HOC-664 Realignment
Hocking Hills State Park
Hocking County, OH

Project Description

Pro Geotech, Inc. was retained by Stantec to provide subsurface exploration services for the realignment of State Route (SR) 664 in Hocking Hills State Park (HHSP), Hocking County, Ohio. The project included the relocation of approximately 5,200 feet of SR 664 to the north of existing SR 664. The proposed realignment started near the HHSP Lodge Road, to the west, and ended just east of Culp Road. Our scope of services for this exploration included advancing a total of 36 test borings across the project site. Subsurface exploration was performed in 2 phases. The borings were advanced for either, culvert foundation design, pavement design, embankment design, rock/side hill cut slope and catchment design, or side hill fill design, or a combination of more than one of these. The borings were advanced to depths ranging from 5.7 to 61 feet below the existing ground surface. Rock was cored in most of the test borings due to relatively shallow depths to rock. All test borings were advanced in accordance with the ODOT Specifications for Geotechnical Investigations. Upon completion of drilling, sampling, and testing, a geotechnical engineering report which included geology of the site, typed drilling logs and laboratory test results, general recommendations and discussions pertaining to rock cut slopes and catchment design, embankment foundation soil strength, compressibility and stability of embankment, culvert foundation design, potential pavement design, earthwork considerations, groundwater management, and construction monitoring were prepared. Also, prepared were soil profile drawing sheets in accordance with the ODOT Specifications.

Client:
ODOT District 10
c/o Stantec
1500 Lake Shore Drive,
Suite 100
Columbus, Ohio 43204

Contact:
Mr. Thomas Morman, P.E.
(614) 486-4383

Performance Period:
2008-2010

Project Costs:
$84,437 (Fee)

PGI's Role:
Field Exploration
Laboratory Testing
Geotechnical Report

Pro Geotech, Inc