

LOCATION

2022
WATERLINE
IMPROVEMENTS

CITY OF FREMONT
ENGINEER'S DEPARTMENT
TUCKER FREDERICKSEN P.E.
CITY ENGINEER

AUGUST 2022



State of Ohio
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 Fremont Subdivision Code: 143-28826
 District Number: 5 County: Sandusky Date: 09/09/2021
 Contact: Tucker Fredericksen Phone: (419) 334-8963
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)
 Email: tfredericksen@fremontohio.org FAX: (419) 552-5029

Project Name: 2022 Waterline Improvements Zip Code: 43420

Project

Subdivision Type <small>(Select one)</small>	Project Type <small>(Select single largest component by \$)</small>	Funding Request Summary <small>(Automatically populates from page 2)</small>
<input type="checkbox"/> 1. County	<input type="checkbox"/> 1. Road	Total Project Cost: <u>618,530</u> .00
<input checked="" type="checkbox"/> 2. City	<input type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>175,000</u> .00
<input type="checkbox"/> 3. Township	<input checked="" type="checkbox"/> 3. Water Supply	2. Loan: <u>0</u> .00
<input type="checkbox"/> 4. Village	<input type="checkbox"/> 4. Wastewater	3. Loan Assistance/ Credit Enhancement: <u>0</u> .00
<input type="checkbox"/> 5. Water (6119 Water District)	<input type="checkbox"/> 5. Solid Waste	Funding Requested: <u>175,000</u> .00
	<input type="checkbox"/> 6. Stormwater	

District Recommendation (To be completed by the District Committee)

Funding Type Requested <small>(Select one)</small>	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<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 Design:	_____	0	.00	
Final Design:	_____	0	.00	
Construction Administration:	_____	0	.00	
Total Engineering Services:	a.) _____	0	.00	_____ 0 %
Right of Way:	b.) _____	0	.00	
Construction:	c.) _____	618,530	.00	
Materials Purchased Directly:	d.) _____	0	.00	
Permits, Advertising, Legal:	e.) _____	0	.00	
Construction Contingencies:	f.) _____	0	.00	_____ 0 %
Total Estimated Costs:	g.) _____	618,530	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) _____	0	.00	
Local Revenues:	b.) _____	443,530	.00	
Other Public Revenues:	c.) _____	0	.00	
ODOT / FHWA PID: 0 _____	d.) _____	0	.00	
USDA Rural Development:	e.) _____	0	.00	
OEPA / OWDA:	f.) _____	0	.00	
CDBG:	g.) _____	0	.00	
<input type="checkbox"/> County Entitlement or Community Dev. "Formula"				
<input type="checkbox"/> Department of Development				
Other: 0 _____	h.) _____	0	.00	
Subtotal Local Resources:	i.) _____	443,530	.00	_____ 72 %

OPWC Funds (Check all requested and enter Amount)

Grant: _____ 100 % of OPWC Funds	j.) _____	175,000	.00	
Loan: _____ 0 % of OPWC Funds	k.) _____	0	.00	
Loan Assistance / Credit Enhancement:	l.) _____	0	.00	
Subtotal OPWC Funds:	m.) _____	175,000	.00	_____ 28 %
Total Financial Resources:	n.) _____	618,530	.00	_____ 100 %

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 Repair / Replacement:	<u>618,530</u> .00	<u>100</u> %	A Funded Preservation letter is required for any impact to the fund
2.2 Total Portion of Project New / Expansion:	<u>0</u> .00	<u>0</u> %	
2.3 Total Project:	<u>618,530</u> .00	<u>100</u> %	

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>08/02/2021</u>	End Date: <u>08/27/2021</u>
3.2 Bid Advertisement and Award	Begin Date: <u>06/01/2022</u>	End Date: <u>08/05/2022</u>
3.3 Construction	Begin Date: <u>08/19/2022</u>	End Date: <u>09/23/2022</u>

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: 50 Years Age: 1950 (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 _____ Year _____ Projected ADT _____ Year _____

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

Residential Water Rate Current \$ 5.25 Proposed \$ 5.25

Number of households served: 90

Residential Wastewater Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Stormwater: Number of households served: _____

4.3 Project Description

- A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 500 character limit.

Park Ave from Hayes Ave south to South St.
South St from Whittlesey St to Tiffin St
S. High St. from Bike Trail to Tiffin St.

- B: PROJECT COMPONENTS (Describe the specific work to be completed; the engineer's estimate does not replace this requirement) 1,000 character limit.

Project Consists of:

Installation of replacement C900 Waterline
Installation of new resilient wedge gate valves
Installation of new fire hydrants
Connecting existing services to new main (replace city side of service with copper)
Abandoning of existing 4" cast iron water mains

- C: PHYSICAL DIMENSIONS (Describe the physical dimensions of the existing facility and the proposed facility. Include length, width, quantity and sizes, mgd capacity, etc in detail.) 500 character limit.

Existing water mains in project area are 4" cast iron mains delivering inadequate hydrant flow and having occasional main breaks.

Proposed main will consist of approximately 3300' of new 8" C900 Water main, Installation of 9 gate valves, and two new fire hydrants. Also reconnection of all services with 3/4" (or larger) Type K Copper.

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: Daniel Sanchez
Title: Mayor
Address: 323 S Front St

City: Fremont State: OH Zip: 43420
Phone: (419) 334-8963
FAX: (419) 334-8434
E-Mail: dsanchez@fremontohio.org

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

Name: Paul Grahl
Title: Auditor
Address: 323 S. Front St

City: Fremont State: OH Zip: 43420
Phone: (419) 334-3867
FAX: (419) 552-5067
E-Mail: pgrahl@fremontohio.org

5.3 Project Manager

Name: Tucker Fredericksen
Title: City Engineer
Address: 323 S. Front St

City: Fremont State: OH Zip: 43420
Phone: (419) 334-8963
FAX: (419) 552-5029
E-Mail: tfredericksen@fremontohio.org

6.0 Attachments / Completeness review

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

- 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.
- 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.
- 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.
- 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

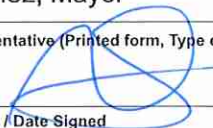
The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (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.

Daniel Sanchez, Mayor

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

Original Signature / Date Signed

 9/9/2021

RESOLUTION NO. 2106

A RESOLUTION AUTHORIZING THE MAYOR TO PREPARE, SIGN, AND ENTER INTO CONTRACTS FOR SUBMISSION TO THE OHIO PUBLIC WORKS COMMISSION FOR THE STATE CAPITAL IMPROVEMENT PROGRAM (SCIP) AND THE LOCAL TRANSPORTATION IMPROVEMENT PROGRAM (LTIP) FOR 2021 FUNDING AND DECLARING AN EMERGENCY.

WHEREAS, the State of Ohio has State Capital Improvement Program ("SCIP") and Local Transportation Improvement Program ("LTIP") funds available through the Ohio Public Works Commission for allocation to eligible counties, townships, and municipalities; and

WHEREAS, Council finds that public infrastructure and capital improvements are essential in the preservation of Fremont. By taking steps to promote public health, safety, and welfare the economic vitality of Fremont is fostered; and


WHEREAS, the Ohio Public Works Commission is accepting applications for these counties, townships, and municipalities to access funds;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF FREMONT, STATE OF OHIO:

SECTION 1. The Mayor is authorized to prepare, sign, and enter into contracts for submission to the Ohio Public Works Commission for SCIP and LTIP funding.

SECTION 2. The immediate operation of the provisions of this resolution is necessary for the immediate preservation of the public peace, health, safety and welfare of the citizens of the City of Fremont. Said emergency being the need to meet the application deadline of September 11, 2020.

This resolution, provided it receives a two-thirds yea or nay vote of all the members elected to the Fremont City Council, is hereby declared to be an emergency measure and this resolution shall be in full force and effect from and after its passage by the Council of the City of Fremont, approval by the Mayor, and publication and posting as required by law.

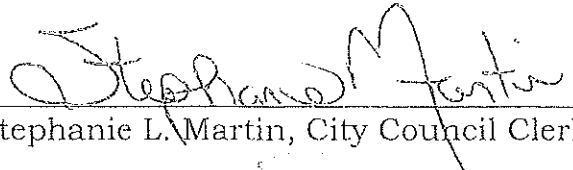


Jamie Hafford
President of Council

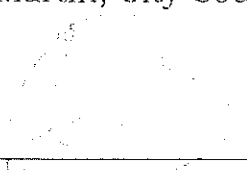
PASSED: 8-20-20

Effective date: 8-20-20

YEAS: 7 NAYS: 0



Stephanie L. Martin, City Council Clerk


Daniel R. Sanchez, Mayor

RES606

Approved as to form:



James F. Melle, Director of Law
City of Fremont, Ohio

**2022 WATERLINE IMPROVEMENTS
CERTIFICATE OF OWNER'S FINANCIAL OFFICER**

September 9, 2021

ATTEST:

I, City Auditor of the City of Fremont, hereby certify that the City of Fremont has the amount of \$618,530.00 in the Water Operating Fund and that this amount will be used to pay the local share for the Cherry Street Improvements when it is required.



Paul Grahl
City Auditor

2022 WATERLINE IMPROVEMENTS
ENGINEER'S ESTIMATE

To do and perform all work and other service, to furnish all necessary equipment, and to do all things required for the conformance of said Contract.

Total ----- \$618,530.00

See attached for breakdown by item.

9/10/21
Date

Tucker Frederickson

Tucker Frederickson, P.E.
City Engineer
P.E. License #E-67639



OPWC Application	EST QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL ITEM PRICE
1	1	Lump Sum	#624 Mobilization	\$ 4,000.00	\$4,000.00
2	1	Lump Sum	#623 Construction Layout Stakes	\$ 2,500.00	\$2,500.00
3	3300	Lin Ft	# 638 Eight (8) Inch PVC Plastic Pipe AWWA C-900 Class 150 DR-18 including Fittings, Blocking, and Tracer Wire. Includes cost of all trench repair per specification.	\$ 110.00	\$363,000.00
4	9	Each	# 638 Waterline Work Eight (8) inch Line Valve and Box in Place	\$ 2,200.00	\$19,800.00
5	2	Each	#638 Waterline Work Fire Hydrant Assembly including Pipe, Valve, Valve Box and Fittings	\$ 5,000.00	\$10,000.00
6	90	Each	#638 Waterline Work 3/4 inch Water Service Tap, Complete	\$ 300.00	\$27,000.00
7	3200	Lin Ft	#638 Workline Work 3/4 inch Type K Copper Tubing for Water Services	\$ 25.00	\$80,000.00
8	90	Each	#638 Waterline Work 3/4 inch Shut off Valve and Valve Box for Water Service	\$ 350.00	\$31,500.00
9	3	Each	#638 Waterline Work Connection into Existing system in place per plan	\$ 2,500.00	\$7,500.00
10	4	Each	#638 Waterline Work- Cut and Cap existing 4" waterline	\$ 2,000.00	\$8,000.00
16	1	Lump S	#659 Seeding and Mulching	\$ 4,000.00	\$4,000.00
17	1	Lump Sum	#614 Maintaining Traffic	\$ 5,000.00	\$5,000.00
SUB-TOTAL					\$562,300.00
CONTINGENCY					\$56,230.00
GRAND TOTAL					\$618,530.00


**2022 WATERLINE IMPROVEMENTS
DESIGN USEFUL LIFE**

This project includes replacement of the City water Park Avenue which are in poor condition and undersized. The poor condition of these water and sewer lines are a result of its age and accumulation of deposits over time that is constricting flow and causing water quality issues of the system over time. Several minor improvements have been made over the years to prolong the life of the existing main (new valves, new services) but the flow provided by the main is not adequate for fire protection (see flow test report). Plans include the following: abandonment of old water lines, placement of new water lines, backfill as necessary, setting water valves and fire hydrants, reconnecting water services (Type K copper), and trench repair. The old pipes are Cast Iron Pipes (water) which have rusted and collected deposits over the years. Plastic Pipe is now being used, eliminating rusting and improving water quality.

Design of waterline replacements will guarantee function of the system for the next fifty (50) years.

9/10/21
Date

Tucker Fredericksen
Tucker Fredericksen, P.E.
City Engineer
P. E. License #E-67639



The seal is circular with a double-line border. The outer ring contains the text "STATE OF OHIO" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the name "MICHAEL T. FREDERICKSEN" and the license number "E-67639".

FARMLAND PRESERVATION REVIEW LETTER

FARMLAND PRESERVATION REVIEW FOR THE OHIO PUBLIC WORKS COMMISSION

2022 Waterline Improvements
9/9/21

This review is to comply with Farmland Preservation Review Advisory of the Ohio Public Works Commission and the Governor's Executive Order 98-IV. This review was accomplished by [insert name of subdivision / agency that conducted the review].

1. The immediate impact the project will have on productive agricultural and grazing land related to land acquisition.

No Impact

2. Indirect impact that will result in the loss of productive agricultural and grazing land from development related to the project.

No Impact

3. Mitigation measures that could be implemented when alternative sites or locations are not feasible.

No impact, no mitigation measures required.

Kevin Held
Asst. Engineer
City of Fremont

2022 WATERLINE IMPROVEMENTS PIPE CONDITION

Over the last decade, the City of Fremont has been pro-active in Water and Sewer Replacement. Cast Iron Pipe was placed and used for waterline construction back in the 1940's through the 1980's. Most waterlines installed during this time period are now showing significant wear and scaling. Through testing of the fire hydrants in this system, results show that pressure and capacity requirements are below acceptable standards. This affects both the structural integrity of the old pipe and the flow of the water in the pipe. Rusty water is a typical complaint of these old water mains. Routine maintenance is attempted by flushing fire hydrant but once the structural integrity of the pipe is disturbed, watermain breaks occur. This often happens during the freeze/thaw cycles in the winter months. Watermain breaks are a major interruption to the Distribution system and create safety hazards. While the existing water mains on Park Ave and South St have only experienced one break recently (2014), it is safe to assume breaks will become more frequent in coming years.

In addition to the structural integrity of the pipe being questionable, the size of the existing main is also inadequate. A hydrant flow testing report from 2019 indicated a calculated flow of only 776 gpm which is a little over half of the flow required for fire protection (1200 gpm).

The existing mains on Park Ave, South St, and S. High St. are undersized and past their useful life. Given that Park Ave is scheduled to be resurfaced in 2022, it would be ideal to have necessary pipeline work completed prior to the commencement of that project.



Paul M. Hildebrand
Chief

CITY OF FREMONT FIRE DEPARTMENT

1145 West State Street
Fremont, Ohio 43420-5655
419-332-4131
Fax 419-331-6434



Dean A. Schneider
Assistant Chief

Hydrant Flow Tests by Hydrant Number

Hydrant Number: 591D

Location: Vine & Park, Fremont, OH 43420
District: QUAD D Township:
Next Test Date:

Color: Red
Year: 2003
Make: Mueller

<i>FLOW TEST SUMMARY</i>		Flow at 0 PSI	Flow at 20 PSI	Static Pressure	Pitot Pressure	Actual Residual Pressure	Calculated Flow
Test Date	Test Purpose						
05/01/2019	Annual / Routine	946	777	65	2	60	776

Hydrant Number: 642D

Location: South & Garden, Fremont, OH 43420
District: QUAD D Township:
Next Test Date:

Color: Red
Year: 2003
Make: Mueller

<i>FLOW TEST SUMMARY</i>		Flow at 0 PSI	Flow at 20 PSI	Static Pressure	Pitot Pressure	Actual Residual Pressure	Calculated Flow
Test Date	Test Purpose						
06/06/2019	Annual / Routine	703	596	75	2	65	595

Hydrant Number: 589D

Location: Vine & High, Fremont, OH 43420
District: QUAD D Township:
Next Test Date:

Color: Orange
Year: 2001
Make: Mueller

<i>FLOW TEST SUMMARY</i>		Flow at 0 PSI	Flow at 20 PSI	Static Pressure	Pitot Pressure	Actual Residual Pressure	Calculated Flow
Test Date	Test Purpose						
10/02/2019	Annual / Routine	2342	1921	65	40	50	1920

corner of S. Park Ave and South St [repair 4" main break
d by leak detection

10/01/14

N

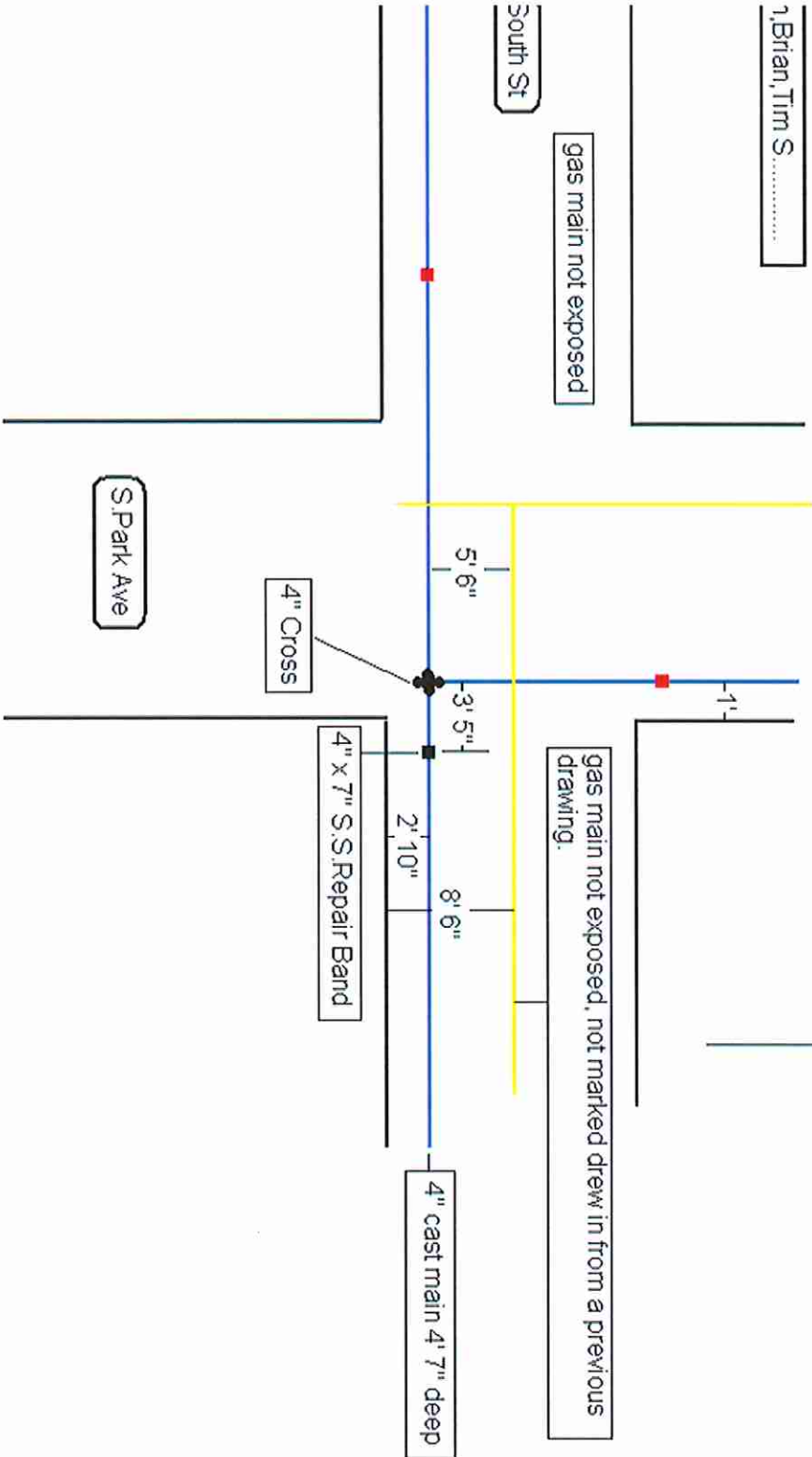
1, Brian, Tim S.....

gas main not exposed

gas main not exposed, not marked drew in from a previous
drawing.

South St

S. Park Ave





**DISTRICT 5
CAPITAL IMPROVEMENT PROJECTS
QUESTIONNAIRE
ROUND 36**

Name of Applicant: City of Fremont
Project Title: 2022 Waterline Improvements

The following questions are to be answered for each application submitted for State Issue II SCIP, LTIP and Loan Projects. Please provide specific information using the best documentation available to you. Justification of your responses to these questions will be required if your project is selected for funding, so please provide correct and accurate responses. Villages and Townships under 5,000 in population should also complete the Small Government Criteria.

1. What percentage of the project in repair A= __%, replacement B= 100%, expansion C= __%, and new D= __%? (Use dollar amounts of project to figure percentages and make sure the total equals one hundred(100) percent) A+B= 100% C+D= __% **ORC Reference(s):164.06(B)(1); 164.14(E)(10)**

Repair/Replacement = Repair or Replacement of public facilities owned by the government (any subdivision of the state).

New/Expansion = Replacement of privately owned wells, septic systems, private water or wastewater systems, etc.

- 2a. Existing Physical Condition of Infrastructure **ORC Reference(s):164.06(B)(2);164.14(E)(9);164.14(E)(2); 164.14(E)(8)**

Points	Category	Description	Examples
10	Failing	Infrastructure has reached a point where it requires replacement, reconstruction or reconfiguration to fulfill its purpose	-Intersection Reconfiguration due to accident problem- Structural paving of 3.5" or greater of additional pavement - Pavement Widening to meet ODOT L&D Standards - Complete Pavement Reconstruction - Water or Sewer Line Replacement - Water or Sewer Plant Replacement - Widening graded shoulder width to ODOT L&D Standard -Complete Bridge or Culvert replacement- Replacement of a major component of a water and/or sewer treatment plant which would result in a failure in meeting WQ Standards
8	Poor	The condition is substandard and requires repair or restoration in order to return to the intended level of service and comply with current design standards. Infrastructure contains deficiency and is functioning at a diminished capacity.	-Multiple course of paving - Structural Culvert Lining - Bridge Deck Replacement - Replacement of a component such as a control mechanism, pumps, hydrants, valves, filters,

ROADS

Extremely Critical:	Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Major Access Road.*
Critical:	Resurfacing, Restoration and Rehabilitation (3R) of a Major Access Road.*
Major:	Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Minor Access Road.*
Moderate:	Resurfacing, Restoration and Rehabilitation (3R) of a Minor Access Road.*
Minimal:	Preventative Maintenance of a Major Access Road.
No Impact:	Preventative Maintenance of a Minor Access Road.

Projects that have a variety of work will be scored in the **LOWEST** category of work contained in the Construction Estimate.

Road/Street Classifications:

<i>Major Access Road:</i>	<i>Roads or streets that have a dual function of providing access to adjacent properties and providing through or connecting service between other roads.</i>
<i>Minor Access Road:</i>	<i>Roads or streets that primarily provide access to adjacent properties without through continuity, such as cul-de-sacs or loop roads or streets.</i>
<i>Preventative Maintenance:</i>	<i>Non Structural Pavement work such as chip sealing, cape sealing, micro-surfacing, crack sealing, etc.</i>

* (3R) Resurfacing, Restoration and Rehabilitation - Improvements to existing roadways, which have as their main purpose, the restoration of the physical features (pavement, curb, guardrail, etc.) without altering the original design elements. (Surface and Intermediate layer Mill and Fills, overlays with less than or equal to 3.5" of additional pavement, etc....)

* (4R) Resurfacing, Restoration, Rehabilitation and Reconstruction - Much like 3R, except that 4R allows for the complete reconstruction of the roadway and alteration of certain design elements (i.e., lane widths, shoulder width, SSD, overlays with greater than 3.5" of additional pavement, etc.).

BRIDGES SUFFICIENCY RATING

Extremely Critical:	0-25, or a General Appraisal rating of 3 or less.
Critical:	27-50, or a General Appraisal rating of 4.
Major:	51-65 or a General Appraisal rating of 5 or 6.
Moderate:	66-80 or a General Appraisal rating of 7.
Minimal:	81-100 or a General Appraisal rating of more than 7.
No Impact:	Bridge on a new roadway.

WASTEWATER TREATMENT PLANTS

Extremely Critical:	Improvements required by the Environmental Protection Agency (EPA) in the form of a consent decree, finding and orders or court order, and Health Department Construction Ban.
Critical:	Improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
Major:	Replace deficient appurtenances. Update existing processes due to EPA recommendations.
Moderate:	Increase capacity to meet current needs or update processes to improve effluent quality.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER TREATMENT PLANT

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Improvements to meet Environmental Protection Agency (EPA) Safe Drinking Water Regulations and/or Notice of Violations.
Major:	Replace deficient appurtenances. Update existing processes due to EPA recommendations.
Moderate:	Increase capacity to meet current needs or update processes to improve water quality.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

COMBINED SEWER SEPARATIONS (May be construction of either new storm or sanitary sewer as long as the result is two separate sewer systems.)

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Separate, due to chronic backup or flooding in basements.
Major:	Separate, due to documented water quality impairment, or due to EPA recommendations.
Moderate:	Separate, due to specific development proposal within or upstream of the combined system area.
Minimal:	Separate, to conform to current design standards.
No Impact:	No positive health effect.

STORM SEWERS

Extremely Critical:	Improvements ordered by the Environmental Protection Agency (EPA) in the form of a consent decree, findings and orders or court order.
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Critical:	Chronic flooding (structure damage) or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or project needs.

CULVERTS

Extremely Critical:	Structurally deficient or functionally obsolete. Deterioration has already caused a critical safety hazard to the public.
Critical:	Inadequate capacity with land damage and the existing or high probability of property damage.
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or projected needs.

SANITARY SEWERS

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Replace, due to chronic pipe failure, chronic backup or flooding in basements, sewer system overflows, and/or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
Major:	Replace, due to inadequate capacity or infiltration, or due to EPA recommendations.
Moderate:	Rehabilitate to increase capacity to meet current needs or to reduce inflow and infiltration.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

SANITARY LIFT STATIONS AND FORCE MAINS

Extremely Critical:	Structurally deficient. Deterioration has already caused a safety/health hazard to the public, or; EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Inadequate capacity with actual or a high probability of property damage; or improvements required by the Environmental Protection Agency (EPA) in the

form of NPDES permit requirements.

- Major: EPA recommendations, or; reduces a probable health and/or safety problem.
- Moderate: Rehabilitate to increase capacity to meet current needs.
- Minimal: New/Expansion to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER PUMP STATIONS

- Extremely Critical: Structurally deficient. Deterioration has already caused a safety hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.
- Critical: Inadequate capacity with the inability to maintain pressure required for fire flows.
- Major: Replace due to inadequate capacity or EPA recommendations.
- Moderate: Rehabilitate to increase capacity to meet current needs.
- Minimal: New/Expansion to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER LINES/WATER TOWERS

Extremely Critical: Replace to solve low potable water pressure or excessive incidents of main breaks in project area.

Critical: Replacement/Rehabilitation due to structural deficiency such as excessive corrosion and/or safety upgrades, etc.

- Major: Replace undersized water mains as part of an overall upgrade process. Replace water meters that have exceeded their useful life.
- Moderate: Increase capacity to meet current needs. Spot repairs/recoating to restore moderate corrosion of water components.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

OTHER

- Extremely Critical: There is a present health and/or safety threat.
- Critical: The project will provide immediate health and/or safety benefit.
- Major: The project will reduce a probable health and/or safety problem.

- Moderate: The project will delay a health and/or safety problem.
- Minimal: A possible future health and/or safety problem mitigation.
- No Impact: No health and/or safety effect.

NOTE: Combined projects that can be rated in more than one subset may be rated in the other category at the discretion of the District 5 Executive Committee. In general, the majority of the cost or scope of the project shall determine the category under which the project will be scored.

(Submittals without supporting documentation will receive 0 Points for this question.)

Extremely Critical ____, Critical , Major ____, Moderate ____, Minimal ____, No Impact ____. Explain your answer. Existing mains are undersized, corroded, and structural deficient. See attached "Pipe Condition Report" (Additional narrative, charts and/or pictures should be attached to questionnaire)

4. Identify the amount of local funds that will be used on the project as a percentage of the total project cost. **ORC Reference 164.06(B)(6); ORC 164.06(B)(7); ORC 164.06(B)(3); ORC 164.14(E)(4)**

A.) Amount of Local Funds = \$ 443,530

B.) Total Project Cost = \$ 618,530

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A÷B)= 72 %

Note: Local funds should be considered funds derived from the applicant budget or loans funds to be paid back through local budget, assessments, rates or tax revenues collected by the applicant.

5. Identify the amount of other funding sources to be used on the project, excluding SCIP or LTIP Funds, as a percentage of the total project cost. **ORC Reference(s): 164.06(B)(7); 164.14(E)(4)**

Grants __% Gifts __%, Contributions __%

Other __% (explain) _____, Total 0 %

Note: Grant funds and other revenues not contributed or collected through taxes by the applicant should be considered other funds. The Scope of Work for each Funding Source must be the same.

6. Total Amount of SCIP and Loan Funding Requested- An Applicant can request a grant per the categories below for points as indicated on the Priority Rating Sheet. If the Applicant is including a loan request equal to, but not exceeding 50% of the OPWC funding amounts listed below, there will be no point penalty. If loan funds requested are more than 50%, points as listed in the Priority Rating Sheet will apply. **ORC Reference(s): 164.14(E)(10); 164.06(B)(5)**

_____ \$500,001 or More
 _____ \$400,001-\$500,000
 _____ \$325,001-\$400,000
 _____ \$275,001-\$325,000

\$175,001-\$275,000
 X \$175,000 or Less

There are times when the District spends all of the grant money and has loan money remaining. When this happens, the district makes a loan offer in the amount of the requested grant to the communities that were not funded. The offers are made in the order of scoring. We need to know if you are not successful in obtaining grant dollars for your project if you would be interested in loan money:

YES _____ NO X

(This will only be considered if you are not funded with grant money and there is remaining loan money.) **Please note: if you answer “no” you will not be contacted, only if you answer “yes” will an offer be made in the event that there is loan money remaining.**

7. If the proposed project is funded, will its completion directly result in the creation of permanent full-time equivalent (FTE) jobs (FTE jobs shall be defined as 36 hours/week) ? Yes ___ No X . If yes, how many jobs within eighteen months? ___ Will the completed project retain jobs that would otherwise be permanently lost? Yes ___ No X . If yes, how many jobs _____ will be created/retrained within 18 months following the completion of the improvements?

ORC Reference(s): 164.14(E)(3);164.14(E)(10)

(Supporting documentation in the form of letter from affected industrial or commercial enterprises that specify full time equivalent jobs that will be retained or created directly by the installation or improvement of Public infrastructure. Additional items such as; 1) newspaper articles or other media news accounts, 2) public meeting minutes, and/or 3) a letter from the County Economic Development Director or State of Ohio Economic Development Professional that alludes to the requirement for the infrastructure improvement to support the business. Submittals without supporting documentation will receive 0 points for this question.)

8. What is the total number of existing users that will directly benefit from the proposed project if completed? 90 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) **ORC Reference 164.14(E)(7); 164.06(B)(10)**

90 Households served by existing water mains

9. Economic Distress Criteria **ORC Reference 164.06(B)(8)**

What is the Local Median Household Income as a percentage of the District Median Household Income? 63.15 %. Please utilize the Economic Distress Scoring Criteria based on ACS 2013-2017 Data provided in Exhibit A.

10. Readiness to Proceed Criteria **ORC Reference 164.06(B)(9); ORC 164.14(E)(5)**

Please categorize the status of planning and design elements for the project.

 Plans have not begun yet (0 Points)

_____ Preliminary Engineering Complete (1 Point)
2 Final Design Complete (2 Points)

11. Base Score Total for Questions 1-10= 85
12. County Subcommittee Priority Points= _____
(25-20-15 Points for each of the SCIP and LTIP Project Categories)

13. DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)

- 13a. A **District Discretionary Point** may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. (Include documentation to support the claim of significance) (Maximum of 1 Point at the discretion of the District Executive Committee) _____
ORC Reference 164.14(E)(7)
- 13b. A **District Discretionary Point** may be awarded to projects that demonstrate that the entity has maximized local financial resources including assessments. Provide a Fund Status Report and/or the water and sanitary waste utility rate structures are at least 2.5% of area median household income for combined systems and 1.5% of the area median household income for water and sanitary only systems. Please provide rate ordinances for water and sanitary sewer to be considered for discretionary points. (Maximum of 1 Point at the discretion of the District 5 Executive Committee) _____ **ORC Reference 164.06(B)(3)**

14. **Grand Total of Points** _____

15. Is subdivision's population less than 5,000 Yes No X If yes, continue. You may want to design your project per Small Government Project Evaluation Criteria, released for the current OPWC Round to assist in evaluating your project for potential Small Government Funding. The Small Government Criteria is available on the OPWC website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2036%20Methodology.pdf?ver=2019-08-07-071749-143>

16. **OHIO PUBLIC WORKS COMMISSION SMALL GOVERNMENT PROGRAM GUIDELINES**

All projects that are sponsored by a subdivision with a population of 5,000 or less, and not earning enough points for District Funding from SCIP or LTIP Funds, are then rated using the Small Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Supplement and their required budgets with their application. **Only infrastructure that is village- or township- owned is eligible for assistance.** The following policies have been adopted by the Small Government Commission:

- District Integrating Committees may submit up to seven (7) applications for consideration by the

Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.


- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.
- Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more cost-effective if regionalized.
- If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the **Water & Wastewater Affordability Supplemental** and the **Small Government Water & Wastewater Affordability Calculation Worksheet**. Both are available on the **Small Government Program Tab** at <https://www.pwc.ohio.gov/Programs/Infrastructure-Programs/Small-Government>
- Should there be more projects that meet the “annual score” than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, “contingency projects” may be funded from project under-runs by continuing down the approved project list.
- Supplemental assistance is not provided to projects previously funded by the Commission.
- Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.

If you desire to have your Round 36 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 36 by accessing the OPWC Website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2036%20Methodology.pdf?ver=2019-08-07-071749-143>. Please follow the Small Government Evaluation Criteria and include supporting documentation to receive points. Specifically, include the Auditor's Certification of funds for your entity and documentation supporting the age of the infrastructure.

Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 36.

Date: 9/9/21

Signature: 

Title: City Engineer

Address: 323 S Front St. Fremont, OH 43420

Phone: 419-334-8963

FAX: 419-552-5029

Email: tfredericksen@fremontohio.org

District 5
Capital Improvement Project
Priority Rating Sheet, Round 36

Revised 06/28/2021

COUNTY: Sandusky County										PROJECT NUMBER							
PROJECT: 2022 Waterline Improvements																	
EST. COST: \$618,530																	
No.	A WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	B PRIORITY FACTORS					A x B	PRIORITY FACTORS						No.		
			0	2	4	6	8		10	0	2	4	6	8		10	
1	1	(REPAIR OR REPLACE) vs. (NEW OR EXPANSION)						X	10	0%+	20%+	40%+	60%+	80%+	100%+	1	
										Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement		
2A	1	EXISTING PHYSICAL CONDITION <small>Please refer to Criteria #2 of the Round 36 Scoring Methodology. Must submit substantiating documentation. (100% New or Expansion = 0 Points)</small>						X	10	Excellent	Good	Fair	Fading	Poor	Failing	2A	
2B	1	AGE						X	5	Type	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-16 Yrs	17-20 Yrs	20+ Yrs	2B
										Road	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-16 Yrs	17-20 Yrs	20+ Yrs	
										Wastewater	0-6 Yrs	7-12 Yrs	13-18 Yrs	19-24 Yrs	25-30 Yrs	30+ Yrs	
										Bridge/Culvert	0-10 Yrs	11-20 Yrs	21-30 Yrs	31-40 Yrs	41-50 Yrs	50+ Yrs	
										Sanitary Sewer, Water Supply, Storm Water, Solid Waste	0-10 Yrs	11-20 Yrs	21-30 Yrs	31-40 Yrs	41-50 Yrs	50+ Yrs	
3	2	PUBLIC HEALTH AND/OR SAFETY CONCERNS <small>Submittals without supporting documentation will receive 0 points for this question.</small>						X	16	No Impact	Minimal	Moderate	Major	Critical	Extremely Critical	3	
4	2	LOCAL MATCHING FUNDS <small>Percentage of Local Share (Local funds are funds derived from the applicant budget or a loan to be paid back through the applicant budget, assessments, rates or tax revenues) *</small>						X	20	0%	10%	20%	30%	40%	50%	4	
5	1	OTHER FUNDING (Excluding Issue II Funds) <small>(Grants and other revenues not contributed or collected through taxes by the applicant including GFA Contributions, etc. - must submit copy of award or status letter)</small>	X						0	0%	10%	20%	30%	40%	50%	5	
6	2	GRANT AND LOAN FUNDS REQUESTED <small>Please refer to Criteria #9 of the Round 36 Methodology for clarification.</small>						X	20							6	
	2	Grant or Loan Only														6	
	2	Grant/Loan Combination														6	
<small>When scoring a project that is only grant or only loan, please use the chart labeled "Grant or Loan Only". When scoring a grant/loan combination, score the project for the grant in the first chart, then use the second chart labeled "Grant/Loan Combination" to score the total (grant and loan combined). Use the lower of the two as the score.</small>																	
7	1	JOB CREATION/RETENTION <small>Indicates full time equivalent jobs, include supporting documentation in the form of a commitment letter from business or third party entity.</small>	X						0	0-6 Jobs	7-14 Jobs	15-24 Jobs	25+ Jobs			7	
8	1	BENEFIT TO EXISTING USERS (households or traffic counts) <small>Equivalent existing just direct connections. Traffic Counts within three years with certified documentation, etc.</small>	X						0	0-99 Users	100-249 Users	250-499 Users	500-749 Users	750-1000 Users	1000+ Users	8	
9	1	ECONOMIC DISTRESS <small>Local MHI as a percentage of the District Median MHI</small>						X	2	100%+	80%-100%	Less Than 80%				9	
10	1	READINESS TO PROCEED						X	2	Plans Not Begun	Preliminary Engineering Complete	Final Design Complete				10	
11		SUBTOTAL RANKING POINTS (MAX = 115)							85	Other Info: Does this project have a significant impact on productive farmland? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Attach impact statement if yes. Is the Applicant ready to proceed to bids after State Approval within 6 months? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>							
12		COUNTY SUBCOMMITTEE PRIORITY POINTS (15-15-15)															
13A		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX=1)								District Discretionary Point may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. Include documentation to support the claim of significance.							
13B		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX=1)								District Discretionary Point may be awarded to projects that demonstrate that the entity has maximized financial resources including assessments and utility rate structure.							
14		GRAND TOTAL RANKING POINTS															

* Applicants must certify local and other share contributions. Specify, all funding sources to be utilized as local share at the time of application submittal.