

GEOTERRA® Mats

SOFT-SOIL BRIDGING FOR HEAVY ACCESS

OWNER:
General Motors,
Wyoming, MI

CONTRACTOR:
Granger Construction Co.,
Lansing, MI

MATERIAL SUPPLIER:
CSI GeoTurf Inc.,
Byron Center, MI



GEOTERRA Mats were the answer.

Rich Grove, Superintendent with Granger Construction, said the GEOTERRA mats worked 'fantastic' and did not know what else they could have used that would have been lightweight, easy to move and withstand the weights and ground pressures exhibited with the concrete trucks.

Sand Sub-Base Creates Access Challenge for Concrete Trucks

LOCATION: Wyoming, Michigan

SOFT SOILS PREVENT SAFE ACCESS

After removing an existing concrete floor of a General Motors manufacturing plant in Wyoming, Michigan to pour new concrete floors, general contractor, Granger Construction, found the sand sub-base inadequate to support concrete trucks delivering the new concrete. With the vast size of the building, concrete could not be conveyed in or pumped in, so a 'temporary' access road was needed to supply the concrete to the pour sites.

CONSTRUCTION MATS BRIDGE SOFT SOILS, ALLOW ACCESS

GEOTERRA® Mats and a non-woven geotextile were proposed by CSI GeoTurf, local geosynthetics material supplier, and installed to build the temporary roadways. The mats were preassembled into larger 10 ft. x 12 ft. sections. At approximately 2 lbs./sf, these mats weighed less than 250 lbs.

After each pour, the GEOTERRA mats and the underlying geotextile were picked up, palletized, and staged for deployment for the next pour. The entire concrete area was approximately 320,000 sf. **The GEOTERRA mats proved to be the right mat for the access challenge.**



Sand subbase created access problems for loaded concrete trucks. GEOTERRA mats worked well to bridge the soft soils, preventing rutting and allowing safe access.

www.GeoTerraMats.com

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