



LP FIELD™ SUBSURFACE EXPLORATION

In Geotechnical Engineering Terms LP Field™ Was a Touchdown!

For projects large and small, having the right expertise on your team to meet specific design objectives is always a good call!

In the mid-1990s, the geotechnical exploration team who set out to meet design objectives for Nashville, Tennessee's municipal stadium included one of TTL's leaders today. Rick Heckel, P.E., now principal geotechnical engineer and chief operating officer for TTL, Inc. recalls the challenges and how they were overcome.

"With the stadium budget set between the City and the contractor," Heckel explains, "we had to accurately identify site conditions and optimize our recommendations in terms of costs. Having proven experience to analyze sub-surface conditions and foundation requirements for that type project paid off – just as it does in my work with TTL today."

The principal foundation type was driven H-piles to bedrock. More challenging was analyzing load capacities for horizontal and uplift loads. Recommendations included lateral capacity of piles and grade beam systems to resist horizontal loading and use of rock anchors for structures such as the scoreboard with high uplift loads.

LP Field™ (originally called Adelphia Coliseum) is located on the east bank of the Cumberland River and seats 68,798 fans. It is home to the NFL Tennessee Titans, The Tennessee State University Tigers and the NCAA's Music City Bowl.

Need an experienced team to keep your project on track? Visit www.ttlusa.com //



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