



Public Works Commission

Application for Financial Assistance

IMPORTANT: Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

Applicant

Applicant: City of Vandalia Subdivision Code: 113-79492

District Number: 4 County: Montgomery Date: 08/19/2022

Contact: Rob Cron Phone: (937) 415-2323
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: rcron@vandaliaohio.org FAX: _____

Project

Project Name: Clyde Pl. & Cyril Ct. Reconstruction SCIP Zip Code: 45377

Subdivision Type	Project Type	Funding Request Summary	
	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>	
<u>City</u>	x 1. Road	Total Project Cost:	<u>927,501.00</u>
	2. Bridge/Culvert	1. Grant:	<u>231,875.00</u>
	3. Water Supply	2. Loan:	<u>231,875.00</u>
	4. Wastewater	3. Loan Assistance/ Credit Enhancement:	<u>0.00</u>
	5. Solid Waste	Funding Requested:	<u>463,750.00</u>
	6. Stormwater		

District Recommendation (To be completed by the District Committee)

Funding Type Requested	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<small>(Select one)</small>		
<input type="checkbox"/> State Capital Improvement Program	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<input type="checkbox"/> Local Transportation Improvement Program	Grant:	Amount: _____ .00
<input type="checkbox"/> Revolving Loan Program	LTIP:	Amount: _____ .00
<input type="checkbox"/> Small Government Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
District SG Priority: _____		

For OPWC Use Only

STATUS: _____	Grant Amount: _____ .00	Loan Type: <input type="checkbox"/> SCIP <input type="checkbox"/> RLP
Project Number: _____	Loan Amount: _____ .00	Date Construction End: _____
_____	Total Funding: _____ .00	Date Maturity: _____
Release Date: _____	Local Participation: _____ %	Rate: _____ %
OPWC Approval: _____	OPWC Participation: _____ %	Term: _____ Yrs

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services

Preliminary / Final Design:	<u>15,000</u>	.00	
Construction Administration:	<u>20,000</u>	.00	
Total Engineering Services:	a.) <u>35,000</u>	.00	<u>3.9</u> %
Right of Way:	b.) <u>0</u>	.00	
Construction:	c.) <u>892,501</u>	.00	
Permits, Advertising, Legal:	e.) <u>0</u>	.00	
Construction Contingencies:	f.) <u>0</u>	.00	
Total Estimated Costs:	g.) <u>927,501</u>	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) <u>35,000</u>	.00	
Local Revenues:	b.) <u>428,751</u>	.00	
Other Public Revenues:			
Local / ODOT - Let: _____	d.) <u>0</u>	.00	
ODOT PID: _____			
OEPA / OWDA:	e.) <u>0</u>	.00	
CDBG:	f.) _____	.00	
Other: _____	g.) <u>0</u>	.00	
Subtotal Local Resources:	i.) <u>463,751</u>	.00	<u>50</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>50</u> % of OPWC Funds	j.) <u>231,875</u>	.00	
Loan: <u>50</u> % of OPWC Funds	k.) <u>231,875</u>	.00	<u>5</u> yrs
Loan Assistance / Credit Enhancement:	l.) <u>0</u>	.00	
Subtotal OPWC Funds:	m.) <u>463,750</u>	.00	<u>50</u> %
Total Financial Resources:	n.) <u>927,501</u>	.00	<u>100</u> %

1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project New / Expansion: _____⁰.00

3.0 Project Schedule

3.1 Engineering / Design / Right of Way Begin Date: 01/02/2023 End Date: 06/30/2023
3.2 Bid Advertisement and Award Begin Date: 07/14/2023 End Date: 08/04/2023
3.3 Construction Begin Date: 10/02/2023 End Date: 07/31/2024

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed. Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 33 Years Age: 1955 (Year built or year of last major improvement)

Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT 116 Year 2022

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

Residential Water Rate Current \$ 21 Number of households served: 31

Residential Wastewater Rate Current \$ 11 Number of households served: 31

Stormwater: Number of households served: 31

4.3 Project Description

A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 2000 character limit.

The project will be a total construction including utilities of approximately 1,170 lineal feet of Clyde Pl. and Cyril Ct. from Vista Drive to Attica Drive. Clyde and Cyril are the same street that changes name at a curve.

B: IDENTIFY THE PROBLEM (Describe the issue to be addressed) 2000 character limit.

The project will replace and aging street that has had no significant improvements since it was built in 1955. Concrete curbs are deteriorated and are hazardous in some locations. ADA Handicap ramps are needed at intersections. We have experienced seven (7) watermain breaks on this street on 1,150 lineal feet of pipe interrupting service to our customers. Old clay sanitary sewer main and services will be replace with PVC pipe eliminating ongoing I & I to the lines.

C: PROJECT SCOPE (Describe the work to be completed) 2000 character limit.

Replace approximately 1,150 lineal feet of 6" cast iron watermain with new 8" ductile iron main including 31 service lines and one fire hydrant.

Replace 1,117 feet of sanitary sewer main including 5 manholes and 31- 4" service laterals.

Replace approximately 1,020 lineal feet of storm sewer including 6 storm manholes and 7 catch basins.

Replace 2,290 lineal feet of concrete curb, 4,200 sf of drive approaches and 1,440 sf of sidewalk.

Remove and replace 1,170 lineal feet of roadway including gravel base and asphalt.

5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1 Chief Executive Officer (Person authorized in legislation to sign project agreements)

Name: Dan Wendt
Title: City Manager
Address: 245 James E. Bohanan Memorial Drive

City: Vandalia State: OH Zip: 45377
Phone: 937-415-2258
FAX:
E-Mail: dwendt@vandaliaohio.org

5.2 Chief Financial Officer (Can not also serve as CEO)

Name: Bridgette Leiter
Title: Director of Finance
Address: 333 Bohanan Drive

City: Vandalia State: OH Zip: 45377
Phone: 937-898-5891
FAX:
E-Mail: bleiter@vandaliaohio.org

5.3 Project Manager

Name: Rob Cron
Title: Director of Public Service
Address: 333 Bohanan Dr.

City: Vandalia State: OH Zip: 45377
Phone: (937) 415-2323
FAX:
E-Mail: rcron@vandaliaohio.org

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

- x A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.

- x A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.

- x A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.

A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.

Farmland Preservation Review - The Governor's Executive Order 98-IV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.

Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.

- x Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

Certifying Representative (Printed form, Type or Print Name and Title)

Original Signature / Date Signed

**CITY OF VANDALIA
MONTGOMERY COUNTY, OHIO
RESOLUTION 22-R-56**

A RESOLUTION AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND/OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND AUTHORIZING ADDITIONAL ACTION AS NECESSARY FOR THE CITY TO PARTICIPATE IN SUCH PROGRAMS WITH RESPECT TO THE CLYDE PLACE & CYRIL COURT RECONSTRUCTION PROJECT

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for certain capital improvements to public infrastructure that are qualified projects under Ohio Public Works Commission programs; and

WHEREAS, the City of Vandalia is planning to make capital improvements for the project known as the Clyde Place & Cyril Court Reconstruction project;

WHEREAS, the Clyde Place & Cyril Court Reconstruction project is considered to be a priority need for the City and is a qualified project under the Ohio Public Works Commission programs.

NOW, THEREFORE BE IT RESOLVED BY THE COUNCIL OF THE CITY OF VANDALIA, MONTGOMERY COUNTY, OHIO, THAT:

Section 1. The City Manager or his designee, is hereby authorized to apply to the Ohio Public Works Commission for State Capital Improvement Program and/or Local Transportation Improvement Program financial assistance funds relating to the capital improvements to public infrastructure for the Clyde Place & Cyril Court Reconstruction project.

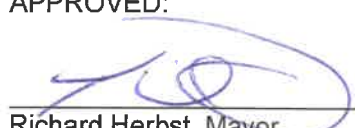
Section 2. The City Manager is further authorized to enter into any agreements as may be necessary and appropriate that are not averse to the interest of the City that are necessary to apply for this financial assistance.

Section 3. Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this legislation were taken in an open meeting of this Council and any of its committees, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law including Section 121.22 of the Ohio Revised Code.


Section 4. This resolution shall become effective immediately upon its passage.

Passed this 15th day of August 2022.

APPROVED:


Richard Herbst, Mayor

ATTEST:


Daniel D. Wendt, Clerk of Council

Clyde/Cyril Reconstruction estimate

2023

DESCRIPTION	UNIT PRICE	UNIT	CLYDE/CYRIL RECON.	
			QUANT	TOTAL
Sawcut existing asphalt	\$3.00	LF	150	\$450.00
Remove existing Fire Hydrant & 6" valve	\$750.00	EA	1	\$750.00
Remove existing 18" R.C.P. Storm	\$25.00	LF	16	\$400.00
Remove existing 15" R.C.P. Storm	\$22.00	LF	678	\$14,916.00
Remove existing 12" R.C.P. Storm	\$20.00	LF	324	\$6,480.00
Remove existing Storm Manholes	\$700.00	EA	6	\$4,200.00
Remove existing Catch Basins	\$375.00	EA	7	\$2,625.00
Excavation & disposal of surplus material (incl. asphalt & base to depth of 14")	\$35.00	CY	1304	\$45,640.00
Subgrade compaction	\$1.25	SY	3354	\$4,192.50
Undercutting, including excavation & placement of aggregate base, if needed	\$75.00	CY	100	\$7,500.00
10" - #304 Crushed aggregate base, applied in two 5" lifts	\$65.00	CY	931	\$60,515.00
1" - #411 Crusher Run stone	\$100.00	CY	93	\$9,300.00
1.5" - #448 Asphalt Intermediate Course PG 64-22	\$275.00	CY	140	\$38,500.00
1.5" - #448 Asphalt Surface Course PG 70-22	\$275.00	CY	140	\$38,500.00
18" PE N-12 storm pipe	\$100.00	LF	16	\$1,600.00
15" PE N-12 storm pipe	\$85.00	LF	678	\$57,630.00
12" PE N-12 storm pipe	\$75.00	LF	324	\$24,300.00
Storm Manhole Type "A"	\$3,750.00	EA	6	\$22,500.00
Type "Y" Catch Basin	2,500.00	EA	7	\$17,500.00
8" SDR-35 sanitary pipe & remove ex. 8" clay	\$90.00	LF	866	\$77,940.00
Sanitary Manhole Type "A" & remove ex. MH	\$3,750.00	EA	5	\$18,750.00
Remove & Replace 4" Thick Sidewalk & Curb Ramps, as per plan	\$9.00	SF	1440	\$12,960.00
Remove & Replace 6" Thick Drive Approaches, as per plan	\$10.50	SF	4200	\$44,100.00
Curb Ramps including 2'x4' tactile pads	\$1,000.00	EA	2	\$2,000.00
Remove & Replace Curb and Gutter (including gravel base), as per plan, to match existing curb type	\$37.00	LF	2290	\$84,730.00
Maintenance of Traffic	\$15,000.00	LS	1	\$15,000.00
6" DI Watermain Cl. 51, Complete and in place incl. restrained joints as required with gravel backfill	\$200.00	LF	31	\$6,200.00
8" DI Watermain Cl. 51, Complete and in place incl. restrained joints as required with gravel backfill	\$110.00	LF	1117	\$122,870.00
8" Valve & Valve Box	\$2,100.00	EA	2	\$4,200.00
6" Valve & Valve Box	\$2,000.00	EA	1	\$2,000.00
6" Fire Hydrant Assembly incl. all fittings, anchor pipe, gravel drain, etc.	\$8,000.00	EA	1	\$8,000.00
8" x 6" Tee	\$600.00	EA	1	\$600.00
8" x 6" Reducer	\$600.00	EA	2	\$1,200.00
6" 45 Degree Bend	\$500.00	EA	4	\$2,000.00
8" 22.5 Degree Bend	\$500.00	EA	4	\$2,000.00
1" copper water service connection, incl. tap and replaced to existing curb stop or meter pit (avg. length 19' of 1" service)	\$1,750.00	EA	31	\$54,250.00
4" Sanitary service connection replaced to existing right-of-way (avg. length 25' of 4" service)	\$1,850.00	EA	31	\$57,350.00
Cut existing 6" water main & plug with concrete	\$800.00	EA	3	\$2,400.00
Seeding & Mulching, including a minimum of 4" of processed topsoil	\$7.50	SY	1527	\$11,452.50
Erosion Control	\$1.00	EA	5000	\$5,000.00
TOTAL				\$892,501.00



A weighted useful life statement stamped/sealed and signed by a licensed professional engineer must be included with the project application.

This spreadsheet has formulas to make a weighted useful life calculation and is populated with an example for illustrative purposes. Items can be added to column a.

Weighted Useful Life & Design Service Capacity Calculations

Major Component	Cost (\$1,000)	Portion Repair / Replacement (%)	Repair / Replace Product	Useful Life (Years)	Useful Life Product
Full-depth road construction w/ drainage	296.09	100	29609	25	7402.25
Full-depth road construction w/o drainage				25	
Partial-depth road construction w/ drainage	77	100	7700	15	1155
Partial-depth road construction w/o drainage				15	
Storm Sewers	313.691	100	31369.1	40	12547.64
Sanitary Sewers				40	
Water Lines	205.72	100	20572	40	8228.8
Bridge				75	
Pumps, Lift Stations				15	
Sidewalks				25	
Bike Facility				7	

Totals	892.501		89250.1		29333.69
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Weighted Useful Life: 32.9 Years

Design Service Capacity (Project Application, Section 2.0):

Portion Repair / Replace 100 %
 Portion New / Expansion %

Mitchell J. Thobe
 Mitchell Thobe, P.E.

8/2/2022
 Date



OHIO PUBLIC WORKS COMMISSION DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant: _____

Project Title: _____

Application Summary:

Briefly describe the project:

Addresses District Infrastructure Needs:

Is this project located in more than one community? (Circle One)		
Yes	No	
What percentage of the community will be served by this project? (Circle One)		
Less than 25%	25% to 40%	More than 40%

Economic Development

How many jobs are being created as a result of this project?	
How many jobs will be retained as a result of this project?	
Why is it necessary to fund this improvement to secure this development?	
What type of industry is proposed in this development?	

Relieve Existing Traffic Congestion:

What is the level of service?	
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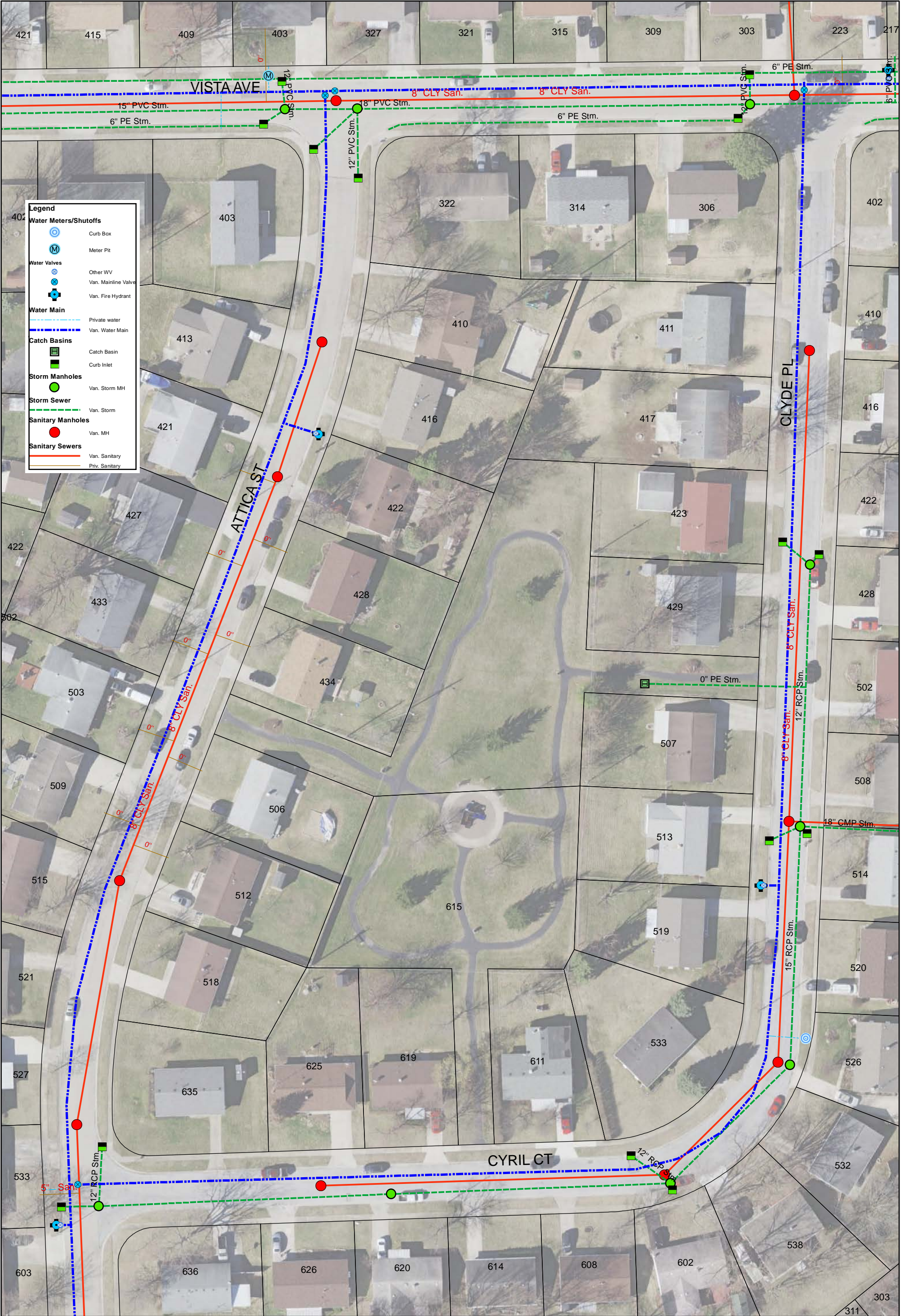
Other Factors

What other factors exist that make this project more important than other like projects?



1 inch = 60 feet

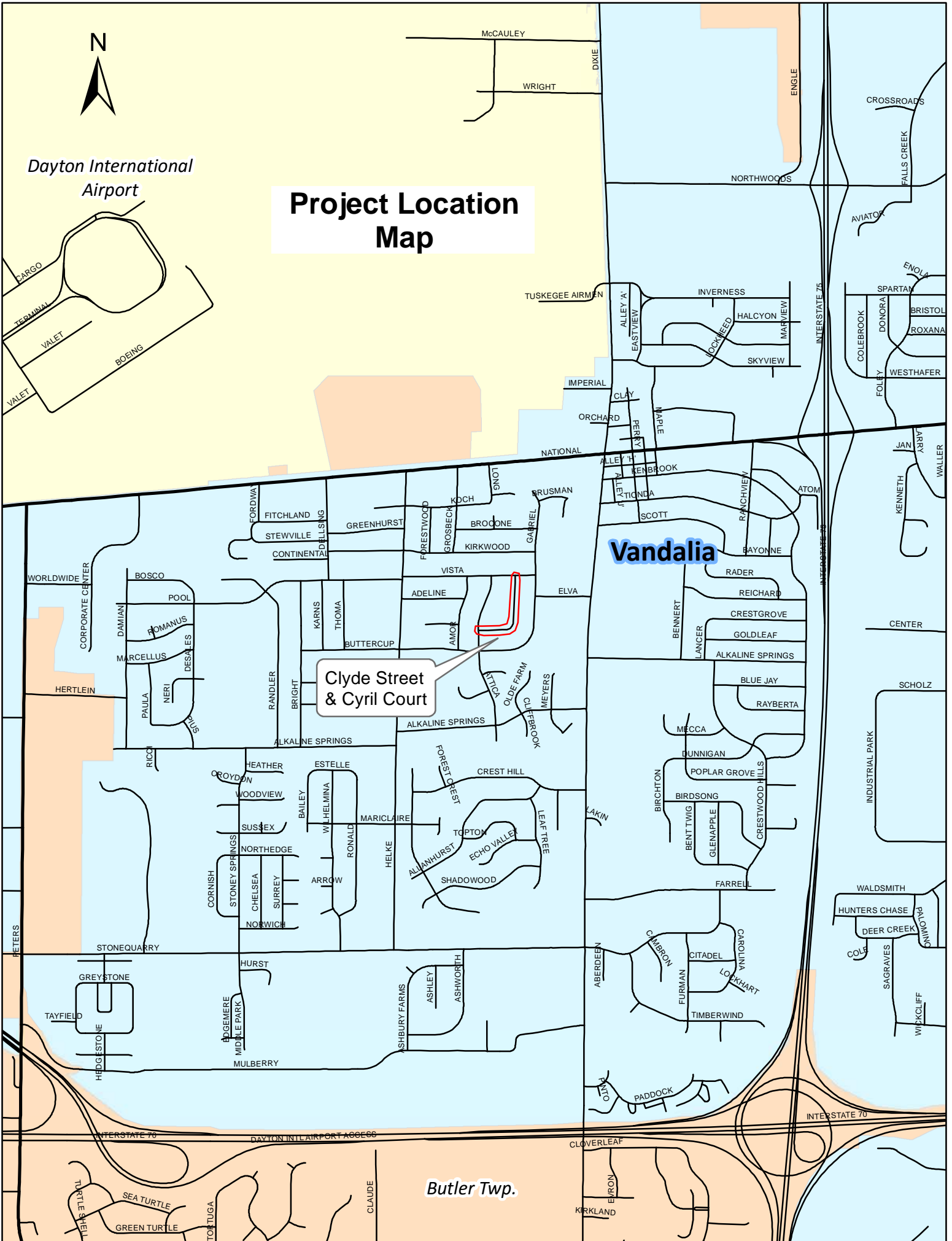
Clyde/Cyril Utilities





Dayton International
Airport

Project Location Map



Clyde Street
& Cyril Court

Vandalia

Butler Twp.

OAKS Engineering, LLC
dba Traffic Data Collection
 Vandalia, OH

LOCATION: CYRIL/CLYDE 250' E OF ATTACA

Direction: Combined

19-Jul-22		> 228 - 360 in.	> 360 - 429.6 in.	> 429.6 - 474 in.	> 474 - 480 in.	> 480 - 504 in.	> 504 - 546 in.	> 546 - 584.4 in.	> 584.4 - 660 in.	> 660 - 720 in.	> 720 - 828 in.	> 828 - 867.6 in.	> 867.6 in.	Total Vehicles	Total Buses	Total Trucks +Buses
Time	0 - 228 in. P	SU-30,M H	S-Bus 36	SU-40	CITY- BUS	P/B	WB-40	P/T	WB-50	A-BUS	WB-62	WB-67D				
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1
06:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
07:00	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
08:00	6	2	0	0	0	0	0	0	0	0	0	0	0	8	0	2
09:00	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	1
10:00	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
11:00	10	1	0	0	0	0	0	0	0	0	0	0	0	11	0	1
12:00	2	0	0	0	0	0	1	0	0	0	0	0	0	3	0	1
13:00	10	0	0	0	1	0	0	0	0	0	0	0	0	11	1	1
14:00	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
15:00	17	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0
16:00	7	1	0	0	0	0	0	0	0	0	0	0	0	8	0	1
17:00	14	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0
18:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
19:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
20:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
21:00	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	120	5	1	0	1	0	1	0	0	0	0	0	0	128	2	8
% Total	93.8%	3.9%	0.8%	0.0%	0.8%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	1.6%	6.3%
AM Peak	11:00 10	08:00 2	05:00 1	*	*	*	*	*	*	*	*	*	*	11 11	05:00 1	08:00 2
MID Peak	15:00 17	09:00 1	*	*	13:00 1	*	12:00 1	*	*	*	*	*	*	15:00 17	13:00 1	09:00 1
PM Peak	15:00 17	16:00 1	*	*	13:00 1	*	12:00 1	*	*	*	*	*	*	15:00 17	13:00 1	12:00 1
Grand Total	120	5	1	0	1	0	1	0	0	0	0	0	0	128	2	8
% Grand Total	93.8%	3.9%	0.8%	0.0%	0.8%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	1.6%	6.3%

ADT Calculation:

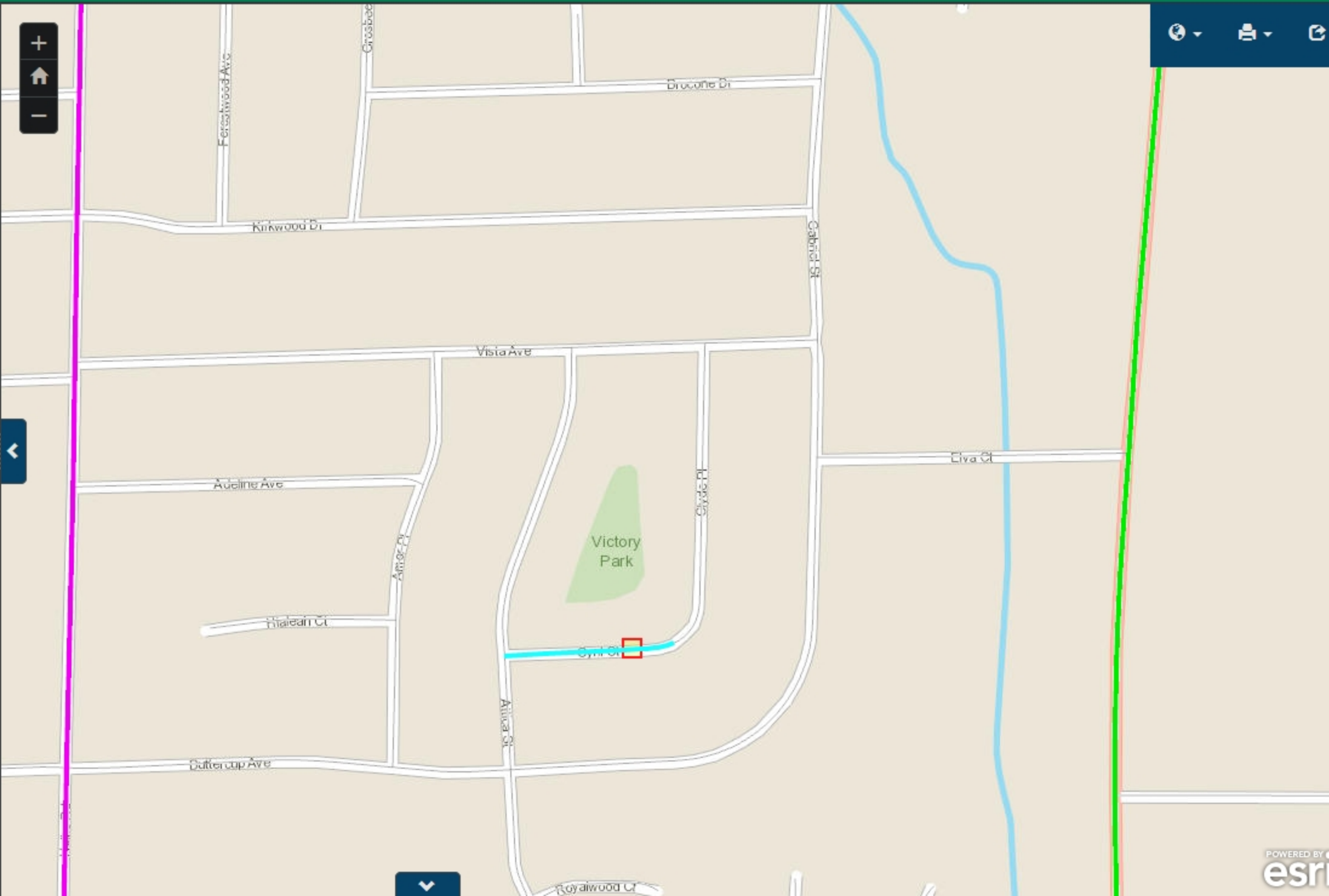
Wed: 128 x 0.910 ==>>> **116 ADT**

Identify

Result layers:

Functional Class ▾

ObjectID	866831
PERP_YEAR	2021
NLF_ID	MMOTMR03143**C
JURISDICTION_CD	M
COUNTY_CD	MOT
ROUTE_TYPE	MR
ROUTE_NBR	03143
ROUTE_SUFFIX	*
ROUTE_EXTENSION_CD	*
CARDINALITY_CD	C
CTL_BEGIN_NBR	0
CTL_END_NBR	0.08
FUNCTION_CLASS_CD	7
created_user	TIMS@P31_AG
created_date	6/17/2022 11:55:24 AM
last_edited_user	TIMS@P31_AG
last_edited_date	6/17/2022 11:55:24 AM
SHAPE	Polyline
SHAPE.STLength()	167.164694



2021 Rural Seasonal Adjustment Factors (All Vehicles)

Group		RURAL INTERSTATE (R01)					
From Year:		2021	To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan	1.672	1.257	1.236	1.208	1.165	1.095	1.348
Feb	1.527	1.449	1.438	1.207	1.211	1.064	1.360
Mar	1.213	1.118	1.080	1.043	1.040	0.910	1.099
Apr	1.098	1.021	1.035	1.035	0.960	0.853	1.059
May	1.051	1.024	1.023	0.990	0.910	0.814	0.992
Jun	0.941	0.947	0.955	0.935	0.876	0.780	0.916
Jul	0.912	0.931	0.942	0.911	0.846	0.743	0.878
Aug	0.937	0.951	0.971	0.931	0.866	0.777	0.910
Sep	1.024	0.995	1.008	0.999	0.912	0.791	0.980
Oct	1.020	0.988	0.994	0.963	0.908	0.808	0.995
Nov	1.151	1.017	0.983	1.004	0.966	0.851	1.044
Dec	1.215	1.064	1.031	1.007	0.995	0.905	1.122

Group		RURAL FREEWAY EXPRESSWAY (R02)					
From Year:		2021	To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan	1.777	1.190	1.141	1.113	1.082	1.051	1.348
Feb	1.621	1.352	1.301	1.126	1.156	1.038	1.310
Mar	1.305	1.073	1.023	0.991	0.996	0.905	1.094
Apr	1.234	1.021	0.994	0.989	0.949	0.871	1.098
May	1.134	1.019	0.986	0.954	0.900	0.817	1.005
Jun	1.009	0.967	0.947	0.920	0.878	0.784	0.943
Jul	1.004	0.948	0.940	0.899	0.864	0.759	0.921
Aug	1.010	0.957	0.946	0.923	0.873	0.784	0.937
Sep	1.109	1.010	0.986	0.977	0.908	0.799	0.995
Oct	1.164	1.005	0.975	0.949	0.914	0.828	1.039
Nov	1.320	1.019	0.967	0.970	0.954	0.859	1.117
Dec	1.318	1.028	0.975	0.963	0.953	0.884	1.099

Group		RURAL OTHER PRINCIPAL ARTERIAL (R03)					
From Year:		2021	To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan	1.836	1.163	1.124	1.105	1.073	1.017	1.356
Feb	1.607	1.309	1.371	1.117	1.162	1.012	1.318
Mar	1.349	1.037	1.002	0.982	0.987	0.897	1.109
Apr	1.240	0.971	0.959	0.964	0.925	0.845	1.082
May	1.180	0.974	0.952	0.930	0.885	0.828	1.012
Jun	1.100	0.938	0.921	0.919	0.869	0.819	0.997
Jul	1.137	0.953	0.933	0.909	0.879	0.817	1.010
Aug	1.139	0.951	0.938	0.925	0.878	0.819	1.010
Sep	1.171	0.957	0.953	0.954	0.887	0.798	1.024
Oct	1.179	0.966	0.946	0.928	0.893	0.821	1.028
Nov	1.323	0.990	0.950	0.954	0.944	0.850	1.101
Dec	1.340	1.015	0.983	0.968	0.952	0.883	1.126

Group		RURAL MINOR ARTERIAL (R04)					
From Year:		2021	To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan	1.850	1.166	1.124	1.104	1.088	1.026	1.330
Feb	1.623	1.282	1.331	1.093	1.118	1.007	1.254
Mar	1.409	1.033	0.996	0.977	1.003	0.908	1.074
Apr	1.306	0.963	0.925	0.951	0.945	0.858	1.048
May	1.204	0.954	0.933	0.919	0.871	0.836	0.966
Jun	1.138	0.954	0.920	0.924	0.881	0.835	0.947
Jul	1.189	0.955	0.929	0.910	0.897	0.821	0.972
Aug	1.178	0.953	0.938	0.919	0.885	0.822	0.944
Sep	1.186	0.952	0.937	0.940	0.893	0.805	0.972
Oct	1.267	0.976	0.948	0.923	0.913	0.833	0.969
Nov	1.444	1.004	0.962	0.971	0.970	0.874	1.115
Dec	1.392	1.023	0.984	0.973	0.967	0.896	1.147

2021 Rural Seasonal Adjustment Factors (All Vehicles)

Group		RURAL MAJOR COLLECTOR, MINOR COLLECTOR, LOCAL (R05, 06, 07)					
From Year:		2021		To Year:		2021	
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jan	1.834	1.164	1.085	1.079	1.063	1.006	1.329
Feb	1.688	1.330	1.356	1.109	1.184	1.043	1.313
Mar	1.404	1.008	0.966	0.959	1.007	0.916	1.108
Apr	1.268	0.935	0.877	0.927	0.952	0.867	1.075
May	1.207	0.960	0.919	0.894	0.867	0.836	0.989
Jun	1.161	0.969	0.912	0.931	0.887	0.862	0.985
Jul	1.205	0.932	0.914	0.882	0.900	0.849	0.996
Aug	1.161	0.935	0.912	0.886	0.887	0.838	0.976
Sep	1.238	0.926	0.901	0.924	0.880	0.824	0.996
Oct	1.281	0.958	0.923	0.904	0.899	0.847	1.033
Nov	1.467	0.971	0.935	0.911	0.938	0.881	1.129
Dec	1.430	0.999	0.960	0.967	0.949	0.898	1.159

Seasonal Adjustment Factors
22 July 2022 | ODOT

The values in these tables are used to adjust short term traffic counts (24 or 48 hours in duration) to an Average Daily Traffic (ADT) volume.

The report contains the factors by functional class. A factor is calculated for each permanent count station for every day of the week, and sites in the same functional classification are then combined to develop an average factor for the day of the week for the given month.

These factors are intended to be used to adjust daily traffic counts. Hourly data was not analyzed to derive these factors. Therefore, they should not be applied to individual hours of the day. In addition, when using these factors, judgment should be used when atypical traffic patterns are encountered, such as volumes near major recreational areas (e.g. King's Island, Cedar Point, shopping centers, football and baseball stadiums, etc.)

2021 Urban Seasonal Adjustment Factors (All Vehicles)

Group		URBAN INTERSTATE (U01)						
From Year:		2021		To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Jan	1.808	1.169	1.113	1.097	1.075	1.031	1.358	
Feb	1.615	1.288	1.284	1.100	1.108	1.004	1.296	
Mar	1.371	1.038	0.995	0.972	0.985	0.906	1.118	
Apr	1.289	0.978	0.951	0.955	0.936	0.871	1.112	
May	1.224	0.974	0.942	0.921	0.883	0.847	1.048	
Jun	1.155	0.939	0.907	0.903	0.870	0.835	1.029	
Jul	1.175	0.931	0.908	0.884	0.862	0.817	1.020	
Aug	1.175	0.938	0.917	0.896	0.872	0.827	1.022	
Sep	1.229	0.954	0.935	0.926	0.881	0.828	1.057	
Oct	1.237	0.961	0.924	0.905	0.887	0.841	1.054	
Nov	1.351	0.970	0.929	0.926	0.916	0.857	1.104	
Dec	1.332	0.987	0.947	0.937	0.923	0.877	1.128	

Group		URBAN FREEWAY EXPRESSWAY (U02)						
From Year:		2021		To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Jan	1.884	1.132	1.077	1.059	1.044	1.005	1.376	
Feb	1.678	1.223	1.228	1.061	1.068	0.984	1.304	
Mar	1.456	1.003	0.960	0.944	0.962	0.902	1.140	
Apr	1.397	0.959	0.918	0.928	0.927	0.876	1.142	
May	1.312	0.951	0.911	0.899	0.871	0.855	1.082	
Jun	1.252	0.935	0.898	0.897	0.877	0.846	1.071	
Jul	1.291	0.927	0.900	0.881	0.873	0.838	1.086	
Aug	1.286	0.928	0.897	0.887	0.871	0.833	1.061	
Sep	1.314	0.929	0.905	0.902	0.865	0.824	1.086	
Oct	1.352	0.937	0.897	0.881	0.871	0.843	1.097	
Nov	1.480	0.948	0.909	0.898	0.900	0.853	1.147	
Dec	1.435	0.956	0.926	0.918	0.901	0.866	1.162	

Group		URBAN OTHER PRINCIPAL ARTERIAL (U03)						
From Year:		2021		To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Jan	1.740	1.135	1.084	1.072	1.056	0.997	1.272	
Feb	1.564	1.239	1.246	1.067	1.091	0.983	1.228	
Mar	1.375	1.005	0.968	0.943	0.976	0.899	1.078	
Apr	1.332	0.959	0.919	0.936	0.933	0.862	1.061	
May	1.247	0.952	0.920	0.909	0.877	0.852	1.020	
Jun	1.227	0.948	0.912	0.915	0.888	0.854	1.027	
Jul	1.285	0.952	0.921	0.905	0.893	0.842	1.046	
Aug	1.257	0.953	0.931	0.920	0.893	0.846	1.026	
Sep	1.295	0.960	0.945	0.935	0.900	0.841	1.061	
Oct	1.331	0.973	0.936	0.920	0.906	0.852	1.068	
Nov	1.393	0.957	0.934	0.917	0.921	0.855	1.093	
Dec	1.364	0.973	0.941	0.926	0.918	0.863	1.109	

Group		URBAN MINOR ARTERIAL, COLLECTORS, LOCAL (U04,05,06,07)						
From Year:		2021		To Year:		2021		
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Jan	1.831	1.129	1.026	1.012	1.007	0.959	1.329	
Feb	1.608	1.248	1.307	1.044	1.077	0.982	1.289	
Mar	1.384	0.960	0.923	0.908	0.936	0.880	1.110	
Apr	1.317	0.913	0.881	0.903	0.900	0.850	1.117	
May	1.260	0.922	0.891	0.879	0.849	0.838	1.038	
Jun	1.254	0.937	0.892	0.910	0.881	0.872	1.079	
Jul	1.308	0.929	0.910	0.896	0.907	0.869	1.122	
Aug	1.279	0.918	0.909	0.900	0.880	0.857	1.088	
Sep	1.324	0.948	0.918	0.924	0.870	0.829	1.083	
Oct	1.377	0.954	0.913	0.904	0.901	0.873	1.122	
Nov	1.478	0.968	0.941	0.928	0.953	0.894	1.197	
Dec	1.426	0.972	0.954	0.958	0.932	0.893	1.212	

1042.11 SCHEDULE OF RATES.

(a) Schedule of water rate for the first 2,500 gallons of water:

<i>Meter size in inches</i>	<i>Effective 1/1/17</i>
5/8	\$14.80
3/4	\$19.95
1	\$26.40
1 1/2	\$43.45
2	\$66.85
3	\$113.75
4	\$173.15
6	\$278.00
8	\$428.40
10	\$650.00
Thereafter, in addition to the above charge, the charges for additional water (per 1,000 gallons of water) shall be as follows:	
Next 22,500 gallons	\$4.20
Next 225,000 gallons	\$3.60
Thereafter	\$3.15

The charge levied by or pursuant to this chapter shall be billed monthly.

(Ord. 97-05. Passed 4-21-97; Ord. 02-14. Passed 7-1-02; Ord. 04-34. Passed 12-20-04; Ord. 05-17. Passed 8-1-05; Ord. 07-24. Passed 12-3-07; Ord. 15-12. Passed 6-15-15; Ord. 16-36. Passed 12-5-16.)

1044.06 WASTEWATER SERVICE CHARGES.

(a) Basis for Wastewater Service Charges The wastewater service charge for use of the public sewers and for services supplied by or through the City shall consist of a charge for collection and a charge for treatment. These charges shall be established to defray the cost of administration, operation, maintenance and major replacement and debt service.

(b) Collection System Charge The collection system charge shall consist of a minimum charge, plus a use charge based on flow. Notwithstanding anything in section 1044.06 to the contrary, in the event that City provided water services has been turned off at the request of the property owner, there shall be no monthly minimum collection system charge.

(c) Treatment System Charge The treatment system charge for normal domestic sewage and for discharges that are less than 240 mg/l BOD, less than 240 mg/l suspended solids and less than 36 mg/l ammonia nitrogen and that contain no incompatible pollutants shall consist of a flow charge.

The treatment system charge for wastewater that is greater than 240 mg/l BOD, 240 mg/l suspended solids or 36 mg/l ammonia nitrogen shall consist of a flow charge and a surcharge, as applicable.

(d) Rates. For purposes provided for in subsection (a) hereof, there is hereby levied and assessed upon each lot, parcel of land, building or premises having any sewer connection with the sanitary sewerage system, or otherwise discharging sewage, industrial wastes, water or other liquids, either directly or indirectly, into the Municipal sanitary sewerage system, a sewerage service charge or rental, payable as hereinafter provided and in an amount determined as follows:

(1) For any lot, parcel of land, building or premises situated in the City, and having any connection with the Municipal sanitary sewerage system or otherwise discharging sanitary sewage, industrial waste, water or other liquids, either directly or indirectly, into the Municipal sanitary sewerage system, a charge or rental shall be based upon the quantity of water used as measured by the Municipal water meter used. The charge shall be made monthly or otherwise, at the discretion of Council.

A. Schedule of charges for collection of waste water:

Meter Size (inches)	Minimum Charge 2,500 Gallons per Month
5/8	\$2.21
3/4	\$2.21
1	\$4.76
1 ½	\$4.76
2	\$8.42
3	\$12.09
4	\$15.74
6	\$19.39
8	\$23.07
10	\$26.73

Meter Size (inches)	Minimum Charge 2,500 Gallons per Month
Thereafter, in addition to the above charge, the following rate (per 1,000 gallons of water) shall be assessed:	
Next 30,833 gallons	\$1.01
Next 133,333 gallons	\$0.74
Next 833,333 gallons	\$0.30
Over 1,000,000	\$0.20
The charge levied by or pursuant to this chapter shall be billed monthly	

B. Schedule of charges for waste water treatment

Meter Size (inches)	Minimum Charge 2,500 Gallons per Month
5/8	\$4.40
3/4	\$4.40
1	\$8.30
1½	\$8.30
2	\$8.30
3	\$8.30
4	\$8.30

6	\$8.30
8	\$8.30
10	\$9.30
Thereafter, in addition to the above charge, the following rate (per 1,000 gallons of water) shall be assessed: \$2.85	
The charge levied by or pursuant to this chapter shall be billed monthly	

(2) For any lot, parcel of land, building or premises situated outside the City and having a connection with the Municipal sewerage system or otherwise discharging sanitary sewage, industrial wastes, water or other liquids, either directly or indirectly, into the Municipal sanitary sewerage system, unless such usage of the Municipal sewerage system is covered by a separate specific agreement specifying rates, terms and conditions of usage measured on a bulk or large quantity basis, the charge shall be based upon the quantity of water used as measured by the water meter. Such meter shall be approved by Council and the charge shall be made monthly or otherwise, at the discretion of Council. The rates to be charged shall be as authorized in paragraphs (d)(1) and (d)(3) and subsection (e) hereof, plus fifty percent for billing, operation, maintenance, major replacement and debt service.

(3) If a lot, parcel of land, building or premises discharges sanitary sewage, industrial waste, water or other liquids into the Municipal sanitary system, either directly or indirectly, and is not a user of water supplied under the Municipal Utilities Department, and the water used is not measured by a Municipal water meter or by a meter acceptable to Council, and the owner or interested party does not want, at his or her expense, to install and maintain a meter acceptable to Council for such purpose, then, in each case, the amount of water so used shall be determined by the following rates:

Rates for Properties with Non-Metered Sewer Services

<u>Current</u>	<u>Monthly</u>	<u>Current</u>		
<u>No. in Family</u>	<u>Gallons</u> <u>per Month</u>	<u>Sewer</u>	<u>Waste Water</u>	<u>Total</u>
1 or 2	2,500	\$1.66	\$3.65	\$5.31
3	3,333	3.30	4.46	7.76
4	5,000	4.96	7.97	12.93
5	6,666	6.61	11.51	18.12
6	8,333	8.26	15.00	23.26
7	10,000	9.90	18.52	28.42
8 and over	13,333	13.20	25.53	38.73
4-family apt.	6,666	6.61	11.51	18.12
6-family apt.	10,000	9.90	18.52	28.42

<u>1/1/2011</u>	<u>Monthly</u>	<u>10% Increase</u>		
<u>No. in Family</u>	<u>Gallons</u> <u>per Month</u>	<u>Sewer</u>	<u>Waste Water</u>	<u>Total</u>
1 or 2	2,500	\$1.83	\$4.02	\$5.85
3	3,333	3.63	4.91	8.54
4	5,000	5.46	8.77	14.23
5	6,666	7.27	12.66	19.93
6	8,333	9.09	16.50	25.59
7	10,000	10.89	20.37	31.26
8 and over	13,333	14.52	28.08	42.60
4-family apt.	6,666	7.27	12.66	19.93
6-family apt.	10,000	10.89	20.37	31.26

<u>1/1/2012</u>	<u>Monthly</u>	<u>10% Increase</u>		
<u>No. in Family</u>	<u>Gallons</u> <u>per Month</u>	<u>Sewer</u>	<u>Waste Water</u>	<u>Total</u>
1 or 2	2,500	\$2.01	\$4.42	\$6.43

3	3,333	3.99	5.40	9.39
4	5,000	6.00	9.65	15.65
5	6,666	8.00	13.93	21.93
6	8,333	10.00	18.15	28.15
7	10,000	11.98	22.41	34.39
8 and over	13,333	15.97	30.89	46.86
4-family apt.	6,666	8.00	13.93	21.93
6-family apt.	10,000	11.98	22.41	34.39

1/1/2013	Monthly	10% Increase		
No. in Family	Gallons per Month	Sewer	Waste Water	Total
1 or 2	2,500	\$2.21	\$4.86	\$7.07
3	3,333	4.39	5.94	10.33
4	5,000	6.60	10.62	17.22
5	6,666	8.80	15.32	24.12
6	8,333	11.00	19.97	30.97
7	10,000	13.18	24.65	37.83
8 and over	13,333	17.57	33.98	51.55
4-family apt.	6,666	8.80	15.32	24.12
6-family apt.	10,000	13.18	24.65	37.83

The charge levied by or pursuant to this chapter shall be billed monthly.

(4) If a lot, parcel of land, building or premises discharges industrial wastes, either directly or indirectly, into the Municipal sanitary sewerage system, and Council finds that it is not practical to attempt to measure such wastes by a meter, Council shall measure such wastes in such manner and by such method as it may find practical in light of conditions and attendant circumstances of the case in order to determine the sewer service charge or rental in accordance with the corresponding rates provided in this chapter.

(5) All sewer rental charges levied or incurred prior to the effective date of this chapter (Ordinance 86-8, passed May 19, 1986) and remaining unpaid, shall remain payable and be collected at the same rates as were previously provided.

(e) Application of Surcharge. A surcharge shall be levied for wastes stronger than normal domestic sewage. The surcharge shall consist of a component for operation, maintenance and replacement and a component for debt plus reserves. The surcharge shall be based on water usage as recorded by water meters and/or sewage meters for all wastes which exceed 240 mg/l BOD, 240 mg/l suspended solids or 36 mg/l ammonia nitrogen. Other waste characteristics shall be surcharged if they increase the cost of wastewater treatment in excess of that for treatment of normal domestic sewage. The surcharges are as follows:

BOD in excess of 240 mg/l:

OM&R	\$ 0.0314
Debt	\$ 0.0696
Total	\$ 0.101 / excess pound

Suspended solids in excess of 240 mg/l:

OM&R	\$ 0.0292
Debt	\$ 0.0428
Total	\$ 0.072 / excess pound

Ammonia nitrogen in excess of 36 mg/l:

OM&R	\$ 0.1908
Debt	\$ 0.1022

(f) Computation of Surcharge. The concentration of wastes used for computing surcharges shall be established by waste sampling. Waste sampling shall be performed as often as may be deemed necessary by the City or its representatives and shall be binding as a basis for surcharges.

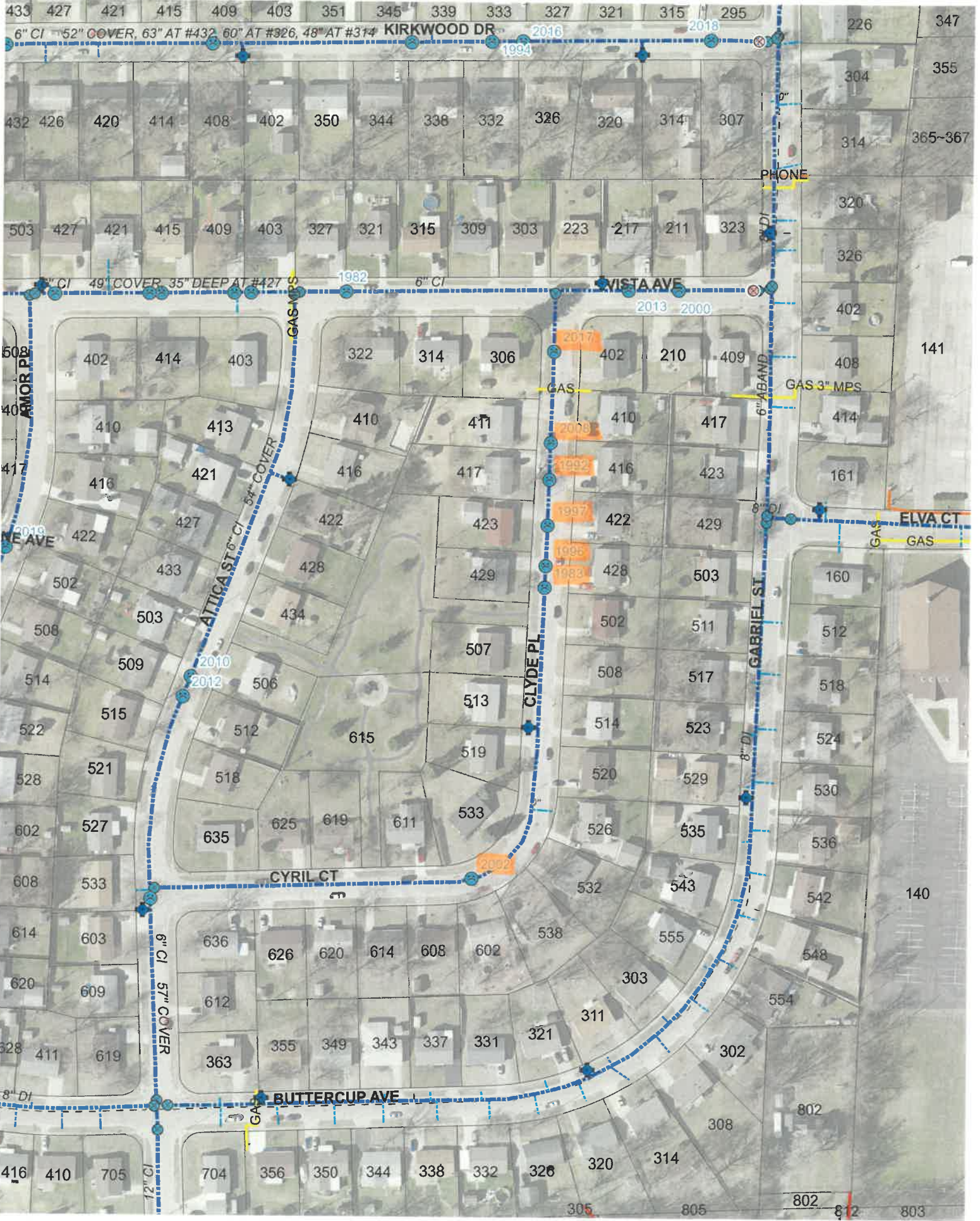
(g) Credits.

(1) Credit for Certain Leaks. The Director of Finance may, when requested in writing by the owner or consumer, reduce both the monthly wastewater service charge and the wastewater treatment charge by an amount equal to fifty percent of the amount of the wastewater service charge that is in excess of the average for the lesser of the prior 12 months or from the date service started, provided the water was not discharged into the sewer system. Such credit may be provided only when the Director verifies that a water service or inside plumbing line, not including fixture or fixture parts, has broken, leaked and caused excessively high water usage to record on the owner's or consumer's water meter.

(2) Credit for Swimming Pool Filling. The Director of Finance may, when requested in writing by the owner or consumer, reduce both the monthly wastewater service charge and the wastewater treatment charge by an amount equal to one hundred percent (100%) of the amount of the wastewater service charge that is in excess of the average for the lesser of the prior 12 months or from the date service started, provided the water was not discharged into the sewer system. Such credit may be provided only when the Director verifies that the water was used for the filling of a swimming pool of 1,000 gallon. Such credit shall be given only one time and for one pool per calendar year.

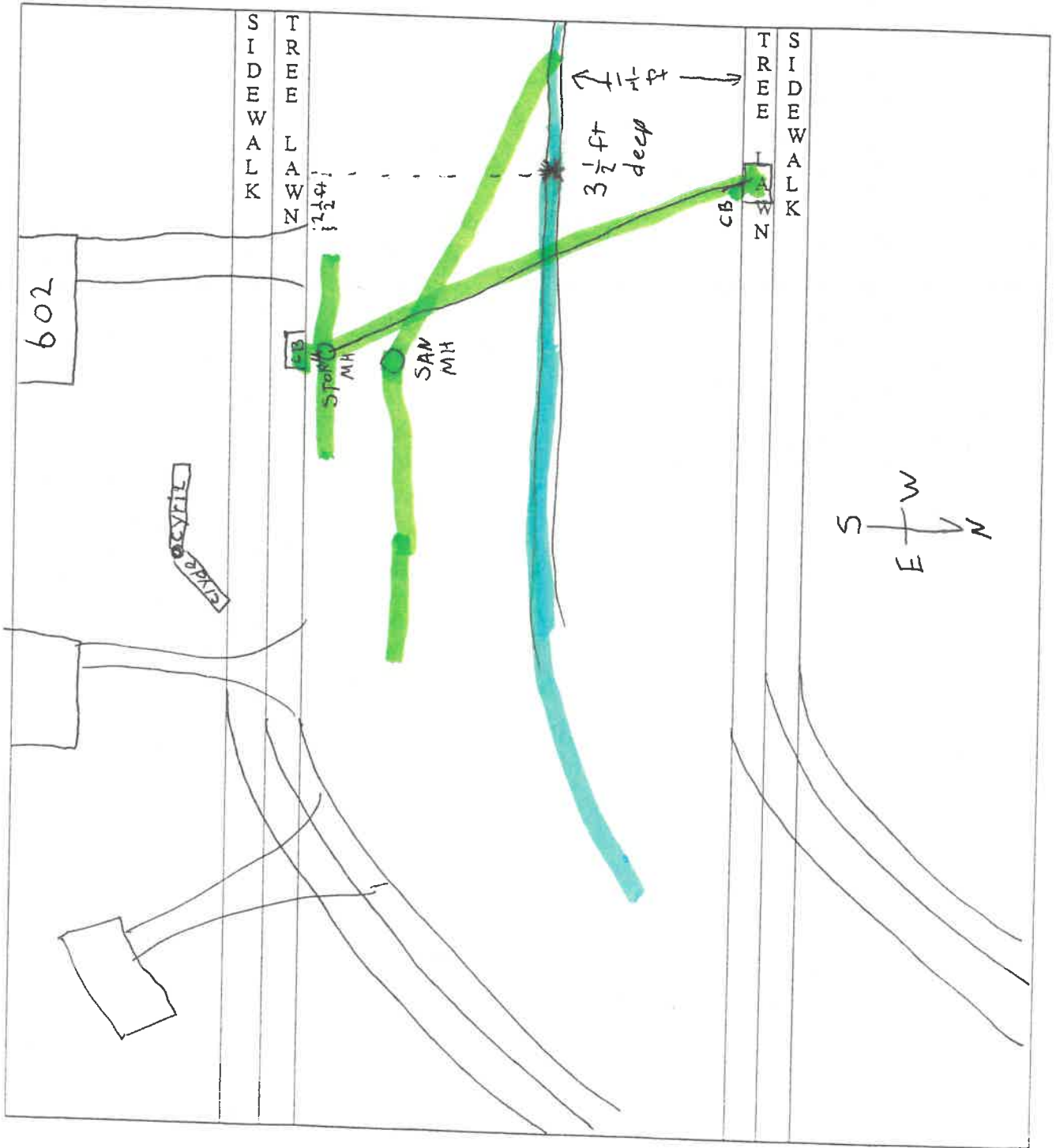
(h) Commercial Evaporation Credit. The total monthly wastewater service charge for commercial customers situated within the City with water usage in excess of 2,000,000 gallons of water per month based upon the quantity of water used as measured by the water meter, shall be subject to a credit of 10% upon the user presenting to the City evidence that at least 10% of the water usage is evaporated and not disposed of through the municipal sanitary sewerage system unless such usage of the Municipal sewerage system is covered by a separate specific agreement specifying rates, terms and conditions of usage measured on a bulk or large quantity basis.

(Ord. 86-08. Passed 5-19-86; Ord. 90-29. Passed 12-17-90; Ord. 92-13. Passed 7-6-92; Ord. 94-11. Passed 9-19-94; Ord. 07-23. Passed 12-3-07; Ord. 09-17. Passed 9-8-09; Ord. 10-15. Passed 12-7-10; Ord. 16-36. Passed 12-5-16; Ord. 17-31. Passed 12-18-17.)



MAIN BREAK

DATE 2-8-02	STREET ADDRESS 602 CYRIL	SIZE OF MAIN 6"
DEPTH TO TOP OF MAIN 3 1/2 ft	LOCATION OF MAIN Street	NO. OF VALVES TO KILL 2 backward valves



Scaetre
BLASH
J. Blosser
EDwards

MAIN BREAK

DATE	STREET ADDRESS	SIZE OF MAIN
2-26-08	411 Clyde Pl	6"
DEPTH TO TOP OF MAIN	LOCATION OF MAIN	NO. OF VALVES TO KILL
7 ft deep	Street	2 1 at Vista Reg 1 at Atrial backwoods



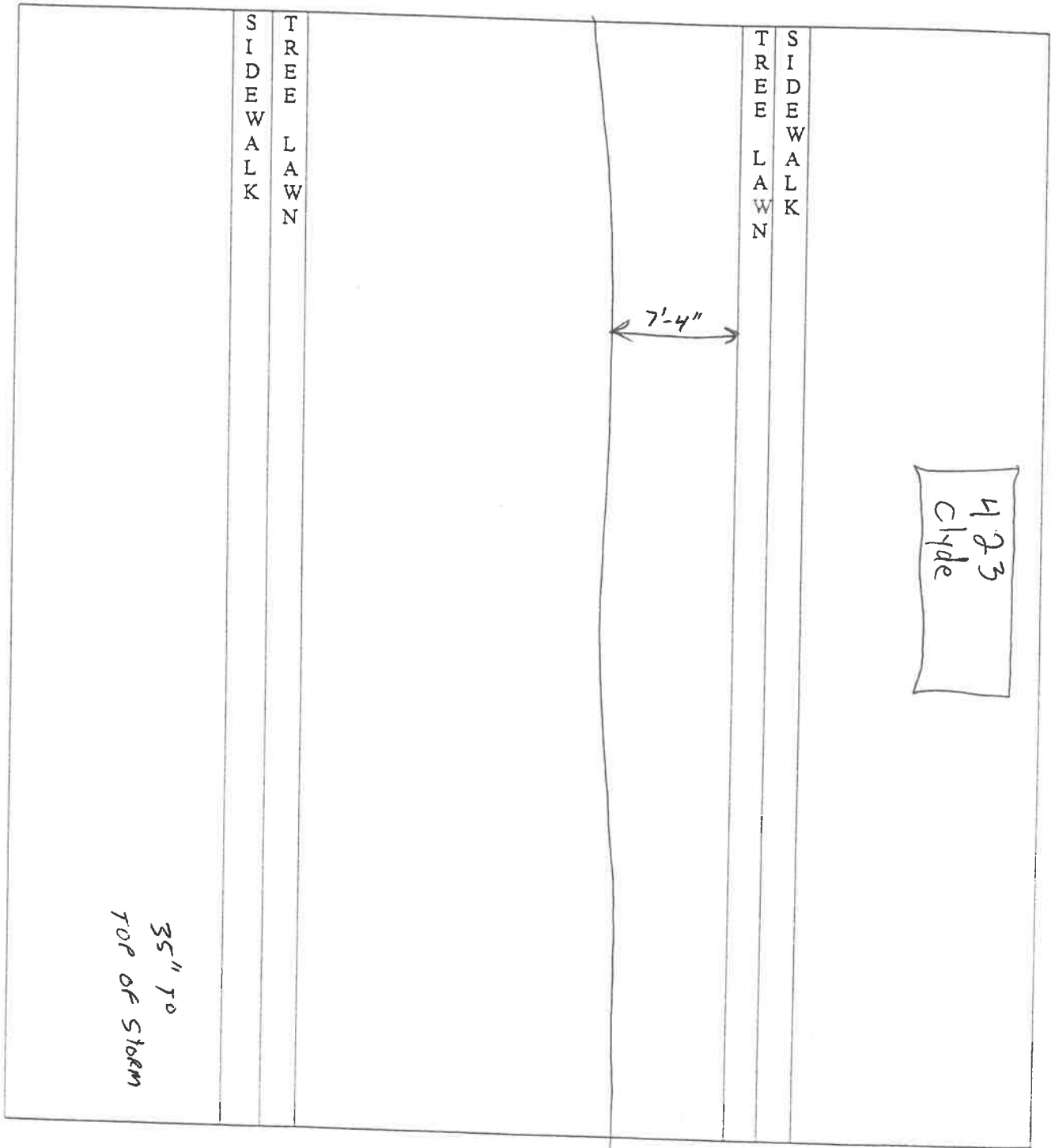
M. Scarrle D. Hopping D. Edwards
 J. Watson D. Whitacar



Note: Valves to Fire Hydrants not shown

MAIN BREAK

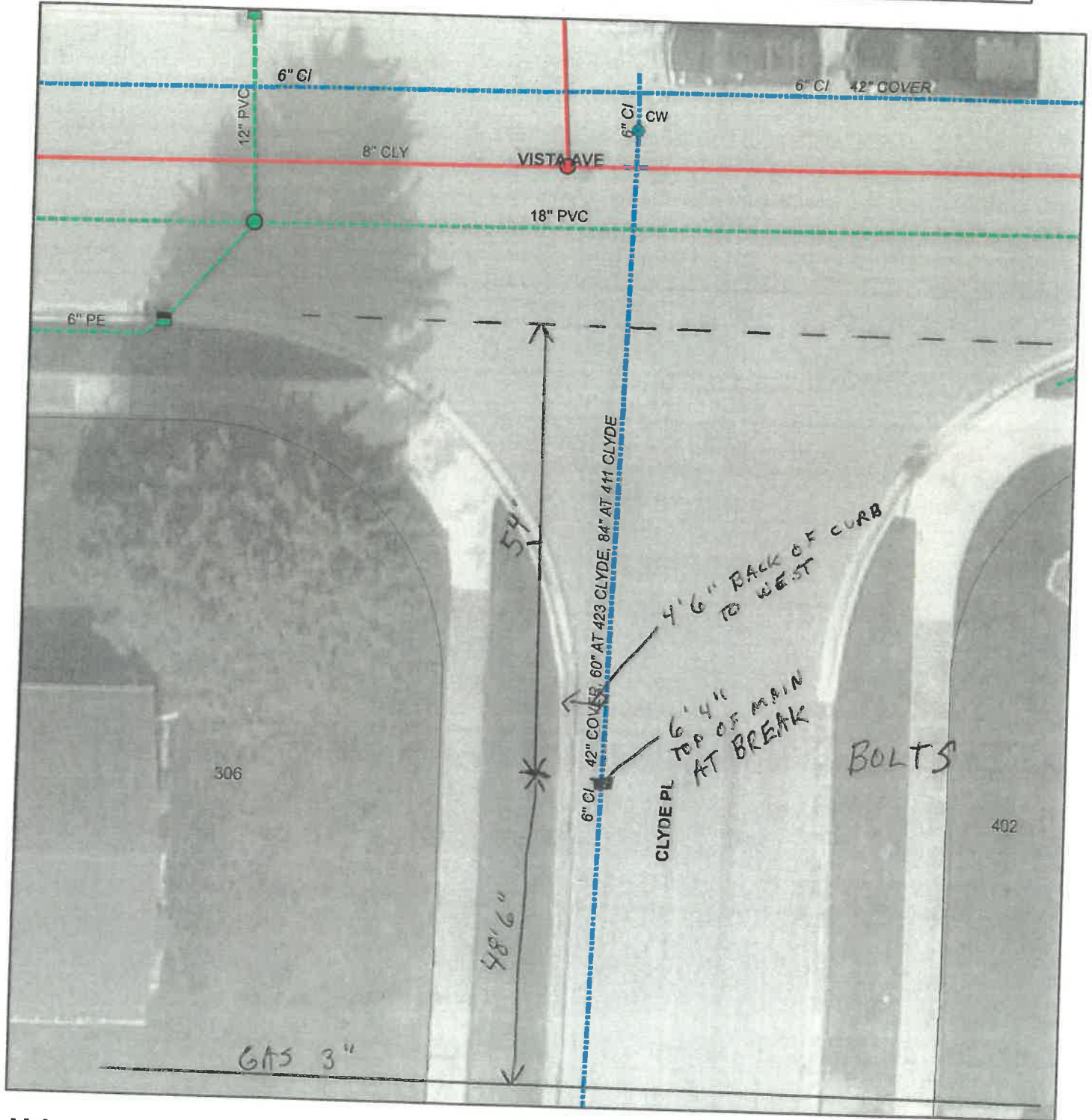
DATE 1997	STREET ADDRESS 423 Clyde	SIZE OF MAIN 6"
DEPTH TO TOP OF MAIN 5'	LOCATION OF MAIN IN Street 7'-4" FROM BACK of CURB	NO. OF VALVES TO KILL



501, 512, 516, 519

MAIN BREAK

DATE	STREET ADDRESS	SIZE OF MAIN
1/16/17	402 CLYDE PL.	6"
DEPTH TO TOP OF MAIN	LOCATION OF MAIN	NO. OF VALVES TO KILL
6' 4" TOP OF MAIN	4' 6" BACK OF CURB TO WEST	2



Valves:

Note: Valves to Fire Hydrants not shown

⊗ Inserted WV's-turn SLOW ● Water Valves ⊗ WV's-closed