



PROJECT DESCRIPTION SHEET

PRESQUE ISLE DOWNS

Project Name: Presque Isle Downs

Location: Summit Township, Erie County, PA

Owner: MTR GAMING

Our Client: MTR GAMING

Our Role: Quality Control And Geotechnical Engineering Services

Date Project Awarded: 2005

Project Monetary Value: \$110,000,000

Project Description: A 270 acre Greenfield development comprised primarily of a horse racing track and casino.

Zell Engineers, Inc. Work Description: ZELL recently completed a project in Erie, Pennsylvania. The project consisted of grading nearly 270 acres of land and constructing a mile-long race track, a gaming facility, roads, bridges and several other support structures. Our services on this project included review of Preliminary and subsequent Geotechnical Investigation reports, leading to a more accurate data interpretation, design revisions and corrective measure.

In addition Hydrologic Studies and remedial design to alleviate chronic subsurface moisture problems.



Quality Assurance and Quality Control testing and documentation of:

- Nearly 1.4 million cubic yards of earthwork
- Foundations for a temporary and a permanent bridge
- Placement of Sewer and electrical lines
- Construction of the race-track with select materials
- Construction of two major culverts supported on 100s of Micropiles
- Several acres of parking lot and roads pavement



Planning and implementation of program to ensure that construction activities did not impact nearby named creek and other environmentally sensitive areas at the site.

Review of building foundation design to evaluate potential effects of dynamic loading due to pile driving - which opened the door for accepting alternate designs such as Auger Cast Piles (which were subsequently installed).

Attending weekly construction meetings and contributing to the progress of the project.

References: Available Upon Request

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