



**COMMISSION ON STORM WATER ISSUES
VIA VIDEOCONFERENCE
Tuesday, March 2, 2021
6:30 p.m.**

**IMPORTANT NOTICE REGARDING
PUBLIC ACCESS & PARTICIPATION**

On March 20, 2020, City Manager Gregory Rose declared a State of Emergency for the City of University City due to the COVID-19 Pandemic. Due to the ongoing efforts to limit the spread of the COVID-19 virus, the March 2, 2021 meeting will be conducted via videoconference.

Observe and/or Listen to the Meeting (your options to join the meeting are below):

Webinar via the link below:

<https://us02web.zoom.us/j/87941258159?pwd=MGVrdkptRE9Ua0d6dW5JekFMUFF4UT09>

Password: 989598

Audio Only Call

iPhone one-tap :

US: +13126266799,,87941258159# or +19292056099,,87941258159#

Or Telephone:

US: +1 312 626 6799 or +1 929 205 6099 or +1 301 715 8592 or +1 346 248 7799 or +1 669 900 6833 or +1 253 215 8782 or 888 788 0099 (Toll Free) or 877 853 5247 (Toll Free)

Webinar ID: 879 4125 8159

Citizen Participation and Public Hearing Comments:

Those who wish to provide a comment during the "Citizen Participation" portion as indicated on the agenda; may provide written comments to Sinan Alpaslan ahead of the meeting.

ALL written comments must be received **no later than 12:00 p.m. the day of the meeting**. Comments may be sent via email to: salpaslan@ucitymo.org, or mailed to the City Hall – 6801 Delmar Blvd. – Attention: Sinan Alpaslan. Such comments will be provided to Board/Commission member prior to the meeting. Comments will be made a part of the official record and made accessible to the public online following the meeting.

Please note, when submitting your comments, a **name and address must be provided**. Please also note if your comment is on an agenda or non-agenda item. If a name and address are not provided, the provided comment will not be recorded in the official record.

The City apologizes for any inconvenience the meeting format change may pose to individuals, but it is extremely important that extra measures be taken to protect employees, residents, and elected officials during these challenging times.



AGENDA

COMMISSION ON STORM WATER ISSUES MEETING

March 2, 2021 at 6:30 p.m.

Via Zoom

1. MEETING CALLED TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES
5. CITIZEN PARTICIPATION

Procedures for submitting comments for Citizen Participation and Public Hearings:

ALL written comments must be received **no later than 12:00 p.m. the day of the meeting.** Comments may be sent via email to: salpaslan@ucitymo.org, or mailed to the City Hall – 6801 Delmar Blvd. – Attention: Sinan Alpaslan. Such comments will be provided to the Commission on Storm Water Issues members prior to the meeting. Comments will be made a part of the official record and made accessible to the public online following the meeting *Please note, when submitting your comments, a **name and address must be provided.** Please also not if your comment is on an agenda or non-agenda item. If a name and address are not provided, the provided comment will not be recorded in the official record.*

6. NEW BUSINESS

- a. US Army Corps of Engineers – Update to Commission on analysis of hydraulics and hydrology for Upper River des Peres Flood Risk Management Study.

7. OLD BUSINESS

- a. Flooding Early Warning System – Update
- b. Trash Trap project – Update
- c. Request for Proposals/Qualifications for Storm Water Master Plan – RFQ out February 24 and responses due on March 16 (see Attachment #1 for document)
- d. MSD Operations, Maintenance and Construction Improvements (OMCI) projects (see Attachment #2 for memo update)

8. SUBCOMMITTEE REPORTS

- a. Communications

9. MISCELLANEOUS BUSINESS

10. COUNCIL LIAISON COMMENTS

11. ADJOURNMENT

Please call (314) 505-8572 or email salpaslan@ucitymo.org to confirm your attendance.



Request for Qualifications

Stormwater Master Plan

Project #:	1483
RFQ Issued:	Wednesday, February 24, 2021
Submittal Due Date:	Tuesday, March 16, 2021 @ 4 p.m. CST

Public Works Department

REQUEST FOR QUALIFICATIONS

University City is an inner-ring suburb of the city of St. Louis in St. Louis County, in the state of Missouri. According to the 2010 census, the city has a total area of 5.90 square miles (15.28 km²) and a population of 35,371 people. The city is one of the older suburbs in the St. Louis area. Much historic architecture remains in the southern, older portion of the city, particularly along Delmar Boulevard. The northern portions of the city developed mostly after World War II and are more suburban with shopping centers and more automobile-centered development.

The City Council is the legislative and governing body of the City of University City. The City Council has seven members, one of whom serves as Mayor. Each of the City's three wards has two representatives, who are elected to four-year terms. The Council appoints both the City Manager and City Clerk. The City Manager is responsible for the day-to-day operations of the University City government. The University City government is comprised of 12 Departments: Administration, Human Resources, Legislative Services, Finance, Communications and Technology, Economic Development, Fire, Municipal Court, Police, Planning and Development, Parks & Recreation & Forestry, and Public Works. The Public Works Department is comprised of Engineering, Streets, Solid Waste, and Facilities divisions.

The Public Works Department is soliciting qualifications from engineering and planning consulting firms to develop a Stormwater Master Plan for University City. The community is located in the Upper River des Peres watershed and is nearly built-out. River des Peres (RDP), meaning "River of the Fathers" in French, and its tributaries are a natural resource as well as a hazard during flood conditions. The riparian corridor associated with RDP offers many benefits such as locating trails and parks within its proximity and is also a public way often used for the Metropolitan St. Louis Sewer District's and other utilities' underground or overhead infrastructure to better serve the area residents. The management of the River des Peres channel is challenging at best and lies on the shoulders of public agencies having jurisdiction in its reaches. Recently more emphasis is being placed on public-private partnerships to tackle this task with our residents especially being more active in regional initiatives such as River des Peres Trash Bash, University City government maintaining compliance with the area Municipal Separate Storm Sewer System (MS4) permittee regulations and organizations such as River des Peres Watershed Coalition working to raise awareness of this asset throughout the St. Louis metropolitan area. University City Council approved the formation of a new Commission on Storm Water Issues in April 2020 with the Commission beginning its work in the August of that year. This Commission was formed on the heels of a Stormwater Task Force, of which many current Commissioners were members, and that Task Force completed as a result of 2 years' busy work and presented a very detailed report of their findings to University City Council in January 2020. The report is attached to this document for a review. The Commission on Storm Water Issues is advisory to City Council and, along with professional staff, looking forward to the development of the City's Stormwater Master Plan to inform future work in this function area in University City.

Anticipated Scope of Services:

A three-phased study scope is outlined with sample tasks listed under each phase for guidance in the development of consultant qualification submittals as follows:

Phase I – Data collection and analysis: (Consultant to gather data, coordinate input from various entities (City and otherwise), and classify problem areas):

- Attend kick-off meeting with City Project Manager and other City team members.
- Develop Stormwater Concern Form for distribution to residents (by City) for the purpose of collecting and documenting stormwater problems.
- Review existing stormwater studies, reports, complaint logs obtained by the City and obtained by the City from MSD, reports from the Corps of Engineers, and the Storm Water Task Force Citizen Survey.
- Complete necessary field visits to analyze identified stormwater problem areas.
- Map/delineate University City watershed and sewer sheds (this is a field survey as well as data research task) to create a drainage map of University City including important infrastructure location and sizes.
- Use Storm Water Task Force Citizen Survey results to pinpoint areas of storm water complaints to overlay on the drainage map for the development of recommendations for stormwater improvement program priority zones.
- Develop definition to distinguish between public and private stormwater problems.
- Recommend design criteria for stormwater controls applicable to new development and redevelopment projects.

Phase II – Prioritization of improvements: (Consultant to develop a single and objective end-product centered on prioritized or ranked list of projects that the City can use to make decisions on capital improvements):

- In cooperation with City Staff, revisit the problem areas generated by Phase I. From the problem areas cataloged in Phase I, identify specific stormwater projects and conceptual cost estimate for those projects.
- In cooperation with City Staff, review data, analyze conditions and improvements, and recommend methodology for setting priority levels for maintenance and minor improvements work relative to resolutions for storm water issues.
- Identify problem areas where a reasonable accommodation can be made to address water quality in addition to water quantity. Generate an alternate conceptual cost and ranking accordingly.
- Rank the projects and organize the data to aid in City budgeting and grant applications.
- Incorporate, as applicable, MSD project ranking scheme for OMCI tax fund utilization into the City stormwater capital improvement program proposed prioritization system.
- Review City ordinances and codes and recommend revisions to improve water quantity and quality.

Phase III – Implementation: (this phase is not included for a response on this RFQ and it is to be conducted in the future as City Council allocates funding):

- Formulate standards for implementation and develop recommendations to effectively integrate projects with operations and maintenance.
- Identify, assess, and prioritize opportunities for water quality improvement on publicly-owned property.
- Provide recommended program management procedures including an ongoing feedback loop utilization.

The below tasks apply to all phases of the work, as appropriate:

- Obtain public feedback (including up to 2 ea. public meetings) at appropriate phases of work development.
- Present draft work product to City staff for review and comments.
- Provide periodic updates to Commission on Storm Water Issues, obtain feedback.
- Provide mid-study update to City Council, obtain feedback.
- Incorporate review comments and feedback into final work product.
- Conclude the study work with report of findings and recommended actions and present the proposed Master Plan to City Council.

Timeline of Submittal:

Qualification submittals are due at 4 p.m. noon on Tuesday, March 16. Please make an appointment for dropping off documents at City Hall at 6801 Delmar Blvd., University City, Missouri 63130 as the facility is currently closed for public access except for daily limited openings at 9-10 a.m. and 3-4 p.m.

Instructions for Preparing Proposal:

Proposals (3 ea. hard copies) can be assembled in any format including but not limited to a Letter of Interest or Cover Letter, Qualifications package and any applicable Attachments. However, the length of the submittals shall not exceed 15 pages (single-sided) and all submittals shall be provided together with an electronic copy (either emailed to sinan@ucitymo.org or transmitted via a thumb drive).

Please do not contact the City staff for project understanding and instructions beyond what's provided in this document. However, contacting the City staff (Department phone number: 314-505-8560) for clarifications or document submittal arrangements is not restricted.

Selection Process and Criteria:

The statements of qualifications (SOQ) will be evaluated by the City's review committee consisting of various City personnel. The criteria that will be utilized to score the SOQs are listed below:

- Qualifications of firm (25 points).
- Qualifications for Project Manager and Project Team (25 points).
- Relevant Storm Water Experience (25 points).
- Approach (25 points).

Important Considerations:

The scope of this study and master plan development is intended for the selected consultant to assist the City Staff with devising an objective tool and establishing a basis of data systems to utilize for stormwater management. The resulting tool and systems are transparent to residents and property owners, and defensible by the City.

Attachment:

Storm Water Task Force Report

END OF DOCUMENT "REQUEST FOR QUALIFICATIONS – PROJECT #1483"

ATTACHMENT #2 - OMCI TAX PROGRAM APPLICATIONS UPDATE

MEMORANDUM DEPARTMENT OF PUBLIC WORKS

TO: Todd Thompson, Chairman – Commission on Storm Water Issues
FROM: Sinan Alpaslan, Director of Public Works, Staff Liaison to Commission
DATE: February 26, 2021
RE: Metropolitan St. Louis Sewer District (MSD) Operations, Maintenance and Construction Improvements (OMCI) Tax Funding utilization update

As discussed at our last regular monthly meeting, 2021 OMCI stormwater project reimbursement program applications are available to submit quarterly in the calendar year. The next available submittal deadlines are as follows:

- 1) May 7, 2021
- 2) August 6, 2021
- 3) November 5, 2021

Eligible project types include the following: storm sewer and inlet construction; drainage improvements; streambank stabilization and erosion control project; clearing under bridges or cleaning detention basins; stormwater planning or engineering costs; and other stormwater related expenses as determined appropriate by MSD to address drainage, flooding, and erosion issues. Activities for Municipal Separate Storm Sewer System (MS4) permit compliance and routine maintenance are not considered eligible.

For 2021 the funds available to the City of University City for stormwater projects are:

- Deer Creek OMCI: \$32,998
- University City OMCI: \$179,193

Please see the attached map showing the watershed limits for project location eligibility under either funding stream listed above.

The two projects that our Commission has examined for possible eligibility under the OMCI tax program are 1) Lewis Park drainage problem due to overflow from Delmar Blvd. (University City OMCI), and 2) 8444 Old Bonhomme Rd. drainage problem due to system size (Deer Creek OMCI).

After our February Commission meeting, I contacted the program manager at MSD and discussed the projects for eligibility. Both projects are eligible but conceptual work is advised to complete on the projects, which will include coordination with other jurisdictional agencies such as St. Louis County and MSD in order to establish division







of responsibilities for project execution as well as operations and maintenance once complete.

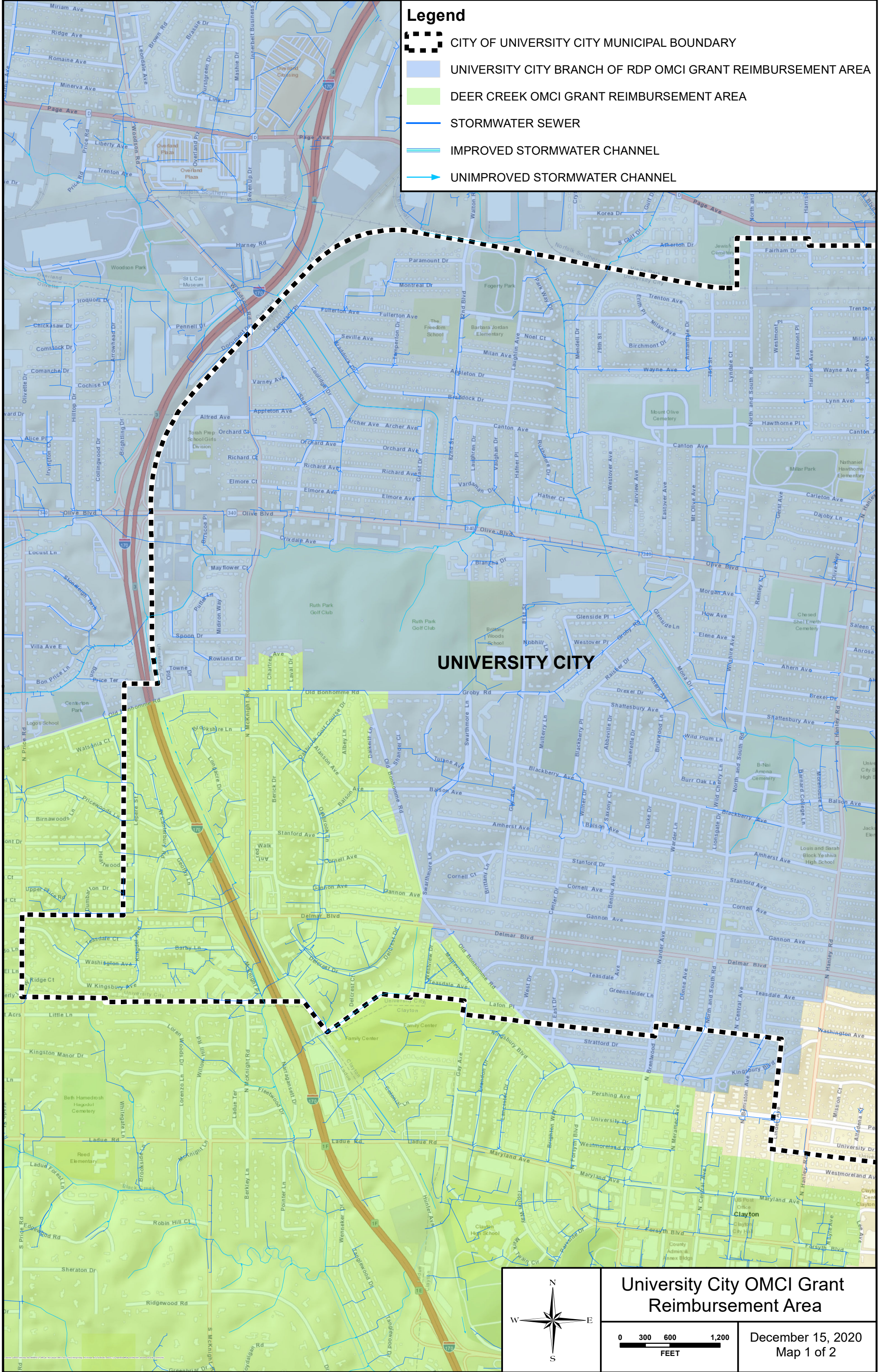
I have a discussion scheduled with the City's on-call engineering firm Cochran to complete concept work up to start of preliminary design in each project and plan to be ready with that material to submit the projects for MSD's approval consideration as of the 2nd OMCI review of the calendar year by May 7, 2021. I intend to request OMCI reimbursement to include the cost for engineering and construction of the projects and preliminarily estimated the project costs at \$90,000 and \$300,000, respectively. The estimated cost of the 8444 Old Bonhomme Rd. project exceeds the available funding for 2021 by a lot due to its location in the Deer Creek OMCI; however, after further review of the methods applicable for a solution, there may be options to reduce this cost.

Please advise of any comments and revisions to this plan as the Commission deems necessary for the OMCI project reimbursement applications.

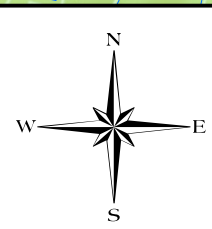
Attachment: University City OMCI Grant Reimbursement Areas Map

Legend

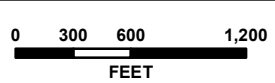
-  CITY OF UNIVERSITY CITY MUNICIPAL BOUNDARY
-  UNIVERSITY CITY BRANCH OF RDP OMCI GRANT REIMBURSEMENT AREA
-  DEER CREEK OMCI GRANT REIMBURSEMENT AREA
-  STORMWATER SEWER
-  IMPROVED STORMWATER CHANNEL
-  UNIMPROVED STORMWATER CHANNEL



UNIVERSITY CITY









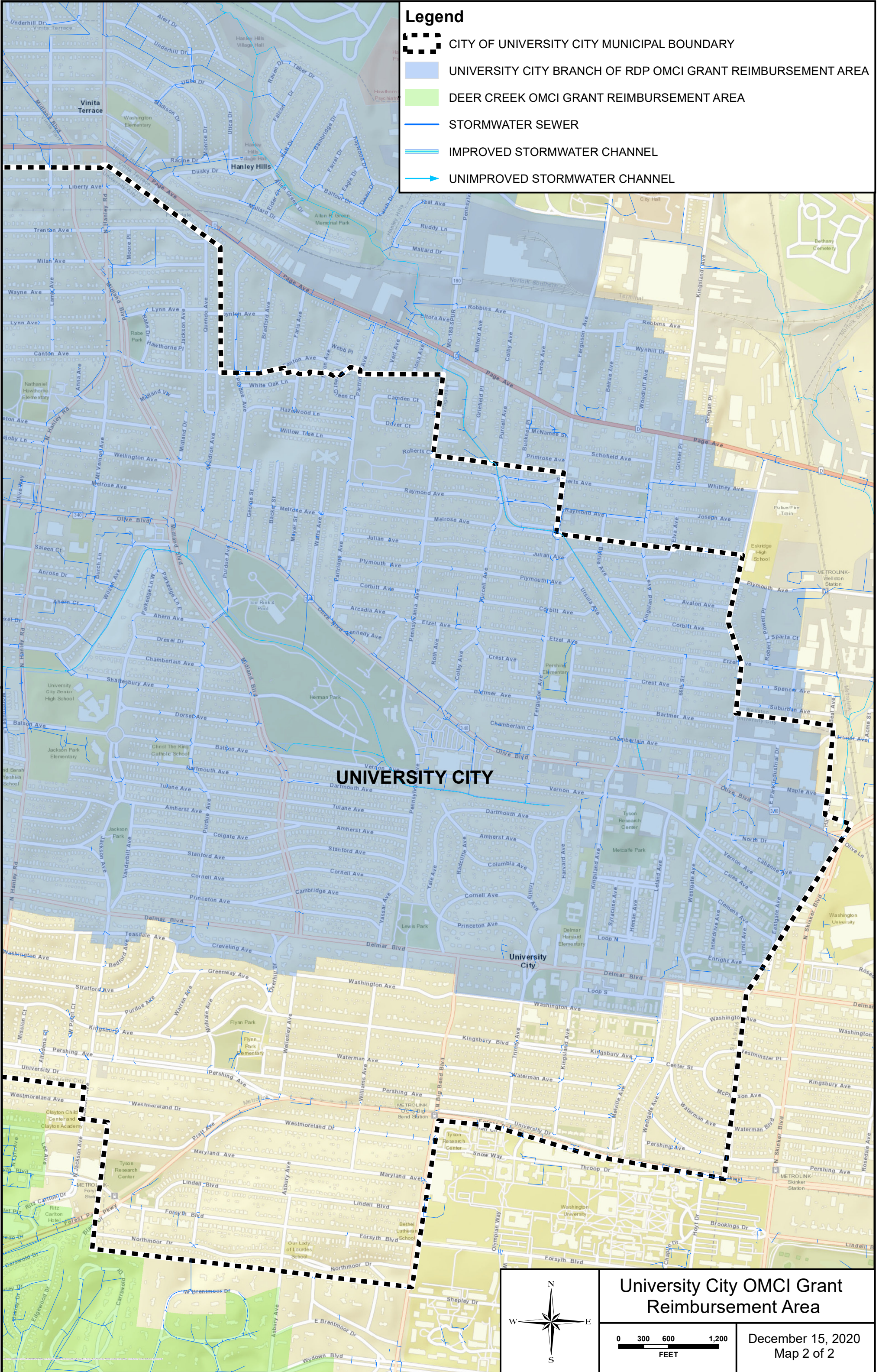
University City OMCI Grant Reimbursement Area



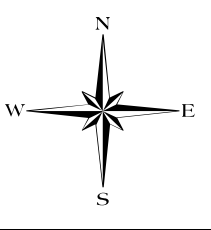
December 15, 2020
Map 1 of 2

Legend

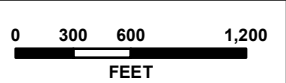
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UNIVERSITY CITY



University City OMCI Grant Reimbursement Area



December 15, 2020
Map 2 of 2