

Survey Engineer Position for Purple Line 2 TUNNEL PROJECT

Job Description:

The student would become part of a team to build two 22' diameter subway tunnels in Los Angeles in addition to being involved in the construction of 15 cross-passages between the twin tunnels. The guidance of the tunnel boring machines requires precise survey with theodolites and a gyroscope as well as a specialized guidance system that the candidate will be trained to use and will be actively involved in advancing the system forward. This would be the larger portion of the candidate's workday.

The second part of the job will be the involvement on the civil side of construction. This is also an exciting field of working with the tunnel boring machines and of helping construction crews setup ground support for the cross passages and later on concrete operations for the cross passages and the entire tunnels.

This job will be a great opportunity for a Surveyor in Training to be involved in high precision and highly specialized survey operations.

Requirements:

Bachelor degree in Civil Engineering or Survey Engineering

EIT certificate or SIT certificate *(if Student shows a good knowledge base at the interview this requirement could be left out)*

Capable of producing 3D design drawings in standard Cad Software (AutoCad 3D,...)

The candidate will become an integral part of the team building two large diameter subway tunnels in Los Angeles including all the cross passages. The nature of the work requires a detailed oriented engineer who is interested in survey operations and all associated aspects like gyroscopic surveys.

The job will initially be more of an office position, but will merge into a more project orientated role as construction of the tunnels/cross passages commences.

During the interview the candidate will be tested on his engineering skills.

Contact Info:

Tony Hupfauf | Project Engineer
Frontier-Kemper Constructors, Inc
LACMTA Westside Purple Line Extension Section 2 Project
Mobile: +1.213.215.9251