

PUBLIC HEARING NOTICE

The City of Troy will hold a public hearing on **June 11, 2020, at 6:15 pm** in Troy Municipal Building, 116 E. Market St., Troy, IL to provide interested parties an opportunity to express their views on the proposed Rebuild Illinois Public Infrastructure Grant (RIPI) project. All social distancing standards will be exercised, and masks are advised. The meeting will be accessible online by visiting **www.zoom.us** and entering **Meeting ID: 875 3153 3658**

The following link will take you to the meeting: **<https://us02web.zoom.us/j/87531533658>**

You may also join the meeting via telephone by using the following numbers:

One tap mobile +13017158592,,87531533658# US (Germantown)

+13126266799,,87531533658# US (Chicago)

Find your local number: <https://us02web.zoom.us/j/87531533658>

Persons with disabilities or non-English speaking persons who wish to attend the public hearing and need assistance should contact City Clerk Andrea Lambert (618) 667-9924 ext 513 no later than noon on June 11th, 2020. Every effort will be made to make reasonable accommodations for these persons.

On or about June 15, 2020, the City of Troy intends to apply to the Illinois Department of Commerce and Economic Opportunity for a grant from the Rebuild Illinois program. This program is funded by state funds as included in the 2019 Capital Bill. These funds are to be used for a community development project that will include the following activities: design engineering to provide upgrades and increased capacity to the City's wastewater treatment plant. The total amount of Rebuild Illinois funds to be requested is \$494,900. The City of Troy also proposes to expend \$515,100 in non-Rebuild Illinois funds on the project. These non-Rebuild Illinois funds will be derived from the following sources: Sewer Fund - \$515,100.

Information related to this project will be available for review prior to the public hearing as of June 4, 2020 by visiting www.troyil.us (lower left 'Troy News' section of the homepage) or scheduling to pick up documents at 116 E Market, Troy, IL, 62294 between the hours of 9am and 3pm by calling (618) 667-9924 ext 513. Interested residents are invited to provide comments regarding these issues either at the public hearing or by prior written statement. Written comments should be submitted to City Clerk Andrea Lambert at 116 E Market St, Troy, IL 62294 or alambert@troyil.us no later than June 11th, 2020 at noon in order to ensure placement of such comments in the official record of the public hearing proceedings. A plan to minimize displacement and provide assistance to those displaced has been prepared by the City of Troy and is also available to the public. This project will result in no displacement of any persons or businesses. For additional information concerning the proposed project, please contact City Administrator Doug Partney at (618) 667-9924 ext 501 or write to dpartney@troyil.us.

1. Project Summary

a. Linkage to a Regional Economic Development Plan, Redevelopment Plan, Site Reuse

Assessment or Market Study - The plant expansion is necessary for the community to grow. There are several areas within the City limits that have the potential for substantial growth in the next decade, none more so than the corridor along Route 40. There are currently plans to widen this corridor from two lanes to four, which will undoubtedly attract business. Without the planned upgrades to the treatment plant, this growth could not occur.

High functioning infrastructure is a draw for many industries and businesses. Studies show that the interaction terms between **infrastructure** capital and institutional quality show a positive and significant **impact** on **economic growth**. This project would be a step to increasing the viable economics for the City.

- b. **Site Potential**– The location of the new treatment facility is at the current treatment plant site, located west of the City. It was constructed in 1998 and the old treatment facility converted into the main lift station. The ground was purchased with the thought that should expansions be necessary, they could easily be accommodated at the existing site. The proposed expansion can be constructed on-site, with little disruption to the existing treatment facilities. Once the new process is complete, the older plant can be refurbished and reused. Much of the existing plant equipment has reached the end of its useful life. The operators of the facility have done an excellent job of maintaining the plant and still the facility produces an excellent effluent during dry weather. Due to the growth in the community, the plant has reached its hydraulic capacity and if not up-graded and improved, the City may face mandatory up-grades. Given the current unreliability of the existing equipment, the City has deemed up-dating the facility to be a high priority.

With respect to other areas within the City, the corridor along Route 40 contains substantial areas that are not developed, perhaps as much as 40% of the 4-mile span. We would expect that once the planned widening of Route 40 occurs, that significant commercial and industrial development would occur in this area. However, capacity must be available at the City's wastewater treatment plant for the development to occur.

Identify a specific business or tenant that is anticipated to utilize the site - The treatment plant is so located that it provides service to the majority of the community. Plans are underway to construct interceptors that will reduce some of the City's lift stations and provide sewer service to other un-sewered areas within the City.

The City treats the wastewater from the majority of all the residential, commercial and industrial sectors located within the corporate limits. Troy offers the lifestyle of a neighborhood community, while having quick and easy access to many of the cultural and entertainment activities available in the surrounding St. Louis Metropolitan area. As Troy continues its evolution from small town to growing center of population and economic activity, and as it continues to become increasingly suburbanized, the city must more formally identify the goals and objectives it wishes to achieve, the policies and programs it desires to put into practice to achieve these goals and objectives, and the implementation steps it will follow to do so. Improving the treatment facility is a benefit to all economic sectors of the City.

- c. **Relationship to Governor's Five-Year Economic Plan** – The Governor's Five Year Economic Plan, a strategy focused on supporting small business, developing the state's workforce, and investing to catalyze growth in six core industries: agribusiness and ag tech, energy, information technology, life sciences and health care, manufacturing, and transportation and logistics was developed in late 2019. Troy's humble beginnings started with just a band mill, storehouse, taverns, and housing. With the addition of a post office in 1833, and the National Road in 1839, Troy would become the first stagecoach stop for travelers to and from St. Louis. The City of Troy has always tried to stay ahead of the curve regarding their industries and logistics, all while still maintaining its home town charm.

The proposed project, while fringing on other categories of the Economic Plan, mainly addresses improving the wastewater treatment facility. The treatment plant was constructed in 1998 and employed much of the cutting-edge technology available at the time. The UV disinfection system, a safer alternative to chlorine, was one of the first in the state of Illinois. The oxidation ditches that treat the wastewater have consistently met effluent requirements. However, as there are increasing pushes to improve the Waters of the State, the effluent limits are becoming more stringent. The new treatment process, in addition to providing capacity for growth, will provide additional treatment, not only further reducing the organic matter that has traditionally been a concern, but also providing treatment for nutrients such as phosphorus and nitrogen. These improvements, combined with related improvements to the plant's sludge management system, while greatly benefit the surrounding environment. City of Troy officials and operators of the treatment plant have continually strived to maintain an environmentally sound, exceptional effluent and sludge product.

Beyond the environmental benefits, the capacity that the improvements will provide allow for progress toward nearly all of goals within the Economic Plan. The growth that will be available to the City by providing this capacity will allow for substantial additional commercial and industrial business, creating jobs both during construction and after completion. The access from Route 40 to Interstates 55 and 70 will allow the City to take advantage of its proximity to downtown St. Louis.

- d. **Minority Inclusion Plan** – As has always been the practice with projects, once the City receives the opportunity to proceed with the project, the specifications will include language such that the contractor is encouraged to seek out minority inclusion in all aspects of the project.
- e. **Impact Amplification** – Troy is located strategically for river access, housing, educational institutions, industry clusters, and agricultural supply chain infrastructure, given the close proximity to the St. Louis area. Upgrading the treatment plant will only be a positive impact on the economic and industrial sectors.
- f. **Established Footprint** – As has been stated earlier, the proposed footprint for the new facility will take place at the existing treatment plant site. Very little demolition will be necessary as the existing tankage and buildings will be repurposed. Piping will need to be modified, but the new treatment system can be constructed independently of the existing plant, lessening the potential of plant upsets or a deteriorated effluent. Access to the site is existing and minor modifications to the site pavement will be necessary.
- g. **Sustainable Energy Practices** – Water and wastewater systems are significant energy consumers with an estimated 3%-4% of total U.S. electricity consumption used for the movement and treatment of water and wastewater. These issues are growing in importance as water shortages, higher energy costs, higher material costs and an ever-changing climate become more prevalent.

Nutrient limits continue to spiral downward and electricity costs creep upward, and with an increased focus on carbon footprint and emissions, the wastewater industry needs to become more cognizant of the impacts of their activities on the social, environmental, and financial bottom lines. It has become a 'new normal' that WWTPs should be designed considering maximization of the resource and energy recovery. This new approach emphasizes a shift towards the energy neutral or even energy positive facilities. Following are some practices to employ sustainable energy practices.

Smaller horsepower equipment, can reduce ongoing energy consumption. A slightly higher capacity pump can be controlled by VFD's to address wet weather fluctuations. This increased capacity and improved controls would extend the pump's operations during lower flow periods and minimize usage of the higher horsepower pumps. As technology progresses, more and more energy equipment is now being utilized. During the design process, this energy efficiency of each piece of equipment will be evaluated to reduce energy costs.

The City and the design team will continue to look for opportunities to incorporate on-site renewable energy at the facility. After energy efficiency, renewable energy is another effective way to save money by reducing energy purchases. All renewable resources available within the community, including wind,

solar, water, and wastes generated on-site, may be considered as potential energy sources. This could be a way for the treatment plant to reach energy neutrality.



COMPETITIVE SHOVEL READY SITES GRANT PROGRAM GUIDEBOOK

REBUILD ILLINOIS

FUNDING OPPORTUNITY INFORMATION

This Application is for the use of state-funded Rebuild Illinois Shovel Ready Sites grant funds through the State of Illinois' Department of Commerce and Economic Opportunity (DCEO), Office of Community Development.

CATALOG OF STATE FINANCIAL ASSISTANCE (CSFA) NUMBER: 420-75-2380

CSFA TITLE: REBUILD ILLINOIS COMPETITIVE SHOVEL READY SITES GRANT PROGRAM

DCEO FUNDING OPPORTUNITY NUMBER: 91-2

DCEO FUNDING OPPORTUNITY TITLE: REBUILD ILLINOIS SHOVEL READY SITES GRANT PROGRAM

Applications must be submitted based on the published Guidebook. The Guidebook and required supporting documentation for the application can be found at: www.Illinois.gov/DCEO.

SHOVEL READY SITES GRANT PROGRAM

The State has allocated \$13,000,000 in Rebuild Illinois funds to the competitive Shovel Ready Sites (RISRS) component. A grant ceiling of \$2,000,000 per project has been established. Grants for less than \$250,000 will not be awarded. The Governor's Five-Year Economic Development Plan recognizes there are sites across Illinois with great economic development potential that require additional investment in order to become "shovel-ready." Redevelopment in infill locations can use vacant buildings, parking lots, empty schools, or other underused sites for new amenities and businesses near existing neighborhoods.

A minimum of \$1 million of RISRS funds will be spent for brownfield redevelopment. As defined by the Environmental Protection Agency, "a brownfield is a property, the expansion, redevelopment or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant." The property is usually abandoned in a blighted area, and often previously used for industrial or commercial purposes. Reusing sites protects public health and the environment by preventing sprawl, preserving green space and reinvigorating communities.

The objective of this program is to provide funding for projects that entail substantial improvements to an underused site in order to make it 'shovel ready' for future development and investment. When the project is complete, the site must be confirmed as available for sale and/or development, has appropriate zoning, boundary survey, clear title, environmental conditions, soil conditions, and infrastructure in place or engineer-planned. Photographs of the site after project completion must be included with closeout reporting.

Applications for the Competitive RISRS component may be made at any time after the Notice of Funding Opportunity is posted and until all available funding is exhausted. See Submission Information for details.

A. ELIGIBLE APPLICANTS

- ◆ Units of general local government recognized by the Illinois Constitution (i.e., cities, villages, townships and counties).
- ◆ Local Economic Development Organizations
- ◆ Local Non-Profits able to support project activities on a sufficient scale
- ◆ Private Company demonstrating the ability to coordinate the project and comply with all requirements.

All applicants must be registered and have completed the Internal Control Questionnaire (ICQ) for the current year available at: <https://grants.illinois.gov/portal/> **prior to application submission.**

B. ELIGIBLE USES

A project that qualifies for a Rebuild Illinois Shovel Ready Sites grant is a capital infrastructure project which will implement strategies to revitalize a specific area, setting the stage for future economic growth and development. Eligible project expenses are:

- ◆ Site acquisition
- ◆ Environmental site assessment (identification of potential remediation needs)
- ◆ Architectural planning and engineering design
- ◆ Site preparation and improvement (if not part of Remediation)
- ◆ Clearance
- ◆ Demolition and removal of buildings (as part of larger project and not part of Remediation)
- ◆ Rehabilitation, reconstruction or improvement of existing buildings
- ◆ Utility work
- ◆ Other bondable activities that ready the site for reuse that are not specifically disallowed.

All uses must comply with the Bondability Guidelines attached to the Notice of Funding Opportunity.

C. INELIGIBLE ACTIVITIES

The following are specifically identified as ineligible for grant funding:

1. Environmental remediation and clean-up activities.
2. Administration or Activity Delivery costs associated with the management of grant activities. However, reasonable Administration costs may be included as leverage/match to the grant funds.
3. Indirect costs, as this grant is funded through the Illinois Capital bill which excludes indirect costs.
4. Planning only projects (e.g., creation of regional economic development plans, downtown revitalization strategies, market studies, etc.)
5. Demolition only projects
6. Construction of buildings, or portions thereof, used predominantly for the general conduct of government (e.g., city halls, courthouses, jails, police stations).
7. General government expenses.
8. Costs of operating and maintaining public infrastructure and services (e.g., mowing parks, replacing street light bulbs).
9. Servicing or refinancing of existing debt.

10. Operational expenses.
11. Lease payments for rental of equipment or facilities.
12. Costs of staff or resident labor and material outside of project construction.
13. Expenditures to acquire or construct temporary facilities.
14. Purchase of automobiles, trucks, farm equipment, boats or rolling stock.
15. Livestock or laboratory animals.
16. Unpredictable or unusual legal expenses.
17. Costs for archaeological digs, research or exploration.

D. ADMINISTRATION or ACTIVITY DELIVERY

Rebuild Illinois Grants must comply with extensive regulations including procurement, environmental, labor standards, Illinois Works and others. Failure to comply will result in grant funds being repaid by the Grantee/Community. It is important that Grantees seek out an experienced Grant Administrator to manage all of the details of the grant, provide oversight and coordination of the project. This management process is called “Administration” or “Activity Delivery” and includes such costs as (but are not limited to) salaries, travel costs, services performed under third party contracts, including legal and audit services, environmental review, additional fidelity bonding costs or other services required for the delivery of grant activities. For a list of potential Grant Administrators, please go to: <https://www2.illinois.gov/dceo/CommunityServices/CommunityInfrastructure/Pages/default.aspx>

If selected to receive a grant, grantee must utilize an administrator that has demonstrable grant administration experience. DCEO will evaluate the selected administrator’s qualifications. Contracts for the purpose of securing services for administration/activity delivery must be procured unless the contract is with a Regional Planning Commission, Council of Officials, or Community Action Agency. If an applicant is awarded a grant, the grantee’s procurement process must be documented and kept with the grant files.

E. REQUIREMENTS AND DISCLAIMERS

The following requirements and disclaimers apply to all applications submitted for consideration.

1. Costs previously incurred (such as design) as well as costs incurred in preparation of applications are not reimbursable under this grant program.
2. The Department reserves the right to reject any or all applications received and/or negotiate or cancel in part or in entirety grants resulting from application awards if it is in the Department’s best interest to do so.
3. The Department reserves the right to establish the amount of grant funds awarded, raise the individual grant ceilings, and to award funds to the next highest rated applicant(s) should funds become available due to de-obligations, etc.
4. The Department reserves the right to deny funding when submitted applications involve entities with serious unresolved audit or monitoring findings related to performance.
5. The Department reserves the right to consider an outside technical review by an appropriate agency or agencies.

6. A grant agreement will be issued for a contract period of twenty-four months. All projects must be operational at the end of the twenty-four-month grant term. If circumstances beyond a grantee's control are apparent and impact the project, a grantee may apply for an extension, which may, or may not be granted. No more than one twelve-month extension may be considered.
7. Proposed projects (including the fund source, cost estimates, benefit, urgency, project area, and/or construction activities) supplied in the grant application submitted for funding must not be changed or modified prior to grant award or at the time the project is bid. If extenuating circumstances exist, the Grantee may submit a modification request after the receipt of its executed Grant Agreement.
8. Requests for Modifications must be presented to the Department prior to any changes being made to the project area, beneficiaries, cost estimates, or funded activities. All modifications must be within the original and environmentally-cleared project area. Requests for activities outside the original project area will not be considered. Modifications to decrease or increase the scope of work due to greater than or less than estimated costs will not be considered.
9. The use of in-kind services as additional funding is limited. Applicants must identify the specific tasks/services that will be performed or provided. Each task/service must be quantified by outlining the number of personnel assigned to the task and current payroll status; number of hours; and the hourly rate. Additionally, the qualifications of each individual to perform the assigned task/service (e.g., construction inspection) must be provided.
10. Applicants must comply with the standards set forth in 2 CFR 200.317-200.326 for use in establishing procedures for the procurement of supplies, services, and other expendable property, equipment, real property with Grant Funds.
11. For the purposes of this application and review, "Minority" or "Minority person" shall mean a person who is a citizen or lawful permanent resident of the United States and who is any of the following:
 - a. American Indian or Alaska Native (a person having origins in any of the original peoples of North and South America, including Central America, and who maintains tribal affiliation or community attachment).
 - b. Asian (a person having origins in any of the original peoples of the Far East, Southeast Asia, of the Indian subcontinent, including, but not limited to, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam).
 - c. Black or African American (a person having origins in any of the black racial groups of Africa).
 - d. Hispanic or Latino (a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race).
 - e. Native Hawaiian or Other Pacific Islander (a person having origins in any of the original Peoples of Hawaii, Guam, Samoa, or other Pacific Islands).
12. **No environmental review activities can take place until the applicant has received the Notice of State Award Finalist.** Once this Notice is received, the grantee will initiate the required early warning contact in accordance with State law.

13. If this project includes construction, a FEMA issued Floodplain Map must be included in the application. You can obtain this map by calling FEMA at 1(800) 358-9616 or by using their website: <https://msc.fema.gov>. The project area must be clearly drawn on the map prior to submission. The most current version available on <https://msc.fema.gov> must be used. Grant funds may not be used for any activity in an area delineated as a special flood hazard area in FEMA's most current flood advisory maps unless it also ensures that the action is designed or modified to minimize harm to or within the floodplain in accordance with Executive Order 11988 and 24 CFR 55.

F. STATE AND FEDERAL COMPLIANCE AREAS

Each applicant must agree to comply with all applicable federal and state requirements. **This includes 2 CFR 200 and the Grantee Accountability & Transparency Act (GATA).** These can have a significant impact on the costs and complexity of a project. Applicants who receive a grant award will be expected to submit signed assurances that they will comply with all federal mandates. Some areas which applicants must comply with include:

1. The Interagency Wetland Policy Act of 1989 In accordance with the Interagency Wetland Policy Act of 1989, an applicant whose proposed project site is located on or within 250 feet of a wetland site listed on the National Wetlands Inventory will be required to comply with the requirements of the Act. This includes: developing a plan to minimize adverse impacts on wetlands, or providing written evidence that the proposed project will not have an adverse impact on a wetland. Project must also comply with Federal Wetlands Protection regulations at 24-CFR 58.5(b)(2) and Executive Order 11990, which may require preparation of an Eight-Step Wetlands Review.
2. The Illinois Endangered Species Protection Act and the Illinois Natural Area Preservation Act Compliance requires consultation with the Endangered Species Consultation Program of the Illinois Department of Natural Resources to assure compliance. The consultation process must be implemented to avoid or minimize adverse impacts to State-listed species and their essential habitats that may result from the actions of state and local units of government. Applicants must certify the completion of the consultation process.
3. Illinois Prevailing Wage Act (820 ILCS 130/) requires the payment of prevailing wages for all construction funded in whole or in part with state funds, including funds passed through to private firms. Applicants that are awarded grants shall comply with all requirements of the Prevailing Wage Act, including but not limited to, inserting into all contracts for construction a stipulation to the effect that not less than the prevailing rate of wages as applicable to the project shall be paid to all laborers, workers, and mechanics performing work under the award and requiring all bonds of contractors to include a provision as will guarantee the faithful performance of such prevailing wage clause as provided by contract. Grantees will be required to report on Prevailing Wage Act compliance. If your project involves construction and/or equipment installation, go to <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevailing-wage-act.aspx> for more information.
4. Illinois Works Jobs Program Act Grantees must comply with requirements in the Illinois Works Jobs Program Act (30 ILCS 559/). : For grants with an estimated total project cost of \$500,000 or more, the grantee will be required to comply with the Illinois Works Apprenticeship Initiative (30 ILCS 559/20-20 to 20-25) and all applicable administrative rules. The “estimated total

project cost” is a good faith approximation at the time an applicant submits to the Department a grant application of the costs of an entire project being paid for in whole or in part by appropriated capital funds to construct a public work. The goal of the Illinois Apprenticeship Initiative is that apprentices will perform either 10% of the total labor hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less. Grantees will be permitted to seek from the Department a waiver or reduction of this goal in certain circumstances pursuant to 30 ILCS 559/20-20(b). The grantee must ensure compliance for the life of the entire project, including during the term of the grant and after the term ends, if applicable, and will be required to report on and certify its compliance.

5. Business Enterprise Program: For grant awards of \$250,000 or more, the grantee will be required to comply with the Business Enterprise Program for Minorities, Females, and Persons with Disabilities Act (30 ILCS 575/0.01 et seq.), which establishes a goal for contracting with businesses that have been certified as owned and controlled by persons who are minority, female or who have disabilities. The Department and the Capital Development Board will work with the grantee to ensure compliance prior to the establishment of the grant agreement as well as through the life of the grant.
6. Section 3 under the Housing and Urban Development Act of 1968 requires recipients to give, to the greatest extent feasible and consistent with the existing federal, state, and local laws and regulations, job training, employment, contracting and other economic opportunities to minority residents and minority business concerns.
7. Equal Opportunity and Fair Housing Accessibility Laws require that grantees administer their project in a manner that affirmatively furthers equal opportunity and fair housing. All grantees will be required to undertake specific activities to further fair housing and must assure all activities and services are accessible to persons with disabilities.
8. The National Emission Standards for Hazardous Air Pollutants (NESHAP) of the U.S. Clean Air Act assures that, when existing buildings are demolished and/or renovated, people outside of those buildings (i.e., passers-by or neighborhood residents) are protected from airborne asbestos. If asbestos materials are involved in the rehabilitation work, the applicant must contact the Field Operations Section, Bureau of Air of the Illinois Environmental Protection Agency to ensure compliance with Asbestos NESHAP.

G. RESIDENT PARTICIPATION *required only for units of local government that are committing local funds.*

A public hearing must be held prior to passage of a local council’s commitment of funds for the application. If a unit of local government **is not committing funds**, no public hearing or notice is required, and this section is not applicable.

Public Participation

- ◆ All applicants **must** provide for public participation. All residents must be given reasonable access to the community’s application and reasonable time to review the application prior to the public hearing.

Public Notice

- ◆ A Notice of Public Hearing **must** be published at least once in a newspaper of general circulation at least seven calendar days (excluding the date of publication *and* the date of the hearing) prior to the public hearing.
- ◆ All project information must be available for viewing on the first date of publication at a location within the community.

Conducting the Public Hearing

- ◆ Public Hearings must be facilitated by the applicant's governing body authorized official and certified by the authorized official or clerk.
- ◆ Efforts must be made to assure reasonable access to the public hearing by persons with disabilities; as well as be conducted in a manner to meet the needs of non-English speaking residents where a significant number of non-English speaking residents can reasonably be expected to participate.
- ◆ Those attending the public hearing must be informed of where and how to access a copy of the application.
- ◆ A sign-in sheet must be provided to document attendance. It is suggested that each person attending the public hearing provide his address and identify his role of participation (e.g., resident, elected or appointed official, municipal employee, contractor, grant administrator, business owner, etc.).
- ◆ The public hearing must cover:
 1. The amount of funds available;
 2. The project activities that will be undertaken with grant funding, including amount;
 3. The project activities that will be undertaken with additional project funding, including amount;
 4. Plans for minimizing displacement as a result of the grant-assisted activities and to assist persons actually displaced, if applicable;
 5. A detailed, prioritized list of community development and housing needs; and
 6. A narrative discussion of the scope of the project including the proposed improvements, costs, benefit area, impact on community finances, etc.
- ◆ The minutes of the public hearing must be certified by the chief elected official or other authorized local officials, such as county clerk, city clerk, etc.
- ◆ Subsequent to such meeting, a Resolution of Support from the local governing body must be passed that authorizes the local government to apply for funds.

Documenting Resident Participation

The following documents must be submitted with the application.

- ◆ 7-day Notice
- ◆ Newspaper Clipping
- ◆ Publisher's Certification
- ◆ Certified Minutes
- ◆ Attendance Sheet

If the publication guideline or public hearing requirements are not met, the application will not be reviewed further nor considered for funding.

A sample of a public hearing notice is contained in the Application Forms section.

H. INITIAL GRANTEE RESPONSIBILITY

Successful applicants will receive a **Notice of State Award Finalist (NOSAF)** specifying terms and conditions of the grant. This will include completion of a Programmatic Risk Assessment Questionnaire (PRAQ) to be answered by the Grantee, completion of Environmentals and other state requirements, and clearance of special conditions resulting from the application review. **Grantees are expected to complete all grant conditions within 90 days of the NOSAF date.**

Once terms are accepted, and the conditions met, the Grantee will receive a **Notice of State Award (NOSA)** which includes information regarding your entity, grant funding, grant terms and conditions, and specific conditions assigned to the grant based on the risk assessments. In order to receive the formal Grant Agreement, the Grantee must indicate agreement to the contents of the NOSA by remitting its acceptance through the grants portal.

I. REPORTING

Grantees will be responsible to complete multiple reports during the term of the grant, and potentially after the grant has closed. This will include but is not limited to quarterly financial and performance reports, closeout report, documentation of the project's impact including job creation, and a single audit.

J. APPLICATION NARRATIVE RESPONSES and INCLUSIONS

All applications must include the following narrative responses and requested documentation. Please utilize the Application Checklist contained in the Application Forms section to insure all required application components are included and for placement in the application submission.

1. **Letter of Transmittal** – must be dated, include the amount requested, a brief project description, and additional funding amount and source; and certify that the application has been approved by the entity named in the application. A sample letter of transmittal is available in the Application Forms section.
2. **State of Illinois-DCEO Uniform Grant Application** The Uniform Grant Application can be found at:
<https://www2.illinois.gov/dceo/CommunityServices/CommunityInfrastructure/Pages/default.aspx>
3. **Project Information** Basic details concerning the project (see Application Forms section for form.)
4. **GATA Capital Budget** The GATA Capital Budget can be found at:
<https://www2.illinois.gov/dceo/CommunityServices/CommunityInfrastructure/Pages/default.aspx>
5. **Engineer's Cost Estimate** (only necessary for projects that include construction)
 - ◆ Must be on company letterhead, include the date and the engineer's name
 - ◆ Be less than one year old

- ◆ Must match the costs contained in the GATA Capital Budget.

The Department reserves the right to deem the Engineer's Cost Estimate as "not included" for the following reasons:

- ◆ Engineer's cost estimate not contained in application
- ◆ Engineer's cost estimate not on company letterhead with engineer's name and date
- ◆ Engineer's cost estimate does not include a detailed breakdown of costs; and/or
- ◆ Engineer's cost estimate contains grossly-inflated costs.

6. Project Maps – The following maps must be included in the application submission.

- ◆ **A project location map** must be included in the application. It is expected to be sufficiently detailed to show the following information: 1) specific boundaries of the project area; 2) railroads, highways, interstates, towns/cities/villages (rural projects), county lines, and corporate limits. The project map must be suitable for reproduction and shall not exceed the page size of 11 x 17 inches. (Applicants may also submit blueprints or larger project maps as a supplement to their submission, if they deem necessary in order to show project details sufficiently.)
- ◆ **A FEMA issued Floodplain map must** be included in the application. You can obtain this map by calling FEMA at 1(800) 358-9616 or by using the website <https://msc.fema.gov>. The project area must be clearly drawn on the map prior to submission.

7. Location Photographs – a minimum of five 4" x 6" photographs that capture the current condition of the project location must be included.

8. Project Summary – should consist of an approximately two page narrative covering all key points of the proposed project to be funded, in part or in full, with RISRS grant funds. Describe what project is being proposed and why, the project area including legal boundaries if applicable, and address the following:

- **Linkage to a Regional Economic Development Plan, Redevelopment Plan, Site Reuse Assessment or Market Study** - Should consist of a narrative offering context for how the project relates to a current plan, assessment or study. In absence of an identified strategy, how the project relates to current economic needs.
- **Site Potential** - Identify the types of businesses this site would be suitable for based on the size, location, and present assets.
- **Identify a specific business or tenant that is anticipated to utilize the site** – If this project is planned in anticipation of a specific business or tenant locating on the site, identify the business, what assurances you have the business will come, projected occupancy date, and number of jobs that would be created.
- **Relationship to Governor's Five-Year Economic Plan** – In late 2019, DCEO released the Governor's Five Year Economic Plan, a strategy focused on supporting small business, developing the state's workforce, and investing to catalyze growth in six core industries: agribusiness and ag tech, energy, information technology, life sciences and health care, manufacturing, and transportation and logistics. Explain how this project relates to the principles, goals, challenges or key industries identified in the Governor's Five-Year

Economic Plan. The Plan can be found at:

<https://www2.illinois.gov/dceo/Pages/EconPlan2019.aspx>

- **Minority Inclusion Plan** – Provide a Plan or at minimum, a narrative on how minority and women-owned businesses in the area will be included in the project.
 - **Impact Amplification** – Is this project’s impact amplified by proximity or connection to other assets, such as mass transit, river access, housing, educational institutions, industry clusters, and agricultural supply chain infrastructure, i.e. facilities for aggregating, processing, storage, or distribution of agricultural products.
 - **Established Footprint** – Indicate if the project will take place on an established footprint and if demolition will be necessary; or if the construction will take place in an unimproved area and public infrastructure components (e.g. roads, water, sewer, utilities, etc.) will need to be completed.
 - **Sustainable Energy Practices** – Does this project include sustainable energy practices? In what way? What source is being utilized?
9. **Project Readiness Summary** – Each application must demonstrate that the proposed project is appropriate and achievable and that all actions have been completed to ensure timely implementation of the project. Specifically, the application must address all of the following, if applicable:
1. Status of required permit(s) from the state and or federal agencies. If not applicable, address why;
 2. The applicant must have full control of the right-of-way either by having 100 percent of the necessary private property easements signed or a right-of-way docket. If not applicable, address why;
 3. Identify the ownership of any property needed to complete the project (including option to purchase); and verify that the project will be shovel-ready; If not applicable, address why;
 4. Additional funding commitment(s);
 5. Status of written permission from railroad(s), county highway commissioners, IDOT, etc. to proceed with any railroad and/or road borings that are proposed. If not applicable, address why;
 6. If a "phased project," indicate the status of all pertinent readiness issues. In addition, the application should include supporting documentation, as appropriate.
10. **Job Creation Documentation** (form is found in the Application Forms section. The Engineer providing the Cost Estimate should assist in completing this form.)
11. **Minority Benefit/Affirmative Housing Statement** (see Application Forms)
12. **Signed Letters of Support** – from local governments, area elected officials and regional economic development organizations are strongly encouraged. Letters from other stakeholders are also welcome.
13. **Council Commitment of Funds**, applicable if a unit of local government is applying for grant funds and making a commitment of funds. An example can be found in the Application Forms section.

14. **Resident Participation Public Hearing Documentation**, if public funds are committed to the project. (see Application Checklist for a listing of **all required documentation** and a sample Public Hearing Notice)
15. **Applicant Certifications** as required for all State grants. (see Application Forms)
16. **Mandatory Disclosures** as required for all State grants. (see Application Forms)
17. **Conflict of Interest Disclosures** as required for all State grants (see Application Forms)
18. **APPLICABLE ATTACHMENTS** If applicable to the project, the following items must be attached with the application as backup documentation:

◆ **Firm Documentation of commitment from leveraging sources**

Leverage or match is not required to apply for grant funds, however, applicants are strongly encouraged to provide leverage/match to obtain maximum points on the application. Applicants are cautioned to investigate all funding sources and make a firm decision as to the source prior to submitting an application, as it is a binding commitment. Documentation necessary to provide evidence of additional funding includes:

- A current firm commitment letter from a FINANCIAL INSTITUTION must include: language which indicates that the loan will be approved and that the institution will lend subject to certain conditions; the specific dollar amount of the loan; the specific term of the loan (**not to exceed 10 years, and no balloon or adjustable rate language**); and the projected interest rate of the loan. The date of the commitment letter cannot be more than 12 months prior to application date.
- For projects which intend to secure funding from the ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA), the application must include a copy of the IEPA letter approving the community's Facilities Plan for wastewater system project or Project Plan for public water system projects. Loan funds are available for a maximum term of 30 years with interest rates historically below 3 percent.
- For projects which intend to secure bonds through the ILLINOIS FINANCE AUTHORITY (IFA), a copy of the Preliminary Resolution issued by IFA to indicate approval of the community's application for bond funds must be submitted.
- A firm commitment of funding from the UNITED STATES DEPARTMENT OF AGRICULTURE RURAL DEVELOPMENT (RD) must include all pages of an approved Form RD 1940-1, "Request for Obligation of Funds." Loan and grant funds are available with loans up to 38 years with interest rates generally 5 percent or lower. Applicants proposing to apply for RD funds may conduct the required income surveys and required public hearings at the same time.
- Units of Local Government proposing to use local sources (cash-on-hand, bonds, in-kind labor), must submit the following documentation, per source:
 - LOCAL CASH ON HAND - a local council or board resolution committing a specific dollar amount to the project, which identifies where the monies are located, must be included.
 - ISSUE REVENUE OR GENERAL OBLIGATION BONDS - a local council/board resolution approving the intent to issue bonds and specify a dollar amount.

- IN-KIND LABOR - the application must include a “schedule” which details the activities to be completed by its employees, their titles and hourly wages, and the projected number of hours needed to complete the activity. These figures should then be used to calculate the value of the in-kind labor.
- For Applicants identifying IL CAPITAL PROJECTS as the fund source, an internal review will be conducted by the Department to verify that the project is fully-approved; including an executed Grant Agreement; all conditions have been met; final Business Enterprise Program clearance has been obtained (if applicable); and that the initial sanctioned-percentage of funds has been disbursed.
- ◆ **Copy of Construction Permit(s)** (if applicable) Required permit(s) from the state and or federal agencies that are necessary to complete the project, or an application dated no later than April 30, 2020.
- ◆ **Proof of Land Ownership** (if applicable) Documented through deed, mortgage or lease.
- ◆ **Control of Right of Way/Easements** (if applicable) (see Easements in Application Forms)
- ◆ **Copy of Option to purchase** (if applicable) A copy of an option to purchase land
- ◆ **REQUIRED ATTACHMENTS** The following items must be attached to the Application:
 - ◆ **W-9**
 - ◆ **SAM Registration (CAGE #)** All grantees, sub-recipients and contractors participating in the Program are required to be registered in the System for Award Management (SAM) at www.sam.gov for the purpose of obtaining a Commercial or Government Entity (CAGE) Code. The CAGE Code is a unique identifier assigned to government agencies and various organizations. **CAGE codes provide a standardized method of identifying a given facility at a specific location. This documentation, for the grantee, must be submitted with the application.**
 - ◆ **IRS Certification Letter** Include in the application “Letter 147c” or “Letter 4158c” provided by the IRS to verify the Taxpayer Identification Number (TIN) or Federal Employer Identification Number (FEIN) for the applicant. If you do not have a current (dated within five years) copy of an IRS certification letter on file, please call the IRS Business line, **1-800-829-0115**, to request a “**Letter 147C**”, or call **1-877-829-5500** to request a “**Letter 4158c.**” Only the applicant is authorized to request a copy of this letter.

K. **APPLICATION REVIEW AND EVALUATION PROCESS**

The screening and review process for the program is designed to ensure that limited funds are awarded to communities that demonstrate the need for financial assistance and have a well-designed project. The actual number and types of awards will be subject to funding availability and the amount of each applicant's request.

The Department will review all applications as follows:

- ◆ Applications will be evaluated according to the Ranking Criteria described in this section of the application guide.

- ◆ Applications should meet a scoring threshold of 90 points in order to be funded. Applications with sufficient merit receiving less than 90 points may be considered for funding.
- ◆ The Department reserves the right to perform a site visit.
- ◆ Additional consideration will be given to ensure representation for each of DCEO's economic development regions.
- ◆ All recommendations are forwarded to the Director of the Department who makes the final funding decisions.

L. **RANKING CRITERIA**

Projects will be evaluated according to the criteria noted below.

◆ **Project Impact (from Project Summary) – Total Possible = 37.5 points**

The following criteria will be reviewed as part of the Project Summary, and will be eligible for up to 37.5 points:

- Linkage to a Regional Economic Development Plan, Redevelopment Plan, Site Reuse Assessment or Market Study
- Site Potential - what businesses would this site be suitable for
- Identify a specific business or tenant that is anticipated to utilize the site and what jobs will be created.
- Relationship to Governor's Five-Year Economic Plan
- Minority Inclusion Plan Strength of applicant's plan to include minority- and women-owned businesses in the project
- Amplification of the impact by proximity or connection to other assets
- Location on an established footprint
- Utilization of sustainable energy practices

◆ **Creation of Jobs – Total Possible = 15 points**

- ◆ **Construction Phase** – what jobs will be utilized during the construction phase of the project?

1-10 = 4 pts;

11-25 = 6 pts;

26-50 = 8 pts;

51-75 = 10 pts;

76-100 = 12 pts.

101+ = 15 pts

◆ **Community Benefit – Total Possible = 20 points**

- Inclusion in an identified DCEO Underserved area = 5 points
- Opportunity Zone – inclusion in an Opportunity Zone = 2.5 points
- Inclusion in an identified Enterprise Zone, TIF, or Empowerment Zone = 2.5 points
- **Current Community Unemployment Rate (from IDES)**

.5 - .9 points above State Rate = 2 pts;

1.0 – 1.4 points above State Rate = 4 pts;

1.5 – 1.9 points above State Rate = 6 pts;

- 2.0 – 2.4 points above State Rate = 8 pts;
- 2.5 or more points above State Rate = 10 pts;

- ◆ **Community Support** – In what ways will the community support this project? **Total Possible = 17.5 points**
 - Demonstration of support of local governments, area elected officials, regional economic development organizations, or other stakeholders. **Total Possible = 2.5**
Documentation: Letters of Support (.5 point each; maximum 2.5 points)
 - Financial Support of the Project from Local Public Funds (*funds provided by a local governmental body*)
 - 75% or more of project cost matched – 6 points
 - 50 – 74.9% of project cost matched – 5 points
 - 25 – 49.9% of project cost matched – 4 points
 - 0.9 (minimum of \$10,000 – 24.9% of project cost matched – 2 points
 - Less than 0,9% (minimum \$10,000) of project cost matched – 0 points
 - Financial Support of the Project from Funds Other than Local Public Funds (*funds provided by a non-local government (ex .IEMA, USDA), foundation, endowment, corporation, not-for-profit or other non-governmental group or organization*)
 - 75% or more of project cost matched – 9 points
 - 50 – 74.9% of project cost matched – 7 points
 - 25 – 49.9% of project cost matched – 5 points
 - 0.9 (minimum of \$10,000 – 24.9% of project cost matched – 3 points
 - Less than 0,9% (minimum \$10,000) of project cost matched – 0 points
- ◆ **Project Readiness** – Each application must demonstrate that the proposed project is appropriate and achievable and that all actions necessary for timely implementation of the project have been completed. If the application is funded, any action not completed at the time of application will be included in the Notice of State Award Finalist (NOSAF) as a special grant condition. All applicants will start with the **maximum 10 points**. A deduction of 5 points will be made for each of the following items **if they are applicable** to the project or application and not completed:
 - A copy of a current (dated within five years) construction permit from the appropriate state and/or federal regulatory agencies. must be submitted OR an application for the permit dated prior to April 30, 2020 from the appropriate state and/or federal regulatory agencies. must be submitted.
 - Proof of Land Ownership/Lease – Full control of property must be documented through deed, mortgage or lease, OR Copy of an option to purchase land. (Option must include price, date option expires and seller's signature).
 - Control of Right-of-Way – Full control of right-of-way must be documented either by having 100 percent of the necessary private property easements signed (see Application Forms) or by the submission of a right-of-way docket. If the Private Property Easements form, indicating 100% signed, or a Right-of-Way Docket is not submitted, or if the necessity of easements is not addressed.
 - Copy of Project Location Map .
 - Copy of Floodplain Map indicating project location.
 - Budget must add correctly.

- The percentage goal for minority contractors must meet or exceed the percentage of minorities residing in the project’s community or target area; whichever is greatest. (Information to be provided on the Minority Benefit/Affirmative Housing Statement contained in Application Forms section).
- **Additional Funding**
 - If source is a Financial Institution, the application must include a copy of the letter from the financial lending institution indicating approval of the loan, loan conditions, dollar amount, term (**not to exceed 10 years, and no balloon or adjustable rate language**), and rate of the loan.
 - If source is a Revenue Bond or General Obligation Bond, the application must include an executed Bond Inducement Resolution.
 - If source is the Illinois Environmental Protection Agency, the application must include a copy of the EPA letter approving the community’s Facilities Plan for a wastewater system project or Project Plan for a public water system project.
 - If source is the United States Department of Agriculture-Rural Development (USDA-RD), the application **must include all pages** of an approved copy of Form 1940-1.
 - If source is the Illinois Finance Authority, the application **must include a Preliminary Resolution** from IFA (to indicate approval of its funding request).
 - If source is Local Cash on Hand, the application **must include a Resolution Committing Local Funds**. It must indicate the name of fund/account in which cash is located.
 - If source is In-Kind Labor, the application must include a schedule detailing the employees’ activities and costs. If not submitted, or not fully met,
 - If source is State of Illinois Legislation for Capital Projects. There must be an Executed Grant Agreement on file; all grant conditions cleared; final Business Enterprise Program (BEP) clearance obtained (if applicable); and the initial sanctioned-percentage of funds disbursed. If not fully met, *Verification of project status will be handled internally*.
 - If multiple sources are used, **all** requirements for **all** sources must be included. Failure to do so will result in a deduction of points.

◆ **Failure to provide complete application information will result in a determination of “Do Not Fund”**

M. **SUBMISSION INFORMATION**

Under the Grant Accountability & Transparency Act (GATA), all applicants must register with the State of Illinois via the “Grantee Portal” at www.grants.illinois.gov and be pre-qualified prior to submitting an application. **Failure to register prior to application will result in a determination of “Do Not Fund”.**

All applicants should complete the application package and submit all requested material to the Department’s **Springfield** Office at:

Illinois Department of Commerce and Economic Opportunity
Office of Community Development
500 East Monroe Street, Mail Code: R-2
Springfield, Illinois 62701

Applications for the Competitive RISRS component may be made at any time after the Notice of Funding Opportunity is posted and until all available funding is exhausted. See Submission Information for details.

N. PACKAGING YOUR APPLICATION

All grant application materials **must** be:

- Typed (except for signatures and maps)
- Clipped together with a large binder clip on the top.
- Contained in three brown legal-size, open-top (no foldovers with cords or ties) expandable folders (One marked “original,” one marked “copy 1,” and one marked “copy 2”)
- Labeled with a 2”x 4” white label, placed in the top right-hand corner of the folder with the following information:
 - Name of Applicant
 - Rebuild Illinois Shovel Ready Sites
 - Original or Copy

For Example:

VILLAGE OF ABRACADABRA
Rebuild Illinois Shovel Ready Sites
Original

DO NOT USE: dividers, staples, binders, folders or other methods of containment.

Submit the original and two complete copies. Include all of the following:

- **All Application Materials** (Application Forms and documentation). *Please clearly label the original.*

NOTE: All application materials requiring a signature from the applicant must be signed by the Chief Elected Official if a unit of local government OR authorized official if other entity.

O. FOR FURTHER INFORMATION and TECHNICAL ASSISTANCE:

Call: 217/785-6174

E-Mail: ceo.ocd@illinois.gov

REBUILD ILLINOIS
SHOVEL READY SITES GRANT
APPLICATION FORMS

Shovel Ready Sites Application Submission Checklist

All applications will be screened for completeness. Applicants must complete and submit this checklist with the application. **All pages of the application must be sequentially numbered.** Use the right-hand column, labeled "Page Number" to indicate the page for each item.

- Original grant application (*indicate the "original" on the cover*)
- Two complete copies of the grant application

PROJECT INFORMATION

PAGE NUMBER

<input type="checkbox"/>	Completed Submission Checklist (This Page)		_____
<input type="checkbox"/>	Letter of Transmittal from Chief Elected Official		_____
<input type="checkbox"/>	State of Illinois-DCEO Uniform Grant Application		_____
<input type="checkbox"/>	Project Information		_____
<input type="checkbox"/>	GATA Capital Budget		_____
<input type="checkbox"/>	Engineer's Cost Estimate, if applicable		_____
<input type="checkbox"/>	Project Maps		_____
<input type="checkbox"/>	FEMA Issued Floodplain Map, if applicable		_____
<input type="checkbox"/>	Project Location photographs		_____
<input type="checkbox"/>	Project Summary		_____
<input type="checkbox"/>	Project Readiness Summary		_____
<input type="checkbox"/>	Job Creation Documentation		_____
<input type="checkbox"/>	Minority Benefit/Affirmative Housing Statement		_____

DOCUMENTATION, CERTIFICATIONS, RESOLUTIONS

<input type="checkbox"/>	Letters of Support		_____
<input type="checkbox"/>	Council Commitment of Funds (if applicable)		_____
<input type="checkbox"/>	Resident Participation/Public Hearings (if applicable)		_____
	7 day notice		_____
	Newspaper clipping & Publisher's certification		_____
	Certified minutes		_____
	Attendance sheet(s)		_____
<input type="checkbox"/>	Applicant Certifications		_____
<input type="checkbox"/>	Mandatory Disclosures		_____
<input type="checkbox"/>	Conflict of Interest Disclosure		_____

ATTACHMENTS

<input type="checkbox"/>	Firm documentation of commitment from leveraging source(s)		_____
<input type="checkbox"/>	Copy of Construction Permit(s)		_____
<input type="checkbox"/>	Proof of Land Ownership (if applicable)		_____
<input type="checkbox"/>	Control of Right of Way/Easements (if applicable)		_____
<input type="checkbox"/>	Copy of Option to Purchase (if applicable)		_____
<input type="checkbox"/>	W-9		_____
<input type="checkbox"/>	SAM Registration (CAGE #)		_____
<input type="checkbox"/>	IRS Certification Letter		_____

Letter of Transmittal

NOTE: This information must be transferred to the Applicant or Community's Official Letterhead

Date

Director's Office
Illinois Department of Commerce and Economic Opportunity
500 East Monroe
Springfield, Illinois 62701

Dear Director:

The (name of applicant) is submitting an application for a Shovel Ready Sites grant under the Rebuild Illinois program. The grant request is in the amount of \$_____ to be used to (use of funds). Additional funds in the amount of (amount of funds) to be used for the completion of the project will come from (source of funds).

I certify that this application meets the eligibility thresholds as outlined in the Notice of Funding Opportunity and Rebuild Illinois Guidebook.

Very truly yours,

(Signature of Chief Official)

Insert Uniform Grant Application here.
(see Application Forms section)

APPLICANT PROJECT INFORMATION
REBUILD ILLINOIS SHOVEL READY SITES

I. PROJECT LOCATION ADDRESS:

Street Address _____
 (required)

City _____ State _____ Zip Code _____

The project location will be utilized to verify inclusion in an opportunity zone and/or DCEO underserved area.

II. PROJECT BENEFIT:

Is this project located in an Enterprise Zone? Yes No

Is this project located in an Empowerment Area? Yes No

Is this project located in a Tax Increment Financing District? Yes No

What is the current unemployment rate of the County? _____ (from IDES Non Seasonally Adjusted, available at: https://www2.illinois.gov/ides/lmi/Pages/Local_Area_Unemployment_Statistics.aspx)

III. APPLICATION WRITER

CONTACT PERSON:

TITLE:

ADDRESS AND PHONE NUMBER:

Firm Name _____

Street Address _____ P.O. Box _____
 (required) (Only if no street address)

City _____ State _____ Zip Code _____
 (include + 4)

E-Mail _____
 (required)

BUSINESS PHONE: (_____) _____ FAX PHONE: (_____) _____

FEDERAL EMPLOYER IDENTIFICATION NUMBER: _____
 (required)

IV. **PROJECT ENGINEER**, (if applicable and selected)

CONTACT PERSON: _____

TITLE: _____

ADDRESS AND PHONE NUMBER:

Firm Name _____

Street Address _____

(required)

P.O. Box _____

(Only if no street address)

City _____

State _____

Zip Code _____

(include + 4)

E-Mail _____

(required)

BUSINESS PHONE: (____) _____

FAX PHONE: (____) _____

FEDERAL EMPLOYER IDENTIFICATION NUMBER: _____

(required)

Insert GATA Capital Budget here.

The GATA Capital Budget can be found in the Library on:

<https://www2.illinois.gov/dceo/CommunityServices/CommunityInfrastructure/Pages/default.aspx>

Insert Engineer's Cost Estimate here.

- ◆ Must be on company letterhead, include the date and the engineer's name
- ◆ Be less than one year old
- ◆ Must match the costs contained in the GATA Capital Budget.

The Department reserves the right to deem the Engineer's Cost Estimate as "not included" for the following reasons:

- ◆ Engineer's cost estimate not contained in application
- ◆ Engineer's cost estimate not on company letterhead with engineer's name and date
- ◆ Engineer's cost estimate does not include a detailed breakdown of costs; and/or
- ◆ Engineer's cost estimate contains grossly inflated costs.

Insert Project Location Map here.

- ◆ **A project location map** must be included in the application. It is expected to be sufficiently detailed to show the following information: 1) specific boundaries of the project area; 2) all integral components of the system being improved or constructed, including water tower, well, pump stations, existing water/sewer mains, proposed water/sewer mains, etc.; 3) railroads, highways, interstates, towns/cities/villages (rural projects), county lines, and corporate limits. The project map must be suitable for reproduction and shall not exceed the page size of 11 x 17 inches. (Applicants may also submit blueprints or larger project maps as a supplement to their submission, if they deem necessary in order to show project details sufficiently.)

Insert FEMA issued Floodplain Map here.

- ◆ **A FEMA issued Floodplain map must** be included in the application. You can obtain this map by calling FEMA at 1(800) 358-9616 or by using the website <https://msc.fema.gov>. The project area must be clearly drawn on the map prior to submission.

Insert Location Photographs here.

Location Photographs – a minimum of five 4” x 6” photographs that capture the current condition of the project location must be included.

Insert Project Summary here

The Project Summary should consist of an approximately two page narrative covering all key points of the proposed project to be funded, in part or in full, with RIREG grant funds. Describe what project is being proposed and why, the project area including legal boundaries if applicable, and address the following:

- **Linkage to a Regional Economic Development Plan, Redevelopment Plan, Site Reuse Assessment or Market Study** - Should consist of a narrative offering context for how the project relates to a current plan, assessment or study. In absence of an identified strategy, how the project relates to current economic needs.
- **Site Potential** - Identify the types of businesses this site would be suitable for based on the size, location, and present assets.
- **Identify a specific business or tenant that is anticipated to utilize the site** – If this project is planned in anticipation of a specific business or tenant locating on the site, identify the business, what assurances you have the business will come, projected occupancy date, and number of jobs that would be created.
- **Governor’s Five Year Economic Plan** – Explain how this project relates to the principles, goals, challenges or key industries identified in the Governor’s Five Year Economic Plan. The Plan can be found at: <https://www2.illinois.gov/dceo/Pages/EconPlan2019.aspx>
- **Minority Inclusion Plan** – Provide a Plan or at minimum, a narrative on how minority and women-owned businesses in the area will be included in the project.
- **Impact Amplification** – Is this project’s impact amplified by proximity or connection to other assets, such as mass transit, river access, housing, educational institutions, industry clusters, and agricultural supply chain infrastructure, i.e. facilities for aggregating, processing, storage, or distribution of agricultural products.
- **Established Footprint** – Indicate if the project will take place on an established footprint and if demolition will be necessary; or if the construction will take place in an unimproved area and public infrastructure components (e.g. roads, water, sewer, utilities, etc.) will need to be completed.
- **Sustainable Energy Practices** – Does this project include sustainable energy practices? In what way? What source is being utilized?

Insert Project Readiness Summary here

Each application must demonstrate that the proposed project is appropriate and achievable and that all actions have been completed to ensure timely implementation of the project. Specifically, the application must address all of the following, if applicable:

- ◆ Status of required permit(s) from the state and or federal agencies. If not applicable, address why;
- ◆ The community must have full control of the right-of-way either by having 100 percent of the necessary private property easements signed or a right-of-way docket. If not applicable, address why;
- ◆ Identify the ownership of any property needed to complete the project (including option to purchase); and verify that the project will be shovel-ready;
- ◆ Additional funding commitment(s);
- ◆ Status of written permission from railroad(s), county highway commissioners, IDOT, etc. to proceed with any railroad and/or road borings that are proposed. If not applicable, address why;
- ◆ If a "phased project," indicate the status of all pertinent readiness issues. In addition, the application should include supporting documentation, as appropriate.

MINORITY BENEFIT/AFFIRMATIVE HOUSING STATEMENT

<p>a. What is the percentage of the minority group(s) population residing in the community?</p> <p>Identify the characteristics of the population of the project area by specific ethnic group. This information may be obtained from the most recent Census Data for the “applicant community.” If submitting an “on behalf of” application for a project in an unincorporated area, use Census Data for the project’s County.</p>	<div style="border: 1px solid black; height: 30px; width: 100%;"></div> <p style="text-align: right; margin: 0;">%</p>
---	--

Racial Group	Total Persons	# of Hispanic / Latino Ethnicity
White		
Black/African American		
Asian		
American Indian/Alaskan Native		
Native Hawaiian/Other Pacific Islander		
American Indian/Alaskan Native and White		
Asian and White		
Black/African American and White		
American Indian/Alaskan Native and Black/African American		
Other Individuals Reporting more than One Race		
# of Female Headed Households		

<p>With the <u>exception of "Female Heads of Households"</u>, the above numbers should equal the total number of persons to benefit from the project ("targeted" area).</p>	
<p>b. What is the goal for the percentage of funded contracts to be awarded to minority contractors?</p>	<div style="border: 1px solid black; height: 30px; width: 100%;"></div> <p style="text-align: right; margin: 0;">%</p>
<p>c. If the percentage goal in <i>b</i> is <u>substantially less</u> than the percentage of minorities residing in the community, please explain. _____</p> <p>_____</p>	
<p>d. The applicant agrees to affirmatively further fair housing by posting Fair Housing Posters and by making HUD Fair Housing Complaint Forms available to the public. In addition, the unit of local government</p> <p><input type="checkbox"/> Already has a Fair Housing Resolution on file. (Indicate Number and Date Passed _____)</p> <p><input type="checkbox"/> If funded, will pass a Fair Housing Resolution.</p>	

Signature of Chief Elected Official: _____ **Date** _____

Insert Signed Letters of Support here.

RESOLUTION COMMITTING LOCAL FUNDS

Resolution No. _____

(The Resolution CANNOT be dated prior to the date of the Public Hearing)

WHEREAS, the City Council (County Board) of the City (County) of _____, Illinois has taken action to submit a Rebuild Illinois competitive economic development application,

WHEREAS, receipt of Rebuild Illinois grant assistance is essential to allow the City (County) of _____ to undertake the project to _____, (project description)

WHEREAS, criteria are such that financial participation by the grantee is required in conjunction with Rebuild Illinois funds, and

WHEREAS, the City (County) of _____ has certain monies allocated for the above-referenced project with cash on hand, as needed.

NOW, THEREFORE, BE IT RESOLVED THAT the City (County) of _____ does hereby commit funds from _____ **(account/fund)** for use in conjunction with a Rebuild Illinois Grant, such funds to equal _____% of the estimated total project cost of \$ _____, or \$ _____.

PASSED and APPROVED at its regular (special) City Council (County Board) Meeting, held on the _____ day of _____, _____. (date required)

Mayor (County Board Chairman)

ATTEST:

City Clerk (County Clerk)

PUBLIC HEARING NOTICE

Reasonable access to all available application materials must be provided where all persons within the community will have reasonable access (e.g., Village or City Hall or a public area such as a post office, web page, community center, bank, etc. located within the same county as the applicant) and shall be available for a reasonable amount of time to allow for response and comment.

(Applicant) will hold a public hearing on (date), at (time), in (place) to provide interested parties an opportunity to express their views on the proposed Rebuild Illinois Shovel Ready Sites Grant (RISRS) project. Persons with disabilities or non-English speaking persons who wish to attend the public hearing and need assistance should contact (name, address, and phone #) no later than (date). Every effort will be made to make reasonable accommodations for these persons.

On or about (date of application submission), (Applicant) intends to apply to the Illinois Department of Commerce and Economic Opportunity for a grant from the Rebuild Illinois program. This program is funded by state funds as included in the 2019 Capital Bill. These funds are to be used for a community development project that will include the following activities: (summary of proposed project). The total amount of Rebuild Illinois funds to be requested is \$(Amount requesting). The (Applicant) also proposes to expend \$(amount) in non-Rebuild Illinois funds on the project. These non-Rebuild Illinois funds will be derived from the following sources: (source(s) and amount).

Information related to this project will be available for review prior to the public hearing as of (date) at the office (location) between the hours of (office hours). Interested residents are invited to provide comments regarding these issues either at the public hearing or by prior written statement. Written comments should be submitted to (name and address) no later than (date) in order to ensure placement of such comments in the official record of the public hearing proceedings. A plan to minimize displacement and provide assistance to those displaced has been prepared by (Applicant) and is also available to the public. This project will result in (no displacement of any persons or businesses – or – displacement of the following persons and businesses [name and address]). For additional information concerning the proposed project, please contact (name, telephone number) or write to (person, address).

Insert Seven Day Notice of Hearing here.

The Notice of Public Hearing **must** be published at least once in a newspaper of general circulation at least seven calendar days (excluding the date of publication *and* the date of the hearing) prior to the public hearing. All project information must be available for viewing on the first date of publication at a location within the community.

***Insert Newspaper Clipping and Publisher's
Certification here.***

Insert Certified Minutes here.

The minutes of the public hearing must be certified by the chief elected official or other authorized local officials, such as county clerk, city clerk, etc.

Insert Attendance Sheets here.

A copy of the public hearing attendance sheet must be included as part of the resident participation documentation. It is suggested that each person attending the public hearing provide his address and identify his role of participation (e.g., resident, elected or appointed official, municipal employee, contractor, grant administrator, business owner, etc.)

APPLICANT CERTIFICATIONS

On this (date) of (month), (year), the (title and name of the Chief Official) of (name of the local government or entity) hereby certifies to the Department of Commerce and Economic Opportunity in regard to an application and award of funds through the Rebuild Illinois Grant that:

1. It confirms that no aspect of the project for assistance has or shall commence prior to the award of funds to the community and the receipt of an environmental clearance from the Department.
2. It will comply with the Interagency Wetland Policy Act of 1989 including the development of a plan to minimize adverse impacts on wetlands, or providing written evidence that the proposed project will not have an adverse impact on a wetland. . It confirms that Project must also comply with Federal Wetlands Protection regulations at 24-CFR 58.5(b)(2) and Executive Order 11990, which may require preparation of an Eight-Step Wetlands Review.
3. It will comply with the Illinois Endangered Species Protection Act and the Illinois Natural Area Preservation Act by completing the consultation process with the Endangered Species Consultation Program of the Illinois Department of Natural Resources, or providing written evidence that the proposed project is exempt.
4. It will identify and document all appropriate permits necessary to the proposed project, including, but not limited to: building, construction, zoning, subdivision, IEPA and IDOT.
5. No legal actions are underway or being contemplated that would significantly impact the capacity of the (name of local government) to effectively administer the program, and to fulfill the requirements of the program.
6. It will coordinate with the County Soil and Water Conservation District regarding standards for surface and sub-surface (tile) drainage restoration and erosion control in the fulfillment of any project utilizing Rebuild Illinois funds and involving construction.
7. It is understood that the obligation of the State will cease immediately without penalty of further payment being required if in any fiscal year the Illinois General Assembly or federal funding source fails to appropriate or otherwise make available sufficient funds for this agreement.
8. It acknowledges the applicability of Illinois prevailing wage rate requirements to construction projects; a wage rate determination must be obtained prior to commencement of any construction or equipment installation; and, it shall discuss these requirements with the contractor.
10. It will comply with OMB 2 CFR 200 and applicable areas of Illinois' Grant Accountability and Transparency Act (GATA).
11. The area, in whole or in part, in which project activities will take place, **IS** or **IS NOT** (circle one) located in a floodplain.

A FEMA Floodplain map is included in the application (as required) and is located on Page _____

If yes, does it participate in the National Flood Insurance Program? Yes ___ No ___

If no, provide an explanation as to why it does not participate: _____

Signature of Chief Official

Date

MANDATORY DISCLOSURES

Award applicants and recipients of awards from the State of Illinois (collectively referred to herein as “Grantee”) must disclose, in a timely manner and in writing to the State awarding agency, all violations of State or federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the award. See 30 ILCS 708/40; 44 Ill. Admin Code § 7000.40(b)(4); 2 CFR § 200.113. Failure to make the required disclosures may result in remedial action.

Please describe all violations of State or federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the awarding of a grant to your organization:

Grantee has a continuing duty to disclose to the Department of Commerce and Economic Opportunity (the “Department”) all violations of criminal law involving fraud, bribery or gratuity violations potentially affecting this grant award.

By signing this document, below, as the duly authorized representative of the Grantee, I hereby certify that:

- All of the statements in this Mandatory Disclosure form are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil or administrative penalties. (U.S. Code, Title 18, Section 1001).
- There is no action, suit or proceeding at law or in equity pending, nor to the best of Grantee’s knowledge, threatened, against or affecting the Grantee, before any court or before any governmental or administrative agency, which will have a material adverse effect on the performance required by the grant award.
- Grantee is not currently operating under or subject to any cease and desist order, or subject to any informal or formal regulatory action, and, to the best of the Grantee’s knowledge, it is not currently the subject of any investigation by any state or federal regulatory, law enforcement or legal authority.
- If Grantee becomes the subject of an action, suit or proceeding at law or in equity that would have a material adverse effect on the performance required by an award, or an investigation by any state or federal regulatory, law enforcement or legal authority, Grantee shall promptly notify the Department in writing.

Grantee Organization: **Company Name**

By: _____
Signature of Authorized Representative

Printed Name: **Authorized Signator Name**

Printed Title: **Authorized Signator Title**

Date:

CONFLICT OF INTEREST DISCLOSURE

Award applicants and recipients of awards from the State of Illinois (collectively referred to herein as “Grantee”) must disclose in writing to the awarding State agency any actual or potential conflict of interest that could affect the State award for which the Grantee has applied or has received. See 30 ILCS 708/35; 44 Ill. Admin Code § 7000.40(b)(3); 2 CFR § 200.112. A conflict of interest exists if an organization’s officers, directors, agents, employees and/or their spouses or immediate family members use their position(s) for a purpose that is, or gives the appearance of, being motivated by a desire for a personal gain, financial or nonfinancial, whether direct or indirect, for themselves or others, particularly those with whom they have a family business or other close associations. In addition, the following conflict of interest standards apply to governmental and non-governmental entities.

- a. Governmental Entity.** If the Grantee is a governmental entity, no officer or employee of the Grantee, member of its governing body or any other public official of the locality in which the award objectives will be carried out shall participate in any decision relating to a State award which affects his/her personal interest or the interest of any corporation, partnership or association in which he/she is directly or indirectly interested, or which affects the personal interest of a spouse or immediate family member, or has any financial interest, direct or indirect, in the work to be performed under the State award.
- b. Non-governmental Entity.** If the Grantee is a non-governmental entity, no officer or employee of the Grantee shall participate in any decision relating to a State award which affects his/her personal interest or the interest of any corporation, partnership or association in which he/she is directly or indirectly interested, or which affects the personal interest of a spouse or immediate family member, or has any financial interest, direct or indirect, in the work to be performed under the State award.

The Grantee shall also establish safeguards, evidenced by policies, rules and/or bylaws, to prohibit employees or officers of Grantee from engaging in actions, which create or which appear to create a conflict of interest as described herein.

The Grantee has a continuing duty to immediately notify the Department of Commerce and Economic Opportunity (the “Department”) in writing of any actual or potential conflict of interest, as well as any actions that create or which appear to create a conflict of interest.

Please describe all current potential conflict(s) of interest, as well as, any actions that create or which appear to create a conflict of interest related to the State award for which your organization has applied.

If the Grantee provided information above regarding a current potential conflict of interest or any actions that create or appear to create a conflict of interest, the Grantee must immediately provide documentation to the applicable Department grant manager to support that the potential conflict of interest was appropriately handled by the Grantee’s organization. If at any later time, the Grantee becomes aware of any actual or potential conflict of interest, the Grantee must notify the Department’s grant manager immediately, and

provide the same type of supporting documentation that describes how the conflict situation was or is being resolved.

Supporting documentation should include, but is not limited to, the following: the organization’s bylaws; a list of board members; board meeting minutes; procedures to safeguard against the appearance of personal gain by the organization’s officers, directors, agents, and family members; procedures detailing the proper internal controls in place; timesheets documenting time spent on the award; and bid documents supporting the selection of the contractor involved in the conflict, if applicable.

By signing this document, below, as the duly authorized representative of Grantee, I hereby certify that:

- All of the statements in this Conflict of Interest Disclosure form are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil or administrative penalties. (U.S. Code, Title 18, Section 1001).
- If I become aware of any situation that conflicts with any of the representations herein, or that might indicate a potential conflict of interest or create the appearance of a conflict of interest, I or another representative from my organization will immediately notify the Department’s grant manager for this award.
- I have read and I understand the requirements for the Conflict of Interest Disclosure set forth herein, and I acknowledge that my organization is bound by these requirements.

Grantee Organization: **Community Name**

By: _____
Signature of Authorized Representative

Printed Name: **Authorized Signator Name**

Printed Title: **Authorized Signator Title**

Date:

***Insert Documentation of Commitment from
Leverage/Match Sources here.***

Insert copies of Construction Permits here.

Insert Proof of Land Ownership here.

(if applicable)

Insert copy of Option to Purchase here.

(if applicable)

Insert W-9 here.

Insert SAM Registration (CAGE#) here.

Insert IRS Certification Letter here.

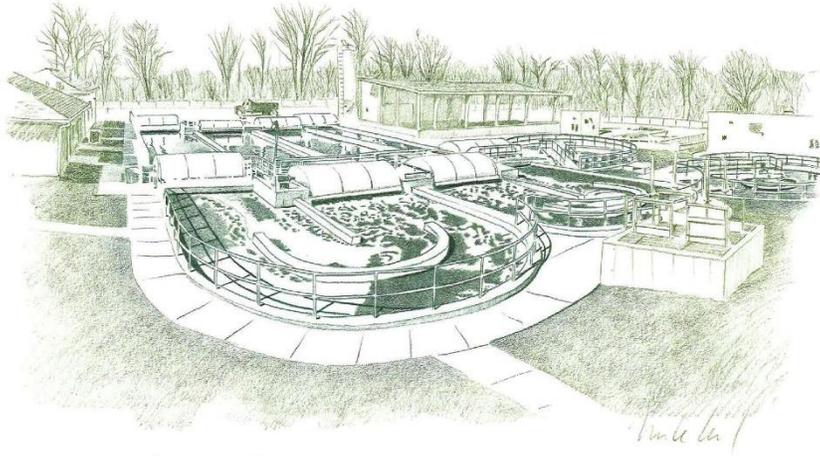
City of Troy

Wastewater Management Facility Plan



City of Troy
116 E. Market
Troy, Illinois
62294

Tel. No.
618.667-9924
Fax No.
618.667-4009



CONSULTING ENGINEERING
GEOSPATIAL SERVICES



FACILITY PLAN OVERVIEW

The City of Troy has established the following goals and objectives to guide the future improvements and expansion of the City’s wastewater collection system and water reclamation facility:

- Provide reliable wastewater service for the residents for the proposed twenty (20) year planning horizon
- Rehabilitate existing portions of the collection system experiencing volumetric loading issues
- Protect both surface water and groundwater resources
- Determine collection system improvement priorities needed to facilitate future development and expansion of the City
- Determine water reclamation facility improvements to accommodate future development and expansion of the City
- Provide cost effective solutions for City and customers outside the corporate limits
- Ensure that the City has the tools, resources, and authority to administratively meet future wastewater regulatory requirements and needs
- Elicit approval of system recommendations by the public, elected officials, and regulatory agencies

Given the issues associated with the wastewater collection system and wastewater treatment facility, the City began this planning process to develop a strategy for rehabilitating the wastewater collection system and upgrading the water reclamation facility. Several different growth scenarios were analyzed using the City's population trends. The total projected population in City's Planning Area due to additional development is expected to be 19,045 people.

The design capacity for the proposed City of Troy Wastewater Treatment Plant upgrade was determined based on the projection for total population within the Planning Area for twenty-year planning period plus the current rate of inflow and infiltration.

Year 2038 Projected Population>		19,045	PE
Per Capita Average Daily Flow>	X	100	GPD/PE
		1,904,500	GPD
Current Average Rate of I & I>	+	660,000	GPD
Current and Potential Commercial/Industrial Contribution>		985,500	GPD
Total Average Daily Flow>		3,550,000	GPD

The average design flow to the upgraded facility is 3.55 MGD

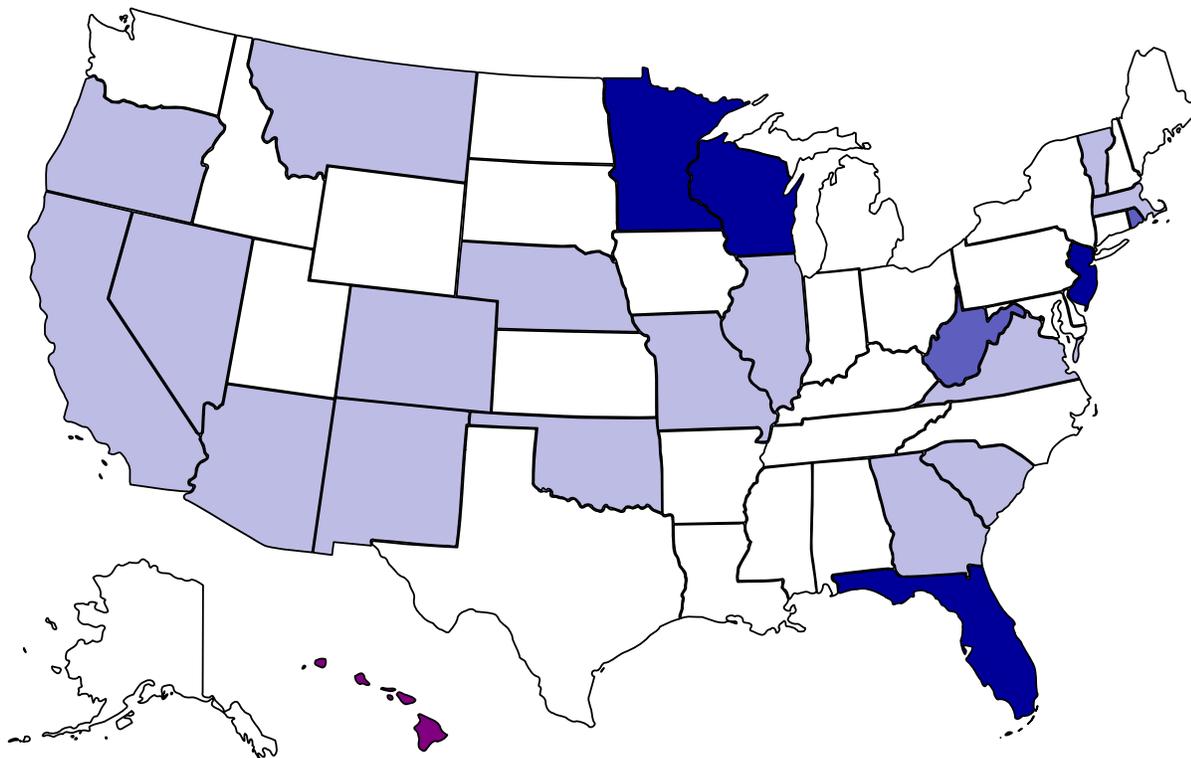
The proposed effluent standards for the facility are as follows:

BOD ₅	10 mg/l
Suspended Solids	12 mg/l
Phosphorus	1 mg/l

PHOSPHORUS AND TOTAL NITROGEN

Water quality has become a topic of discussion in many communities. Water impairment in lakes, streams, rivers and other water bodies, by nutrients represent one of the greatest challenges faced by communities. Nutrients, algal growth and ammonia represent the leading cause of impairment in these water bodies.

Currently, the USEPA considers state adoption of numeric water quality criteria for nitrogen and phosphorus, the causal parameters directly responsible for eutrophication in immediate and/or downstream waters, a priority for water quality protection.



*Complete set of N and P criteria for all watertypes***

- Level 4 2 or more watertypes with N and/or P criteria
- Level 3 1 watertype with N and/or P criteria
- Level 2 Some waters with N and/or P criteria
- Level 1 No N and/or P criteria

Phosphorus (P) in the water increases algae growth, which can kill off the waterway's plant and animal life, produce harmful dioxins when disinfected for drinking water, and create a decline in the tourism, fishing, and real estate endeavors. Today, many areas in the U.S. require low levels of phosphorus in the effluent of wastewater plants discharging to state waterways.



To help protect local streams and the Gulf, Illinois and 11 other states in the Mississippi River basin have pledged to develop strategies to reduce the nutrient loads leaving their borders. These strategies are part of a national plan developed by the Mississippi River, Gulf of Mexico Watershed Nutrient Task Force.

Illinois EPA encourages point sources and MS4 urban stormwater permittees to take a watershed approach to address nutrient reductions. All major point sources must develop feasibility and optimization studies for achieving phosphorus limits of 0.5 and 0.1 mg/L Total Phosphorus (TP). Permit renewals are currently issued requiring 1.0 mg/L TP and nitrogen monitoring. It is anticipated that all treatment facilities will need to limit their output to 0.5 milligrams per liter of phosphorus and have a possible limit on Total Nitrogen by 2030.

Many current treatment facilities do not have the capabilities to achieve these results with their current treatment processes. The Facility Plan, as developed, addresses these more stringent limits.

TREATMENT PROCESS

Sequencing Batch Reactors (SBR)

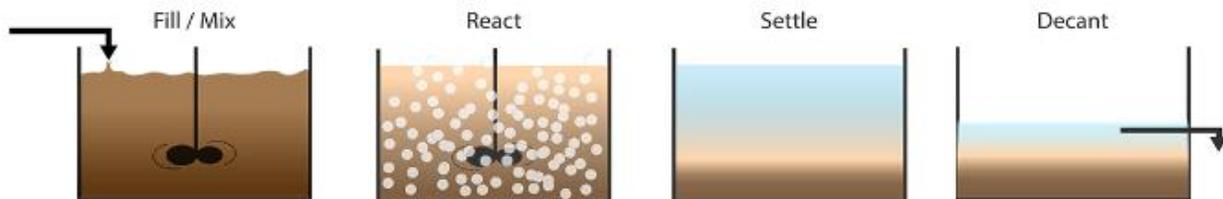
Sequencing batch reactors (SBR) are a specialized form of activated sludge treatment in which all of the treatment process takes place in reactor tanks and secondary clarifiers are not required. SBR systems utilize two or more reactor tanks in parallel operation. The process treats the wastewater in batch mode and each batch is sequenced through a series of treatment stages. The SBR process has been demonstrated to offer significant advantages over conventional activated sludge processes due to its high degree of operational and control flexibility.

SBR process is a proven technology and should provide the City with a reliable treatment process for the proposed planning period. Nutrient removal is becoming more and more important in wastewater treatment and the SBR will address many of the foreseeable changes as the EPA rules and regulations become more restrictive. The proposed tanks and structures will be designed with this information in mind.

Advantages

- Independent aeration and mixing system provide process advantages and lower energy consumption
- A true-batch system utilizes Mix-Fill, React-Fill, React, Settle and Decant phases within a single reactor
- The Mix-Fill phase is essential for effective phosphorus removal
- All components of the SBR system are retrievable and easily accessible
- No secondary clarifiers and/or return activated sludge (RAS) lines
- Capable of enhanced biological nutrient removal
- Hydraulic fluctuations are easily managed through the flexibility of a time managed process operating strategy
- Low cost of ownership

In a typical SBR process, wastewater is introduced into the tank during the “mix-filling” stage and mixes with the biomass in the tank that had settled during the previous cycle. The “react” stage introduces air to then promote biological growth and facilitate waste reduction. During the next stage, “settlement”, the mixing and aeration are stopped to allow solids to settle to the bottom of the tank. After a period of time, the process enters the “decant” stage where the clarified effluent is decanted off of the top of the settled solids. A final “idle” stage enables waste activated sludge to be removed from the tank as necessary.



The advantage of SBR units are their ability to remove nutrients from the wastewater with nitrogen removal at levels less than 3 mg/l and biological phosphorus removal at less than 1 mg/l. Phosphorus removal is achieved by extending the “mix-fill” stage to create anaerobic conditions where phosphorus accumulating organisms (PAO) release the phosphorus in the wastewater where it is taken up during



aeration. Lower Phosphorus concentrations can be achieved using chemical addition. Also, during the mix-fill stage anoxic conditions are developed which removes residual nitrites/nitrates (NO_x) and the anoxic conditions to some degree control some types of filamentous organisms.

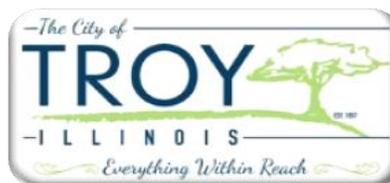


PHASING AND OPINION OF COST

Troy Existing Water Reclamation Facility - Phase 1

Cost Estimate for Upgrades

Build SBR system



Laboratory Building / Garage		Construction Cost	
Lab Building			
	Electrical Upgrades to Controls, etc.	\$	48,000.00
	SCADA Upgrades	\$	48,000.00
SBR Technology			
	SBR Equipment	\$	9,450,000.00
UV Disinfection			
	Install new UV Disinfection System and Controls	\$	1,750,000.00
Effluent Parshall Flume			
	Install new flow sensor metering system	\$	75,000.00
Northern Interceptor and Lift Station (Western Alternative)			
		\$	2,688,780.00
Demolition			
	Demolition and Removal of Bar Screen at Terminal lift/On site Bar screen and grit removal system	\$	1,750,000.00
Sludge Processing			
	Add Louvres to Sludge Canopy Structure	\$	300,000.00
Chemical Feed - Phosphorus			
	Install new Chemical Feed	\$	750,000.00
	Total Construction Cost without Mark-ups or Contingencies	\$	16,859,780.00
<i>Mark-ups and Contingencies</i>			
	Bond & Insurance, 3% of the Sub-Total	\$	505,793.40
	Project Contingency, 3% of the Sub-Total (IEPA Allowable)	\$	505,793.40
	Total Construction Cost	\$	17,871,366.80
<i>Engineering</i>			
	Surveying & Design Engineering	\$	1,011,586.80
	Construction Engineering	\$	674,391.20
	Total Capital Cost	\$	19,557,344.80
	Annual Loan Payment - 20 year	\$	1,191,261.26
	Annual Loan Payment - 30 year	\$	870,084.67

Troy Existing Water Reclamation Facility - Phase 2

Cost Estimate for Upgrades

Conversion of Existing Plant

(to Digestors/Excess Flow/Holding Facilities)

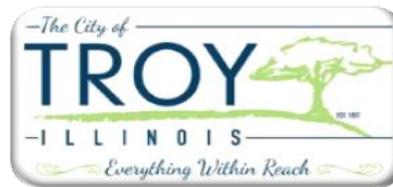


Oxidation Ditches	Construction Cost
Replace rotors and controls with retrieveable aeration system	\$ 630,000.00
Secondary Clarifiers	
Sandblast and Paint both Clarifiers' Mechanical Equipment Seal Overflow Weirs Reconfigure Drain Valving for Draining of Clarifiers	\$ 262,500.00
Excess Flow Clarifiers	
Sandblast & Paint Clarifier Mechanical Equipment	\$ 87,500.00
Total Construction Cost without Mark-ups or Contingencies	\$ 980,000.00
<i>Mark-ups and Contingencies</i>	
Bond & Insurance, 3% of the Sub-Total	\$ 29,400.00
Project Contingency, 3% of the Sub-Total	\$ 29,400.00
Total Construction Cost	\$ 1,038,800.00
<i>Engineering</i>	
Surveying & Design Engineering	\$ 58,800.00
Construction Engineering	\$ 39,200.00
Total Capital Cost	\$ 1,136,800.00
Annual Loan Payment - 20 year	\$ 67,611.87
Annual Loan Payment - 30 year	\$ 48,868.53

Troy Existing Water Reclamation Facility - Phase 3

Cost Estimate for Upgrades

Upgrade Sludge Handling Facilities



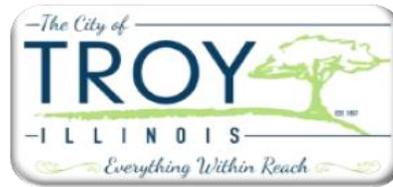
Sludge Processing	Capital Cost, \$
Add Larger Roof to Sludge Storage Canopy	\$ 100,000.00
<p><i>Note: Based on the increase in sludge production, the sludge storage will need to be increased by approximately 4400 SF. This is based on the IEPA criteria requiring 150 days of storage.</i></p>	
Paint Sludge Canopy Structure and Roof*	\$ 60,000.00
Paint Outside Filter Press Building*	\$ 18,000.00
<p><i>Note: These Items typically do not require a multiplier for installed costs.</i></p>	
Total Construction Cost without Mark-ups or Contingencies	\$ 178,000.00
<i>Mark-ups and Contingencies</i>	
Bond & Insurance, 3% of the Sub-Total	\$ 5,340.00
Project Contingency, 3% of the Sub-Total	\$ 5,340.00
Total Construction Cost	\$ 188,680.00
<i>Engineering</i>	
Surveying & Design Engineering	\$ 10,680.00
Construction Engineering	\$ 7,120.00
Total Capital Cost	\$ 206,480.00

Annual Loan Payment - 20 year	\$ 6,288.47
Annual Loan Payment - 30 year	\$ 4,593.03

Troy Existing Water Reclamation Facility - Phase 4

Cost Estimate for Upgrades

Up-Grade Tertiary Filters/ Add Chemical Feed System

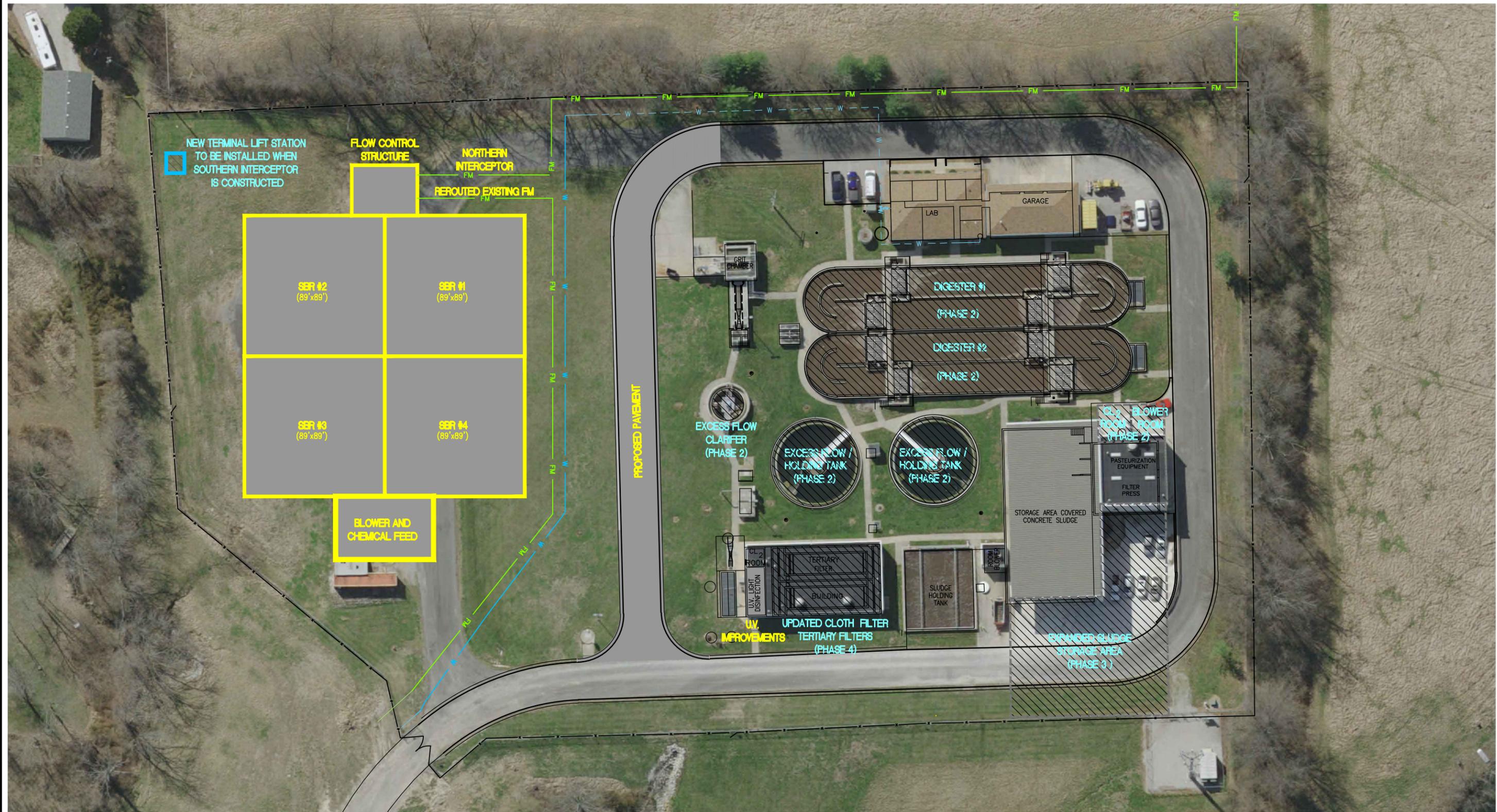


Sludge Storage Tank		Installed Cost	
	Upgrade Pumps	\$	360,000.00
Tertiary Filters			
	Convert Sand Media Filters to Cloth Media Filters	\$	4,200,000.00
	Repaint Building Interior and Exterior and Ceiling	\$	168,000.00
	Repair Cracked Masonry CMU's and Caulk	\$	12,000.00
Total Construction Cost without Mark-ups or Contingencies		\$	4,740,000.00
<i>Mark-ups and Contingencies</i>			
	Bond & Insurance, 3% of the Sub-Total	\$	142,200.00
	Project Contingency, 3% of the Sub-Total	\$	142,200.00
Total Construction Cost		\$	5,024,400.00
<i>Engineering</i>			
	Surveying & Design Engineering	\$	284,400.00
	Construction Engineering	\$	189,600.00
Total Capital Cost		\$	5,498,400.00
Annual Loan Payment - 20 year		\$	167,457.06
Annual Loan Payment - 30 year		\$	122,308.87



EXHIBITS

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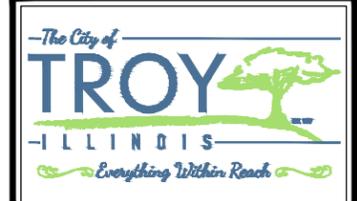
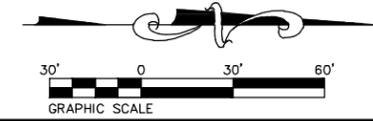


SEQUENCING BATCH REACTOR PROCESS (SBR)

LEGEND

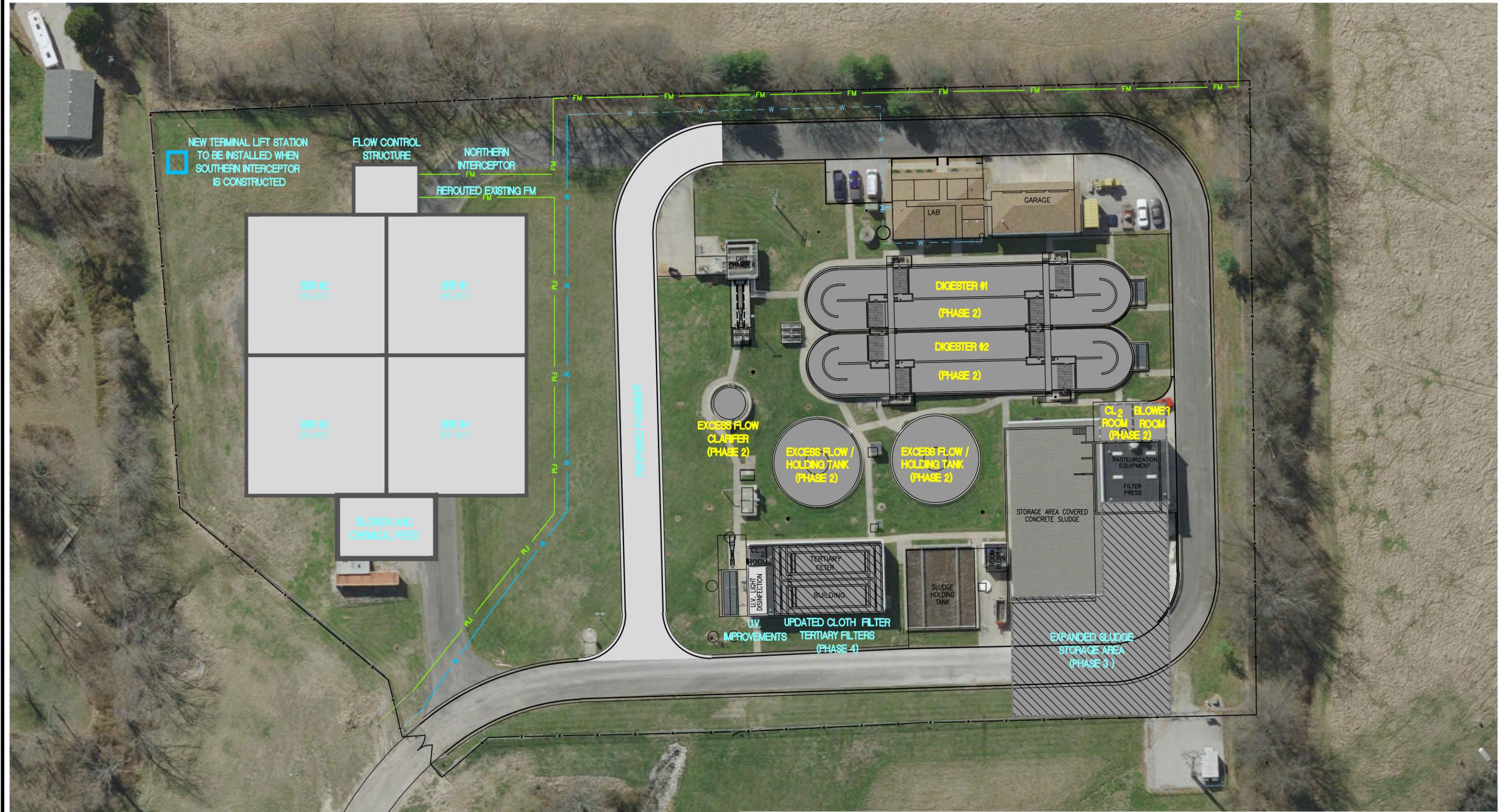
	PHASE 1 IMPROVEMENTS
	FUTURE PHASE IMPROVEMENTS

- NOTES:**
- EXISTING AND PROPOSED PIPING NOT SHOWN FOR CLARITY.
 - SOME EXISTING PIPING MAY NEED TO BE RELOCATED DUE TO NEW DESIGN.



AERIAL SCHEMATIC OF PROPOSED WATER RECLAMATION FACILITY (PHASE 1)

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SEQUENCING BATCH REACTOR PROCESS (SBR)

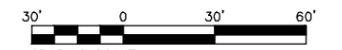
LEGEND

- PHASE 2 IMPROVEMENTS
- FUTURE PHASE IMPROVEMENTS
- COMPLETED PHASE IMPROVEMENTS

NOTES:

1. EXISTING AND PROPOSED PIPING NOT SHOWN FOR CLARITY.
2. SOME EXISTING PIPING MAY NEED TO BE RELOCATED DUE TO NEW DESIGN.





30' 0 30' 60'
GRAPHIC SCALE

The City of

TROY

ILLINOIS

Everything Within Reach

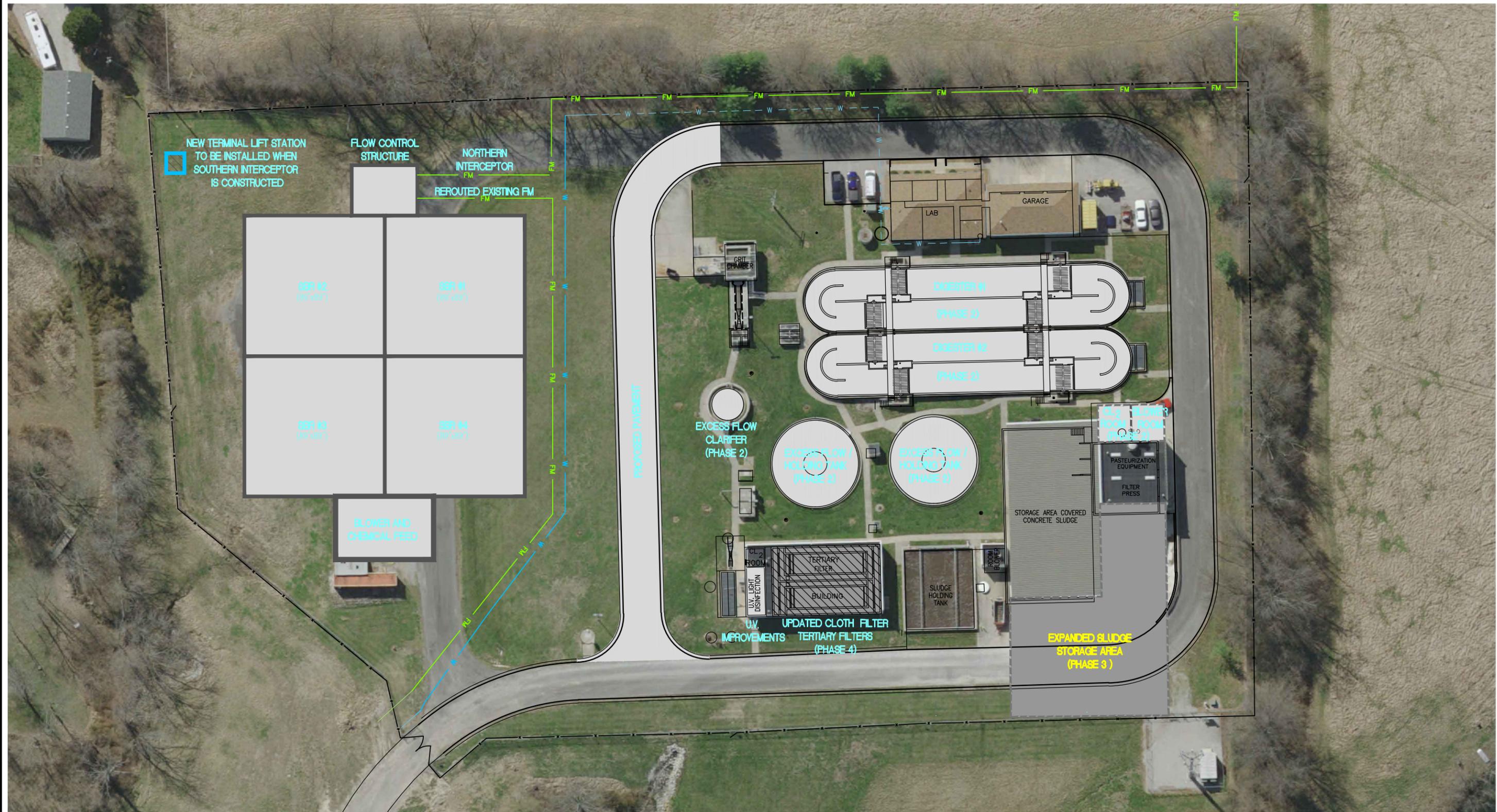
**THOUVENOT,
WADE &
MOERCHEN, INC.**

ENGINEERS ♦ SURVEYORS ♦ PLANNERS



AERIAL SCHEMATIC OF PROPOSED WATER RECLAMATION FACILITY (PHASE 2)

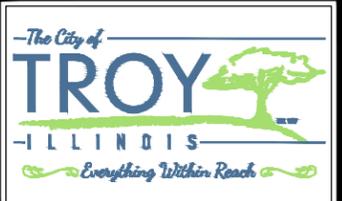
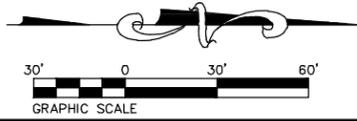
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 Plotted By: mmaison 3/06/2020 2:18pm



SEQUENCING BATCH REACTOR PROCESS (SBR)

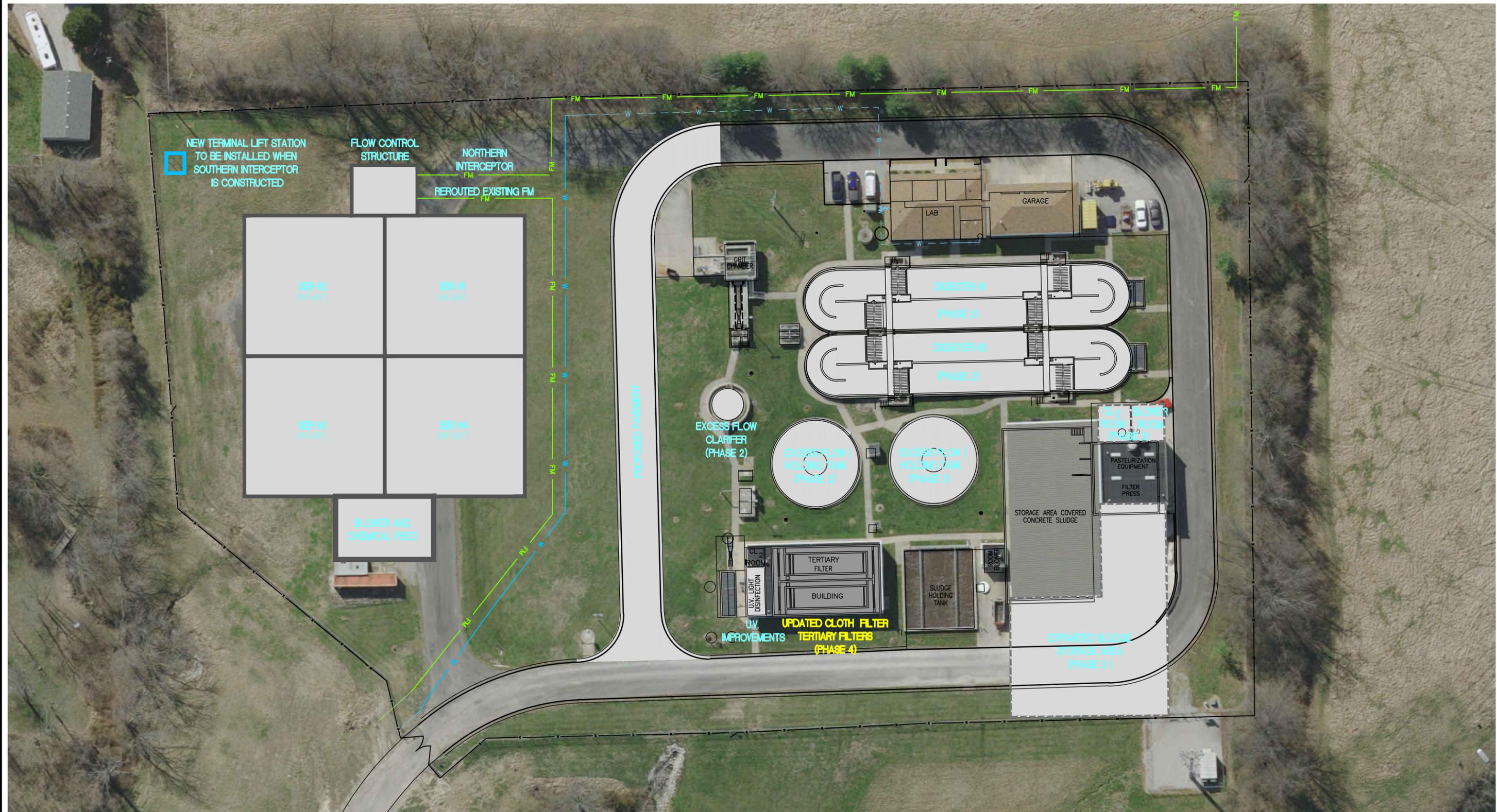
- LEGEND**
- PHASE 3 IMPROVEMENTS
 - FUTURE PHASE IMPROVEMENTS
 - COMPLETED PHASE IMPROVEMENTS

- NOTES:**
1. EXISTING AND PROPOSED PIPING NOT SHOWN FOR CLARITY.
 2. SOME EXISTING PIPING MAY NEED TO BE RELOCATED DUE TO NEW DESIGN.

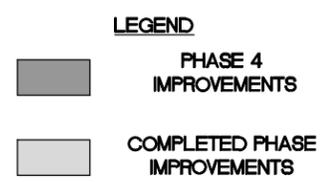


AERIAL SCHEMATIC OF PROPOSED WATER RECLAMATION FACILITY (PHASE 3)

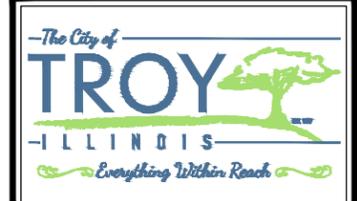
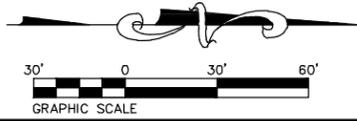
P:\2020\200127_4 CAD - DWG\4.3 Enr\200127-Troy WWP P-01 - SBR.dwg
 Plotted By: mmlarsen 3/06/2020 2:17pm



SEQUENCING BATCH REACTOR PROCESS (SBR)



- NOTES:**
1. EXISTING AND PROPOSED PIPING NOT SHOWN FOR CLARITY.
 2. SOME EXISTING PIPING MAY NEED TO BE RELOCATED DUE TO NEW DESIGN.



AERIAL SCHEMATIC OF PROPOSED WATER RECLAMATION FACILITY (PHASE 4)