

NEW

# LEAN IN ROAD OPERATIONS & CAPITAL PROJECTS



## Course Overview

LEAN 6 Sigma and Project Management are proven approaches to improve efficiency and outcomes in a broad range of processes and industries. In this one-day introductory seminar, you will learn the basics of these methodologies and how to apply them in road operations and capital projects, to do more with less without sacrificing quality.

**Who Should Attend:** Managers and Supervisors who are looking to:

- ▶ Improve quality
- ▶ Reduce cost
- ▶ Reduce delivery times or lead times
- ▶ Enhance customer and employee satisfaction and morale
- ▶ Improve safety
- ▶ Mitigate environmental impacts

## Course Objectives

The seminar will be delivered in two parts: LEAN in Operations, and LEAN in Capital Projects, with a focus on operations and capital projects in a municipal roads environment.

### Part 1 - LEAN in Operations

- ▶ Understand the basics of LEAN Six Sigma
- ▶ Understand how LEAN Six Sigma can be applied in road operations
- ▶ Learn to find waste and variation

- ▶ Learn to make daily small process improvements
- ▶ Overview of LEAN daily management

### Part 2 - LEAN in Capital Projects

- ▶ Understand the basics of Project Management
- ▶ Understand the need for planning and daily monitoring of projects
- ▶ Overview of PMP (Project Management Professional) Certification
- ▶ Learn to find waste and variation in projects
- ▶ Understand the meaning of a successful project—a project that is completed in scope, schedule, budget, and quality

**Evaluation/Documentation:** Individuals who successfully complete this one-day course will earn a White Belt certification in LEAN 6 Sigma.

**About the Facilitator:** Developed and delivered to you by QCDMS Consultants