

Welcome to the Engineering Solutions Team Annual Newsletter.

Welcome, to all Engineering Solutions Team Clients, Family and Friends!

Engineering Solutions Team is moving forward and enjoyed another successful year.

A sincere and deep-felt thank you to all clients that have entrusted Engineering Solutions Team to assist with Improving their required Infrastructure Problems. The Clients who have elected to work with Engineering Solutions Team on a regular basis are the foundation of the Company's success and their needs are the Top Priority to all at Engineering Solutions Team. Developing a Win-Win relationships with the Clients is the Primary Goal of the Company.

In 2016; Engineering Solutions Team serviced 19 clients, including 5 new clients, completed 28 assignments. The circulation of this Newsletter now exceeds 500. Total Company Revenues for the year 2016 exceeded the 2015 Company Revenues by over 30%.

Services delivered in 2016 included Phase 1, Phase 2, and Phase 3 Engineering Services for Municipal Infrastructure Improvements and Public Building Maintenance and Improvement Projects. Further, Engineering Solutions Team performed a number of Right-of-Way and Easement Negotiations.

As we all plan our Year 2017; this Newsletter presents a summary of our Year 2016.

If you have questions or seek assistance, please do not hesitate to contact us.

Engineering Solutions Team hopes that all enjoyed a Merry Christmas and look forward to a Happy, Healthy and Successful New Year.

Thank you. Edward Kalina.

2016 Assignments: The following is a Brief Report of the Assignments Completed by **Engineering Solutions Team** in 2016:



THE WARWICK AVENUE STORM SEWER IMPROVEMENT PROJECT – PHASE 2:

Existing Conditions: During the larger rainstorms spanning over the last few years the Village of Westmont has experienced some flooding conditions and inadequate drainage characteristics throughout the Village. One particularly troublesome area is located on Warwick Avenue north of Chicago Avenue.

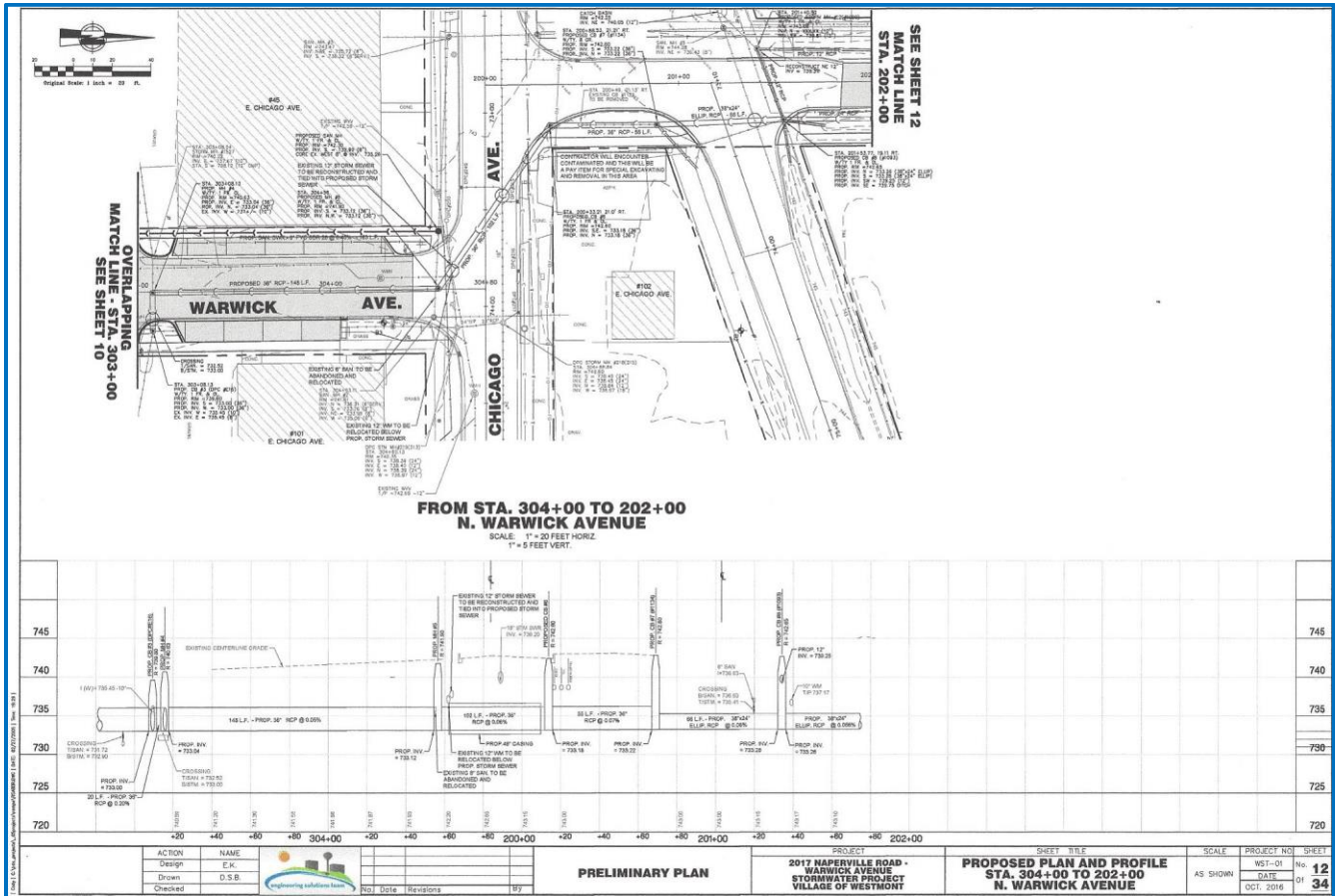
The Village of Westmont Public Works Department approved the Storm Water Study completed by **Engineering Solutions Team** in 2015 and elected to move forward with the Phase 2 Engineering in 2016.

The Storm Sewer Improvement Project will provide the following:

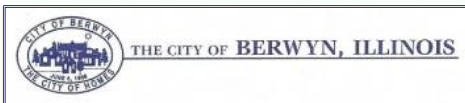
- New 36" to 30" diameter RCCP Storm Sewer from Norfolk Street to Melrose Avenue.
- New local storm sewer improvements to connect to the New RCCP Storm Sewer.
- Relocated Sanitary Sewers, as required to facilitate the construction of the new storm sewer system.
- Relocated Water Mains, as required to facilitate the construction of the new storm sewer system.
- Rehabilitation and Resurfacing of Warwick Avenue.
- New driveway aprons, new sidewalks and reconfigured parkways, as required.
- A 48" diameter steel casing will be augured and jacked under Chicago Avenue, to house the 36" RCCP.
- Chicago Avenue will remain open to traffic at all times through the project duration.
- Construction is planned for 2017.



Recent Solutions



Drawing 12



Various Assignments:

Engineering Solutions Team performed various on-call assignments for the City of Berwyn. A couple of the 2016 assignments include the following:

- Owner's Representative for the Design and Construction Phases for the Modernization of the Berwyn Public Library, in particular the Children's Section. The project was partially funded as a Live and Learn Construction Grant Project.



Getting Started.



Wrapping Up.

- Phase 2 and Phase 3 Engineer to make the bathrooms ADA compliant at the Berwyn Recreation Center. Project was funded in part with a DCEO Grant.
- Phase 2 and Phase 3 Engineer to modify all lighting fixtures and rehabilitate all ceilings at the Berwyn Recreation Center. Project was funded in part with an Illinois Energy Now Grant.



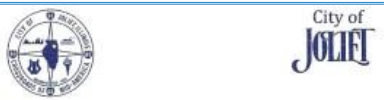
Before.



Installing the New Terrazzo Floor.



After.



VARIOUS ASSIGNMENTS:

The City of Joliet retained **The Engineering Solutions Team Co.** to perform the required design and construction engineering services on the following projects:

- Phase 1 and Phase 2 and Phase 3 Engineer to facilitate various improvements at the West Side Waste Water Treatment Plant. Improvements included; new doors, roofing repairs and new flooring.
- Phase 1 and Phase 2 and Phase 3 Engineer to install a new roof system at 919 and 921 East Washington. The installed roof system was the Tremco AlphaGuard System. The roof was delivered with a 20-year warranty complete.



Parapet Preparation.



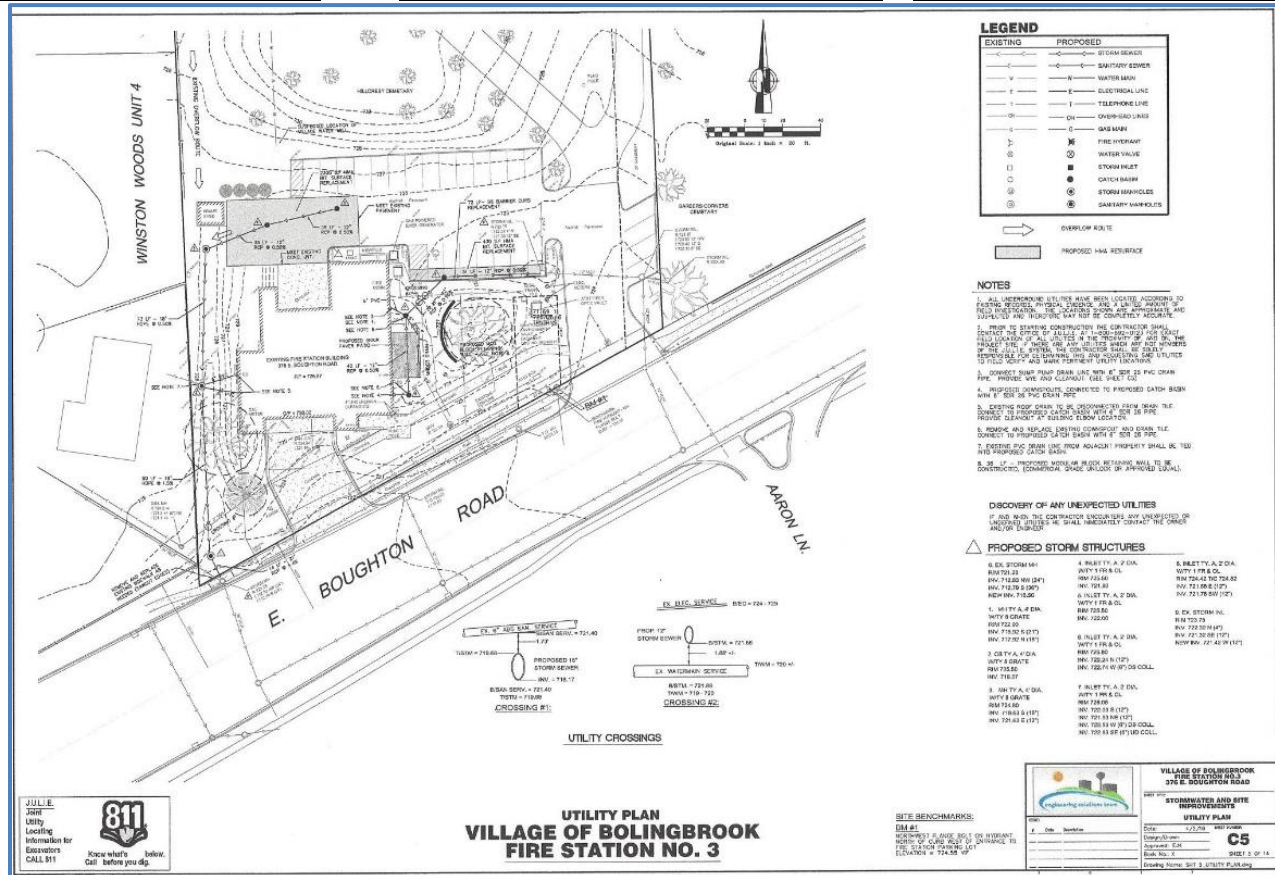
The Completed New Roof.



Project Includes: The Proposed Floor Plan will be designed to better accommodate women firefighters. Project will also include: New furnace and heating system, New air conditioner and cooling system, Upgraded Kitchen and new counter tops, New epoxy flooring throughout the building, Replace the interior doors, Replace the ceiling system as appropriate, Paint the entire building interior, Paint the bay floor, Remove the door jamb from the hose tower, and New generator.



Re-Construction of the East Foundation Wall



The Village of Villa Park retained **The Engineering Solutions Team Co.** to develop its ADA Transition Plan.



Recent Solutions

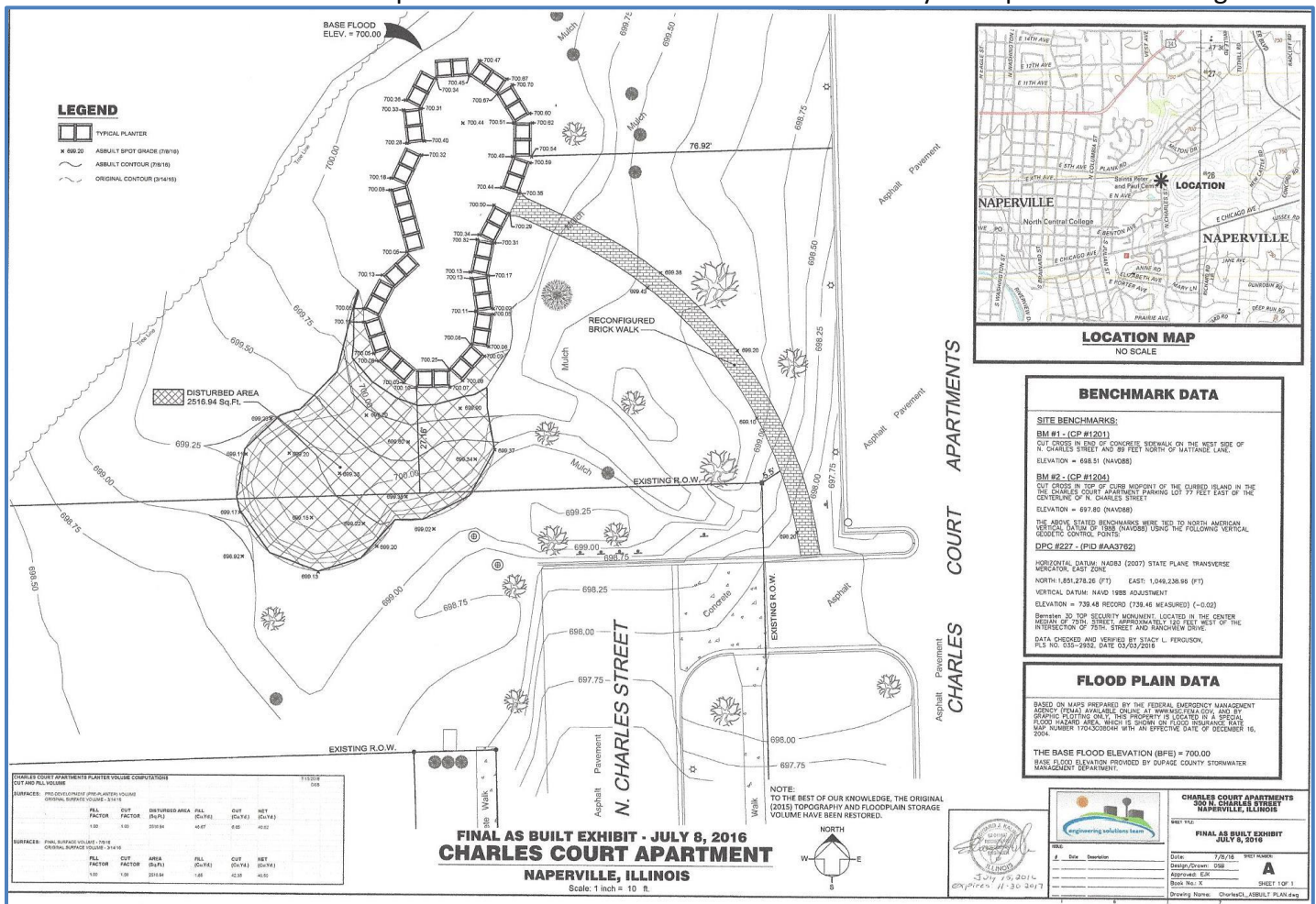


THE BRISBIN ROAD WIDENING PROJECT

The Grundy County Highway Department retained **The Engineering Solutions Team Co.** to negotiate 14 different required Right-of-Way acquisitions to facilitate the construction of this project.

THE CHARLES COURT APARTMENTS; NAPERVILLE, IL

The Charles Court Apartments were interested in installing raised planter boxes on its side property for its residents. The side property happens to be in the flood plain. Charles Court Apartments then retained **The Engineering Solutions Team Co.** to obtain the required Storm Water Permit from both the City of Naperville and DuPage County.



MASONRY REHABILITATION PROJECT AT THE GEPL

The Glen Ellyn Public Library retained **The Engineering Solutions Team Co.** to deliver Phase 2 and Phase 3 engineering services for the masonry rehabilitation and waterproofing of the library building project.



THE CHURCH ROAD IMPROVEMENT PROJECT

The Village of Bensenville retained **The Engineering Solutions Team Co.** to negotiate 2 different required Easement Acquisitions to facilitate the construction of this project.



STRATEGIC PLANNING

The Downers Grove Township retained **The Engineering Solutions Team Co.** to assist with their Strategic Planning Processes.

Visibility:

Engineering Solutions Team presented paper with Nick Gornick [City of Joliet] at 2016 ISAWWA Watercon

Engineering Solutions Team displayed its Booth at the following Trade Shows in 2016:

- ISAWWA Watercon; on March 21 and 22 and 23.
- American Public Works Association; on May 18 and May 19.

Engineering Solutions Team will attend and/or display booth at the following conferences in 2017:

- Illinois Transportation and Highway Engineering Conference in Champaign.
- ISAWWA Watercon in Springfield.
- American Public Works Association in Schaumburg.
- Illinois Municipal League in Chicago.

Close:

At times, we brainstorm to better understand what specific behaviors of ours that might have helped to make **Engineering Solutions Team** a trusted and successful local civil engineering consultant.....

And...



We are developing the opinion that maybe it is because Ed enjoys working overtime to better understand the needs and concerns of the [Engineering Solutions Team](http://www.engineeringsolutionsteam.net) family. ☺

Hope that all enjoy a Healthy and Productive 2017. We look forward to the opportunity of together exploring your Infrastructure Improvement Programs.

Respectfully

Edward Kalina, President

Engineering Solutions Team