



**CITY OF PERRYSBURG
CITY COUNCIL
AGENDA**

December 5, 2023

1. Call to Order - 6:30 PM
2. Roll Call
3. Pledge of Allegiance
4. Minutes of Council Meeting of November 21, 2023
5. Special Reports
6. Letters, Communications, and Citizens Communications
7. Administrative Reports
 - a. Mayor
 - b. City Administrator
 - c. Finance Director
 - d. Law Director

8. President of Council Report

9. Committee Reports

a. Finance & Economic Development

Ordinance# 33-2023

AN ORDINANCE MAKING APPROPRIATIONS FOR CURRENT EXPENSES AND OTHER EXPENDITURES OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO, FOR THE FISCAL YEAR ENDING DECEMBER 31, 2024; AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules and
Pass as an Emergency Measure***

b. Safety

Resolution# 133-2023

A RESOLUTION AUTHORIZING A PURCHASE AGREEMENT WITH MOTOROLA SOLUTIONS, INC. FOR THE PURCHASE OF EIGHT (8) PORTABLE RADIOS FOR THE POLICE DIVISION IN AN AMOUNT NOT TO EXCEED THIRTY-EIGHT THOUSAND EIGHT HUNDRED FORTY-TWO DOLLARS AND TWENTY-FOUR CENTS (\$38,842.24); AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and***

Pass as an Emergency Measure

- c. Recreation
- d. Planning & Zoning
- e. Personnel
- f. Public Utilities

Resolution# 124-2023

A RESOLUTION AUTHORIZING A PURCHASE AGREEMENT WITH MURPHY TRACTOR AND EQUIPMENT CO. FOR THE PURCHASE OF A TOWMASTER T-50LP TRAILER FOR THE PERRYSBURG DEPARTMENT OF PUBLIC UTILITIES IN AN AMOUNT NOT TO EXCEED FIFTY-TWO THOUSAND NINE HUNDRED EIGHTY-SIX DOLLARS AND FORTY CENTS (\$52,986.40); AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

Resolution# 134-2023

A RESOLUTION AUTHORIZING A PURCHASE AGREEMENT WITH JACK DOHENY COMPANIES INC. FOR THE PURCHASE OF A VACTOR MODEL 2115I TRUCK FOR THE DEPARTMENT OF PUBLIC UTILITIES IN AN AMOUNT NOT TO EXCEED SIX HUNDRED TEN THOUSAND SIX HUNDRED SEVENTEEN DOLLARS AND ZERO CENTS (\$610,617.00); AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

Resolution# 135-2023

A RESOLUTION AUTHORIZING AWARD OF THE BID AND AGREEMENT WITH INSITUFORM TECHNOLOGIES USA, LLC, IN AN AMOUNT NOT TO EXCEED ONE MILLION SEVEN HUNDRED SIXTY-EIGHT THOUSAND SIX HUNDRED DOLLARS AND THIRTY-NINE CENTS (\$1,768,600.39) FOR THE GRASSY CREEK SEWER LINING PROJECT; AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

Resolution# 136-2023

A RESOLUTION AUTHORIZING A FIVE THOUSAND THREE HUNDRED SIXTEEN DOLLAR AND SEVENTY-FIVE CENTS (\$5,316.75) SEWER INFRASTRUCTURE COST RECOVERY REFUND TO MR DEVELOPERS; AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

Resolution# 137-2023

A RESOLUTION AUTHORIZING A ONE HUNDRED EIGHTY-EIGHT DOLLAR AND EIGHTY CENTS (\$188.80) SEWER INFRASTRUCTURE COST RECOVERY REFUND TO WRIGHT CUSTOM HOMES; AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

Resolution# 138-2023

A RESOLUTION AUTHORIZING THE MAYOR AND DIRECTOR OF FINANCE TO APPROVE AND SIGN THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) DIRECTOR'S FINAL FINDINGS & ORDERS (DFFO); AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

Ordinance# 36-2023

AN ORDINANCE APPROVING UPDATES TO THE CITY'S SEWER MASTER PLAN AND SEWER INFRASTRUCTURE COST RECOVERY PLAN; AND DECLARING AN EMERGENCY

***Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure***

g. Service

10. Other Business

11. Adjournment

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler Law Director

RE: Ordinance 33-2023

DATE: November 2, 2023



Subject Matter/Background

This Ordinance adopts legislation for the 2024 municipal budget.

This legislation is being presented on November 7, 2023 for its first reading only and November 21, 2023 for its second reading only. At this time, the various council committees are reviewing the budgets of their respective departments and programs.

The budget documents attached were prepared for City Council to review, but they will not be voted on until the third reading of this legislation currently scheduled for December 5, 2023.

ORDINANCE 33-2023

AN ORDINANCE MAKING APPROPRIATIONS FOR CURRENT EXPENSES AND OTHER EXPENDITURES OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO, FOR THE FISCAL YEAR ENDING DECEMBER 31, 2024; AND DECLARING AN EMERGENCY

WHEREAS, pursuant to the Charter and Ordinances of the City of Perrysburg, Ohio, the City's Mayor and Director of Finance are required to prepare and submit to the Wood County Auditor an annual estimate of the City's receipts, expenditures, and appropriations.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. To provide for the current expenses and other expenditures of the City of Perrysburg, Wood County, Ohio, for the fiscal year ending December 31, 2024, sums are hereby set aside and appropriated pursuant to the report attached hereto as Exhibit A and made a part hereof.

SECTION 2. Any amounts which shall be expended from such appropriations and which are properly charged against any other departments or against any person, firm, or corporation, shall, if repaid within the period covered by such appropriation, be credited to the fund from which payments were made and be considered as re-appropriated from such original purpose, provided that the net total of the expenditures under any item of said appropriation shall not exceed the amount of such item.

SECTION 3. Pursuant to such appropriations, the Director of Finance is hereby authorized to draw his warrant upon the City Treasury in the amount appropriated and for the purposes stated in this Ordinance, upon receiving the proper documentation such as invoices or vouchers approved by City personnel authorized by an ordinance or resolution of Council to make the expenditure.

SECTION 4. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 5. This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, in order to ensure that such appropriations, powers, and duties shall be in effect on or prior to the beginning of the fiscal year ending December 31, 2024, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED: _____

ATTEST: _____

APPROVED: _____

CITY OF PERRYSBURG

2024 BUDGET

Fund	2024 Estimated Beginning Balance	2024 Estimated Revenue	2024 Expense Budget	2024 Ending Balance
1 General				
1110 GENERAL FUND	\$ 19,500,000.00	\$ 29,663,938.68	\$ 32,914,762.00	\$ 16,249,176.68
1111 RESERVE BALANCE FUND	\$ 4,899,781.52	\$ 250,000.00	\$ -	\$ 5,149,781.52
1112 PAYROLL AND PAYOUT RESERVE	\$ 465,000.00	\$ 270,000.00	\$ 409,087.00	\$ 325,913.00
Total 1 General	\$ 24,864,781.52	\$ 30,183,938.68	\$ 33,323,849.00	\$ 21,724,871.20
2 Special Revenue				
2200 FEDERAL GRANTS	\$ -	\$ 5,000.00	\$ 5,000.00	\$ -
2201 STATE GRANTS	\$ -	\$ 198,973.00	\$ 198,973.00	\$ -
2202 ONE OHIO (OPIOID SETTLEMENT) FUND	\$ 7,664.00	\$ 7,000.00	\$ 7,000.00	\$ 7,664.00
2222 INCOME TAX FUND	\$ -	\$ 25,500,000.00	\$ 25,500,000.00	\$ -
2223 STREET CONSTRUCTION & RE	\$ 1,144,499.00	\$ 1,425,000.00	\$ 2,406,558.00	\$ 162,941.00
2224 STATE HIGHWAY FUND	\$ 728,000.00	\$ 149,200.00	\$ 250,000.00	\$ 627,200.00
2225 LIGHTING FUND	\$ 370,000.00	\$ 245,000.00	\$ 317,300.00	\$ 297,700.00
2228 POLICE & FIRE PENSION	\$ 1,468,000.00	\$ 1,477,984.32	\$ 1,737,500.00	\$ 1,208,484.32
2230 SECONDARY SEWER PLANT FU	\$ 500.00	\$ 985,000.00	\$ 984,500.00	\$ 1,000.00
2231 GARBAGE & REFUSE	\$ 10,000.00	\$ 1,874,246.03	\$ 1,878,183.00	\$ 6,063.03
2233 MOTOR VEHICLE LICENSE	\$ 1,233,000.00	\$ 345,000.00	\$ 1,030,000.00	\$ 548,000.00
2235 ASR RADIO FUND	\$ 45,000.00	\$ 50,000.00	\$ 40,000.00	\$ 55,000.00
2236 STREET TREES	\$ 425,000.00	\$ 183,000.00	\$ 369,900.00	\$ 238,100.00
2237 PUBLIC TRANSPORTATION	\$ 403,000.00	\$ 592,650.08	\$ 605,400.00	\$ 390,250.08
2238 MUNI COURT COMPUTER/L.R. FUND	\$ 155,000.00	\$ 98,000.00	\$ 100,000.00	\$ 153,000.00
2239 MUNI CT PROBATION SERV	\$ 60,000.00	\$ 36,125.00	\$ 53,500.00	\$ 42,625.00
2241 MUNI CT SPEC PROJECTS	\$ 250,000.00	\$ 60,000.00	\$ 35,000.00	\$ 275,000.00
2501 RIGHT OF WAY REPAIRS	\$ 120,000.00	\$ 20,800.00	\$ 25,000.00	\$ 115,800.00
2516 LOCAL FISCAL RECOVERY FUND	\$ 449,918.14	\$ -	\$ 449,918.14	\$ -
2820 DRUG LAW ENFORCEMENT FUN	\$ 21,000.00	\$ 2,500.00	\$ 20,000.00	\$ 3,500.00
2821 POLICE DIV. DUI ARREST F	\$ 30,000.00	\$ 1,000.00	\$ 30,000.00	\$ 1,000.00
2822 FURTHERANCE OF JUSTICE	\$ 13,000.00	\$ 3,000.00	\$ 13,000.00	\$ 3,000.00
2823 FEDERAL LAW ENFORC TRUST	\$ 218,000.00	\$ 10,700.00	\$ 215,000.00	\$ 13,700.00
Total 2 Special Revenue	\$ 7,151,581.14	\$ 33,270,178.43	\$ 36,271,732.14	\$ 4,150,027.43
3 Debt Service				
3601 BOND RETIREMENT FUND	\$ 762.54	\$ -	\$ -	\$ 762.54
Total 3 Debt Service	\$ 762.54	\$ -	\$ -	\$ 762.54
4 Capital Project				
4403 CAPITAL IMPROVEMENTS	\$ 1,000,000.00	\$ 3,689,500.00	\$ 4,249,500.00	\$ 440,000.00
4404 PARK, LAND ACQUISITION &	\$ 406,000.00	\$ 118,000.00	\$ -	\$ 524,000.00
Total 4 Capital Project	\$ 1,406,000.00	\$ 3,807,500.00	\$ 4,249,500.00	\$ 964,000.00

Fund	2024 Estimated Beginning Balance	2024 Estimated Revenue	2024 Expense Budget	2024 Ending Balance
5 Enterprise				
5331 WATER DIVISION	\$ 2,600,000.00	\$ 8,271,000.00	\$ 9,615,927.00	\$ 1,255,073.00
5332 WATER POLLUTION CONTROL	\$ 12,000,000.00	\$ 8,343,000.00	\$ 8,587,871.00	\$ 11,755,129.00
5335 I & I CLEAN WATER FUND	\$ 1,508,000.00	\$ 100,000.00	\$ 550,000.00	\$ 1,058,000.00
5401 WATER R & E	\$ 5,100,000.00	\$ 630,000.00	\$ 835,000.00	\$ 4,895,000.00
5402 SEWER R & E	\$ 9,700,000.00	\$ 2,567,500.00	\$ 9,217,500.00	\$ 3,050,000.00
Total 5 Enterprise	\$ 30,908,000.00	\$ 19,911,500.00	\$ 28,806,298.00	\$ 22,013,202.00
6 Internal Service				
6505 EMPLOYEES HEALTH & WELFA	\$ 2,000,000.00	\$ 5,182,211.00	\$ 3,725,000.00	\$ 3,457,211.00
6802 POSTAGE METER FUND	\$ 50.00	\$ 85,000.00	\$ 85,000.00	\$ 50.00
Total 6 Internal Service	\$ 2,000,050.00	\$ 5,267,211.00	\$ 3,810,000.00	\$ 3,457,261.00
7 Agency/Trust				
7220 HOTEL/MOTEL TAX FUND	\$ 26,000.00	\$ 700,000.00	\$ 700,000.00	\$ 26,000.00
7503 DUI INDIGENT FUND	\$ 260,000.00	\$ 20,000.00	\$ 12,500.00	\$ 267,500.00
7504 STATE HIGHWAY PATROL TRA	\$ -	\$ 60,000.00	\$ 60,000.00	\$ -
7506 UTILITY COLL. FUND	\$ 340,000.00	\$ 1,595,000.00	\$ 1,595,000.00	\$ 340,000.00
7507 MUN.PUB.IMPROV.TAX.INCR.EQUIV.	\$ -	\$ 2,100,000.00	\$ 2,010,000.00	\$ 90,000.00
7508 JT. CEMETERY R.E. TAX FUND	\$ -	\$ 292,142.41	\$ 258,100.00	\$ 34,042.41
7510 IND DR INTERLOCK & ALC MONITOR	\$ 230,000.00	\$ 40,500.00	\$ 81,000.00	\$ 189,500.00
7511 MAT SURPLUS FUND	\$ 32,949.39	\$ -	\$ 25,000.00	\$ 7,949.39
7512 ESID FUND	\$ -	\$ 79,000.00	\$ 79,000.00	\$ -
7810 UNCASHED CHECKS	\$ 112,000.00	\$ 10,000.00	\$ 6,600.00	\$ 115,400.00
Total 7 Agency/Trust	\$ 1,000,949.39	\$ 4,896,642.41	\$ 4,827,200.00	\$ 1,070,391.80
Grand Total	\$ 67,332,124.59	\$ 97,336,970.52	\$ 111,288,579.14	\$ 53,380,515.97

CITY OF PERRYSBURG

2024 BUDGET

Account Group	Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
1110 GENERAL FUND	\$ 25,430,087.07	\$ 24,184,098.62	\$ 35,220,190.20	\$ 32,914,762.00	\$ (2,305,428.20)
11001 Council	\$ 82,041.34	\$ 86,064.44	\$ 121,115.00	\$ 127,057.00	\$ 5,942.00
50 Salaries	\$ 51,048.39	\$ 55,586.24	\$ 56,100.00	\$ 60,737.00	\$ 4,637.00
51 Fringe Benefits	\$ 8,545.47	\$ 9,584.03	\$ 9,425.00	\$ 10,720.00	\$ 1,295.00
52 Travel, Registration, Dues, and Memberships	\$ -	\$ 30.00	\$ 1,000.00	\$ 1,000.00	\$ -
53 Services	\$ 312.73	\$ 505.12	\$ 20,200.00	\$ 20,200.00	\$ -
54 Supplies and Materials	\$ 2,134.75	\$ 359.05	\$ 390.00	\$ 400.00	\$ 10.00
59 Other Financing Sources	\$ 20,000.00	\$ 20,000.00	\$ 34,000.00	\$ 34,000.00	\$ -
11002 Clerk of Council	\$ 114,914.46	\$ 10,646.74	\$ 27,090.00	\$ 26,122.00	\$ (968.00)
50 Salaries	\$ 96,666.83	\$ 6,820.00	\$ 19,380.00	\$ 20,248.00	\$ 868.00
51 Fringe Benefits	\$ 17,687.02	\$ 2,865.20	\$ 4,490.00	\$ 3,574.00	\$ (916.00)
53 Services	\$ 60.57	\$ 173.00	\$ 220.00	\$ 300.00	\$ 80.00
54 Supplies and Materials	\$ 500.04	\$ 788.54	\$ 3,000.00	\$ 2,000.00	\$ (1,000.00)
11003 Mayor	\$ 51,132.66	\$ 54,891.47	\$ 61,155.00	\$ 63,517.00	\$ 2,362.00
50 Salaries	\$ 28,000.00	\$ 28,000.00	\$ 28,000.00	\$ 28,000.00	\$ -
51 Fringe Benefits	\$ 14,418.76	\$ 15,938.59	\$ 19,930.00	\$ 16,562.00	\$ (3,368.00)
52 Travel, Registration, Dues, and Memberships	\$ -	\$ 330.08	\$ 1,750.00	\$ 8,325.00	\$ 6,575.00
53 Services	\$ 1,982.61	\$ 1,693.32	\$ 1,925.00	\$ 1,830.00	\$ (95.00)
54 Supplies and Materials	\$ 6,731.29	\$ 8,929.48	\$ 9,550.00	\$ 8,800.00	\$ (750.00)
11004 Finance	\$ 343,606.82	\$ 530,261.45	\$ 505,650.00	\$ 601,346.00	\$ 95,696.00
50 Salaries	\$ 219,555.43	\$ 255,555.16	\$ 317,000.00	\$ 387,402.00	\$ 70,402.00
51 Fringe Benefits	\$ 78,391.06	\$ 99,732.23	\$ 136,900.00	\$ 161,894.00	\$ 24,994.00
52 Travel, Registration, Dues, and Memberships	\$ -	\$ 746.48	\$ 7,350.00	\$ 7,650.00	\$ 300.00
53 Services	\$ 4,771.47	\$ 34,497.54	\$ 15,400.00	\$ 15,400.00	\$ -
54 Supplies and Materials	\$ 9,307.25	\$ 7,133.84	\$ 29,000.00	\$ 29,000.00	\$ -
55 Capital Outlay	\$ 31,581.61	\$ 132,596.20	\$ -	\$ -	\$ -
11005 Human Resources	\$ 261,936.80	\$ 387,747.68	\$ 484,295.00	\$ 520,985.00	\$ 36,690.00
50 Salaries	\$ 133,539.78	\$ 203,642.75	\$ 255,000.00	\$ 274,497.00	\$ 19,497.00
51 Fringe Benefits	\$ 70,466.80	\$ 109,842.04	\$ 134,795.00	\$ 140,578.00	\$ 5,783.00
52 Travel, Registration, Dues, and Memberships	\$ 939.00	\$ 1,947.97	\$ 4,000.00	\$ 3,585.00	\$ (415.00)
53 Services	\$ 54,535.00	\$ 43,216.22	\$ 81,600.00	\$ 98,875.00	\$ 17,275.00
54 Supplies and Materials	\$ 2,009.23	\$ 2,903.69	\$ 8,900.00	\$ 3,450.00	\$ (5,450.00)
55 Capital Outlay	\$ 446.99	\$ 26,195.01	\$ -	\$ -	\$ -
11006 Law Director	\$ 301,833.26	\$ 205,863.16	\$ 390,455.00	\$ 429,828.00	\$ 39,373.00
50 Salaries	\$ 98,941.81	\$ 104,756.99	\$ 114,100.00	\$ 156,160.00	\$ 42,060.00
51 Fringe Benefits	\$ 43,378.10	\$ 48,677.60	\$ 53,150.00	\$ 46,918.00	\$ (6,232.00)
52 Travel, Registration, Dues, and Memberships	\$ -	\$ -	\$ 1,505.00	\$ 5,050.00	\$ 3,545.00
53 Services	\$ 139,954.77	\$ 49,598.10	\$ 215,700.00	\$ 215,700.00	\$ -
54 Supplies and Materials	\$ 18,891.28	\$ 2,830.47	\$ 6,000.00	\$ 6,000.00	\$ -
55 Capital Outlay	\$ 667.30	\$ -	\$ -	\$ -	\$ -

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
11008	Legal Advertising	\$ -	\$ -	\$ 5,000.00	\$ -	\$ (5,000.00)
53	Services	\$ -	\$ -	\$ 5,000.00	\$ -	\$ (5,000.00)
11009	Board of Elections	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00	\$ -
53	Services	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00	\$ -
11020	Court	\$ 1,546,784.91	\$ 1,609,275.63	\$ 1,934,700.00	\$ 2,022,155.00	\$ 87,455.00
50	Salaries	\$ 976,771.97	\$ 1,008,207.39	\$ 1,174,250.00	\$ 1,285,020.00	\$ 110,770.00
51	Fringe Benefits	\$ 437,946.69	\$ 463,238.19	\$ 566,450.00	\$ 587,570.00	\$ 21,120.00
52	Travel, Registration, Dues, and Memberships	\$ 6,314.68	\$ 7,744.95	\$ 11,500.00	\$ 9,915.00	\$ (1,585.00)
53	Services	\$ 87,248.15	\$ 84,493.98	\$ 118,500.00	\$ 96,650.00	\$ (21,850.00)
54	Supplies and Materials	\$ 31,297.14	\$ 29,848.38	\$ 64,000.00	\$ 43,000.00	\$ (21,000.00)
55	Capital Outlay	\$ 7,206.28	\$ 15,742.74	\$ -	\$ -	\$ -
11047	General Public Buildings and Lands	\$ 354,925.48	\$ 434,799.91	\$ 669,600.00	\$ 562,200.00	\$ (107,400.00)
53	Services	\$ 333,258.61	\$ 408,580.15	\$ 615,900.00	\$ 505,000.00	\$ (110,900.00)
54	Supplies and Materials	\$ 5,001.62	\$ 9,315.67	\$ 15,000.00	\$ 18,500.00	\$ 3,500.00
55	Capital Outlay	\$ 882.15	\$ 986.50	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 15,783.10	\$ 15,917.59	\$ 38,700.00	\$ 38,700.00	\$ -
11145	Information Technology	\$ 294,026.39	\$ 319,846.19	\$ 478,015.00	\$ 492,035.00	\$ 14,020.00
50	Salaries	\$ 203,692.58	\$ 218,589.44	\$ 299,000.00	\$ 321,976.00	\$ 22,976.00
51	Fringe Benefits	\$ 81,203.60	\$ 93,034.70	\$ 143,675.00	\$ 145,534.00	\$ 1,859.00
52	Travel, Registration, Dues, and Memberships	\$ 1,056.91	\$ 2,838.40	\$ 15,000.00	\$ 5,185.00	\$ (9,815.00)
53	Services	\$ 6,656.94	\$ 3,250.34	\$ 7,640.00	\$ 9,640.00	\$ 2,000.00
54	Supplies and Materials	\$ 994.88	\$ 1,976.87	\$ 12,700.00	\$ 9,700.00	\$ (3,000.00)
55	Capital Outlay	\$ 421.48	\$ 156.44	\$ -	\$ -	\$ -
11156	Engineer	\$ 280,442.71	\$ 465,817.74	\$ 677,825.00	\$ 718,924.00	\$ 41,099.00
50	Salaries	\$ 147,809.59	\$ 247,048.64	\$ 386,400.00	\$ 409,405.00	\$ 23,005.00
51	Fringe Benefits	\$ 61,912.83	\$ 111,028.09	\$ 174,175.00	\$ 178,648.00	\$ 4,473.00
52	Travel, Registration, Dues, and Memberships	\$ -	\$ 2,634.50	\$ 2,200.00	\$ 2,420.00	\$ 220.00
53	Services	\$ 27,441.13	\$ 51,303.24	\$ 78,750.00	\$ 104,551.00	\$ 25,801.00
54	Supplies and Materials	\$ 4,057.53	\$ 3,865.27	\$ 36,300.00	\$ 23,900.00	\$ (12,400.00)
55	Capital Outlay	\$ 39,221.63	\$ 49,938.00	\$ -	\$ -	\$ -
11230	Administration	\$ 325,751.71	\$ 413,795.40	\$ 531,970.00	\$ 723,627.00	\$ 191,657.00
50	Salaries	\$ 202,623.52	\$ 237,362.47	\$ 264,500.00	\$ 431,069.00	\$ 166,569.00
51	Fringe Benefits	\$ 85,118.32	\$ 123,387.30	\$ 181,740.00	\$ 205,168.00	\$ 23,428.00
52	Travel, Registration, Dues, and Memberships	\$ -	\$ 165.00	\$ -	\$ 10,725.00	\$ 10,725.00
53	Services	\$ 34,798.23	\$ 47,498.72	\$ 80,660.00	\$ 59,665.00	\$ (20,995.00)
54	Supplies and Materials	\$ 2,256.85	\$ 4,096.99	\$ 5,070.00	\$ 17,000.00	\$ 11,930.00
55	Capital Outlay	\$ 954.79	\$ 1,284.92	\$ -	\$ -	\$ -
11755	City Wide ("Committed Projects")	\$ 233,012.07	\$ 409,411.93	\$ 778,405.00	\$ 868,080.00	\$ 89,675.00
52	Travel, Registration, Dues, and Memberships	\$ 35,984.56	\$ 41,327.52	\$ 38,000.00	\$ 20,000.00	\$ (18,000.00)
53	Services	\$ 197,027.51	\$ 343,932.23	\$ 692,405.00	\$ 805,080.00	\$ 112,675.00
54	Supplies and Materials	\$ -	\$ 24,152.18	\$ 48,000.00	\$ 43,000.00	\$ (5,000.00)

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
11761	Special Disbursements	\$ 6,389,615.89	\$ 3,121,481.78	\$ 9,766,000.00	\$ 5,504,000.00	\$ (4,262,000.00)
53	Services	\$ 96,874.98	\$ 84,510.73	\$ 87,500.00	\$ 73,500.00	\$ (14,000.00)
54	Supplies and Materials	\$ -	\$ 490.19	\$ 4,000.00	\$ -	\$ (4,000.00)
56	Miscellaneous	\$ 109,240.91	\$ 231,242.21	\$ 257,000.00	\$ 263,000.00	\$ 6,000.00
59	Other Financing Sources	\$ 6,183,500.00	\$ 2,805,238.65	\$ 9,417,500.00	\$ 5,167,500.00	\$ (4,250,000.00)
21010	Prosecutor	\$ 430,319.77	\$ 466,125.44	\$ 525,190.00	\$ 570,877.00	\$ 45,687.00
50	Salaries	\$ 265,301.46	\$ 279,071.64	\$ 306,000.00	\$ 340,983.00	\$ 34,983.00
51	Fringe Benefits	\$ 136,347.47	\$ 160,833.32	\$ 173,150.00	\$ 181,004.00	\$ 7,854.00
52	Travel, Registration, Dues, and Memberships	\$ 2,929.00	\$ 1,434.00	\$ 4,500.00	\$ 7,350.00	\$ 2,850.00
53	Services	\$ 5,653.55	\$ 19,321.62	\$ 31,940.00	\$ 32,540.00	\$ 600.00
54	Supplies and Materials	\$ 19,980.29	\$ 5,464.86	\$ 9,600.00	\$ 9,000.00	\$ (600.00)
55	Capital Outlay	\$ 108.00	\$ -	\$ -	\$ -	\$ -
21232	Police	\$ 6,050,990.17	\$ 6,591,876.91	\$ 7,497,660.00	\$ 7,828,684.00	\$ 331,024.00
50	Salaries	\$ 4,019,478.30	\$ 4,313,886.77	\$ 5,026,150.00	\$ 5,223,054.00	\$ 196,904.00
51	Fringe Benefits	\$ 1,127,611.86	\$ 1,395,529.34	\$ 1,574,775.00	\$ 1,611,895.00	\$ 37,120.00
52	Travel, Registration, Dues, and Memberships	\$ 91,755.22	\$ 52,812.24	\$ 67,000.00	\$ 78,500.00	\$ 11,500.00
53	Services	\$ 299,444.58	\$ 343,314.12	\$ 465,700.00	\$ 548,200.00	\$ 82,500.00
54	Supplies and Materials	\$ 190,504.85	\$ 190,197.15	\$ 364,000.00	\$ 367,000.00	\$ 3,000.00
55	Capital Outlay	\$ 322,103.85	\$ 296,046.47	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 91.51	\$ 90.82	\$ 35.00	\$ 35.00	\$ -
21233	Fire	\$ 4,270,878.72	\$ 4,503,890.00	\$ 5,044,053.20	\$ 5,937,997.00	\$ 893,943.80
50	Salaries	\$ 2,840,547.32	\$ 2,969,721.64	\$ 3,267,403.20	\$ 3,702,454.00	\$ 435,050.80
51	Fringe Benefits	\$ 636,013.89	\$ 764,800.67	\$ 829,402.00	\$ 958,248.00	\$ 128,846.00
52	Travel, Registration, Dues, and Memberships	\$ 72,975.60	\$ 28,639.48	\$ 61,055.00	\$ 108,285.00	\$ 47,230.00
53	Services	\$ 246,554.53	\$ 325,498.84	\$ 470,323.00	\$ 589,470.00	\$ 119,147.00
54	Supplies and Materials	\$ 259,100.96	\$ 362,176.59	\$ 411,870.00	\$ 575,540.00	\$ 163,670.00
55	Capital Outlay	\$ 211,460.15	\$ 48,710.68	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 4,226.27	\$ 4,342.10	\$ 4,000.00	\$ 4,000.00	\$ -
31335	Health	\$ 24,931.32	\$ 25,236.24	\$ 26,000.00	\$ 26,000.00	\$ -
53	Services	\$ 24,931.32	\$ 25,236.24	\$ 26,000.00	\$ 26,000.00	\$ -
31349	Cemetery	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00	\$ -
53	Services	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00	\$ -
41646	Public Parks and Playgrounds	\$ 1,170,774.31	\$ 1,395,572.97	\$ 1,907,050.00	\$ 1,934,829.00	\$ 27,779.00
50	Salaries	\$ 579,310.80	\$ 644,314.39	\$ 860,000.00	\$ 857,127.00	\$ (2,873.00)
51	Fringe Benefits	\$ 247,856.11	\$ 292,187.84	\$ 404,200.00	\$ 382,352.00	\$ (21,848.00)
52	Travel, Registration, Dues, and Memberships	\$ 50.00	\$ 668.50	\$ 2,500.00	\$ 2,250.00	\$ (250.00)
53	Services	\$ 127,081.76	\$ 221,804.85	\$ 261,850.00	\$ 295,600.00	\$ 33,750.00
54	Supplies and Materials	\$ 188,130.06	\$ 203,849.76	\$ 377,500.00	\$ 396,500.00	\$ 19,000.00
55	Capital Outlay	\$ 26,310.38	\$ 30,711.58	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 2,035.20	\$ 2,036.05	\$ 1,000.00	\$ 1,000.00	\$ -

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
41648	Swimming Pools and Beaches	\$ 271,437.81	\$ 279,862.96	\$ 364,400.00	\$ 335,700.00	\$ (28,700.00)
53	Services	\$ 256,251.11	\$ 263,509.75	\$ 342,400.00	\$ 300,700.00	\$ (41,700.00)
54	Supplies and Materials	\$ 15,186.70	\$ 16,353.21	\$ 22,000.00	\$ 35,000.00	\$ 13,000.00
41649	Three Meadows Pond	\$ 5,507.86	\$ 1,904.20	\$ -	\$ -	\$ -
53	Services	\$ 5,507.86	\$ 1,904.20	\$ -	\$ -	\$ -
41650	Public Recreation	\$ 135,626.32	\$ 168,183.67	\$ 275,325.00	\$ 307,248.00	\$ 31,923.00
50	Salaries	\$ 61,243.00	\$ 41,872.25	\$ 25,000.00	\$ 28,600.00	\$ 3,600.00
51	Fringe Benefits	\$ 10,251.86	\$ 7,302.25	\$ 4,875.00	\$ 5,048.00	\$ 173.00
53	Services	\$ 44,063.30	\$ 96,867.02	\$ 181,950.00	\$ 208,600.00	\$ 26,650.00
54	Supplies and Materials	\$ 20,068.16	\$ 22,142.15	\$ 63,500.00	\$ 65,000.00	\$ 1,500.00
41652	Firework Display	\$ 15,000.00	\$ 24,375.00	\$ -	\$ -	\$ -
53	Services	\$ 15,000.00	\$ 24,375.00	\$ -	\$ -	\$ -
51234	Planning and Zoning	\$ 433,151.78	\$ 452,779.92	\$ 647,275.00	\$ 716,397.00	\$ 69,122.00
50	Salaries	\$ 271,618.79	\$ 293,851.04	\$ 328,500.00	\$ 362,135.00	\$ 33,635.00
51	Fringe Benefits	\$ 102,470.68	\$ 118,700.75	\$ 131,875.00	\$ 139,462.00	\$ 7,587.00
52	Travel, Registration, Dues, and Memberships	\$ -	\$ 720.00	\$ 1,800.00	\$ 3,300.00	\$ 1,500.00
53	Services	\$ 51,503.83	\$ 29,530.40	\$ 166,000.00	\$ 199,800.00	\$ 33,800.00
54	Supplies and Materials	\$ 7,558.48	\$ 9,259.51	\$ 19,000.00	\$ 11,600.00	\$ (7,400.00)
55	Capital Outlay	\$ -	\$ 649.99	\$ -	\$ -	\$ -
56	Miscellaneous	\$ -	\$ 68.23	\$ 100.00	\$ 100.00	\$ -
71541	Street Division	\$ 2,040,444.51	\$ 2,224,387.79	\$ 2,485,962.00	\$ 2,581,154.00	\$ 95,192.00
50	Salaries	\$ 1,188,939.01	\$ 1,199,115.55	\$ 1,290,900.00	\$ 1,378,917.00	\$ 88,017.00
51	Fringe Benefits	\$ 496,548.25	\$ 600,725.05	\$ 678,562.00	\$ 672,237.00	\$ (6,325.00)
52	Travel, Registration, Dues, and Memberships	\$ 4,050.75	\$ 336.18	\$ 2,500.00	\$ 2,500.00	\$ -
53	Services	\$ 168,566.55	\$ 202,342.81	\$ 212,250.00	\$ 200,000.00	\$ (12,250.00)
54	Supplies and Materials	\$ 164,481.53	\$ 216,972.55	\$ 301,750.00	\$ 327,500.00	\$ 25,750.00
55	Capital Outlay	\$ 17,858.42	\$ 4,895.65	\$ -	\$ -	\$ -
1112	PAYROLL AND PAYOUT RESERVE	\$ -	\$ -	\$ 258,000.00	\$ 409,087.00	\$ 151,087.00
11755	City Wide ("Committed Projects")	\$ -	\$ -	\$ 258,000.00	\$ 409,087.00	\$ 151,087.00
50	Salaries	\$ -	\$ -	\$ 254,300.00	\$ 403,240.00	\$ 148,940.00
51	Fringe Benefits	\$ -	\$ -	\$ 3,700.00	\$ 5,847.00	\$ 2,147.00
2200	FEDERAL GRANTS	\$ -	\$ 820,203.85	\$ 30,065.50	\$ 5,000.00	\$ (25,065.50)
11156	Engineer	\$ -	\$ 817,851.41	\$ 25,065.50	\$ -	\$ (25,065.50)
50	Salaries	\$ -	\$ 16,534.45	\$ -	\$ -	\$ -
55	Capital Outlay	\$ -	\$ 801,316.96	\$ 25,065.50	\$ -	\$ (25,065.50)
21232	Police	\$ -	\$ 2,352.44	\$ 5,000.00	\$ 5,000.00	\$ -
54	Supplies and Materials	\$ -	\$ 2,352.44	\$ 5,000.00	\$ 5,000.00	\$ -

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
2201	STATE GRANTS	\$ -	\$ 15,869.88	\$ 17,538.10	\$ 198,973.00	\$ 181,434.90
11755	City Wide ("Committed Projects")	\$ -	\$ -	\$ -	\$ 175,000.00	\$ 175,000.00
55	Capital Outlay	\$ -	\$ -	\$ -	\$ 175,000.00	\$ 175,000.00
21232	Police	\$ -	\$ 15,869.88	\$ 17,538.10	\$ 23,973.00	\$ 6,434.90
50	Salaries	\$ -	\$ 15,869.88	\$ 12,719.00	\$ 18,973.00	\$ 6,254.00
54	Supplies and Materials	\$ -	\$ -	\$ 4,819.10	\$ 5,000.00	\$ 180.90
2202	ONE OHIO (OPIOID SETTLEMENT) FUND	\$ -	\$ -	\$ -	\$ 7,000.00	\$ 7,000.00
11755	City Wide ("Committed Projects")	\$ -	\$ -	\$ -	\$ 7,000.00	\$ 7,000.00
54	Supplies and Materials	\$ -	\$ -	\$ -	\$ 7,000.00	\$ 7,000.00
2222	INCOME TAX FUND	\$ 21,884,690.33	\$ 26,002,213.51	\$ 23,000,000.00	\$ 25,500,000.00	\$ 2,500,000.00
11011	Income Tax Division	\$ 21,884,690.33	\$ 26,002,213.51	\$ 23,000,000.00	\$ 25,500,000.00	\$ 2,500,000.00
50	Salaries	\$ 395,980.46	\$ 375,069.03	\$ 411,000.00	\$ 452,926.00	\$ 41,926.00
51	Fringe Benefits	\$ 165,864.53	\$ 153,487.71	\$ 222,350.00	\$ 199,556.00	\$ (22,794.00)
52	Travel, Registration, Dues, and Memberships	\$ 3,060.00	\$ 744.83	\$ 2,400.00	\$ 3,300.00	\$ 900.00
53	Services	\$ 14,217.41	\$ 33,816.90	\$ 70,425.00	\$ 79,830.00	\$ 9,405.00
54	Supplies and Materials	\$ 18,411.62	\$ 12,503.14	\$ 8,500.00	\$ 25,000.00	\$ 16,500.00
55	Capital Outlay	\$ 11,753.62	\$ 2,410.49	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 452,638.22	\$ 1,837,766.75	\$ 925,000.00	\$ 925,000.00	\$ -
59	Other Financing Sources	\$ 20,822,764.47	\$ 23,586,414.66	\$ 21,360,325.00	\$ 23,814,388.00	\$ 2,454,063.00
2223	STREET CONSTRUCTION & RE	\$ 787,057.68	\$ 1,656,995.95	\$ 3,195,000.00	\$ 2,406,558.00	\$ (788,442.00)
71545	Personnel Services	\$ 645,275.41	\$ 1,381,316.98	\$ 2,935,000.00	\$ 2,331,558.00	\$ (603,442.00)
53	Services	\$ 645,275.41	\$ 1,381,316.98	\$ 165,000.00	\$ 165,000.00	\$ -
55	Capital Outlay	\$ -	\$ -	\$ 2,770,000.00	\$ 2,166,558.00	\$ (603,442.00)
71546	Traffic Signals	\$ 127,189.93	\$ 256,959.19	\$ 235,000.00	\$ 48,000.00	\$ (187,000.00)
53	Services	\$ 127,189.93	\$ 256,579.99	\$ 235,000.00	\$ 48,000.00	\$ (187,000.00)
54	Supplies and Materials	\$ -	\$ 379.20	\$ -	\$ -	\$ -
71547	Street Signs	\$ 14,592.34	\$ 18,719.78	\$ 25,000.00	\$ 27,000.00	\$ 2,000.00
54	Supplies and Materials	\$ 14,592.34	\$ 18,719.78	\$ 25,000.00	\$ 27,000.00	\$ 2,000.00
2224	STATE HIGHWAY FUND	\$ 146,845.11	\$ 111,600.12	\$ 300,000.00	\$ 250,000.00	\$ (50,000.00)
71548	State Highway - Materials and Supplies	\$ 146,845.11	\$ 111,600.12	\$ 300,000.00	\$ 250,000.00	\$ (50,000.00)
54	Supplies and Materials	\$ 146,845.11	\$ 111,600.12	\$ 300,000.00	\$ 250,000.00	\$ (50,000.00)

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
2225	LIGHTING FUND	\$ 229,388.17	\$ 214,556.30	\$ 302,300.00	\$ 317,300.00	\$ 15,000.00
93238	Bond and Note Retirement	\$ 229,388.17	\$ 214,556.30	\$ 302,300.00	\$ 317,300.00	\$ 15,000.00
53	Services	\$ 207,778.75	\$ 207,353.29	\$ 262,300.00	\$ 262,300.00	\$ -
54	Supplies and Materials	\$ -	\$ -	\$ -	\$ 40,000.00	\$ 40,000.00
56	Miscellaneous	\$ 21,609.42	\$ 7,203.01	\$ 40,000.00	\$ 15,000.00	\$ (25,000.00)
2228	POLICE & FIRE PENSION	\$ 1,226,457.84	\$ 1,331,989.39	\$ 1,575,750.00	\$ 1,737,500.00	\$ 161,750.00
21236	Contract Services/Fringe Benefits	\$ 1,226,457.84	\$ 1,331,989.39	\$ 1,575,750.00	\$ 1,737,500.00	\$ 161,750.00
51	Fringe Benefits	\$ 1,214,763.12	\$ 1,317,462.23	\$ 1,558,250.00	\$ 1,720,000.00	\$ 161,750.00
53	Services	\$ 11,694.72	\$ 14,527.16	\$ 17,500.00	\$ 17,500.00	\$ -
2230	SECONDARY SEWER PLANT FU	\$ 897,900.22	\$ 900,005.06	\$ 901,084.16	\$ 984,500.00	\$ 83,415.84
93930	Note/Bond Retire/Advances	\$ 897,900.22	\$ 900,005.06	\$ 901,084.16	\$ 984,500.00	\$ 83,415.84
57	Debt Service	\$ 897,900.22	\$ 900,005.06	\$ 901,084.16	\$ 984,500.00	\$ 83,415.84
2231	GARBAGE & REFUSE	\$ 1,305,049.89	\$ 1,500,170.70	\$ 1,441,450.00	\$ 1,878,183.00	\$ 436,733.00
31338	Garbage and Refuse	\$ 1,185,281.26	\$ 1,426,658.71	\$ 1,289,050.00	\$ 1,693,183.00	\$ 404,133.00
50	Salaries	\$ 400,337.71	\$ 368,173.95	\$ 426,000.00	\$ 445,658.00	\$ 19,658.00
51	Fringe Benefits	\$ 193,047.19	\$ 179,301.89	\$ 218,950.00	\$ 205,125.00	\$ (13,825.00)
52	Travel, Registration, Dues, and Memberships	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00	\$ -
53	Services	\$ 450,048.48	\$ 478,926.89	\$ 396,400.00	\$ 429,400.00	\$ 33,000.00
54	Supplies and Materials	\$ 141,847.88	\$ 209,689.98	\$ 246,700.00	\$ 252,000.00	\$ 5,300.00
55	Capital Outlay	\$ -	\$ 190,566.00	\$ -	\$ 360,000.00	\$ 360,000.00
31952	Curbside Recycling	\$ 119,768.63	\$ 73,511.99	\$ 152,400.00	\$ 185,000.00	\$ 32,600.00
53	Services	\$ 119,768.63	\$ 73,511.99	\$ 152,400.00	\$ 185,000.00	\$ 32,600.00
2233	MOTOR VEHICLE LICENSE	\$ 124,046.82	\$ 213,018.37	\$ 130,000.00	\$ 1,030,000.00	\$ 900,000.00
71542	Motor Vehicle License	\$ 124,046.82	\$ 213,018.37	\$ 130,000.00	\$ 1,030,000.00	\$ 900,000.00
53	Services	\$ 124,046.82	\$ 213,018.37	\$ 130,000.00	\$ 30,000.00	\$ (100,000.00)
55	Capital Outlay	\$ -	\$ -	\$ -	\$ 1,000,000.00	\$ 1,000,000.00
2235	ASR RADIO FUND	\$ 3,821.62	\$ 44,535.73	\$ 40,000.00	\$ 40,000.00	\$ -
21233	Fire	\$ 3,821.62	\$ 44,535.73	\$ 40,000.00	\$ 40,000.00	\$ -
53	Services	\$ 3,821.62	\$ 44,535.73	\$ 40,000.00	\$ 40,000.00	\$ -
2236	STREET TREES	\$ 135,416.89	\$ 230,718.79	\$ 363,500.00	\$ 369,900.00	\$ 6,400.00
71645	Street Trees	\$ 135,416.89	\$ 230,718.79	\$ 363,500.00	\$ 369,900.00	\$ 6,400.00
53	Services	\$ 133,240.09	\$ 229,104.01	\$ 358,900.00	\$ 358,900.00	\$ -
54	Supplies and Materials	\$ 2,176.80	\$ 1,614.78	\$ 4,500.00	\$ 10,000.00	\$ 5,500.00
56	Miscellaneous	\$ -	\$ -	\$ 100.00	\$ 1,000.00	\$ 900.00

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
2237	PUBLIC TRANSPORTATION	\$ 431,926.87	\$ 511,627.44	\$ 556,900.00	\$ 605,400.00	\$ 48,500.00
71375	Public Transportation	\$ 431,926.87	\$ 511,627.44	\$ 556,900.00	\$ 605,400.00	\$ 48,500.00
53	Services	\$ 431,926.87	\$ 511,627.44	\$ 556,900.00	\$ 605,400.00	\$ 48,500.00
2238	MUNI COURT COMPUTER/L.R. FUND	\$ 92,914.57	\$ 103,543.48	\$ 110,000.00	\$ 100,000.00	\$ (10,000.00)
11820	Municipal Court - Computer/L.R. Fund	\$ 92,914.57	\$ 103,543.48	\$ 110,000.00	\$ 100,000.00	\$ (10,000.00)
53	Services	\$ -	\$ 4,944.34	\$ 90,000.00	\$ 80,000.00	\$ (10,000.00)
54	Supplies and Materials	\$ 18,624.63	\$ 14,734.63	\$ 20,000.00	\$ 20,000.00	\$ -
55	Capital Outlay	\$ 74,289.94	\$ 83,864.51	\$ -	\$ -	\$ -
2239	MUNI CT PROBATION SERV	\$ 16,874.11	\$ 43,014.06	\$ 53,000.00	\$ 53,500.00	\$ 500.00
11920	Municipal Court - Probation	\$ 16,874.11	\$ 43,014.06	\$ 53,000.00	\$ 53,500.00	\$ 500.00
52	Travel, Registration, Dues, and Memberships	\$ -	\$ -	\$ 3,000.00	\$ 4,500.00	\$ 1,500.00
53	Services	\$ 5,799.84	\$ 37,050.66	\$ 40,000.00	\$ 42,000.00	\$ 2,000.00
54	Supplies and Materials	\$ 11,074.27	\$ 5,963.40	\$ 10,000.00	\$ 7,000.00	\$ (3,000.00)
2241	MUNI CT SPEC PROJECTS	\$ -	\$ -	\$ 40,000.00	\$ 35,000.00	\$ (5,000.00)
11720	Municipal Court - Special Projects	\$ -	\$ -	\$ 40,000.00	\$ 35,000.00	\$ (5,000.00)
53	Services	\$ -	\$ -	\$ 20,000.00	\$ 30,000.00	\$ 10,000.00
54	Supplies and Materials	\$ -	\$ -	\$ 20,000.00	\$ 5,000.00	\$ (15,000.00)
2501	RIGHT OF WAY REPAIRS	\$ -	\$ 8,000.00	\$ 25,000.00	\$ 25,000.00	\$ -
71105	Right of Way Repairs	\$ -	\$ 8,000.00	\$ 25,000.00	\$ 25,000.00	\$ -
56	Miscellaneous	\$ -	\$ 8,000.00	\$ 25,000.00	\$ 25,000.00	\$ -
2514	Caronavirus Relief Fund	\$ 15,152.51	\$ -	\$ -	\$ -	\$ -
11745	CARES Act	\$ 15,152.51	\$ -	\$ -	\$ -	\$ -
50	Salaries	\$ (8,054.37)	\$ -	\$ -	\$ -	\$ -
53	Services	\$ (344.14)	\$ -	\$ -	\$ -	\$ -
54	Supplies and Materials	\$ 2,897.87	\$ -	\$ -	\$ -	\$ -
55	Capital Outlay	\$ 20,653.15	\$ -	\$ -	\$ -	\$ -
2516	LOCAL FISCAL RECOVERY FUND	\$ -	\$ 315,963.77	\$ 323,000.00	\$ 449,918.14	\$ 126,918.14
11747	American Rescue Plan Act	\$ -	\$ 315,963.77	\$ 323,000.00	\$ 449,918.14	\$ 126,918.14
53	Services	\$ -	\$ 315,963.77	\$ -	\$ -	\$ -
55	Capital Outlay	\$ -	\$ -	\$ 323,000.00	\$ 449,918.14	\$ 126,918.14
2820	DRUG LAW ENFORCEMENT FUN	\$ 5,721.90	\$ -	\$ 20,000.00	\$ 20,000.00	\$ -
21232	Police	\$ 5,721.90	\$ -	\$ 20,000.00	\$ 20,000.00	\$ -
52	Travel, Registration, Dues, and Memberships	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -
53	Services	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
54	Supplies and Materials	\$ -	\$ -	\$ 12,500.00	\$ 10,000.00	\$ (2,500.00)
55	Capital Outlay	\$ 5,721.90	\$ -	\$ -	\$ -	\$ -
56	Miscellaneous	\$ -	\$ -	\$ 2,500.00	\$ 5,000.00	\$ 2,500.00
2821	POLICE DIV. DUI ARREST F	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00	\$ -
21232	Police	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00	\$ -
50	Salaries	\$ -	\$ -	\$ 15,000.00	\$ 10,000.00	\$ (5,000.00)
53	Services	\$ -	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
54	Supplies and Materials	\$ -	\$ -	\$ 15,000.00	\$ 10,000.00	\$ (5,000.00)
2822	FURTHERANCE OF JUSTICE	\$ -	\$ -	\$ 12,300.00	\$ 13,000.00	\$ 700.00
21232	Police	\$ -	\$ -	\$ 12,300.00	\$ 13,000.00	\$ 700.00
53	Services	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00	\$ -
54	Supplies and Materials	\$ -	\$ -	\$ 6,000.00	\$ 7,000.00	\$ 1,000.00
56	Miscellaneous	\$ -	\$ -	\$ 300.00	\$ -	\$ (300.00)
2823	FEDERAL LAW ENFORC TRUST	\$ 1,669.00	\$ 18,595.36	\$ 260,000.00	\$ 215,000.00	\$ (45,000.00)
21232	Police	\$ 1,669.00	\$ 18,595.36	\$ 260,000.00	\$ 215,000.00	\$ (45,000.00)
52	Travel, Registration, Dues, and Memberships	\$ -	\$ -	\$ 20,000.00	\$ 15,000.00	\$ (5,000.00)
54	Supplies and Materials	\$ -	\$ -	\$ 40,000.00	\$ 40,000.00	\$ -
55	Capital Outlay	\$ 1,669.00	\$ 18,595.36	\$ 200,000.00	\$ 160,000.00	\$ (40,000.00)
3601	BOND RETIREMENT FUND	\$ 3,060,000.00	\$ -	\$ -	\$ -	\$ -
93021	Bond Retirement	\$ 3,060,000.00	\$ -	\$ -	\$ -	\$ -
57	Debt Service	\$ 3,060,000.00	\$ -	\$ -	\$ -	\$ -
4403	CAPITAL IMPROVEMENTS	\$ 3,809,139.54	\$ 3,314,461.09	\$ 7,652,875.50	\$ 4,249,500.00	\$ (3,403,375.50)
11145	Information Technology	\$ -	\$ -	\$ 45,000.00	\$ 40,000.00	\$ (5,000.00)
55	Capital Outlay	\$ -	\$ -	\$ 45,000.00	\$ 40,000.00	\$ (5,000.00)
11755	City Wide ("Committed Projects")	\$ -	\$ -	\$ 5,019,500.00	\$ 3,039,500.00	\$ (1,980,000.00)
55	Capital Outlay	\$ -	\$ -	\$ 5,019,500.00	\$ 3,039,500.00	\$ (1,980,000.00)
21232	Police	\$ -	\$ -	\$ 342,000.00	\$ 400,000.00	\$ 58,000.00
55	Capital Outlay	\$ -	\$ -	\$ 342,000.00	\$ 400,000.00	\$ 58,000.00
21233	Fire	\$ -	\$ -	\$ 1,470,250.00	\$ 180,000.00	\$ (1,290,250.00)
55	Capital Outlay	\$ -	\$ -	\$ 1,470,250.00	\$ 180,000.00	\$ (1,290,250.00)
41646	Public Parks and Playgrounds	\$ -	\$ -	\$ -	\$ 240,000.00	\$ 240,000.00
55	Capital Outlay	\$ -	\$ -	\$ -	\$ 240,000.00	\$ 240,000.00
51234	Planning and Zoning	\$ -	\$ -	\$ 101,125.50	\$ -	\$ (101,125.50)
55	Capital Outlay	\$ -	\$ -	\$ 101,125.50	\$ -	\$ (101,125.50)

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
71541	Street Division	\$ -	\$ -	\$ 675,000.00	\$ 350,000.00	\$ (325,000.00)
55	Capital Outlay	\$ -	\$ -	\$ 675,000.00	\$ 350,000.00	\$ (325,000.00)
81919	Capital Outlay	\$ 3,809,139.54	\$ 3,314,461.09	\$ -	\$ -	\$ -
55	Capital Outlay	\$ 3,809,139.54	\$ 3,314,461.09	\$ -	\$ -	\$ -
4404	PARK, LAND ACQUISITION &	\$ 213,333.83	\$ 263,638.73	\$ -	\$ -	\$ -
94637	Advances	\$ 213,333.83	\$ 263,638.73	\$ -	\$ -	\$ -
55	Capital Outlay	\$ 213,333.83	\$ 263,638.73	\$ -	\$ -	\$ -
5331	WATER DIVISION	\$ 6,036,481.82	\$ 6,404,321.67	\$ 8,796,404.83	\$ 9,615,927.00	\$ 819,522.17
61814	Water	\$ 6,036,481.82	\$ 6,404,321.67	\$ 8,796,404.83	\$ 9,615,927.00	\$ 819,522.17
50	Salaries	\$ 569,053.41	\$ 674,400.01	\$ 833,500.00	\$ 989,584.00	\$ 156,084.00
51	Fringe Benefits	\$ 203,808.44	\$ 308,645.62	\$ 384,350.00	\$ 459,043.00	\$ 74,693.00
52	Travel, Registration, Dues, and Memberships	\$ 2,436.05	\$ 5,473.25	\$ 15,750.00	\$ 42,000.00	\$ 26,250.00
53	Services	\$ 4,972,345.23	\$ 4,982,027.29	\$ 5,715,204.83	\$ 6,903,950.00	\$ 1,188,745.17
54	Supplies and Materials	\$ 249,377.67	\$ 336,574.41	\$ 1,312,000.00	\$ 1,005,750.00	\$ (306,250.00)
55	Capital Outlay	\$ 18,951.93	\$ 57,931.97	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 20,509.09	\$ 39,269.12	\$ 35,600.00	\$ 15,600.00	\$ (20,000.00)
59	Other Financing Sources	\$ -	\$ -	\$ 500,000.00	\$ 200,000.00	\$ (300,000.00)
5332	WATER POLLUTION CONTROL	\$ 3,514,517.66	\$ 4,162,454.68	\$ 6,192,800.00	\$ 8,587,871.00	\$ 2,395,071.00
61815	Water Pollution Control	\$ 3,441,414.95	\$ 4,149,987.23	\$ 3,493,300.00	\$ 5,732,610.00	\$ 2,239,310.00
50	Salaries	\$ 1,094,356.13	\$ 1,364,281.09	\$ 878,000.00	\$ 912,150.00	\$ 34,150.00
51	Fringe Benefits	\$ 500,166.80	\$ 622,960.96	\$ 398,400.00	\$ 410,942.00	\$ 12,542.00
52	Travel, Registration, Dues, and Memberships	\$ 11,539.80	\$ 12,635.55	\$ 4,800.00	\$ 6,591.00	\$ 1,791.00
53	Services	\$ 617,929.79	\$ 877,509.09	\$ 1,175,850.00	\$ 1,272,777.00	\$ 96,927.00
54	Supplies and Materials	\$ 261,074.46	\$ 370,330.89	\$ 257,250.00	\$ 311,650.00	\$ 54,400.00
55	Capital Outlay	\$ 76,100.58	\$ 100,276.87	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 20,247.39	\$ 1,992.78	\$ 19,000.00	\$ 4,000.00	\$ (15,000.00)
59	Other Financing Sources	\$ 860,000.00	\$ 800,000.00	\$ 760,000.00	\$ 2,814,500.00	\$ 2,054,500.00
61826	Sewer Collections	\$ -	\$ -	\$ 2,188,250.00	\$ 2,543,911.00	\$ 355,661.00
50	Salaries	\$ -	\$ -	\$ 833,500.00	\$ 940,416.00	\$ 106,916.00
51	Fringe Benefits	\$ -	\$ -	\$ 384,350.00	\$ 442,445.00	\$ 58,095.00
52	Travel, Registration, Dues, and Memberships	\$ -	\$ -	\$ 15,750.00	\$ 47,500.00	\$ 31,750.00
53	Services	\$ -	\$ -	\$ 628,550.00	\$ 754,800.00	\$ 126,250.00
54	Supplies and Materials	\$ -	\$ -	\$ 311,100.00	\$ 357,250.00	\$ 46,150.00
56	Miscellaneous	\$ -	\$ -	\$ 15,000.00	\$ 1,500.00	\$ (13,500.00)
62955	Storm Water Management	\$ 73,102.71	\$ 12,467.45	\$ 511,250.00	\$ 311,350.00	\$ (199,900.00)
50	Salaries	\$ 62,379.01	\$ -	\$ -	\$ -	\$ -
51	Fringe Benefits	\$ 10,321.61	\$ -	\$ -	\$ -	\$ -
52	Travel, Registration, Dues, and Memberships	\$ 237.49	\$ 910.34	\$ 4,400.00	\$ 19,150.00	\$ 14,750.00
53	Services	\$ -	\$ 10,730.71	\$ 484,600.00	\$ 210,000.00	\$ (274,600.00)
54	Supplies and Materials	\$ 164.60	\$ 826.40	\$ 22,250.00	\$ 82,200.00	\$ 59,950.00

Account Group	Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
5335 I & I CLEAN WATER FUND	\$ -	\$ -	\$ -	\$ 550,000.00	\$ 550,000.00
61816 Utility Collections	\$ -	\$ -	\$ -	\$ 550,000.00	\$ 550,000.00
54 Supplies and Materials	\$ -	\$ -	\$ -	\$ 550,000.00	\$ 550,000.00
5401 WATER R & E	\$ 594,754.74	\$ 690,052.89	\$ 3,262,500.00	\$ 835,000.00	\$ (2,427,500.00)
61814 Water	\$ -	\$ -	\$ 3,262,500.00	\$ 835,000.00	\$ (2,427,500.00)
55 Capital Outlay	\$ -	\$ -	\$ 3,262,500.00	\$ 835,000.00	\$ (2,427,500.00)
61916 Water	\$ 594,754.74	\$ 690,052.89	\$ -	\$ -	\$ -
55 Capital Outlay	\$ 594,754.74	\$ 690,052.89	\$ -	\$ -	\$ -
5402 SEWER R & E	\$ 2,724,201.82	\$ 1,477,367.75	\$ 6,533,800.00	\$ 9,217,500.00	\$ 2,683,700.00
61815 Water Pollution Control	\$ -	\$ -	\$ 843,000.00	\$ 7,073,000.00	\$ 6,230,000.00
55 Capital Outlay	\$ -	\$ -	\$ 843,000.00	\$ 7,073,000.00	\$ 6,230,000.00
61826 Sewer Collections	\$ 2,724,201.82	\$ 1,477,367.75	\$ 4,310,800.00	\$ 1,944,500.00	\$ (2,366,300.00)
53 Services	\$ -	\$ -	\$ 4,000.00	\$ -	\$ (4,000.00)
55 Capital Outlay	\$ 1,735,354.62	\$ 456,311.75	\$ 3,084,500.00	\$ 710,000.00	\$ (2,374,500.00)
56 Miscellaneous	\$ -	\$ 31,156.00	\$ 250,000.00	\$ 250,000.00	\$ -
57 Debt Service	\$ 988,847.20	\$ 989,900.00	\$ 972,300.00	\$ 984,500.00	\$ 12,200.00
62955 Storm Water Management	\$ -	\$ -	\$ 1,380,000.00	\$ 200,000.00	\$ (1,180,000.00)
55 Capital Outlay	\$ -	\$ -	\$ 1,380,000.00	\$ 200,000.00	\$ (1,180,000.00)
6505 EMPLOYEES HEALTH & WELFA	\$ 3,141,176.43	\$ 3,422,837.27	\$ 3,725,000.00	\$ 3,725,000.00	\$ -
11075 Employees Health and Welfare	\$ 3,141,176.43	\$ 3,422,837.27	\$ 3,725,000.00	\$ 3,725,000.00	\$ -
53 Services	\$ -	\$ 188,132.15	\$ 785,000.00	\$ 785,000.00	\$ -
56 Miscellaneous	\$ 3,141,176.43	\$ 3,234,705.12	\$ 2,940,000.00	\$ 2,940,000.00	\$ -
6802 POSTAGE METER FUND	\$ 25,504.19	\$ 22,679.35	\$ 85,000.00	\$ 85,000.00	\$ -
11102 Postage Meter	\$ 25,504.19	\$ 22,679.35	\$ 85,000.00	\$ 85,000.00	\$ -
53 Services	\$ 25,504.19	\$ 22,560.36	\$ 84,000.00	\$ 84,000.00	\$ -
54 Supplies and Materials	\$ -	\$ 118.99	\$ 1,000.00	\$ 1,000.00	\$ -
7220 HOTEL/MOTEL TAX FUND	\$ 575,983.58	\$ 739,489.70	\$ 700,000.00	\$ 700,000.00	\$ -
11015 Hotel/Motel Tax	\$ 575,983.58	\$ 739,489.70	\$ 700,000.00	\$ 700,000.00	\$ -
56 Miscellaneous	\$ -	\$ 367,368.59	\$ 350,000.00	\$ 420,000.00	\$ 70,000.00
59 Other Financing Sources	\$ 575,983.58	\$ 372,121.11	\$ 350,000.00	\$ 280,000.00	\$ (70,000.00)

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
7503	DUI INDIGENT FUND	\$ 67.00	\$ 67.00	\$ 62,500.00	\$ 12,500.00	\$ (50,000.00)
11020	Court	\$ 67.00	\$ 67.00	\$ 62,500.00	\$ 12,500.00	\$ (50,000.00)
53	Services	\$ -	\$ -	\$ 12,500.00	\$ 12,500.00	\$ -
54	Supplies and Materials	\$ 67.00	\$ 67.00	\$ -	\$ -	\$ -
59	Other Financing Sources	\$ -	\$ -	\$ 50,000.00	\$ -	\$ (50,000.00)
7504	STATE HIGHWAY PATROL TRA	\$ 98,611.82	\$ 60,175.70	\$ 80,000.00	\$ 60,000.00	\$ (20,000.00)
11032	State Highway Patrol	\$ 98,611.82	\$ 60,175.70	\$ 80,000.00	\$ 60,000.00	\$ (20,000.00)
56	Miscellaneous	\$ 49,305.90	\$ 30,087.86	\$ 40,000.00	\$ 30,000.00	\$ (10,000.00)
59	Other Financing Sources	\$ 49,305.92	\$ 30,087.84	\$ 40,000.00	\$ 30,000.00	\$ (10,000.00)
7506	UTILITY COLL. FUND	\$ 1,342,997.61	\$ 1,692,941.77	\$ 1,520,000.00	\$ 1,595,000.00	\$ 75,000.00
61816	Utility Collections	\$ 1,342,997.61	\$ 1,692,941.77	\$ 1,520,000.00	\$ 1,595,000.00	\$ 75,000.00
56	Miscellaneous	\$ 1,342,997.61	\$ 1,692,941.77	\$ 1,520,000.00	\$ 1,595,000.00	\$ 75,000.00
7507	MUN.PUB.IMPROV.TAX.INCR.EQUIV.	\$ 1,955,673.44	\$ 1,934,067.91	\$ 2,010,000.00	\$ 2,010,000.00	\$ -
51120	TIF	\$ 1,955,673.44	\$ 1,934,067.91	\$ 2,010,000.00	\$ 2,010,000.00	\$ -
53	Services	\$ 17,628.97	\$ 18,811.71	\$ 17,500.00	\$ 17,500.00	\$ -
56	Miscellaneous	\$ 1,938,044.47	\$ 1,915,256.20	\$ 1,992,500.00	\$ 1,992,500.00	\$ -
7508	JT. CEMETERY R.E. TAX FUND	\$ 238,979.67	\$ 273,806.51	\$ 258,000.00	\$ 258,100.00	\$ 100.00
11085	Fort Meigs Union Cemetery	\$ 238,979.67	\$ 273,806.51	\$ 258,000.00	\$ 258,100.00	\$ 100.00
53	Services	\$ 2,268.12	\$ 2,817.38	\$ 2,300.00	\$ 2,400.00	\$ 100.00
56	Miscellaneous	\$ 236,711.55	\$ 270,989.13	\$ 255,700.00	\$ 255,700.00	\$ -
7509	Levis Cmns/Prstn PI Sp Assess	\$ 425,099.92	\$ 197,098.02	\$ -	\$ -	\$ -
51090	Levis Commons Special Assessments	\$ 425,099.92	\$ 197,098.02	\$ -	\$ -	\$ -
53	Services	\$ 4,208.92	\$ 2,104.46	\$ -	\$ -	\$ -
56	Miscellaneous	\$ 420,891.00	\$ 194,993.56	\$ -	\$ -	\$ -
7510	IND DR INTERLOCK & ALC MONITOR	\$ 26,924.30	\$ 25,769.15	\$ 80,000.00	\$ 81,000.00	\$ 1,000.00
11025	Indigent Driver Alcohol Monitor	\$ 26,924.30	\$ 25,769.15	\$ 80,000.00	\$ 81,000.00	\$ 1,000.00
53	Services	\$ 26,924.30	\$ 25,769.15	\$ 30,000.00	\$ 31,000.00	\$ 1,000.00
56	Miscellaneous	\$ -	\$ -	\$ 50,000.00	\$ 50,000.00	\$ -
7511	MAT SURPLUS FUND	\$ -	\$ -	\$ 50,000.00	\$ 25,000.00	\$ (25,000.00)
11026	MAT Surplus	\$ -	\$ -	\$ 50,000.00	\$ 25,000.00	\$ (25,000.00)
53	Services	\$ -	\$ -	\$ 50,000.00	\$ 25,000.00	\$ (25,000.00)

Account Group		Full Year Expense Actual 2021	Full Year Expense Actual 2022	Full Year Expense Budget 2023	2024 Expense Budget	Difference
7512	ESID FUND	\$ 78,155.60	\$ 78,155.60	\$ 79,000.00	\$ 79,000.00	\$ -
51095	ESID Special Assessments	\$ 78,155.60	\$ 78,155.60	\$ 79,000.00	\$ 79,000.00	\$ -
53	Services	\$ 773.82	\$ 773.82	\$ 1,000.00	\$ 1,000.00	\$ -
56	Miscellaneous	\$ 77,381.78	\$ 77,381.78	\$ 78,000.00	\$ 78,000.00	\$ -
7810	UNCASHED CHECKS	\$ 75.00	\$ 103,272.19	\$ 15,000.00	\$ 6,600.00	\$ (8,400.00)
11761	Special Disbursements	\$ 75.00	\$ 103,272.19	\$ 15,000.00	\$ 6,600.00	\$ (8,400.00)
56	Miscellaneous	\$ 75.00	\$ 367.52	\$ 3,000.00	\$ 3,000.00	\$ -
59	Other Financing Sources	\$ -	\$ 102,904.67	\$ 12,000.00	\$ 3,600.00	\$ (8,400.00)
Grand Total		\$ 80,596,698.57	\$ 83,089,377.36	\$ 109,307,958.29	\$ 111,288,579.14	\$ 1,980,620.85

CITY OF
PERRYSBURG
2024 CAPITAL IMPROVEMENTS PLAN

DEPARTMENT	ITEM/PROJECT NAME	4403 - GENERAL CAPITAL FUND	2201 - STATE GRANTS	2223 - STREET CONSTRUCTION & REPAIR FUND	2233 - MOTOR VEHICLE LICENSE	2231 - GARBAGE AND REFUSE	2516 - LOCAL FISCAL RECOVERY FUND	2823 - FEDERAL SHARED PROCEEDS	5401 - WATER R&E FUND	5402 - SEWER R&E FUND
Service	Additional Resurfacing Project - City Portion in 2223 Fund, Grant Portion in 2201		\$ 175,000.00	\$ 366,558.00						
Service	Traffic Signals (4)			\$ 800,000.00						
Service	2024 Resurfacing Program			\$ 1,000,000.00	\$ 1,000,000.00					
Service	Refuse Truck - One Arm - replace #269, 12 yrs old					\$ 360,000.00				
Council	Additional ARPA Projects - TBD by Council						\$ 449,918.14			
Police	Law Enforcement Equipment							\$ 70,000.00		
Police	Detective Vehicles							\$ 90,000.00		
Information Technology	Network Hardware Replacement	\$ 15,000.00								
Information Technology	VMWare Backup Replacement Server	\$ 25,000.00								
City Wide	New Phone System Hardware	\$ 49,500.00								
City Wide	Baseball/Softball Field Shades (Municipal)	\$ 75,000.00								
City Wide	Bicentennial Parking Lots	\$ 175,000.00								
City Wide	Chapel Creek Drive	\$ 150,000.00								
City Wide	Conduit During Construction Projects	\$ 35,000.00								
City Wide	Courthouse Roof Replacement	\$ 250,000.00								
City Wide	Downtown Improvement Project Engineering	\$ 500,000.00								
City Wide	Orleans Park Path Construction	\$ 700,000.00								
City Wide	Parking Improvements (Second, Third, Walnut, Elm)	\$ 330,000.00								
City Wide	Resurfacing Municipal Basketball Courts	\$ 25,000.00								
City Wide	Resurfacing Rotary Tennis Courts	\$ 35,000.00								
City Wide	Rivercrest Restroom Fixtures	\$ 25,000.00								
City Wide	Sidewalk program	\$ 200,000.00								
City Wide	SR25 MUP Construction	\$ 300,000.00								
City Wide	White Road Subsurface Investigation	\$ 50,000.00								
City Wide	Municipal Building Architecture and Engineering	\$ 100,000.00								
City Wide	Hood Park Design	\$ 40,000.00								
Police	Four (4) New Marked Police Vehicles and Equipment	\$ 300,000.00								
Police	Dispatch Stations Update and Reconfiguration	\$ 35,000.00								
Police	Eight (8) Replacement Radios	\$ 40,000.00								
Police	Replacement Shotguns	\$ 25,000.00								
Fire	Equipment Mounts for New Engine	\$ 15,000.00								
Fire	LUCAS Devices (3)	\$ 50,000.00								
Fire	Training and Fitness Equipment	\$ 25,000.00								
Fire	Winch for New Engine	\$ 12,000.00								
Fire	EMS Cart/UTV	\$ 42,000.00								
Fire	St 38 Garage Door Replacement	\$ 36,000.00								
Service - Parks	JD Z Mower	\$ 20,000.00								
Service - Parks	Kubota Snow Blower/Mower (Replace, 12 yrs old)	\$ 55,000.00								
Service - Parks	Stump Grinder (Large)	\$ 95,000.00								
Service - Parks	Toro Dingo	\$ 70,000.00								

DEPARTMENT	ITEM/PROJECT NAME	4403 - GENERAL CAPITAL FUND	2201 - STATE GRANTS	2223 - STREET CONSTRUCTION & REPAIR FUND	2233 - MOTOR VEHICLE LICENSE	2231 - GARBAGE AND REFUSE	2516 - LOCAL FISCAL RECOVERY FUND	2823 - FEDERAL SHARED PROCEEDS	5401 - WATER R&E FUND	5402 - SEWER R&E FUND
Service - Streets	Tilt Trailer	\$ 10,000.00								
Service - Streets	F550 Bucket Truck (replace #225, 17yrs old)	\$ 225,000.00								
Service - Streets	Ford F250 PU 1C Body (replace #207, 11 yrs old)	\$ 60,000.00								
Service - Streets	Mechanics Truck	\$ 55,000.00								
Water/Sewer	Water/Sewer Pick-up Truck (2)								\$ 60,000.00	\$ 60,000.00
Water/Sewer	Building Improvements								\$ 50,000.00	\$ 50,000.00
Water	Controls at EBPS and SBPS								\$ 50,000.00	
Water	Fort Meigs Water Tower Interior Paint - Design								\$ 50,000.00	
Water	Front, Second, & Third Waterline Replacement - Design								\$ 125,000.00	
Water	Levis Commons Design and Construction								\$ 425,000.00	
Water	New East Boundary Pump Station Meter Chamber - Design								\$ 75,000.00	
Sewer	Flow Study Phase 2									\$ 500,000.00
Sewer	Pump Station Assesment									\$ 100,000.00
WWTP	Trojan Technologies (UV Inventory parts)									\$ 75,000.00
WWTP	SUV (Manager/Asst. Manager, plus staff training)									\$ 60,000.00
WWTP	Clearspan (Cover BioSolids)									\$ 425,000.00
WWTP	Digester Cover, Boiler, Heat Exchanger Project									\$ 5,000,000.00
WWTP	Primary Clarifier Design									\$ 1,500,000.00
WWTP	Golf Cart Replacement									\$ 13,000.00
Storm	Outfall Repair									\$ 50,000.00
Storm	Storm Water Utility									\$ 100,000.00
Storm	Watermill Phase 1 - Design									\$ 50,000.00
		\$ 4,249,500.00	\$ 175,000.00	\$ 2,166,558.00	\$ 1,000,000.00	\$ 360,000.00	\$ 449,918.14	\$ 160,000.00	\$ 835,000.00	\$ 7,983,000.00

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 133-2023

DATE: November 30, 2023



Subject Matter/Background

A Resolution authorizing the purchase of eight new portable radios for the Police Division.

In 2019, the Perrysburg Police Division switched to the Lucas County 800 MHz radio system. Police Division previously made the decision to accomplish the complete replacement of old radios on a rolling basis, rather than making one large purchase. The older radios can then be rotated into the bank of spare radios that are kept for large scale events.

Eight additional Motorola APX6000 radios and accompanying equipment and services will be purchased from Motorola Solutions, at a cost of \$38,842.24. The pricing of the radios is based on the current State of Ohio contract pricing.

Financial Review

The funds are available in line item 4403-21232-55999

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the three readings, waive the rules, and authorize this Resolution as an Emergency is recommended to ensure pricing and availability.

RESOLUTION 133-2023

A RESOLUTION AUTHORIZING A PURCHASE AGREEMENT WITH MOTOROLA SOLUTIONS, INC. FOR THE PURCHASE OF EIGHT (8) PORTABLE RADIOS FOR THE POLICE DIVISION IN AN AMOUNT NOT TO EXCEED THIRTY-EIGHT THOUSAND EIGHT HUNDRED FORTY-TWO DOLLARS AND TWENTY-FOUR CENTS (\$38,842.24); AND DECLARING AN EMERGENCY

WHEREAS, over time Police radios need to be updated or replaced to ensure that officers have the best communications equipment possible; and,

WHEREAS, the older radios are rotated into the bank of spare radios that are kept for large scale events; and,

WHEREAS, the Perrysburg Police Division has found it necessary to update their communications equipment and is in need of eight (8) new radios; and,

WHEREAS, the pricing for the eight (8) portable radios and accessories is Thirty-Eight Thousand Eight Hundred Forty-Two Dollars and Twenty-Four Cents (\$38,842.24), which is based on State of Ohio Term Contract# 21336 with Motorola Solutions, Inc.; and,

WHEREAS, this legislation went before the Safety Committee on November 28, 2023 and was approved 3-0 for advancement to City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. The Council hereby authorizes the Mayor and Director of Finance to accept the quote from Motorola Solutions, Inc. for the purchase of eight (8) Motorola portable radios and all necessary accessories thereof at a cost not to exceed Thirty-Eight Thousand Eight Hundred Forty-Two Dollars and Twenty-Four Cents (\$38,842.24), as outlined in the quote attached hereto and incorporated herein as Exhibit A.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to ensure officers continue to

have reliable communications for officer safety, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effer
LAW DIRECTOR



PERRYSBURG POLICE DIVISION, CITY OF

11/14/2023

11/14/2023

PERRYSBURG POLICE DIVISION, CITY OF
330 WALNUT ST
PERRYSBURG, OH 43551

Dear Chief Pat Jones,

Motorola Solutions is pleased to present PERRYSBURG POLICE DIVISION, CITY OF with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide PERRYSBURG POLICE DIVISION, CITY OF with the best products and services available in the communications industry. Please direct any questions to Alan Davis at alan.davis@pandrcommunications.com.

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

Alan Davis

Motorola Solutions Manufacturer's Representative

Billing Address:
PERRYSBURG POLICE
DIVISION, CITY OF
330 WALNUT ST
PERRYSBURG, OH 43551
US

Quote Date:11/14/2023
Expiration Date:01/13/2024
Quote Created By:
Alan Davis
alan.davis@
pandrcommunications.com

End Customer:
PERRYSBURG POLICE DIVISION, CITY
OF
Chief Pat Jones
Contract: 21336 - OHIO, STATE OF

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 6000 Series	APX6000				
1	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE	8	\$3,595.00	\$2,624.35	\$20,994.80
1a	QA01767AT	ADD: P25 LINK LAYER AUTHENTICATION	8	\$110.00	\$80.30	\$642.40
1b	Q667BB	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	8	\$0.00	\$0.00	\$0.00
1c	Q361AR	ADD: P25 9600 BAUD TRUNKING	8	\$330.00	\$240.90	\$1,927.20
1d	H38BT	ADD: SMARTZONE OPERATION	8	\$1,320.00	\$963.60	\$7,708.80
1e	Q58AL	ADD: 3Y ESSENTIAL SERVICE	8	\$184.00	\$184.00	\$1,472.00
1f	QA09113AB	ADD: BASELINE RELEASE SW	8	\$0.00	\$0.00	\$0.00
1g	Q806BM	ADD: ASTRO DIGITAL CAI OPERATION	8	\$567.00	\$413.91	\$3,311.28
2	LSV00Q00202A	DEVICE PROGRAMMING	8	\$113.00	\$113.00	\$904.00



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
3	PMMN4062AL	AUDIO ACCESSORY- REMOTE SPEAKER MICROPHONE,IMPRES RSM, NOISE CANC. EMERGENCY BUTTON 3.5MM JACK IP54	8	\$127.12	\$95.34	\$762.72
4	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115VAC, US/NA	8	\$186.50	\$139.88	\$1,119.04

Grand Total **\$38,842.24(USD)**

Notes:

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.





Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO)

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept

Ship To Contact Name & Phone #

Tax Exemption Status

Signatures (As required)

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Res 123-2023 & 124-2023

DATE: October 26, 2023



Subject Matter/Background

A Resolution authorizing the purchase of a Towmaster Trailer for DPU to be used by both Water and Sewer for maintenance and repairs.

The Trailer will be purchased from Murphy Tractor and Equipment Co. at a cost of \$52,986.40.

Financial Review

Trailer:

Account#: 5401-61814-55999 - \$24,084.35

Account#: 5402-61826-55999 - \$24,084.35

Legal Review

These resolutions have been reviewed and are appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the three readings, waive the rules, and authorize these Resolutions as Emergencies is appropriate. An Emergency is recommended to ensure the timely purchase and availability of the equipment.

RESOLUTION 124-2023

A RESOLUTION AUTHORIZING A PURCHASE AGREEMENT WITH MURPHY TRACTOR AND EQUIPMENT CO. FOR THE PURCHASE OF A TOWMASTER T-50LP TRAILER FOR THE PERRYSBURG DEPARTMENT OF PUBLIC UTILITIES IN AN AMOUNT NOT TO EXCEED FIFTY-TWO THOUSAND NINE HUNDRED EIGHTY-SIX DOLLARS AND FORTY CENTS (\$52,986.40); AND DECLARING AN EMERGENCY

WHEREAS, the Department of Public Utilities is in need of trailer to be utilized for operations and maintenance of the public utilities systems; and,

WHEREAS, the City is a member of Sourcewell, a national cooperative group for purchasing contracts; and,

WHEREAS, Sourcewell offers a cooperative purchasing relationship consistent with Ohio law, including O.R.C. § 9.48, and;

WHEREAS, under the Sourcewell Contract #092922-MNR, the quote for a Towmaster T-50LP Trailer is Fifty-Two Thousand Nine Hundred Eighty-Six Dollars and Forty Cents (\$52,986.40); and,

WHEREAS, this purchase is in the 2023 budget; and,

WHEREAS, the Public Utilities Committee of City Council considered this request at their November 29, 2023 meeting and unanimously recommended this legislation be forwarded to City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. The Mayor and Director of Finance are authorized to enter into a purchase agreement with Murphy Tractor and Equipment Co. for a Towmaster T-50LP Trailer at a cost not to exceed Fifty-Two Thousand Nine Hundred Eighty-Six Dollars and Forty Cents (\$52,986.40) in accordance with the proposal attached hereto as Exhibit A.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to ensure timely purchase and delivery, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

**JOHN DEERE**

Customer Purchase Agreement/Commitment to Lease for
John Deere Construction, Utility and Forestry
Products and Compact Construction Equipment - US
("Purchase Agreement")

PA#

PA Revision#

Customer Name: CITY OF PERRYSBURG

10057257

Original

PURCHASER NAME AND ADDRESS (First Signer)			
NAME(First, Middle, Last) CITY OF PERRYSBURG			
STREET or RR 140 W INDIANA AVE			
CITY PERRYSBURG	STATE OH	ZIP CODE 43551	COUNTY Wood
PHONE NUMBER 419-872-8025	EMAIL ADDRESS		
REWARDS # 980511273			
PURCHASER NAME AND ADDRESS (Second Signer)			
NAME(First, Middle, Last)			
STREET or RR			
CITY	STATE	ZIP CODE	COUNTY
PHONE NUMBER	EMAIL ADDRESS		
REWARDS #			

DEALER NAME AND ADDRESS			
DEALER NAME Murphy Tractor & Equipment		Dealer Account No. : 171923	
STREET or RR 9400 Bass Pro Blvd.			
CITY Rossford	STATE OH	ZIP CODE 43460	Phone Number 833-910-4475
Date Of Order: Nov 14, 2023			
Dealer Order No.:		TYPE OF SALE: ☒ CASH ☐ LEASE ☐ TIME SALE	
PURCHASER TYPE: 5 City/Town/Village		MARKET USE CODE: 82 Gas/Water/Electric	
Add Purchaser to Mailing List (Check One or More) ☐ Construction ☐ CCE ☐ Utility ☐ Forestry ☐ Government			
PURCHASER IS: ☒ Business ☐ Individual		Purchaser Acct.:	
☐ SOCIAL SECURITY ☐ IRS TAX ID NO ☐ EIN NO.:			

EXTENDED WARRANTY IS: ☐ Accept ☒ Decline		LOCATION OF FIRST WORKING USE : Use State/Province: OH COUNTY CODE: 173					
(Initials) _____		Use County WOOD					
Ultimate Uptime Package Purchase: ☐ Yes ☒ No		(Initials) _____					
QTY	NEW DEM O	RENT UNIT	USED	EQUIPMENT (Model, Size, Description)	Hours of Use	PIN or Serial Number	Delivered Cash Price
1	x			2023 TOWMASTER T-50LP	0		
				- DECLINED :John Deere Preventative Maintenance :			
				- DECLINED :John Deere Extended Warranty :			
						(1) TOTAL CASH PRICE	\$ 50,891 40

QTY	TRADE-IN (Model, Size, Description)	Hours of Use	PIN or Serial Number	AMOUNT
COMMENTS:			(2) TOTAL TRADE-IN ALLOWANCE	\$ 0 00
			(3) TOTAL TRADE-IN PAY-OFF	\$ 0 00
			(4) BALANCE	\$ 50,891 40
			(5) Factory Freight	\$ 2,095 00
			(6) SUBTOTAL	\$ 52,986 40
			(7) RENTAL APPLIED	\$ 0 00
			(8) CASH WITH ORDER	\$ 0 00
			(9) BALANCE DUE (6-(7 & 8))	\$ 52,986 40

**JOHN DEERE****Customer Purchase Agreement/Commitment to Lease for PA#****10057257****John Deere Construction, Utility and Forestry****PA Revision#****Original****Products and Compact Construction Equipment - US****Customer Name: CITY OF PERRYSBURG****Quote ID: 29957713****("Purchase Agreement")**

ACKNOWLEDGMENTS: Purchaser offers to sell, transfer, and convey the item(s) listed as "Trade In" to the Dealer at or prior to the time of delivery of the above product(s), as a "trade-in" to be applied against the cash price. Purchaser represents that each "trade-in" item shall be free and clear of all security interests, liens, and encumbrances at the time of transfer to the Dealer except to the extent shown below. The price to be allowed for each "trade-in" item is listed on this document. The Purchaser promises to pay or otherwise satisfy the Balance Due (line 9) shown hereon in cash, or to execute a Retail Installment Contract, Rental Purchase Option Contract, Lease Agreement or other security agreement for the Balance Due for the Equipment, plus additional charges shown thereon, on or before delivery of the Equipment ordered herein. Despite delivery of the Equipment to the Purchaser, title to the Equipment shall not pass to the Purchaser until the Balance Due is paid or is otherwise satisfied in full for Equipment purchases. For Equipment leases and rentals, title to the Equipment shall not pass to the Purchaser. The Purchaser and the Dealer agree that this Purchase Agreement is not a security agreement and that delivery of the Equipment to the Purchaser pursuant to this Purchase Agreement will not constitute possession of the Equipment by the Purchaser, as a debtor, for the purposes of the purchase money security provisions in any statutes relating to personal property security or its equivalent. Purchaser understands that its rights in connection with this transaction are limited as set forth in this Purchase Agreement.

The Purchaser(s) and the Dealer acknowledge that while this document is defined herein as a "Purchase Agreement", it serves as both a purchase agreement for the Equipment and/or a commitment to lease the Equipment. In addition, the defined term "Purchaser" extends to and includes both a purchaser of the Equipment and/or a lessee of the Equipment. Furthermore, this Purchase Agreement is deemed to constitute a "Purchase Order" or a "Customer Purchase Order for John Deere Construction, Utility and Forestry Products and Compact Construction Equipment" for the purposes of any other John Deere documents, including, without limitation, any dealer terms schedules.

USE OF INFORMATION/PRIVACY NOTICE (U.S.):

I understand that John Deere Construction & Forestry Company and its affiliates ("John Deere") and Dealer collect information, including my personal information and machine data to provide warranty, customer service, product and customer support, marketing and promotional information about Dealer, John Deere and their equipment, products and services and to support other business processes and purposes. See the John Deere Privacy Statement (<https://www.deere.com/en/privacy-and-data/privacy-statements/>) for additional information on the types of personal information and machine data John Deere collects, how it is collected, used and disclosed. See Dealer directly for information about its privacy policy.

DISCLOSURE OF REGULATION APPLICABILITY: When operated in California, any off-road diesel vehicle may be subject to the California Air Resources Board In-Use Off-Road Diesel Vehicle Regulation. It therefore could be subject to retrofit or accelerated turnover requirements to reduce emissions of air pollutants. More information is available on the California Air Resources Board website at <http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm>.

IMPORTANT WARRANTY NOTICE: The Standard Warranty for new John Deere construction, utility, forestry and compact construction products is set forth in a separate document the Dealer will provide to the Purchaser. Please read the Standard Warranty carefully before signing. No express warranty is made unless specified in the Warranty Statement. PURCHASER'S RIGHTS AND REMEDIES PERTAINING TO THIS TRANSACTION ARE LIMITED AS INDICATED IN THE STANDARD WARRANTY AND PURCHASE AGREEMENT. WHERE PERMITTED BY LAW, NO IMPLIED WARRANTY OF MERCHANTABILITY, CONDITIONS OR FITNESS IS MADE.

TELEMATICS:

Orders of telematic devices include only the hardware. Where available, telematics software, including JDLink™ connectivity service, may be enabled from your local John Deere Operations Center or JDLink website. Please see your authorized John Deere dealer for assistance.

The undersigned purchaser(s) (the "Purchaser") hereby orders the product(s) (the "Product") described above from the Dealer. The Dealer shall not be liable for failure to provide the Product or for any delay in delivery if such failure or delay is due to the Dealer's inability to obtain such Product from the manufacturer or supplier or other cause beyond the Dealer's control. The cash price shown above is subject to the Dealer receiving the Product from the manufacturer or supplier prior to any change in price by the manufacturer or supplier and is also subject to any new or increased taxes being imposed upon the sale of the Product after the date of this Purchase Order.

Purchaser's signature below acknowledges the Purchaser has received a copy of the Standard Warranty, Version (Initials) and understands its terms and conditions.

Purchaser (First Signer)	CITY OF PERRYSBURG	Signature		Date	
Purchaser (Second Signer)	 	Signature		Date	
Dealer Representative	Murphy Tractor & Equipment	Signature		Date	
Salesperson	JOHNSON, TIM	Signature		Date	

DELIVERY ACKNOWLEDGEMENT	Delivered with Operator's Manual On: 	Purchaser Signature
---------------------------------	---	---------------------

PBing



Reference No.
QT 81934

QUOTATION

Ship To: CITY OF PERRYSBURG CONTRACT# 092922-MNR PERRYSBURG OH 55355 USA	Cust: 11 Phone: ATTN: TIM JOHNSON 419-304-8247	Bill To: MONROE TOWMASTER (SOURCEWELL) CONTRACT# 092922-MNR 61381 US HWY 12 LITCHFIELD MN 55355	Phone:
--	--	--	-----------------------

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	ANNA JOHNSON	CASH IN ADVANCE	9/22/23	9/22/23	0/00/00
Serial No.		Discounts: 16%	%	%	%

Build Instructions City of Perrysburg
Perrysburg, Ohio
Account # 60814

Qty	Feature	Description	List
1	Base Model - T-50LP		\$57,170.00
24	Deck Length - IN FEET		
24	Decking Type - 2" Nominal Oak		
	Width - 102" Wide		
1	Beavertail - 5' Cleated Style		
3	Axles - 25K Oil Bath, Spring Ride, 49" Spread		
3	Brakes - Air Brakes 2S/1M SENSOR ON 1 AXLE		
12	Tires - 215/75Rx17.5(H)		
12	Wheels - 8 Bolt, Outboard, Hub Piloted, Steel		
1	Jack - 25K 2 Speed		
1	Lights - L.E.D.		
1	Plug - 7 Pole Round		
1	Hitch/Neck - 3" Pintle		
2	Ramps - 6' x 36" Air Operated Cleated Style Ramps		\$3,415.00
1	Ramp Color - Match Trailer		

*** Continued ***

NOTE: If changes are made to an order after a P.O. has been issued, a fee may be assessed and a revised or new P.O. MUST BE submitted to reflect changes.

FET required on all trailers with a GVWR OF 26,000 lbs or more.

Accepted by _____ Date _____

Price:
Total Discounts:
Net Cost:

Freight
Material Surcharge:
Fuel Surcharge:
Total Due:



Reference No.
QT 81934

QUOTATION

Ship To:	Cust:	11	Phone:	Bill To:	Phone:
CITY OF PERRYSBURG				MONROE TOWMASTER (SOURCEWELL)	
CONTRACT# 092922-MNR				CONTRACT# 092922-MNR	
				61381 US HWY 12	
PERRYSBURG		OH 55355	USA	LITCHFIELD	MN 55355

ATTN: TIM JOHNSON 419-304-8247

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	ANNA JOHNSON	CASH IN ADVANCE	9/22/23	9/22/23	0/00/00
Serial No.		Discounts:	16%	%	%
Qty	Feature	Description			List
1	Trailer Color - Equipment	Black			
10	Tie Downs - D-Rings				
	Freight				\$2,095.00

NOTE: If changes are made to an order after a P.O. has been issued, a fee may be assessed and a revised or new P.O. MUST BE submitted to reflect changes.

FET required on all trailers with a GVWR OF 26,000 lbs or more.

Accepted by _____ Date _____

Price:	\$60,585.00
Total Discounts:	\$9,693.60
Net Cost:	\$50,891.40
Freight	\$2,095.00
Material Surcharge:	
Fuel Surcharge:	
Total Due:	\$52,986.40

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Res 134-2023

DATE: November 30, 2023



Subject Matter/Background

A Resolution for a Vactor Truck for the Dept. Of Public Utilities. These trucks are used to vacuum up both wet and dry materials from the sewers during maintenance and repairs.

The Excavator will be purchased from Jack Doheny Companies Inc. at a cost of \$610,617.00. The pricing for the truck is under Sourcewell Contract.

Financial Review

Accounts#: 5401-61814-55999 & 5402-61825-55999

Legal Review

These resolutions have been reviewed and are appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the three readings, waive the rules, and authorize this Resolution as an Emergency is appropriate to ensure pricing.

RESOLUTION 134-2023

**A RESOLUTION AUTHORIZING A PURCHASE AGREEMENT
WITH JACK DOHENY COMPANIES INC. FOR THE PURCHASE OF
A VACTOR MODEL 2115I TRUCK FOR THE DEPARTMENT OF
PUBLIC UTILITIES IN AN AMOUNT NOT TO EXCEED SIX
HUNDRED TEN THOUSAND SIX HUNDRED SEVENTEEN
DOLLARS AND ZERO CENTS (\$610,617.00); AND DECLARING AN
EMERGENCY**

WHEREAS, the Department of Public Utilities is in need of an Vactor Model 2115i Truck for sewer maintenance purposes; and,

WHEREAS, the City is a member of Sourcewell, a national cooperative group for purchasing contracts; and,

WHEREAS, Sourcewell offers a cooperative purchasing relationship consistent with Ohio law, including O.R.C. § 9.48, and;

WHEREAS, under the Sourcewell Contract #1101221.VTR, the quote for a Vactor Model 2115i Truck is Six Hundred Ten Thousand Six Hundred Seventeen Dollars and Zero Cents (\$610,617.00); and,

WHEREAS, this purchase is in the 2023 budget; and,

WHEREAS, the Public Utilities Committee of City Council considered this request at their November 29, 2023 meeting and unanimously recommended this legislation be forwarded to City Council.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY
OF PERRYSBURG, WOOD COUNTY, OHIO:**

SECTION 1. The Mayor and Director of Finance are authorized to enter into a purchase agreement with Jack Doheny Companies INC. for a Vactor Model 2115i Truck at a cost not to exceed Six Hundred Ten Thousand Six Hundred Seventeen Dollars and Zero Cents (\$610,617.00) in accordance with the proposal attached hereto as Exhibit A.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to ensure timely purchase and delivery, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

September 18,2023

TO: Brian Homer- Perrysburg Utilities

FROM: Jim Balogh- Jack Doheny Company

RE: - Vactor Model 2115i RDB PD, KW 880T 455HP Auto.

Brian,

Hope all is well and pursuant to our most recent conversation and subsequent meetings with your Sewer Maintenance Staff members it was determined the following calculation to be appropriately adjusted to meet your needs in the future and growth in the City of Perrysburg. Delivery of the represented Vactor unit to be mid third quarter 2024, We would hold the adjusted pricing as indicated with a simple Letter of Intent knowing the municipal purchasing process ultimately protecting delivery price.

Following your request of future interest based on chassis manufacturers and Federal Signals Vactor Manufacturing products we knowledgeablely estimated product increases in 2024 to be nearing 1.5% to 3.5% quarterly. In 2025 the increases are anticipated to be 2.5% to 5.5% and all have been made aware the USEPA forecasting between \$15,000.00 to 17,500.00 increase for additional diesel engine emission up charges to be expected.

Therefore, current proposal # 18954 dated 9/29/23 will be recalculated as follows:

Sourcewell Contract Reference 101221.VTR dated 8/29/23 Price: \$ 621,330.00

Delete the following from the proposal:

- | | |
|---|---------------------|
| • P/N 018i- Pendant Control with 35 feet cable- | deduct \$ 1,682.00. |
| • P/N 1015iBA- Folding Pipe Rack, Rear Door- | deduct \$ 1,337.00. |
| • P/N 2004i- Continuous Fill System— | deduct \$ 2,194.00. |
| • Freight and PDI- | deduct \$ 3,500.00. |
| • Field Training- | deduct \$ 2,000.00. |
| TOTAL DEDUCTIONS- | \$10,713.00 |

NEW PROPOSAL PRICE \$610.617.00

Simply put, to delay a purchase at this offered opportunity would cost Perrysburg Utilities a substantially more costly built unit meeting these specifications in the future. Should you have any questions whatsoever, please don't hesitate to contact me at your earliest opportunity.

Regards:

Jim Balogh-Marketing Specialist-Midwest Region



ORDER DATE:	12-21-2022
SALES ORDER:	4765187
WORK ORDER:	21687486
PRICE LIST DATE:	09-05-2022
SERIAL:	
BMI QUOTE:	2022-51029

BUILD SPECIFICATION ACKNOWLEDGEMENT

SHIP TO: 105534
 JACK DOHENY COMPANIES INC TWINSBURG OH
 1860 SUMMIT COMMERCE PARK

TWINSBURG, OH 44087-2300
 United States

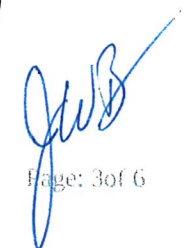
END CUSTOMER:89984928 PERRYSBURG

				QUOTE	
				2022-51029	
			SALES REGION		
			390 - Larson		
QTY	PART NUMBER	DESCRIPTION			
1	2115i-16	2100i PD, 16" Vacuum, 15 yrd Debris, Combo			
1	2018i	Additional Water, 1500 Gal Total			
1	5002iA	80 GPM/2500 PSI Jet Rodder pump			
1	011iSTD	Aluminum Fenders			
1	012iSTD	Mud Flaps			
1	014iSTD	Electric/Hydraulic Four Way Boom			
1	016iSTD	Color Coded Sealed Electrical System			
1	019iASTD	Intuitouch Electronic Package			
1	020iSTD	Double Acting Hoist Cylinder			
1	025iASTD	Handgun Assembly			
1	026iSTD	Ex-Ten Steel Cylindrical Debris Tank			
1	030iSTD	Flexible Hose Guide			
1	032iSTD	(3) Nozzles with Carbide Inserts w/Rack			
1	045iSTD	Suction Tube Storage			
1	046iSTD	1" Nozzle Pipe			
1	048iSTD	10' Leader Hose			
1	1001iSTD	Flat Rear Door w/Hydraulic Locks			
1	1005iSTD	Dual Stainless Steel Float Shut Off System			
1	1016iSTD	Microstrainer Prior to Blower			
1	1024iSTD	Debris Body Vacuum Relief System			
1	1031iSTD	Debris Deflector Plate			
1	1033iSTD	60" Dump Height			

[Handwritten signature]

1	1041iSTD	Debris Body-Up Message and Alarm
1	2001iSTD	Low Water Indicator On Screen w/Alarm and Water Pump Flow Indicator
1	2011iSTD	3" Y-Strainer at Passenger Side Fill with 25' Fill Hose
1	2022iSTD	Additional Water Tank Sight Gauge
1	2023iSTD	Liquid Float Level Indicator
1	3019iSTD	Digital Water Pressure Gauge
1	4000iSTD	180 deg. Non-Extending Boom
1	4006iSTD	Front Joystick Boom Control
1	4010iSTD	Boom Hose Storage
1	4017iSTD	Boom Out of Position Message and Alarm
1	5011iSTD	3" Y-Strainer @ Water Pump
1	5015iSTD	Midship Handgun Coupling
1	5022iSTD	Side Mounted Water Pump
1	6005iDSTD	Digital Hose Footage Counter
1	6007iSTD	Hose Reel Manual Hyd Extend/Retract
1	6009iSTD	Hose Reel Chain Cover
1	6020iBSTD	Hydraulic Extending 15", Rotating Hose Reel, 1" x 800' Capacity
1	6017iSTD	Hydraulic Tank Shutoff Valves
1	7001iSTD	Tachometer/Chassis Engine w/Hourmeter
1	7003iSTD	Water Pump Hour Meter
1	7004iSTD	PTO Hour Meter
1	7005iSTD	Hydraulic Oil Temp Alarm
1	7007iSTD	Tachometer & Hourmeter/Blower
1	8000iSTD	Circuit Breakers
1	8025iSTD	LED Lights, Clearance, Back-up, Stop, Tail & Turn
1	9002iSTD	Tow Hooks, Front
1	9002iSTD	Tow Hooks, Rear
1	9003iSTD	Electronic Back-Up Alarm
1	S390BSTD	7" Vacuum Pipe Package
1	S560STD	Emergency Flare Kit
1	S590STD	Fire Extinguisher 5 Lbs.
1	010i	• Operator Station Curbside Toolbox with Lighting
1	1003i	• Debris Body Washout
1	1008i	• 6" Rear Door Knife Valve w/Camloc, 3:00 position
1	1009iB	• Internal Body Screen
1	1010iB	• Pump Off Ports and Programming
1	1014i	• Centrifugal Separators (Cyclones)
1	1015iG	• Folding Pipe Rack, Curbside, 7" Pipe
1	1015iAB	• Folding Pipe Rack, Streetside, 7" Pipe
1	1015iBKSTD	• Fixed Rear Door Pipe Rack, 7" Pipe
1	1016iASTD	• Subframe Mounted, 2-Pipe Rack, 7"
1	1022i	• Rear Door Splash Shield
1	1023i	• Lube Manifold, with Lube Chart
1	1025i	• Flat Rear Door Ports
1	2006i	• Air Purge
1	3015i	• Front Blower Controls
1	3020i	• Digital Water Level Indicator
1	3021i	• Digital Debris Body Level Indicator Tied to Vacuum Relief
1	4016i	• 180 deg. 10' x 15' Rapid Deployment Boom
1	4011iB	• Bellypack Wireless Controls with hose reel controls, 2-way communications, and LCD Display
1	4013i	• Rotatable Boom Inlet Hose
1	4016iA	• Heavy Duty RDB Hose
1	5008iB	• Cold Weather Recirculator, PTO Driven, 25 GPM
1	5010iA	• Rodder System Accumulator - Jack Hammer on/off Control at Hose Reel
1	5015i	• Handgun Couplers, Front and Rear

1	5019i	Chassis Engine Cooling Package
1	5021iC	Hydro Excavation Kit - Includes Lances w/ Shield, Nozzles, Storage Tray, and Vacuum Tube
1	5029i	Cyclone Washout System
1	5029iA	RDB Washout Coupling
1	6002iB	600' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD
1	6004iB	Hose Wind Guide (Dual Roller), Auto, Indexing
1	6004iD	Rodder Hose Pinch Roller
1	6013i	Hydraulic Tool Package
1	6014i	High Pressure Hose Reel
1	6019i	Rodder Pump Drain Valves
1	6019iA	Final Filter and Silencer Ball Valve Drains
1	6031i	Front Hose Reel Tool Storage
1	8001iM	Rear Directional Control, LED Arrowstick
1	8002iA	Wireless, Waterproof, Rechargeable, Handheld, LED Spot Light w/12V Charger
1	8020iL	14 Light Package, 14 Federal Signal Strobe Lights, LED
1	8027i	LED Mid-Ship Turn Signals
1	8028i	Worklights (2), LED, Boom
1	8029i	Worklights (2), LED, Rear Door
1	8029iA	Worklight, LED, Operators Station
1	8029iB	Worklight, LED, Hose Reel Manhole
1	8029iC	Worklight, LED, Curb Side
1	8029iD	Worklight, LED, Street Side
1	9021iB	Camera System, Front, Rear and Both Sides
1	9023i	Safety Cone Storage Rack - Drop in Style
1	9023iC	Additional Safety Cone Storage Rack - Post Style
1	9027iA	Chassis Engine DPF Soot Load Information
1	9070iA	Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/(2) LED Side Markers
1	9070iB	Long Handle Tool Storage
1	9074iA	Toolbox, Driver Side Subframe, 18w x 24h x 24d
1	9071iEL	Toolbox, Behind Cab - 16w 30h x 96d - with Lighting
1	9072iBL	Toolbox, Driver Side Chassis Frame, 24w x 24h x 24d - with Lighting
1	i112STD	Module Paint, DuPont Imron Elite - Sanded Primer Base
1	i124NB	Vactor 2100i Body Decal, Navy Blue
1	LOGO-APPL.	Vactor/Guzzler Logos - Applied
1	500655B-30	Vactor Standard Manual and USB Version - 1 + Dealer
1	500655-30	1 Printed Full Vactor Manual
1	Chassis- Mod	Chassis Modifications
1	PSKT450A-E	Tandem Axle, 2024 Kenworth T880 6x4, 450 HP, Auto, 66,000 GVWR, GHG

Module Paint Match Cab - Yes ✓
Module Paint Color - White ✓
Module Paint Color Code - N0006 White ✓
Cab Color -White ✓
Chassis Year - 2024 ✓
Chassis Make - KENWORTH ✓
Chassis Model -T880 6X4 ✓
Chassis VIN -
Certified Unit Weights - Yes

JDC Supplied Add On's: Internally Mounted Trash Pump, (1) 1" - 80 GPM @ 2500 PSI - 3" General Purpose Nozzle, (2) 7" x 60" Vacuum Pipe Weldments, (1) 7" x 36" Vacuum Pipe Weldment, & (1) 7" x 8" Flanged Transition Adapter
Paint Notes:
Spare Parts Notes:
Special Delivery Requirements:
Other Notes: Mount hose reel as high as possible

-local

PSH
gib

(5)


Page: 5 of 6

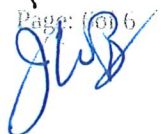

This Build Specification Acknowledgement indicates exactly how this order was placed. PLEASE CHECK THIS ACKNOWLEDGEMENT CLOSELY, AND, IF THE ORDER HAS BEEN ENTERED CORRECTLY, SIGN AND DATE BELOW.

Please notify JDC immediately if there is a discrepancy between our order acknowledgement and the intended order. Notification of discrepancy is expected within 14 days of Build Specification Acknowledgement receipt.

BY: _____

DATE: _____

(6)


Page: (6)


TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 135-2023

DATE: December 01, 2023



Subject Matter/Background

Sanitary Sewers in older parts of the city are in poor condition due to age, tree roots, and original construction methods. Sanitary sewers have circumferential or longitudinal cracks that allow clear water to enter the sanitary sewer leading to basement backups as well as overflows into Grass Creek or the Maumee River. The City is required to eliminate the Emergency Response Sanitary Sewer Overflow to Grassy Creek at Maple Street up to a 10-yr design storm. This Project includes about 5900 feet of sewer lining in 10, 12, 15, and 27 inch sizes of existing sanitary sewer as well as restoring service connections, point repairs, precleaning, bypass pumping during the lining process, and maintenance of traffic.

Financial Review

Account # - 5402-61826-55999

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the rules, waive the three readings and pass this legislation as an emergency is appropriate to ensure timely signing of agreements.

RESOLUTION 135-2023

A RESOLUTION AUTHORIZING AWARD OF THE BID AND AGREEMENT WITH INSITUFORM TECHNOLOGIES USA, LLC, IN AN AMOUNT NOT TO EXCEED ONE MILLION SEVEN HUNDRED SIXTY-EIGHT THOUSAND SIX HUNDRED DOLLARS AND THIRTY-NINE CENTS (\$1,768,600.39) FOR THE GRASSY CREEK SEWER LINING PROJECT; AND DECLARING AN EMERGENCY

WHEREAS, the Department of Public Utilities has determined that certain sanitary sewers in the City are in poor condition due to age, tree roots, and original construction methods which have resulted in basement backups, and overflows into Grassy Creek and the Maumee River ; and

WHEREAS, the City is working towards the elimination of the Emergency Response Sanitary Sewer Overflow to Grassy Creek located at Maple Street and replace the lining which includes installation of new piping as well as the restoration of existing sewer apparatus will assist with the elimination project; and

WHEREAS, the City issued a bid package which contained all relevant specifications and requirements for the project, which acknowledged that the City was authorized to waive minor irregularities in bidding which did not affect the fairness of the process, and pursuant to which the City would accept the lowest and best bid for the required work; and

WHEREAS, the City of Perrysburg received two bids and the bid received from Insituform Technologies USA, LLC provided the lowest and best bid for the proposed work, and they have the equipment, expertise, personnel, and knowledge to perform the required work; and

WHEREAS, the cost for the project is One Million Six Hundred Seven Thousand Eight Hundred Eighteen Dollars and Fifty-Four Cents (\$1,607,818.54), with the City Engineer requesting a 10% contingency, leaving the total cost of the project at an amount not to exceed One Million Seven Hundred Sixty-Eight Thousand Six Hundred Dollars and Thirty-Nine Cents (\$1,768,600.39); and,

WHEREAS, the Public Utilities Committee, at its meeting held November 29, 2023, approved, by a 3-0 vote, advancement of this bid award to City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. City Council authorizes the award of the Bid to Insituform Technologies USA, LLC for the Grassy Creek Sewer Lining Project; and the Mayor and Director of Finance are authorized to enter into an Agreement with Insituform

Technologies USA, LLC for this Project at a cost of One Million Six Hundred Seven Thousand Eight Hundred Eighteen Dollars and Fifty-Four Cents (\$1,607,818.54) as outlined in the quote attached hereto and incorporated herein as Exhibit A, and the Mayor and Director of Finance are further authorized to approve all change orders considered necessary to this project in an amount not to exceed ten percent (10%) for a total project amount not to exceed One Million Seven Hundred Sixty-Eight Thousand Six Hundred Dollars and Thirty-Nine Cents (\$1,768,600.39).

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, as the bid award is only valid for sixty (60) days, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED: _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

General Info

Total:

\$1,607,818.54

Number	Description
Grassy Creek Interceptor Rehabilitation	The City of Perrysburg hereby invites qualified firms to provide all labor & materials to rehabilitate selected segments of the Grassy Creek Interceptor. Rehabilitation shall include cleaning and televising approximately 8,465 LF of existing sewers, testing and grouting sewer pipe joints and laterals, lateral point repairs, installation of approximately 8,465 LF of cured-in-place liners, post construction inspection and televising approximately 8,465 LF of sewers and other incidentals.
Deadline	
11/22/2023 02:00 PM EST	
Vendor	
Insituform Technologies USA, LLC	This contract is subject to the provision of Davis Bacon Prevailing Wage Rates. The subsequent contract will require certificates of insurance and may require performance and payment bonds.
Submitted	
11/22/2023 10:13 AM EST	There will be a mandatory prebid meeting held on November 15,2023 at 9:00 am in Council Chambers of the Perrysburg Municipal Building located at 201 West Indiana Avenue, Perrysburg, Ohio 43551. Bids will not be accepted from any bidders that are not in attendance at the prebid meeting.
Signed by	
Janet Hass Account Holder Janet Hass	In order to be considered responsive, the contractor and all subcontractors will need to comply with City Ordinance 08-2023 which was passed in April of 2023. A copy of the Ordinance 08-2023 is included in the attachment list.
Opened	
11/22/2023 02:01 PM EST	Engineering Estimate for the entire project: \$ 1,734,000
By	
bthomas@ci.perrysburg.oh.us	Final Completion: June 30, 2024
	Allows zero unit prices and labor
	Yes
	Allows negative unit prices and labor
	Yes

Ordinance 08-2023 Confirmation Statement

I confirm, in accordance with the wage and fringe benefit requirements set from in O.R.C. 4115.03(E), that my company, bidding on this City of Perrysburg project, meets the following standards (select either Yes or No):

Statement #1 *

The bidder provides healthcare benefits to its employees as a standard part of its compensation package and not only on projects subject to a state or federal prevailing wage requirement.

Statement #1 Answer *

Yes

Statement #2 *

The bidder provides retirement benefits to its employees as a standard part of its compensation package and not only on projects subject to a state or federal prevailing wage requirement.

Statement #2 Answer *

Yes

Statement #3 *

The bidder hires employees who have done one of the following

Statement #3 Answer *

Yes

In addition to the above, the bidder certifies they will comply with all provisions of the City of Perrysburg Code 252.052. Please refer to the copy of Ordinance 08-2023 in the attached document list for additional details.

Failure of a bidder to comply with 252.052 due to the lack of submission of the above confirmations or bidder's failure to affirmatively meet the above standards, shall result in the bidder being considered non-responsive.

Signature *

Janet Hass

Title *

Contracting and Attesting Officer

Bidder Company Name *

Insituform Technologies USA, LLC

Date *

11/22/2023

The above signature hereby certifies, by signing and submitting this form, they have the ability to contract on behalf of the company and understand the implications of the failure to comply with the City of Perrysburg code 252.052.

Attachment List

Ordinance 8-2023 Signed.pdf (759 KB)
Ordinance 08-2023

Grassy Creek Interceptor Rehabilitation Rev 5.kmz (42.7 KB)
KMZ File of Proposed Work

2_LegalNotice.pdf (115 KB)
Legal Advertisement

4_InstructionstoBid-FY21.pdf (140 KB)
Instruction to Bidders

5_General Conditions.pdf (229 KB)
General Conditions

6_Specs_FY21.pdf (404 KB)
Supplemental Specifications

7_Insurance Requirements.pdf (133 KB)
Additional Requirements

Full Spec Set 6-26-23.pdf (10.9 MB)
Technical Specifications

Davis Bacon Prevailing Wage Information.pdf (183 KB)
Davis Bacon Prevailing Wage Rates

8_ContractForm_FY21.pdf (657 KB)
Contract Forms (For Reference Only)

Scope of Work Table - Addendum.pdf (514 KB)
Updated Pipe Table

Addendum 1.pdf (166 KB)
Addendum No. 1

11-15-23 Pre-Bid Meeting Sign In.pdf (1.04 MB)
Pre Bid Meeting Sign In Sheet

Minutes from Pre-Bid - Grassy Creek Liner .pdf (155 KB)
Pre Bid Meeting Minutes

01021 - Allowances Rev1.pdf (140 KB)
Allowances - Technical Specifications

Naming for Reports.pdf (392 KB)
Chart conversion for Manhole Names

pdf of google earth screen shots.pdf (10.1 MB)
Google Earth Screen Shots for Printing Purposes

Proposal

BID

Proposal of: *

Insituform Technologies USA, LLC

(hereinafter called "Bidder"), organized and existing under the laws of the State of *

Delaware

doing business as *

"a corporation"

submitted to The City of Perrysburg (hereinafter called "Owner").

In compliance with the Advertisement for Bids, the Bidder hereby proposes to perform all Work for the construction of: *

Grassy Creek Interceptor Rehabilitation

in strict accordance with the Contract Documents, within the time set forth therein, and accept as compensation therefore the sum of (in words): *

One Million Six Hundred Seven Thousand Eight Hundred Eighteen and 54/100s

\$ (in currency): *

\$1,607,818.54

;however, the final amount will be controlled by the following unit prices and no payments shall exceed the total unit prices for said work. The Bidder agrees to accept the following unit prices for any addition or deductions caused by any change or alterations in the plans or specifications of the work.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to his own organization, that: 1) this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor; 2) they do not have an unresolved finding for recovery issued by the Auditor of State, in accordance with Section 9.24 of the Ohio Revised Code; and 3) they do not have an active exclusion shown in the Federal System of Award Management (SAM).

The Bidder hereby agrees to commence work under this contract on or before a date to be specified in the Notice to Proceed and to complete the project on/before the date specified. The Bidder further agrees to pay as liquidated damages, the sum of \$400 for each consecutive calendar day thereafter as provided in the General Conditions.

The Bidder acknowledges receipt of the following Addendum (Type N/A if not applicable):

Addenda #: *

1 (one)

Addenda Date: *

11/15/2023

The Bidder acknowledges that 1) they have not received nor relied upon any representations or warranties of any nature whatsoever from the Owner, its officers, employees, or agents; 2) they are responsible for verifying the current prevailing wage rates and requirements according to Chapter 4114 of the Ohio Revised Code; 3) upon contract award, they will be required to sign an affidavit indicating whether or not they have delinquent personal property taxes on the General Tax List of Personal Property of Wood County, Ohio, in accordance with Section 5719.042 of the Ohio Revised Code.

In submitting this Bid, it is understood it may be withdrawn prior to the scheduled closing time for the receipt of bids, but that the Bidder may not withdraw its Bid after the actual opening thereof.

On acceptance of this Bid, the Bidder does hereby bind itself to enter into a written contract with the Owner within ten (10) days of the Notice of Award and give a Surety Bond amounting to 100% of the Contract.

Signature: *

Janet Hass

Address: *

580 Goddard Avenue

Title: *

Contracting and Attesting Officer

City, State, Zip: *

Chesterfield, MO 63005

Legal Name of Bidder: *

Insituform Technologies USA, LLC

Phone Number: *

(636) 530-8000

Fax Number: *

3176630923

E-mail Address *

jferguson@aegion.com

Base Bid

\$1,607,818.54

Item Code	Description	Quantity	Units	Unit Price	Extension
Alternates are not included in bid total.					
1	Mobilization and Demobilization	1.00	LS	\$40,000.00	\$40,000.00
2a	Root Cutting	4,623.00	LF	\$2.73	\$12,620.79
2b	Lateral Root Cutting	10.00	LF	\$163.56	\$1,635.60
2c	Heavy Cleaning	3,539.00	LF	\$1.64	\$5,803.96
2d	Removal of Protruding Taps	3.00	EA	\$272.60	\$817.80
2e	Launch Laterals	10.00	EA	\$163.56	\$1,635.60
2f	New Cleanouts on Existing Laterals (Non-Paved Areas)	6.00	EA	\$1,635.59	\$9,813.54
2g	Lateral Sewer Cleaning, Testing and Preconstruction Televising	4.00	EA	\$490.68	\$1,962.72
2h	12-inch Sewer Cleaning, Testing and Preconstruction Televising	4,016.00	LF	\$34.89	\$140,118.24
2i	15-inch Sewer Cleaning, Testing and Preconstruction Televising	4,448.00	LF	\$35.98	\$160,039.04
3a	Testing & Grouting Sewer Pipe Joints	7,379.00	GAL	\$6.54	\$48,258.66
3b	Testing & Grouting Lateral Sewers	10.00	GAL	\$708.76	\$7,087.60
4a	12-inch x 6-inch Cured-in-Place Main and Lateral Sewer Connection Rehabilitation	19.00	EA	\$5,724.62	\$108,767.78
4b	15-inch x 6-inch Cured-in-Place Main and Lateral Sewer Connection Rehabilitation	9.00	EA	\$6,269.83	\$56,428.47
4c	15-inch x 8-inch Cured-in-Place Main and Lateral Sewer Connection Rehabilitation	1.00	EA	\$7,469.27	\$7,469.27
5	6-inch Sanitary Sewer Lateral Point Repair, Types B and C	310.00	LF	\$283.51	\$87,888.10
6a	12-inch Cured-in-Place Pipe Repairs (Steam Inversion)	4,016.00	LF	\$62.58	\$251,321.28
6b	15-inch Cured-in-Place Pipe Repairs (Steam Inversion)	4,448.00	LF	\$92.26	\$410,372.48
					Total: \$1,607,818.54

Item Code	Description	Quantity	Units	Unit Price	Extension
6c	Lateral Sewer CIPP Repairs	200.00	LF	\$38.16	\$7,632.00
7a	Sanitary Manhole Protective Coating	86.00	VLF	\$283.47	\$24,378.42
7b	Manhole Grouting	120.00	GAL	\$136.29	\$16,354.80
7c	Manhole Invert Reconstructed	1.00	EA	\$2,180.57	\$2,180.57
7d	Remove Bypass/Overflow Pipes	3.00	EA	\$545.14	\$1,635.42
7e	Root Cut Manhole	1.00	EA	\$545.14	\$545.14
8a	Post Construction CCTV Inspection of Tested and Grouted Sewers	8,464.00	LF	\$4.36	\$36,903.04
8b	Post Construction CCTV Inspection of Tested and Grouted Lateral Sewers	200.00	LF	\$2.18	\$436.00
8c	Post Construction CCTV Inspection of CIPP Lined Sewers	8,464.00	LF	\$1.00	\$8,464.00
8d	Post Construction CCTV Inspection of CIPP Main and Lateral Sewer Connections	31.00	EA	\$163.56	\$5,070.36
8e	Post Construction CCTV Inspection of CIPP Lined Lateral Sewers	200.00	LF	\$5.45	\$1,090.00
9	Video Recording of the Zone of Influence	1.00	LS	\$4,500.00	\$4,500.00
10a	Flexible Pavement Removal	22.00	SY	\$54.52	\$1,199.44
10b	Rigid Pavement Removal	22.00	SY	\$65.42	\$1,439.24
11	Flexible Pavement Repairs	22.00	SY	\$190.82	\$4,198.04
12	Rigid Pavement Repairs	22.00	SY	\$218.08	\$4,797.76
13	Storm Water Pollution Prevention	1.00	LS	\$2,453.38	\$2,453.38
14	Maintenance of Traffic	1.00	LS	\$7,500.00	\$7,500.00
15	Bypass Pumping Operation	1.00	LS	\$25,000.00	\$25,000.00
Allowance	Sanitary Sewer CIPP Repairs (Water Cure Allowance Item)	1.00	LS	\$50,000.00	\$50,000.00
Allowance	Landscaping Restoration	1.00	LS	\$50,000.00	\$50,000.00
					Total: \$1,607,818.54

BID GUARANTEE AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned *

Insituform Technologies USA, LLC

as Principal and *

Travelers Casualty and Surety Company of America

as Surety, are hereby held and firmly bound unto the City of Perrysburg as Obligee in the penal sum of the dollar amount of the bid submitted by the Principal to the Obligee on *

November 22, 2023

to undertake the project known as: *

Grassy Creek Interceptor Rehabilitaion

The penal sum referred to herein shall be the dollar amount of the Principal's bid to the Obligee, incorporating any additive or deductive alternate proposals made by the Principal on the date referred to above to the Obligee, which are accepted by the Obligee. In no case shall the penal sum exceed the amount of (in words):

One Million Six Hundred Seven Thousand Eight Hundred Eighteen and 54/100s

\$ (in currency):

\$1,607,818.54

(If the above line is left blank, the penal sum shall be the full amount of Principal's bid, including alternates. Alternatively, if completed, the amount stated must not be less than the full amount of the Principal's bid including alternates, in dollars and cents. A percentage is not acceptable)

Bond Percentage

10.00%

Guarantee Method *

Certified Check or Paper Bid
Bond

Certified Check or Paper Bid Bond

Confirmation *

I have provided a paper bid bond and uploaded the Consent of Surety to the Required Documents List at the bottom of the solicitation forms. I further agree to submit the original Bid Bond to The City of Perrysburg Engineering Department within three (3) business days, if

found to be the Apparent Low Bidder.

For the payment of the penal sum well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successor, and assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named Principal has submitted a bid on the above-referred project;

NOW, THEREFORE, if the Obligee accepts the bid of the Principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications, and bills of material; and in the event the Principal pays to the Obligee the difference not to exceed ten percent (10%) of the penalty hereof between the amount specified in the bid and such larger amount for which the Obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid; or in the event that the Obligee does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal pays to the Obligee the difference not to exceed ten percent (10%) of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising, and printing and mailing notices to prospective bidders, whichever is less, that this obligation shall be null and void, otherwise to remain in full force and effect. If the Obligee accepts the bid of the Principal, and the Principal within ten days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications, and bills of material, then said contract is made part of this bond the same as through set forth herein.

NOW ALSO, if the said Principal shall well and faithfully do and perform each and every condition of such contract; and shall pay all lawful claims of subcontractors, materialmen and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract; we agreeing and assenting that this undertaking shall be for the benefit of any materialman or laborer having a just claim, as well as for the Obligee herein; then this obligation shall be void; otherwise the same shall in no event exceed the penal amount of this obligation as herein stated.

The said surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of said contract or in or to the plans or specifications therefore shall in any wise affect the obligations of said Surety on this bond.

Principal: *

Insituform Technologies USA, LLC

By: *

Ursula J. Youngblood

Title: *

Contracting and Attesting Officer

Surety: *

Travelers Casualty and Surety Company of America

By (Attorney-in-Fact): *

Andrew P. Thome

Address: *

1 Tower Square, 13CZ Hartford, CT 06183

Agent: *

Marsh N. McLennan Agency

Address: *

825 Maryville Center Drive Suite 200, St. Louis, MO 63017

EXPERIENCE STATEMENT

Bidder shall provide information regarding similar work performed including, but not limited to, project name, description, location, and contact information, and any other details that will enable the City to assess the Contractor's capabilities, experience, skills, and financial standing with regard to this proposal. This statement shall also include information showing that the Bidder:

- maintains a permanent place of business.
- has adequate facilities and equipment available for the work under the proposed contract.
- has suitable financial means to meet obligations incidental to the proposed contract.
- has appropriate technical experience and possesses sufficient skills and experience.
- has the ability or resources available to make all repairs and adjustments that may be required on the equipment to be used under the proposed contract.

Response to the above: *

See Attached Experience Statement

If Bidder is Corporation, list Officers, type N/A if not applicable:

Name: *

N/A

Title: *

N/A

If Bidder is Partnership, list Members, type N/A if not applicable:

Name: *

N/A

Title: *

N/A

LIST OF SUBCONTRACTORS

Bidder shall provide the names, addresses, and type of work (Item No. or Description, if applicable) which the Bidder proposes to subcontract under this Contract.

Name: *

Advanced Rehabilitation
Technologies

Address: *

525 Winzeler Dr. #1 Bryan, OH 43506

Type of Work: *

Manhole Rehabilitation

Bidder shall provide the names, addresses, and type of work (Item No. or Description, if applicable) which the Bidder proposes to subcontract under this Contract. 1

Name: *

BLD Services

Address: *

2424 Tyler St, Kenner, LA 70062

Type of Work: *

Lateral Work

Bidder shall provide the names, addresses, and type of work (Item No. or Description, if applicable) which the Bidder proposes to subcontract under this Contract. 2

Name: *

Lake County Sewer

Address: *

32900 Lakeland Blvd, Willoughby, OH 44095

Type of Work: *

Cleaning, CCTV and Grouting

By signing below, the bidder certifies that, they will require the proposed subcontractors listed above and any subcontractors to those subcontractors to meet the requirements of the City of Perrysburg code 252.052. Failure to ensure a proposed subcontractor listed above or any subcontractor to those subcontractors will result in debarment from City contracts for a period of three (3) years.

Signed By: *

Janet Hass

Title *

Contracting and Attesting Officer

Company *

Insituform Technologies USA, LLC

Date *

11/22/2023

NONCOLLUSION AFFIDAVIT

STATE OF: *

Missouri

COUNTY OF: *

St. Louis

Bid Identification *

Grassy Creek Interceptor Rehabilitation

Bidder's Name *

Insituform Technologies USA, LLC

, being first dually sworn, deposes and says that he is:

*

other

Enter response if "other" was selected

Contracting and Attesting Officer

of (company name): *

Insituform Technologies USA, LLC

the party making the foregoing bid; that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization, or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix any overhead, profit, or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and further that said bidder has not, directly or indirectly submitted his bid price on any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Signed: *

Janet Hass

Title: *

Contracting and Attesting Officer

SUBSTITUTIONS/OPTIONS FORM

Optional: Vendor is not required to complete.

Any substitutions, deletions, additions, or deviations to the minimum specifications must be shown on this form and attached to the proposal forms in order to be considered as part of the bid. The City reserves the right to accept or reject any and all substitutions or optional bids. *

N/A

PREVAILING WAGE RESPONSIBILITIES

Keep full and accurate payroll records available for inspection for up to one (1) year following the completion of the project. Owners/partners must be shown on payrolls for any physical work they perform on the job.

- A. time records
- B. payroll records including canceled checks
- C. fringe benefit records including canceled check

Prevailing Wage Determination must be posted on the project site.

Supply Perrysburg Prevailing Wage Coordinator with dates of the life of the contract and a listing of all subcontractors to include the name, address, and telephone number of each.

Supply each employee with written notification of his assigned job classification, hourly prevailing wage rate and fringe payments, and identity of the Prevailing Wage Coordinator for the project.

Supply all subcontractors with any changes in the Prevailing Wage rates issued during the life of the project.

Out-of-State contractors must submit to the Ohio Secretary of State, the full name and address of their Statutory Agent in Ohio.

Submit certified payrolls starting no later two (2) weeks after the initial pay period. Insure all payrolls include the following:

- A. Employees full name, address, and social security number
- B. Work classification
 - (1) Be specific when listing laborers and operators
 - (2) Show level/year for all apprentices
- C. Hours worked on the project
 - (1) As of May 1, 1984, overtime is to be paid at not less than time and one-half for all hours worked in excess of forty (40) hours per week.
- D. Hourly rate of pay

Actual hourly rate paid employee for the time worked. Overtime hourly rate of not less than time and one-half the basic or regular rate paid is required under Chapter 4115. In addition to paying not less than the predetermined rate for the classification in which the employee works, the amounts predetermined as fringe benefits in the wage determination issued for the project, shall also be paid.

(Sample calculation: \$12.82 (base rate) x 1 1/2 = \$19.25 + \$1.70 (fringe payments) = \$20.93). Fringe payments must be entered in appropriate blocks on payroll forms when such fringes are paid to approved plans, funds, etc.

E. List all fringe benefits (if any) and amount per hour for each

(1) Hourly amount is to be based on 2080 hours per year.

F. Total deductions

G. Net pay for the pay period

Send a copy of Apprenticeship Agreement for each apprentice and a Final Affidavit to:

Perrysburg Prevailing Wage Coordinator

201 West Indiana Avenue

Perrysburg, OH 43551

(419) 872-7880

dbombrys@ci.perrysburg.oh.us

DAVIS BACON PREVAILING WAGE RATES ARE AVAILABLE ON-LINE AT THE FOLLOWING WEBSITE:

SAM.GOV

Perrysburg Code 252.02(G) Disclosures

1) Has there been any safety violations or settlement agreements between the bidder and the Occupational Safety & Health Administration or a state based agency of similar jurisdiction during the ten (10) year prior to the submission of the bid? *

SEE ATTACHED – OSHA Safety Letter

2) Has there been any violation of, or settlement agreement related to, any wage and hour laws at the local, state or federal level during the ten (10) years prior to the submission of the bid? *

NONE

3) Does the bidder have an active and compliant Ohio Bureau of Workers Compensation insurance policy? *

NONE

4) Please list any license(s) issued by the Ohio Construction Industry Licensing Board that has been assigned to the bidder *

NONE

5) Have there been any legal judgments against the bidder during the last ten (10) years prior to the submission of the bid? *

SEE ATTACHED - Litigation Letter

6) List the relevant experience of the bidder, including the number of years in the business under its present, alias, fictitious, doing business as, and/or former business name. *

In business since 1980. 1980-1992 – Insituform of North America; 1992 to 2011 – Insituform Technologies, Inc; 2011 – current – Insituform Technologies USA, LLC.

7) Attach a complete list of all the bidder's ongoing and completed public and private construction projects within the last three (3) years, including the nature and value of each contract and the name, address, and phone number or email address for a representative of the owner of each project. *

SEE ATTACHED – Active & Completed Projects Listing

8) Have there been any state or federal Environmental Protection Agency complaints issued against the bidder during the ten (10) years prior to the submission of the bid? *

NONE

9) Describe the management experience of the bidder's project manager(s) and superintendent(s) who will be assigned to the project *

SEE ATTACHED – Resumes of Kenneth Quillen, Matthew Brinkoetter

10) Is the bidder a foreign corporation not incorporated under the laws of Ohio? If yes, a Certificate of Good Standing from the Ohio Secretary of State demonstrating its right to conduct business in the State of Ohio must

be attached. *

SEE ATTACHED – Certificate of Good Standing

11) Has the bidder been debarred by any public authority in the United States during the ten (10) years prior to the submission of the bid? *

NONE

12) Provide a description of the bidder's Occupational Safety and Health Administration compliant safety program. *

SEE ATTACHED – Cover page and Table of Contents of Safety Manual

13) Does the bidder have an active and compliant Ohio Drug Free Workplace policy issued by the State of Ohio? *

SEE ATTACHED – Proof of Active and Compliant Ohio Drug Free Workplace Policy issued by the State of Ohio.

14) Provide the percentage of the bidder's workforce that has five (5) or more years of experience in their trade. *

All of the Insituform USA employees that would work on the project should we be awarded has more than 5 years of experience within the trade.

I hereby certify that, to the best of my knowledge, the provided information is true and accurate and by signing and submitting this form, I have the ability to contract on behalf of the company and understand the implications of the failure to comply with the City of Perrysburg code 252.052

Company Name *

Insituform Technologies USA, LLC

Signature *

Janet Hass

Title *

Contracting and Attesting Officer

Date *

11/22/2023

Attachments for Perrysburg Code 252.02(G) Disclosures Listed Above

Name	Omission Terms	Submitted File
Optional: Vendor is not required to complete.		
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Ordinance 8-2023 Signed - WORD DOC COMPLETED.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	BID BOND - Perrysburg OH.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	2023 - ITI USA OSHA 5 year History 2023.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	2023.08.31 Insituform Technologies USA, LLC_ Litigation History.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	EEO Policy Statement.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	EOD Certificate of Compliance Application Summary.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	OH - Cert of Good Standing 110823.PDF
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	OH INSERTS - Ohio - as of 090623.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Proof of Ohio Drug Free Policy.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Safety Manual - Aegion Corporation_HSE_US - dated January 2021.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Safety Manual Cover and TOC.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Sexual Harassment Policy Statement.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	RESUMES.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Contract_Qualification_Active and Closed_Projects_(2013_-_Present_).pdf
14 Required Documents		

Required Document List

Name	Omission Terms	Submitted File
Consent of Surety If providing a certified check or paper bid bond in lieu of Electronic Bid Bond	Electronically verifying Bid Bond	BID BOND - Perrysburg OH.pdf
Miscellaneous Attachment as Needed Miscellaneous Attachment	Omit if Not Needed	Ordinance 8-2023 Signed - WORD DOC COMPLETED.pdf
2 Required Documents		

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 136-2023

DATE: December 01, 2023



Subject Matter/Background

Upon review, the Department of Utilities realized it had overestimated the fees regarding the Sewer Infrastructure Cost Recovery (SICR) process and certain properties owned by MR Developers. These errors resulted in MR Developers overpaying for fees regarding sewer installation in subdivisions. Therefore, the City intends to refund MR Developers for their overpayment in the amount of \$5,316.75.

Financial Review

The refund will be paid out of Account # - 5402-91600-42225

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the rules, waive the three readings and pass this legislation as an emergency is appropriate to ensure timely refund of overpayment.

RESOLUTION 136-2023

A RESOLUTION AUTHORIZING A FIVE THOUSAND THREE HUNDRED SIXTEEN DOLLAR AND SEVENTY-FIVE CENTS (\$5,316.75) SEWER INFRASTRUCTURE COST RECOVERY REFUND TO MR DEVELOPERS AND DECLARING AN EMERGENCY

WHEREAS, MR Developers develops subdivisions within the City of Perrysburg, Ohio; and

WHEREAS, the Sewer Infrastructure Cost Recovery (SICR) process, is the process by which the City recovers the cost of sewers built through subdivisions. These sewers are built at larger size and greater depth for the City's benefit but initially at the developer's cost; and

WHEREAS, Until there are actual costs provided to the City from the developer, an estimated cost is used and the estimated fees are included in the cost of the permits for water, sanitary, and stormwater taps; and

WHEREAS, it was recently discovered that the SICR cost estimate and charges for construction at 2285, 2202, 2277, 2242, and 2269 Falling Waters Lane were charged in excess of the actual amount; and

WHEREAS, following an investigation by the City's Public Utilities Division, it was determined that a SICR refund is in order to remedy the overpayment.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. To remedy the overpayment of SICR fees by MR Developers, City Council approves a Five Thousand Three Hundred Sixteen Dollars and Seventy-Five Cents (\$5,316.75) SICR refund to MR Developers.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

Res 136-2023

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to most immediately rectify the SICR billing issues, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
Law Director

VOUCHER

THE CITY OF PERRYSBURG

WOOD COUNTY, OHIO

In Account With

MR DEVELOPERS
3618 King Rd.
Toledo, OH 43617

Perrysburg, Ohio, November 22, 2023

REFUND REQUEST FOR
INCORRECT SICR FEES associated
with 2285, 2202, 2277, 2242 +
2269 Falling Waters

5402-91600-42225

531675

OK to Pay

MPC

11-22-25

REFUND NOTES TO REQUEST 11/22/2023

MR DEVELOPERS
3618 KING RD.
TOLEDO, OH 43617

FALLS AT RIVER'S EDGE (5 ADDRESSES OF 2285, 2202, 2277, 2242 & 2269
FALLING WATERS)

REFUND TOTAL \$5,316.75
SICR - COST RECOVERY - 5402-91600-42225

CHECK AMOUNT WAS \$56,461.65
CORRECT TOTAL AMOUNT IS \$51,144.90
DIFFERENCE OF \$5,316.75

DOUBLE CHECK MATH =
NEW AND CORRECTED SICR FEE IS \$ 531.68 X 5 = \$2,658.40
PAID SICR FEE OF \$1,595.03 X 5 = \$7,975.15

\$7,975.15-\$2,658.40=\$5,316.75

***CALL AND UPDATE DENIS CASH AT 248-930-0273 WITH AN UPDATE ON
THE REFUND REQUEST. (ASK FINANCE WHEN WE THINK THE CHECK WILL
BE CUT)

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 137-2023

DATE: December 01, 2023



Subject Matter/Background

Upon review, the Department of Utilities realized it had overestimated the fees regarding the Sewer Infrastructure Cost Recovery (SICR) process and certain properties owned by Wright Custom Homes. These errors resulted in Wright Custom Homes overpaying for fees regarding sewer installation in subdivisions. Therefore, the City intends to refund Wright Custom Homes for their overpayment in the amount of \$188.80.

Financial Review

The refund will be paid out of Account # - 5402-91600-42225

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the rules, waive the three readings and pass this legislation as an emergency is appropriate to ensure timely refund of an overpayment.

RESOLUTION 137-2023

A RESOLUTION AUTHORIZING A ONE HUNDRED EIGHTY-EIGHT DOLLAR AND EIGHTY CENTS (\$188.80) SEWER INFRASTRUCTURE COST RECOVERY REFUND TO WRIGHT CUSTOM HOMES; AND DECLARING AN EMERGENCY

WHEREAS, Wright Custom Homes develops subdivisions within the City of Perrysburg, Ohio; and

WHEREAS, the Sewer Infrastructure Cost Recovery (SICR) process, is the process by which the City recovers the cost of sewers built through subdivisions. These sewers are built at larger size and greater depth for the City's benefit but initially at the developer's cost; and

WHEREAS, Until there are actual costs provided to the City from the developer, an estimated cost is used and the estimated fees are included in the cost of the permits for water, sanitary, and stormwater taps; and

WHEREAS, it was recently discovered that the SICR cost estimate and charges for construction at 1002 Reserve Drive were charged in excess of the actual amount; and

WHEREAS, following an investigation by the City's Public Utilities Division, it was determined that a SICR refund is in order to remedy the overpayment.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. To remedy the overpayment of SICR fees by Wright Custom Homes, City Council approves a One Hundred Eighty-Eight Dollar and Eighty Cents (\$188.80) SICR refund to Wright Custom Homes.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

Res 137-2023

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to most immediately rectify the SICR billing issues, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
Law Director

V O U C H E R

THE CITY OF PERRYSBURG

WOOD COUNTY, OHIO

In Account With

WRIGHT CUSTOM HOMES
7567 HICKORY VALLEY DR.
MAUMEE, OH 43537

Perrysburg, Ohio, November 22, 2023

REFUND REQUEST FOR
INCORRECT WATER AND SEWER
CAPITAL EXPANSION FEES CHARGED
FOR 1002 RESERVE

CAPITAL EXPANSION - WATER
5401-91600-42125

116 20

CAPITAL EXPANSION - SEWER
5402-91600-42125

72 152

Total
Refund

\$188.00

OK to Pay
MPC

11.22.23

Wright Custom Homes.

City of Perrysburg Department of Public Utilities

Fee Calculation

1002 Reserve

I/I Fee Calculation per City of Perrysburg ORD 1050.09

Project Single Tap with 5/8" Domestic Meter
Address/Location 1002 Reserve
Date 8/11/2023
Inside / Outside City Inside
Calculations by Matt Choma, P.E., Director & Commissioner of Public Utilities

	Water	Sewer	Total fees
Tap Size (single)	1" x 8"		
Tap Cost (1")	\$1,810.00	1550	\$1,810.00 1550
Meter Size - domestic	5/8"		
Meter Cost	380.00 \$440.00		\$440.00 380
Meter Size - Irrigation	1"		
Meter Cost	550.00 \$630.00		\$630.00 550
Capital Expansion - Water	3875.89 \$3,992.17		\$3,992.17 3875.89
Capital Expansion - Sewer		\$2,489.93	\$2,489.93 2417.41
Sanitary Sewer Permit		\$300.00	\$300.00 300
Storm Sewer Permit		\$100.00	\$100.00 100
I and I fee		\$917.51	\$917.51 824.00
SICR		\$0.00	\$0.00
Opening Permit -		\$250.00	\$250.00 250.00
Total	\$6,872.17	\$2,489.93	\$10,929.61 10247.30 correct

Project Single Tap with 1" Domestic Meter
Address/Location Total
Date 8/11/2023
Inside / Outside City Inside
Calculations by Matt Choma, P.E., Director & Commissioner of Public Utilities

	Water	Sewer	Total fees
Tap Size (single)	1" x 8"		
Tap Cost (1")	\$1,810.00		\$1,810.00
Meter Size - domestic	1"		
Meter Cost	\$630.00		\$630.00
Meter Size - Irrigation	1"		
Meter Cost	\$630.00		\$630.00
Capital Expansion - Water	\$9,980.95		\$9,980.95
Capital Expansion - Sewer		\$6,223.24	\$6,223.24
Sanitary Sewer Permit		\$300.00	\$300.00
Storm Sewer Permit		\$100.00	\$100.00
I and I fee		\$917.51	\$917.51
SICR		\$0.00	\$0.00
Opening Permit -		\$250.00	\$250.00
Total	\$13,050.95	\$6,223.24	\$20,841.69

check for 10,436.70
Refunding difference \$1908.00

WRIGHT CUSTOM HOMES
7567 HICKORY VALLEY DR.
MAUMEE, OH 43537

1002 RESERVE

INCORRECT CAPITAL EXPANSION CHARGES FOR WATER AND SEWER

CHECK AMOUNT OF \$ 10,436.10 FROM BATCH 1697

INCLUDED INCORRECT FEE OF: \$3,992.17 FOR CAP. WATER FEE & \$2,489.93

CORRECT FEES ARE \$3,875.89 FOR CAP EXPANSION WATER & \$2,417.41 FOR CAP
EXPANSION SEWER.

DIFFERENCE AND REFUND AMOUNT WITH GL ACCOUNT #S BELOW

CAP EXPANSION WATER - 5401-91600-42125 - \$116.28

CAP EXPANSION SEWER - 5402-91600-42125 - \$72.52

TOTAL REFUND AMOUNT - \$188.80

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 138-2023

DATE: December 1, 2023



Subject Matter/Background

The Director of the Ohio Environmental Protection Agency has issued Final Findings and Orders to the City of Perrysburg, pursuant to Ohio Revised Code §§ 6111.03 and 3745.01.

The DFFO identifies steps for the City to take in order to comply with the requirements to properly operate and maintain its wastewater treatment plants, sewer system, and any associated equipment and structures, including elimination of unpermitted discharges from its collection system and its wastewater treatment plants.

Through this Resolution Council agrees to approve and sign the OEPA Director's Final Findings & Orders and authorizes and directs the Mayor and the Director of Finance to take all actions necessary to execute and finalize OEPA Director's Final Findings & Orders.

Financial Review

There is no funding needed for this resolution.

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the rules, waive the three readings and pass this legislation as an emergency is appropriate.

RESOLUTION 138-2023

A RESOLUTION AUTHORIZING THE MAYOR AND DIRECTOR OF FINANCE TO APPROVE AND SIGN THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) DIRECTOR'S FINAL FINDINGS & ORDERS (DFFO); AND DECLARING AN EMERGENCY

WHEREAS, the Director of the Ohio Environmental Protection Agency has issued Final Findings and Orders (Exhibit A) to the City of Perrysburg; and,

WHEREAS, Ohio Revised Code §§ 6111.03 and 3745.01 grants the Director of the OEPA the authority to issue Findings and Orders; and,

WHEREAS, the City of Perrysburg is required to properly operate and maintain its wastewater treatment plants, sewer system, and any associated equipment and structures, including elimination of unpermitted discharges from its collection system and its wastewater treatment plants; and,

WHEREAS, the Ohio EPA may adopt and enforce orders governing such systems and requiring submission of records of construction, operation and maintenance, including plans and descriptions of existing sewage treatment and disposal systems; and,

WHEREAS, the City of Perrysburg understands and agrees to the steps identified in the DFFO to comply with the requirements to properly operate and maintain its wastewater treatment plants, sewer system, and any associated equipment and structures, including elimination of unpermitted discharges from its collection system and its wastewater treatment plants.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. The City of Perrysburg, through Council, agrees to approve and sign the OEPA Director's Final Findings & Orders, attached hereto as Exhibit A, and Council further authorizes and directs the Mayor and the Director of Finance to take all actions necessary to execute and finalize OEPA Director's Final Findings & Orders.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the

Res 138-2023

citizens of the City of Perrysburg, Wood County, Ohio, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

**BEFORE THE
OHIO ENVIRONMENTAL PROTECTION AGENCY**

In the Matter of:

**City of Perrysburg
201 E Indiana Ave
Perrysburg, Ohio 43551**

:
:
:
:
:
:

**Director's Final Findings
and Orders**

PREAMBLE

It is agreed by the parties hereto as follows:

I. JURISDICTION

These Director's Final Findings and Orders ("Orders") are being issued to the City of Perrysburg ("Respondent"), pursuant to the authority vested in the Director of the Ohio Environmental Protection Agency ("Ohio EPA") under Ohio Revised Code ("ORC") §§ 6111.03 and 3745.01.

II. PARTIES BOUND

These Orders shall apply to and be binding upon Respondent, and successors in interest liable under Ohio law.

III. DEFINITIONS

Unless otherwise stated, all terms used in these Orders shall have the same meaning as defined in ORC Chapter 6111, and the rules promulgated thereunder.

IV. FINDINGS

The Director of Ohio EPA has made the following findings:

1. Respondent owns and operates a sewer collection system (Sewer System) and a wastewater treatment plant that collects and then treats sewage from the City of Perrysburg which is ultimately discharged to the Maumee River under NPDES No. 2PD00002*ND.
2. In accordance with the historic and legal practices of the time, parts of Respondent's Sewer System were "combined," meaning that sanitary waste and storm water were engineered/designed to comeingle in one sewer pipe with the flow conveyed to Respondent's wastewater treatment plant.
3. CSOs are subject to the National Pollutant Discharge Elimination System (NPDES) permitting program. Through the NPDES program, US EPA

established a national framework for controlling CSOs, called the CSO Control Policy, compliance with which is required by 33 USC 1342(q).

4. During certain storm events, overflows occurred in Respondent's Sewer System when flows exceeded the capacity of the sewer line, resulting in Combined Sewer Overflows (CSO).
5. Respondent worked to address CSOs from its Sewer System dating back to at least mid-1970s. Through project implementation over the ensuing decades, Respondent reported to Ohio EPA that many of CSOs, including those in the Grassy Creek area, were eliminated.
6. On September 24, 1996, Respondent submitted a Long Term Control Plan (LTCP) to Ohio EPA as required by a schedule of compliance in its NPDES permit to reduce or eliminate remaining CSOs from its collection system. Respondent's LTCP was based on a strategy of separating its Sewer System into one system for sanitary waste and another system for stormwater conveyance.
7. The LTCP focused on four CSOs identified as (1) 010 Green Lane; (2) 002 Louisiana Avenue; (3) 003 Elm Street; and (4) 004 Cherry Street, all of which discharge to Maumee River. The LTCP only addressed sewer separation projects within the historical city center. The LTCP did not identify or include any of the 16 known historic overflow structures to the Grassy Creek area, which is generally south of the area addressed in the LTCP, because at that time, these overflow structures were thought to be no longer be active.
8. Respondent implemented work required in its LTCP via schedules of compliance in various NPDES permits. Respondent completed its last sewer separation project in 2017 and has been undergoing a period of post construction monitoring through 2022.
9. As a product of its efforts, Respondent was able to substantially reduce the frequency and volume of overflows from its Sewer System. In 2006, Respondent recorded 70 CSO overflow event days and a total estimated overflow volume of 68.72 MG. In 2022, Respondent recorded 16 CSO overflow event days and a total estimated overflow volume of 17.83 MG. This amounts to a 77.1% reduction in event days and a 74.0% reduction in total overflow volume.
10. NPDES permit 2PD00002*ND included a schedule of compliance which required Respondent to develop and implement a plan to eliminate an Emergency Response SSO on Maple Street ("Maple St. ER-SSO") by August 31, 2022. On September 2, 2022, Respondent formally communicated to Ohio EPA that the Maple St. ER-SSO elimination project was not implemented because the elimination plan recommended by a third-party engineering firm was not physically and technically possible. The remedy for this SSO will be addressed in accordance with the SSO Elimination Plan pursuant to Order 1.C.

11. After the sewer separation work in the historical city center pursuant to its LTCP, Ohio EPA now considers Respondent's Sewer System to be a separated sewer system. Any remaining overflows are considered to be Sanitary Sewer Overflows or SSOs. SSOs are prohibited under the federal Clean Water Act and by ORC Section 6111.04. Each SSO discharge occurrence is a separate violation of ORC § 6111.04.
12. In accordance with 40 CFR 122.38, Respondent developed and submitted the *NPDES Great Lakes Basin CSO Public Notification Plan* (Public Notification Plan) on September 28, 2018. Ohio EPA approved the Public Notification Plan on October 26, 2018 and the City has since been implementing the Public Notification Plan.
13. Respondent has recently begun resurveying the Sewer System with the intent to evaluate whether areas that were not documented or acknowledged in the 1996 LTCP are still combined. If Respondent produces reasonable evidence of combined sewers that are not known at this time, Ohio EPA may consider reclassifying the impacted outfalls, including at Green Lane, Louisiana Avenue, and Cherry Street, as CSOs.
14. The outfall on Elm Street, previously permitted as CSO 2PD00002003, and the tributary sewershed are not believed to be hydraulically impacted by the areas of the Sewer System being investigated for remaining combined sewers. This outfall shall remain classified as an SSO. In early 2023, Respondent completed substantial repairs to remove a defect impacting the Elm Street return line. This defect reduced capacity in the system. Flow data and other evidence suggests that the defect was causing or exacerbating overflows at the Elm Street outfall. Due to a lack of rainfall since the repair was made, Respondent does not yet have sufficient data to evaluate the effectiveness of the improvement and its impact on overflows from the Elm Street outfall.
15. In 2023, Respondent identified two open outfall structures in the Grassy Creek area. Respondent has eliminated both.
16. Pursuant to ORC § 6111.07, no person shall violate or fail to perform any duty imposed by ORC Sections 6111.01 to 6111.08 or violate any order, rule, or term or condition of a permit issued or adopted by the Director of Ohio EPA pursuant to those sections. Each day of violation is a separate offense.
17. Pursuant to ORC § 6111.03(H), the Director may issue, modify, or revoke orders to prevent, control, or abate water pollution by prohibiting or abating discharges of sewage, industrial waste, or other wastes into the waters of the state.
18. Pursuant to ORC § 6111.46, the Ohio EPA is required to exercise general supervision of the construction, operation and maintenance of sewage collection, treatment, and disposal systems, and may adopt and enforce orders governing

such systems and requiring submission of records of construction, operation and maintenance, including plans and descriptions of existing sewage treatment and disposal systems.

19. The following Orders do not constitute authorization or approval of the construction of any physical structure or facilities, or the modification of any existing treatment works or sewer system. Any such construction or modification is subject to the plan approval and permit to install requirements of ORC §§ 6111.44 and 6111.45 and Ohio Administrative Code (OAC) Chapter 3745-42.
20. Compliance with these Orders are intended to bring an orderly cessation of SSOs within Respondent's sewer collection system.
21. The Director has given consideration to, and based her determination on, evidence relating to the technical feasibility and economic reasonableness of complying with these Orders and to evidence relating to conditions calculated to result from compliance with these Orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of ORC Chapter 6111.

V. ORDERS

1. **Sewer System Evaluation Study.** Respondent shall develop a plan to eliminate SSOs and implement the recommended projects as soon as practicable but not later than the dates in the following schedule:
 - a. Respondent shall continue to implement a sewer system evaluation study (SSES) in accordance with Appendix 1 to support the analysis of alternatives to eliminate SSOs in the Sewer System. At a minimum, the SSES shall include a hydraulic model, which will be populated using electronic flow monitoring meters at known SSO discharge locations and other critical locations in the Sewer System and an evaluation of remedial efforts at the Elm Street SSO to ensure it has been eliminated. The flow monitoring must measure a minimum of at least four (4) events with greater than or equal to 0.75 inches with recurrence intervals greater than six (6) months, including one (1) event with greater than or equal to 1.00 inches ("Minimum Flow Events"). Flow monitoring shall be completed by June 30, 2024, unless the Minimum Flow Events do not occur, whereby the flow monitoring shall be extended until such time as the Minimum Flow Events occur. Respondent shall also conduct surveys of the Sewer System to determine whether all of the 16 known overflow structures to Grassy Creek are physically eliminated and to identify sources of inflow and infiltration (I/I). If flow monitoring is extended beyond June 30, 2024, then Respondent shall notify Ohio EPA Northwest District Office within 30 days after flow monitoring ends.

- b. No later than twelve (12) months after the flow monitoring period ends, the permittee shall submit an SSES report for review by Ohio EPA. The report shall include the findings of the Sewer System surveys, results of hydraulic model calibration, and a discussion of hydraulic and structural issues in the Sewer System.
- c. No later than twelve (12) months after submission of the SSES report, the permittee shall submit an SSO Elimination Plan (the "Plan") to Ohio EPA Northwest District Office for review and approval. The Plan shall contain:
 - i. An alternatives analysis for SSO elimination which evaluates, at a minimum, the following control strategies:
 - 1. Reduction of (I/I) from both public and private sources;
 - 2. Installation of wastewater storage;
 - 3. Providing additional secondary treatment capacity, such as constructing infrastructure to expand capacity or implementing process changes to enhance capacity;
 - ii. A cost assessment for the respective alternatives;
 - iii. A proposed schedule for implementation of the recommended alternatives;
 - iv. A financial capability analysis, if necessary
- d. Upon Ohio EPA's approval of the Plan, Respondent shall implement the Plan in accordance with the approved schedule.

2. **Capacity, Management, Operation, and Maintenance Program.** Within one year of the effective date of these Orders, Respondent shall develop and submit for Ohio EPA's approval a Capacity, Management, Operation, and Maintenance (CMOM) Program for all parts of the collection system in accordance with Appendix 2. The goals of Respondent's CMOM Program shall be to:

- a. Properly manage, operate and maintain its collection system at all times.
- b. Provide adequate capacity to convey base and peak flows as defined by the SSES.
- c. Take all feasible steps to stop, and mitigate the impact of, sanitary sewer overflows as soon as possible; and
- d. Provide notification that will be available to parties with a reasonable potential for exposure to pollutants associated with the overflow event.

3. **Record Keeping, Retention, and Annual Report.**

- a. Respondent shall maintain the following records for at least three years or until an SSO or WIB event has been satisfactorily resolved, whichever is longer.

For each SSO and WIB:

- i. The location of the SSO or WIB and the receiving water, if any;
- ii. The estimated volume of the SSO;
- iii. A description of the sewer component from which the release occurred;
- iv. The estimated date and time the SSO or WIB began and ended;
- v. The cause or suspected cause of the SSO or WIB;
- vi. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the overflow and a schedule of milestones for those steps;
- vii. Work orders that are associated with the investigation of system problems related to SSOs or WIBs;
- viii. A list and description of complaints from customers or others;
- ix. Documentation of performance and implementation measures.

4. **Public Notification Program.** Respondent shall continue to implement the Public Notification Plan for all overflows from the Sewer System, regardless of whether an overflow is classified as a CSO or SSO. If necessary, Respondent shall update the Public Notification Plan to include open discharge points in the Grassy Creek area and submit to Ohio EPA for approval.

5. **Emergency Response Plan.** Not later than two hundred and seventy (270) days after the effective date of these Orders, Respondent shall prepare, and submit to Ohio EPA for review and approval an SSO Emergency Response Plan ("ERP") that identifies measures to protect public health and the environment in the event of an SSO. If Ohio EPA believes that the proposed SSO ERP is deficient, Ohio EPA will so notify Respondent. The SSO ERP will include, but not be limited to:

- a. A mechanism to ensure that Respondent is made aware of all SSOs and WIBs from the sewer system;
- b. Procedures to ensure appropriate responses to SSOs, including ensuring that reports of overflows are promptly dispatched to appropriate personnel for investigation and appropriate response;
- c. Procedures to ensure that appropriate personnel are aware of and follow the SSO ERP and are appropriately trained;
- d. Emergency operations; and
- e. Procedures to ensure prompt appropriate notification of the public, the appropriate board of health, and the Ohio EPA. These procedures should be developed in consultation with potentially affected entities.

VI. TERMINATION

Respondent's obligations under these Orders shall terminate when Respondent certifies in writing and demonstrates to the satisfaction of Ohio EPA that Respondent has performed all obligations under these Orders and the Chief of Ohio EPA's Division of Surface Water acknowledges, in writing, the termination of these Orders. If Ohio EPA does not agree that all obligations have been performed, then Ohio EPA will notify Respondent of the obligations that have not been performed, in which case Respondent shall have an opportunity to address any such deficiencies and seek termination as described above.

The certification shall contain the following attestation: "I certify that the information contained in or accompanying this certification is true, accurate and complete."

This certification shall be submitted by Respondent to Ohio EPA and shall be signed by a responsible official of the Respondent. For purposes of these Orders, a responsible official is as defined in OAC Rule 3745-33-03.

VII. OTHER CLAIMS

Nothing in these Orders shall constitute or be construed as a release from any claim, cause of action or demand in law or equity against any person, firm, partnership, or corporation, not a party to these Orders, for any liability arising from, or related to activities occurring at the Site.

VIII. OTHER APPLICABLE LAWS

All actions required to be taken pursuant to these Orders shall be undertaken in accordance with the requirements of all applicable local, state, and federal laws and

regulations. These Orders do not waive or compromise the applicability and enforcement of any other statutes or regulations applicable to Respondent.

IX. MODIFICATIONS

These Orders may be modified by agreement of the parties hereto. Modifications shall be in writing and shall be effective on the date entered in the journal of the Director of Ohio EPA.

X. NOTICE

Unless otherwise specified herein, all documents required to be submitted by Respondent pursuant to these Orders shall be addressed to:

Ohio Environmental Protection Agency
Division of Surface Water
Central Office
P.O. Box 1049
Columbus, OH 43216-1049
(ATTN: Enforcement Manager) and

Ohio Environmental Protection Agency
Northwest District Office
Division of Surface Water
347 N. Dunbridge Road
Bowling Green, OH 43402
(ATTN: Enforcement Supervisor)

XI. RESERVATION OF RIGHTS

Ohio EPA and Respondent each reserve all rights, privileges and causes of action, except as specifically waived in Section XII of these Orders.

XII. WAIVER

In order to resolve disputed claims, without admission of any allegation of fact, law, violation or liability, and in lieu of further enforcement action by Ohio EPA for only the violations specifically cited in these Orders, Respondent consents to the issuance of these Orders and agrees to comply with these Orders. Compliance with these Orders shall be a full accord and satisfaction for Respondent's liability for the violations specifically cited herein.

Respondent hereby waives the right to appeal the issuance, terms and conditions, and service of these Orders, and Respondent hereby waives any and all rights Respondent may have to seek administrative or judicial review of these Orders either in law or equity.

Notwithstanding the preceding, Ohio EPA and Respondent agree that if these Orders are appealed by any other party to the Environmental Review Appeals Commission, or any court, Respondent retains the right to intervene and participate in such appeal. In such an event, Respondent shall continue to comply with these Orders notwithstanding such appeal and intervention unless these Orders are stayed, vacated or modified.

XIII. EFFECTIVE DATE

The effective date of these Orders is the date these Orders are entered into the Ohio EPA Director's journal.

XIV. SIGNATORY AUTHORITY

Each undersigned representative of a party to these Orders certifies that he or she is fully authorized to enter into these Orders and to legally bind such party to these Orders.

IT IS SO ORDERED AND AGREED:
Ohio Environmental Protection Agency

_____	_____
Anne M. Vogel	Date
Director	

IT IS SO AGREED:
City of Perrysburg

_____	_____
Thomas G. Mackin	Date
Mayor	

_____	_____
Amber L. Rathburn	Date
Director of Finance	

Approved as to Form and Content

_____	_____
Timothy W. Effler	Date
Law Director	

Appendix 1

Guidelines for Developing a Sewer System Evaluation Study (SSES)

- A. Sewer System Evaluation – Respondent shall develop a sewer system evaluation study to comply with Order 1 in accordance with the following:
- a. An evaluation of the Sewer System, including:
 - i. A physical survey of the Sewer System and confirmation of location, size, and capacity of all sewers, manholes, pump stations, overflow points (if they exist), cross-connections with storm sewers (if they exist), and any other appurtenances specific to the Sewer System;
 - ii. Flow monitoring to adequately characterize the Sewer System during wet and dry weather. Flow monitoring should be considered at all points of connection into downstream sewers owned by a different entity, at all overflow pipes, immediately upstream of all pump stations, and at any other points deemed necessary to complete the rest of the evaluation detailed below. Meters may be rotated to different locations to provide the necessary information.
 - iii. Estimates of peak flows (including flows that escape from the Sewer System) associated with wet weather conditions;
 - iv. Identification of the locations of any hydraulic deficiencies within the Sewer System (including components of the System with limiting capacity) that are causing or contributing to SSOs or WIBs;
 - v. Identification of the locations of I&I entry into the Sewer System; and an estimate of the benefit (in terms of flow removed) of eliminating I&I entry;
 - vi. Flow meters at connection points to the downstream sewers that are owned by a different entity;
 - vii. Identification of the locations of structural deficiencies within the Sewer System that are causing or contributing to SSOs or WIBs.
 - b. The identification of short and long term actions to eliminate each structural and hydraulic deficiency within the Sewer System (“Actions”). For each such deficiency, the SSES will identify alternatives to eliminate the deficiency, the costs for each alternative, and the recommended alternative for eliminating the deficiency. The SSES will group the alternatives in

projects as appropriate, prioritize the projects and provide a schedule for implementation of all recommended projects.

- c. The identification of Remediation to minimize each source of excessive I&I into the Sewer System. The SSES will identify alternatives to minimize each such source, the costs associated therewith, and the recommended alternative for minimizing them. The SSES will group the alternatives in projects as appropriate, prioritize the projects and provide a schedule for implementation of all recommended projects.
- d. The SSES will be reviewed and updated as needed to reflect current information.

Appendix 2

Guidelines for Developing a Capacity, Management, Operation, and Maintenance (CMOM) Program

- A. Management Program - as part of its CMOM Program, Respondent shall develop a management program to implement activities for its CMOM program to comply with Order 2. The management program may incorporate other documents by reference and will include, at a minimum the following:
 - i. Organization Description
 - (1) Administrative and maintenance positions responsible for implementing measures in Respondent's CMOM program, including lines of authority by an organization chart or similar document; and
 - (2) The chain of communication for reporting SSOs, from the receipt of a complaint or other information to the person responsible for reporting under these Orders.
 - ii. Legal Authorities - Respondent's CMOM Program shall include the implementation and enforcement of sewer use ordinances, service agreements or other legally binding documents that:
 - (1) Control infiltration and connections from inflow sources;
 - (2) Require that all sewers and connections be properly designed and constructed; and
 - (3) Ensure proper installation, testing, and inspection of new and rehabilitated sewers (such as new or rehabilitated collector sewers and new or rehabilitated service laterals).
 - iii. Implementation Measures and Activities - Respondent shall identify activities and measures to implement its CMOM program for the collection system and treatment facility. Respondent shall address the elements listed in A.iii.(1)-(5), below, and identify the person or position in Respondent's organization responsible for each element. Respondent shall include a description of how Respondent will monitor implementation of each applicable element and, where possible, measure performance.
 - (1) Maintenance Facilities, Equipment, and Replacement Parts:
 - (a) Providing adequate maintenance facilities and equipment;
 - (b) Identification of critical parts needed for system operation and maintenance; and

- (c) Maintaining an adequate inventory of replacement parts.
- (2) Routine Preventive Maintenance
 - (a) Providing adequate preventive and routine maintenance using predictive approach; and
 - (b) Continually reviewing and updating maintenance procedures using information management systems that use predictive processes.
- (3) Information Management
 - (a) Development and maintenance of an accurate and up-to-date map of the collection system;
 - (b) Managing information and using timely, relevant information for establishing and prioritizing appropriate CMOM activities, and identifying and illustrating trends in overflow occurrences;
 - (c) Responding to overflows, providing emergency operations, and preventive operations;
 - (d) Tracking collection system problems, failures and/or violations, including customer complaints; and
 - (e) Maintaining records for work orders associated with investigations, inspections, new installations, preventive and routine maintenance, and corrective actions.
- (4) Operations and Capacity Management
 - (a) Ensuring proper installation, testing and inspection of new sewers and new connections (including new service laterals) to Respondent's collection system;
 - (b) Continually assessing the current structural integrity and capacity of the collection system which Respondent owns or over which Respondent has operational control;
 - (c) Assessing, evaluating, and addressing as appropriate, the impact of industrial discharges to the collection system tributary to the overflow or bypass;
 - (d) Providing ongoing identification and prioritization of structural and hydraulic deficiencies and rehabilitation actions to address each deficiency.
- (5) Training and Review

- (a) Providing appropriate training on a regular basis, including refresher training, on safe procedures for implementation of the provisions of the CMOM program for employees and other appropriate parties; and
 - (b) Providing annual reviews by representatives of all levels of management and staff to assess the overall effectiveness of Respondent's CMOM program and make recommendations for adjustments.
- iv. Design and Performance Provisions - Respondent shall identify:
- (1) Requirements and/or standards that Respondent imposes for the installation of new sewers, pumps and other appurtenances and rehabilitation and repair projects; and
 - (2) Procedures and specifications for inspecting and/or testing the installation of new sewers, pumps and other appurtenances and for rehabilitation and repair projects.
- v. Modifications - The measures and activities taken to implement Respondent's CMOM program should be monitored on an ongoing basis and be updated as appropriate. Respondent shall modify its management programs as appropriate to keep them updated and accurate.
- B. Overflow Response Plans
- i. Respondent shall develop and implement an overflow response plan that identifies measures to protect public health and the environment by ensuring that: every report of an overflow event is immediately dispatched to the appropriate personnel for investigation and appropriate response; response activities are coordinated with the appropriate State and/or local health agencies; and appropriate notification and reporting are made.
 - ii. Respondent's overflow response plan must address the following elements:
 - (1) Overflow response procedure - an overflow response procedure that describes steps to be taken to address any potential system failures. The procedure must address receiving and dispatching information during investigation and response; mobilizing labor and equipment to investigate reported incidents and take appropriate responses; and documenting the findings and response.
 - (2) Public Notification - The overflow response plan must describe actions that will be taken, in cooperation with State and/or local health agencies and clarify the entity responsible for each of the following actions:
 - (a) Limiting public access to areas potentially impacted by an overflow;

- (b) Posting warning signs at emergency overflow outfall locations where affected water bodies are accessible to the public; and
- (c) Provide public notification on the internet.
- (3) Immediate Notification of Health Officials and Ohio EPA - The plan shall incorporate notification procedures developed in accordance with Order 7.
- (4) An annual report of SSOs in accordance with Order 5.
- (5) Distribution and Maintenance - The overflow response plan will describe: how the plan will be made available to personnel responsible for implementing the plan, as well as other interested parties; training procedures for appropriate personnel, including the frequency of the training activities; and the process for reviewing and updating the plan.

TO: Mayor Mackin
President Smith
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Ord 36-2023

DATE: December 1, 2023



Subject Matter/Background

Pursuant to Ordinance 193-2003, the City of Perrysburg, Ohio, at regular intervals, can commissions an update to the City's sewer master plan and cost-recovery plan, which outline which services are and will be delivered to properties within the City's sewer service area.

Arcadis has prepared and finalized its proposed updates to the sewer master plan and the cost-recovery plan, and a copy of these proposed updates are on file and available for public review with the City's Engineer and its Planning & Zoning Office.

This Ordinance accepts and approves Arcadis' updates to City's sanitary sewer master plan and its sanitary sewer cost recovery documents, as on file with the City's Engineer and its Planning & Zoning Office.

Financial Review

This Ordinance will have no financial impact on the City.

Legal Review

This Ordinance has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the three readings, waive the rules, and authorize this Ordinance as an Emergency is recommended.

ORDINANCE 36-2023

AN ORDINANCE APPROVING UPDATES TO THE CITY'S SEWER MASTER PLAN AND SEWER INFRASTRUCTURE COST RECOVERY PLAN; AND DECLARING AN EMERGENCY

WHEREAS, pursuant to Ordinance 193-2003, the City of Perrysburg, Ohio, at regular intervals, commissions an update to the City's sewer master plan and cost-recovery plan, which outline which services are and will be delivered to properties within the City's sewer service area; and,

WHEREAS, the plans will affect development within the City; and,

WHEREAS, Arcadis has prepared and finalized its proposed updates to the sewer master plan and the cost-recovery plan, and a copy of these proposed updates are on file and available for public review with the City's Engineer and its Planning & Zoning Office.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. The City of Perrysburg, Ohio, accepts and approves Arcadis' updates to City's sanitary sewer master plan and its sanitary sewer cost recovery documents, as on file with the City's Engineer and its Planning & Zoning Office.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, in order to permit the City to update development and engineering standards and to keep in line with the Codified Ordinances, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

Ord 36-2023

Ord 36-2023

President of Council

Mayor

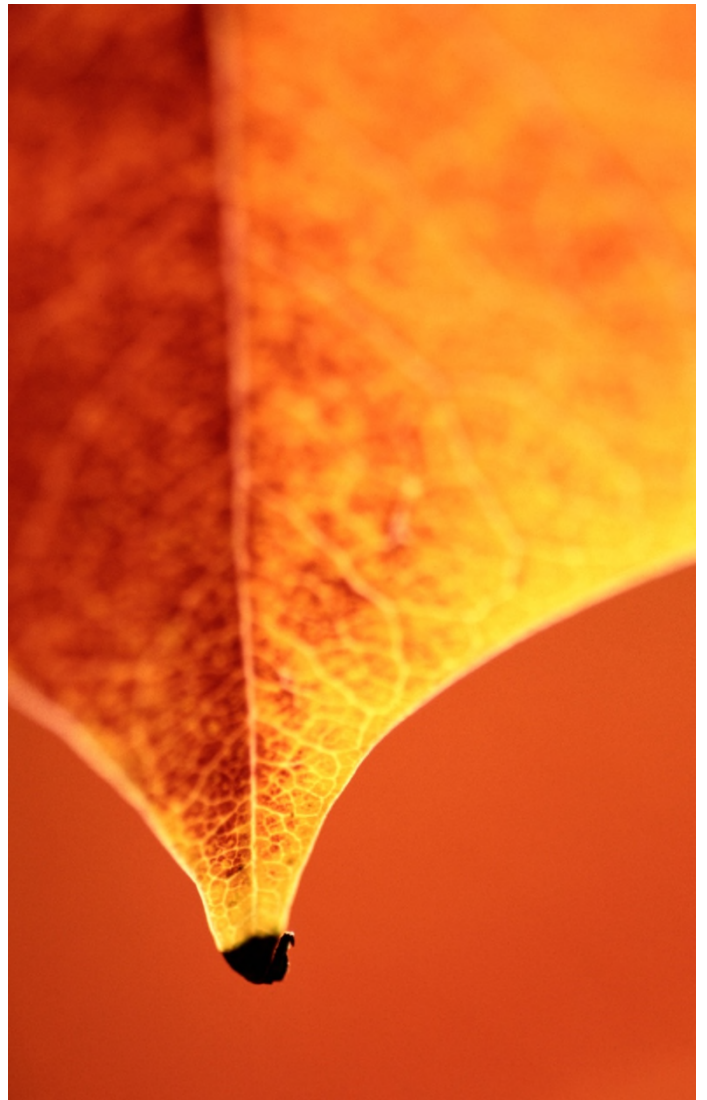
PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

PERRYSBURG, OHIO



SANITARY INFRASTRUCTURE COST RECOVERY

“STUDY ADOPTED 11/18/03
BY ORDINANCE 193-2003”
2023 UPDATE

INDEX

Pipe 1 To Pipe 68C	Pipe Cost Calculations
Attachment A	Costs to be shared by all pipes in area tributary to Pump Station 3 on Rivers Edge Drive.
Attachment B	Costs to be shared by all pipes in area tributary to Pump Station 6 on S.R. 199.
Attachment C	Costs to be shared by all pipes in area tributary to existing sanitary sewer on Simmons Rd.
Attachment D	Cost of the portion of Pipe 9 constructed for St. John XXIII.
Attachment E	Proposed sanitary sewers probable project costs.
Attachment F	Basis of Sanitary Sewer Design & Probable Project Cost.
Attachment G	Ordinance No. 193-2003
	Figures 1-5
	Sanitary Sewer Tributary Area
	S.R. 25 Sanitary Sewer Tributary Area

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 1 - S.R. 25: King to Dowling

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.022 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$87,726
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.022 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$51,185
Share of Pipe 5 (15")	\$835,000	X	$\frac{0.022 \text{ MGD}}{0.369 \text{ MGD}}$	=	\$49,783
Share of Pipe 4 (15")	\$803,000	X	$\frac{0.022 \text{ MGD}}{0.351 \text{ MGD}}$	=	\$50,330
Share of Pipe 3 (15")	\$773,000	X	$\frac{0.022 \text{ MGD}}{0.287 \text{ MGD}}$	=	\$59,254
Share of Pipe 2 (10")	\$564,000	X	$\frac{0.022 \text{ MGD}}{0.164 \text{ MGD}}$	=	\$75,659
100% of Pipe 1 (10")				=	$\frac{\$325,000}{\$698,937}$
Interest (Present Worth 15-yr @ 4.50%)					<u>\$169,040</u>
Total					\$867,977

Acreage Component

Service Area for Pipe 1	=	43	Ac	X	85%	=	37	Ac
2/3 X $\frac{\$867,977}{37 \text{ Ac}}$	=	\$15,639						per Ac Inside City
		\$19,549						per Ac Outside City

Flow Component

22,000 gpd / 226 gpd per ERU	=	97	ERU's
1/3 X $\frac{\$867,977}{97 \text{ ERUs}}$	=	\$2,982	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,982	3,728
1	2.5	7,455	9,319
1-1/2	5	14,910	18,638
2	8	23,856	29,820
3	16	47,712	59,640
4	25	74,550	93,188
6	50	149,100	186,375
8	80	238,560	298,200

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 2 - S.R. 25: Dowling to Ovitt

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.142 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$566,235
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.142 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$330,375
Share of Pipe 5 (15")	\$835,000	X	$\frac{0.142 \text{ MGD}}{0.369 \text{ MGD}}$	=	\$321,328
Share of Pipe 4 (15")	\$803,000	X	$\frac{0.142 \text{ MGD}}{0.351 \text{ MGD}}$	=	\$324,860
Share of Pipe 3 (15")	\$773,000	X	$\frac{0.142 \text{ MGD}}{0.287 \text{ MGD}}$	=	\$382,460
Share of Pipe 2 (10")	\$564,000	X	$\frac{0.142 \text{ MGD}}{0.164 \text{ MGD}}$	=	\$488,341
					<u>\$2,413,599</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$583,738</u>
Total					<u>\$2,997,337</u>

Acreage Component

Service Area for Pipe 2	=	164	Ac	X	85%	=	139	Ac
$\frac{2}{3} \times \frac{\$2,997,337}{139 \text{ Ac}}$	=	\$14,376						per Ac Inside City
		\$17,970						per Ac Outside City

Flow Component

142,000	gpd /	226	gpd per ERU	=	628	ERU's
$\frac{1}{3} \times \frac{\$2,997,337}{628 \text{ ERUs}}$				=	\$1,591	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,591	1,989
1	2.5	3,978	4,972
1-1/2	5	7,955	9,944
2	8	12,728	15,910
3	16	25,456	31,820
4	25	39,775	49,719
6	50	79,550	99,438
8	80	127,280	159,100
10	115	182,965	228,706

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 3 - S.R. 25: Ovitt to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.123 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$490,471
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.123 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$286,170
Share of Pipe 5 (15")	\$835,000	X	$\frac{0.123 \text{ MGD}}{0.369 \text{ MGD}}$	=	\$278,333
Share of Pipe 4 (15")	\$803,000	X	$\frac{0.123 \text{ MGD}}{0.351 \text{ MGD}}$	=	\$281,393
Share of Pipe 3 (15")	\$773,000	X	$\frac{0.123 \text{ MGD}}{0.287 \text{ MGD}}$	=	\$331,286
					<u>\$1,667,653</u>
Interest (Present Worth 15-yr @ 4.50%)					<u>\$403,328</u>
			Total		<u>\$2,070,981</u>

Acreage Component

Service Area for Pipe 3	=	131	Ac	X	85%	=	111	Ac
2/3 X <u>\$2,070,981</u>	=	\$12,438						per Ac Inside City
111 Ac		\$15,548						per Ac Outside City

Flow Component

123,000	gpd /	226	gpd per ERU	=	544	ERU's
1/3 X <u>\$2,070,981</u>				=	\$1,269	per ERU
		544 ERUs				

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,269	1,586
1	2.5	3,173	3,966
1-1/2	5	6,345	7,931
2	8	10,152	12,690
3	16	20,304	25,380
4	25	31,725	39,656
6	50	63,450	79,313
8	80	101,520	126,900
10	115	145,935	182,419

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 4 - S.R. 25: North from Reitz 1/2 Way to Five Point

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.065 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$259,192
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.065 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$151,228
Share of Pipe 5 (15")	\$835,000	X	$\frac{0.065 \text{ MGD}}{0.369 \text{ MGD}}$	=	\$147,087
Share of Pipe 4 (15")	\$803,000	X	$\frac{0.065 \text{ MGD}}{0.351 \text{ MGD}}$	=	\$148,704
					\$706,211
					Interest (Present Worth 15-yr @ 4.50%)
					Total
					\$877,011

Acreage Component

Service Area for Pipe 4	=	80	Ac	X	85%	=	68	Ac
2/3 X $\frac{\$877,011}{68}$	=	\$8,598						per Ac Inside City
		\$10,748						per Ac Outside City

Flow Component

65,000	gpd /	226	gpd per ERU	=	288	ERU's
1/3 X $\frac{\$877,011}{288 \text{ ERUs}}$				=	\$1,015	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,015	1,269
1	2.5	2,538	3,172
1-1/2	5	5,075	6,344
2	8	8,120	10,150
3	16	16,240	20,300
4	25	25,375	31,719
6	50	50,750	63,438
8	80	81,200	101,500
10	115	116,725	145,906

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 5 - S.R. 25: From 1/2 Way BTW Reitz & Five Point North to Five Point

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.018}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$71,776
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.018}{1.136}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$41,879
Share of Pipe 5 (18")	\$835,000	X	$\frac{0.018}{0.369}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$40,732
						\$154,387
						Interest (Present Worth 15-yrs @ 4.50%)
						\$37,339
					Total	\$191,726

Acreage Component

Service Area for Pipe 5	=	34	Ac	X	85%	=	29	Ac
2/3 X <u>\$191,726</u>	=	\$4,407						per Ac Inside City
29 Ac		\$5,509						per Ac Outside City

Flow Component

18,000	gpd /	226	gpd per ERU	=	80	ERU's
1/3 X <u>\$191,726</u>				=	\$799	per ERU
		80 ERUs				

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	799	999
1	2.5	1,998	2,497
1-1/2	5	3,995	4,994
2	8	6,392	7,990
3	16	12,784	15,980
4	25	19,975	24,969
6	50	39,950	49,938
8	80	63,920	79,900

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 6 - Frusher North to Five Point

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.045 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$179,441
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.045 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$104,696
Share of St. Clare Commons Oversizing	\$61,997	X	$\frac{0.045 \text{ MGD}}{0.343 \text{ MGD}}$	=	\$8,134
Share of Pipe 8 (15")	\$414,000	X	$\frac{0.045 \text{ MGD}}{0.343 \text{ MGD}}$	=	\$54,315
100% of Pipe 6 (10")				=	$\frac{\$475,000}{\$821,586}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$198,704}{\$1,020,290}$
Total					\$1,020,290

Acreage Component

Service Area for Pipe 6	=	88	Ac	X	85%	=	75	Ac
2/3 X $\frac{\$1,020,290}{75 \text{ Ac}}$	=	\$9,069						per Ac Inside City
		\$11,337						per Ac Outside City

Flow Component

45,000 gpd / 226 gpd per ERU	=	199	ERU's
1/3 X $\frac{\$1,020,290}{199 \text{ ERUs}}$	=	\$1,709	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,709	2,136
1	2.5	4,273	5,341
1-1/2	5	8,545	10,681
2	8	13,672	17,090
3	16	27,344	34,180
4	25	42,725	53,406
6	50	85,450	106,813
8	80	136,720	170,900
10	115	196,535	245,669

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 7 - Five Point: I-75 to Frusher

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.098 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$390,782
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.098 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$228,005
Share of St. Clare Commons Oversizing	\$61,997	X	$\frac{0.098 \text{ MGD}}{0.343 \text{ MGD}}$	=	\$17,713
Share of Pipe 8 (15")	\$414,000	X	$\frac{0.098 \text{ MGD}}{0.343 \text{ MGD}}$	=	\$118,286
100% of Pipe 7 (8")				=	<u>\$178,000</u>
					\$932,786
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$225,598</u>
Total					<u>\$1,158,384</u>

Acreage Component

Service Area for Pipe 7	=	76	Ac	X	85%	=	65	Ac
2/3 X $\frac{\$1,158,384}{65 \text{ Ac}}$	=	\$11,881						per Ac Inside City
		\$14,851						per Ac Outside City

Flow Component

98,000 gpd / 226 gpd per ERU	=	434	ERU's
1/3 X $\frac{\$1,158,384}{434 \text{ ERUs}}$	=	\$890	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	890	1,113
1	2.5	2,225	2,781
1-1/2	5	4,450	5,563
2	8	7,120	8,900
3	16	14,240	17,800
4	25	22,250	27,813
6	50	44,500	55,625
8	80	71,200	89,000
10	115	102,350	127,938

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 8 - Five Point: Frusher to Ex. MH on East Side of S.R. 25

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.201}{4.094}$	MGD	=	\$801,501
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.201}{1.136}$	MGD	=	\$467,643
Share of St. Clare Commons Oversizing	\$61,997	X	$\frac{0.201}{0.343}$	MGD	=	\$36,330
Share of Pipe 8 (15")	\$414,000	X	$\frac{0.201}{0.343}$	MGD	=	<u>\$242,606</u>
						\$1,548,080
Interest (Present Worth 15-yrs @ 4.50%)						<u>\$374,409</u>
					Total	<u>\$1,922,489</u>

Acreage Component

Service Area for Pipe 8	=	239	Ac	X	85%	=	203	Ac
2/3 X $\frac{\$1,922,489}{203 \text{ Ac}}$	=	\$6,314						per Ac Inside City
		\$7,892						per Ac Outside City

Flow Component

201,000 gpd / 226 gpd per ERU	=	889	ERU's
1/3 X $\frac{\$1,922,489}{889 \text{ ERUs}}$	=	\$721	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	721	901
1	2.5	1,803	2,253
1-1/2	5	3,605	4,506
2	8	5,768	7,210
3	16	11,536	14,420
4	25	18,025	22,531
6	50	36,050	45,063
8	80	57,680	72,100
10	115	82,915	103,644

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 9 - South on the East Side of S.R. 25 from Five Point

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.042 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$167,478
Share of Attachment D Costs	\$423,600	X	$\frac{0.042 \text{ MGD}}{0.165 \text{ MGD}}$	=	\$107,825
Share of Pipe 11 (24")	\$2,643,000	X	$\frac{0.042 \text{ MGD}}{1.136 \text{ MGD}}$	=	\$97,717
100% of Pipe 9 (10")				=	<u>\$161,000</u>
					\$534,020
					Interest (Present Worth 15-yr @ 4.50%)
					<u>\$129,155</u>
				Total	\$663,175

Acreage Component

Service Area for Pipe 9	=	83	Ac	X	85%	=	71	Ac
2/3 X $\frac{\$663,175}{71 \text{ Ac}}$	=	\$6,227						per Ac Inside City
		\$7,784						per Ac Outside City

Flow Component

42,000 gpd / 226 gpd per ERU	=	186	ERU's
1/3 X $\frac{\$663,175}{186 \text{ ERUs}}$	=	\$1,188	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,188	1,485
1	2.5	2,970	3,713
1-1/2	5	5,940	7,425
2	8	9,504	11,880
3	16	19,008	23,760
4	25	29,700	37,125
6	50	59,400	74,250
8	80	95,040	118,800
10	115	136,620	170,775

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 10 - North on West Side of S.R. 25 from Five Point

$$\text{Share of Attachment A Costs} \quad \$16,325,100 \times \frac{0.234 \text{ MGD}}{4.094 \text{ MGD}} = \$933,091$$

$$\text{Share of Pipe 11 (24")} \quad \$2,643,000 \times \frac{0.234 \text{ MGD}}{1.136 \text{ MGD}} = \$544,421$$

$$100\% \text{ of Pipe 10 (12")} = \frac{\$543,000}{\$2,020,512}$$

$$\text{Interest (Present Worth 15-yrs @ 4.50\%)} \quad \underline{\$488,668}$$

Total **\$2,509,180**

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 10} & = & 228 \text{ Ac} \times 85\% = 194 \text{ Ac} \\ \frac{2}{3} \times \frac{\$2,509,180}{194 \text{ Ac}} & = & \begin{array}{l} \$8,623 \text{ per Ac Inside City} \\ \$10,778 \text{ per Ac Outside City} \end{array} \end{array}$$

Flow Component

$$\begin{array}{lcl} 234,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 1035 \text{ ERU's} \\ \frac{1}{3} \times \frac{\$2,509,180}{1035 \text{ ERUs}} & = & \$808 \text{ per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	808	1,010
1	2.5	2,020	2,525
1-1/2	5	4,040	5,050
2	8	6,464	8,080
3	16	12,928	16,160
4	25	20,200	25,250
6	50	40,400	50,500
8	80	64,640	80,800
10	115	92,920	116,150

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 11 - Five Point: S.R. 25 to Rivers Edge

$$\text{Share of Attachment A Costs} \quad \$16,325,100 \times \frac{0.084 \text{ MGD}}{4.094 \text{ MGD}} = \$334,956$$

$$\text{Share of Pipe 11 (24")} \quad \$2,643,000 \times \frac{0.084 \text{ MGD}}{1.136 \text{ MGD}} = \$195,433$$

\$530,389

Interest (Present Worth 15-yr @ 4.50%)

\$128,277

Total

\$658,666

Acreage Component

$$\begin{array}{rclclcl} \text{Service Area for Pipe 11} & = & 176 & \text{Ac} & \times & 85\% = 150 \text{ Ac} \\ 2/3 \times \frac{\$658,666}{150 \text{ Ac}} & = & \$2,927 & \text{per Ac Inside City} \\ & & \$3,659 & \text{per Ac Outside City} \end{array}$$

Flow Component

$$\begin{array}{rclclcl} 84,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 372 & \text{ERU's} \\ 1/3 \times \frac{\$658,666}{372 \text{ ERUs}} & = & \$590 & \text{per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	590	738
1	2.5	1,475	1,844
1-1/2	5	2,950	3,688
2	8	4,720	5,900
3	16	9,440	11,800
4	25	14,750	18,438
6	50	29,500	36,875
8	80	47,200	59,000
10	115	67,850	84,813

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 11A - Five Point: Ft. Meigs to Rivers Edge

$$\text{Share of Attachment A Costs} \quad \$16,325,100 \times \frac{0.006 \text{ MGD}}{4.094 \text{ MGD}} = \$23,925$$

$$100\% \text{ of Pipe 11A (8")} \quad \$138,000 \times \frac{0.006 \text{ MGD}}{1.136 \text{ MGD}} = \$729$$

\$24,654

Interest (Present Worth 15-yr @ 4.50%)

\$5,963

Total

\$30,617

Acreage Component

$$\begin{array}{lclclcl} \text{Service Area for Pipe 11A} & = & 14 & \text{Ac} & \times & 85\% & = & 12 & \text{Ac} \\ 2/3 \times \frac{\$30,617}{12 \text{ Ac}} & = & \$1,701 & & & & & & \text{per Ac Inside City} \\ & & \$2,126 & & & & & & \text{per Ac Outside City} \end{array}$$

Flow Component

$$\begin{array}{lclclcl} 6,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 27 & \text{ERU's} \\ 1/3 \times \frac{\$30,617}{27 \text{ ERUs}} & = & \$378 & \text{per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	378	473
1	2.5	945	1,181
1-1/2	5	1,890	2,363
2	8	3,024	3,780
3	16	6,048	7,560
4	25	9,450	11,813

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 12 - Dowling East to Frusher

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.275 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$1,096,581
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.275 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$202,773
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.275 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$57,670
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.275 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$315,394
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.275 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$316,440
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.275 \text{ MGD}}{1.896 \text{ MGD}}$	=	\$454,852
Share of Pipe 14 (18")	\$1,502,000	X	$\frac{0.275 \text{ MGD}}{0.530 \text{ MGD}}$	=	\$779,340
100% of Pipe 12 (15")				=	$\frac{\$950,000}{\$4,173,050}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$1,009,267}{\$5,182,317}$
Total					\$5,182,317

Acreage Component

Service Area for Pipe 12	=	215	Ac	X	85%	=	183	Ac
$\frac{2}{3} \times \frac{\$5,182,317}{183 \text{ Ac}}$	=	\$18,879						
		\$23,599						

Flow Component

275,000 gpd / 226 gpd per ERU	=	1217	ERU's
$\frac{1}{3} \times \frac{\$5,182,317}{1217 \text{ ERUs}}$	=	\$1,419	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,419	1,774
1	2.5	3,548	4,434
1-1/2	5	7,095	8,869
2	8	11,352	14,190
3	16	22,704	28,380
4	25	35,475	44,344
6	50	70,950	88,688
8	80	113,520	141,900
10	115	163,185	203,981

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 13 - Dowling: I-75 to Frusher

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.015 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$59,814
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.015 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$11,060
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.015 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$3,146
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.015 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$17,203
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.015 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$17,260
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.015 \text{ MGD}}{1.896 \text{ MGD}}$	=	\$24,810
Share of Pipe 14 (18")	\$1,502,000	X	$\frac{0.015 \text{ MGD}}{0.530 \text{ MGD}}$	=	\$42,509
100% of Pipe 13 (8")				=	$\frac{\$182,000}{\$357,802}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$86,536}{\$444,338}$
Total					\$444,338

Acreage Component

Service Area for Pipe 13	=	12	Ac	X	85%	=	10	Ac
$\frac{2}{3} \times \frac{\$444,338}{10 \text{ Ac}}$	=	\$29,622						per Ac Inside City
		\$37,028						per Ac Outside City

Flow Component

15,000 gpd / 226 gpd per ERU	=	66	ERU's
$\frac{1}{3} \times \frac{\$444,338}{66 \text{ ERUs}}$	=	\$2,244	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,244	2,805
1	2.5	5,610	7,013
1-1/2	5	11,220	14,025
2	8	17,952	22,440
3	16	35,904	44,880
4	25	56,100	70,125
6	50	112,200	140,250

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 14 - Frusher: Dowling to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.240 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$957,016
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.240 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$176,966
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.240 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$50,331
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.240 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$275,253
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.240 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$276,166
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.240 \text{ MGD}}{1.896 \text{ MGD}}$	=	\$396,962
Share of Pipe 14 (18")	\$1,502,000	X	$\frac{0.240 \text{ MGD}}{0.530 \text{ MGD}}$	=	\$680,151
					<u>\$2,812,845</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$680,297</u>
Total					<u>\$3,493,142</u>

Acreage Component

Service Area for Pipe 14	=	188	Ac	X	85%	=	160	Ac
$\frac{2}{3} \times \frac{\$3,493,142}{160 \text{ Ac}}$	=	\$14,555						per Ac Inside City
		\$18,193						per Ac Outside City

Flow Component

240,000 gpd / 226 gpd per ERU	=	1062	ERU's
$\frac{1}{3} \times \frac{\$3,493,142}{1062 \text{ ERUs}}$	=	\$1,096	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,096	1,370
1	2.5	2,740	3,425
1-1/2	5	5,480	6,850
2	8	8,768	10,960
3	16	17,536	21,920
4	25	27,400	34,250
6	50	54,800	68,500
8	80	87,680	109,600
10	115	126,040	157,550

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 15 - Frusher South to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.183 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$729,725
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.183 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$134,936
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.183 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$38,377
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.183 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$209,881
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.183 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$210,577
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.183 \text{ MGD}}{1.896 \text{ MGD}}$	=	\$302,684
100% of Pipe 15 (12")				=	$\frac{\$595,000}{\$2,221,180}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$537,200}{\$2,758,380}$
Total					\$2,758,380

Acreage Component

Service Area for Pipe 15	=	144	Ac	X	85%	=	122	Ac
2/3 X $\frac{\$2,758,380}{122 \text{ Ac}}$	=	\$15,073						per Ac Inside City
		\$18,841						per Ac Outside City

Flow Component

183,000 gpd / 226 gpd per ERU	=	810	ERU's
1/3 X $\frac{\$2,758,380}{810 \text{ ERUs}}$	=	\$1,135	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,135	1,419
1	2.5	2,838	3,547
1-1/2	5	5,675	7,094
2	8	9,080	11,350
3	16	18,160	22,700
4	25	28,375	35,469
6	50	56,750	70,938
8	80	90,800	113,500
10	115	130,525	163,156

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 16 - Reitz from Frusher to West Side of S.R. 25

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.455 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$1,814,343
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.455 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$335,498
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.455 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$95,418
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.455 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$521,834
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.455 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$523,565
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.455 \text{ MGD}}{1.896 \text{ MGD}}$	=	\$752,574
					<u>\$4,043,232</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$977,870</u>
Total					\$5,021,102

Acreage Component

Service Area for Pipe 16	=	357	Ac	X	85%	=	303	Ac
2/3 X <u>\$5,021,102</u>	=	\$11,048						per Ac Inside City
303 Ac		\$13,809						per Ac Outside City

Flow Component

455,000 gpd / 226 gpd per ERU	=	2013	ERU's
1/3 X <u>\$5,021,102</u>	=	\$831	per ERU
2013 ERUs			

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	831	1,039
1	2.5	2,078	2,597
1-1/2	5	4,155	5,194
2	8	6,648	8,310
3	16	13,296	16,620
4	25	20,775	25,969
6	50	41,550	51,938
8	80	66,480	83,100
10	115	95,565	119,456

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 17 - Reitz West to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.128 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$510,409
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.128 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$94,382
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.128 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$26,843
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.128 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$146,802
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.128 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$147,289
					<u>\$925,725</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$223,890</u>
Total					<u>\$1,149,615</u>

Acreage Component

Service Area for Pipe 17	=	255	Ac	X	85%	=	217	Ac
$\frac{2}{3} \times \frac{\$1,149,615}{217 \text{ Ac}}$	=	\$3,532						per Ac Inside City
		\$4,415						per Ac Outside City

Flow Component

128,000 gpd / 226 gpd per ERU	=	566	ERU's
$\frac{1}{3} \times \frac{\$1,149,615}{566 \text{ ERUs}}$	=	\$677	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	677	846
1	2.5	1,693	2,116
1-1/2	5	3,385	4,231
2	8	5,416	6,770
3	16	10,832	13,540
4	25	16,925	21,156
6	50	33,850	42,313
8	80	54,160	67,700
10	115	77,855	97,319

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 18 - King West to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.052 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$207,353
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.052 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$38,343
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.052 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$10,905
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.052 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$59,638
Share of Pipe 23 (18")	\$827,000	X	$\frac{0.052 \text{ MGD}}{0.362 \text{ MGD}}$	=	\$118,796
Share of Pipe 20 (12")	\$1,016,000	X	$\frac{0.052 \text{ MGD}}{0.184 \text{ MGD}}$	=	\$287,130
Share of P.S. 1 & 6" FM	\$529,000	X	$\frac{0.052 \text{ MGD}}{0.101 \text{ MGD}}$	=	\$272,356
100% of Pipe 18 (10")				=	$\frac{\$490,000}{\$1,484,521}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$359,037}{\$1,843,558}$
Total					\$1,843,558

Acreage Component

Service Area for Pipe 18	=	103	Ac	X	85%	=	88	Ac
$\frac{2}{3} \times \frac{\$1,843,558}{88 \text{ Ac}}$	=	\$13,966						per Ac Inside City
		\$17,458						per Ac Outside City

Flow Component

52,000 gpd / 226 gpd per ERU	=	230	ERU's
$\frac{1}{3} \times \frac{\$1,843,558}{230 \text{ ERUs}}$	=	\$2,672	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,672	3,340
1	2.5	6,680	8,350
1-1/2	5	13,360	16,700
2	8	21,376	26,720
3	16	42,752	53,440
4	25	66,800	83,500
6	50	133,600	167,000
8	80	213,760	267,200
10	115	307,280	384,100

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 19 - King: Hull Prairie to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.049 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$195,391
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.049 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$36,131
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.049 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$10,276
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.049 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$56,198
Share of Pipe 23 (18")	\$827,000	X	$\frac{0.049 \text{ MGD}}{0.362 \text{ MGD}}$	=	\$111,942
Share of Pipe 20 (12")	\$1,016,000	X	$\frac{0.049 \text{ MGD}}{0.184 \text{ MGD}}$	=	\$270,565
Share of P.S. 1 & 6" FM	\$529,000	X	$\frac{0.049 \text{ MGD}}{0.101 \text{ MGD}}$	=	\$256,644
100% of Pipe 19 (10")				=	$\frac{\$837,000}{\$1,774,147}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$429,084}{\$2,203,231}$
Total					\$2,203,231

Acreage Component

Service Area for Pipe 19	=	98	Ac	X	85%	=	83	Ac
$\frac{2}{3} \times \frac{\$2,203,231}{83 \text{ Ac}}$	=	\$17,697						per Ac Inside City
		\$22,121						per Ac Outside City

Flow Component

49,000 gpd / 226 gpd per ERU	=	217	ERU's
$\frac{1}{3} \times \frac{\$2,203,231}{217 \text{ ERUs}}$	=	\$3,384	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	3,384	4,230
1	2.5	8,460	10,575
1-1/2	5	16,920	21,150
2	8	27,072	33,840
3	16	54,144	67,680
4	25	84,600	105,750
6	50	169,200	211,500
8	80	270,720	338,400
10	115	389,160	486,450

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 20 - Pargillis: King to Ovitt

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.084 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$334,956
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.084 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$61,938
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.084 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$17,616
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.084 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$96,339
Share of Pipe 23 (18")	\$827,000	X	$\frac{0.084 \text{ MGD}}{0.362 \text{ MGD}}$	=	\$191,901
Share of Pipe 20 (12")	\$1,016,000	X	$\frac{0.084 \text{ MGD}}{0.184 \text{ MGD}}$	=	\$463,826
					<u>\$1,166,576</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$282,141</u>
Total					<u>\$1,448,717</u>

Acreage Component

Service Area for Pipe 20	=	166	Ac	X	85%	=	141	Ac
2/3 X $\frac{\$1,448,717}{141 \text{ Ac}}$	=	\$6,850						per Ac Inside City
		\$8,562						per Ac Outside City

Flow Component

84,000 gpd / 226 gpd per ERU	=	372	ERU's
1/3 X $\frac{\$1,448,717}{372 \text{ ERUs}}$	=	\$1,298	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,298	1,623
1	2.5	3,245	4,056
1-1/2	5	6,490	8,113
2	8	10,384	12,980
3	16	20,768	25,960
4	25	32,450	40,563
6	50	64,900	81,125
8	80	103,840	129,800
10	115	149,270	186,588

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 21 - Ovitt West to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.056 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$223,304
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.056 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$41,292
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.056 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$11,744
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.056 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$64,226
Share of Pipe 23 (18")	\$827,000	X	$\frac{0.056 \text{ MGD}}{0.362 \text{ MGD}}$	=	\$127,934
100% of Pipe 21 (8")				=	$\frac{\$694,000}{\$1,162,500}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$281,155}{\$1,443,655}$
Total					\$1,443,655

Acreage Component

Service Area for Pipe 21	=	112	Ac	X	85%	=	95	Ac
$\frac{2}{3} \times \frac{\$1,443,655}{95 \text{ Ac}}$	=	\$10,131						per Ac Inside City
		\$12,664						per Ac Outside City

Flow Component

56,000 gpd / 226 gpd per ERU	=	248	ERU's
$\frac{1}{3} \times \frac{\$1,443,655}{248 \text{ ERUs}}$	=	\$1,940	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,940	2,425
1	2.5	4,850	6,063
1-1/2	5	9,700	12,125
2	8	15,520	19,400
3	16	31,040	38,800
4	25	48,500	60,625
6	50	97,000	121,250
8	80	155,200	194,000
10	115	223,100	278,875

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 22 - Ovitt: Hull Prairie to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.103 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$410,719
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.103 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$75,948
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.103 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$21,600
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.103 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$118,130
Share of Pipe 23 (18")	\$827,000	X	$\frac{0.103 \text{ MGD}}{0.362 \text{ MGD}}$	=	\$235,307
100% of Pipe 22 (10")				=	$\frac{\$779,000}{\$1,640,704}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$396,810}{\$2,037,514}$
Total					\$2,037,514

Acreage Component

Service Area for Pipe 22	=	205	Ac	X	85%	=	174	Ac
$\frac{2}{3} \times \frac{\$2,037,514}{174 \text{ Ac}}$	=	\$7,807						per Ac Inside City
		\$9,758						per Ac Outside City

Flow Component

103,000 gpd / 226 gpd per ERU	=	456	ERU's
$\frac{1}{3} \times \frac{\$2,037,514}{456 \text{ ERUs}}$	=	\$1,489	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,489	1,861
1	2.5	3,723	4,653
1-1/2	5	7,445	9,306
2	8	11,912	14,890
3	16	23,824	29,780
4	25	37,225	46,531
6	50	74,450	93,063
8	80	119,120	148,900
10	115	171,235	214,044

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 23 - Pargillis: Ovitt to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.020}{4.094}$	MGD	=	\$79,751
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.020}{2.904}$	MGD	=	\$14,747
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.020}{2.904}$	MGD	=	\$4,194
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.020}{2.764}$	MGD	=	\$22,938
Share of Pipe 23 (18")	\$827,000	X	$\frac{0.020}{0.362}$	MGD	=	\$45,691
						<u>\$167,321</u>
Interest (Present Worth 15-yr @ 4.50%)						<u>\$40,467</u>
Total						\$207,788

Acreage Component

Service Area for Pipe 23	=	39	Ac	X	85%	=	33	Ac
$\frac{2}{3} \times \frac{\$207,788}{33 \text{ Ac}}$	=	\$4,198						per Ac Inside City
		\$5,247						per Ac Outside City

Flow Component

20,000 gpd / 226 gpd per ERU	=	88	ERU's
$\frac{1}{3} \times \frac{\$207,788}{88 \text{ ERUs}}$	=	\$787	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	787	984
1	2.5	1,968	2,459
1-1/2	5	3,935	4,919
2	8	6,296	7,870
3	16	12,592	15,740
4	25	19,675	24,594
6	50	39,350	49,188
8	80	62,960	78,700
10	115	90,505	113,131

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 24 - Hull Prairie: King to Ovitt

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.064}{4.094}$	MGD	=	\$255,204
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.064}{2.904}$	MGD	=	\$47,191
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.064}{2.904}$	MGD	=	\$13,421
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.064}{2.764}$	MGD	=	\$73,401
Share of Pipe 27 (15")	\$932,000	X	$\frac{0.064}{0.247}$	MGD	=	\$241,490
Share of P.S. 2 & 6" FM	\$672,000	X	$\frac{0.064}{0.180}$	MGD	=	\$238,933
Share of Pipe 25 (10")	\$743,000	X	$\frac{0.064}{0.064}$	MGD	=	\$743,000
100% of Pipe 24 (10")					=	$\frac{\$860,000}{\$2,472,640}$
Interest (Present Worth 15-yr @ 4.50%)						$\frac{\$598,017}{\$3,070,657}$
Total						\$3,070,657

Acreage Component

Service Area for Pipe 24	=	127	Ac	X	85%	=	108	Ac
$\frac{2}{3} \times \frac{\$3,070,657}{108 \text{ Ac}}$	=	\$18,955			per Ac Inside City			
		\$23,693			per Ac Outside City			

Flow Component

64,000 gpd / 226 gpd per ERU	=	283	ERU's
$\frac{1}{3} \times \frac{\$3,070,657}{283 \text{ ERUs}}$	=	\$3,616	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	3,616	4,520
1	2.5	9,040	11,300
1-1/2	5	18,080	22,600
2	8	28,928	36,160
3	16	57,856	72,320
4	25	90,400	113,000
6	50	180,800	226,000
8	80	289,280	361,600
10	115	415,840	519,800

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE**Pipe 25 - Hull Prairie: Ovitt to Reitz**

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.000 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$0
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.000 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$0
Share of Pipe 30 (36")	\$609,000	X	$\frac{0 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$0
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$0
Share of Pipe 27 (15")	\$932,000	X	$\frac{0 \text{ MGD}}{0.247 \text{ MGD}}$	=	\$0
Share of P.S. 2 & 6" FM	\$672,000	X	$\frac{0 \text{ MGD}}{0.18 \text{ MGD}}$	=	\$0
Share of Pipe 25 (10")	\$743,000	X	$\frac{0 \text{ MGD}}{0.064 \text{ MGD}}$	=	\$0
					\$0
Interest (Present Worth 15-yrs @ 4.50%)					\$0
Total					\$0

Acreage Component

Service Area for Pipe 25	=	0	Ac	X	85%	=	0	Ac
$\frac{2}{3} \times \$0$	=	0						
0 Ac		\$0						per Ac Outside City

Flow Component

$\frac{0}{1/3} \times \frac{\text{gpd}}{\$0}$	=	0	ERU's
$\frac{226 \text{ gpd}}{\$0}$	=	\$0	per ERU
0 ERUs			

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	0	0
1	2.5	0	0
1-1/2	5	0	0
2	8	0	0
3	16	0	0
4	25	0	0
6	50	0	0
8	80	0	0
10	115	0	0

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 26 - Hull Prairie: CSX to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.116 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$462,558
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.116 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$85,533
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.116 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$24,326
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.116 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$133,039
Share of Pipe 27 (15")	\$932,000	X	$\frac{0.116 \text{ MGD}}{0.247 \text{ MGD}}$	=	\$437,700
Share of P.S. 2 & 6" FM	\$672,000	X	$\frac{0.116 \text{ MGD}}{0.180 \text{ MGD}}$	=	\$433,067
100% of Pipe 26 (10")				=	$\frac{\$796,000}{\$2,372,223}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$573,731}{\$2,945,954}$
Total					\$2,945,954

Acreage Component

Service Area for Pipe 26	=	231	Ac	X	85%	=	196	Ac
$\frac{2}{3} \times \frac{\$2,945,954}{196 \text{ Ac}}$	=	\$10,020						
		\$12,525						

Flow Component

116,000 gpd / 226 gpd per ERU	=	513	ERU's
$\frac{1}{3} \times \frac{\$2,945,954}{513 \text{ ERUs}}$	=	\$1,914	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,914	2,393
1	2.5	4,785	5,981
1-1/2	5	9,570	11,963
2	8	15,312	19,140
3	16	30,624	38,280
4	25	47,850	59,813
6	50	95,700	119,625
8	80	153,120	191,400
10	115	220,110	275,138

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 27 - Reitz: Hull Prairie to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.068 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$271,155
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.068 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$50,140
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.068 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$14,260
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.068 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$77,988
Share of Pipe 27 (15")	\$932,000	X	$\frac{0.068 \text{ MGD}}{0.247 \text{ MGD}}$	=	\$256,583
					\$670,126
					Interest (Present Worth 15-yr @ 4.50%)
					\$162,072
					Total
					\$832,198

Acreage Component

Service Area for Pipe 27	=	134	Ac	X	85%	=	114	Ac
$\frac{2}{3} \times \frac{\$832,198}{114 \text{ Ac}}$	=	\$4,867						per Ac Inside City
		\$6,083						per Ac Outside City

Flow Component

68,000	gpd /	226	gpd per ERU	=	301	ERU's
$\frac{1}{3} \times \frac{\$832,198}{301 \text{ ERUs}}$				=	\$922	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	922	1,153
1	2.5	2,305	2,881
1-1/2	5	4,610	5,763
2	8	7,376	9,220
3	16	14,752	18,440
4	25	23,050	28,813
6	50	46,100	57,625
8	80	73,760	92,200
10	115	106,030	132,538

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 28 - Pargillis: Reitz to Five Point

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.132 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$526,359
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.132 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$97,331
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.132 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$27,682
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.132 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$151,389
					\$802,761
Interest (Present Worth 15-yrs @ 4.50%)					\$194,151
Total					\$996,912

Acreage Component

Service Area for Pipe 28	=	264	Ac	X	85%	=	224	Ac
2/3 X $\frac{\$996,912}{224 \text{ Ac}}$	=	\$2,967						per Ac Inside City
		\$3,709						per Ac Outside City

Flow Component

132,000 gpd / 226 gpd per ERU	=	584	ERU's
1/3 X $\frac{\$996,912}{584 \text{ ERUs}}$	=	\$569	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	569	711
1	2.5	1,423	1,778
1-1/2	5	2,845	3,556
2	8	4,552	5,690
3	16	9,104	11,380
4	25	14,225	17,781
6	50	28,450	35,563
8	80	45,520	56,900
10	115	65,435	81,794

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 29 - Five Point: CSX to Pargillis

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.035 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$139,565
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.035 \text{ MGD}}{2.890 \text{ MGD}}$	=	\$25,933
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.035 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$7,340
100% of Pipe 29 (10")				=	$\frac{\$573,000}{\$745,838}$
Interest (Present Worth 15-ys @ 4.50%)					$\frac{\$180,384}{\$926,222}$
Total					\$926,222

Acreage Component

Service Area for Pipe 29	=	83	Ac	X	85%	=	71	Ac
2/3 X $\frac{\$926,222}{71 \text{ Ac}}$	=	\$8,697						
		\$10,871						per Ac Outside City

Flow Component

35,000 gpd / 226 gpd per ERU	=	155	ERU's
1/3 X $\frac{\$926,222}{155 \text{ ERUs}}$	=	\$1,992	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,992	2,490
1	2.5	4,980	6,225
1-1/2	5	9,960	12,450
2	8	15,936	19,920
3	16	31,872	39,840
4	25	49,800	62,250
6	50	99,600	124,500
8	80	159,360	199,200
10	115	229,080	286,350

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 30 - Five Point: Pargillis Rivers Edge

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.033 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$131,590
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.033 \text{ MGD}}{2.890 \text{ MGD}}$	=	\$24,451
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.033 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$6,920
					<u>\$162,961</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$39,413</u>
Total					<u>\$202,374</u>

Acreage Component

Service Area for Pipe 30	=	86	Ac	X	85%	=	73	Ac
$\frac{2}{3} \times \frac{\$202,374}{73 \text{ Ac}}$	=	\$1,848						per Ac Inside City
		\$2,310						per Ac Outside City

Flow Component

33,000 gpd / 226 gpd per ERU	=	146	ERU's
$\frac{1}{3} \times \frac{\$202,374}{146 \text{ ERUs}}$	=	\$462	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	462	578
1	2.5	1,155	1,444
1-1/2	5	2,310	2,888
2	8	3,696	4,620
3	16	7,392	9,240
4	25	11,550	14,438
6	50	23,100	28,875
8	80	36,960	46,200
10	115	53,130	66,413

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 30A - North from The Preserve Subdivision West to CSX

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.033}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$131,590
Share of Pipe 30 (Coventry Pointe) Oversizing	\$1,024,556	X	$\frac{0.033}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$11,643
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.033}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$6,920
100% of Pipe 30A (10" / 8")					=	$\frac{\$428,000}{\$578,153}$
Interest (Present Worth 15-yrs @ 4.50%)						$\frac{\$139,828}{\$717,981}$
Total						\$717,981

Acreage Component

Service Area for Pipe 30A	=	79	Ac	X	85%	=	67	Ac
$\frac{2}{3} \times \frac{\$717,981}{67 \text{ Ac}}$	=	\$7,144						per Ac Inside City
		\$8,930						per Ac Outside City

Flow Component

33,000 gpd / 226 gpd per ERU	=	146	ERU's
$\frac{1}{3} \times \frac{\$717,981}{146 \text{ ERUs}}$	=	\$1,639	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,639	2,049
1	2.5	4,098	5,122
1-1/2	5	8,195	10,244
2	8	13,112	16,390
3	16	26,224	32,780
4	25	40,975	51,219
6	50	81,950	102,438
8	80	131,120	163,900
10	115	188,485	235,606

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 30B - West from The Preserve Subdivision West to CSX

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.040}{4.094}$	MGD	=	\$159,503
Share of Pipe 30 (Coventry Pointe) Oversizing	\$1,024,556	X	$\frac{0.040}{2.904}$	MGD	=	\$14,112
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.04}{2.904}$	MGD	=	\$8,388
100% of Pipe 30B (10" / 8")					=	$\frac{\$488,000}{\$670,003}$
Interest (Present Worth 15-yr @ 4.50%)						$\frac{\$162,043}{\$832,046}$
Total						\$832,046

Acreage Component

Service Area for Pipe 30B	=	95	Ac	X	85%	=	81	Ac
$\frac{2}{3} \times \frac{\$832,046}{81 \text{ Ac}}$	=	\$6,848						per Ac Inside City
		\$8,560						per Ac Outside City

Flow Component

40,000 gpd / 226 gpd per ERU	=	177	ERU's
$\frac{1}{3} \times \frac{\$832,046}{177 \text{ ERUs}}$	=	\$1,567	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,567	1,959
1	2.5	3,918	4,897
1-1/2	5	7,835	9,794
2	8	12,536	15,670
3	16	25,072	31,340
4	25	39,175	48,969
6	50	78,350	97,938
8	80	125,360	156,700
10	115	180,205	225,256

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 31 - Carter: CSX to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.018}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$71,776
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.018}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$13,272
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.018}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$3,775
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.018}{2.764}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$20,644
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.018}{2.024}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$20,712
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.018}{1.896}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$29,772
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.018}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$49,630
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.018}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$40,370
Share of Pipe 32 (12")	\$953,000	X	$\frac{0.018}{0.210}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$81,686
100% of Pipe 31 (10")					=	$\frac{\$253,000}{\$584,637}$
Interest (Present Worth 15-yrs @ 4.50%)						$\frac{\$141,397}{\$726,034}$
Total						\$726,034

Acreage Component

Service Area for Pipe 31	=	35	Ac	X	85%	=	30	Ac
2/3 X $\frac{\$726,034}{30}$ Ac	=	\$16,134						per Ac Inside City
		\$20,168						per Ac Outside City

Flow Component

18,000 gpd / 226 gpd per ERU	=	80	ERU's
1/3 X $\frac{\$726,034}{80}$ ERUs	=	\$3,025	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	3,025	3,781
1	2.5	7,563	9,453
1-1/2	5	15,125	18,906
2	8	24,200	30,250
3	16	48,400	60,500
4	25	75,625	94,531
6	50	151,250	189,063
8	80	242,000	302,500

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 32 - Reitz: Carter to Dunbridge

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.193}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$769,600
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.193}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$142,310
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.193}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$40,474
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.193}{2.764}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$221,349
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.193}{2.024}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$222,083
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.193}{1.896}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$319,224
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.193}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$532,140
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.193}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$432,860
Share of Pipe 32 (12")	\$953,000	X	$\frac{0.193}{0.210}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$875,852
						<u>\$3,555,892</u>
Interest (Present Worth 15-ys @ 4.50%)						<u>\$860,005</u>
Total						<u>\$4,415,897</u>

Acreage Component

Service Area for Pipe 32	=	383	Ac	X	85%	=	326	Ac
$\frac{2}{3} \times \frac{\$4,415,897}{326 \text{ Ac}}$	=	\$9,030						
		\$11,288						

Flow Component

193,000 gpd / 226 gpd per ERU	=	854	ERU's
$\frac{1}{3} \times \frac{\$4,415,897}{854 \text{ ERUs}}$	=	\$1,723	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,723	2,154
1	2.5	4,308	5,384
1-1/2	5	8,615	10,769
2	8	13,784	17,230
3	16	27,568	34,460
4	25	43,075	53,844
6	50	86,150	107,688
8	80	137,840	172,300
10	115	198,145	247,681

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 33 - Dunbridge Southwest to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.066}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$263,179
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.066}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$48,666
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.066}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$13,841
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.066}{2.764}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$75,695
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.066}{2.024}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$75,946
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.066}{1.896}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$109,165
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.066}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$181,975
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.066}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$148,025
100% of Pipe 33 (10")					=	<u>\$689,000</u>
						\$1,605,492
Interest (Present Worth 15-yrs @ 4.50%)						<u>\$388,294</u>
Total						<u>\$1,993,786</u>

Acreage Component

Service Area for Pipe 33	=	130	Ac	X	85%	=	111	Ac
$\frac{2}{3} \times \frac{\$1,993,786}{111 \text{ Ac}}$	=	\$11,975						per Ac Inside City
		\$14,968						per Ac Outside City

Flow Component

66,000	gpd /	226	gpd per ERU	=	292	ERU's
$\frac{1}{3} \times \frac{\$1,993,786}{292 \text{ ERUs}}$				=	\$2,276	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,276	2,845
1	2.5	5,690	7,113
1-1/2	5	11,380	14,225
2	8	18,208	22,760
3	16	36,416	45,520
4	25	56,900	71,125
6	50	113,800	142,250
8	80	182,080	227,600
10	115	261,740	327,175

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 34 - Dowling: CSX to Dunbridge

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.092}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$366,856
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.092}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$67,837
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.092}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$19,293
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.092}{2.764}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$105,514
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.092}{2.024}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$105,864
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.092}{1.896}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$152,169
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.092}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$253,663
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.092}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$206,337
Share of Pipe 36 (15")	\$1,572,000	X	$\frac{0.092}{0.255}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$567,153
100% of Pipe 34 (10")					=	<u>\$665,000</u> \$2,509,686
Interest (Present Worth 15-yrs @ 4.50%)						<u>\$606,977</u>
Total						<u>\$3,116,663</u>

Acreage Component

Service Area for Pipe 34	=	182	Ac	X	85%	=	155	Ac
$\frac{2}{3} \times \frac{\$3,116,663}{155 \text{ Ac}}$	=	\$13,405						per Ac Inside City
		\$16,756						per Ac Outside City

Flow Component

92,000 gpd / 226 gpd per ERU	=	407	ERU's
$\frac{1}{3} \times \frac{\$3,116,663}{407 \text{ ERUs}}$	=	\$2,552	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,552	3,190
1	2.5	6,380	7,975
1-1/2	5	12,760	15,950
2	8	20,416	25,520
3	16	40,832	51,040
4	25	63,800	79,750
6	50	127,600	159,500
8	80	204,160	255,200
10	115	293,480	366,850

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE**Pipe 35 - Dowling East to Dunbridge**

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.080}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$319,005
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.080}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$58,989
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.080}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$16,777
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.080}{2.764}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$91,751
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.080}{2.024}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$92,055
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.080}{1.896}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$132,321
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.080}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$220,576
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.080}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$179,424
Share of Pipe 36 (15")	\$1,572,000	X	$\frac{0.080}{0.255}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$493,176
100% of Pipe 35 (10")					=	<u>\$616,000</u>
						\$2,220,074
Interest (Present Worth 15-yr @ 3.00%)						<u>\$397,545</u>
Total						<u>\$2,617,619</u>

Acreage Component

Service Area for Pipe 35	=	159	Ac	X	85%	=	135	Ac
2/3 X <u>\$2,617,619</u>	=	\$12,927						per Ac Inside City
135 Ac		\$16,158						per Ac Outside City

Flow Component

80,000 gpd / 226 gpd per ERU	=	354	ERU's
1/3 X <u>\$2,617,619</u>	=	\$2,465	per ERU
354 ERUs			

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,465	3,081
1	2.5	6,163	7,703
1-1/2	5	12,325	15,406
2	8	19,720	24,650
3	16	39,440	49,300
4	25	61,625	77,031
6	50	123,250	154,063
8	80	197,200	246,500
10	115	283,475	354,344

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 36 - Dunbridge: Dowling to Reitz

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.084}{4.094}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$334,956
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.084}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$61,938
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.084}{2.904}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$17,616
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.084}{2.764}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$96,339
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.084}{2.024}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$96,658
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.084}{1.896}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$138,937
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.084}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$231,605
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.084}{0.729}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$188,395
Share of Pipe 36 (15")	\$1,572,000	X	$\frac{0.084}{0.255}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$517,835
						\$1,684,279
Interest (Present Worth 15-yr @ 4.50%)						\$407,349
Total						\$2,091,628

Acreage Component

Service Area for Pipe 36	=	167	Ac	X	85%	=	142	Ac
$\frac{2}{3} \times \frac{\$2,091,628}{142 \text{ Ac}}$	=	\$9,820						per Ac Inside City
		\$12,275						per Ac Outside City

Flow Component

84,000 gpd / 226 gpd per ERU	=	372	ERU's
$\frac{1}{3} \times \frac{\$2,091,628}{372 \text{ ERUs}}$	=	\$1,874	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,874	2,343
1	2.5	4,685	5,856
1-1/2	5	9,370	11,713
2	8	14,992	18,740
3	16	29,984	37,480
4	25	46,850	58,563
6	50	93,700	117,125
8	80	149,920	187,400
10	115	215,510	269,388

AREA TRIBUTARY TO P.S. 3 ON RIVERS EDGE DRIVE

Pipe 37 - Reitz: Dunbridge to I-75

Share of Attachment A Costs	\$16,325,100	X	$\frac{0.199 \text{ MGD}}{4.094 \text{ MGD}}$	=	\$793,526
Share of Pipe 30 (Coventry Pointe) Oversizing	\$2,141,286	X	$\frac{0.199 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$146,734
Share of Pipe 30 (36")	\$609,000	X	$\frac{0.199 \text{ MGD}}{2.904 \text{ MGD}}$	=	\$41,732
Share of Pipe 28 (36")	\$3,170,000	X	$\frac{0.199 \text{ MGD}}{2.764 \text{ MGD}}$	=	\$228,231
Share of Pipe 17 (36")	\$2,329,000	X	$\frac{0.199 \text{ MGD}}{2.024 \text{ MGD}}$	=	\$228,988
Share of Pipe 16 (36")	\$3,136,000	X	$\frac{0.199 \text{ MGD}}{1.896 \text{ MGD}}$	=	\$329,148
Share of P.S. 4 & 14" FM	\$2,010,000	X	$\frac{0.199 \text{ MGD}}{0.729 \text{ MGD}}$	=	\$548,683
Share of Pipe 37 (24")	\$1,635,000	X	$\frac{0.199 \text{ MGD}}{0.729 \text{ MGD}}$	=	\$446,317
					<u>\$2,763,359</u>
Interest (Present Worth 15-yr @ 4.50%)					<u>\$668,328</u>
Total					<u>\$3,431,687</u>

Acreage Component

Service Area for Pipe 37	=	397	Ac	X	85%	=	337	Ac
$\frac{2}{3} \times \frac{\$3,431,687}{337 \text{ Ac}}$	=	\$6,789						per Ac Inside City
		\$8,486						per Ac Outside City

Flow Component

199,000 gpd / 226 gpd per ERU	=	881	ERU's
$\frac{1}{3} \times \frac{\$3,431,687}{881 \text{ ERUs}}$	=	\$1,298	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,298	1,623
1	2.5	3,245	4,056
1-1/2	5	6,490	8,113
2	8	10,384	12,980
3	16	20,768	25,960
4	25	32,450	40,563
6	50	64,900	81,125
8	80	103,840	129,800
10	115	149,270	186,588

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 38 - Schroeder: CSX to S.R. 199

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.012 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$85,029
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.012 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$16,371
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.012 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$27,667
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.012 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$34,157
Share of Pipe 39 (10")	\$847,000	X	$\frac{0.012 \text{ MGD}}{0.068 \text{ MGD}}$	=	\$149,471
100% of Pipe 38 (8")				=	$\frac{\$139,000}{\$451,695}$
Interest (Present Worth 15-yr @ 4.50%)					<u>\$109,244</u>
Total					\$560,939

Acreage Component

Service Area for Pipe 38	=	23	Ac	X	85%	=	20	Ac
$\frac{2}{3} \times \frac{\$560,939}{20 \text{ Ac}}$	=	\$18,698						per Ac Inside City
		\$23,372						per Ac Outside City

Flow Component

12,000 gpd / 226 gpd per ERU	=	53	ERU's
$\frac{1}{3} \times \frac{\$560,939}{53 \text{ ERUs}}$	=	\$3,528	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	3,528	4,410
1	2.5	8,820	11,025
1-1/2	5	17,640	22,050
2	8	28,224	35,280
3	16	56,448	70,560
4	25	88,200	110,250
6	50	176,400	220,500

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 39 - S.R. 199: Northwest to Five Point

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.056 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$396,803
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.056 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$76,397
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.056 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$129,114
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.056 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$159,397
Share of Pipe 39 (10")	\$847,000	X	$\frac{0.056 \text{ MGD}}{0.068 \text{ MGD}}$	=	\$697,529
					\$1,459,240
Interest (Present Worth 15-yrs @ 4.50%)					\$352,922
					Total
					\$1,812,162

Acreage Component

Service Area for Pipe 39	=	112	Ac	X	85%	=	95	Ac
$\frac{2}{3} \times \frac{\$1,812,162}{95 \text{ Ac}}$	=	\$12,717						per Ac Inside City
		\$15,896						per Ac Outside City

Flow Component

56,000 gpd / 226 gpd per ERU	=	248	ERU's
$\frac{1}{3} \times \frac{\$1,812,162}{248 \text{ ERUs}}$	=	\$2,435	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,435	3,044
1	2.5	6,088	7,609
1-1/2	5	12,175	15,219
2	8	19,480	24,350
3	16	38,960	48,700
4	25	60,875	76,094
6	50	121,750	152,188
8	80	194,800	243,500
10	115	280,025	350,031

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 40 - Dunbridge Northeast to Five Point

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.047 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$333,031
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.047 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$64,119
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.047 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$108,364
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.047 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$133,780
100% of Pipe 40 (8")				=	$\frac{\$639,000}{\$1,278,294}$
Interest (Present Worth 15-ys @ 4.50%)					$\frac{\$309,160}{\$1,587,454}$
Total					\$1,587,454

Acreage Component

Service Area for Pipe 40	=	93	Ac	X	85%	=	79	Ac
$\frac{2}{3} \times \frac{\$1,587,454}{79 \text{ Ac}}$	=	\$13,396						per Ac Inside City
		\$16,745						per Ac Outside City

Flow Component

47,000 gpd / 226 gpd per ERU	=	208	ERU's
$\frac{1}{3} \times \frac{\$1,587,454}{208 \text{ ERUs}}$	=	\$2,544	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,544	3,180
1	2.5	6,360	7,950
1-1/2	5	12,720	15,900
2	8	20,352	25,440
3	16	40,704	50,880
4	25	63,600	79,500
6	50	127,200	159,000
8	80	203,520	254,400
10	115	292,560	365,700

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 41 - Five Point: CSX to Thompson

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.032 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$226,744
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.032 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$43,656
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.032 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$73,779
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.032 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$91,084
Share of Pipe 43 (10")	\$433,000	X	$\frac{0.032 \text{ MGD}}{0.082 \text{ MGD}}$	=	\$168,976
100% of Pipe 41 (10")				=	$\frac{\$267,000}{\$871,239}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$210,712}{\$1,081,951}$
Total					\$1,081,951

Acreage Component

Service Area for Pipe 41	=	71	Ac	X	85%	=	60	Ac
$\frac{2}{3} \times \frac{\$1,081,951}{60 \text{ Ac}}$	=	\$12,022						per Ac Inside City
		\$15,027						per Ac Outside City

Flow Component

32,000 gpd / 226 gpd per ERU	=	142	ERU's
$\frac{1}{3} \times \frac{\$1,081,951}{142 \text{ ERUs}}$	=	\$2,540	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,540	3,175
1	2.5	6,350	7,938
1-1/2	5	12,700	15,875
2	8	20,320	25,400
3	16	40,640	50,800
4	25	63,500	79,375
6	50	127,000	158,750
8	80	203,200	254,000
10	115	292,100	365,125

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 42 - Thompson South to Five Point

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.018 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$127,544
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.018 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$24,556
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.018 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$41,501
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.018 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$51,235
Share of Pipe 43 (10")	\$433,000	X	$\frac{0.018 \text{ MGD}}{0.082 \text{ MGD}}$	=	\$95,049
100% of Pipe 42 (8")				=	$\frac{\$224,000}{\$563,885}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$136,378}{\$700,263}$
Total					\$700,263

Acreage Component

Service Area for Pipe 42	=	46	Ac	X	85%	=	39	Ac
$\frac{2}{3} \times \frac{\$700,263}{39 \text{ Ac}}$	=	\$11,970						per Ac Inside City
		\$14,963						per Ac Outside City

Flow Component

18,000 gpd / 226 gpd per ERU	=	80	ERU's
$\frac{1}{3} \times \frac{\$700,263}{80 \text{ ERUs}}$	=	\$2,917	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u>	<u>Outside City</u>
		<u>Charge (\$)</u>	<u>Charge (\$)</u>
5/8	1	2,917	3,646
1	2.5	7,293	9,116
1-1/2	5	14,585	18,231
2	8	23,336	29,170
3	16	46,672	58,340
4	25	72,925	91,156
6	50	145,850	182,313
8	80	233,360	291,700

AREA TRIBUTARY TO P.S. 6 ON S.R. 199**Pipe 43 - Five Point: Thompson to S.R. 199**

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.032 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$226,744
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.032 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$43,656
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.032 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$73,779
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.032 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$91,084
Share of Pipe 43 (10")	\$433,000	X	$\frac{0.032 \text{ MGD}}{0.082 \text{ MGD}}$	=	\$168,976
					\$604,239
Interest (Present Worth 15-ys @ 4.50%)					
Total					\$146,137
					\$750,376

Acreage Component

Service Area for Pipe 43	=	68	Ac	X	85%	=	58	Ac
$\frac{2}{3} \times \frac{\$750,376}{58 \text{ Ac}}$	=	\$8,625						per Ac Inside City
		\$10,781						per Ac Outside City

Flow Component

$\frac{32,000 \text{ gpd}}{1/3} \times \frac{226 \text{ gpd per ERU}}{\$750,376}$	=	142	ERU's
142 ERUs	=	\$1,761	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,761	2,201
1	2.5	4,403	5,503
1-1/2	5	8,805	11,006
2	8	14,088	17,610
3	16	28,176	35,220
4	25	44,025	55,031
6	50	88,050	110,063
8	80	140,880	176,100
10	115	202,515	253,144

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 44 - Five Point East to S.R. 199

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.090 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$637,719
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.090 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$122,781
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.090 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$207,505
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.090 \text{ MGD}}{0.345 \text{ MGD}}$	=	\$256,174
100% of Pipe 44 (8")				=	$\frac{\$655,000}{\$1,879,179}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$454,486}{\$2,333,665}$
Total					\$2,333,665

Acreage Component

Service Area for Pipe 44	=	197	Ac	X	85%	=	167	Ac
$\frac{2}{3} \times \frac{\$2,333,665}{167 \text{ Ac}}$	=	\$9,316						per Ac Inside City
		\$11,645						per Ac Outside City

Flow Component

90,000 gpd / 226 gpd per ERU	=	398	ERU's
$\frac{1}{3} \times \frac{\$2,333,665}{398 \text{ ERUs}}$	=	\$1,954	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u>	<u>Outside City</u>
		<u>Charge (\$)</u>	<u>Charge (\$)</u>
5/8	1	1,954	2,443
1	2.5	4,885	6,106
1-1/2	5	9,770	12,213
2	8	15,632	19,540
3	16	31,264	39,080
4	25	48,850	61,063
6	50	97,700	122,125
8	80	156,320	195,400
10	115	224,710	280,888

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 45 - S.R. 199: Five Point to Bayer

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.060}{1.166}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$425,146
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.060}{1.057}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$81,854
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.060}{0.517}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$138,337
Share of Pipe 45 (18")	\$982,000	X	$\frac{0.060}{0.345}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$170,783
						\$816,120
						\$197,382
					Total	\$1,013,502

Acreage Component

Service Area for Pipe 45	=	155	Ac	X	85%	=	132	Ac
$\frac{2}{3} \times \frac{\$1,013,502}{132 \text{ Ac}}$	=	\$5,119						per Ac Inside City
		\$6,398						per Ac Outside City

Flow Component

60,000 gpd / 226 gpd per ERU	=	265	ERU's
$\frac{1}{3} \times \frac{\$1,013,502}{265 \text{ ERUs}}$	=	\$1,275	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,275	1,594
1	2.5	3,188	3,984
1-1/2	5	6,375	7,969
2	8	10,200	12,750
3	16	20,400	25,500
4	25	31,875	39,844
6	50	63,750	79,688
8	80	102,000	127,500
10	115	146,625	183,281

AREA TRIBUTARY TO P.S. 6 ON S.R. 199**Pipe 46 - Thompson North to Bayer**

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.025 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$177,144
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.025 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$34,106
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.025 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$57,640
Share of Pipe 49 (12")	\$839,000	X	$\frac{0.025 \text{ MGD}}{0.139 \text{ MGD}}$	=	\$150,899
100% of Pipe 46 (8")				=	$\frac{\$224,000}{\$643,789}$
Interest (Present Worth 15-ys @ 4.50%)					<u>\$155,703</u>
Total					<u>\$799,492</u>

Acreage Component

Service Area for Pipe 46	=	64	Ac	X	85%	=	54	Ac
$\frac{2}{3} \times \frac{\$799,492}{54 \text{ Ac}}$	=	\$9,870						per Ac Inside City
		\$12,338						per Ac Outside City

Flow Component

25,000 gpd / 226 gpd per ERU	=	111	ERU's
$\frac{1}{3} \times \frac{\$799,492}{111 \text{ ERUs}}$	=	\$2,401	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,401	3,001
1	2.5	6,003	7,503
1-1/2	5	12,005	15,006
2	8	19,208	24,010
3	16	38,416	48,020
4	25	60,025	75,031
6	50	120,050	150,063
8	80	192,080	240,100

AREA TRIBUTARY TO P.S. 6 ON S.R. 199**Pipe 47 - Bayer: CSX to Thompson**

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.041 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$290,516
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.041 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$55,934
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.041 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$94,530
Share of Pipe 49 (12")	\$839,000	X	$\frac{0.041 \text{ MGD}}{0.139 \text{ MGD}}$	=	\$247,475
100% of Pipe 47 (10")				=	$\frac{\$453,000}{\$1,141,455}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$276,065}{\$1,417,520}$
Total					\$1,417,520

Acreage Component

Service Area for Pipe 47	=	106	Ac	X	85%	=	90	Ac
$\frac{2}{3} \times \frac{\$1,417,520}{90 \text{ Ac}}$	=	\$10,500						per Ac Inside City
		\$13,125						per Ac Outside City

Flow Component

41,000 gpd / 226 gpd per ERU	=	181	ERU's
$\frac{1}{3} \times \frac{\$1,417,520}{181 \text{ ERUs}}$	=	\$2,610	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,610	3,263
1	2.5	6,525	8,156
1-1/2	5	13,050	16,313
2	8	20,880	26,100
3	16	41,760	52,200
4	25	65,250	81,563
6	50	130,500	163,125
8	80	208,800	261,000
10	115	300,150	375,188

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 48 - Thompson South to Bayer

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.025 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$177,144
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.025 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$34,106
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.025 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$57,640
Share of Pipe 49 (12")	\$839,000	X	$\frac{0.025 \text{ MGD}}{0.139 \text{ MGD}}$	=	\$150,899
100% of Pipe 48 (8")				=	$\frac{\$210,000}{\$629,789}$
Interest (Present Worth 15-ys @ 4.50%)					$\frac{\$152,317}{\$782,106}$
Total					\$782,106

Acreage Component

Service Area for Pipe 48	=	63	Ac	X	85%	=	54	Ac
$\frac{2}{3} \times \frac{\$782,106}{54 \text{ Ac}}$	=	\$9,656						per Ac Inside City
		\$12,070						per Ac Outside City

Flow Component

25,000 gpd / 226 gpd per ERU	=	111	ERU's
$\frac{1}{3} \times \frac{\$782,106}{111 \text{ ERUs}}$	=	\$2,348	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u>	<u>Outside City</u>
		<u>Charge (\$)</u>	<u>Charge (\$)</u>
5/8	1	2,348	2,935
1	2.5	5,870	7,338
1-1/2	5	11,740	14,675
2	8	18,784	23,480
3	16	37,568	46,960
4	25	58,700	73,375
6	50	117,400	146,750
8	80	187,840	234,800
10	115	270,020	337,525

AREA TRIBUTARY TO P.S. 6 ON S.R. 199**Pipe 49 - Bayer: Thompson to S.R. 199**

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.049 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$347,202
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.049 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$66,848
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.049 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$112,975
Share of Pipe 49 (12")	\$839,000	X	$\frac{0.049 \text{ MGD}}{0.139 \text{ MGD}}$	=	\$295,763
					\$822,788
Interest (Present Worth 15-yrs @ 4.50%)					
Total					\$198,994
					\$1,021,782

Acreage Component

Service Area for Pipe 49	=	127	Ac	X	85%	=	108	Ac
2/3 X <u>\$1,021,782</u>	=	\$6,307						per Ac Inside City
108 Ac		\$7,884						per Ac Outside City

Flow Component

49,000 gpd / 226 gpd per ERU	=	217	ERU's
1/3 X <u>\$1,021,782</u>	=	\$1,569	per ERU
217 ERUs			

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,569	1,961
1	2.5	3,923	4,903
1-1/2	5	7,845	9,806
2	8	12,552	15,690
3	16	25,104	31,380
4	25	39,225	49,031
6	50	78,450	98,063
8	80	125,520	156,900
10	115	180,435	225,544

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 50 - S.R. 199 - Bayer to Roachton

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.033 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$233,830
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.033 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$45,020
Share of Pipe 50 (21")	\$1,192,000	X	$\frac{0.033 \text{ MGD}}{0.517 \text{ MGD}}$	=	\$76,085
					\$354,935
Interest (Present Worth 15-ys @ 4.50%)					\$85,842
Total					\$440,777

Acreage Component

Service Area for Pipe 50	=	85	Ac	X	85%	=	72	Ac
$\frac{2}{3} \times \frac{\$440,777}{72 \text{ Ac}}$	=	\$4,081						per Ac Inside City
		\$5,102						per Ac Outside City

Flow Component

33,000 gpd / 226 gpd per ERU	=	146	ERU's
$\frac{1}{3} \times \frac{\$440,777}{146 \text{ ERUs}}$	=	\$1,006	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,006	1,258
1	2.5	2,515	3,144
1-1/2	5	5,030	6,288
2	8	8,048	10,060
3	16	16,096	20,120
4	25	25,150	31,438
6	50	50,300	62,875
8	80	80,480	100,600
10	115	115,690	144,613

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 51 - Five Point West to Scheider

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.106 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$751,091
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.106 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$144,609
Share of Pipe 55 (18")	\$1,140,000	X	$\frac{0.106 \text{ MGD}}{0.439 \text{ MGD}}$	=	\$275,262
Share of Pipe 53 (15")	\$1,492,000	X	$\frac{0.106 \text{ MGD}}{0.286 \text{ MGD}}$	=	\$552,979
100% of Pipe 51 (10")				=	$\frac{\$533,000}{\$2,256,941}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$545,849}{\$2,802,790}$
Total					\$2,802,790

Acreage Component

Service Area for Pipe 51	=	210	Ac	X	85%	=	179	Ac
$\frac{2}{3} \times \frac{\$2,802,790}{179 \text{ Ac}}$	=	\$10,439						per Ac Inside City
		\$13,048						per Ac Outside City

Flow Component

106,000 gpd / 226 gpd per ERU	=	469	ERU's
$\frac{1}{3} \times \frac{\$2,802,790}{469 \text{ ERUs}}$	=	\$1,992	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,992	2,490
1	2.5	4,980	6,225
1-1/2	5	9,960	12,450
2	8	15,936	19,920
3	16	31,872	39,840
4	25	49,800	62,250
6	50	99,600	124,500
8	80	159,360	199,200
10	115	229,080	286,350

AREA TRIBUTARY TO P.S. 6 ON S.R. 199**Pipe 52 - Five Point East to Scheider**

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.049 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$347,202
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.049 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$66,848
Share of Pipe 55 (18")	\$1,140,000	X	$\frac{0.049 \text{ MGD}}{0.439 \text{ MGD}}$	=	\$127,244
Share of Pipe 53 (15")	\$1,492,000	X	$\frac{0.049 \text{ MGD}}{0.286 \text{ MGD}}$	=	\$255,622
100% of Pipe 52 (8")				=	$\frac{\$267,000}{\$1,063,916}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$257,312}{\$1,321,228}$
Total					\$1,321,228

Acreage Component

Service Area for Pipe 52	=	98	Ac	X	85%	=	83	Ac
$\frac{2}{3} \times \frac{\$1,321,228}{83 \text{ Ac}}$	=	\$10,612						per Ac Inside City
		\$13,265						per Ac Outside City

Flow Component

49,000 gpd / 226 gpd per ERU	=	217	ERU's
$\frac{1}{3} \times \frac{\$1,321,228}{217 \text{ ERUs}}$	=	\$2,029	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	2,029	2,536
1	2.5	5,073	6,341
1-1/2	5	10,145	12,681
2	8	16,232	20,290
3	16	32,464	40,580
4	25	50,725	63,406
6	50	101,450	126,813
8	80	162,320	202,900
10	115	233,335	291,669

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 53 - Scheider: Five Point to Roachton

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.132 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$935,321
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.132 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$180,079
Share of Pipe 55 (18")	\$1,140,000	X	$\frac{0.132 \text{ MGD}}{0.439 \text{ MGD}}$	=	\$342,779
Share of Pipe 53 (15")	\$1,492,000	X	$\frac{0.132 \text{ MGD}}{0.286 \text{ MGD}}$	=	\$688,615
					<u>\$2,146,794</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$519,210</u>
Total					<u>\$2,666,004</u>

Acreage Component

Service Area for Pipe 53	=	262	Ac	X	85%	=	223	Ac
$\frac{2}{3} \times \frac{\$2,666,004}{223 \text{ Ac}}$	=	\$7,970						per Ac Inside City
		\$9,963						per Ac Outside City

Flow Component

132,000 gpd / 226 gpd per ERU	=	584	ERU's
$\frac{1}{3} \times \frac{\$2,666,004}{584 \text{ ERUs}}$	=	\$1,522	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,522	1,903
1	2.5	3,805	4,756
1-1/2	5	7,610	9,513
2	8	12,176	15,220
3	16	24,352	30,440
4	25	38,050	47,563
6	50	76,100	95,125
8	80	121,760	152,200
10	115	175,030	218,788

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 54 - Scheider South to Roachton

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.070 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$496,003
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.070 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$95,497
Share of Pipe 55 (18")	\$1,140,000	X	$\frac{0.070 \text{ MGD}}{0.439 \text{ MGD}}$	=	\$181,777
100% of Pipe 54 (8")				=	$\frac{\$537,000}{\$1,310,277}$
Interest (Present Worth 15-ysrs @ 4.50%)					$\frac{\$316,895}{\$1,627,172}$
Total					\$1,627,172

Acreage Component

Service Area for Pipe 54	=	139	Ac	X	85%	=	118	Ac
2/3 X $\frac{\$1,627,172}{118 \text{ Ac}}$	=	\$9,193						per Ac Inside City
		\$11,491						per Ac Outside City

Flow Component

70,000 gpd / 226 gpd per ERU	=	310	ERU's
1/3 X $\frac{\$1,627,172}{310 \text{ ERUs}}$	=	\$1,749	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,749	2,186
1	2.5	4,373	5,466
1-1/2	5	8,745	10,931
2	8	13,992	17,490
3	16	27,984	34,980
4	25	43,725	54,656
6	50	87,450	109,313
8	80	139,920	174,900
10	115	201,135	251,419

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 55 - Roachton: Scheider to S.R. 199

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.084 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$595,204
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.084 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$114,596
Share of Pipe 55 (18")	\$1,140,000	X	$\frac{0.084 \text{ MGD}}{0.439 \text{ MGD}}$	=	\$218,132
					\$927,932
Interest (Present Worth 15-yrs @ 4.50%)					
Total					\$224,424
					\$1,152,356

Acreage Component

Service Area for Pipe 55	=	166	Ac	X	85%	=	141	Ac
$\frac{2}{3} \times \frac{\$1,152,356}{141 \text{ Ac}}$	=	\$5,448						per Ac Inside City
		\$6,811						per Ac Outside City

Flow Component

84,000 gpd / 226 gpd per ERU	=	372	ERU's
$\frac{1}{3} \times \frac{\$1,152,356}{372 \text{ ERUs}}$	=	\$1,032	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,032	1,290
1	2.5	2,580	3,225
1-1/2	5	5,160	6,450
2	8	8,256	10,320
3	16	16,512	20,640
4	25	25,800	32,250
6	50	51,600	64,500
8	80	82,560	103,200
10	115	118,680	148,350

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 56 - Roachton West to S.R. 199

Share of Attachment B Costs	\$8,262,000	X	$\frac{0.075 \text{ MGD}}{1.166 \text{ MGD}}$	=	\$531,432
Share of Pipe 57 (27")	\$1,442,000	X	$\frac{0.075 \text{ MGD}}{1.057 \text{ MGD}}$	=	\$102,318
100% of Pipe 56 (8")				=	$\frac{\$662,000}{\$1,295,750}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$313,382}{\$1,609,132}$
Total					\$1,609,132

Acreage Component

Service Area for Pipe 56	=	193	Ac	X	85%	=	164	Ac
2/3 X $\frac{\$1,609,132}{164 \text{ Ac}}$	=	\$6,541						per Ac Inside City
		\$8,176						per Ac Outside City

Flow Component

75,000 gpd / 226 gpd per ERU	=	332	ERU's
1/3 X $\frac{\$1,609,132}{332 \text{ ERUs}}$	=	\$1,615	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,615	2,019
1	2.5	4,038	5,047
1-1/2	5	8,075	10,094
2	8	12,920	16,150
3	16	25,840	32,300
4	25	40,375	50,469
6	50	80,750	100,938
8	80	129,200	161,500
10	115	185,725	232,156

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 57 - S.R. 199: Roachton to Neiderhouse

$$\text{Share of Attachment B Costs} \quad \$8,262,000 \times \frac{0.029 \text{ MGD}}{1.166 \text{ MGD}} = \$205,487$$

$$\text{Share of Pipe 57 (27")} \quad \$1,442,000 \times \frac{0.029 \text{ MGD}}{1.057 \text{ MGD}} = \$39,563$$

\$245,050

Interest (Present Worth 15-yr @ 4.50%)

\$59,266

Total

\$304,316

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 57} & = & 60 \text{ Ac} \\ \text{2/3 X } \$304,316 & = & \$3,978 \text{ per Ac Inside City} \\ \text{51 Ac} & & \$4,972 \text{ per Ac Outside City} \end{array}$$

Flow Component

$$\begin{array}{lcl} 29,000 \text{ gpd / 226 gpd per ERU} & = & 128 \text{ ERU's} \\ \text{1/3 X } \$304,316 & = & \$792 \text{ per ERU} \\ \text{128 ERUs} & & \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	792	990
1	2.5	1,980	2,475
1-1/2	5	3,960	4,950
2	8	6,336	7,920
3	16	12,672	15,840
4	25	19,800	24,750
6	50	39,600	49,500
8	80	63,360	79,200
10	115	91,080	113,850

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 58 - S.R. 199 Southeast to Neiderhouse

$$\text{Share of Attachment B Costs} \quad \$8,262,000 \times \frac{0.012 \text{ MGD}}{1.166 \text{ MGD}} = \$85,029$$

$$100\% \text{ of Pipe 58 (8")} = \frac{\$285,000}{\$370,029}$$

$$\begin{array}{r} \text{Interest (Present Worth 15-ys @ 4.50\%)} \\ \text{Total} \end{array} \quad \begin{array}{r} \$89,493 \\ \hline \$459,522 \end{array}$$

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 58} & = & 30 \text{ Ac} \times 85\% = 26 \text{ Ac} \\ \frac{2}{3} \times \frac{\$459,522}{26 \text{ Ac}} & = & \begin{array}{l} \$11,783 \text{ per Ac Inside City} \\ \$14,728 \text{ per Ac Outside City} \end{array} \end{array}$$

Flow Component

$$\begin{array}{lcl} 12,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 53 \text{ ERU's} \\ \frac{1}{3} \times \frac{\$459,522}{53 \text{ ERUs}} & = & \$2,890 \text{ per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,890	3,613
1	2.5	7,225	9,031
1-1/2	5	14,450	18,063
2	8	23,120	28,900
3	16	46,240	57,800
4	25	72,250	90,313
6	50	144,500	180,625

AREA TRIBUTARY TO P.S. 6 ON S.R. 199

Pipe 59 - Neiderhouse West to S.R. 199

$$\text{Share of Attachment B Costs} \quad \$8,262,000 \times \frac{0.097 \text{ MGD}}{1.166 \text{ MGD}} = \$687,319$$

$$100\% \text{ of Pipe 59 (10")} = \frac{\$1,087,000}{\$1,774,319}$$

$$\text{Interest (Present Worth 15-yrs @ 4.50\%)} \quad \underline{\$429,125}$$

Total **\$2,203,444**

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 59} & = & 252 \text{ Ac} \times 85\% = 214 \text{ Ac} \\ \frac{2}{3} \times \frac{\$2,203,444}{214 \text{ Ac}} & = & \begin{array}{l} \$6,864 \text{ per Ac Inside City} \\ \$8,580 \text{ per Ac Outside City} \end{array} \end{array}$$

Flow Component

$$\begin{array}{lcl} 97,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 429 \text{ ERU's} \\ \frac{1}{3} \times \frac{\$2,203,444}{429 \text{ ERUs}} & = & \$1,712 \text{ per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,712	2,140
1	2.5	4,280	5,350
1-1/2	5	8,560	10,700
2	8	13,696	17,120
3	16	27,392	34,240
4	25	42,800	53,500
6	50	85,600	107,000
8	80	136,960	171,200
10	115	196,880	246,100

AREA TRIBUTARY TO EX. 18" SANITARY SEWER AT THOMPSON & ECKEL JUNCTION

Pipe 60 - Thompson North to Roachton

Share of Attachment C Costs	\$3,694,100	X	$\frac{0.018 \text{ MGD}}{2.350 \text{ MGD}}$	=	\$28,295
Share of Pipe 65 (18")	\$669,000	X	$\frac{0.018 \text{ MGD}}{0.314 \text{ MGD}}$	=	\$38,350
Share of Pipe 63 (15")	\$621,000	X	$\frac{0.018 \text{ MGD}}{0.176 \text{ MGD}}$	=	\$63,511
100% of Pipe 60 (10")				=	$\frac{\$230,000}{\$360,156}$
Interest (Present Worth 15-yr @ 4.50%)					$\frac{\$87,105}{\$447,261}$
			Total		\$447,261

Acreage Component

Service Area for Pipe 60	=	46	Ac	X	85%	=	39	Ac
$\frac{2}{3} \times \frac{\$447,261}{39 \text{ Ac}}$	=	\$7,645						per Ac Inside City
		\$9,557						per Ac Outside City

Flow Component

18,000 gpd / 226 gpd per ERU	=	80	ERU's
$\frac{1}{3} \times \frac{\$447,261}{80 \text{ ERUs}}$	=	\$1,863	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,863	2,329
1	2.5	4,658	5,822
1-1/2	5	9,315	11,644
2	8	14,904	18,630
3	16	29,808	37,260
4	25	46,575	58,219
6	50	93,150	116,438
8	80	149,040	186,300

AREA TRIBUTARY TO EX. 18" SANITARY SEWER AT THOMPSON & ECKEL JUNCTION

Pipe 61 - Roachton East to Thompson

$$\text{Share of Attachment C Costs} \quad \$3,694,100 \times \frac{0.012 \text{ MGD}}{2.350 \text{ MGD}} = \$18,863$$

$$\text{Share of Pipe 65 (18")} \quad \$669,000 \times \frac{0.012 \text{ MGD}}{0.314 \text{ MGD}} = \$25,567$$

$$\text{Share of Pipe 63 (15")} \quad \$621,000 \times \frac{0.012 \text{ MGD}}{0.176 \text{ MGD}} = \$42,341$$

$$100\% \text{ of Pipe 61 (10")} \quad = \frac{\$230,000}{\$316,771}$$

$$\text{Interest (Present Worth 15-ys @ 4.50\%)} \quad \underline{\$76,612}$$

$$\text{Total} \quad \underline{\$393,383}$$

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 61} & = & 29 \text{ Ac} \\ \frac{2}{3} \times \frac{\$393,383}{25 \text{ Ac}} & = & \begin{array}{l} \$10,490 \text{ per Ac Inside City} \\ \$13,113 \text{ per Ac Outside City} \end{array} \end{array}$$

Flow Component

$$\begin{array}{lcl} 12,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 53 \text{ ERU's} \\ \frac{1}{3} \times \frac{\$393,383}{53 \text{ ERUs}} & = & \$2,474 \text{ per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,474	3,093
1	2.5	6,185	7,731
1-1/2	5	12,370	15,463
2	8	19,792	24,740
3	16	39,584	49,480
4	25	61,850	77,313
6	50	123,700	154,625

AREA TRIBUTARY TO EX. 18" SANITARY SEWER AT THOMPSON & ECKEL JUNCTION

Pipe 62 - Roachton: CSX to Thompson

Share of Attachment C Costs	\$3,694,100	X	$\frac{0.104 \text{ MGD}}{2.350 \text{ MGD}}$	=	\$163,484
Share of Pipe 65 (18")	\$669,000	X	$\frac{0.104 \text{ MGD}}{0.314 \text{ MGD}}$	=	\$221,580
Share of Pipe 63 (15")	\$621,000	X	$\frac{0.104 \text{ MGD}}{0.176 \text{ MGD}}$	=	\$366,955
100% of P.S. 5 & 6" FM				=	\$604,000
100% of Pipe 62 (10")				=	$\frac{\$731,000}{\$2,087,019}$
Interest (Present Worth 15-ys @ 4.50%)					$\frac{\$504,753}{\$2,591,772}$
Total					\$2,591,772

Acreage Component

Service Area for Pipe 62	=	268	Ac	X	85%	=	228	Ac
$\frac{2}{3} \times \frac{\$2,591,772}{228 \text{ Ac}}$	=	\$7,578						per Ac Inside City
		\$9,473						per Ac Outside City

Flow Component

104,000 gpd / 226 gpd per ERU	=	460	ERU's
$\frac{1}{3} \times \frac{\$2,591,772}{460 \text{ ERUs}}$	=	\$1,878	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,878	2,348
1	2.5	4,695	5,869
1-1/2	5	9,390	11,738
2	8	15,024	18,780
3	16	30,048	37,560
4	25	46,950	58,688
6	50	93,900	117,375
8	80	150,240	187,800
10	115	215,970	269,963

AREA TRIBUTARY TO EX. 18" SANITARY SEWER AT THOMPSON & ECKEL JUNCTION

Pipe 63 - Thompson: Roachton to Neiderhouse

Share of Attachment C Costs	\$3,694,100	X	$\frac{0.043 \text{ MGD}}{2.350 \text{ MGD}}$	=	\$67,594
Share of Pipe 65 (18")	\$669,000	X	$\frac{0.043 \text{ MGD}}{0.314 \text{ MGD}}$	=	\$91,615
Share of Pipe 63 (15")	\$621,000	X	$\frac{0.043 \text{ MGD}}{0.176 \text{ MGD}}$	=	\$151,722
					<u>\$310,931</u>
Interest (Present Worth 15-yrs @ 4.50%)					<u>\$75,200</u>
				Total	<u>\$386,131</u>

Acreage Component

Service Area for Pipe 63	=	112	Ac	X	85%	=	95	Ac
$\frac{2}{3} \times \frac{\$386,131}{95 \text{ Ac}}$	=	\$2,710						per Ac Inside City
		\$3,387						per Ac Outside City

Flow Component

43,000 gpd / 226 gpd per ERU	=	190	ERU's
$\frac{1}{3} \times \frac{\$386,131}{190 \text{ ERUs}}$	=	\$677	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	677	846
1	2.5	1,693	2,116
1-1/2	5	3,385	4,231
2	8	5,416	6,770
3	16	10,832	13,540
4	25	16,925	21,156
6	50	33,850	42,313
8	80	54,160	67,700
10	115	77,855	97,319

AREA TRIBUTARY TO EX. 18" SANITARY SEWER AT THOMPSON & ECKEL JUNCTION

Pipe 64 - Neiderhouse East to Thompson

$$\text{Share of Attachment C Costs} \quad \$3,694,100 \times \frac{0.015 \text{ MGD}}{2.350 \text{ MGD}} = \$23,579$$

$$\text{Share of Pipe 65 (18")} \quad \$669,000 \times \frac{0.015 \text{ MGD}}{0.314 \text{ MGD}} = \$31,959$$

$$100\% \text{ of Pipe 64 (10")} \quad = \frac{\$242,000}{\$297,538}$$

$$\text{Interest (Present Worth 15-ys @ 4.50\%)} \quad \underline{\$71,961}$$

Total **\$369,499**

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 64} & = & 37 \text{ Ac} \\ 2/3 \times \frac{\$369,499}{31 \text{ Ac}} & = & \begin{array}{l} \$7,946 \text{ per Ac Inside City} \\ \$9,933 \text{ per Ac Outside City} \end{array} \end{array}$$

Flow Component

$$\begin{array}{lcl} 15,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 66 \text{ ERU's} \\ 1/3 \times \frac{\$369,499}{66 \text{ ERUs}} & = & \$1,866 \text{ per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	1,866	2,333
1	2.5	4,665	5,831
1-1/2	5	9,330	11,663
2	8	14,928	18,660
3	16	29,856	37,320
4	25	46,650	58,313
6	50	93,300	116,625

AREA TRIBUTARY TO EX. 18" SANITARY SEWER AT THOMPSON & ECKEL JUNCTION

Pipe 65 - Thompson: Neiderhouse to Eckel Junction

Share of Attachment C Costs	\$3,694,100	X	$\frac{0.125}{2.350}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$196,495
Share of Pipe 65 (18")	\$669,000	X	$\frac{0.125}{0.314}$	$\frac{\text{MGD}}{\text{MGD}}$	=	\$266,322
						<u>\$462,817</u>
Interest (Present Worth 15-yrs @ 4.50%)						<u>\$111,934</u>
	Total					\$574,751

Acreage Component

Service Area for Pipe 65	=	325	Ac	X	85%	=	276	Ac
$\frac{2}{3} \times \frac{\$574,751}{276 \text{ Ac}}$	=	\$1,388						per Ac Inside City
		\$1,735						per Ac Outside City

Flow Component

$\frac{125,000}{1/3} \times \frac{\text{gpd}}{\text{gpd per ERU}}$	=	553	ERU's
$\frac{226 \text{ gpd per ERU}}{553 \text{ ERUs}}$	=	\$346	per ERU

<u>Meter Size (")</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	346	433
1	2.5	865	1,081
1-1/2	5	1,730	2,163
2	8	2,768	3,460
3	16	5,536	6,920
4	25	8,650	10,813
6	50	17,300	21,625
8	80	27,680	34,600
10	115	39,790	49,738

AREA TRIBUTARY TO SANITARY SEWER ON SIMMONS ROAD NORTH OF U.S. ROUTE 20

Pipe 66 - Simmons Road North of U.S. Route 20

Share of Attachment C Costs	\$3,694,100	X	$\frac{0.201 \text{ MGD}}{2.350 \text{ MGD}}$	=	\$315,963
					<u>\$315,963</u>
Interest (Present Worth 15-yr @ 4.50%)					<u>\$76,417</u>
Total					<u>\$392,380</u>

Acreage Component

Service Area for Pipe 66	=	83	Ac	X	85%	=	71	Ac
$\frac{2}{3} \times \frac{\$392,380}{71 \text{ Ac}}$	=	\$3,684						per Ac Inside City
		\$4,605						per Ac Outside City

Flow Component

201,000 gpd / 226 gpd per ERU	=	889	ERU's
$\frac{1}{3} \times \frac{\$392,380}{889 \text{ ERUs}}$	=	\$147	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u>	<u>Outside City</u>
		<u>Charge (\$)</u>	<u>Charge (\$)</u>
5/8	1	147	184
1	2.5	368	459
1-1/2	5	735	919
2	8	1,176	1,470
3	16	2,352	2,940
4	25	3,675	4,594
6	50	7,350	9,188
8	80	11,760	14,700
10	115	16,905	21,131

AREA TRIBUTARY TO CANTERBURY 10" SANITARY SEWER

Pipe 67 - Hull Prairie: Canterbury Subd (Pipe 68B) South

$$\text{Share of Hawthorne Oversizing} \quad \$303,640 \times \frac{0.019 \text{ MGD}}{0.115 \text{ MGD}} = \$50,167$$

$$\text{Share of Pipe 68A (Canterbury) Oversizing} \quad \$89,520 \times \frac{0.019 \text{ MGD}}{0.115 \text{ MGD}} = \$14,790$$

$$100\% \text{ of Pipe 67 (10")} = \frac{\$379,000}{\$443,957}$$

$$\text{Interest (Present Worth 15-yrs @ 4.50\%)} \quad \underline{\$107,373}$$

Total **\$551,330**

Acreage Component

$$\begin{array}{lcl} \text{Service Area for Pipe 67} & = & 47 \text{ Ac} \times 85\% = 40 \text{ Ac} \\ \frac{2}{3} \times \frac{\$551,330}{40 \text{ Ac}} & = & \begin{array}{l} \$9,189 \text{ per Ac Inside City} \\ \$11,486 \text{ per Ac Outside City} \end{array} \end{array}$$

Flow Component

$$\begin{array}{lcl} 19,000 \text{ gpd} / 226 \text{ gpd per ERU} & = & 84 \text{ ERU's} \\ \frac{1}{3} \times \frac{\$551,330}{84 \text{ ERUs}} & = & \$2,188 \text{ per ERU} \end{array}$$

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	2,188	2,735
1	2.5	5,470	6,838
1-1/2	5	10,940	13,675
2	8	17,504	21,880
3	16	35,008	43,760
4	25	54,700	68,375
6	50	109,400	136,750
8	80	175,040	218,800

AREA TRIBUTARY TO HAWTHORNE 15" SANITARY SEWER ON ROACHTON

Pipe 68A - Roachton to within Canterbury Subdivision

Share of Hawthorne Oversizing	\$303,640	X	$\frac{0.046 \text{ MGD}}{0.115 \text{ MGD}}$	=	\$121,456
Share of Pipe 68A (Canterbury) Oversizing	\$89,520	X	$\frac{0.046 \text{ MGD}}{0.115 \text{ MGD}}$	=	\$35,808
					\$157,264
					\$38,035
				Total	\$195,299

Acreage Component

Service Area for Pipe 68A	=	119	Ac	X	85%	=	101	Ac
2/3 X <u>\$195,299</u>	=	\$1,289						per Ac Inside City
101 Ac		\$1,611						per Ac Outside City

Flow Component

46,000	gpd /	226	gpd per ERU	=	204	ERU's
1/3 X <u>\$195,299</u>				=	\$319	per ERU
			204 ERUs			

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u> <u>Charge (\$)</u>	<u>Outside City</u> <u>Charge (\$)</u>
5/8	1	319	399
1	2.5	798	997
1-1/2	5	1,595	1,994
2	8	2,552	3,190
3	16	5,104	6,380
4	25	7,975	9,969
6	50	15,950	19,938
8	80	25,520	31,900
10	115	36,685	45,856

AREA TRIBUTARY TO HAWTHORNE 12" SANITARY SEWER ON ROACHTON

Pipe 68B - Roachton within Canterbury Subdivision to Hull Prairie

Share of Hawthorne Oversizing	\$303,640	X	$\frac{0.039 \text{ MGD}}{0.115 \text{ MGD}}$	=	\$102,974
Share of Pipe 68A (Canterbury) Oversizing	\$89,520	X	$\frac{0.039 \text{ MGD}}{0.115 \text{ MGD}}$	=	\$30,359
					\$133,333
Interest (Present Worth 15-yrs @ 4.50%)					\$32,247
					Total
					\$165,580

Acreage Component

Service Area for Pipe 68B	=	100	Ac X	85%	=	85	Ac
2/3 X <u>\$165,580</u>	=	\$1,299	per Ac Inside City				
85 Ac		\$1,623	per Ac Outside City				

Flow Component

39,000	gpd /	226	gpd per ERU	=	173	ERU's
1/3	X	<u>\$165,580</u>		=	\$319	per ERU
		173 ERUs				

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City</u>	<u>Outside City</u>
		<u>Charge (\$)</u>	<u>Charge (\$)</u>
5/8	1	319	399
1	2.5	798	997
1-1/2	5	1,595	1,994
2	8	2,552	3,190
3	16	5,104	6,380
4	25	7,975	9,969
6	50	15,950	19,938
8	80	25,520	31,900
10	115	36,685	45,856

AREA TRIBUTARY TO HAWTHORNE 8" SANITARY SEWER ON ROACHTON

Pipe 68C - Roachton West to Canterbury 8" Sanitary Sewer (Pipe 68A)

Share of Hawthorne Oversizing	\$303,640	X	$\frac{0.013 \text{ MGD}}{0.115 \text{ MGD}}$	=	\$34,325
Share of Pipe 68A (Canterbury) Oversizing	\$89,520	X	$\frac{0.013 \text{ MGD}}{0.115 \text{ MGD}}$	=	\$10,120
100% of Pipe 68C (8")				=	$\frac{\$153,000}{\$197,445}$
Interest (Present Worth 15-yrs @ 4.50%)					$\frac{\$47,753}{\$245,198}$
Total					\$245,198

Acreage Component

Service Area for Pipe 68C	=	32	Ac	X	85%	=	27	Ac
$\frac{2}{3} \times \frac{\$245,198}{27 \text{ Ac}}$	=	\$6,054						per Ac Inside City
		\$7,568						per Ac Outside City

Flow Component

13,000 gpd / 226 gpd per ERU	=	58	ERU's
$\frac{1}{3} \times \frac{\$245,198}{58 \text{ ERUs}}$	=	\$1,409	per ERU

<u>Meter Size ("</u>	<u>ERU</u>	<u>Inside City Charge (\$)</u>	<u>Outside City Charge (\$)</u>
5/8	1	1,409	1,761
1	2.5	3,523	4,403
1-1/2	5	7,045	8,806
2	8	11,272	14,090
3	16	22,544	28,180
4	25	35,225	44,031
6	50	70,450	88,063

ATTACHMENT A

Costs to be Shared by all Pipes in Area Tributary to Pump Station 3 on Rivers Edge Drive

1	Share of 36" Force Main	\$4,651,100
2	Two 24" Force Mains	\$2,367,200
3	P.S. 3	\$5,720,500
4	City Contribution to Gruber	\$2,459,200
5	City Contribution to Rivers Edge Drive 48" Sanitary Sewer Oversize	\$1,127,100
Total:		\$16,325,100

ATTACHMENT B

Costs to be Shared by all Pipes in Area Tributary to Pump Station 6 on S.R. 199

1	Ex 18" Force Main	\$2,362,900
2	P.S. 6	\$4,931,500
3	18" Force Main along S.R. 199 and Under I-75 to Eckel Junction Road	\$967,600
Total:		\$8,262,000

ATTACHMENT C

Costs to be Shared by all Pipes in Area

Tributary to existing Sanitary Sewer on Simmons Road

1	Ex Sanitary Sewer on Simmons Road	\$3,694,100
---	-----------------------------------	--------------------

ATTACHMENT D

Cost of the Portion of Pipe 9 Constructed for
St. John XXIII (1,820 l.f. of 10")

\$423,600

ATTACHMENT E

Proposed Sanitary Sewers

Pipe Number	Improvement	Probable Project Cost
1	10" Sewer	\$325,000
2	10" Sewer	\$564,000
3	15" Sewer	\$773,000
4	15" Sewer	\$803,000
5	15" Sewer	\$835,000
6	10" Sewer	\$475,000
7	8" Sewer	\$178,000
8	15" Sewer	\$414,000
9	10" Sewer	\$161,000
10	12" Sewer	\$543,000
11	24" Sewer	\$2,643,000
11A	8" Sewer	\$138,000
12	15" Sewer	\$950,000
13	8" Sewer	\$182,000
14	18" Sewer	\$1,502,000
15	12" Sewer	\$595,000
16	36" Sewer	\$3,136,000
17	36" Sewer	\$2,329,000
18	10" Sewer	\$490,000
19	10" Sewer	\$837,000
20	12" Sewer	\$1,016,000
21	8" Sewer	\$694,000
22	10" Sewer	\$779,000
23	18" Sewer	\$827,000
24	10" Sewer	\$860,000
25	10" Sewer	\$743,000
26	10" Sewer	\$796,000
27	15" Sewer	\$932,000
28	36" Sewer	\$3,170,000
29	10" Sewer	\$573,000
30	36" Sewer	\$609,000
30A	10" / 8" Sewer	\$428,000
30B	10" / 8" Sewer	\$488,000
31	10" Sewer	\$253,000
32	12" Sewer	\$953,000
33	10" Sewer	\$689,000
34	10" Sewer	\$665,000
35	10" Sewer	\$616,000
36	15" Sewer	\$1,572,000
37	24" Sewer	\$1,635,000

ATTACHMENT E

Proposed Sanitary Sewers

Pipe Number	Improvement	Probable Project Cost
38	8" Sewer	\$139,000
39	10" Sewer	\$847,000
40	8" Sewer	\$639,000
41	10" Sewer	\$267,000
42	8" Sewer	\$224,000
43	10" Sewer	\$433,000
44	8" Sewer	\$655,000
45	18" Sewer	\$982,000
46	8" Sewer	\$224,000
47	10" Sewer	\$453,000
48	8" Sewer	\$210,000
49	12" Sewer	\$839,000
50	21" Sewer	\$1,192,000
51	10" Sewer	\$533,000
52	8" Sewer	\$267,000
53	15" Sewer	\$1,492,000
54	8" Sewer	\$537,000
55	18" Sewer	\$1,140,000
56	8" Sewer	\$662,000
57	27" Sewer	\$1,442,000
58	8" Sewer	\$285,000
59	10" Sewer	\$1,087,000
60	10" Sewer	\$230,000
61	10" Sewer	\$230,000
62	10" Sewer	\$731,000
63	15" Sewer	\$621,000
64	10" Sewer	\$242,000
65	18" Sewer	\$669,000
66	18" Sewer	\$3,694,000
67	10" Sewer	\$379,000
68B	12" Sewer	\$1,397,000
68C	8" Sewer	\$153,000
P.S. 1 & 6" FM		\$529,000
P.S. 2 & 6" FM		\$672,000
P.S. 4 & 14" FM		\$2,010,000
P.S. 5 & 6" FM		\$604,000

ATTACHMENT F

1.0 BASIS OF DESIGN

The City requested revisions to the basis of design of this report as a part of this update. Sewage flows were estimated assuming 85% development of the sanitary service area. A 78-acre parcel south of Rietz Road and east of Hull Prairie Road was removed from the planning area due to its planned use as a raw water reservoir by the City of Bowling Green.

Following are descriptions of how sanitary flows were developed (revised as noted) for various land uses:

1.1 Single Family Residential Use

To estimate the average sanitary flow for single-family residential areas, 226 gallons per home per day ⁽¹⁾ was assumed based on the most recent water distribution system modeling report.

1.2 Commercial Use

For commercial areas, the average sanitary flow was estimated using 500 gallons per acre per day ⁽¹⁾.

1.3 Mixed Use

For mixed use developments, the average sanitary flow is estimated using approximately 590 gallons per acre per day ⁽¹⁾ based on the following:

- 25% of the acreage would be higher density residential population (6 homes per acre),
- 50% commercial development,
- 25% greenspace and parking.

1.4 Industrial Use

For industrial areas, the average sanitary flow is estimated using 1,500 gallons per acre per day.

The maximum flows for all uses were determined by multiplying the average flow by 3.33.

All improvements were designed to accommodate the estimated maximum flows. General guidelines include a minimum sewer diameter of 8-inches and a minimum depth of approximately 10 feet with the intent to serve most adjacent areas by gravity flow. As well, the maximum depth for sewers before a pump station would be required is approximately 30 feet.

⁽¹⁾ 2021 Water System Master Plan

1.5 Basis of Probable Project Costs

The recommended improvements consist of gravity sanitary sewers ranging in size from 8-inch diameter to 36-inch diameter (maximum size revised by the City), force mains ranging in size from 6-inch diameter to 24-inch diameter, and pumping stations with capacities ranging from 0.34 MGD to 19.93 MGD.

Probable project costs include construction, contingencies, and technical services. It has been assumed that most of the proposed sewers will be installed in easements. Construction cost is updated based on March 2023 costs, a 1.16 increase from the previous update in August 2019, and assumes that pavement replacement will be required along 10% of the length of the sewer, and granular backfill will be required along 20% of the length of the sewer. Contingencies are 10% of construction costs and technical services are 20% of construction costs. Project costs do not include costs to obtain easements, land acquisition costs for pumping stations, rock excavation or service connections. Rock excavation, if necessary, will be estimated on a per project basis after obtaining soil borings during the design phase. The project costs will increase if it is necessary to install the improvements within the influence of roadways. The interest rate was calculated based upon four and one-half (4-1/2) percent.

2.0 DOCUMENT MODIFICATIONS

2.1 Villages at Canterbury Subdivision

The Villages at Canterbury Subdivision is under development south of Roachton Road and east of Hull Prairie Road which was planned to be served by Pipes 67 and 68. The tributary areas, pipe sewer alignments and probable project costs have been revised to reflect the subdivision plans. Pipes 67 and 68 are routed through the subdivision and Pipe 68 has been segmented into three pipes: Pipe 68A, Pipe 68B and Pipe 68C to more accurately describe the current condition. In addition, the City understands that property north of Roachton Road and east of Hull Prairie Road (approximately 112 acres) is being planned as a Park District for recreational use. As a result, this area has been delineated and excluded as tributary to the sanitary sewer system although at this time it is believed the existing sanitary sewers adjacent to this site should have adequate capacity to accommodate the limited sanitary flows anticipated from this proposed use.

2.2 The Coventry Pointe Subdivision

The Coventry Pointe (previously named The Preserve) Subdivision is under development north of Five Points Road and west of Fort Meigs Road which will be served by Pipe 30. The tributary areas, pipe sewer alignments and probable project costs have been revised to reflect the subdivision plans. Pipe 30 is partially routed through the subdivision to the intersection of Five Points Road and Brookhaven Blvd. The intent is for this sanitary sewer to accept gravity sanitary flows from the existing Brookhaven Subdivision, eliminating the need for the existing pump station currently serving this subdivision.

ATTACHMENT G

ORDINANCE NO. 193-2003

AN ORDINANCE IMPLEMENTING THE SANITARY SEWER SYSTEM MASTER PLAN WITH REGARD TO RECOVERY OF THE COSTS ASSOCIATED WITH THE INSTALLATION OF CERTAIN SANITARY SEWER LINES, AND TO DECLARE AN EMERGENCY.

WHEREAS, pursuant to Ordinance No. 155-2003 the Council adopted the Sanitary Sewer System Master Plan ("Plan"), and

WHEREAS, said Plan identifies a number of sanitary sewer lines that will need to be constructed to permit sanitary sewer service to be provided to the areas covered by the Plan, and

WHEREAS, the Council has determined that a proportionate cost calculation will need to be made for each development or customer that is added to the service area serviced by such new sanitary sewer lines, and

WHEREAS, the cost calculations will consist of an acreage component determined by the acreage involved and a flow component determined by the meter sizes involved;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. That Section 1050.14 is hereby enacted and shall read as follows:

1050.14. SANITARY SEWER INFRASTRUCTURE COST RECOVERY FEES.

(a) There is hereby established a sanitary sewer infrastructure cost recovery fee for those areas identified as requiring new sanitary sewer lines for such areas to receive sanitary sewer service by the Sanitary Sewer System Master Plan ("Plan") that was adopted by Council pursuant to Ordinance No. 155-03 on October 7, 2003.

(b) The acreage charge and the flow charge as to each new sanitary sewer line identified in the Sanitary Sewer System Master Plan shall be as shown in the supplement to the Sanitary Sewer System Master Plan.

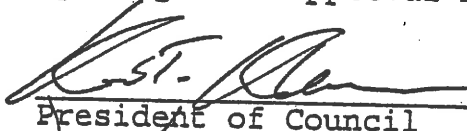
(c) The sanitary sewer infrastructure cost recovery fee shall be apportioned between the acreage charge component which shall be two-thirds of the total fee and a flow charge component which shall be one-third of the total fee.

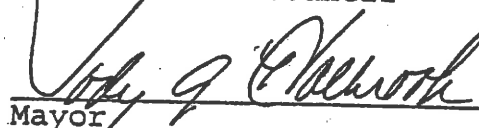
Ordinance No. 193-2003

(d) The supplement to the Plan shall separately identify each new sanitary sewer line that is needed for service according to the Plan and shall state the estimated or actual cost of the sewer line and the calculations for determining the acreage and flow components of each such line. Periodically, but not less than once per year, in November the City Engineer shall make a recommendation to City Council as to whether such supplement should be modified to reflect changes in the cost of construction and in prevailing interest rate on one-year notes issued by the City.

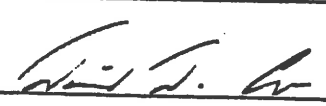
SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio and shall be in full force and effect from and immediately after its passage and approval by the Mayor.


President of Council


Mayor

PASSED 11-17-03

ATTEST: 

APPROVED: 11-17-03

PETER D. GWYN
DIRECTOR OF LAW

1/10/06 PHONE CALL w/
TOM MACGIN INFLATION RATE
IS 1/2% OVER DAVE'S
BOND RATE.

CITY OF PERRYSBURG

Minutes of the Health, Sanitation, and Public Utilities Committee ~~September 23, 2003~~ October 28

Tom Mackin called the meeting to order at 5:00 p.m. Committee members present were Tom Mackin, Maria Ermie, and John Kevern. The administration was represented by Doug Dariano and Jim Bagdonas. Also in attendance was Jim Williamson, Finkbeiner Pettis & Strout Inc.

PROCEDURE TO COLLECT SEWER SYSTEM DEVELOPMENT FEES

The Committee continued its discussion about how best to develop an ordinance to set up a procedure to collect sewer system development fees. After much discussion, the Committee agreed with the formula developed by Mr. Williamson. The Committee also agreed that the rate of interest should be reviewed at least once a year and that reviewing the rate when the City issues notes in the fall was the best time for that review each year. Other factors in the formula, such as construction costs, also would be reviewed at the same time. The Committee further agreed that the ordinance should allow for the review of the formula at any time during the course of a year if interest rates or construction costs were to increase drastically.

The Committee agreed 3-0 that an ordinance be prepared authorizing the City to implement the above described fees.

Respectfully submitted:

Thomas G. Mackin, Chairman
Health, Sanitation, and Public Utilities Committee

CITY OF PERRYSBURG

Minutes of the Health, Sanitation, and Public Utilities Committee September 23, 2003

Tom Mackin called the meeting to order at 5:00 p.m. Committee members present were Tom Mackin and Maria Ermie. Absent was John Kevern. Also in attendance were Deputy Service Director Jon Eckel and Water Division Superintendent Mark Dunsmoor.

SANITARY SEWER MASTER PLAN

Jim Williamson, Finkbeiner Pettis & Strout Inc., reviewed minor corrections to the final Sanitary Sewer Master Plan. The Plan will provide a long-range plan for the City's un-sewered service areas in the district. The Plan was accepted by the Northwest Ohio Water and Sewer District, and a copy of the Plan was forwarded to them.

Ord #155-03

PROCEDURE TO COLLECT SEWER SYSTEM DEVELOPMENT FEES

Using a sample calculation of a newly annexed area, Mr. Williams reviewed the methodology used to determine the sewer system development fees. The calculation was based on proportionate costs of the force main, pipe flow, acreage component, and a flow component. The Committee agreed to the calculations; however, they noted that the calculation included costs such as construction costs and an interest rate that will be variable over time. The Committee questioned assigning a fixed number to these costs, noting that the fixed number would be used in the Policy, and the costs could fluctuate as time goes by or until the Master Plan was updated again. Mr. Mackin suggested that a mechanism should be investigated to include an "X" number to the variable costs so that if the costs do change, those costs could be realized and passed on to the developers. The Committee also discussed if a policy should be instituted that does not use specific calculations. Mr. Williamson acknowledged that changing the variable rates would change all of the calculations used; however, the Master Plan will reflect the basis of the framework by showing every pipe within the network. Mr. Eckel noted that the Master Plan would be a useful tool, citing recent examples of developers approaching the City asking what is needed to service their new subdivisions. The Committee agreed to continue to examine the above concerns.

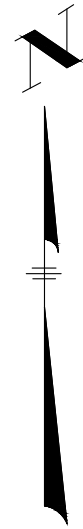
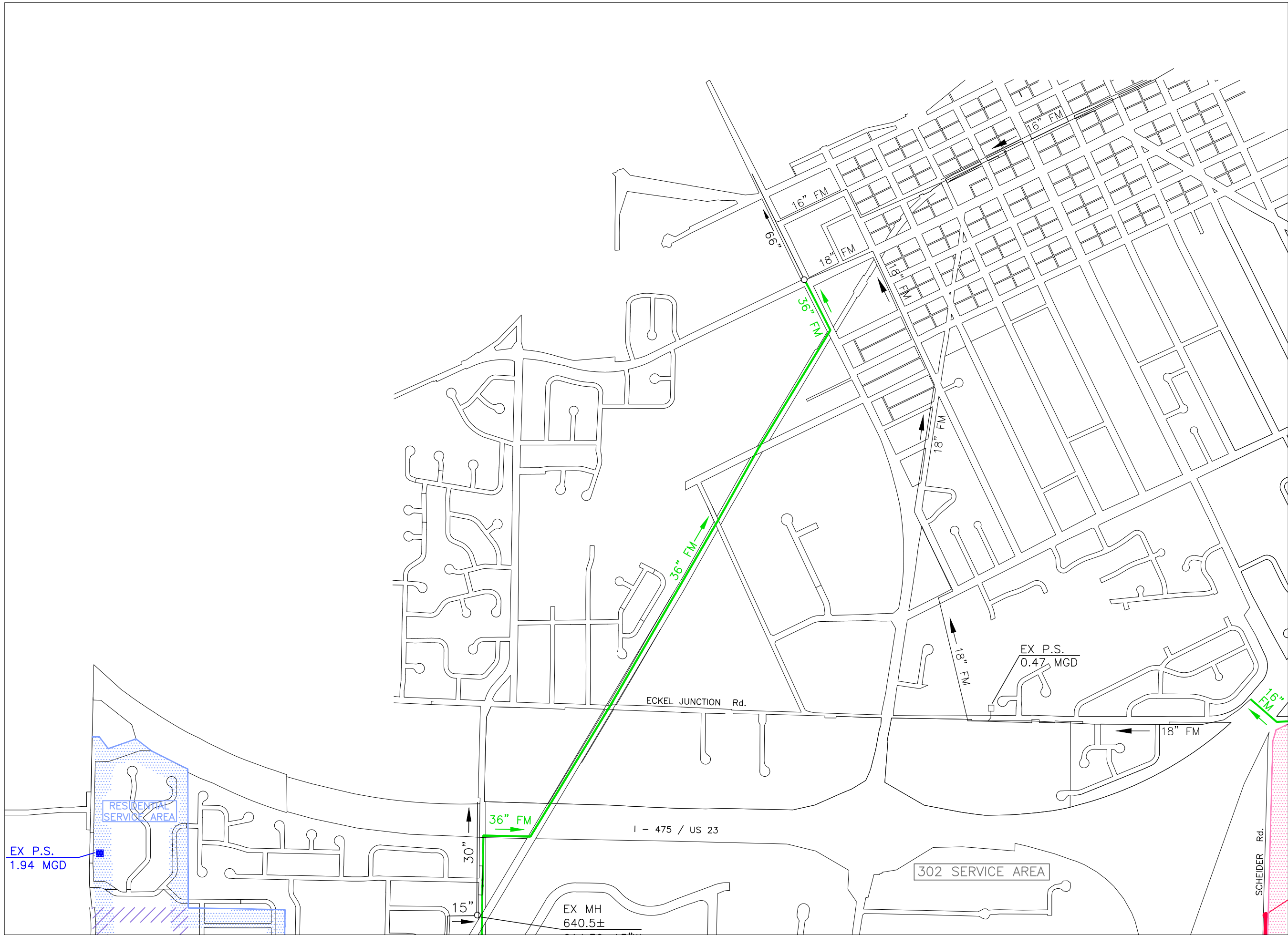
Mr. Eckel reported that at the request of the Committee, Mr. Dariano contacted other communities to investigate their policies for their system development fees. To date, he has not received a response.

WATER AND SEWER RATE INCREASES FOR 2004

The City is currently performing a Rate Study, which will determine the water and sewer rates after January 1, 2004. The start of the Rate Study was delayed so that it could consider all of the recent developments regarding water and sewer services when determining rates.

The Committee also evaluated if a 3.6 percent water and sewer rate increase should be instituted (which has been the historical rate of increase for the last four years) or to choose not to increase the current rates until the Rate Study has been completed; although, the Study may conclude a shortfall which may require a much higher rate increase than the 3.6 percent. The Committee also discussed the impact on water and sewer rates of recently passed water and sewer agreements, and the increased price for water from the City of Toledo, along with other price increases related to the delivery of water to the City. Given all of these factors demonstrated an increase in the cost of providing water and sewer services to the City, the Committee agreed that continuing the current policy at the current rate of increase was appropriate. Because there would be a rate increase, the Committee agreed that Council have three readings for the Ordinance. *The Committee agreed 2-0 that an ordinance be prepared authorizing the City to increase the water and sewer rates 3.6 percent for 2004.*

Ord # 166, 167, 168, 169,
170, 173, 174, 175



SCALE: 1"=1250'

LEGEND

- COMMERCIAL SERVICE AREA
- INDUSTRIAL SERVICE AREA
- MIXED USE SERVICE AREA
- RESIDENTIAL SERVICE AREA
- PIPE NUMBER

FIGURE 1

SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO



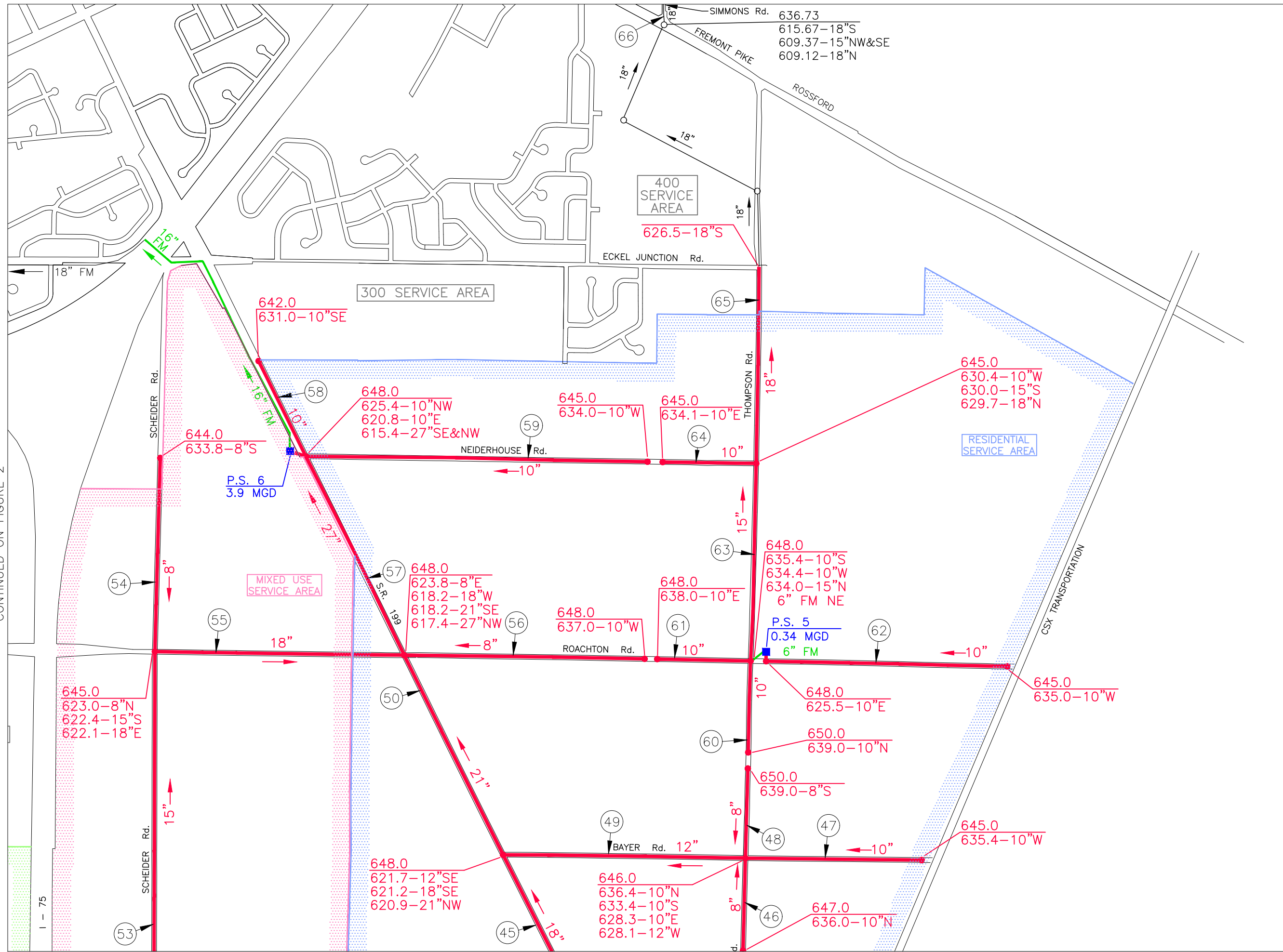
ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

2023

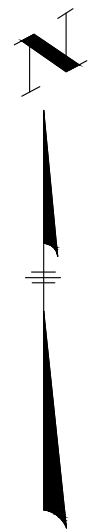
CONTINUED ON FIGURE 2

XREF: \\P:\IT\GIS\PROJECTS\2012 SAN-TRIB AREA.DWG Scale: 1"=1250' Date: 01/25/2012 Time: 10:39 Layout: 3-CDS

CONTINUED ON FIGURE 2



CONTINUED ON FIGURE 5



SCALE: 1"=1250'

LEGEND

- COMMERCIAL SERVICE AREA
- INDUSTRIAL SERVICE AREA
- MIXED USE SERVICE AREA
- RESIDENTIAL SERVICE AREA
- PIPE NUMBER

FIGURE 3

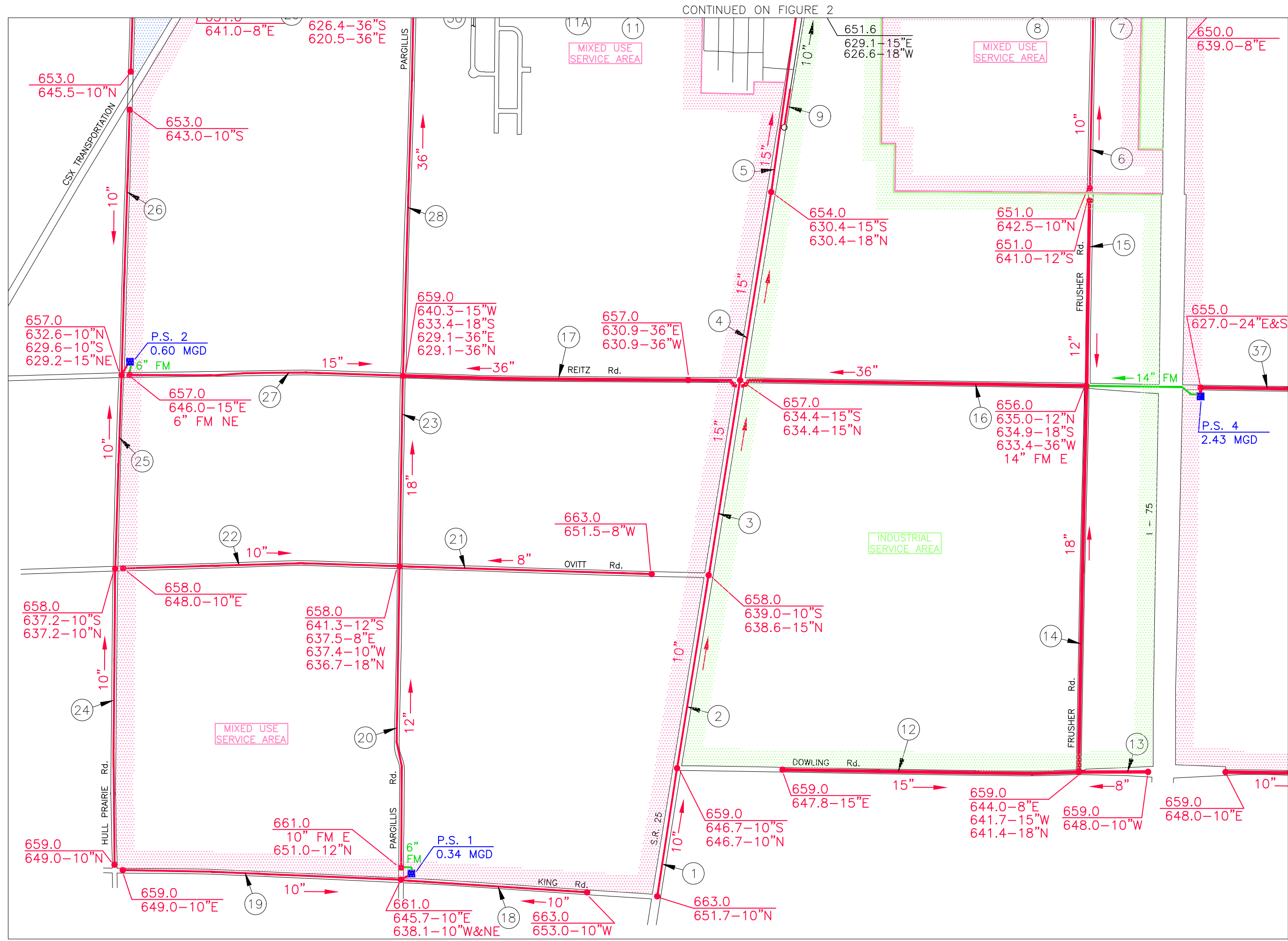
SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO

ARCADIS

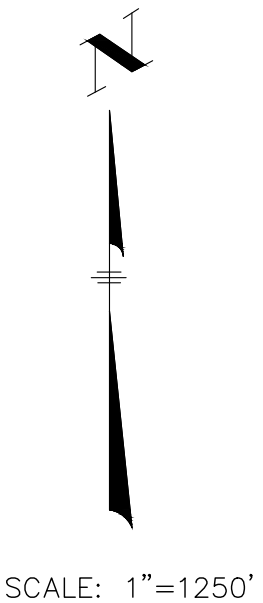
ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

2023

XREF: S:\PROJECTS\2012\000542\001\Drawing\2012 SAN-TRIB AREA.DWG Scale: 1"=1250' Date: 01/25/2012 Time: 10:41 Layout: 4-COST



CONTINUED ON FIGURE 5



- LEGEND**
- COMMERCIAL SERVICE AREA
 - INDUSTRIAL SERVICE AREA
 - MIXED USE SERVICE AREA
 - RESIDENTIAL SERVICE AREA
 - PIPE NUMBER

FIGURE 4

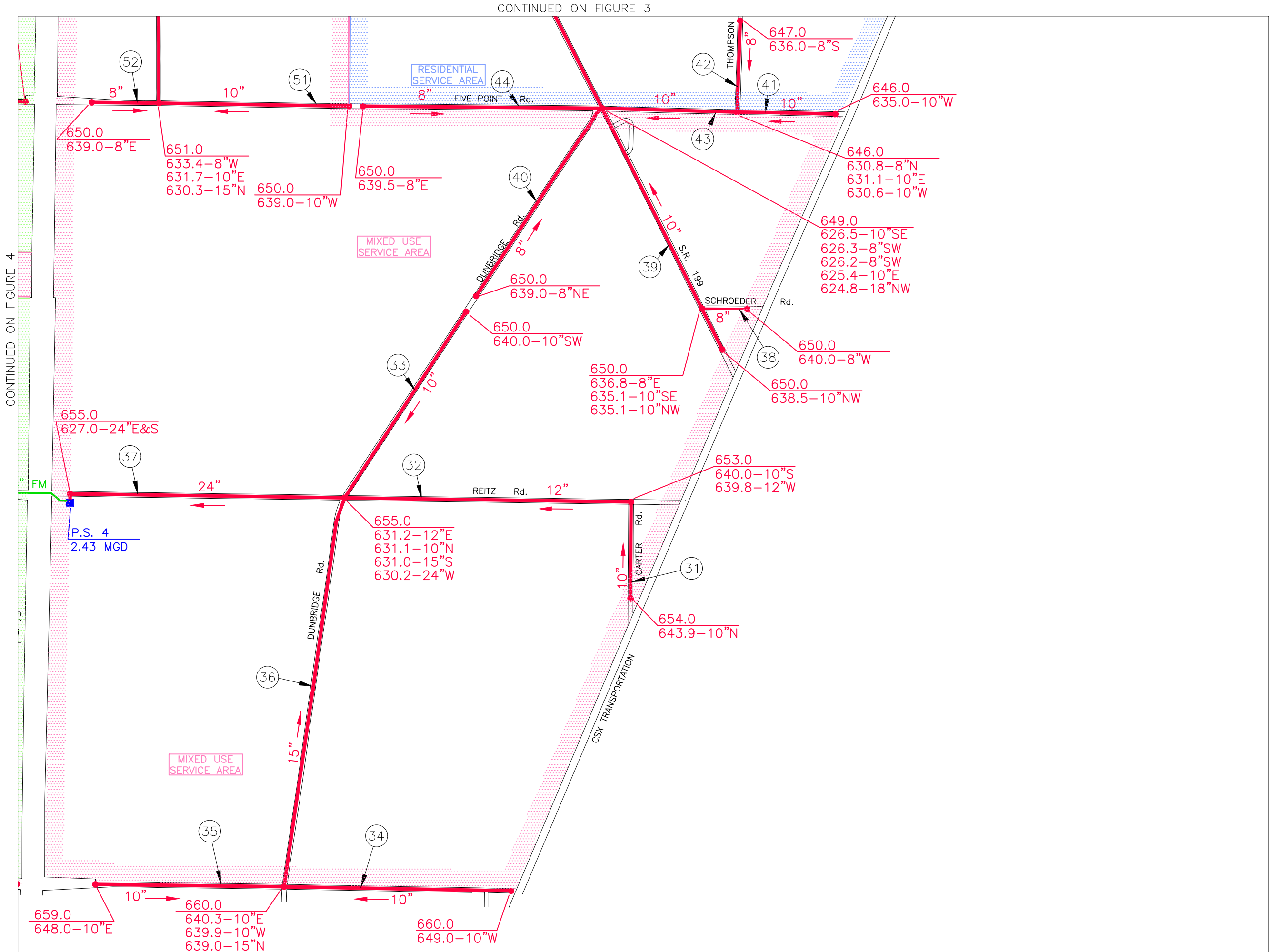
SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO

ARCADIS

ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

2023

XREF: S:\PROJECTS\2012 SAN-TRIB AREA.DWG Scale: 1"=1250' Date: 02/27/2012 Time: 11:44 Layout: 5-CDS



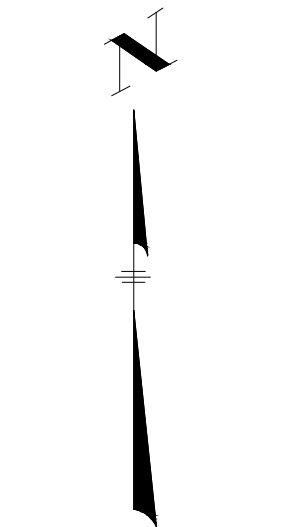
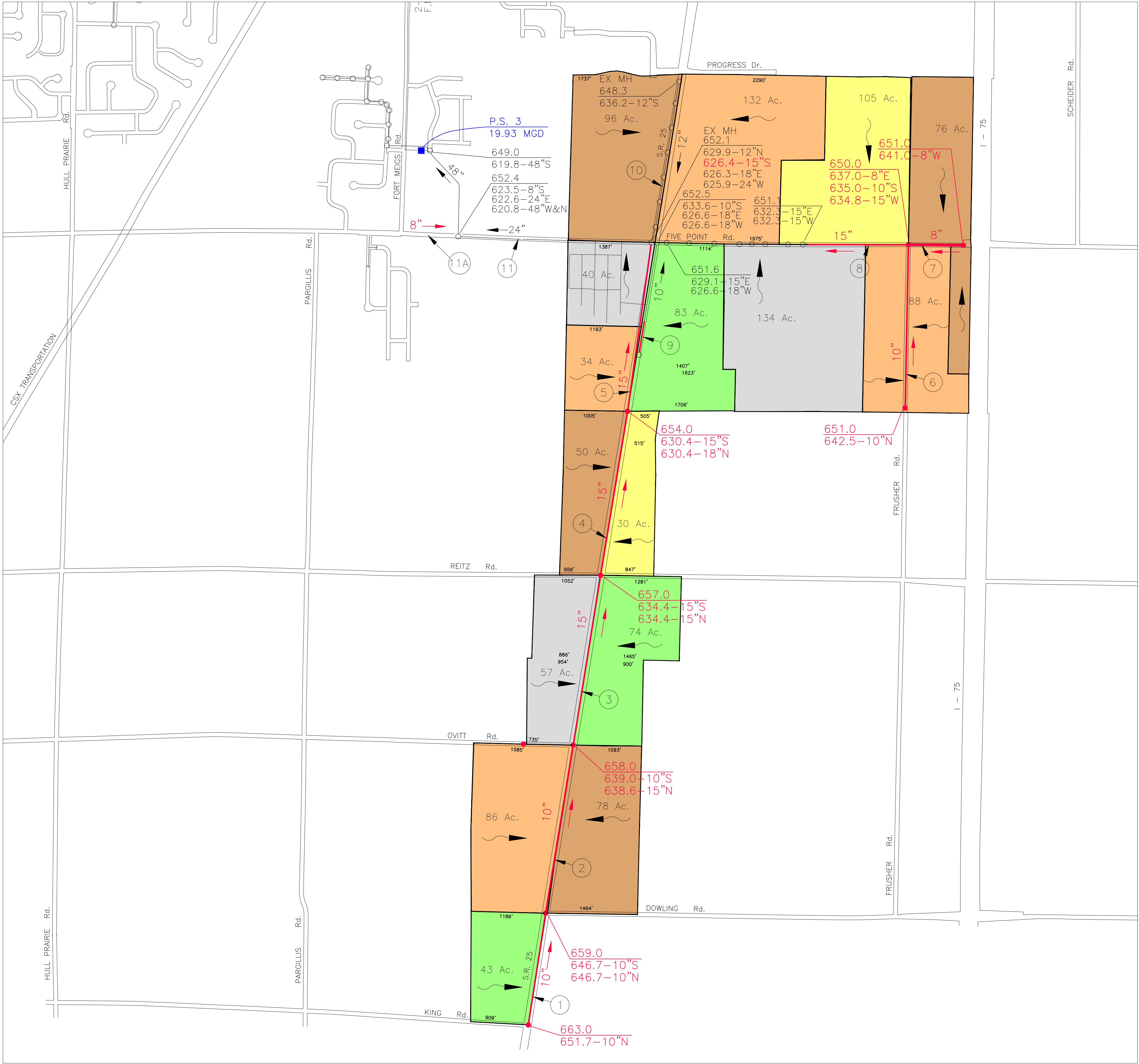


SANITARY SEWER
TRIBUTARY AREAS
PERRYSBURG, OHIO



ARCADIS U.S., Inc.
One Seagolf, Suite 700
Toledo, OH 43604
Tel: 419-473-1121 Fax: 419-473-2108
www.arcadis.com

Users:SP10000542.M001/2012 SAN-TRIB AREA.dwg



SCALE: 1"=800'

STATE ROUTE 25
SANITARY SEWER
TRIBUTARY AREAS
PERRYSBURG, OHIO

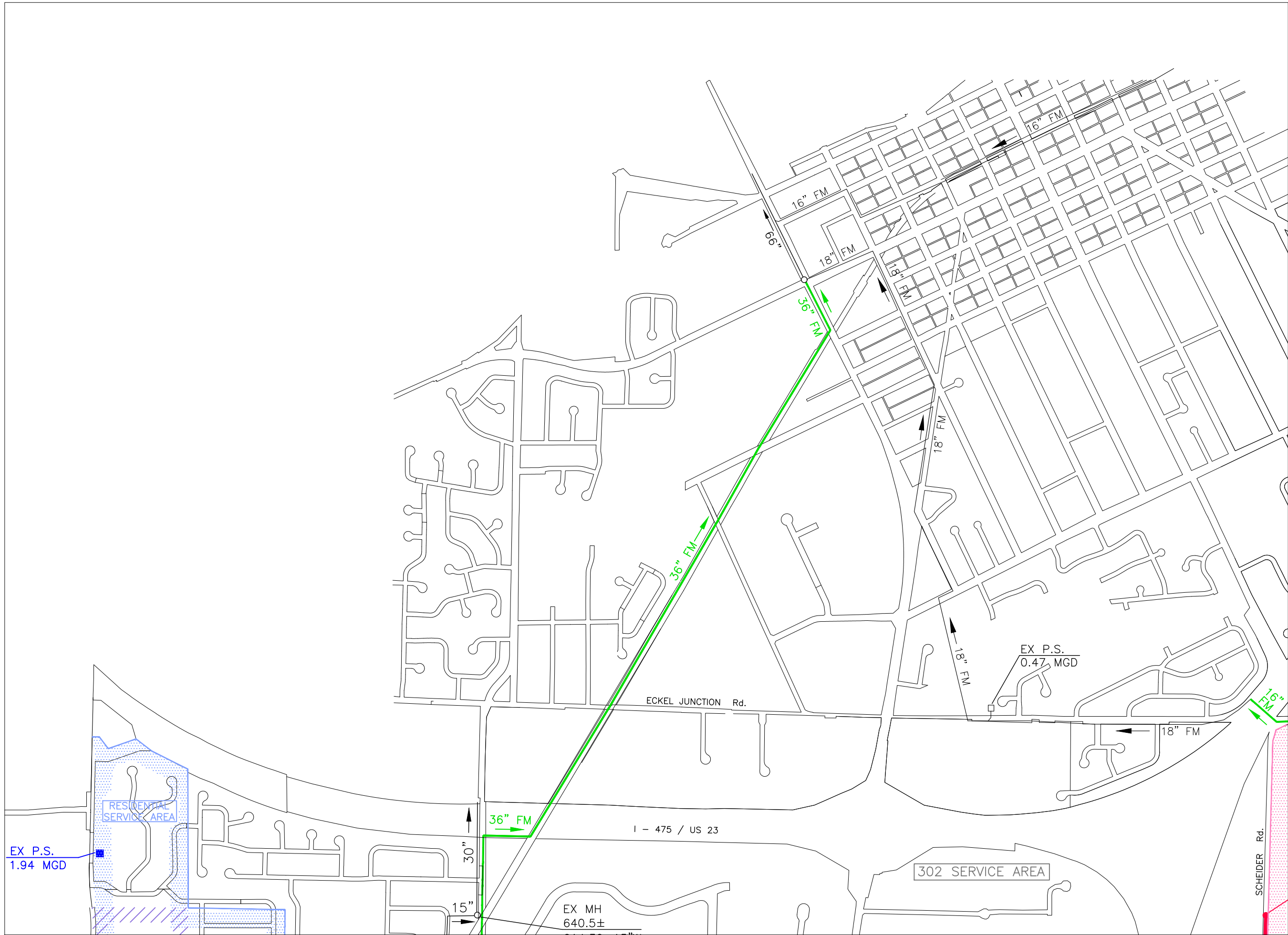


ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121 Fax: 419-473-2108
www.arcadis.com

2023

ARCADIS
One SeaGate
Suite 700
Toledo, Ohio 43604
Tel 419.473.1121
Fax 419.473.2108

www.arcadis.com



SCALE: 1"=1250'

LEGEND

- COMMERCIAL SERVICE AREA
- INDUSTRIAL SERVICE AREA
- MIXED USE SERVICE AREA
- RESIDENTIAL SERVICE AREA
- 55 PIPE NUMBER

FIGURE 1

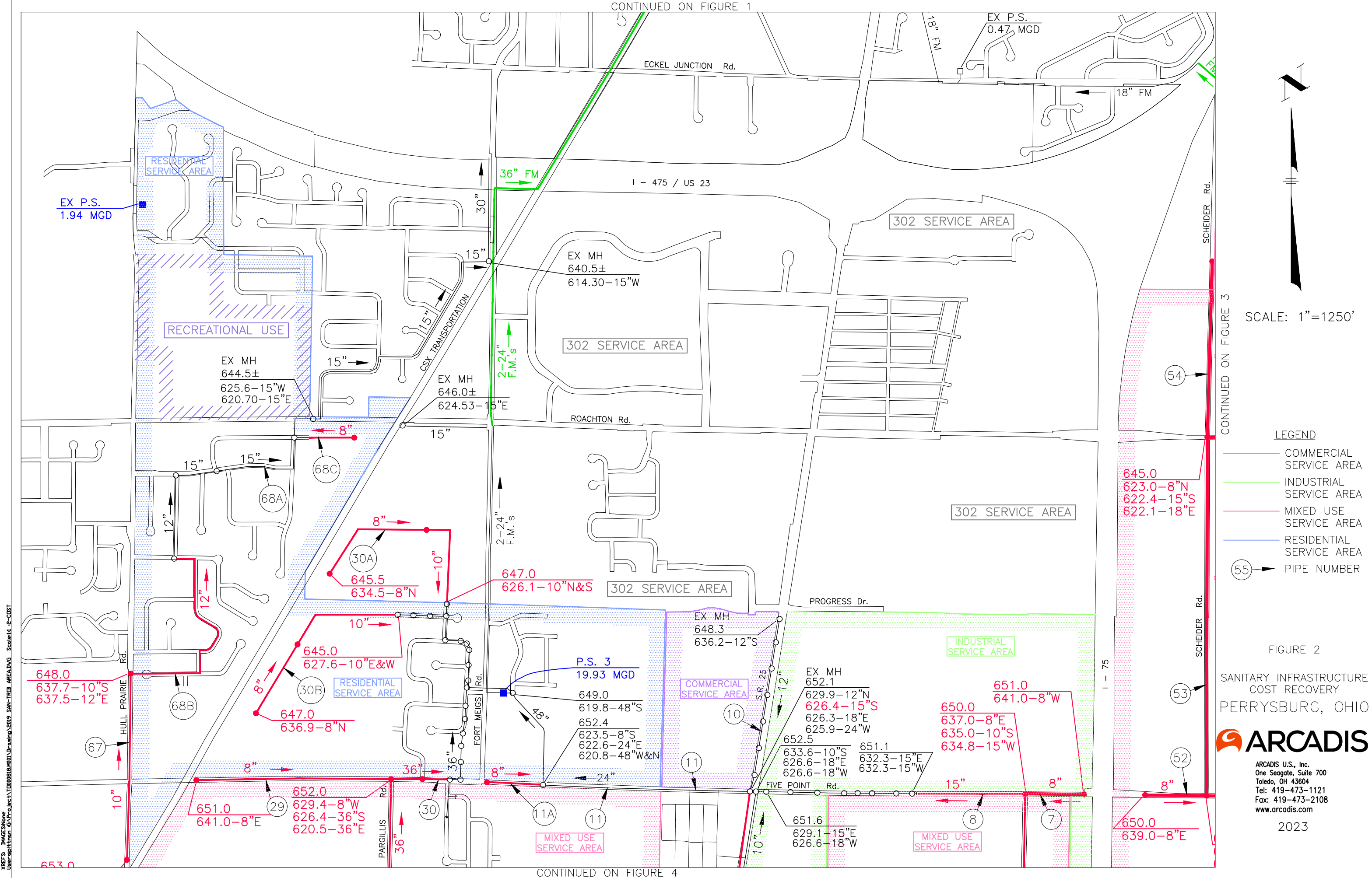
SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO



ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

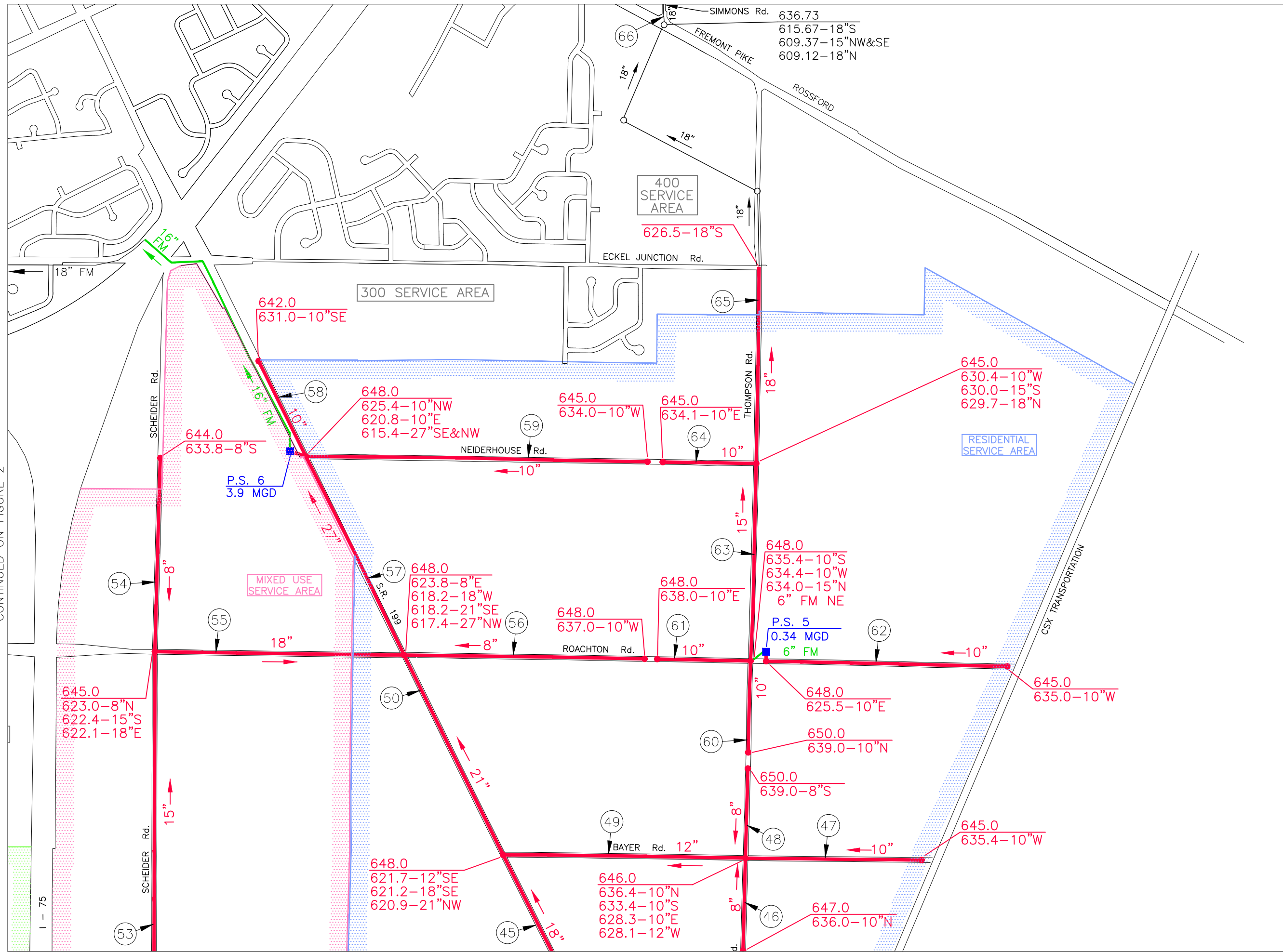
2023

CONTINUED ON FIGURE 2



XREFS: IMAGE\$NON\$ SAN-TRIB AREA.DWG Scale:1:1 Date:01/25/2012 Time:10:39 Layout:3-CDS
08-11-2012 10:39 AM
C:\Users\jgarcia\OneDrive\Documents\Projects\San-Trib\San-Trib Area.DWG Scale:1:1 Date:01/25/2012 Time:10:39 Layout:3-CDS

CONTINUED ON FIGURE 2



CONTINUED ON FIGURE 5

SCALE: 1"=1250'

- LEGEND
- COMMERCIAL SERVICE AREA
 - INDUSTRIAL SERVICE AREA
 - MIXED USE SERVICE AREA
 - RESIDENTIAL SERVICE AREA
 - PIPE NUMBER

FIGURE 3

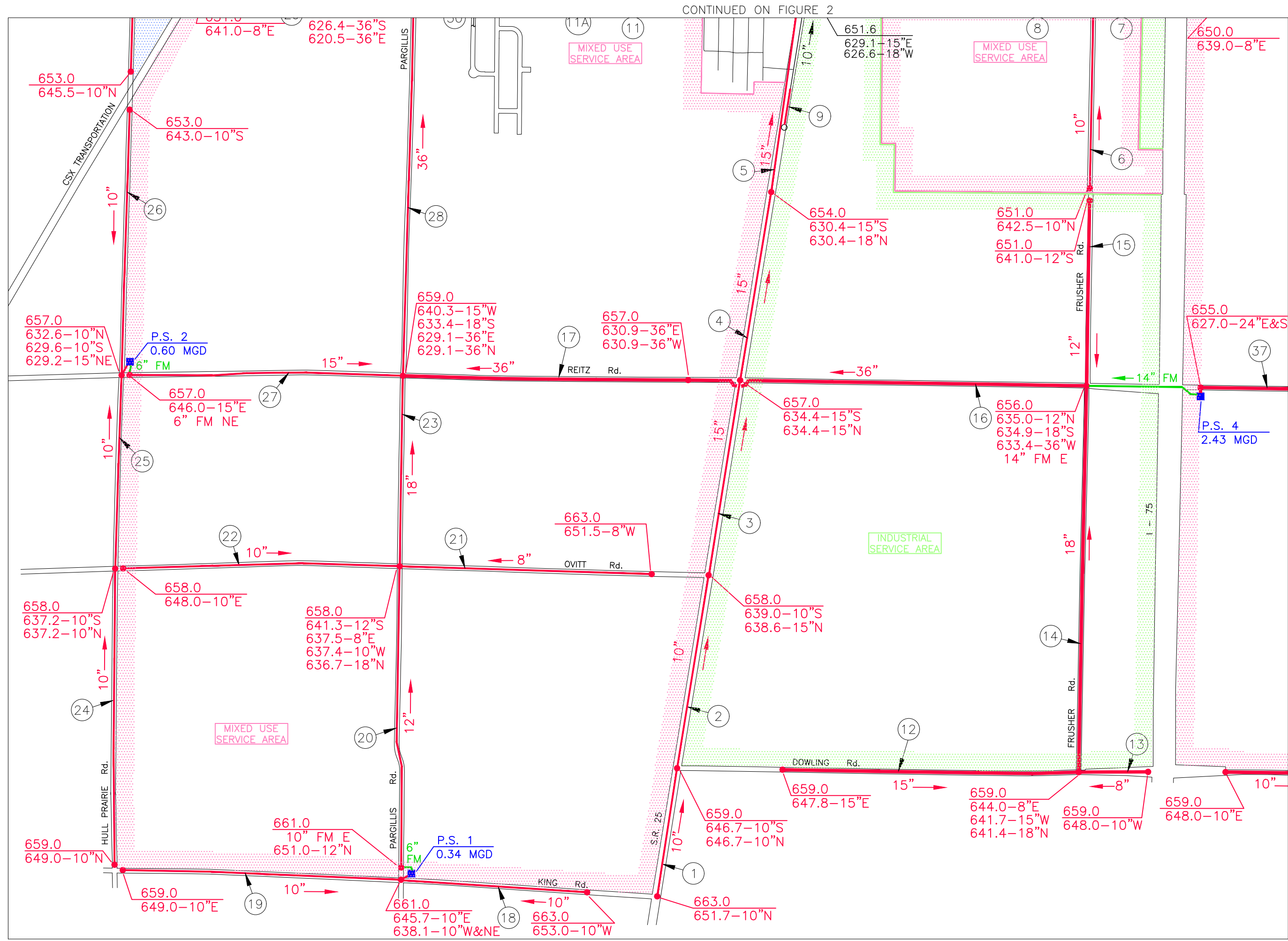
SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO

ARCADIS

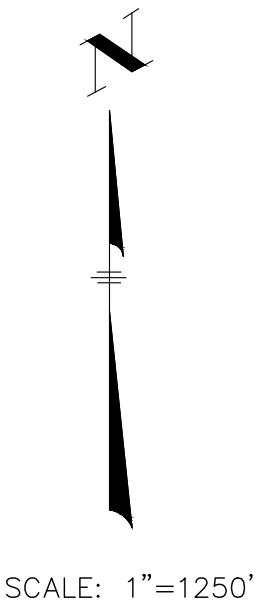
ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

2023

XREF: S:\PROJECTS\2012 SAN-TRIB AREA.DWG Scale: 1"=1250' Date: 01/25/2012 Time: 10:41 Layout: 4-COST



CONTINUED ON FIGURE 5



- LEGEND**
- COMMERCIAL SERVICE AREA
 - INDUSTRIAL SERVICE AREA
 - MIXED USE SERVICE AREA
 - RESIDENTIAL SERVICE AREA
 - PIPE NUMBER

FIGURE 4

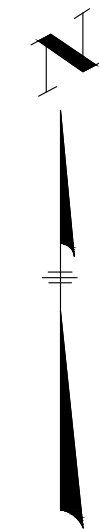
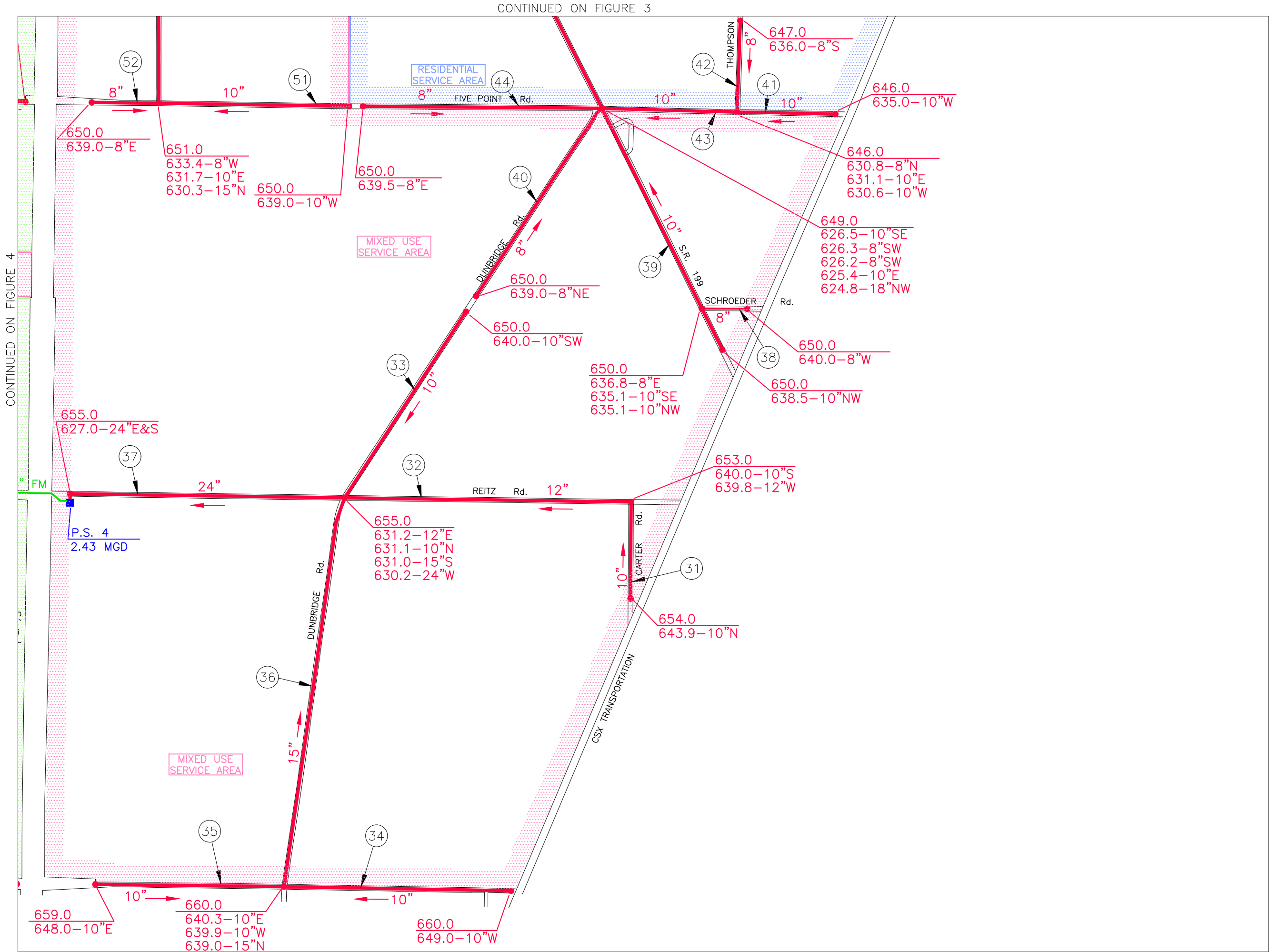
SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO

ARCADIS

ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

2023

XREF: S:\PROJECTS\2012 SAN-TRIB AREA.DWG Scale: 1"=1250' Date: 02/27/2012 Time: 11:44 Layout: 5-CDS



LEGEND

- COMMERCIAL SERVICE AREA
- INDUSTRIAL SERVICE AREA
- MIXED USE SERVICE AREA
- RESIDENTIAL SERVICE AREA
- PIPE NUMBER

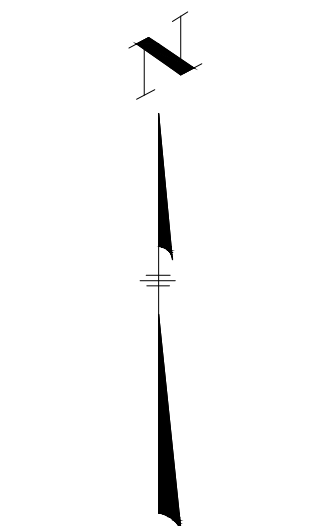
FIGURE 5

SANITARY INFRASTRUCTURE
COST RECOVERY
PERRYSBURG, OHIO

ARCADIS

ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121
Fax: 419-473-2108
www.arcadis.com

2023



SCALE: 1"=1200'

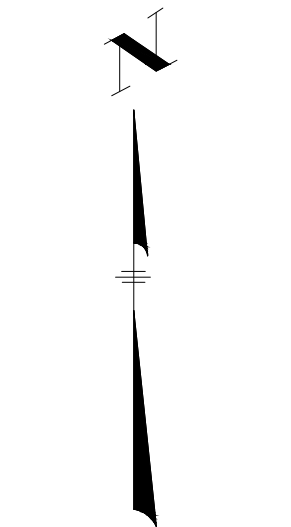
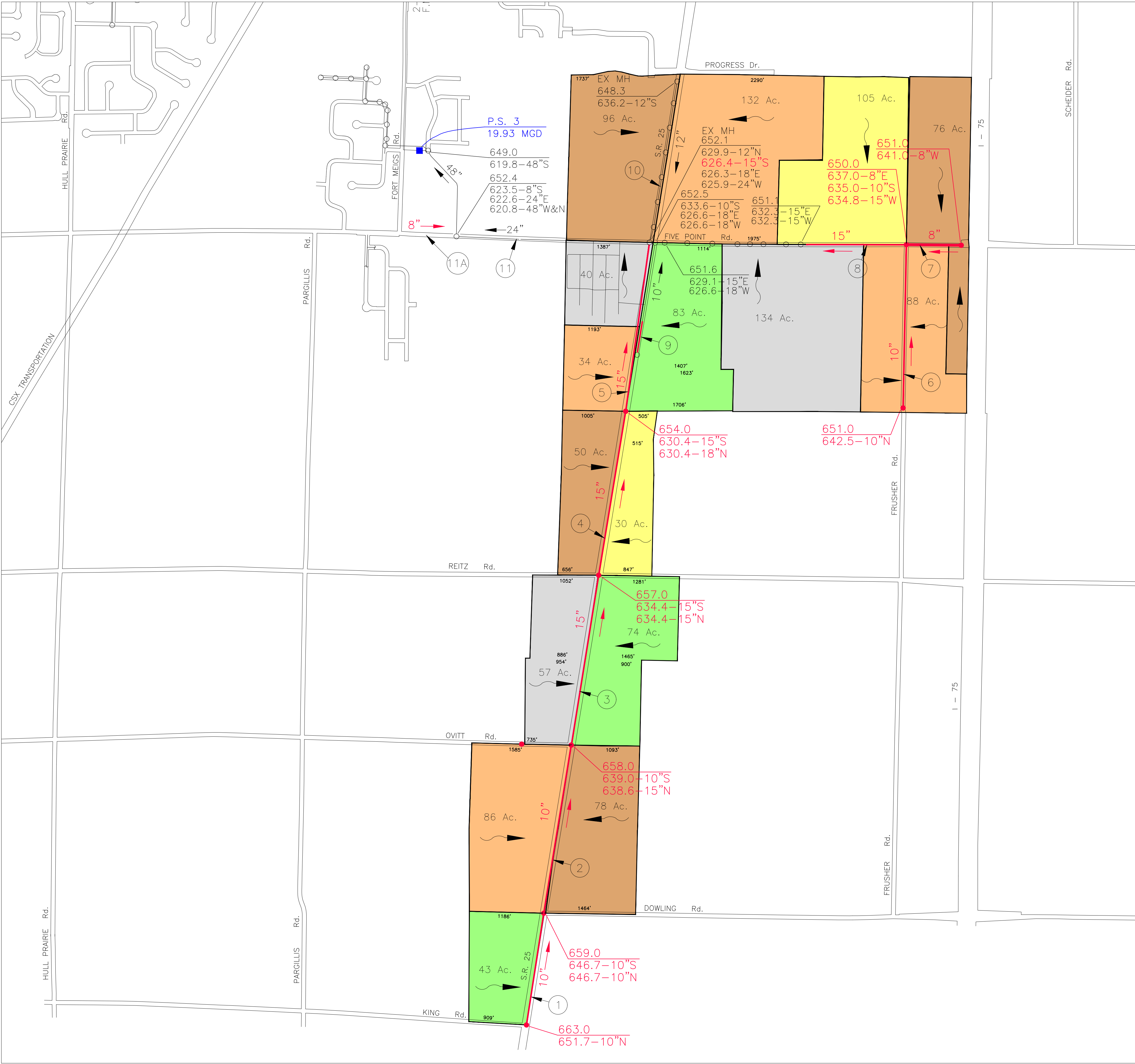
SANITARY SEWER
TRIBUTARY AREAS
PERRYSBURG, OHIO

ARCADIS
ARCADIS U.S., Inc.
One Seagolf, Suite 700
Toledo, OH 43604
Tel: 419-473-1121 Fax: 419-473-2108
www.arcadis.com

2023

Users:SPR1000, SPEC1:K01E, S1:ANJAWKJ, FILE:U:\PROJECTS\11000542\MU\UPAWING\CDL2_SAN-TRIB_AREA.dwg, SCALE:1:800, DATE:07/01/2012, LAYOUT:K01E-800

10000542.M001/2012 SAN-TRIB AREA.dwg



SCALE: 1"=800'

STATE ROUTE 25
SANITARY SEWER
TRIBUTARY AREAS
PERRYSBURG, OHIO



ARCADIS U.S., Inc.
One Seagate, Suite 700
Toledo, OH 43604
Tel: 419-473-1121 Fax: 419-473-2108
www.arcadis.com

2023