and shall "adopt, or modify and adopt the capital improvement program for the sewer system;" and

WHEREAS, the MSD Director has submitted an MSD CIP for calendar years 2025-2029 ("2025-2029 MSD CIP"), which was developed using MSD's best professional judgment and industry standards with regard to project planning, design, construction, and performance evaluation (post construction monitoring); and

WHEREAS, this Board has reviewed the 2025-2029 MSD CIP as submitted by the MSD Director; and

WHEREAS, after public notice, this Board did conduct public hearings on November 14th and November 19th, 2024 regarding the 2025-2029 MSD CIP, at which hearings all persons desiring to ask questions and make statements were afforded such opportunity; and

WHEREAS, this Board did, on November 19th, 2024, conclude said public hearings on the 2025-2029 MSD CIP; and

WHEREAS, by approving this 2025-2029 MSD CIP, the Board is requiring that all capital projects included therein and proceeding to the planning and design phase, excluding only allowances, achieve the appropriate Stage Gate Committee approval, in accordance with MSD's Project Delivery System (PDS), prior to any planning funds or design funds being expended; and

WHEREAS, by approving this 2025-2029 MSD CIP, the Board is requiring that any project, excepting only those contained in Exhibit B hereto, have separate and project-specific authorization and appropriation of funds through legislation passed by the Board before proceeding to and expending MSD funds for construction; and

WHEREAS, the respective project and allowance activities, as contained in Exhibits A and B, are for the purpose of acquiring, constructing, and improving capital assets to be used in the operation and maintenance of the MSD, as operated under Chapter 6117 of the Ohio Revised Code ("R.C.") and in compliance with R.C. Section 133.01(Z); and

WHEREAS, it has been determined sufficient unappropriated funds are available for use by the MSD to temporarily finance design phase and/or construction phase costs, as applicable, prior to the issuance of long-term revenue bonds.

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Hamilton County, Ohio, that the 2025-2029 Capital Improvement Program of the Metropolitan Sewer District of Greater Cincinnati, which is inclusive of Exhibits A and B (the "Projects"), attached and incorporated by reference, be and is hereby approved and adopted.

BE IT FURTHER RESOLVED that:

1. The sum of eighty-two million nine hundred seventy thousand eight hundred seventy-three dollars (\$82,970,873.00) currently existing in unappropriated funds available for use by the MSD in Capital Improvement Fund 704 maintained by the City of Cincinnati, and the Surplus Account held at US Bank, are hereby appropriated to pay costs incurred in connection with the Projects.
2. Of the \$82,970,873.00 being appropriated, \$45,096,515.00 is to be used for (a) planning activities and studies; (b) the preparation of detailed plans, specifications, and estimates of cost; (c) project-related property acquisitions; (d) a combination of these project activities; or (e) other spending (in the case of MSD Labor, Programmatic Contingency, Program Management, and County Oversight) for the 16 projects contained in Exhibit A.
3. Of the \$82,970,873.00 being appropriated, \$37,874,358.00 is to be used for construction activities for the four items contained in and outlined in Exhibit B.

BE IT FURTHER RESOLVED that:

SECTION 1. Hamilton County, Ohio (the "County") may be expected to pay and/or incur costs with respect to the Projects ("Prior Capital Expenditures") on or after the date of this resolution and prior to the issuance of the obligations (the "Obligations") which will finance the Projects.

SECTION 2. The Board of County Commissioners hereby approves the use of the Obligations in the maximum principal amount of \$82,970,873.00 to finance the costs of the Projects and declares its intent that any Prior Capital Expenditures made by the County will be made in anticipation of the issuance of such Obligations to reimburse said Prior Capital Expenditures. This declaration is made pursuant to Treas. Reg. Section 1.150-2 or any successor thereto.

SECTION 3. The County Administrator, the Director of the Metropolitan Sewer District, the Director of Finance of the City of Cincinnati, the County Auditor and/or US Bank, N.A., as Trustee, each as applicable, are hereby authorized and directed to reimburse, not later than eighteen months after the later of (i) the date the original expenditure was paid or (ii) the date the item was placed in service, only those Prior Capital Expenditures from the Projects and made with respect to assets having a reasonably expected economic life of at least one year, and, in addition, eligible preliminary expenditures paid and incurred in connection with the Projects from the Revenue Fund, Replacement and Improvement Account and/or the Surplus Account.

SECTION 4. The Board of County Commissioners finds and determines that, consistent with the County's budgetary and financial circumstances, it does not have funds currently available and does not expect to have funds available in the future that may be allocated on a long-term basis, other than the proceeds of the Obligations, to finance the Prior Capital Expenditures from the Projects.

SECTION 5. The Board of County Commissioners hereby directs the County Administrator, the Director of the Metropolitan Sewer District, the Director of Finance of the City of Cincinnati, the County Auditor and/or US Bank, N.A., as Trustee, each as applicable, to take the following action at the time the Prior Capital Expenditures from the Projects are reimbursed from proceeds of the Obligations only if said reimbursement relieves the proceeds used for reimbursement from any restrictions imposed by both legal documents under which the Obligations were issued and applicable state law: (1) evidence the reimbursement on the books and records maintained with respect to the Obligations, and (2) identify either the actual prior expenditure to be reimbursed or, in the case of reimbursement of a fund or account, the fund or account from which the expenditure was paid.

SECTION 6. The books, records, and proceedings of the County with respect to this resolution shall be made reasonably available by the County, for inspection by the general public at the County's administrative office every business day during normal business hours commencing no later than 30 days after the passage of this resolution. Said books, records, and proceedings of the County with respect to this resolution will continue to be reasonably available to the general public until the date of issuance of the Obligations.

BE IT FURTHER RESOLVED, that the purpose of the CIP Planning 2025 Allowance, Project ID 10282025, as included in Exhibit A, is for MSD to conduct general planning activities and preliminary investigations to determine whether a project should be created. MSD and the County will collaborate on the creation of any new projects to be approved by the Board.

BE IT FURTHER RESOLVED, that the HSTS Eliminations 2025 Allowance, Project ID 10190325, as included in Exhibit A, is for the purpose of planning and design activities for potential projects intended to eliminate household sewage treatment systems (HSTS). The Board will take all necessary future actions to authorize and fund individual projects, identified through said Allowance or otherwise, in accordance with Ohio Revised Code Chapter 6117 and the MSD Rules and Regulations, including but not limited to such actions required for projects for which any part of the cost will be collected through special assessments.

BE IT FURTHER RESOLVED, that for the purpose of providing continuity of service, any work that has commenced; with associated funds encumbered therefor, for the projects contained in Exhibit B are hereby authorized to continue to utilize encumbered 2025 funding during 2026.

BE IT FURTHER RESOLVED, that the 2025-2029 MSD CIP budget book's out-year projects (2026-2029) and estimated projected budgets are subject to change based on ongoing engineering efforts, affordability considerations, and Consent Decree Phase 2B negotiations. These out year projects are included in the 2025-2029 MSD CIP for planning purposes only and their estimated budgets are not representative of final costs when presented for future legislative consideration. Future funding requests should not be evaluated against estimated out-year project costs contained in the 2025-2029 MSD CIP.

BE IT FURTHER RESOLVED, that the Clerk of this Board is hereby directed to certify copies of this resolution for Jeff Alutto, Hamilton County Administrator; Sheryl M. M. Long, Cincinnati City Manager; and Diana R. Christy, Director, MSD.

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 12th day of December, 2024.

Ms. Reece NO

Ms. Driehaus yes

Ms. Summerow Dumas yes

MSD RESOLUTION

AUTHORIZING THE PREPARATION OF REVISIONS TO THE GENERAL PLAN OF SEWERAGE

2025-2029 CAPITAL IMPROVEMENT PROGRAM

EXHIBITS A & B

THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

HAMILTON COUNTY, OHIO

WHEREAS, the Board of County Commissioners of Hamilton County, Ohio (the "Board") did, by resolution adopted on a date even herewith, approve the 2025-2029 Capital Improvement Program ("CIP") for the Metropolitan Sewer District of Greater Cincinnati ("MSD"); and

WHEREAS, the Board wishes to proceed with the completion of detailed plans, specifications, estimates of cost, other relevant documents, right-of-way activities, administrative and other miscellaneous activities associated with and necessary to the projects contained in said approved 2025-2029 MSD CIP, Exhibits A and B; and

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio, that the Metropolitan Sewer District of Greater Cincinnati be and is hereby authorized and directed to complete preparation and submit forthwith, for consideration and approval of this Board, the general plan of sewerage, which shall be as complete as can be developed at the time and devised with regard to any existing sanitary or drainage facilities or prevention or replacement facilities in the MSD and present as well as prospective needs for additional sanitary or drainage facilities or prevention or replacement facilities in the District, revised to include the projects contained in Exhibits A and B of the approved 2025-2029 Capital Improvement Program, attached hereto and incorporated by reference, as well as the related plans, specifications, and estimates of cost.

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 12th day of December, 2024.

Ms. Reece NO

Ms. Driehaus yes

Ms. Summerow Dumas yes

THE METROPOLITAN SEWER DISTRICT
OF GREATER CINCINNATI

November 7, 2024

2025-2029 CAPITAL IMPROVEMENT PROGRAM
EXHIBIT B

Honorable Board of County Commissioners
Hamilton County, Ohio

Pursuant to Ohio Revised Code Section 6117.06(A), I hereby certify that the general plan of sewerage for the Metropolitan Sewer District of Greater Cincinnati ("MSD") has been revised to include the projects included in the attached 2025-2029 Capital Improvement Program, Exhibit B and recommend this Board's approval of the same. Said revised general plan of sewerage is as complete as can be developed at this time and is devised with regard to any existing sanitary or drainage facilities or prevention or replacement facilities in the MSD at present as well as prospective needs for additional sanitary or drainage facilities or prevention or replacement facilities in the MSD.

I further herewith certify the plans, specifications, and estimates of cost for the projects contained in the attached 2025-2029 Capital Improvement Program, Exhibit B.

Respectfully submitted,



Reese P. Johnson, P.E., PMP, Deputy Director, Chief Engineer
Metropolitan Sewer District of Greater Cincinnati
Hamilton County Sanitary Engineer

(for the purposes of the Metropolitan Sewer District of Greater Cincinnati as authorized in the Resolution of February 28, 2007, Comm. Minutes, Vol. 305, Images 4190 - 4191)

MSD RESOLUTION

APPROVING A REVISED GENERAL PLAN OF SEWERAGE TO INCLUDE

2025-2029 CAPITAL IMPROVEMENT PROGRAM

EXHIBIT B

THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
HAMILTON COUNTY, OHIO

WHEREAS, the Board of County Commissioners of Hamilton County, Ohio (the "Board") did, by resolution adopted on a date even herewith, approve the 2025-2029 Capital Improvement Program for the Metropolitan Sewer District of Greater Cincinnati ("MSD") and authorize planning and design phase activities for the projects contained in Exhibit B thereto (the "Improvements"); and

WHEREAS, the Hamilton County Sanitary Engineer (for the purposes of the Metropolitan Sewer District of Greater Cincinnati as authorized in the Resolution of February 28, 2007, Comm'rs Min., Vol. 305, Images 4190 - 4191) has completed said activities and revised the general plan of sewerage for MSD to include the improvements and has certified the same, as well as the related plans, specifications, and estimates of cost, with his recommendation for approval by this Board; and

WHEREAS, special assessments are not to be levied and collected to pay any part of the cost of the Improvements; and

WHEREAS, the Improvements are for the purpose of acquiring, constructing, and improving capital assets to be used in the operation and maintenance of the MSD, as operated under Chapter 6117 of the Ohio Revised Code ("R.C.") and in compliance with R.C. Section 133.01(Z).

NOW, THEREFORE, BE IT RESOLVED, by this Board of County Commissioners of Hamilton County, Ohio, and pursuant to Ohio Revised Code Section 6117.06 (A), that the aforesaid general plan of sewerage for the Metropolitan Sewer District of Greater Cincinnati, revised to include the Improvements set forth in Exhibit B of the approved 2025-2029 Capital Improvement Program, attached hereto and incorporated by reference, as well as related plans, specifications, and estimates of cost are hereby approved.

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 12th day of December, 2024.

Ms. Reece NO

Ms. Driehaus Yes

Ms. Summerow Dumas Yes

MSD RESOLUTION**DECLARING THE NECESSITY TO CONSTRUCT
AND DETERMINING TO PROCEED WITH THE IMPROVEMENTS****2025-2029 CAPITAL IMPROVEMENT PROGRAM
EXHIBIT B****THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
HAMILTON COUNTY, OHIO**

WHEREAS, the Board of County Commissioners of Hamilton County, Ohio (the "Board") did, by resolution adopted on a date even herewith, approve the 2025-2029 Capital Improvement Program for the Metropolitan Sewer District of Greater Cincinnati ("MSD"); and

WHEREAS, the Board of County Commissioners of Hamilton County, Ohio (the "Board") has heretofore approved a general plan of sewerage for the Metropolitan Sewer District of Greater Cincinnati ("MSD"), revised to include the projects set forth in Exhibit B of said approved 2025-2029 Capital Improvement Program; and

WHEREAS, said projects are for the purpose of acquiring, constructing, and improving capital assets to be used in the operation and maintenance of MSD, as operated under Chapter 6117 of the Ohio Revised Code ("R.C.") and in compliance with R.C. Section 133.01(Z).

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio:

SECTION 1. That it is hereby declared necessary for the preservation and promotion of public health and welfare to proceed with the construction of the sanitary sewer projects contained in Exhibit B of the approved 2025-2029 Capital Improvement Program for the Metropolitan Sewer District of Greater Cincinnati (the "Improvements"), attached hereto and hereby incorporated by reference.

SECTION 2. That the construction of the Improvements, together with the necessary appurtenances thereto, shall be in accordance with the revised general plan of sewerage for the MSD.

SECTION 3. That said Improvements are generally described as contained in the respective project fact sheets contained in 2025-2029 Capital Improvement Program.

SECTION 4. That the cost of the aforesaid Improvements shall be paid in full by MSD funds, anticipated in the amount of \$37,874,358.00, currently existing and available for use to temporarily finance construction costs prior to the issuance of long-term revenue bonds. Special assessments are not to be levied and collected to pay any part of the cost of the Improvements.

In order to provide a means to pay for the said Improvements, bonds and certificates of indebtedness in anticipation thereof may be issued in accordance with Chapters 6117 and 133 of the Ohio Revised Code, which will be retired from unencumbered sewerage service charge revenues of the MSD.

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners, and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 12th day of December, 2024.

Ms. Reece No

Ms. Driehaus Yes

Ms. Summerow Dumas Yes

MSD RESOLUTION

AUTHORIZING THE CITY MANAGER
TO PROCEED WITH PROCUREMENT OF
CONTRACTS FOR CONSTRUCTION

2025-2029 CAPITAL IMPROVEMENT PROGRAM
EXHIBIT B

THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
HAMILTON COUNTY, OHIO

WHEREAS, on a date even herewith, this Board of County Commissioners of Hamilton County, Ohio (the "Board") determined to proceed with the construction of the projects contained in Exhibit B of the adopted 2025-2029 Capital Improvement Program for the Metropolitan Sewer District of Greater Cincinnati (the "Improvements"), in accordance with the revised general plan of sewerage for MSD; and

WHEREAS, the Improvements are for the purpose of acquiring, constructing, and improving capital assets to be used in the operation and maintenance of the Metropolitan Sewer District of Greater Cincinnati, as operated under Chapter 6117 of the Ohio Revised Code ("R.C.") and in compliance with R.C. Section 133.01(Z); and

WHEREAS, there being no further legislative actions necessary to proceed with construction of the Improvements, it is deemed advisable to proceed with the procurement of contracts for the same.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio, that the City Manager of Cincinnati, Ohio is hereby authorized to proceed, at the earliest possible time and in accordance with the pertinent competitive procedures and requirements, to procure a contract or contracts for the construction of the Improvements contained in Exhibit B of the approved 2025-2029 Capital Improvement Program for the Metropolitan Sewer District of Greater Cincinnati, attached hereto and hereby incorporated by reference.

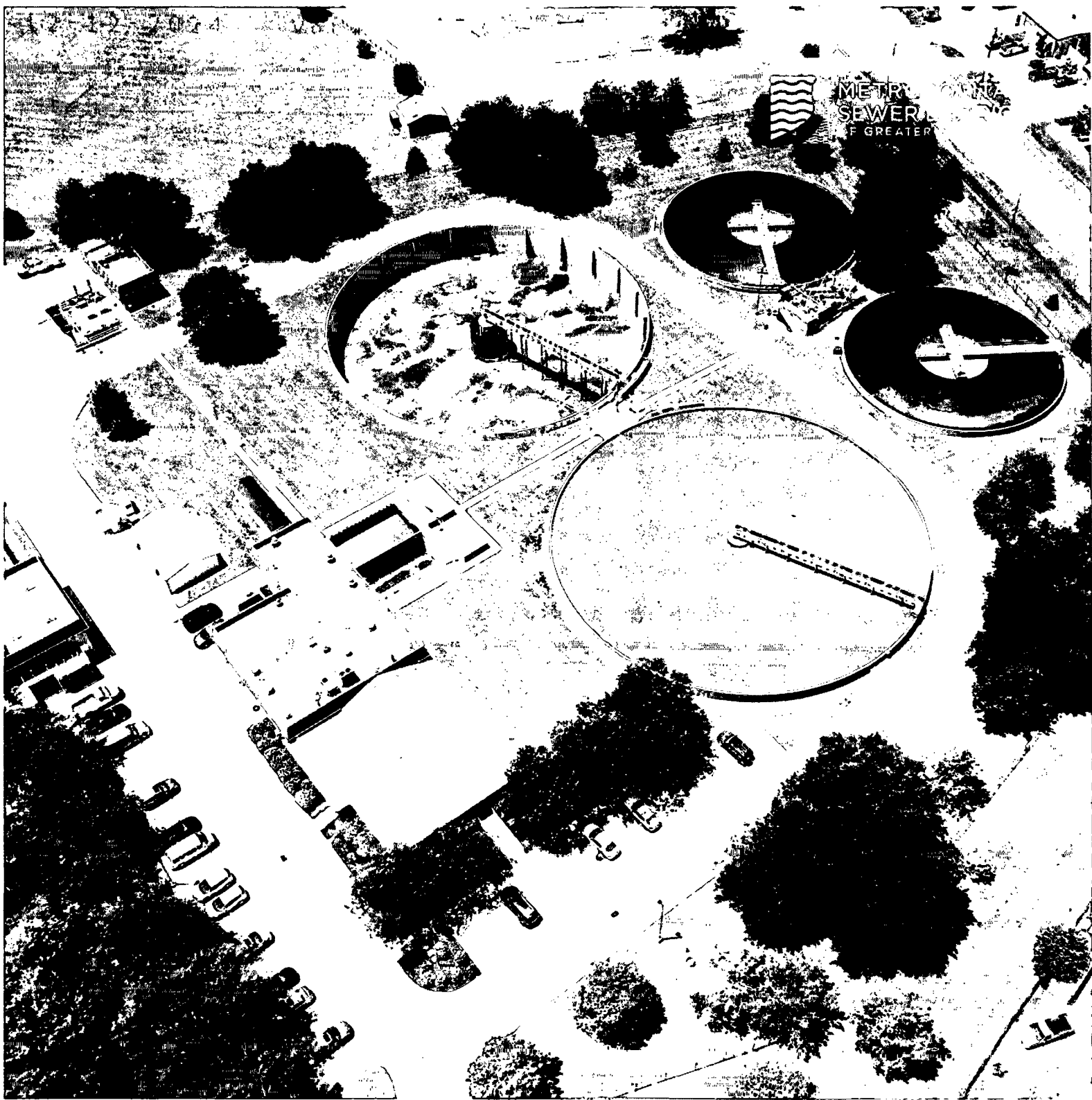
BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 12th day of December, 2024.

Ms. Reece No

Ms. Driehaus Yes

Ms. Summerow Dumas Yes



**PROPOSED 2025 - 2029
CAPITAL IMPROVEMENT PROGRAM (CIP)**
METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
INCLUDING THE 2025 CIP BUDGET REQUEST

11/6/2024



Hamilton County

- Commissioner Alicia Reece, President
- Commissioner Denise Driehaus, Vice President
- Commissioner Stephanie Summerow Dumas
- Jeff Aluotto, County Administrator



City of Cincinnati

- Mayor Aftab Pureval
- Sheryl M. M. Long, City Manager
- Natasha Hampton, Asst. City Manager



Metropolitan Sewer District of Greater Cincinnati

Leadership

- Diana Christy, Executive Director
- Jenny Richmond, Deputy Director
- Ryan Welsh, Deputy Director and Project Executive
- Reese Johnson, Deputy Director and Chief Engineer

Managing & Contributing Staff

David Raffenberg, Superintendent, Wastewater Engineering, MSD

Teresa Brandenburg, Assistant Superintendent, Wastewater Engineering, MSD

John Barton, Principal Engineer, Wastewater Engineering, MSD

Sara Cramer, Principal Engineer, Wastewater Engineering, MSD

Ian Laseke, Principal Engineer, Wastewater Engineering, MSD

Matt Spidare, Principal Engineer, Wastewater Engineering, MSD

Tony Yee, Principal Engineer, Wastewater Engineering, MSD

Ian McCoy, Division Manager, IT, MSD

Todd Papes, Program Manager, Program Management Team, Stantec

Eric Evers, Graphic Designer, MSD



MISSION STATEMENT

MSD collects and treats wastewater from Greater Cincinnati communities, protecting the environment and public health by returning clean water to local rivers and streams.





**METROPOLITAN
SEWER DISTRICT**
OF GREATER CINCINNATI

Table of Contents

List of Acronyms

Glossary of Terms

2025 Capital Budget Request

Exhibit A: Planning/Design/Easement Funding Request

Exhibit B: Estimate of Construction

2025-2029 Capital Improvement Program

- 2025 CIP
- 2025 Project Fact Sheet
- 2025 Allowance Fact Sheets
- 2026 CIP
- 2027 CIP
- 2028 CIP
- 2029 CIP

List of Acronyms

Abbreviation	Description
ALW	Allowance
APD	Alternative Project Delivery
BCE	Business Case Evaluation
BOCC	Board of County Commissioners, Hamilton County, OH
BODR	Basis of Design Report
CBR	Capital Budget Request
CD	Consent Decree
CDOTE	Cincinnati Department of Transportation & Engineering
CIP	Capital Improvement Program
CO	Change Order
CON	Construction
COW	Cost of Work
CR	Change Request
CSO	Combined Sewer Overflow/Outfall
CMT	County Monitor Team
DW	Data Warehouse
DUC	Dynamic Underflow Control
eB	e-Builder software by Trimble
ENC	Encumbrance
ESDC	Engineering Services During Construction
EPA	United States Environmental Protection Agency
EWP	Early Work Package
FAC	Treatment Facility
GMP	Guaranteed Maximum Price
HN	House Number
HRT	High-Rate Treatment Facility
HSTS	Home Sewage Treatment System
HW/DW	High Water / Dry Weather
LAR	Legislative Action Request
LEG	Legislation
LMWWTP	Little Miami Wastewater Treatment Plant
MCWWTP	Mill Creek Wastewater Treatment Plant
MGD	Million Gallons per Day
MSD	Metropolitan Sewer District of Greater Cincinnati
MUWWTP	Muddy Creek Wastewater Treatment Plant
N/A	Not Applicable
NEO	Non-Enumerated Overflow/Outfall
NOA	Notice of Advisement
NPDES	National Pollution Discharge Elimination System
O&M	Operation & Maintenance
ODOT	Ohio Department of Transportation

List of Acronyms

continued

Abbreviation	Description
OEPA	Ohio Environmental Protection Agency
OOM	Order of Magnitude
OPCC	Opinion of Probable Construction Cost
ORC	Ohio Revised Code
PCM	MSD's Project Costing Manual (current version)
PDB	Progressive Design Build
PDM	Project Delivery Module
PDS	Program Delivery System
PMIS	Project Management Information System
PMT	Program Management Team
PRWWTP	Polk Run Wastewater Treatment Plant
PS	Pump Station
PSO	Pump Station Overflow/Outfall
ROW	Right of Way
RTC	Real Time Control
SBU	Sewer Back Up (aka WIB: Water In Basement)
SCADA	Supervisory Control and Data Acquisition
SCWWTP	Sycamore Creek Wastewater Treatment Plant
SSO	Sanitary Sewer Overflow/Outfall
TCWWTP	Taylor Creek Wastewater Treatment Plant
WWC	Wastewater Collection Division of MSD
WWIP	Wet Weather Improvement Program
WWT	Wastewater Treatment Division of MSD
WWTP	Wastewater Treatment Plant

Glossary of Terms

Capital Improvement Program (CIP)

MSD's CIP is a continuously updated portfolio of all actively managed capital projects and allowances and including current delivery schedule and costs, in accordance with its approved PDS.

Capital Budget Request (CBR)

The 1-year funding request that accompanies the 5-year capital improvement program submittal prepared by MSD, recommended by the City and adopted by the Hamilton County Board of Commissioners.

Capital Planning

The activities necessary to identify, evaluate, and prioritize work which results in the creation of future capital projects.

Construction Phase Cost

The bid cost to construct the project as estimated by the engineer, including startup and commissioning costs if required for the project.

Construction Services Cost

The cost for construction phase professional services, as needed, including construction management, construction inspection, field engineering and other related costs. This is also referred to as Engineering Services During Construction (ESDC).

Cost Estimates

Project cost estimates are developed in accordance with the most recent approved version of MSD's Project Costing Manual (PCM), which follows industry best practice by using Association for the Advancement of Cost Engineering International (AACE) standards. Estimates range from a AACE Class 5 estimate (accuracy range of -50% to +100%) to Class 1 (accuracy range of -10% to +15%).

Design Phase Cost

The cost for detailed design during the design phase including the costs for project bidding and award.

Legislated Costs

Legislated costs include costs that have been previously legislated, and legislation anticipated to be approved with future requests.

Miscellaneous Expense

The cost of all permit fees paid directly by MSD during the design phase. These costs include, but are not limited to, PTI, street opening permit, building permits, 401 permits. In addition, costs may include utility relocations and demolition if not handled during construction.

MSD Labor

The cost for MSD project planning, design and delivery related activities, including project management, construction management, construction inspection, field engineering, and other project-related personnel costs.

Planning Phase Cost

The cost for alternatives analysis and planning a capital project to derive a recommended alternative, typically documented by a Business Case Evaluation (BCE).

Pre-Construction Services

Prior to 2020, this included the cost of MSD personnel providing support functions during the planning and design phases. These costs are no longer budgeted on a project-specific basis; instead they are captured in the MSD Labor Allowance.

Program Delivery System

A collection of modules that define the development and execution of projects within MSD's capital program. MSD maintains a SharePoint based graphical tool that provides consistency and transparency to all users and stakeholders.

Project Schedules

Project schedules are first established based on the use of a standard template developed for the type and size of the project. The schedules are then refined by the project manager to address project specific issues or complexities, such as alternative delivery method, need for computer or physical modeling, or extensive ROW acquisition requirements. All schedules are created and maintained in Primavera P6 and updated on a regular basis to reflect the current forecasted completion of the remaining milestones.

Right of Way Cost

The cost of easement acquisition by MSD personnel, professional services for appraisal and title opinions, appropriation costs, court costs, and compensation paid to property owners for easements during the design phase.

Study

A body of work to evaluate a service area, watershed, basin or facility to identify potential capital projects.

2025 Capital Budget Request (CBR)

MSD's Capital Budget Request for 2025 reflects the capital investment needs of MSD's infrastructure system and the proposed WWIP Phase 2B foundational projects, as presented in the County's Phase 2B Initial Offer submission to the Regulators on June 28, 2024. Recognizing the significant commitments to WWIP Phase 2B projects in the coming year, necessary capital investments have been deferred to future years to fit within the affordability limit of our community, as determined by the BoCC.

The accompanying legislation requests adoption of MSD's proposed five-year Capital Improvement Program (CIP), requests approval of \$45,096,515 in capital spending for planning, design, and easement work in 2025 (specified in Exhibit A) and of \$37,874,358 in capital spending for construction in 2025 (specified in Exhibit B), with the expectation that \$446,716,883 in capital spending will be requested through the calendar year for the specific construction activities remaining in the 2025 CIP.

Exhibit A

2025 CIP Projects Metropolitan Sewer District of Greater Cincinnati Planning/Design/Easement Funding Request (Exhibit A)

Project ID	Project Type	Project Name	Project Phase(s)	P/D/E Funds Requested
10142950	CSO Improvement/Elimination	East Branch Ohio River Interceptor Extension	Design	\$3,300,000
10172950	Treatment Facility	LMWWTP Electrical, Primary, and Secondary Improvements	Design	\$335,225
10172955	Treatment Facility	LMWWTP High Rate Treatment Preparation	Design	\$2,705,000
10232045	Treatment Facility	MUWWTP UV Disinfection Replacement	Design	\$495,000
10242180	Regulator Improvement	Winton Lake Aerial Sewer Structure and Weir Modifications	Design	\$100,000
10242225	Sewer Replacement	I-75 Lockland Split Sewer Rehabilitation	Design	\$435,000
			Project Total	\$7,370,225
10182025	Allowance	Urgent Capacity Response 2025	Planning	\$1,517,500
10280245	Allowance	Hydraulic Modeling Support 2025	Planning	\$2,891,790
10282025	Allowance	CIP Planning 2025	Planning	\$1,000,000
10282425	Allowance	Flow Monitoring Support 2025	Planning	\$2,120,000
10190325	Allowance	HSTS Eliminations 2025	Design	\$2,067,000
10199025	Allowance	Program Management and Support Services 2025	Planning	\$8,000,000
10199125	Allowance	Hamilton County Utility Oversight and Coordination 2025	Planning	\$4,800,000
13099999	Allowance	MSD Labor	Planning	\$9,930,000
13090000	Contingency	Programmatic Contingency	Design	\$5,400,000
			Allowance Total	\$37,726,290
			2025 Exhibit A Total	\$45,096,515



Exhibit B

2025 CIP Projects Metropolitan Sewer District of Greater Cincinnati Estimate of Construction - Detailed Project Estimate Cost (Exhibit B)

Project ID	Project Name	Location	Explanation/Description	Legislation Type	Current Request	CIP Type	Project Start
10180125	Main Sewer Renewal Program 2025	Systemwide	This allowance funds the renewal, repair, and rehabilitation of existing main sewers using trenchless technologies to restore the hydraulic performance of the sewer. Trenchless technologies provide many benefits such as: shorter project duration, safer, and more cost effective installations. Methods include, but are not limited to: slip-lining, point lining, spiral wound lining, pipe bursting, carbon filament wrapping, directional drilling, jack-and-boring, and cured-in-place-piping methods. The sewer segments addressed by this allowance are identified through investigations (condition assessments) of the sewer lines and are prioritized (utilizing the Gravity Sewer Asset Management System (GSAM)) based on their structural condition, and the likelihood and consequence of their failure.	Construction	\$6,895,852	WWIP	January 2025
10180225	Manhole Renewal Program 2025	Systemwide	This allowance funds the repair, rehabilitation and replacement of structurally deteriorated manholes throughout the system. The work includes manhole repairs, rim adjustments, replacement, and chimney repairs to accommodate street paving and improvement projects. Manhole repairs, rehab and replacement projects are prioritized based on their structural condition and the likelihood and consequence of their failure.	Construction	\$1,116,840	WWIP	January 2025
10281325	Prioritized Wastewater Collection System Asset Management 2025	Systemwide	This allowance funds emergency repairs to sewer segments and renewal of failed or structurally deteriorated high-risk utility-owned sewer assets, including structurally failed privately-owned active building sewers located within the right-of-way. This integrated asset management strategy strives to provide the acceptable levels of service at the lowest life-cycle cost.	Construction	\$22,174,358	Asset Management	January 2025
10280725	Critical Asset Management 2025	Systemwide	This allowance funds emergency repair or replacement of failed or significantly degraded treatment assets, including the structures and building control systems that protect the assets. This enables MSD to respond to sudden/unexpected failures, to complete facultative repairs to high-risk assets, and to make prioritized system improvements to minimize the risk of health and safety threats or permit violations.	Construction	\$7,687,308	Asset Management	January 2025
Total						\$37,874,358	

Project ID	Project Name	Planning	Design	Pre-Construction Services	Miscellaneous Expense	Right of Way	Construction	Contingency	Construction Services	Interest/Financing	Total
10180125	Main Sewer Renewal Program 2025	\$-	\$-	\$-	\$-	\$-	\$6,895,852	\$-	\$-	\$-	\$6,895,852
10180225	Manhole Renewal Program 2025	\$-	\$-	\$-	\$-	\$-	\$1,002,088	\$-	\$114,752	\$-	\$1,116,840
10281325	Prioritized Wastewater Collection System Asset Management 2025	\$-	\$-	\$-	\$-	\$-	\$19,003,532	\$-	\$3,170,826	\$-	\$22,174,358
10280725	Critical Asset Management 2025	\$-	\$-	\$-	\$-	\$-	\$7,687,308	\$-	\$-	\$-	\$7,687,308
Total		\$-	\$-	\$-	\$-	\$-	\$34,588,780	\$-	\$3,285,578	\$-	\$37,874,358





2025 CIP Projects

Annual Total \$ 529,687,756

Projects			
PID	Description		2025 Total Requested
Design/Easement Phase			
10142950	East Branch Ohio River Interceptor Extension	\$	3,300,000
10172950	LMWWTP Electrical, Primary, and Secondary Improvements	\$	335,225
10172955	LMWWTP High Rate Treatment Preparation	\$	2,705,000
10232045	MUWWTP UV Disinfection Replacement	\$	495,000
10242180	Winton Lake Aerial Sewer Structure and Weir Modifications	\$	100,000
10242225	i-75 Lockland Split Sewer Rehabilitation	\$	435,000
Design/Easement Phase Total		\$	7,370,225
Construction Phase			
10142950	East Branch Ohio River Interceptor Extension	\$	159,850,000
10144888	MCWWTP High Rate Treatment Pump Station	\$	268,858,237
10230150	Addyston Creek and Sewer Rehab	\$	651,000
10240271	Lower Mill Creek HW/DW Protection	\$	5,963,500
10370025	Kenwood Hills Local Sewer	\$	11,394,146
Construction Phase Total		\$	446,716,883
Projects Sub-Total		\$	454,087,108

2025 CIP Allowances

Allowances

PID	Description	2025 Total Requested
Planning Phase		
10182025	Urgent Capacity Response 2025	\$ 1,517,500
10199025	Program Management and Support Services 2025	\$ 8,000,000
10199125	Hamilton County Utility Oversight and Coordination 2025	\$ 4,800,000
10280245	Hydraulic Modeling Support 2025	\$ 2,891,790
10282025	CIP Planning 2025	\$ 1,000,000
10282425	Flow Monitoring Support 2025	\$ 2,120,000
13099999	MSD Labor	\$ 9,930,000
Planning Phase Total		\$ 30,259,290
Design/Easement Phase		
10190325	HSTS Eliminations 2025	\$ 2,067,000
13090000	Programmatic Contingency	\$ 5,400,000
Design/Easement Phase Total		\$ 7,467,000
Construction Phase		
10180125	Main Sewer Renewal Program 2025	\$ 6,895,852
10180225	Manhole Renewal Program 2025	\$ 1,116,840
10280725	Critical Asset Management 2025	\$ 7,687,308
10281325	Prioritized Wastewater Collection System Asset Management 2025	\$ 22,174,358
Construction Phase Total		\$ 37,874,358
Allowances Sub-Total		\$ 75,600,648



10142950 - East Branch Ohio River Interceptor Extension

Project Type: CSO Improvement/Elimination	WWTP Basin: 08 - System Wide - Multiple
CIP Category: WWIP	Watershed: 8.00 - County Wide Project
Project Nomination #: 101	Municipality: City of Cincinnati
Sanitary Sewer #: 7265	Neighborhood: Queensgate

Project Intent & Description

This project proposes a collaborative partnership with the Ohio Department of Transportation (ODOT) to leverage their upcoming reconstruction of I-75 from the Western Hills Viaduct to the Ohio River as part of the Brent Spence Bridge Corridor Project. This project proposes a new storm conveyance along Gest Street to convey highway stormwater runoff by gravity from the Gest Street/Freeman Avenue Interchange of I-75 to MSD's existing McLean Avenue Sewer. MSD proposes to modify the four existing CSO overflows to the McLean Avenue Sewer to convert this sewer to storm only downstream of the proposed highway storm connection. This project will benefit MSD by removing approximately 85.5 MG of highway stormwater runoff from the combined sewer system; reducing combined sewer overflows to Mill Creek in aggregate across CSOs 430, 431, 666, 432, and 489; increasing the flow to the proposed Mill Creek Wastewater Treatment Plant (MCWWTP) high-rate treatment (HRT) facility; and laying the groundwork for a future project to convey additional flow to the HRT. Construction Costs will be reimbursed by ODOT. The project is located in Cincinnati, Hamilton County.

Project Status

Project ROW

Legislative Phase Request: Construction Phase
Project Delivery Method: Design-Bid-Build

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase

Nomination Approved (SG1) 11/09/2022

Planning Phase

Planning NTP 08/18/2023
 BCE Approved 11/14/2023

Design Phase

Design NTP 12/22/2023
 60% Design 08/15/2024
 90% Design 01/07/2025
 Construction Legislation Approval 12/11/2025
 Bid Advertisement 01/09/2026

Construction Phase

Construction NTP 03/24/2026
 Substantial Completion 07/11/2028
 Final Completion 09/09/2028

Related Projects

Predecessors: N/A

Successors: Mill Creek Influent PS and HRT

Regulatory Parameters

WWIP Compliance Date:

Adaptive Management:

WWIP Index No.:

Benefited CSOs: 430, 431, 432, 489, 666

Benefited SSOs:

Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Planning	\$1,000,000			\$1,000,000
Design	\$5,300,000	\$2,000,000		\$7,300,000
Pre-Construction Services				
ROW		\$1,300,000		\$1,300,000
Miscellaneous Expense	\$300,000			\$20,000
Construction		\$146,350,000		\$146,350,000
Construction Services		\$13,500,000		\$13,500,000
Total	\$6,600,000	\$163,150,000		\$169,470,000

10144888 - MCWWTP High Rate Treatment Pump Station

Project Type: Treatment Facility	WWTP Basin: 04 - Mill Creek
CIP Category: WWIP	Watershed: 4.17 - Central
Project Nomination #:	Municipality: City of Cincinnati
Sanitary Sewer #: 6793	Neighborhood: Lower Price Hill

Project Intent & Description

This project will replace the Mill Creek Pump Station that has been in continuous operation since 1959, but that is now functionally obsolete. This system currently provides a total firm influent pumping capacity of 430 million gallons per day (MGD), but it suffers from reliability problems inherent to the original design. It cannot be expanded to add capacity, and it cannot be taken off-line for necessary upgrades or repairs without a long-term bypass of the treatment plant and significant environmental degradation. This project will replace the aging pump station by constructing a new 700 MGD pump station that will be designed to serve both the Mill Creek WWTP and a future co-located high-rate treatment facility (HRT). The construction project will allow for an upgrade to the plant disinfection system to meet more extensive O&PA-required disinfection. This is the second of three construction projects at the Mill Creek WWTP that are meant to address WWIP Index 248. The project is located at the Mill Creek Wastewater Treatment Plant facility, in the City of Cincinnati's Lower Price Hill Neighborhood, Hamilton County.

Project Status

Project ROW

Legislative Phase Request: Construction Phase
Project Delivery Method: Design-Build

None

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase		None.
Nomination Approved (SG1)		
Planning Phase		
Planning NTP	01/11/2022	
BCE Approved		
Design Phase		
Design NTP	06/23/2023	
60% Design	01/24/2025	
90% Design	10/30/2025	
Construction Legislation Approval	09/25/2025	
Bid Advertisement		
Construction Phase		
Construction NTP	09/25/2025	
Substantial Completion.	12/17/2031	
Final Completion	07/13/2032	

Related Projects

Predecessors:

Successors:

Regulatory Parameters

WWIP Compliance Date:

Adaptive Management:

WWIP Index No.:

Benefited CSOs:

Benefited SSOs:

Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Planning				
Design	\$19,423,076			\$19,423,076
Pre-Construction Services				
ROW				
Miscellaneous Expense	\$2,000,000			\$2,000,000
Construction	\$13,000,000	\$268,858,237		\$281,858,237
Construction Services	\$2,000,000			\$2,000,000
Total	\$36,423,076	\$268,858,237		\$305,281,313

Project Fact Sheet

10172950 - LMWWTP Electrical, Primary, and Secondary Improvements

Project Type: Treatment Facility
CIP Category: WWIP
Project Nomination #: 94
Sanitary Sewer #: 7188

WWTP Basin: 07 - Little Miami
Watershed: 7.04 - Lower Duck Creek
Municipality: City of Cincinnati
Neighborhood: East End

Project Intent & Description

At the Little Miami WWTP, all wet weather flow above 55 million gallons per day (MGD) is screened, pumped, and then discharged to the Ohio River without further treatment. In 2022, the Little Miami WWTP HRT and Bundle Update Business Case Evaluation (BCE) was completed. This BCE recommended the construction of a 115 million gallon per day (MGD) high-rate treatment facility (HRT) and various upgrades to the WWTP to increase biological secondary treatment capacity from 55 MGD to 100 MGD. This project includes upgrades at primary and secondary treatment processes to support increased treatment capacity from 55 MGD to 100 MGD through secondary. This project also includes replacement of electrical equipment that is beyond its useful life, in preparation for the HRT. Pumping modifications that are required to deliver increased flow to secondary will be completed as a part of the HRT project. This project is included in the East End neighborhood in the City of Cincinnati, Hamilton County, Ohio.

Project Status

Project ROW

Legislative Phase Request: Design Phase
Project Delivery Method: Design-Bid-Build

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase

Nomination Approved (SG1) 07/06/2022

Planning Phase

Planning NTP
 BCE Approved

Design Phase

Design NTP 06/11/2024
 60% Design 01/16/2026
 90% Design 04/17/2026
 Construction Legislation Approval 10/29/2026
 Bid Advertisement 11/25/2026

Construction Phase

Construction NTP 02/10/2027
 Substantial Completion 10/27/2029
 Final Completion 01/25/2030

Related Projects

Predecessors: N/A

Successors: LMWWTP HRT Preparation, LMWWTP HRT Facility, Plant Pumping, and Disinfection Upgrade

Regulatory Parameters

WWIP Compliance Date:
Adaptive Management: Yes
WWIP Index No.: 195, 195R, 196, 197, 197R, 198, 199, 200, 200N, 200R, 201, 202, 203, 204, 205, 206

Benefited CSOs:
Benefited SSOs:
Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Planning				
Design	\$2,770,000	\$335,225		\$3,105,225
Pre-Construction Services				
ROW				
Miscellaneous Expense	\$456,800			\$456,800
Construction			\$50,840,100	\$50,840,100
Construction Services			\$7,888,500	\$7,888,500
Total	\$3,226,800	\$335,225	\$58,728,600	\$62,290,625

10172955 - LMWWTP High Rate Treatment Preparation

Project Type: Treatment Facility
CIP Category: WWIP
Project Nomination #: 95
Sanitary Sewer #: 7189

WWTP Basin: 07 - Little Miami
Watershed: 7.04 - Lower Duck Creek
Municipality: City of Cincinnati
Neighborhood: East End

Project Intent & Description

At the Little Miami WWTP, all wet weather flow above 55 million gallons per day (MGD) is screened, pumped, and discharged to the Ohio River without further treatment. In 2022, the Little Miami WWTP HRT and Bundle Update Business Case Evaluation (BCE) recommended the construction of a 115 million gallon per day (MGD) high-rate treatment facility (HRT) and various upgrades to the WWTP to increase biological secondary treatment capacity from 55 MGD to 100 MGD. This project was identified in the BCE as a necessary precursor to the HRT project. To prepare for the HRT construction demolition of the decommissioned incineration building, the maintenance building, and the soon-to-be decommissioned solids handling buildings is required. This project includes site work required to prepare for the construction of the HRT, which may include demolition of decommissioned facilities, relocation of utilities, creation of laydown areas, geotechnical work, and environmental remediation work, as needed. Additionally, this project includes construction of an electrical building for the proposed HRT. This project is included in the East End neighborhood in the City of Cincinnati, Hamilton County.

Project Status

Project ROW

Legislative Phase Request: Design Phase
Project Delivery Method: Design-Bid-Build

N/A

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase

N/A

Nomination Approved (SG1) 07/06/2022

Planning Phase

Planning NTP
 BCE Approved

Related Projects

Predecessors: LMWWTP Solids Handling and Odor Control

Design Phase

Design NTP 07/28/2025
 60% Design 04/22/2026
 90% Design 10/08/2026
 Construction Legislation Approval 02/25/2027
 Bid Advertisement 03/24/2027

Successors: LMWWTP HRT Facility, Plant Pumping, and Disinfection Upgrade

Regulatory Parameters

WWIP Compliance Date:
Adaptive Management: Yes
WWIP Index No.: 195, 195R, 196, 197, 197R, 198, 199, 200, 200N, 200R, 201, 202, 203, 204, 205, 206

Construction Phase

Construction NTP 06/04/2027
 Substantial Completion 11/20/2029
 Final Completion 02/18/2030

Benefited CSOs:
Benefited SSOs:
Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Planning				
Design		\$2,142,800		\$2,142,800
Pre-Construction Services				
ROW				
Miscellaneous Expense		\$562,200		\$562,200
Construction			\$39,521,200	\$39,521,200
Construction Services			\$6,132,300	\$6,132,300
Total	\$0	\$2,705,000	\$45,653,500	\$48,358,500

Project Fact Sheet

10230150 - Addyston Creek and Sewer Rehab

Project Type: Sewer Replacement
CIP Category: Asset Management
Project Nomination #:
Sanitary Sewer #: 6453

WWTP Basin: 03 - Muddy Creek
Watershed: 3.01 - Lower Muddy Creek
Municipality: Village of Addyston
Neighborhood: Inside Ham County/Outside City

Project Intent & Description

The West Fork Muddy Creek has experienced significant erosion, causing repeated damage to the existing 12-inch diameter concrete sewer, installed in the 1980s. Multiple repairs have been undertaken since 2010 to address these ongoing issues. This project aims to construct approximately 588 feet of new 21-inch diameter sewer pipe on the east side of the creek, within the Addyston Creek and Sewer Rehab project area. Upon completion of the new sewer, the existing, damaged pipes will be filled, sealed, and abandoned. The project site is located between Church Street and 1st Street in the Village of Addyston, within the Muddy Creek Basin.

Project Status

Project ROW

Legislative Phase Request: Construction Phase
Project Delivery Method: Design-Bid-Build

Ownership of a retaining wall has prevented ROW from moving forward. Additionally, new 95% plans and specs need to be developed before moving forward.

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase
 Nomination Approved (SG1)

Planning Phase
 Planning NTP
 BCE Approved

Design Phase
 Design NTP
 60% Design
 90% Design
 Construction Legislation Approval
 Bid Advertisement

1. Street Opening Permit from Hamilton County/Addyston
2. Ohio EPA PTI.
3. Addyston Building Permit for retaining wall

Related Projects

Predecessors:

Successors:

Regulatory Parameters

WWIP Compliance Date:
Adaptive Management: No
WWIP Index No.:

Benefited CSOs:
Benefited SSOs:
Benefited PSOs:

Construction Phase
 Construction NTP
 Substantial Completion
 Final Completion

Project Cost Estimate	Prior Legislation	Current Legislation	Future Legislation	Total Project Estimate
Planning	\$31,942			\$31,942
Design	\$148,923			\$148,923
Pre-Construction Services	\$56,800			\$56,800
ROW	\$43,544			\$43,544
Miscellaneous Expense	\$57,500			\$57,500
Construction		\$626,000		\$626,000
Construction Services		\$25,000		\$25,000
Total	\$338,709	\$651,000		\$989,709

10232045 - MUWWTP UV Disinfection Replacement

Project Type: Treatment Facility
CIP Category: Asset Management
Project Nomination #: 102
Sanitary Sewer #: 7216

WWTP Basin: 03 - Muddy Creek
Watershed: 3.01 - Lower Muddy Creek
Municipality: City of Cincinnati
Neighborhood: Saylor Park

Project Intent & Description

The Muddy Creek Wastewater Treatment Plant (MUWWTP) utilizes an ultraviolet radiation (UV) system to disinfect secondary effluent before discharging to the Ohio River. In this process specially made lamps emit UV light within a specific wavelength range. Exposure to UV at the correct dosage damages the DNA and RNA of microorganisms preventing cell synthesis and division. The existing system was installed in 2002 and it is beyond its estimated useful life and obsolete. The manufacturer, Trojan technologies, no longer supports the installed Trojan UV 4000 model. While consumables like lamps, sleeves, and ballast are still available for purchase, other critical replacement parts will only be available for a limited time as supplies last.

Project Status

Project ROW

Legislative Phase Request: Design Phase
Project Delivery Method: Design-Bid-Build

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase

Nomination Approved (SG1)

Planning Phase

Planning NTP 04/23/2025
 BCE Approved 10/01/2025

Design Phase

Design NTP 11/13/2025
 60% Design 12/07/2026
 90% Design 06/28/2027
 Construction Legislation Approval 11/18/2027
 Bid Advertisement 12/16/2027

Construction Phase

Construction NTP 03/01/2028
 Substantial Completion 06/30/2029
 Final Completion 08/29/2029

Related Projects

Predecessors: N/A

Successors: N/A

Regulatory Parameters

WWIP Compliance Date:

Adaptive Management:

WWIP Index No.:

Benefited CSOs:

Benefited SSOs:

Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Project Cost Estimate	Prior Legislation	Current Legislation	Future Legislation	Total Project Estimate
Planning	\$245,000			\$245,000
Design		\$385,000		\$385,000
Pre-Construction Services				
ROW				
Miscellaneous Expense		\$110,000		\$110,000
Construction			\$3,760,000	\$3,760,000
Construction Services			\$773,000	\$773,000
Total	\$245,000	\$495,000	\$4,533,000	\$5,273,000

10240271 - Lower Mill Creek HW/DW Protection

Project Type: Regulator Improvement	WWTP Basin: 04 - Mill Creek
CIP Category: Other	Watershed: 4.17 - Central
Project Nomination #:	Municipality: City of Cincinnati
Sanitary Sewer #: NEED TO UPDATE	Neighborhood: Lower Price Hill

Project Intent & Description

The Lower Mill Creek HW/DW Protection project aims to enhance environmental protection and infrastructure reliability within the Mill Creek Drainage Basin. By improving site accessibility, rehabilitating and replacing compromised outfall pipes, and implementing backflow prevention measures at CSOs 422, 452/453, and 459/460, this project will mitigate the discharge of combined sewer overflow into the Mill Creek. Currently, these outfalls lack adequate access and protection, resulting in substantial volumes of river water being unnecessarily processed by the wastewater treatment plant. Successful project execution requires close collaboration with Cincinnati DOTE, City Parks and Recreation, and Greater Cincinnati Water Works. The project is located in the Sedamsville and East End neighborhoods of Cincinnati.

Project Status

Project ROW

Legislative Phase Request: Construction Phase
Project Delivery Method: Design-Bid-Build

MOU with Parks.

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase		Street Opening Permit from CDOTE and Permit to Install from OEPA are required for this project, NWP
Nomination Approved (SG1)		
Planning Phase		Related Projects
Planning NTP		Predecessors:
BCE Approved		
Design Phase		Successors:
Design NTP	03/30/2020	
60% Design	08/30/2021	
90% Design	07/29/2022	
Construction Legislation Approval	02/27/2025	Regulatory Parameters
Bid Advertisement	03/26/2025	WWIP Compliance Date:
Construction Phase		Adaptive Management:
Construction NTP	06/11/2025	WWIP Index No.:
Substantial Completion	06/11/2026	Benefited CSOs:
Final Completion	08/10/2026	Benefited SSOs:
		Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Planning	\$375,000			\$375,000
Design	\$1,050,000			\$1,050,000
Pre-Construction Services	\$840,000			\$21,548
ROW	\$22,900			\$22,900
Miscellaneous Expense	\$292,100			\$292,100
Construction		\$5,648,900		\$5,648,900
Construction Services		\$314,600		\$314,600
Total	\$2,580,000	\$5,963,500		\$7,725,048

Project Fact Sheet

10242180 - Winton Lake Aerial Sewer Structure and Weir Modifications

Project Type: Regulator Improvement	WWTP Basin: 04 - Mill Creek
CIP Category: Asset Management	Watershed: 4.05 - West Branch Winton Woods
Project Nomination #: 78	Municipality: Springfield Township
Sanitary Sewer #: 34912007	Neighborhood: Inside Ham County/Outside City

Project Intent & Description

The project will modify or replace a tall, structural weir and adjust hydraulic grade line (HGL) within structure/manhole No. 34912007. The existing weir elevation is higher than an upstream connected manhole rim elevation. The project will also investigate and modify the system as necessary near aerial sewer 31703007-31706017 to ensure the appropriate HGL is maintained in the system during high water elevation events in Winton Lake.

Project Status

Project ROW

Legislative Phase Request: Design Phase
Project Delivery Method:

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase

Nomination Approved (SG1) 10/06/2021

Planning Phase

Planning NTP 05/02/2024
 BCE Approved 11/14/2024

Design Phase

Design NTP 03/10/2025
 60% Design 06/09/2025
 90% Design 11/04/2025
 Construction Legislation Approval 03/26/2026
 Bid Advertisement 04/22/2026

Construction Phase

Construction NTP 07/06/2026
 Substantial Completion 01/02/2027
 Final Completion 03/03/2027

Related Projects

Predecessors: 12240115 Winton Woods Diversion Gate Replacement
 10240395 Winton Woods Diversion Gate Replacement
Successors: N/A

Regulatory Parameters

WWIP Compliance Date:
Adaptive Management:
WWIP Index No.: N/A

Benefited CSOs:
Benefited SSOs:
Benefited PSOs:

Project Cost Estimate	Prior Legislation	Current Legislation	Future Legislation	Total Project Estimate
Planning	\$110,000			
Design		\$80,000		\$80,000
Pre-Construction Services				
ROW		\$10,000		\$10,000
Miscellaneous Expense		\$10,000		\$10,000
Construction			\$150,000	\$150,000
Construction Services			\$20,000	\$20,000
Total	\$110,000	\$100,000	\$170,000	\$270,000

10242225 - I-75 Lockland Split Sewer Rehabilitation

Project Type: Sewer Replacement
CIP Category: Asset Management
Project Nomination #: 115
Sanitary Sewer #: 7266

WWTP Basin: 04 - Mill Creek
Watershed: 4.01 - New Baltimore
Municipality: Multiple
Neighborhood: City Wide

Project Intent & Description

The Ohio Department of Transportation (ODOT) plans to demolish the northbound lanes of Interstate 75 (I-75) along Mill Creek, from Ronald Reagan Cross County Highway to Shepherd Lane, an area known as "the Lockland Split", and relocate them parallel with the existing southbound lanes. Many existing concrete sewers constructed in 1932 are underneath the southbound lanes of I-75 and have been identified as being at high or extreme risk of failure and need to be replaced. Maintenance of these sewers cannot be performed as they are inaccessible as most manholes are buried by the pavement. It is anticipated that approximately 3,850 feet of the existing 30-inch and 33-inch sewer underneath the highway will be relocated outside the I-75 pavement. This will reduce the risk of complete failure and improve access for better maintenance strategies. The project area covers the jurisdictions of Lockland, Reading, Sycamore Township, Arlington Heights, and the City of Cincinnati neighborhoods of Hartwell and Roselawn.

Project Status

Project ROW

Legislative Phase Request: Design Phase
Project Delivery Method: Design-Bid-Build

Project Schedule

Forecast/Actual

Permitting Needs

Nomination Phase

Nomination Approved (SG1) 10/25/2023

Planning Phase

Planning NTP 07/03/2024
 BCE Approved 01/20/2025

Design Phase

Design NTP 01/26/2026
 60% Design 02/22/2027
 90% Design 09/20/2027
 Construction Legislation Approval 08/30/2029
 Bid Advertisement 09/27/2029

Construction Phase

Construction NTP 12/12/2029
 Substantial Completion 04/14/2031
 Final Completion 06/13/2031

Related Projects

Predecessors: N/A (with respect to MSD projects)

Successors: N/A

Regulatory Parameters

WWIP Compliance Date:

Adaptive Management: No

WWIP Index No.: N/A

Benefited CSOs:

Benefited SSOs: 572

Benefited PSOs:

Project Cost Estimate

Prior Legislation

Current Legislation

Future Legislation

Total Project Estimate

Planning				
Design		\$435,000		\$435,000
Pre-Construction Services				
ROW				
Miscellaneous Expense				
Construction			\$5,810,000	\$5,810,000
Construction Services			\$100,000	\$100,000
Total	\$0	\$435,000	\$5,910,000	\$6,345,000



Project Fact Sheet

10370025 - Kenwood Hills Local Sewer

Project Type: Home Sewage Treatment Systems
CIP Category: WWIP
Project Nomination #:
Sanitary Sewer #: 5933

WWTP Basin: 07 - Little Miami
Watershed: 7.01 - Upper Duck Creek
Municipality: City of Madeira
Neighborhood: Inside Ham County/Outside City

Project Intent & Description

This project will construct approximately 12,500 feet of gravity sewer and low-pressure force mains in the Carriage Hill and Kenwood Hills subdivisions in the City of Madeira, Hamilton County, Ohio.

Project Status	Project ROW
Legislative Phase Request: Construction Phase Project Delivery Method: Design-Bid-Build	N/A

Project Schedule	Forecast/Actual	Permitting Needs
Nomination Phase		PTI and street opening permit from City of Madeira will be necessary.
Nomination Approved (SG1)		
Planning Phase		Related Projects
Planning NTP BCE Approved		
Design Phase		Predecessors:
Design NTP	12/27/2023	
60% Design	12/19/2019	Successors:
90% Design	06/12/2020	
Construction Legislation Approval	09/25/2025	Regulatory Parameters
Bid Advertisement	10/22/2025	
Construction Phase		WWIP Compliance Date:
Construction NTP	01/07/2026	Adaptive Management:
Substantial Completion	05/02/2027	WWIP Index No.:
Final Completion	07/01/2027	Benefited CSOs: 656
		Benefited SSOs:
		Benefited PSOs:

Project Cost Estimate	Prior Legislation	Current Legislation	Future Legislation	Total Project Estimate
Planning				
Design	\$366,390			\$366,390
Pre-Construction Services	\$103,206			\$38,837
ROW	\$274,076			\$274,076
Miscellaneous Expense	\$231,220			\$231,220
Construction		\$11,327,000		\$11,327,000
Construction Services		\$67,146		\$67,146
Total	\$974,892	\$11,394,146		\$12,304,669

2025 Allowance Fact Sheet

ID - Name	CIP Description	Budget
10280725 - Critical Asset Management 2025	This allowance funds emergency repair or replacement of failed or significantly degraded capital assets, including the structures and building control systems that protect the assets. This enables MSD to respond to sudden/unexpected failures, to complete facultative repairs to high-risk assets, and to make prioritized system improvements to minimize the risk of health and safety threats or permit violations.	\$7,687,308
10281325 - Prioritized Wastewater Collection System Asset Management 2025	This allowance funds emergency repairs to sewer segments and renewal of failed or structurally deteriorated high-risk utility-owned sewer assets, including structurally failed privately-owned active building sewers located within the right-of-way. This integrated asset management strategy strives to provide the acceptable levels of service at the lowest life-cycle cost.	\$22,174,358
10190325 - HSTS Eliminations 2025	This allowance funds measures to identify, design and construct new sanitary sewers to connect properties in built up areas of the MSD service area to eliminate home sewage treatment systems (HSTS). These projects improve the water quality of WWIP watersheds by replacing failing or inadequate home systems. HSTS eliminations are prioritized based on HSTS program goals and public health risk. Expenditures are identified, planned, prioritized, and executed within the allowance budget. Where significant capital expenditures are needed to resolve identified issues, new projects will be nominated for inclusion in a future CIP.	\$2,067,000
10180125 - Main Sewer Renewal Program 2025	This allowance funds the renewal, repair, and rehabilitation of existing main sewers using trenchless technologies to restore the hydraulic performance of the sewer. Trenchless technologies provide many benefits such as: shorter project duration, safer, and more cost effective installations. Methods include, but are not limited to: slip-lining, point lining, spiral wound lining, pipe bursting, carbon filament wrapping, directional drilling, jack-and-boring, and cured-in-place-piping methods. The sewer segments addressed by this allowance are identified through investigations (condition assessments) of the sewer lines and are prioritized (utilizing the Gravity Sewer Asset Management System (GSAM)) based on their structural condition, and the likelihood and consequence of their failure.	\$6,895,852
10180225 - Manhole Renewal Program 2025	This allowance funds the repair, rehabilitation and replacement of structurally deteriorated manholes throughout the system. The work includes manhole repairs, rim adjustments, replacement, and chimney repairs to accommodate street paving and improvement projects. Manhole repairs, rehab and replacement projects are prioritized based on their structural condition and the likelihood and consequence of their failure.	\$1,116,840
10182025 - Urgent Capacity Response 2025	This allowance targets urgent CSO community needs, SBU clusters, and unpermitted overflows with measures that protect or restore sewer capacity across the MSD service area. Where significant capital expenditures are needed to resolve identified issues, new projects will be nominated for inclusion in a future CIP.	\$1,517,500

2025 Allowance Fact Sheet (continued)

ID - Name	CIP Description	Budget
13099999 - MSD Labor	This allowance capitalizes the labor costs incurred by MSD to plan and deliver the Capital Program. The cost of MSD labor is not included in project specific budgets to avoid double counting. (Beginning in 2020, all MSD WWE staff discontinued charging directly to projects and instead charge to this allowance that is allocated back to projects by MSD Accounting.)	\$9,930,000
10280245 - Hydraulic Modeling Support 2025	This allowance funds professional hydraulic modeling and calibration services to improve the System-Wide Model (SWM) through systematic calibration over a 20-year life-cycle and the incorporation of project-specific models for each of MSD's seven sewersheds. Sewer modeling is used to assist in the project nomination, planning and design process managed by MSD's WWE Division. Ensuring the SWM is accurate and updated is essential to MSD's compliance with the requirements of the Global Consent Decree and MSD's CSO NPDES permit. MSD is committed to ensuring its system-wide model meets the latest standards and provides the best available tool for assessing, planning, and designing MSD's infrastructure. Budget is based on 56 meters for systematic calibration of the SWM and 50 project-specific meters at a base cost of \$24,000 per meter.	\$2,891,790
10282025 - CIP Planning 2025	This allowance funds professional services that support and guide engineering-based capital investment priorities in the short term and recommendations over the long-term. Work includes facility-, watershed-, and basin-based studies across the MSD service area, as well as work to develop and confirm project drivers, costs and benefits, possible alternatives, and priority. Project nominations resulting from this work will be submitted for inclusion in a future CIP.	\$1,000,000
10282425 - Flow Monitoring Support 2025	This allowance funds the deployment of flow monitors in the collection system. Flow monitoring is an essential activity for maintaining and improving the district's hydraulic models and in the development of capital projects. Flow monitoring is the action of collecting data from the field regarding the hydraulic conditions in the collection system, which is then used to calibrate or improve sections of the system wide models so that the models can support alternative analysis and project planning. The timing and duration of monitoring depends on the use of the data but must be at least one full year for projects seeking wet weather solutions or improving the system wide model. Small projects in separated areas may not require a full year. Meters are deployed in all regions of the MSD service area, as needed, to support specific project needs. MSD's Remote Monitoring Section optimizes internal and external resources to provide flow monitoring services for an average of \$20,000 per meter per year. Budget is based on the installation of 56 meters for systematic calibration of the SWM and 50 meters to support capital project development.	\$2,120,000
10199025 - Program Management and Support Services 2025	This allowance funds the integrated Program Management Team (PMT) providing essential support to MSD for the development and delivery of the entire Capital Program, inclusive of all WWIP and non-WWIP projects and allowances. The services are defined in an Annual Program Work Plan which is reviewed annually to confirm priorities and objectives. This allowance also covers capital project and program related legal services provided by Taft Law and McMahon Degulis LLC.	\$8,000,000

2025 Allowance Fact Sheet (continued)

ID - Name	CIP Description	Budget
10199125 - Hamilton County Utility Oversight and Coordination 2025	The Hamilton County Board of County Commissioners has determined that the continued use of County staff and outside consultants and attorneys is warranted to ensure that MSD rate payers are funding only those projects that are necessary and cost effective to adhere to the terms of the Wet Weather Improvement Program "WWIP". The "County Monitor Team" (CMT) will work closely with MSD employees and supplemental staff to ensure that projects are built on time and on budget to minimize risk to MSD rate payers. The project funds the team responsible for this oversight function. The Board is solely responsible for selecting, supervising, and directing the CMT. The Board is solely responsible for determining that (1) the CMT's work is an appropriate expenditure of MSD funds under R.C. 6117.02 and the 1968 Operating Agreement (including all amendments), and (2) the CMT is charging fees and expenses consistent with the Board's contract with the CMT.	\$4,800,000
13090000 - Programmatic Contingency	Programmatic Contingency is calculated based on 7.5% of the forward-looking 3-year average of the estimated cashflow for all active traditional delivery projects (this calculation excludes alternative delivery projects and all allowances.) The outyears have been set at a historical baseline of \$5 million and will be adjusted annually. Costs are allocated to specific capital projects as they are expended for the purposes of additional necessary funding for planning/design/construction services, for approved change requests/change orders, and for the funding of construction contracts where the lowest awarded bid amount exceeds prior legislated funding but is less than 120% of the Engineer's Estimate (Ohio requirement for award of bid).	\$5,400,000
Grand Total		\$75,600,648

2026 CIP Projects

Annual Total \$ 222,767,907

Projects

PID	Description	2026 Total Requested
Planning Phase		
10272095	Little Miami Interceptor Sluice Gate Replacement and Relocation	\$ 64,000
10272100	Chandler Street Sewer Improvements	\$ 415,000
Planning Phase Total		\$ 479,000
Design/Easement Phase		
10145680	CSO 24 Regulator Improvements	\$ 418,000
10240640	MCWWTP Dewatering Building Improvements	\$ 20,628,000
10240790	Clifton Avenue at Parker Street Sewer Replacement	\$ 240,000
10242155	Morrison Avenue Sewer Replacement	\$ 390,000
10242185	Anthony to Innes Sewer Replacement	\$ 679,000
10242190	Bold Face Pump Station Study	\$ 2,486,700
10272090	Delta Ave at Linwood Ave Sewer Replacement	\$ 539,000
Design/Easement Phase Total		\$ 25,380,700
Construction Phase		
10172950	LMWWTP Electrical, Primary, and Secondary Improvements	\$ 58,728,600
10222010	TCWWTP Aeration Basin Conversion	\$ 9,648,300
10230090	Barrington Hills, Barrington Hills BLK. F, Gil Volz, and Kirkridge Acres P.S. Eliminations	\$ 9,992,400
10240320	Wilder Avenue Sewer Replacement	\$ 679,700
10240426	Pleasant Run Pump Station Upgrades	\$ 29,179,000
10240725	Shaffer Avenue Sewer Replacement	\$ 2,531,000
10240740	Tennessee Avenue (HN 1754) Sewer Replacement	\$ 313,275
10240875	Ledgewood Ave Sewer Replacement	\$ 4,891,416
10242180	Winton Lake Aerial Sewer Structure and Weir Modifications	\$ 170,000
10270110	Linwood Avenue Sewer Replacement	\$ 733,500
10270155	Paxton Avenue Sewer Rehabilitation	\$ 2,862,000
Construction Phase Total		\$ 119,729,191
Projects Sub-Total		\$ 145,109,891

2026 CIP Allowances

Allowances

Planning Phase

10182026	Urgent Capacity Response 2026	\$	1,570,612
10199026	Program Management and Support Services 2026	\$	8,280,000
10199126	Hamilton County Utility Oversight and Coordination 2026	\$	4,968,000
10280246	Hydraulic Modeling Support 2026	\$	2,993,003
10282026	CIP Planning 2026	\$	1,035,000
10282426	Flow Monitoring Support 2026	\$	2,194,200
13099999	MSD Labor	\$	10,277,550
Planning Phase Total		\$	31,318,365

Design/Easement Phase

10190326	HSTS Eliminations 2026	\$	2,140,000
13090000	Programmatic Contingency	\$	5,000,000
Design/Easement Phase Total		\$	7,140,000

Construction Phase

10180126	Main Sewer Renewal Program 2026	\$	7,137,207
10180226	Manhole Renewal Program 2026	\$	1,155,619
10280726	Critical Asset Management 2026	\$	7,956,364
10281326	Prioritized Wastewater Collection System Asset Management 2026	\$	22,950,461
Construction Phase Total		\$	39,199,651

Allowances Sub-Total

\$ 77,658,016

2027 CIP Projects

Annual Total \$ 190,628,061

Projects

PID	Description	2027 Total Requested
Planning Phase		
10145700	Pictoria Drive Sewer Conveyance Improvements	\$ 265,000
10242130	MCWWTP Primary Settling Electrical Equipment Replacement	\$ 219,000
10242200	Walnut Hills Cemetery Sewer Replacement	\$ 210,000
Planning Phase Total		\$ 694,000
Design/Easement Phase		
10130566	Muddy Creek WWTP Pump Station	\$ 1,865,000
10172960	LMWWTP HRT Facility	\$ 24,662,500
10272095	Little Miami Interceptor Sluice Gate Replacement and Relocation	\$ 104,000
10272100	Chandler Street Sewer Improvements	\$ 1,124,000
Design/Easement Phase Total		\$ 27,755,500
Construction Phase		
10130161	Muddy Creek PSU & Force Main	\$ 9,871,000
10172955	LMWWTP High Rate Treatment Preparation	\$ 45,653,500
10222005	Colerain-Bevis Pump Station Replacement	\$ 4,750,000
10232045	MUWWTP UV Disinfection Replacement	\$ 4,533,000
10240275	SSO 603 and 704 Improvements	\$ 5,238,600
10240780	Galbraith Rd to Sheldon Avenue Sewer Replacement	\$ 652,742
10242085	Village Woods Pump Station and System Improvements	\$ 740,600
10242140	MCWWTP Dewatering Building Odor Control	\$ 2,301,300
10252035	East Loveland Ave Sewer Replacement Phase 2	\$ 858,000
10262015	SCWWTP Secondary Clarifier Upgrade	\$ 5,340,000
10272025	Wasson Ravine Sewer Replacement	\$ 2,038,000
Construction Phase Total		\$ 81,976,742
Projects Sub-Total		\$ 110,426,242

2027 CIP Allowances

Allowances

Planning Phase

10182027	Urgent Capacity Response 2027	\$	1,625,584
10199027	Program Management and Support Services 2027	\$	8,569,800
10199127	Hamilton County Utility Oversight and Coordination 2027	\$	5,141,880
10280247	Hydraulic Modeling 2027	\$	3,097,759
10282027	CIP Planning 2027	\$	1,071,225
10282427	Flow Monitoring Support 2027	\$	2,270,997
13099999	MSD Labor	\$	10,637,264
Planning Phase Total		\$	32,414,509

Design/Easement Phase

10190327	HSTS Eliminations 2027	\$	2,215,000
13090000	Programmatic Contingency	\$	5,000,000
Design/Easement Phase Total		\$	7,215,000

Construction Phase

10180127	Main Sewer Renewal Program 2027	\$	7,387,010
10180227	Manhole Renewal Program 2027	\$	1,196,066
10280727	Critical Asset Management 2027	\$	8,234,837
10281327	Prioritized Wastewater Collection System Asset Management 2027	\$	23,754,397
Construction Phase Total		\$	40,572,310

Allowances Sub-Total

\$ 80,201,819

2028 CIP Projects

Annual Total \$ 130,936,642

Projects

PID	Description	2028 Total Requested
Design/Easement Phase		
10145700	Pictoria Drive Sewer Conveyance Improvements	\$ 1,696,000
10240845	Taft Road & McMillan Street Sewer Replacement	\$ 939,200
10242130	MCWWTP Primary Settling Electrical Equipment Replacement	\$ 506,000
10242200	Walnut Hills Cemetery Sewer Replacement	\$ 400,000
Design/Easement Phase Total		\$ 3,541,200
Construction Phase		
10130280	Addyston Pump Station Elimination	\$ 11,141,000
10172095	CSO 182 Strategic Sewer Separation	\$ 5,478,623
10230655	Muddy Creek Road and Rosebud Drive Sewer Replacement	\$ 452,000
10232030	Rapid Run and Foley Road PS Receiver Manhole Installation	\$ 274,900
10240200	Harvey Ave-Hickman Ave Sewer Replacement	\$ 1,440,000
10240525	Victory Parkway Sewer Rehabilitation	\$ 2,450,000
10240765	Fyffe Avenue Sewer	\$ 1,378,000
10240790	Clifton Avenue at Parker Street Sewer Replacement	\$ 591,000
10242025	Davey Avenue to Hamilton Avenue Sewer Replacement	\$ 1,141,336
10242105	Loth Street (HN 2272) Sewer Relocation and Rehab	\$ 258,000
10242155	Morrison Avenue Sewer Replacement	\$ 1,950,000
10270225	Elsmere Avenue from Slane to Lafayette Sewer Replacement	\$ 8,222,300
10272050	Wayside Hills Pump Station	\$ 1,470,000
10272075	Wayside Avenue and Colter Avenue Sewer Improvements	\$ 1,470,800
10272080	Madison Rd and Edwards Rd Sewer Improvements	\$ 2,794,125
10272090	Delta Ave at Linwood Ave Sewer Replacement	\$ 4,050,000
Construction Phase Total		\$ 44,562,084
Projects Sub-Total		\$ 48,103,284

2028 CIP Allowances

Allowances

Planning Phase			
10182028	Urgent Capacity Response 2028	\$	1,682,480
10199028	Program Management and Support Services 2028	\$	8,869,743
10199128	Hamilton County Utility Oversight and Coordination 2028	\$	5,321,846
10280248	Hydraulic Modeling 2028	\$	3,206,181
10282028	CIP Planning 2028	\$	1,108,718
10282428	Flow Monitoring Support 2028	\$	2,350,482
13099999	MSD Labor	\$	11,009,568
Planning Phase Total		\$	33,549,018
Design/Easement Phase			
10190328	HSTS Eliminations 2028	\$	2,292,000
13090000	Programmatic Contingency	\$	5,000,000
Design/Easement Phase Total		\$	7,292,000
Construction Phase			
10180128	Main Sewer Renewal Program 2028	\$	7,645,555
10180228	Manhole Renewal Program 2028	\$	1,237,928
10280728	Critical Asset Management 2028	\$	8,523,057
10281328	Prioritized Wastewater Collection System Asset Management 2028	\$	24,585,800
Construction Phase Total		\$	41,992,340
Allowances Sub-Total		\$	82,833,358

2029 CIP Projects

Annual Total \$ 314,390,302

Projects

PID	Description	2029 Total Requested
Construction Phase		
10132930	Wulff Run Sewer Replacement	\$ 28,394,100
10145680	CSO 24 Regulator Improvements	\$ 2,759,000
10230170	Harrison Avenue North and South Hydraulic Improvements	\$ 4,686,310
10240640	MCWWTP Dewatering Building Improvements	\$ 152,617,000
10242110	Central Avenue and W 9th Street Sewer	\$ 1,497,000
10242125	Sycamore Street Sewer	\$ 1,930,000
10242185	Anthony to Innes Sewer Replacement	\$ 3,689,000
10242190	Bold Face Pump Station Study	\$ 27,057,000
10272095	Little Miami Interceptor Sluice Gate Replacement and Relocation	\$ 595,000
10242225	I-75 Lockland Split Sewer Rehabilitation	\$ 5,910,000
Construction Phase Total		\$ 229,134,410
Projects Sub-Total		\$ 229,134,410

2029 CIP Allowances

Allowances

Planning Phase			
10182029	Urgent Capacity Responses 2029	\$	1,741,366
10199029	Program Management and Support Services 2029	\$	9,180,184
10199129	Hamilton County Utility Oversight and Coordination 2029	\$	5,508,110
10280249	Hydraulic Modeling 2029	\$	3,315,292
10282029	CIP Planning 2029	\$	1,147,523
10282429	Flow Monitoring Support 2029	\$	2,432,749
13099999	MSD Labor	\$	11,394,903
Planning Phase Total		\$	34,720,127
Design/Easement Phase			
10190329	HSTS Eliminations 2029	\$	2,372,000
13090000	Programmatic Contingency	\$	5,000,000
Design/Easement Phase Total		\$	7,372,000
Construction Phase			
10180129	Main Sewer Renewal Program 2029	\$	7,913,149
10180229	Manhole Renewal Program 2029	\$	1,281,255
10280729	Critical Asset Management 2029	\$	8,523,058
10281329	Prioritized Wastewater Collection System Asset Management 2029	\$	25,446,303
Construction Phase Total		\$	43,163,765
Allowances Sub-Total		\$	85,255,892



CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of resolutions adopted by the Board of County Commissioners in session this 12th day of December, 2024.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio this 12th day of December, 2024.



Leslie R. Hervey, Clerk
Board of County Commissioners
Hamilton County, Ohio