



**NEWS RELEASE**  
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**G2 CONSULTING GROUP WORKS ON HIGHWAY PROJECT FUNDED BY FEDERAL STIMULUS BILL**

**Troy, Mich./Jan. 13, 2010** – G2 Consulting Group of Troy, Mich., is providing geotechnical design and vibration monitoring services for a Michigan Department of Transportation (MDOT) project to rebuild nearly two miles of I-94 in Portage, Mich. – the nation’s 2,000<sup>th</sup> project funded by the American Recovery and Reinvestment Act (ARRA).

G2’s work is part of MDOT’s three-year project to relieve congestion along one of Michigan’s main commercial trucking corridors by widening I-94 from four lanes to six and rebuilding the Westnedge Avenue interchange as a more efficient single-point interchange. ARRA provided \$43.9 million in federal stimulus dollars to fund the total project.

Walter Toebe Construction Co. of Wixom, Mich., the project’s primary contractor, selected G2 to provide specialized geotechnical services for the reconstruction of four I-94 bridges – eastbound and westbound bridges over a Norfolk Southern Railroad line and Portage Creek, and eastbound and westbound bridges over Westnedge Avenue.

G2 designed earth retention systems that allow Toebe to safely perform construction activities on and around the four bridges. Throughout the construction process, G2 will also monitor the level of vibrations experienced by an existing 60-inch sanitary sewer line adjacent to the new center pier on one of the bridges. G2 designed a system that uses multiple geophones installed within casing adjacent to the underground sewer line to detect vibrations and transmit the information to instruments that record vibrations. Those instruments – which run on batteries charged by solar panels – send the data via modem to G2’s Troy headquarters. There, an engineer monitors the data to confirm that vibrations from construction activity don’t exceed levels that could damage the sewer line.

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