

Clinton Township Schools Project Profile

G2 Consulting Group, LLC was retained by Chippewa Valley Schools and DiClemente Siegel Design Inc., an architectural firm, to perform



geotechnical investigations at four existing elementary schools in Clinton Township. Additions including conference rooms, computer rooms and a gymnasium were planned for each school site. Additionally, each school planned to rehabilitate or replace the existing pavements.



The geotechnical investigations were performed to obtain the necessary subsurface information to provide recommendations for subgrade preparation, foundation type, construction considerations, and pavement recommendations.

Soil borings were performed within the proposed building additions and the existing or proposed pavement locations. Two of the schools had fill soils present at the ground surface, extending to depths of approximately 3-1/2 feet. In general, however, soil conditions consisted of native cohesive and granular soils.

G2 provided laboratory testing to evaluate the physical properties of the soil. Laboratory testing included unconfined compressive strength, dry density, and natural moisture content determina-



tions.

Based on the existing subsurface conditions and estimated loading conditions, we recommended the proposed additions be supported on shallow foundations extending through the fill materials to bear on suitable native soils.