



For Immediate Release

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G2 Consultants Engineers Fast “Jig-Saw” Solution

Work on Seattle, WA. hospital part of G2’s growing national project portfolio

Troy, MI, October 21, 2014 -- Construction of the much-needed new 400,000-sq-ft multi-level parking garage at the Veteran Administration’s Puget Sound Healthcare System was chugging along right on schedule until the hospital’s design team unexpectedly had to change the interim grading plan. The change threatened both the schedule and budget of the project and required a total redesign of the temporary earth retention wall.

“Working with our partner on the project, Malcom Drilling, our team was able to redesign the entire system to accommodate the new site conditions using the materials that had been fabricated for the original temporary wall design,” says Noel Hargrave-Thomas, P.E., partner at Troy, MI-based G2 Consulting Group, the nationally recognized geotechnical, environmental, and construction engineering firm that completed the assignment. “We did it in a five day design marathon. It was like solving an engineering jig-saw puzzle on the fly.”

By incorporating the already fabricated system components into the retaining wall redesign, G2 was able to help minimize additional earthwork, materials costs, and construction delays on the multi-million dollar project. As a result, the project was completed on time and on budget.

“We promise ‘Smart. Results. Fast.’ at G2,” says Hargrave-Thomas. “The Puget Sound project is a textbook example of delivering on the promise.”

G2 has a team of engineers that specialize in temporary earth retention system projects. The company recently provided critical geotechnical and construction engineering expertise to the team reconstructing seven miles of I-96 in Michigan. Running beneath and adjacent to I-96 is a network of civic infrastructure, most notably a 48-inch diameter Detroit Water and Sewerage Department water supply pipeline that could not be compromised. G2 designed 11 earth retention wall systems that safeguarded this and other assets during the excavation phase, while minimizing construction materials and reducing construction time. This highly visible project was the largest awarded in MDOT history and included rebuilding 56 lane miles of freeway, repairing 37 bridges, reconstructing 22 ramps, and installing new lighting and utilities – in 167 days (two weeks ahead of schedule).

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About G2 Consulting Group:

G2 Consulting Group (G2consultinggroup.com and twitter.com/G2_consulting) is a geotechnical, geoenvironmental, and construction engineering firm that has delivered tens of thousands of telecommunications, land development and civil infrastructure projects for two decades across the United States. Based in Troy, Michigan, G2 also has offices in Ann Arbor, MI and suburban Chicago, IL.