

**Metropolitan Industries**

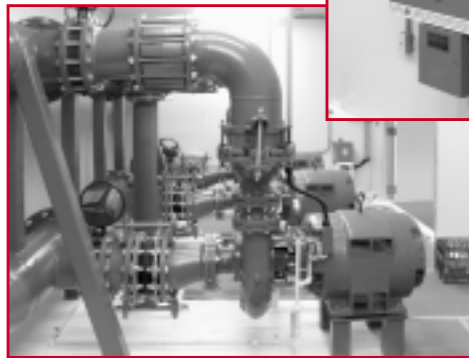
**Romeoville IL, USA**

## HAMMOND JOB SETS MILESTONE

ROMEDEVILLE, IL. - Metropolitan Industries, Inc. manufactured a massive pre-fabricated water booster system constructed in an insulated modular enclosure.

Recently the town of Griffith, Indiana began purchasing their water from neighboring Hammond. A booster system was needed to ensure that the town of Griffith would receive pressure adequate to supply water to their community from Hammond.

As a result, Nies Engineering, Inc. was hired to design the booster station and interface it with Griffith's existing pumping station and various ground and elevated storage tanks. Ultimately, all components would tie into the City of



*An inside view of the housed pre-fabricated booster system's 100HP pumps and touch screen control system.*

Hammond's SCADA System. Metropolitan Industries, Inc. was awarded a contract directly from the City of Hammond to build the station

and integrate all the information into the city's SCADA system.

Immediately, Metropolitan went to work constructing a massive structure that was shipped completely assembled and ready to install. The

structure sized in at 40' long x 14' wide x 10' high and required an escort in order to ship it to its final destination.

*continued inside*

## TEXAS STORM PUTS METROPOLITAN TO TEST

HOUSTON - Twelve hours before it hit the coastline it was just a blip on a radar screen 150 miles off the coastline but soon enough Tropical Storm Allison made landfall in Texas causing heavy flooding and damaging winds.

Texans will not forget the sixth of June anytime soon. Considered the first tropical rainstorm of the season, Allison made its way through the Houston area ripping down trees, stranding civilians in vehicles and flooding anything in the way. That day nearly 36 inches of rain fell on Houston and other parts of the Texas coastline as the winds reached 60 miles per hour. Forecasters were left scratching their heads as they witnessed the



*Downtown Houston after Tropical Storm Allison moved out of the area. 36 inches of rain fell before the day was over.*

evolution of a typical summer rain shower turn into a full-fledged tropical storm in less than 12 hours.

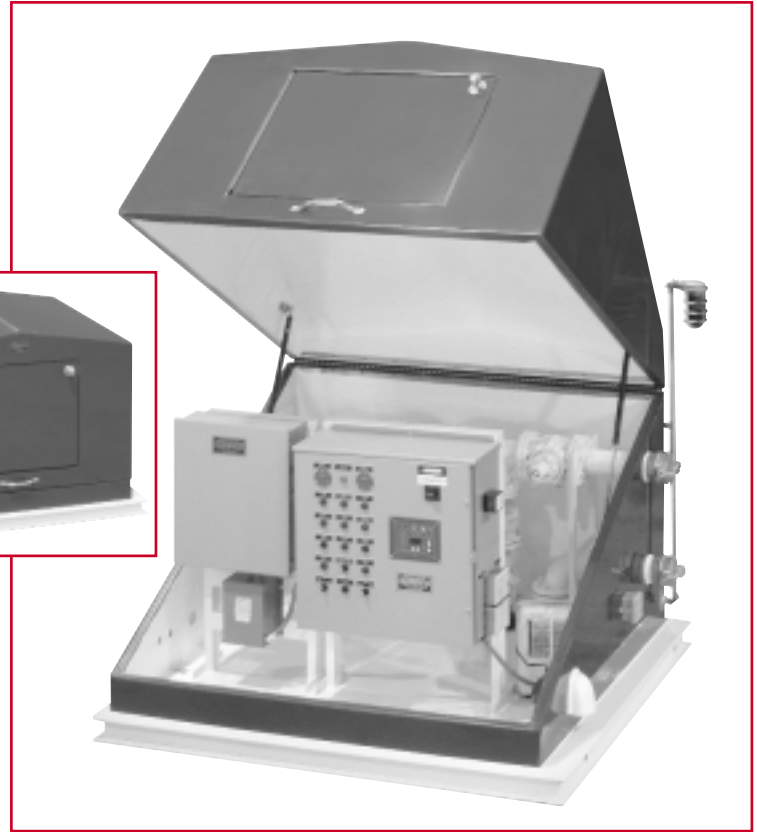
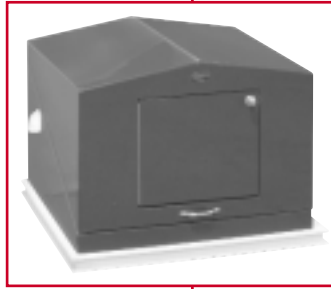
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## VALVE/CONTROL STATION GETS MAKEOVER

ROMEDEVILLE, IL - In a strategic move to increase competitiveness and standardize production, the national department announced that all future valve/control stations will be housed in clamshell boxes versus the original dog house shelters that were first used.

The move comes as interest in the new product has dramatically increased and Metropolitan's share in the market has strengthened. The goal of the production design is to separate us from the rest of the competition. "Our competitors use the dog house shelter which limits access to working parts during maintenance. The use of the clamshell gives us the opportunity to separate our product from everyone else's because our unique design allows access to all working parts," says Mark Brickey, national sales manager.

Metropolitan now uses the clamshell housing for all above ground booster stations, primer stations and valve/controls stations. With this standardization, it is easier to mass produce bases, stock more inventory and ship final products quicker. For more information about any products call 815-886-9200.



*The clam shell house provides easy access to all working parts during maintenance as shown above.*

## GET YOUR CONTINUING EDUCATION HOURS AT METROPOLITAN

ROMEDEVILLE, IL. - Metropolitan Industries is now certified in the State of Illinois and Indiana to conduct Continuing Education Training classes for wastewater and drinking water operators.

Illinois operators have three classes to choose including; control systems seminar (2.5 hours), submersible pump repair (2.0 hours) and pump controls & applications (2.0 hours).

Indiana operators have four classes to earn credit from, including; control systems seminar (1.5 hours), lift station design seminar (2.0 hours), submersible pump repair (4.0 hours), and pumps controls and applications (4.0 hours).

Classes are held at Metropolitan Industries' headquarters in Romeoville, Illinois. Interested parties are urged to contact Joseph Sanchez, public relations manager, at 815-886-9200 to schedule a day. Class size can range anywhere from 5 to 15 people.



**HAMMOND JOB SETS MILESTONE** *continued from front page*

The pump station came equipped with (3) 100 HP Cornell pumps rated for 1,300 gpm at 170 feet. Each motor is selected to exactly match the variable frequency drive control and is capable of meeting all speeds from zero to maximum flow without exceeding the temperature design of the motor windings. The pump speed is variable to exactly match the flow requirements at a constant discharge pressure, regardless of variations in the suction pressure.

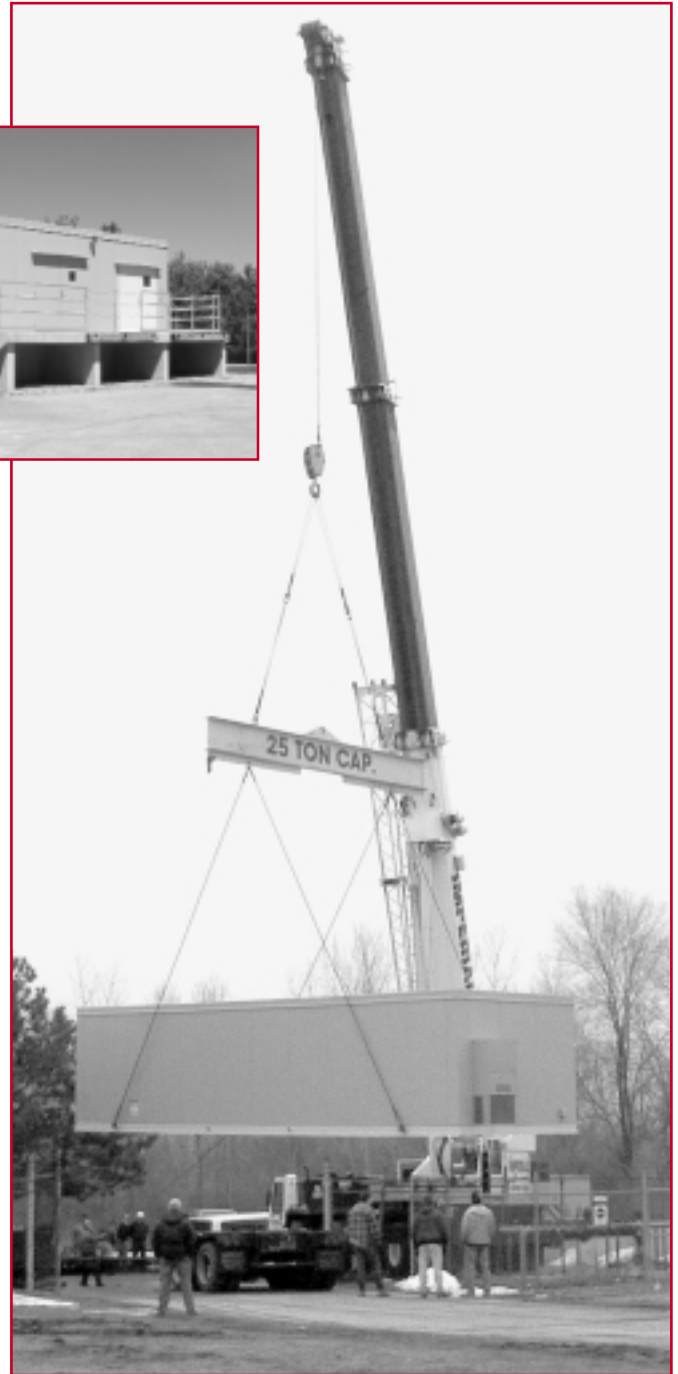
All controls and electrical distribution equipment including automatic transfer switch and distribution panels were supplied by Metropolitan Industries. The controls tie-in with Griffith's existing booster pump controls and each station has the capability to communicate with the other via dial-up phone lines. The automatic transfer switch allows power to be supplied from a stand-by diesel generator, if the local electrical utility is unable to power the station.

Mark Rosebraugh, municipal sales engineer, sold the job. He agrees that housed pre-fabricated pump stations are a growing trend in the pump market. "Engineers find comfort in knowing that the equipment manufacturer has sole responsibility for a complete system. This takes responsibility away from the contractor and places it on the supplier," Rosebraugh said.

Metropolitan Industries, Inc. has an advantage in the housed pre-fabricated pump market. Aside from being able to supply and integrate all of the components into a complete system, they also have a great deal of experience and intimate knowledge of controlling municipal water systems. These advantages, coupled with single-source responsibility allows municipalities to purchase the equipment, directly from Metropolitan Industries, with the comfort in knowing it will be done correctly. According to Rosebraugh, this approach tends to improve quality and reduce overall construction costs.

Rosebraugh is proud of the work completed on this project. "It was a tremendous team effort by all of the departments within our company. We worked and communicated effectively on the front-end to minimize the amount of problems on the production end."

Rosebraugh anticipates more growth in this area in the future. He feels that Metropolitan's long history of building these systems and experience will convince municipalities to take a long hard look at what Metropolitan Industries has to offer



*The prefabricated system was shipped to the job site fully assembled and ready to install. After placing the system on the foundation, workers simply connected the piping and ran the power supply (Above).*

*The completed project that supplies Griffith, Indiana with water from neighboring Hammond (Inset).*

# **Metropolitan Industries, Inc.**

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## **TEXAS STORM** *continued from front page*



***The Warwick Hotel located in Houston's museum district.***

The Warwick, Houston's oldest hotel, was one of many buildings that sustained heavy flood damage. After spending millions of dollars to renovate the interior and exterior during 2001, much of that work was completed in vain as the storm crippled the city. The heaviest damage occurred in the mechanical room located across the street, three floors underground. It received two stories of floodwater wiping out everything.

Mark Brickey, commercial sales manager, was visiting Houston during a business presentation

after the storm hit. While working with Bob Pape from Automatic Pump Company and Design Engineer Martin Mellard of Wylie & Associates, Brickey learned that the Warwick needed a new water booster system as soon as possible because the hotel was losing \$50,000 a day. Originally, the hotel wanted a constant speed system because they thought it could save them up-front money and could be built faster than a variable speed system. Brickey disagreed and said that Metropolitan could build a energy-saving variable speed system for the same price as a constant speed system and deliver it faster than anybody while at the same time saving the Warwick thousands of dollars over time due to energy savings.

Metropolitan made good on it's promise to deliver the new triplex variable speed control booster system in two weeks. "We were the only company that made a promise

of quick delivery. No one else had the capabilities to deliver a variable let alone a constant speed system in the time the hotel needed it," said Brickey, "I never doubted our production capabilities, with the team we put in place."

In an age of rising energy costs and tighter budgets, variable speed systems make economic sense. There is no logical reason why a booster system needs to run continuously every second of the day and night, especially during low flow periods. With variable speed controls, the system will run only when it needs to.

The Warwick Hotel is set to open next month. Former guest Bob Hope once told a national talk show host that the view from the 12th floor Presidential Suite was the most beautiful he had ever seen. The re-opening of this historical landmark will ensure even more beautiful views in the future.