CITY OF URBANA, ILLINOIS
PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION

MEMORANDUM

TO: **Mayor Diane Wolfe Marlin and Members of the City Council**

FROM: **William R. Gray, Public Works Director**
Bradley M. Bennett, Assistant City Engineer
Justin Swinford, Civil Engineer II

DATE: **September 21, 2017**

RE: **Intergovernmental Agreement for Sanitary Sewer Modeling Services**

Action Requested

Approval authorizing the Mayor to execute an Intergovernmental Agreement for the cooperation and cost-sharing by the Urbana & Champaign Sanitary District, the City of Champaign, and the City of Urbana for sanitary sewer modeling services.

Background Information

The Intergovernmental Joint Sanitary Sewer Technical Committee (JSSTC) was established in 1992 for the member agencies to work cooperatively on technical issues in the communities tributary to the Urbana & Champaign Sanitary District (UCSD). While these communities (such as the City of Urbana) do not maintain an IEPA permit to treat and discharge wastewater, they do operate jointly under the UCSD permit and are responsible for aiding UCSD to meet the requirements of the IEPA permit. One such requirement is to create a Capacity, Management, Operations, and Maintenance plan (CMOM).

Sewer modeling is a very effective tool for completing a CMOM plan, as it will allow for accurate calculations of the existing capacity of the sanitary sewer system. Sewer modeling will also help to measure the impact of inflow and infiltration on the sewer system due to rainfall events and determine where improvements can be made to reduce this excess flow. Finally, a sewer model will be used to determine the impact of future development on the sanitary sewer system and identify areas where additional capacity will be needed prior to the construction of such developments.

A sub-committee of the JSSTC completed a selection process for sewer modeling software, considering several factors, such as the existing sewer data format. All members of the JSSTC cooperatively map sanitary sewers using ArcGIS through the Champaign County GIS Consortium. For this reason, and with input from the Champaign County GIS Consortium, the sub-committee selected InfoSWMM, a product from Innovyze, Inc. InfoSWMM is a sewer modeling platform that works interactively with ArcGIS software and will allow for an efficient use of the City's existing sanitary sewer database.

The City of Urbana, UCSD and the City of Champaign each purchased this software separately with the intent to coordinate sewer modeling efforts. Additionally, an Intergovernmental Agreement is proposed that would allow for these agencies to jointly hire Innovyze, Inc. to provide sewer modeling services, data analysis, and software training. A complete description of the services included in this one-time purchase is included in the Exhibit attached to the Intergovernmental Agreement. After the initial model buildout, each agency will be responsible for maintaining its own sewer model and software license.

The proposed Intergovernmental Agreement establishes the cost-share for the sewer modeling services and authorizes UCSD to hire Innovyze, Inc. and charge the City of Champaign and the City of Urbana for their respective portions of the cost.

Financial Impact

Each agency has agreed to hire Innovyze, Inc. to complete the initial model buildout for a fee of $42,000 to provide the services presented in the Exhibit to the Intergovernmental Agreement. The cost share for the work performed by Innovyze shall be 1/2 UCSD ($21,000), 1/3 City of Champaign ($14,000), and 1/6 City of Urbana ($7,000). UCSD will pay the entire invoice and be reimbursed by each city within ninety (90) days of a bill from UCSD.

Funds were budgeted for this purchase in Fiscal Year 2017-18 under Sewer Database Expenses. There are sufficient funds available in that budget line item for this purchase.

Recommendations

It is recommended that the resolution authorizing the Mayor and Clerk to sign the Intergovernmental Agreement for Sanitary Sewer Modeling Services be approved.

Attachments:

A. Intergovernmental Agreement for Sanitary Sewer Modeling Services
B. Resolution Approving an Intergovernmental Agreement for Sanitary Sewer Modeling Services

INTERGOVERNMENTAL AGREEMENT

THIS INTERGOVERNMENTAL AGREEMENT (hereinafter, "IGA") made and entered into this ___ day of ____, 2017, by and between the URBANA & CHAMPAIGN SANITARY DISTRICT, a municipal corporation, hereinafter referred to as "UCSD", and the CITY OF URBANA, a municipal corporation, hereinafter referred to as "City of Urbana", and the CITY OF CHAMPAIGN, hereinafter referred to as "City of Champaign", (collective, the "Parties").

WITNESSETH:

WHEREAS, Section 10 of Article VII of the Illinois Constitution of 1970 and the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/1 et seq. enables the parties here to enter into agreements among themselves and provide authority for intergovernmental cooperation; and,

WHEREAS, UCSD operates under a National Pollution Discharge Elimination System Permit (hereinafter, "NPDES"). Special Condition 16 provided in NPDES requires UCSD to work toward the goal of zero overflows or basement backups; and

WHEREAS, the United States Environmental Protection Agency has mandated UCSD to develop a Capacity, Management, Operations, and Maintenance (hereinafter, "CMOM") plan. In fulfillment of the capacity assessment portion, UCSD has chosen to model portions of the sewer system; and

WHEREAS, communities tributary to the UCSD treatment facilities must periodically attest to unused capacity in their sewer system; and

WHEREAS, sanitary sewer system modeling is beneficial in providing assessments of the system's existing performance, operational issues, hydraulic restrictions, high infiltration and inflow areas, and potential impacts of development on sanitary sewer system capacity; and

WHEREAS, sanitary sewer system modeling must be developed cooperatively since the communities' sanitary sewer systems are interconnected with UCSD's system; and

WHEREAS, the Intergovernmental Joint Sanitary Sewer Technical Committee (hereinafter, "JSSTC") was established in 1992 to work cooperatively to address common problems and technical issues in the communities tributary to the UCSD; and

WHEREAS, the JSSTC has formed a modeling subcommittee that has met quarterly and will continue to meet on at least an annual basis. The subcommittee is charged with developing and maintaining a sewer model; and

WHEREAS, the communities tributary to the UCSD already map system components cooperatively using ArcGIS through the Champaign County Geographic Information System (GIS) Consortium; and

WHEREAS, the Parties seek to enter into a cooperative arrangement in order to undertake the sanitary sewer system modeling project contemplated in this IGA.

NOW THEREFORE, IT IS AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

A. The foregoing recitals are made a part of this agreement.

B. The JSSTC, with input from the Champaign County GIS Consortium, has selected Innovyze InfoSWMM, a modeling platform that works interactively with ArcGIS for sanitary sewer modeling.

C. The UCSD, CITY OF CHAMPAIGN, AND CITY OF URBANA have purchased the Innovyze InfoSWMM software, Each Party shall be responsible for their own service and support of the software.

D. The UCSD is designated as the maintainer of the master model data set but the CITY OF CHAMPAIGN and the CITY OF URBANA shall be permitted to maintain their own model data sets on local servers in their organizations.

E. The Parties shall retain ownership of the data that they provide. Each Party will only be allowed to edit their own datasets.

F. The Parties shall provide the input data needed for the model. Members shall provide model input data with the goal of providing 60% of the required model data for manholes and pipes owned by them within 5 years from the date of this IGA.

G. The Parties agree to fund the initial model buildout by hiring Innovyze for a fee of $42,000 to provide the services presented in the attached Exhibit. The cost share for the work performed by Innovyze shall be 1/2 UCSD ($21,000), 1/3 City of Champaign ($14,000), and 1/6 City of Urbana ($7,000). The UCSD will pay the entire invoice and be reimbursed by each city within ninety (90) days of a bill from UCSD to the city indicating the sum due as provided in this paragraph.

H. Notice given hereunder shall be given to:

The UCSD at:
Executive Director
Urbana & Champaign San. Dist.
P. O. Box 669
Urbana, IL 61803

City of Urbana at:
Director of Public Works
City of Urbana
706 South Glover Avenue
Urbana, IL 61802

City of Champaign at:
Director of Public Works
City of Champaign
702 Edgebrook Dr
Champaign, IL 61820

Notice shall be deemed effective:

1. If given by First Class Mail, four (4) days after placement with the U.S. Postal Service if placed in a properly addressed and stamped envelope.

2. If given by facsimile, the day after transmission if the sender's facsimile machine provides a printed receipt that the recipient's machine received the transmission.

3. If given by courier service, the day after delivery if the courier service provides, whether in hardcopy or electronically, a receipt stating that delivery was made.

I. In the event either party to this Agreement defaults (the "Defaulting Party") on any of its obligations provided in this Agreement, the other party (the "Non-Defaulting Party") shall have the right to give the Defaulting Party notice of any such default. All Notices of Default shall be in writing, describe the nature of the default and specify the paragraph of this Agreement or the exhibit designation and paragraph therein claimed to be in default. The Defaulting Party shall have seven (7) calendar days in which to (i) cure the default, (ii) provide a written statement to the Non-Defaulting Party which explains why the Defaulting Party is not in default; or (iii) provide the Non-Defaulting Party with a reasonable timetable in which to cure the default if the same cannot be cured within the said seven (7) calendar-day period.

J. In the event of a dispute between the parties regarding any terms provided for in this Agreement or any exhibit attached hereto and made a part hereof or the performance of any obligation provided for in this Agreement, the parties shall meet face-to-face in an effort to resolve their dispute. If such face-to-face resolution effort fails, the parties to this Agreement shall agree to and shall participate in good faith in mediation. Should mediation fail, either party shall have the right to file and maintain an action in the Circuit Court for the Sixth Judicial Circuit, Champaign County, Illinois seeking the relief which the filing party deems appropriate. Any dispute regarding the construction, interpretation or application of any term contained in this Agreement or any exhibit appended hereto and any breach hereof shall be governed by the laws of the State of Illinois and City of Urbana ordinances.

K. This Agreement shall become effective on _____ and shall be operative for a period of one (1) year from such effective date and , unless terminated at the expiration of such one (1) year period by any party giving ninety (90) days advance notice in writing to the other parties, this agreement shall continue upon the same terms and conditions for an additional term of one (1) year and so on from year to year thereafter until and unless terminated by any party giving the other parties ninety (90) days advance notice of the termination in writing.

IN WITNESS WHEREOF, the parties hereto have set their hand and seal the day and year first written above.

URBANA & CHAMPAIGN SANITARY DISTRICT

By:_____
Its President

ATTEST:

By:_____
Its Clerk

APPROVED AS TO FORM:

_____
UCSD Attorney

SEAL

CITY OF CHAMPAIGN:

By:_____
Its _____

ATTEST:

By:_____
Its _____

APPROVED AS TO FORM:

_____
City Attorney

SEAL

CITY OF URBANA:

By:_____
Diane Wolfe Marlin-Mayor

ATTEST:

By:_____
Charles A. Smyth - Clerk

APPROVED AS TO FORM:

_____
Jim Simon -City Attorney

SEAL

Innovyze
605 E. Huntington Dr., Suite 205
Monrovia, CA 91016

April 7, 2017

Mr. Rob Schaffer, PE
Project Engineer
Urbana and Champaign Sanitary District
1100 E. University Avenue
Urbana, IL 61803

RE: Letter Proposal for InfoSWMM Hydraulic Model Implementation Services

Dear Mr. Schaffer:

This letter proposal is provided at your request. We understand the Urbana and Champaign Sanitary District (District) is interested in the development of an updated wastewater collection system model, and interested in contracting with Innovyze Implementation Services for said model development. Innovyze is pleased to provide this proposal to meet this goal.

Based on a preliminary review of the available data, we have listed steps to project completion and associated deliverables. Each of these sections is described in detail as attached. The software to be used in the hydraulic modeling is the latest version of InfoSWMM.

Task	Lump Sum Cost	Duration*
1: Existing Systems Review	$11,000	20 BD
2: InfoSWMM Model Build from GIS	$9,000	15 BD
3: Model Develepment and Validation	$12,000	40 BD
4: Project Summary Report, MUM, and Knowledge Transfer	$10,000	25 BD
5: Basic InfoSWMM Training	--	--
Total	**$42,000**	**100 BD**

*Innovyze time only, does not include District's time; BD – Business Days.

Upon receipt of your authorization and the requested information, we can complete the project within four months for a lump sum fee of **$42,000.** This schedule assumes that all of the District's reviews will be conducted and replied to within five day periods.

We appreciate your consideration of this proposal. Should you have any questions, please don't hesitate to contact me, Libby Cavanaugh at (414) 615-1975 or project manager Kevin Trott at (626) 568-6812. We look forward to hearing from you soon.

Very Truly Yours,

Erick Heath
Vice President
Director of Sales and Client Relations
Innovyze
Phone: (626) 568-6855

InfoSWMM Model Build

The objective of this project is to build an accurate working InfoSWMM model for the District's wastewater collection system using GIS pipe and node information and other available pump, wet well, and outlet data.

The following information is assumed to be available and will be used in the development of a new hydraulic model of the District's wastewater collection system.

Information Available:

A. Sewer GIS data in geodatabase format: The sewer GIS consists of hydraulic infrastructure data including the following layers: manholes (rim elevation, diameter, shape, depth), network structures (lift stations, treatment plants), connections, force mains (diameter, material), and gravity mains (invert elevations, diameter, material). Other data related to infrastructure facilities that is desired to be included in the models shall be flagged as such by District staff.

   Note: All input data will be flagged with its original data source. Where data is necessary but not available from the GIS, Innovyze will assume values and they will be flagged as "assumed". A report of all instances where Innovyze assumed data will be provided to the District.

B. Non-GIS Data: Other non-GIS data is necessary for model construction and will be provided by the District. This includes various SCADA data, detailed drawings of all pumps and lift stations, pump curves for all pumps, detailed facility layouts of wet wells, operational control points, and possibly additional data to be determined.

C. Geocoded Loading Information: This data will be used to assign the Dry Weather flows to the model. Loading information may be included in a point shapefile or a parcel shapefile.

D. Other GIS Data Layers: This data will be used as reference data to provide more realistic models and includes land use polygons, streets, parcels, buildings, waterways, and other data desired for inclusion to the models by the District.

Task 1: Existing Systems Review

At the outset of the project, Innovyze will schedule a kickoff meeting via conference call. The key goals of this meeting are to:

- Introduce the Innovyze project manager and team.
- Review project objectives, scope and schedule.
- Review/exchange updated sanitary sewer system data, GIS data files, available model information, and related documentation.
- Identify and clarify current and future uses of the hydraulic models.

Following the kickoff meeting, Innovyze will perform a thorough review of the District's GIS and other available data, focusing on connectivity, attributes, and suitability of bringing the existing pipe and node data into InfoSWMM. To achieve a sustainable, repeatable GIS-to-model connection, the District's GIS data may require revisions to support hydraulic modeling. Task 1 will result in the identification of any revisions that may be needed, and allow an opportunity for the District to address those revisions.

The review will consider the various facilities in the GIS including mains and manholes. The review will also examine the existence of unique IDs for features in the models. Existing data fields in the GIS will be

reviewed and a list of fields to be imported to the new models plus any additional fields that are recommended for future use will be generated.

The Task 1 review will include the following:

- Unique IDs. Unique identifiers are mandatory for a hydraulic model and should be a non-changing and non-indexed field.
- Connectivity. The GIS data will be evaluated against strict hydraulic modeling requirements. This step is crucial in the development of a sustainable GIS-model connection. Connectivity issues typically include: pipes that cross but do not connect, tees that do not break perpendicular lines, parallel and potentially duplicate pipes and nodes, orphan nodes (no connecting pipes), orphan pipes (no connecting nodes), and partial connectivity (each pipe must have one upstream and one downstream "connected" node).
- Element Definitions. For example, check valves are typically stored in GIS as a node where in a model they are stored as an attribute of a pipe.
- Pipe Directionality. When connecting to pumps or control valves, each element must have at least one pipe in and one pipe out, and they must be in the proper direction.

A technical memorandum (TM1) will be provided summarizing any issues found in the GIS data and recommendations to address those issues. One or more shapefiles showing the exact location of connectivity problem areas will be created by Innovyze and provided to the District to simplify the review process.

The District will modify/revise their GIS information and resubmit the data to Innovyze for a second data review. Two reviews and two District checks are anticipated, but not necessarily required, and a minimum of one conference call will be held to enhance understanding of the District's modeling needs with respect to the GIS data. A second report (TM2) will be provided to document any remaining issues and actions that will be taken to resolve problems.

> Note – Connectivity issues discovered after the second data review will be corrected in the new model by Innovyze, and included in the documentation. During the final training workshop these remaining issues will be highlighted and discussed, and Innovyze will provide guidance on addressing similar issues in the future.

Once the final GIS data set is provided, as agreed upon by Innovyze and the District, Task 1 will be considered finished and Task 2 will begin.

Task 2: InfoSWMM Model Build from GIS

Using the District's wastewater GIS data, a new InfoSWMM model will be created based upon current GIS lines and points. The InfoSWMM GIS Gateway feature will be utilized to set up GIS Exchange Clusters to import pertinent GIS data to the model database. Any outstanding connectivity issues discovered during this stage are typically minor, and will be fixed or addressed in the new model and documented as part of the final report.

Based on an inspection of the sewer GIS data, there may be a need to infer or assume missing data that is required for the hydraulic simulation engine to solve. This could include missing pipe diameters, and /or missing pipe inverts. Innovyze will utilize InfoSWMM tools, interpolation, and other modeling tools to address any data gaps found during the model build process. At least one conference call is anticipated to address missing data. All data that is assumed will be documented as part of the final summary report.

Pipe roughness (Manning's n for gravity sewers, and Hazen Williams C-factors for force mains) will be assigned an assumed value of n=0.013 or C=100 based on conversations with District staff. Additional instruction will be provided at the training workshop for populating Manning's n and C-factors based on pipe age, material, diameter, and lining.

Rim elevations will be assigned to the model nodes using the InfoSWMM Elevation Extractor and will be based on data provided by the District. Consultation will be provided regarding recommended data format and accuracy.

Dry weather flow (DWF) will be assigned to the model based a geocoded shapefile with loading assigned. The shapefile may be a point file or a polygon file. Utilizing the geocoded layer as a primary data source, the InfoSWMM DWF Allocator module will be used to allocate flows to the model nodes in a similar manner to the InfoWater demand allocation. Flows may be assigned use categories based on an available property or land use field, per instruction from District staff.

The necessary connections to GIS layers will be part of the delivered model file to support future automated model updates.

Sources of data in the new InfoSWMM model will be noted for tracking purposes. For example, new junctions where no existing feature exists in the GIS will be noted as "New Junction" in the InfoSWMM database so the District will know the information was not in the original GIS.

Task 3: InfoSWMM Model Build from GIS

Innovyze will populate the new model with non-GIS data. The District will support data requests from Innovyze by supplying paper maps, previous master plans, studies, and/or reports. Work items include:

- Digitizing individual pumps at lift stations
- Digitizing outlets
- Assigning boundary conditions to wet wells, outfalls, and lift stations

Innovyze will verify results of the InfoSWMM model with results from data supplied by the District. Verification will check that the new InfoSWMM model results reasonably agree with data provided by the District. There may be areas where close collaboration with District staff will be necessary to achieve proper model validation. Data to be referenced for this verification effort includes:

- InfoSWMM model created by Innovyze from the GIS and other data
- Excel spreadsheets containing measured flow and/or water level information

A draft version of the constructed model will be provided to the District for review and comment. Innovyze will arrange a web presentation to illustrate key model points. One set of edits will be completed based on comments from the review.

This scope of work does not include calibration, which is a much more intensive effort involving collection and analysis of field data and applied engineering knowledge. Once all data has been assigned to the model, it can simulate with no critical errors, and has a reasonably close agreement with any measured data provided, Task 3 will be considered complete and Task 4 will begin.

Task 4: Documentation and Knowledge Transfer

Innovyze will submit a project summary report describing all work completed, assumptions made, and recommended steps for future applications of the model. The report will be provided prior to the training workshop to allow review time by District staff. One set of edits will be completed following receipt of comments and a final report will be submitted.

The final report discussing the work done for the construction of the model will include information on:

- Datasets used and the fields imported from each dataset,
- Techniques used for importing data from the GIS into the model,
- Identification of what records were and were not included in the model,
- Areas where data in the model differs from that in the GIS,
- Techniques used to check the data and what kinds of corrections were made,
- List of data queries and query sets created to assist in the model build,
- Dry weather load allocation procedure, and
- Missing data that was assumed to achieve a running hydraulic model.

Innovyze will also create a Model Update Manual (MUM) to enable fast and reliable model updates. The update procedures will be created by an experienced Innovyze modeling specialist, and checked by a full QA/QC process to ensure clear instructions and successful use. The MUM will include the following six topics:

1. Preparing the model to be updated
2. Importing new features from GIS
3. GIS Connectivity Review
4. Updating existing features
5. Deleting abandoned features
6. Achieving a running model

Once the new model has been built, a half day hands-on training workshop will be held to transfer the new InfoSWMM model and review the model build process. The workshop will be attended in person by an Innovyze representative who will guide District staff through the procedures followed in the first three tasks. The workshop will also include testing of the GIS-model connection, and re-mapping required filenames and paths to support future model updates. Instructions on how to use many common InfoSWMM features will be provided by an approved Innovyze trainer. By the end of the workshop, District staff will have been exposed to the step-by-step process for future model updates.

Note – Innovyze will provide temporary InfoSWMM licenses as required for up to eight District trainees at no additional charge. The licenses will be able to run the District's InfoSWMM model.

Task 5: Basic InfoSWMM training.

Two days of hands-on instructor-led training for up to 8 people will be held at the District's office. The District will provide training facility, computers, and ArcGIS licenses for all trainees. Innovyze will provide training material, class lectures, example files, and temporary InfoSWMM licenses.

The Basic InfoSWMM course agenda will include (two days):

- InfoSWMM Product Overview
- Data model, software layout
- Creating an InfoSWMM model
- Working in the InfoSWMM Interface
- Dry Weather Flows
- Analysis Setup, Run and Viewing Results
- Analyzing Sanitary Systems and Applying RDII Flows
- Wet Weather Flows
- Scenario Management
- Water Quality
- Additional InfoSWMM Features
- Importing and exporting data

Deliverables:

- GIS Connectivity Review 1 report (TM1) and shapefiles
- GIS Connectivity Review 2 report (TM2) and shapefiles
- Project Summary Report
- Model Update Manual
- InfoSWMM model & database
- Workshop agenda & materials
- Temporary InfoSWMM licenses (as required for the one day workshop)

Exclusions:

The following items are not included in this scope of work:

- Wet weather flow allocation
- Creating more than one base scenario
- Calibration of the InfoSWMM model
- Field verification of modeling data
- Standard Innovyze software training class
- Purchase of InfoSWMM software licenses, upgrades, or support
- Verification of the accuracy of connections between pipes within the model that have been made during the model creation process
- Provision of computers and ArcGIS software for the Training Workshop

THE DELIVERABLES DEVELOPED HEREUNDER ARE BASED SOLELY ON THE DATA MADE AVAILABLE TO INNOVYZE. INNOVYZE HAS NO LIABILITY OR RESPONSIBILITY FOR ACCURACY, COMPLETENESS, OR CORRECTNESS OF ANY DATA PROVIDED. URBANA AND CHAMPAIGN SANITARY DISTRICT RECOGNIZES THAT THE ELECTRONIC DATA FILES MAY NOT BE ADEQUATE AND ARE SUSCEPTIBLE TO ERROR AND CORRUPTION.

Acceptance

I hereby authorize Innovyze to proceed with the project as described herein. Invoicing will be lump sum based on % complete per month.

Company: Urbana and Champaign Sanitary District

Authorized Signature: _____

Name: _____

Title: _____

Date: _____

RESOLUTION NO. 2017-09-065R

A RESOLUTION APPROVING AN INTERGOVERNMENTAL AGREEMENT

(Agreement for sewer system modeling)

WHEREAS, the City of Urbana, Illinois ("Urbana") and the City of Champaign, Illinois ("Champaign") are municipal corporations and a home-rule units of local government pursuant to Article VII, Section of the Illinois Constitution of 1970; and

WHEREAS, the Urbana & Champaign Sanitary District is a municipal corporation is a municipal corporation and a unit of local government ("Sanitary District"); and

WHEREAS, Section 10 of Article VII of the Illinois Constitution of 1970 and the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq*. enables Urbana, Champaign and the Sanitary District to enter into agreements among themselves and provide authority for intergovernmental cooperation; and,

WHEREAS, Urbana, Champaign and the Sanitary District seek to enter into an Intergovernmental Agreement appended hereto and made a part hereof which, if executed, will provide for joint modeling of the their sanitary sewer system (the "Agreement"); and

WHEREAS, Urbana, Champaign and the Sanitary District have determined that it would be advantageous to undertake a joint sanitary sewer remodeling project which, if undertaken, will benefit the health, safety and public welfare; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Urbana, Champaign County, Illinois, as follows:

Section 1.

An Intergovernmental Agreement by and between Urbana, Champaign and the Sanitary District for the joint modeling of sanitary sewers in substantially the form in the Exhibit appended hereto and incorporated herein by reference shall be and the same is hereby authorized and approved.

Section 2.

The Mayor of the City of Urbana, Illinois, shall be and hereby is authorized to execute on behalf of the City of Urbana, Illinois and deliver to the City Clerk of the City of Urbana, Illinois, for attestation the said Agreement in substantially the form appended hereto and made a part hereof.

PASSED BY THE CITY COUNCIL this ____ day of _____, _____.

AYES:

NAYES:

ABSTENTIONS:

_____
Charles A. Smyth, City Clerk

APPROVED BY THE MAYOR this ____ day of _____, _____.

_____
Diane Wolfe Marlin, Mayor