



Galvanized Steel Beams Expected to Save Road Commission Money

When Sanilac County, MI Road Commission Engineer/Manager Robb Falls made the simple observation that silos on his farm made with galvanized steel hold up better than those without, the idea was born to design the Babcock Road over Birch Creek bridge replacement with galvanized steel. The galvanized coating is anticipated to last approximately 60 years, versus the 20-year maintenance painting cycle of the traditional painted steel superstructure. Using galvanized steel for bridge superstructures is not a new idea, but it isn't often utilized. Robb shared his research about other long-standing galvanized steel bridges with ROWE engineers, who agree this could be a good option for other road commissions striving to save time and money on routine maintenance.

For this Michigan Department of Transportation Local Agency Program project, ROWE completed topographic and hydraulic surveys, creek hydraulics, and the production of TS&L, preliminary, and final plans, specifications, and estimates. The bridge has a span of 56 feet and width of 31.25 feet. Along with the galvanized steel beams, the project included hot-mix asphalt surfacing and guardrail. Davis Construction, Inc. was the contractor.

At right are two views of the new bridge.



Michigan made galvanized steel bridge history...
Constructed in 1966, the Stearns Bayou Bridge in Robinson Township, MI is believed to be the first fully galvanized steel bridge in the country and is still going strong. The bridge consists of eight spans and has a reinforced concrete deck that is supported on 30-inch rolled steel beams.

Learn about Emerging Issues in Community Planning May 4 for Free

ROWE is offering a great, FREE opportunity for local officials, administrators, and planning commission members to learn about emerging issues in community planning. Our planning staff will discuss signs, wedding barns, changes to the Right to Farm Act, and adaptive reuse of obsolete buildings during a presentation from 7-9 p.m. on **Wednesday, May 4**, at our downtown Flint, MI office located at 540 S. Saginaw Street, Suite 200. If you are interested in attending, please RSVP by April 29 to Rachel Yankee at RYankee@rowepsc.com or 800-837-9131. If you do not currently receive mailings about our semi-annual Community Education Series, please ask Rachel to add you to our list.

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ROWE Offers a Myriad of Construction Engineering Services

During the last two decades, ROWE has expanded the number of our construction engineering personnel, resources, and services we offer to meet the needs of our industry and growing clientele. Annually, our construction staff performs services on a variety of projects with a total value exceeding \$250 million in construction. These projects range from local city streets to highways, bridges, trails, municipal utilities, energy infrastructure, and industrial/commercial improvement projects.

ROWE's construction engineering group is comprised of dedicated engineers, construction managers, and field technicians with education and experience to perform a wide array of services. These individuals maintain several industry-recognized certifications to perform field-related services. Our diverse staff gives us the ability to tailor our services to meet our clients' needs for each project. Our construction group has the ability to administer and oversee various infrastructure projects, from bidding through final close-out. We also maintain numerous as-needed service contracts for which our staff members supplement the client's engineering team. Our construction engineering services include the following.

- Construction administration and document management
- QA/QC representation / field oversight/inspection
- Bridge inspections, including construction and in-depth
- Structural and building-related inspection
- Public infrastructure inspections (e.g.: road, sewer, water)
- Transportation information technology system inspection
- Subsurface utility investigation
- Protective coating inspection
- Office technician assignments for Federal Highway
- Laboratory and field testing of concrete and aggregate
- In-place density testing
- Construction survey and staking
- Soil erosion and sedimentation control inspections



St. Louis water tower construction staking



I-69 reconstruction



Karegnondi Water Authority water main

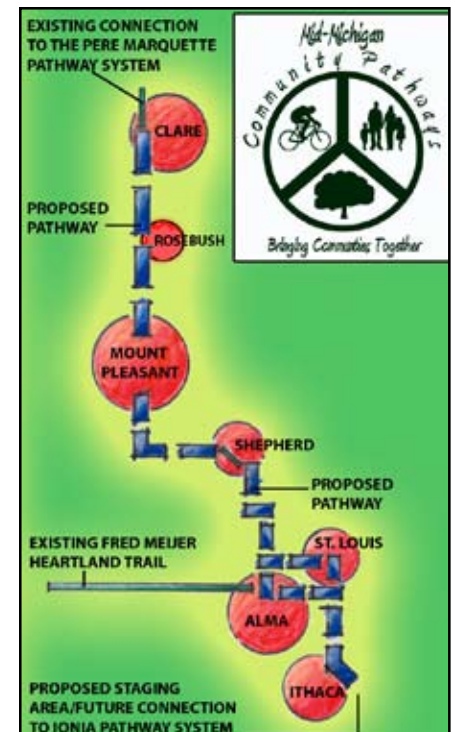
ROWE is Taking a Mid-Michigan Pathway from Vision to Reality

Saying we take projects From "Vision to Reality" is not just for marketing purposes – ROWE staff has once again assisted a client with aligning funding for a monumental project and will see the project through to completion. ROWE worked closely with the Mid-Michigan Community Pathways Group and project stakeholders to obtain \$151,500 for the design of a 6.6-mile-long, 10-foot-wide paved pathway. The pathway is proposed to begin at the MDOT Park and Ride near Ithaca and continue north within MDOT's US-127 right-of-way to the south side of the St. Louis/Alma area at another MDOT Park and Ride. It is the region's first non-motorized pathway being constructed in MDOT's limited access right-of-way.

ROWE participated in several presentations to local municipalities and other government agencies to gather support for the project and also assisted with the submittal of two grant applications to help fund the design and construction. This culminated with 10 different funding sources committing contributions towards the survey and design of the project.

Construction is being funded by an MDOT Transportation Alternatives Program grant, with match funding also coming from the State of Michigan. The project was bid in the beginning of February and construction is slated to begin this spring.

The pathways group's ultimate goal is to span the non-motorized pathway from Clare to Ithaca connecting the Pere Marquette and Fred Meijer trail networks, which will total more than 60 miles.



ROWE CEO John D. Matonich, PS, Retires

ROWE announces the retirement of Chief Executive Officer and Chairman of the Board John D. Matonich, PS, after many years of much-appreciated dedication and service.

John earned a B.S. in land surveying from Michigan Technological University in 1981 and joined ROWE that year. He served as the firm's chief operating officer from 1992 to 1999 and president from 1997 to 2014. From 2001 until his retirement in January, John served as chief executive officer. He will continue as chairman of ROWE's board of directors, a position he has fulfilled since 2006.

John has spent many years supporting the surveying industry, serving as president of the National Society of Professional Surveyors from 2009 to 2010 as well as fulfilling various leadership positions with the Michigan Society of Professional Surveyors, Wisconsin Society of Land Surveyors, American Congress on Surveying and Mapping, and American Council of Engineering Companies. He is also a member of the Professional Surveyors of Ohio.

Due to his passion and respect for the outdoors, he has served on the Michigan Natural Resources Commission since 2010 and was appointed as chairman of the commission by the governor two years ago.

Placing great importance on higher education, he has served on a variety of committees and boards for Michigan universities and colleges. John has always been eager to support the communities in which he lives and works and has been involved with the Genesee Regional Chamber of Commerce, Food Bank of Eastern Michigan, Lapeer Development Corporation, Lapeer Downtown Development Authority, Davison Chamber of Commerce, Burton Rotary Club, IMA Recreation Association, and Hundred Club of Flint. With an interest in seeing downtown Flint revitalized, he led the company in the decision to move the corporate headquarters into Flint – making the initial commitment at a time when the downtown business district had many vacant buildings.

John has worked hard his entire career and earned the opportunity to enjoy more time with his family and increased time in his beloved outdoors. We extend to him our gratitude and best wishes.



Above left is John's professional look; above right is John wearing clothes he much prefers. The big steel head he caught hung in his ROWE office for years.

Four Industry Organizations Bestow Honors on ROWE Projects



The Michigan Concrete Association selected the Genesee County Road Commission's **Hill and Elms roads roundabout** (above) on the border of Gaines and Mundy townships, MI as the winner in the Intersections Category. They chose the City of Fenton's **Red Fox Outfitters parking lot** (right) as winner of the Pervious Concrete Category.



At left, the City of Farmington Hills' **Riley Archery Range** received a Facility Design Award from the Michigan Recreation and Park Association.



Above, the Genesee County Drain Commissioner's **Lake Huron water supply intake** project near Port Huron, MI was chosen by the American Council of Engineering Companies of Michigan for an Engineering Merit Award and by the American Public Works Association-Michigan Chapter for a Public Works Project of the Year Award in the Environment, \$25M+ Category.



Leanne H. Panduren, PE, Assumes Role of ROWE's CEO

ROWE President Leanne H. Panduren, PE, is now also assuming the role of the company's chief executive officer. John D. Matonich, PS, who served as ROWE's chief executive officer since 2000, retired in January.

A 1993 graduate of Michigan Technological University, Leanne was hired by ROWE as an assistant project engineer in 1994. She was promoted to project manager and named an associate (shareholder) in 2000; named Civil Utilities Division manager in 2006; and was named a principal of the firm in 2010. She became a member of the board of directors in 2012 and was named president in 2014.

Leanne is president of the National Society of Professional Engineers' Educational Foundation, chairperson of the Michigan Society of Professional Engineers' Legislative and Government Affairs Committee, board treasurer of the Community Foundation of Greater Flint, chair-elect of the National Institute for Certification of Engineering Technologists' Board of Governors, and a member of the Michigan Technological University Civil and Environmental Engineering Professional Advisory Committee.



L. Panduren

Staff Updates

New Division Manager Announced

Jeremy M. Lynn, PE, has been named Construction Services Division manager. Jeremy earned a B.S. in civil engineering from Michigan Technological University in 2000 and joined ROWE the same year. He was named an associate (company shareholder) and project manager in 2009 and promoted to senior project manager in 2011.



J. Lynn

As manager of the Construction Services Division, he will oversee ROWE's staff of engineers and technicians responsible for the management and administration of highway and utility construction projects for MDOT, utility companies, county road commissions, and municipalities across Michigan.

Staff Member Earns Professional Engineer License

Alexander J. Temple, PE, earned his professional engineer license. He is an assistant project engineer in the Civil Utilities Division in ROWE's Farmington Hills office, where he assists with the design and analysis of various road and infrastructure projects. He received a B.S. degree in civil engineering from Michigan Technological University. Alex is a five-year ROWE employee.



A. Temple

Employees Lead Professional Organizations

Senior Project Manager **Douglas P. Skylis, PE**, was elected to a one-year term as president of the American Public Works Association (APWA) Michigan Chapter. His term begins in May. APWA provides professional development tools, networking opportunities, outreach activities, and engages in advocacy efforts to support the people, agencies, and organizations that plan, build, and maintain our communities.



D. Skylis

Doug is a ROWE associate (company shareholder) who has worked for the company for 22 years and has 31 years' engineering experience. He works in ROWE's Lapeer, MI office.

Project Surveyor **Marvin E. Myers, PS**, was elected in February to a two-year term as president elect of the National Association of County Surveyors (NACS). His term begins in July; after he completes the term, he will transition into serving as president of the organization. The NACS raises the level of service, efficiency, and character of the general public and county governments; fosters the professional growth of its members; is involved in the legislative process when necessary; and provides a voice for county surveyors on federal, state, and local issues. It is an affiliate organization of the National Association of Counties.



M. Myers

Marv is an 11-year ROWE employee with 37 years' surveying experience who works in ROWE's Grayling, MI office.

The ROWE Team Expands

John A. Brady joined ROWE as a graduate engineer in the Civil Utilities Division in the Flint, MI corporate office. He has a B.S. in civil engineering from Michigan State University and experience gained as an intern for another engineering company and a public utilities organization.



J. Brady

Samantha P. VanVlerah joined ROWE as a graduate engineer in the Transportation Division in the Flint, MI corporate office. She has a B.S. in civil engineering from Michigan State University and experience gained from interning at ROWE for two summers.



S. VanVlerah

For questions about these projects and more, contact Director of Corporate Marketing Jack Wheatley, PE, at JWheatley@rowepsc.com or (800) 837-9131.

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