

Asset Management of Road Networks

DATE: October 3 - 7, 2016
COURSE CODE: AMAM05-16
LOCATION: Mississauga, ON
FEE: \$1,800

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This is an overview of the types of road surfaces commonly found in municipalities, road classifications, the material design, composition, and life cycles of gravel, surface treated, flexible and rigid pavements, pavement distresses and condition rating systems. The context and strategies required to preserve public investment in road infrastructure of all types in order to maximize their service life. Strategies and options for rehabilitation treatments will be discussed. Data management and record keeping requirements will be emphasized. The management of road related assets such as traffic control devices and street furniture is also included.

Course Content

- Classification of roads
- Types of municipal roads
- Managing road related assets
- Determining the life cycle of gravel, surface treated, asphalt, and concrete roads
- Common pavement distresses
- Evaluating condition
- Condition rating systems
- Prioritizing rehabilitation strategies
- Record keeping

Who Should Attend

Middle and senior managers with responsibility for the management of municipal public assets.

Format

In-class case studies, individual assignments and group assignments will reinforce the reading, presentations, and class material.

Evaluation

Overall grade of 65%