

PROJECT TITLE AND LOCATION:

Tunnel Dewatering Technical Support and Dispute Resolution Board Expert Witness

BRIEF DESCRIPTION OF PROJECT:

Tunnel Dewatering and Technical Support

As part of the Los Angeles subway system construction, Mr. Traylor provided a review of the contractor's construction dewatering plan for a portion of the Red Line Segment C-0331 construction, pertaining specifically to groundwater inflows during the tunneling transition from unsaturated alluvium, through saturated alluvium, and thereafter into saturated bedrock. As a part of the review, additional hydraulic parameters were obtained using previously collected data in addition to collecting supporting aquifer test data. Anticipated inflows to the tunnel were recalculated using several numerical models.

Technical Support – Dispute Resolution Board Hearing – MTA Segment C331

Mr. Traylor represented the tunneling contractor in a hearing before the MTA Dispute Resolution Board (DRB) specific to dewatering issues along the North Hollywood Tunnel Contract C331. Mr. Traylor presented dewatering aspects specific to anticipated versus actual inflow to the tunnel as the tunnel advanced from an unsaturated recent soil through a saturated interface into saturated Topanga Formation.

Expert Witness – Construction Dewatering

Mr. Traylor was retained to review information, data, plan submittals, and reports regarding the Construction Dewatering Plan submitted by the tunneling contractor for Metro Transportation Authority (MTA) Metro Red Line Segment 3, Construction Contract Unit C331 (Redline Contract C331) for the Universal City Tunnel to North Hollywood Segment (Station 940 through 957). Mr. Traylor, as percipient and expert witness, prepared an expert opinion regarding the construction dewatering plan, grouting activities, and clarification and information requests associated with the Redline Contract C331 as it pertained to cost recovery litigation.