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G2 solves “soggy soil” on Rochester Hills job

Rochester Hills, MI., November 20, 2014 -- Outside the box thinking helped G2 Consulting Group assure that the Wellbridge rehabilitation facility in Rochester Hills, Michigan, would be completed on schedule, on budget, and, most importantly, on solid ground.

The spring thaw after last winter’s record snowfall caused soft, soggy soil conditions that threatened to delay the project. The ground elevation was up to nine feet below finished grade across the project site.

Since bringing in new soil would have been time consuming and costly, G2 Consulting Group, the Troy-based nationally recognized geotechnical, environmental, and construction engineering firm, implemented a process called Lime stabilization to quickly improve the soil quality and characteristics.

“We had to dramatically reduce the moisture content in the onsite soil before we could use it as engineered fill to raise site grades up to nine feet,” says Amy Schneider, G2’s project manager on the job. “We were able to initiate lime stabilization on the property which changed the composition of the soil almost instantly. Then we performed the construction testing to meet city requirements, confirmed the density of the soil, and were able to continue the job on time. With the frost loads that were in effect at the time, having to import new soil would have delayed construction and added significantly to the cost.”

“We pride ourselves in eliminating roadblocks and coming up with realistic solutions to unexpected conditions in the projects we’re called in on,” says G2 Partner Mark Smolinski. “That’s what we did here and were able to help keep the project on schedule and on budget.”

Headquartered in Troy, Mi., G2 is a frequent partner with Wellbridge having conducted geotechnical research for Wellbridge facilities in Romeo, Fenton and Grand Blanc, MI., prior to the Rochester Hills development. G2 also worked with Wellbridge’s predecessor company, Medilodge, on projects in Pinkney, Taylor, Oxford and Novi. G2 served as a consultant to J. W. Design Architectural Studio on the Wellbridge assignment.

The Wellbridge Group operates acute rehabilitation and nursing care centers in a comfortable, therapeutic environment. The company’s facilities are designed to look residential and therefore blend into their surrounding communities.

To watch a brief video from the Wellbridge site, please click [HERE](#) or visit www.g2consultinggroup.com. Interested parties can opt-in for future G2 updates by subscribing to our [blog](#).



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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.