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ROWE Part of Monumental Lake Huron Water Supply Pipeline

Half a century ago, City of Flint, MI officials began dreaming of building a pipeline to Lake Huron for a water supply. Over the last decade, renewed interest in a new regional supply has resulted in that dream coming to fruition and ROWE is part of this historic project.

ROWE's involvement in the project began 11 years ago and included managing studies that confirmed a Lake Huron water supply was a viable long-term option, was more reliable, equal in quality, and reduced in price, compared to continued service from the City of Detroit.

As a result of regional interest in the new water supply, the Karegnondi Water Authority (KWA) was formed, comprised of Genesee County,

Lapeer County, Sanilac County, the City of Flint, and the City of Lapeer to make the new supply a reality.

In 2012, ROWE was hired to complete the design and permitting of the new water intake at Lake Huron. On June 28, 2013, ground was officially broken for construction of the intake. ROWE will provide construction engineering for its construction over the next two years. Additionally, ROWE staff has begun the design of a 15-mile section of the 60-inch transmission pipeline planned for construction in 2014 and 2015.

The new water supply has an estimated cost of \$300 million and the system should be operational in 2016.

A Warm Welcome to Birch Run

The Village of Birch Run, MI has a new way to welcome people to its "traditional" business district – both day and night. ROWE worked with the village's downtown development authority to design a gateway to draw customers into the district. The arch, which lights up at night, is the first part of a wayfinding system. It spans 50+ feet over Birch Run Road, just west of the entrance to the Birch Run Premium Outlets.



At left, the arch is assembled; at right, the arch welcomes people to the Fourth of July parade. Photos are courtesy of the Birch Run Chamber of Commerce and Visitors and Convention Bureau.

As-Needed Grant Application Assistance May Be Just What You Need

Many communities and non-profits have a busy staff with limited time to scout grant opportunities and prepare applications. Providing grant application assistance on an as-needed basis is one way ROWE is helping these communities.

One example is our as-needed contract to assist the City of Novi, MI's parks, recreation, and cultural services departments. This spring, we provided a fast-track response to two Michigan Department of Natural Resources Trust Fund grant opportunities. Within a one-month time period, we met with the city to revise a previously submitted application to fit current funding and grant criteria and made it more competitive.

We also prepared and submitted a new application for a separate project. Novi intends to use the funds for a phase of one of their lakefront parks and to develop a segment within the city's trail system.

ROWE also recently assisted Oakland County Parks and Recreation; the cities of Flint, Grayling, Omer, Port Sanilac; the villages of Lakeview and Ortonville; Hayes Township; and the Saginaw Chippewa Indian Tribe.

Our engineering, landscape architecture, and planning staff often aid clients with grants for infrastructure projects. If you'd like to learn more about our grant assistance services, contact ROWE Vice President Jack Wheatley, PE, at 800-837-9131 or jwheatley@rowepsc.com.

ROWE Steps in to Help Save Village of Port Sanilac's Boating Season



With ROWE's assistance, boaters aren't missing out on docking in the beautiful Village of Port Sanilac, MI.

A combination of historically low lake water levels and reduced federal funding for dredging has left communities like the Village of Port Sanilac scrambling to maintain their recreational boating facilities. The State of Michigan developed an Emergency Dredging Program, making funds available in May.

ROWE staff assisted the village by securing

the necessary permits, completing surveys of the harbor, and preparing bidding documents. ROWE also worked with the village to prioritize and determine the limits for the planned dredging. The village received \$280,000 in grant funding.

A program was developed for dredging a total of 8,000 cubic yards from the entrance channel and in the docking area. The entrance channel was dredged to provide at least a 10-foot draft into the harbor; the work was completed in early June, ahead of the busy summer boating season.



Grants Help Two Central Michigan Communities Promote Health

ROWE is always excited about helping communities get their projects 100-percent funded by grants, and that is just what happened for two clients recently.

ROWE helped the City of Omer, MI and Hayes Township, MI draft and submit applications for, and successfully receive, Community Transformation Grants from the Together We Can Transform Central Michigan Communities Program. The funds were distributed by the Central Michigan District Health Department, which received the money from the U.S. Centers for Disease Control and Prevention to promote better health by providing more recreational opportunities in communities.

For Hayes Township, ROWE is updating the township's parks and recreation plan and master plan to include a greater emphasis on non-motorized facilities and the adoption of a complete streets policy.

For the City of Omer, ROWE is creating a parks, recreation, and non-motorized plan.

There will be no cost to the clients for these projects due to the grants.

ROWE had alerted the eligible communities in Arenac, Clare, Gladwin, Isabella, Osceola, and Roscommon counties about the grant opportunity via an emailed bulletin. If you currently do not receive bulletins from ROWE, please send your email address to newsletter@rowepsc.com with a request to be added to our list.

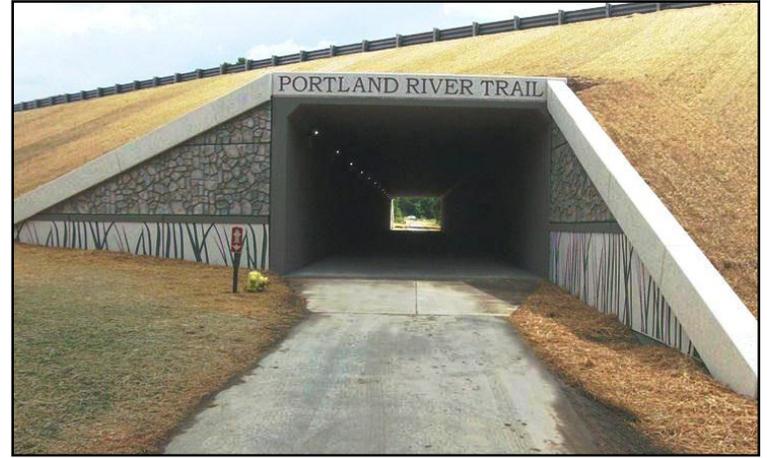
Everyone's Comfy at Band Shell



As the first phase of a multi-phase master plan for the City of Flushing, MI's Riverview Park, ROWE worked with NJB Architects, Inc. to design new seating (shown at top) to replace wooden benches (at right) with stadium-style armchair seats at the park's band shell. The new arrangement is sloped for better viewing of the stage, has wider aisles to increase accessibility for people with mobility limitations, and provides greater capacity. Funding was provided by the Rotary Club of Flushing.



New Culvert Covers Trail at I-96



ROWE performed lead inspection and oversight for the construction of a new concrete box culvert to replace an existing I-96 bridge in the City of Portland, MI. The project also included adding fill to eliminate the space below the existing bridge. The culvert covers part of the city's eight-mile paved riverwalk. ROWE performed the work as part of a Michigan Department of Transportation-Grand Rapids Transportation Service Center as-needed construction engineering contract.

ROWE Welcomes New Staff

- **Jerry D. Torresan II** joined ROWE as an engineering technician II in the Special Services Division in the Farmington Hills, MI office. He comes to ROWE with an A.S. in construction technology / renewable engineering and 13 years' construction engineering experience.
- **David M. Ames II** joined ROWE as a survey field technician I in the corporate office in Flint, MI. He comes to ROWE with 11 years' land survey / construction industry experience.
- **Ashley N. Kelley, LSIT**, joined ROWE as a graduate surveyor in the corporate office in Flint, MI. She comes to ROWE with a B.S. in applied biology from Ferris State University and three years' surveying experience.
- **Jonathan A. Lane** joined ROWE as an assistant project engineer in the Special Services Division in the Farmington Hills, MI office. He comes to ROWE with B.S. degrees in civil engineering and architecture from Lawrence Technological University and seven years' construction engineering experience.
- **Kevin P. Janes** joined ROWE as a graduate engineer in the Special Services Division in the corporate office in Flint, MI. He comes to ROWE with a B.S. in civil engineering from Michigan State University and two years' Michigan Department of Transportation (MDOT) summer co-op experience.
- **Britney K. Horton** joined ROWE as a graduate engineer in the Transportation Division in the corporate office in Flint, MI. She comes to ROWE with a B.S. in civil engineering from Michigan Technological University and three months of experience as an intern at ROWE.
- **Danielle N. Walley** joined ROWE as a graduate engineer in the Civil Utilities Division in the corporate office in Flint, MI. She comes to ROWE with a B.S. in civil engineering from Michigan State University and experience as an MDOT intern.
- **Jesse R. Thomas** joined ROWE as an engineering technician in the Special Services Division in the Farmington Hills, MI office. He comes to ROWE with an A.S. in architectural technology and civil technology and experience as an MDOT intern.
- **Jenna M. Moser** joined ROWE as a senior engineering technician in the Special Services Division in the Farmington Hills, MI office. She comes to ROWE with 18 years' engineering technician experience.
- **Scott A. Badger, EIT**, joined ROWE as a graduate engineer in the Special Services Division in the Mt. Pleasant, MI office. He comes to ROWE with a B.S. in civil engineering from Michigan Technological University and four years' construction engineering experience for MDOT.

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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