



Case Study in Innovative Underground Construction

Michael Traylor, Co-President
Michael Krulc, Project Manager
Traylor Bros. Inc.

WEDNESDAY, November 12th at NOON in BB W210
- Lunch Provided -



Over the past 68 years, Traylor Bros., Inc. has constructed numerous technically challenging underground projects. Many of these projects required new and innovative methods, equipment, technology, and processes in order to successfully complete them. Examples of innovations that will be discussed include the tunnel and shaft mucking system at the Blue Plains tunnel project in Washington, D.C.; overcoming tunnel flooding on the North East Interceptor Sewer tunnel in Los Angeles, CA; and Hyperbaric preparations on the Tunnel Boring Machine for the Sound Transit U220 project. We will elaborate on the technical details as well as the engineering staff's role in overcoming the challenges.



Michael Traylor is Co-President, CEO, and Co-Chairman of the Board of Directors of Traylor Bros., Inc. Together with his brother, Christopher, he is responsible for overall management of the third-generation family-owned company. Michael began his career at Traylor in 1991 as a field engineer in Traylor's Bridge and Marine Division. After working on the Tampa Bay Bridge as a field engineer and bridge superintendent, he filled the roles of estimator, project coordinator, and division manager before moving to Traylor's Underground Division in 1997. Michael spent the next decade managing some of Traylor's most exciting underground projects, including four major tunnels in Los Angeles. In 2002, Michael was promoted to Vice President and Underground Division Operations Manager. In 2007, he was named Co-President of the company while remaining in key leadership roles on Traylor's highly successful Queens Bored Tunnels project in New York City and the University Link Tunnels in Seattle. Michael earned Bachelor of Science in Civil Engineering and Geology from Duke University in 1989. Working for 25 years in nearly every role in Traylor Bros. and in both divisions—from field engineer to upper management, from bridges to tunnels to operations support—has resulted in the unique set of skills and experience that make him the effective leader he is today.



Michael Krulc, P.E. is a Project Manager with Traylor Bros., Inc. Michael began his career at Traylor in 2002 as a field engineer in Traylor's Underground Division. After working on the Northeast Interceptor Sewer in Los Angeles as a field engineer, he was promoted to Assistant Project Engineer on the San Vicente Pipeline Tunnel in San Diego, CA. He then filled the role of Project Engineer and then later Project Manager on the Sound Transit University Link Light Rail Contract U220 in Seattle, WA. His most recent role is Design Build Coordinator for the Bored Tunnel, Crosspassages, SEM Cavern, Cut and Cover Guideway, Alignment, and Trackwork on the Regional Connector transit project in Los Angeles, CA.

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