

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 4/99

CB11H

(2) RLF

IMPORTANT: Please consult the "Instructions for Completing the Project Application" for assistance in completion of this form.

SUBDIVISION: City of Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9 / 3 / 03

CONTACT: Brian Pickering, PE PHONE # (513) 591 - 6856

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 591-7826 E-MAIL brian.pickering@gcww.cincinnati-oh.gov

PROJECT NAME: Harrison Avenue Water Main Replacement

SUBDIVISION TYPE

(Check Only 1)

- 1. County
X 2. City
3. Township
4. Village
5. Water/Sanitary District (Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- 1. Grant \$
X 2. Loan \$ 980,000
3. Loan Assistance \$

PROJECT TYPE

(Check Largest Component)

- 1. Road
2. Bridge/Culvert
X 3. Water Supply
4. Wastewater
5. Solid Waste
6. Stormwater

TOTAL PROJECT COST: \$ 1,400,000

FUNDING REQUESTED: \$ 980,000

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ LOAN ASSISTANCE: \$

SCIP LOAN: \$ RATE: % TERM: yrs.

RLP LOAN: \$ 980,000 RATE: 0 % TERM: 20 yrs.

(Check Only 1)

- State Capital Improvement Program
Local Transportation Improvements Program
Small Government Program

2003 SEP 19 AM 9:
OFFICE OF NEW BURLINGTON
COUNTY ENGINEER

FOR OPWC USE ONLY

PROJECT NUMBER: C /C

Local Participation %

OPWC Participation %

Project Release Date: / /

OPWC Approval:

APPROVED FUNDING: \$

Loan Interest Rate: %

Loan Term: years

Maturity Date:

Date Approved: / /

SCIP Loan RLP Loan

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:
(Round to Nearest Dollar)

TOTAL DOLLARS

**FORCE ACCOUNT
DOLLARS**

a.) Basic Engineering Services:

\$.00

- Preliminary Design \$.00
- Final Design \$.00
- Bidding \$.00
- Construction Phase \$.00

Additional Engineering Services
*Identify services and costs below.

\$.00

b.) Acquisition Expenses:

Land and/or Right-of-Way

\$.00

c.) Construction Costs:

\$ 1,275,000.00

d.) Equipment Purchased Directly:

\$.00

e.) Permits, Advertising, Legal:
(Or Interest Costs for Loan Assistance
Applications Only)

\$.00

f.) Construction Contingencies:

\$ 125,000.00

g.) TOTAL ESTIMATED COSTS:

\$ 1,400,000.00

*List Additional Engineering Services here:
Service:

Cost:

1.2 PROJECT FINANCIAL RESOURCES:
(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ <u> .00</u>	<u> </u>
b.) Local Revenues	\$ <u> 420,000.00</u>	<u> 30</u>
c.) Other Public Revenues	\$ <u> .00</u>	<u> </u>
ODOT	\$ <u> .00</u>	<u> </u>
Rural Development	\$ <u> .00</u>	<u> </u>
OEPA	\$ <u> .00</u>	<u> </u>
OWDA	\$ <u> .00</u>	<u> </u>
CDBG	\$ <u> .00</u>	<u> </u>
OTHER _____	\$ <u> .00</u>	<u> </u>
 SUBTOTAL LOCAL RESOURCES:	 \$ <u> 420,000.00</u>	 <u> 30</u>
d.) OPWC Funds		
1. Grant	\$ <u> .00</u>	<u> </u>
2. Loan	\$ <u> 980,000.00</u>	<u> 70</u>
3. Loan Assistance	\$ <u> .00</u>	<u> </u>
 SUBTOTAL OPWC RESOURCES:	 \$ <u> 980,000.00</u>	 <u> 70</u>
 e.) TOTAL FINANCIAL RESOURCES:	 \$ <u> 1,400,000.00</u>	 <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 share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# _____ Sale Date: _____

STATUS: (Check one)

Traditional _____
Local Planning Agency (LPA) _____
State Infrastructure Bank _____

2.0 PROJECT INFORMATION

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

2.1 PROJECT NAME: Harrison Avenue Water Main Replacement

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

A: SPECIFIC LOCATION:

This project is located on Harrison Avenue from Adler to Fairmount in Fairmont. See attached location map for location.

PROJECT ZIP CODE: 45214

B: PROJECT COMPONENTS:

This project involves replacing a 24" water transmission main with a 36" transmission main, valves, chambers and performing all other related work.

C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

This project involves abandoning an existing 24" water main and replacing with approximately 4000' of 36" water transmission main in Harrison Avenue.

D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

This project is designed to meet the future demand.

Road or Bridge: Current ADT _____ Year: _____ Projected ADT: _____ Year: _____

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$ * _____ Proposed Rate: \$ * _____

* See attached rate schedule

Stormwater: Number of households served: _____

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 75 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$ <u>1,400,000.00</u>
TOTAL PORTION OF PROJECT NEW/EXPANSION	\$ <u>.00</u>

4.0 PROJECT SCHEDULE: *

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>11/01/03</u>	<u>8/01/04</u>
4.2 Bid Advertisement and Award:	<u>10/01/04</u>	<u>11/01/04</u>
4.3 Construction:	<u>1/01 /05</u>	<u>12 /01 /05</u>
4.4 Right-of-Way/Land Acquisition:	<u>NA</u>	<u>NA</u>

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE

OFFICER	<u>Timothy H. Riordan</u>
TITLE	<u>Assistant City Manager</u>
STREET	<u>Room 152, City Hall</u> <u>801 Plum Street</u>
CITY/ZIP	<u>Cincinnati, Ohio 45202</u>
PHONE	<u>(513) 352 - 2457</u>
FAX	<u>(513) 352 - 6284</u>
E-MAIL	<u>tim.riordan@cincinnati-oh.gov</u>

5.2 CHIEF FINANCIAL

OFFICER	<u>William Moller</u>
TITLE	<u>Finance Director</u>
STREET	<u>Room 250, City Hall</u> <u>801 Plum Street</u>
CITY/ZIP	<u>Cincinnati, Ohio 45202</u>
PHONE	<u>(513) 352 - 3731</u>
FAX	<u>(513) 352 - 2370</u>
E-MAIL	<u>bill.moller@cincinnati-oh.gov</u>

5.3 PROJECT MANAGER

TITLE	<u>Joseph Zistler</u> <u>Principal Engineer</u>
STREET	<u>4747 Spring Grove Avenue</u>
CITY/ZIP	<u>Cincinnati, Ohio 45232</u>
PHONE	<u>(513) 591 - 7852</u>
FAX	<u>(513) 591 - 7867</u>
E-MAIL	<u>joe.zistler@gcwww.cincinnati-oh.gov</u>

Changes in Project Officials must be submitted in writing from the CEO.

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [] below that each item listed is attached.

- [] 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 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 original seal or stamp and signature.
- [] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- [] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- [] Capital Improvements Report: (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 that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (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 on 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 of the project.

Timothy H. Florsheim

Assistant City Manager

Certifying Representative (Type or Print Name and Title)

Timothy H. Florsheim

1-15-07

Signature/Date Signed

City of Cincinnati



Department of Water Works

4747 Spring Grove Avenue
Cincinnati, Ohio 45232

David E. Rager
Director of Water Works

Paul E. Tomes
Water Works Chief Engineer

August 22, 2003

Subject: Harrison Avenue Water Main Replacement – Adler to Fairmount
Certification of Useful Life

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject water main project is at least seventy-five (75) years.




Brian Pickering, P.E.
Principal Engineer
City of Cincinnati

Harrison Avenue Water Main Replacement

Cincinnati Water Works

8/14/03

Engineers Estimate

No.	Item	Quant.	Unit	Description	Unit Cost	Total Cost
1	1101	4000	Lin. Ft.	Furnishing and Laying 36" Ductile Iron Pipe and Fittings	\$295.00	\$1,180,000.00
2	1101	150	Lin. Ft.	Furnishing and Laying 8" Ductile Iron Pipe and Fittings	\$200.00	\$30,000.00
3	1101	60	Lin. Ft.	Furnishing and Laying 12" Ductile Iron Pipe and Fittings	\$200.00	\$12,000.00
4	1101	20	Lin. Ft.	Furnishing and Laying 16" Ductile Iron Pipe and Fittings	\$350.00	\$7,000.00
5	1102	3	Ton	Hauling Water Works Material	\$55.00	\$165.00
6	1110	55	Cu. Yd.	Concrete, Class "C"	\$140.00	\$7,700.00
7	1111	3	Each	2" Air Cock Chamber on 36" Water Main	\$2,100.00	\$6,300.00
8	1116	18	Each	Furnishing and Installing Valve Box Complete	\$250.00	\$4,500.00
9	1119	40	Cu. Yd.	Additional Excavation	\$60.00	\$2,400.00
10	1120	40	Cu. Yd.	Exploratory Excavation	\$75.00	\$3,000.00
11	1121	5	Cu. Yd.	Filling Abandoned Water Works Structures	\$65.00	\$325.00
12	1122	5	Each	Removing Existing Manhole Curb and Cover	\$225.00	\$1,125.00
13	1123	50	Lin. Ft.	Changing 8" and Under Pipe Sewer	\$75.00	\$3,750.00
14	1123	50	Lin. Ft.	Changing 10" Thru 24" Pipe Sewer	\$86.00	\$4,300.00
15	509	2500	Lbs.	Reinforcing Steel	\$1.00	\$2,500.00
16	626	1	MFBM	Sheeting and Bracing Ordered Left in Place	\$300.00	\$300.00
17	619	1	Each	Temporary Facilities	\$5,000.00	\$5,000.00
18	602	1	Cu. Yd.	Brick Masonry	\$210.00	\$210.00
19	1111	3	Each	12" Manhead Chamber On 36" W.m.	\$2,000.00	\$6,000.00

Construction = \$1,276,575.00
 Contingencies = \$123,425.00
 Total Construction Cost = \$1,400,000.00





City of Cincinnati

Department of Water Works

4747 Spring Grove Avenue
Cincinnati, Ohio 45232

David E. Rager
Director of Water Works

Paul E. Tomes
Water Works Chief Engineer

September 9, 2003

Mr. Lawrence Bicking, Director
Ohio Public Works Commission
65 East State Street, Suite 312
Columbus, Ohio 43215

RE: Repayment Method for City of Cincinnati Water Works Round 18/2004 RLP Loan Project
Ohio Public Works Commission Funding

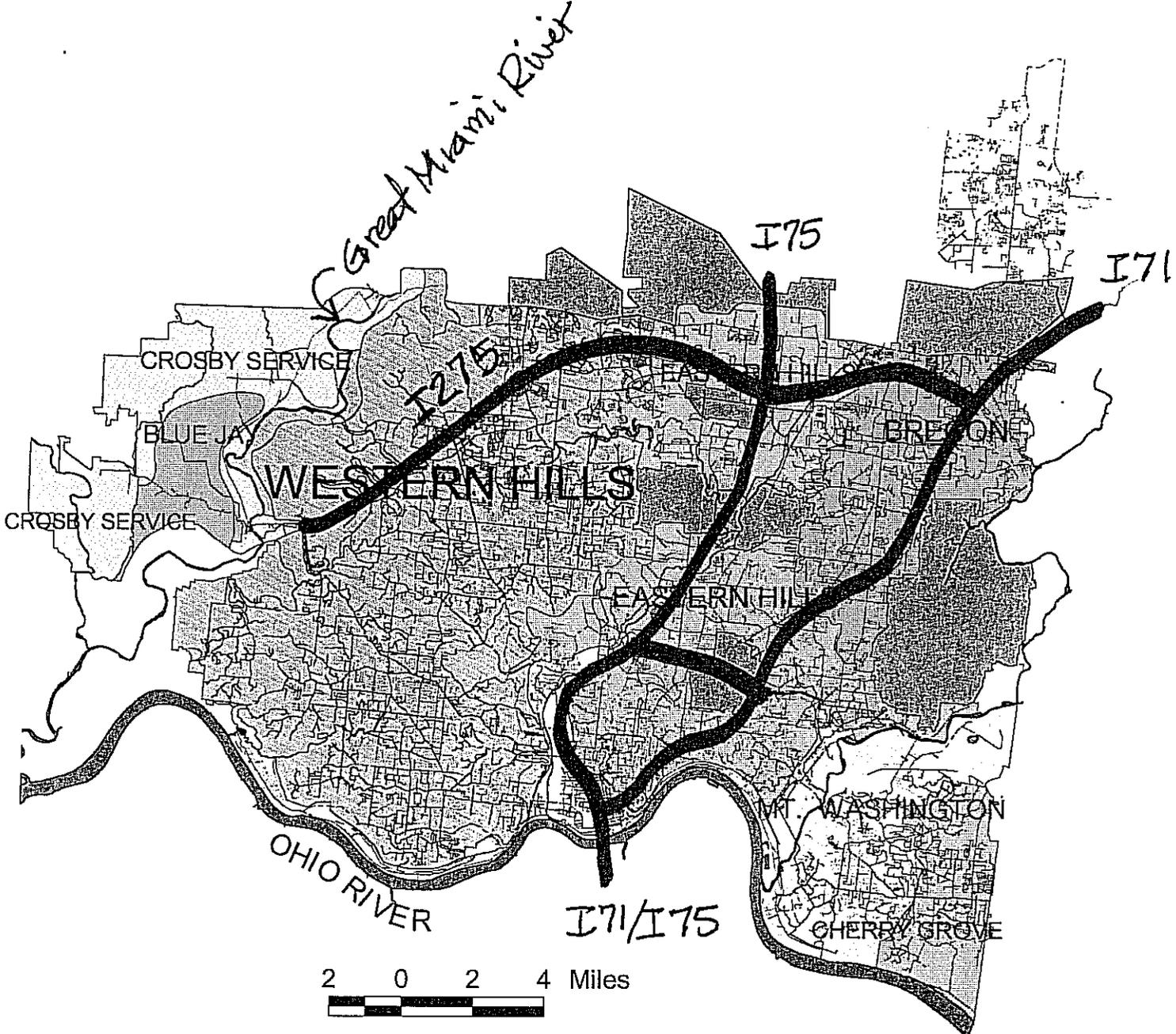
Dear Mr. Bicking:

I am sending this letter to you for the purpose of certifying that the City of Cincinnati Water Works will have funding in the amount of \$980,000 in future budgets for the Harrison Avenue Water Main Replacement – Adler to Fairmount. The Cincinnati Water Works annually projects repayment of debt through the budget process. All debt is self-supporting and serviced by water user charges. Matching funds for all Greater Cincinnati Water Works projects will be from cash reserves and/or proceeds from the sale of revenue bonds.

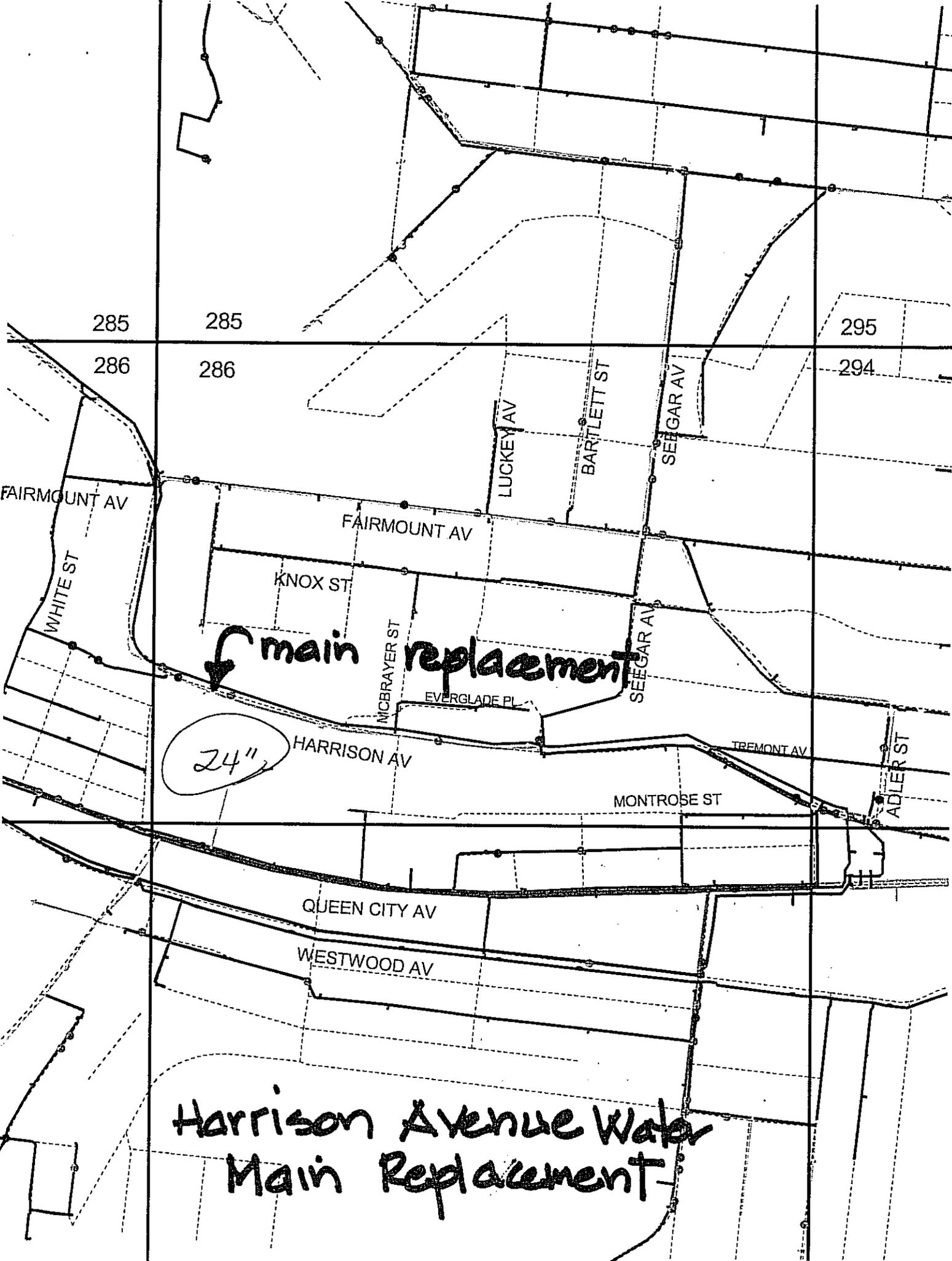
Sincerely,

William E. Moller
Director of Finance

cc: R. Cline, Transp. & Engineering
S. Hellman, GCWW Business Services
B. Pickering, GCWW Engineering
P. Tomes, GCWW Engineering



Harrison Avenue
Western Hills Service Area
SCIP Funding Application



285
286

285
286

295
294

FAIRMOUNT AV
WHITE ST

FAIRMOUNT AV

KNOX ST

main replacement

MCBRAYER ST

EVERGLADE PL

HARRISON AV

24"

MONTROSE ST

QUEEN CITY AV

WESTWOOD AV

Harrison Avenue Water
Main Replacement

LUCKEY AV

BARTLETT ST

SEEGAR AV

SEEGAR AV

TREMONT AV

ADLER ST

cc: Brian Pickering

City of Cincinnati

AP
DHW

An Ordinance No. 327 - 2003

AUTHORIZING the City Manager to apply for and accept water supply funding credit enhancements and loans from the State of Ohio, Ohio Public Works Commission, in the approximate amount of \$1,970,000.00, and to execute any agreements necessary for the receipt and administration of said credit enhancements and loans.

WHEREAS, the State Capital Improvement Program, the Local Transportation Improvement Program, and the State Revolving Loan Program provide for infrastructure funding; and

WHEREAS, the District 2 Integrating Committee is accepting applications for projects within Hamilton County, State of Ohio; and

WHEREAS, the City of Cincinnati has the required matching City funds for Program Year 2004, for two water supply projects, namely Countywide Water Main Improvements Phase II and the Harrison Avenue Water Main Replacement; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to apply for and accept credit enhancements and loans in the approximate amount of \$1,970,000.00 at an interest rate acceptable to the City of Cincinnati Director of Finance, from the Ohio Public Works Commission through the Hamilton County District 2 Integrating Committee, for the funding of two water supply projects, namely Countywide Water Main Improvements Phase II and the Harrison Avenue Water Main Replacement.

Section 2. That the City Manager is authorized to execute any agreements necessary for the receipt and administration of said credit enhancements and loans.

Section 3. That the Director of Finance is directed to deposit any said funds received into the appropriate account. The Director of Finance is further authorized to disburse said funds upon receipt of the proper vouchers.

Section 4. That the proper City officials are authorized to do all things necessary and proper to comply with the terms and conditions of the enhancement credits and loans and Sections 1, 2 and 3 hereof.

Section 5. That this Ordinance shall take effect from and at the earliest period allowed by law.

Passed: September 24, 2003

Alvin Reece
Vice-Mayor

Attest: Melissa Antry
Clerk

I HEREBY CERTIFY THAT ORDINANCE NO. 327-2003
WAS PUBLISHED IN THE CITY BULLETIN
IN ACCORDANCE WITH THE CHARTER ON 10-7-2003

Melissa Antry
Clerk of Council

ADDITIONAL SUPPORT INFORMATION

For Program Year 2004 (July 1, 2004 through June 30, 2005), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT? _____ YES _____ NO (ANSWER REQUIRED)

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

The water main being replaced is in marginal condition. The main primarily has lead joints and is highly tuberculated, which reduces the flow/volume in the pipe. See the discussion on water main condition. The existing 24" transmission main is nearly 77 years old. This portion of main has a long maintenance history with over 40 breaks/leaks, including 3 between April 2001 and November 2002. The breaks/leaks occur primarily at the pipe joints.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The safety of the area will be improved by providing increased/reliable flow to the distribution system, for fire hydrants and for flushing out the system for water quality purposes. The project will further improve water quality by eliminating the lead joints.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The project is important to the health of the Greater Cincinnati Water Works (GCWW) consumers because water quality is improved by eliminating lead joints. The flow rate is also increased due to the new larger pipe with less friction and therefore energy costs savings.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

- Priority 1 Countywide Water Main Improvements – Phase II
- Priority 2 Harrison Avenue Water Main Replacement
- Priority 3 _____
- Priority 4 _____
- Priority 5 _____

5) Will the completed project generate user fees or assessments?

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.).

No _____ Yes If yes, what user fees and/or assessments will be utilized?

The current water rates are indicated on the attached City Ordinance. The rates will not change as a result of this project.

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

This project will have a positive affect on economic growth of the GCWW service area by providing additional, plentiful, high quality water. GCWW has the ability to provide additional capacity if additional development occurs within the area.

7) Matching Funds - LOCAL

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - OTHER

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by August 31st of this year for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

The project will be funded by bond fund proceeds or GCWW cash reserves.

9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious traffic problems or hazards (be specific).

The project will meet future capacity demands. The project is located in North Fairmount (Cincinnati) and serves the Water Works Western Hills Service Area which has experienced significant growth.

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS _____ Proposed LOS _____

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

Not applicable (NA)

10) If SCIP/LTIP funds were granted, when would the construction contract be awarded?

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months 4

- a.) Are preliminary plans or engineering completed? Yes _____ No X N/A _____
- b.) Are detailed construction plans completed? Yes _____ No X N/A _____
- c.) Are all utility coordination's completed? Yes _____ No X N/A _____
- d.) Are all right-of-way and easements acquired (if applicable)? Yes _____ No _____ N/A NA

If no, how many parcels needed for project? _____ Of these, how many are: Takes _____
Temporary _____
Permanent _____

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

e.) Give an estimate of time needed to complete any item above not yet completed. 9 Months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project represents a vital water main that provides between 50% and 66% of the water to the Western Hills Service Area. See attached map showing the service area.

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

NA

Will the ban be removed after the project is completed? Yes _____ No _____ N/A _____

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT _____ X 1.20 = _____ Users

Water/Sewer: Homes _____ X 4.00 = 169,240* Users

* This main provides between 50% and 66% (depending on the time of year) of the water for the Western Hills Service Area (338,480 people served). See the attached table from the GCWW Master Plan.

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional \$5.00 License Tax X

Infrastructure Levy X Specify type Infrastructure tax (a portion of the earnings tax)

Facility Users Fee X Specify type service charge for water supply

Dedicated Tax _____ Specify type _____

Other Fee, Levy or Tax _____ Specify type _____

CONDITION RATING FOR WATER MAINS

The condition ratings utilized by the Hamilton County Integrating Committee are not consistent with the rating system utilized by the Greater Cincinnati Water Works (GCWW). Using the "ADDENDUM TO THE RATING SYSTEM", the closest definition for a water main being replaced is the **CRITICAL CONDITION**. Typically the GCWW classifies most replacement water mains as being in **Marginal Condition**.

The GCWW does not usually televise all water mains before they are replaced. The GCWW maintains maintenance files that aid in prioritizing future water main replacement projects.

As indicated in the funding applications, water mains are replaced for numerous reasons. The **Countywide Water Main Improvements Phase II** project includes main that are being replaced for numerous reasons including documented maintenance history problems, age greater than 40 years, street improvements with roadway grade/alignment changes, conflicts with other utilities, upgrade leaded joint piping for 6" and 8" mains, mains with flow restrictions, rusty water, and expanding the system into areas that have not been served or due to new development.

**Please note that the following Underground Reports
are sorted chronologically**

**Underground Reports are not prepared for all
leaks/maintenance**

SCIP/LTIP PROGRAM
ROUND 18 - PROGRAM YEAR 2004
PROJECT SELECTION CRITERIA
JULY 1, 2004 TO JUNE 30, 2005

1.4

NAME OF APPLICANT: CITY OF CINCINNATI

NAME OF PROJECT: HARRISON AVENUE WATERMAIN REPLACEMENT

RATING TEAM: 4

NOTE: See the attached "Addendum To The Rating System" for definitions, explanations and clarifications to each of the criterion points of this rating system. All changes to the Rating System are italicized.

CIRCLE THE APPROPRIATE RATING

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

- 25 - Failed
- 23 - Critical
- 20 - Very Poor
- 17 - Poor
- 15 - Moderately Poor
- 10 - Moderately Fair
- 5 - Fair Condition
- 0 - Good or Better

DISCUSSED
GROUP

Appeal Score

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- 10 - Minimal importance
- 5 - Poorly documented importance
- 0 - No measurable impact

Appeal Score

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- 10 - Minimal importance
- 5 - Poorly documented importance
- 0 - No measurable impact

Appeal Score

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?
Note: Jurisdiction's priority listing (part of the Additional Support Information) must be filed with application(s).

- 25 - First priority project
- 20 - Second priority project
- 15 - Third priority project
- 10 - Fourth priority project
- 5 - Fifth priority project or lower

Appeal Score

5) Will the completed project generate user fees or assessments? Appeal Score
10 - No
 0 - Yes _____

6) Economic Growth - How the completed project will enhance economic growth (See definitions). Appeal Score
10 - The project will directly secure significant new employment
7 - The project will directly secure new employment
5 - The project will secure new employment
3 - The project will permit more development
 0 - The project will not impact development _____

7) Matching Funds - LOCAL
 10 - This project is a loan or credit enhancement
10 - 50% or higher
8 - 40% to 49.99%
 6 - 30% to 39.99%
4 - 20% to 29.99%
2 - 10% to 19.99%
0 - Less than 10%

8) Matching Funds - OTHER
10 - 50% or higher
8 - 40% to 49.99%
6 - 30% to 39.99%
4 - 20% to 29.99%
2 - 10% to 19.99%
1 - 1% to 9.99%
 0 - Less than 1%

9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district? (See Addendum for definitions) Appeal Score
 10 - Project design is for future demand.
8 - Project design is for partial future demand.
6 - Project design is for current demand.
4 - Project design is for minimal increase in capacity.
2 - Project design is for no increase in capacity. _____

10) Ability to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded? (See Addendum concerning delinquent projects)
 Will be under contract by December 31, 2004 and no delinquent projects in Rounds 15 & 16
3 - Will be under contract by March 31, 2005 and/or one delinquent project in Rounds 15 & 16
0 - Will not be under contract by March 31, 2005 and/or more than one delinquent project in Rounds 15 & 16

11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc. (See Addendum for definitions) Appeal Score
10 - Major impact
 8 - Moderate impact _____
4 -
2 - Minimal or no impact

WATER SUPPLY
TO 50 - 66% OF
WESTERN HILLS (WEST
-2- HALF
HAMILTON
COUNTY)

12) What is the overall economic health of the jurisdiction?

10 Points

8 Points

6 Points

4 Points

2 Points

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed

Appeal Score

8 - 80% reduction in legal load or 4-wheeled vehicles only

7 - Moratorium on future development, *not* functioning for current demand

6 - 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 - 40% reduction in legal load

2 - 20% reduction in legal load

0 - Less than 20% reduction in legal load

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

10 - 16,000 or more

Appeal Score

8 - 12,000 to 15,999

6 - 8,000 to 11,999

4 - 4,000 to 7,999

2 - 3,999 and under

169,000 users

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

4 - Two or more of the above

Appeal Score

3 - One of the above

0 - None of the above

General Statement for Rating Criteria

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applicant, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

Criterion 1 - Condition

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, health and/or safety issues. Condition is rated only on the facility being repaired or abandoned. (Documentation may include: ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.)

Definitions:

Failed Condition - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non functioning and replacement parts are unavailable.)

Critical Condition - requires moderate or partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

Very Poor Condition - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

Poor Condition - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

Moderately Poor Condition - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

Moderately Fair Condition - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

Fair Condition - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

Good or Better Condition - little to no maintenance required to maintain integrity.

Note: If the infrastructure is in "good" or better condition, it will **NOT** be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

Criterion 2 – Safety

The jurisdiction shall include in its application the type, frequency, and severity of the safety problem that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? In all cases, specific documentation is required. Mentioned problems, which are poorly documented, shall not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

Criterion 3 – Health

The jurisdiction shall include in its application the type, frequency, and severity of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? Are leaded joints involved in existing water line replacements? In all cases, specific documentation is required. Mentioned problems, which are poorly documented, shall not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

Criterion 4 – Jurisdiction’s Priority Listing

The jurisdiction **must** submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

Criterion 5 – Generate Fees

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.). The applying jurisdiction must submit documentation.

Criterion 6 – Economic Growth

Will the completed project enhance economic growth and/or development in the service area?

Definitions:

Directly secure significant new employment: The project is specifically designed to secure a particular development/employer(s), which will add at least 100 or more new employees. The applicant agency must supply specific details of the development, the employer(s), and number of new permanent employees.

Directly secure new employment: The project is specifically designed to secure development/employers, which will add at least 50 new permanent employees. The applying agency must supply details of the development and the type and number of new permanent employees.

Secure new employment: The project is specifically designed to secure development/employers, which will add 10 or more new permanent employees. The applying agency must submit details.

Permit more development: The project is designed to permit additional business development. The applicant must supply details.

The project will not impact development: The project will have no impact on business development.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply.

Criterion 7 – Matching Funds - Local

The percentage of matching funds which come directly from the budget of the applying local government.

Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7.

Criterion 9 – Alleviate Traffic Problems

The jurisdiction shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion or hazards will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

Formula:

$$\text{Existing users} \times \text{design year factor} = \text{projected users}$$

Design Year	Design year factor:		
	Urban	Suburban	Rural
20	1.40	1.70	1.60
10	1.20	1.35	1.30

Definitions:

Future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Partial future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Current demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

Minimal increase – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

No increase – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

Criterion 10 - Ability to Proceed

The Support Staff will assign points based on engineering experience and status of design plans as demonstrated by the applying jurisdiction and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently canceling the same after the bid date on the application may be considered as having a delinquent project.

Criterion 11 - Regional Impact

The regional significance of the infrastructure that is being repaired or replaced.

Definitions:

Major Impact - Roads: major multi-jurisdictional route, primary feed route to an Interstate, Federal Aid Primary routes.

Moderate Impact - Roads: principal thoroughfares, Federal Aid Urban routes

Minimal / No Impact - Roads: cul-de-sacs, subdivision streets

Criterion 12 – Economic Health

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

Criterion 13 - Ban

The jurisdiction shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

Criterion 14 - Users

The applying jurisdiction shall provide documentation. A registered professional engineer or the applying jurisdictions' C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

Criterion 15 – Fees, Levies, Etc.

The applying jurisdiction shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.

Note: the District 2 Integrating Committee adopted this rating system on May 2, 2003.