



**EDUCATION**

Associates, Construction/Concrete  
Technology  
Alpena Community College

**CERTIFICATIONS**

ACI and MCA Level I Concrete Field Testing  
Technician  
MCA Level II Advanced Concrete  
Technician  
Certified Level I Nova Brick Installer  
Certified Level I Allen Block Installer  
*TCG is a Stadium® and ASSHTO Certified  
Laboratory*

Larry leads all aspects of laboratory services and testing, and is responsible for the accuracy of all data generated by the lab technicians. He schedules, coordinates and supervises all laboratory projects, both internally and externally, and oversees the QA/QC process.

Larry manages the certification process for ASTM, AASHTO and CCRL, making certain that TCG meets all specifications. He also coordinates the training of lab personnel and ensures they are current with the necessary certifications by ACI and MCA Associations.

His background in the construction and ready-mix industries affords him the opportunity to view projects from the perspective of both owner and client. He relates well with all customers and is always available to discuss testing options to make certain the proper tests are performed for the required results.

**PROJECT EXPERIENCE**

**Transport Properties of Lightweight Concrete**

Coordinated an evaluation of ten expand shale, clay, and slate, coarse and fine aggregates from across the United States. The focus was on transport properties to aid in developing 100-year service life concrete. A variation of 15 different tests were performed.

**San Diego International Airport, San Diego, California**

Conducted preliminary service life analyses of above-grade reinforced concrete elements based on design assumptions; provided onsite support related to durability; conducted reviews of mix design submittals to ensure compliance to specifications and durability requirements.

**D.C. Cook Nuclear Plant Fire Protection Pipe Rupture, Bridgman, Michigan**

Conducted an evaluation of the material degradation of a ruptured fire protection water supply pipe. Non-destructive tests were performed in the laboratory on pipe sections.

**University of Phoenix Cardinal Stadium, Phoenix, Arizona**

Conducted a site investigation where core specimens were obtained from stadium structural members. Extensive laboratory testing and evaluations were conducted to determine possible ASR issues.

**U.S. Embassy, Astana, Kazakhstan**

Provided a site investigation for corrosion potential of foundation piles. On-site and laboratory soil investigations were conducted.