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OUR MISSION

We, the employees of Bay Mechanical and Electrical Corporation, take pride in delivering quality, service and craftsmanship for customers and ourselves, through communication, planning, organization and cooperation. We will continue to provide "Excellence in Construction" and exceptional opportunities for all members of our team.

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Northeast Ohio Regional Sewer District Plant Automation Contract PA-3 Winner of the 2007 Award Of Excellence



Most contractors would agree that the most rewarding projects are also the most challenging. The Northeast Ohio Regional Sewer District Plant Automation Project was no exception. Bay has had the privilege of working for the District on other large projects in the past so we were very excited to be awarded the \$6,565,400.00 Plant Automation Phase 3 Project.

The Northeast Ohio Regional Sewer District (NEORS D), created in 1972, operates three wastewater treatment plants called Southerly Wastewater Treatment Center, Easterly Wastewater Treatment Plant and Westerly Wastewater Treatment Plant as well as maintaining the interconnecting collection system

(sewers). These plants serve member communities in the greater Cleveland metropolitan area. The district serves over 1,038,000 customers in all or part of 60 suburban municipalities.

The Plant Process Automation projects were conceived as a means of improving the efficiency and effectiveness of the NEORS D as a public utility. This project specifically targeted improvements at the District's three plants, and within the collection system.

The collection system is monitored and controlled through a series of level monitoring sites, flow monitoring sites, regulator sites, rain gauges, automatic samplers and odor control sites. The flow and level

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President's Letter



Dear Friends

As we enter our 60th year in business I often wonder if my parents, Sid and Mary Burns, had any idea that the little company they started at our kitchen table in 1948 would grow to become a leader in our industry. The core values that they established for the new company haven't changed in 60 years. They were and we still are committed to providing our customers with high quality, cost effective solutions to their construction, service and maintenance needs.

Our employees provide a standard of excellence in both knowledge and craftsmanship second to none in our industry. Their commitment to quality and safety has once again earned Bay the prestigious Diamond Safety Award as well an Award of Excellence for this issue's featured project, NEORSD Contract PA-3. I'm sure my parents would be as proud as I am to be associated with such a dynamic group of individuals that make up Bay Mechanical & Electrical Corp.

Terry W. Burns, President

Bay Continues Its Award Winning Ways In 2007

Diamond Safety Award

For the fourth consecutive year Bay was the proud recipient of the Associated Builders and Contractors "Diamond Safety Award." This award is given to the company that best exemplifies a commitment to safety by maintaining an excellent safety record while continually improving their safety program.

The Northern Ohio Chapter of Associated Builders and Contractors has over 350 member companies making this a very competitive award.

To maintain an award winning safety program requires a strong commitment from both management and our dedicated field staff.

Tom Vasek, P.E. Plant Construction Manager for the Northeast Ohio Regional Sewer District, said it best, "From an owner's perspective, it is always a pleasure dealing with firms such as Bay Mechanical and Electrical where "Safety First" is not just a saying, but is actively a part of their daily activities."

Thank you to the entire staff at Bay for again making "Safety First" our top priority.

Platinum STEP Award

For the sixth year in a row, Bay has attained Platinum status in the Associated Builders and Contractors National STEP (Safety Training and Evaluation Program) awards.



STEP is an objective method for comparing a company's safety programs and program improvements with companies of the same size across the country.

This program has an extensive application process and is an excellent tool for benchmarking our existing program with our peers and assists us in continually improving our safety awareness and procedures.

Attaining the highest level in this program six years in a row is quite an accomplishment and one that we are very proud of.



BMEC Welcomes Heather Aschemeier

In October all of us here at Bay were happy to learn that Heather Aschemeier would be joining us as our new Human Resource Director. Heather replaces our friend and longtime HR Director Gil Newlands who retired in September.

Heather is a graduate of the University of Toledo and was Human Resource Manager at Rolan Plastics prior to accepting the position here at Bay.

Heather is in charge of recruitment, training, employee benefits and safety. Heather is a national member of The Society of Human Resource Management and is on the Associated Builders and Contractors Safety Council. Her upbeat energetic personality makes her a great addition to our team.

Heather and her husband Jason are the proud parents of daughters Hannah and Ava. They reside in Lorain. Please join us in welcoming Heather.

Employee of the Year

Annually, the Board of Directors of Bay Mechanical & Electrical Corporation select one individual from our workforce to be designated "Employee of the Year" and presented the Award of Continuing Excellence. This is always a very difficult decision and not taken lightly.

In entering our 60th year we knew selecting this year's recipient would be especially difficult. After much debate and deliberation, the answer was obvious. This year's recipient is the reason for all of our success. As with any company, BMEC'S greatest asset is our employees. The men and women of BMEC continue to raise the bar every day on every project. Their com-



mitment to excellence and customer satisfaction makes us the award winning company that we are. Being in business for 60 years does not happen by mistake.

Congratulations to all the employees of Bay Mechanical & Electrical Corporation for being named the "Employee of the Year" and being the recipients of this year's Award of Continuing Excellence.

Award of Excellence

Bay Mechanical and Electrical is the proud recipient of the 2007 Associated Builders and Contractors Award of Excellence for the Northeast Ohio Regional Sewer District's Plant Automation Project Contract PA-3.

The Excellence in Construction Awards recognize projects for their quality, complexity, and safety record. A panel of judges that represents a cross section of industry experts, including owners, architects, and engineers from across the state evaluates the entries.

Winning the Award of Excellence is a reflection of Bay's craftsmanship, ability to complete complex projects and safe work practices.

Cleveland State Main Classroom Project

The Cleveland State University Main Classroom Project, which was reported on in our summer issue of "The Pipeline" is coming to a successful completion. The project included the build out of 63,000 Sq. Ft. of space located on the plaza level of the Main Classroom Building and Bay was contracted for all of the HVAC, electrical, plumbing, and fire protection.

This facility is being constructed to house student services, administrative offices, student activity and cultural areas, a new campus connection and a new dining/lounge area.

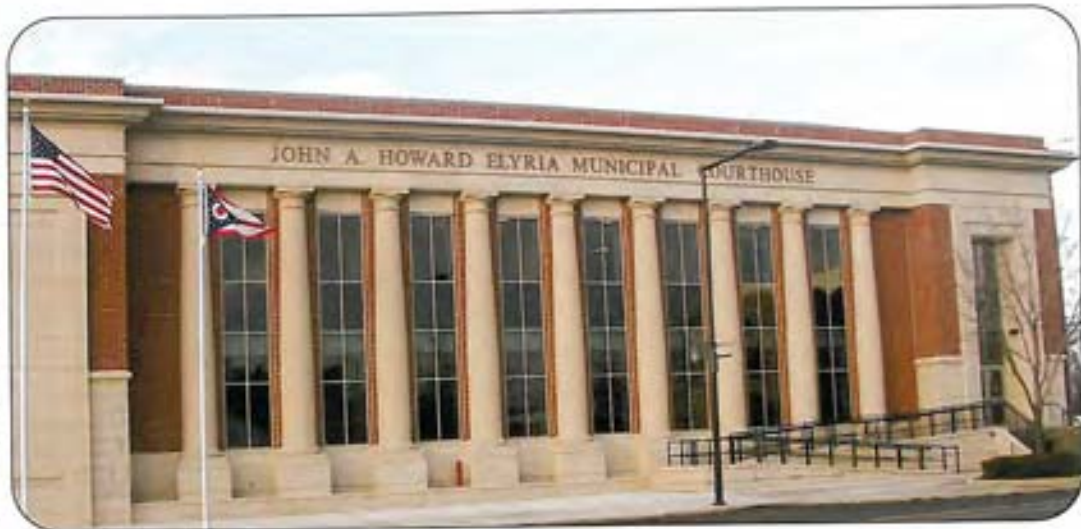
To avoid disrupting the ongoing classes and operations of CSU, the majority of the man hours were performed on a third shift basis and we are pleased to report that there were no recordable injuries throughout the duration of this project.



Bay Completes New Municipal Courthouse

The City of Elyria's long awaited municipal courthouse was dedicated on January 11, 2008. The state-of-the-art facility is named The Judge John A. Howard Elyria Municipal Courthouse in honor of the late Judge John A. Howard, the first black judge in Lorain County and the first black judge in the Ohio State Bar Association.

Bay Mechanical & Electrical was contracted to perform the HVAC and plumbing portions of the project. The building, which was designed by Brandstetter Carrol Zofcin, Inc. of Cleveland, is stately in appearance yet it boasts the latest in technology and security.



The project, which was in the planning stages for over eight years, was built without taxpayer dollars. It was financed totally with court costs. The two sitting judges, Judge Lisa Locke Graves and Judge John Musson, will handle over 22,000 cases a year between them.

Bay is proud to have been able to serve the City of Elyria again. We previously completed the new city hall project as well as numerous projects at their waste and water treatment plants.

Bay Awarded Fire Alarm Contract For Cuyahoga Community College



This multi-million dollar contract started in October 2007 and is scheduled for completion in October 2008.

The scope of work includes completely replacing the existing fire alarm systems and devices in a total of (23) buildings at the Metropolitan, Western, and Eastern Campuses. The contract also includes a long-term maintenance agreement. This is a challenging project with conduit and wire going to over (4500) fire alarm devices. Bay is performing this work on third shift to avoid disruption of ongoing classes and College activities.

The project was designed and engineered by URS Corporation of Cleveland. Bay is looking forward to working with URS and the staff of Cuyahoga Community College on this exciting project.

Bay was the successful bidder and was awarded the electrical contract to completely replace the existing fire alarm and detection system at all three campuses of The Cuyahoga Commu-

Nestlé Culinary Innovation Center

Bay is very excited to have been awarded the HVAC and plumbing contracts for the new Nestlé Culinary Innovation Center. This 67,300 square foot state of the art facility is being built in Solon, Ohio. Groundbreaking was in the spring of 2007 and the completion is slated for spring 2008.

Bay was awarded the project by the Stellar Group of Jacksonville, Florida. Stellar is one of the nation's leading companies in the design, engineering and construction of food processing facilities. Bay is proud to be chosen to participate in this project and is looking forward to working with Stellar and Nestlé FoodServices North America, two companies that are leaders in their industry.

NEORS D PLANT AUTOMATION CONTRACT ...continued from page 1

sites provide monitoring data, in real time, to the staff at all three plants and Sewer Control and Maintenance staff to optimize plant treatment and prepare for and monitor storm events. The regulator sites control flow through the collection system to optimize storage capacity within the system during storm events and to prevent combined sewer overflows to Lake Erie and other waterways. The rain gauges help in determining where it is raining, predicting the time when the flows will reach the treatment plants and rain intensity. The sampler site is used to sample flows for illegal dumping into the sewer. The Odor Control systems reduce collection system odors in populated areas. This project included a new control room to monitor the collection sites and maintain historical data.

The Plant Automation Phase 3 Project (PA-3) consisted of upgrading the current Process Monitoring Systems (PMS) at (3) Wastewater Treatment Plants, (111) remote collection flow and level sites, The Environmental And Maintenance Center (EMSC) and (27) Automatic Regulator Sites.

The upgrade provides real-time monitoring of all the plant processes and the monitoring of the collection system sites.

The EMSC facility became the central point for the transmission of all the collection system data to the appropriate wastewater treatment facilities. The transmission of data was accomplished using leased telephone lines, telemetry, and a fiber optic link.

New instrumentation was supplied and installed at all three treatment plants to monitor utilities, life/safety systems, and chemicals. New instrumentation included:

- Natural gas flow meters
- Electrical power meters
- Potable water flow meters
- Emergency eyewash station flow meters
- Combustible gas and hazardous gas monitors
- Chemical flow and level instrumentation
- Sludge blanket level monitors
- Sludge density meters
- Dissolved Oxygen analyzers

All new instrumentation was connected to existing plant PLC's and calibration and loop tests were performed. This project also included the fabrication and installation of (138) PLC control panels. Demolition included removal of existing control panels and panel-mounted instrumentation.

This project had many challenges to overcome. The plants and remote sites had to remain in operation. No bypassing of flows was permitted. Serious EPA violations would occur if over flows were permitted to happen.

With all the plants being at lowest elevation in their respective cities, any amount of rain would cause challenges to the project schedule due to limited shutdown opportunities.

This project was rewarding in so many ways. We are always happy to have the opportunity to work with the exceptional staff at NEORS D. Their cooperation and expertise make every project we participate in successful. We also had the opportunity to work with the consulting engineer Malcom Pirnie, Inc. Their excellent design and continuous support helped us complete this award winning project.

Last but not least we are very proud of this project's safety record. Bay had no OSHA recordable accidents in over 36,000 man-hours performed on this project.

Bay would like to thank NEORS D and Malcom Pirnie for their help in making this project the winner of the "2007 Award Of Excellence".