



Traffic Project Development and Delivery Course

21 – 25 February 2027
Langkawi

Traffic Project Development and Delivery Course

Ref: 572_144063 **Date:** 21 – 25 February 2027 **Location:** Langkawi **Fees:** 8000 Euro

Overview

Traffic Project Development and Delivery Course is a five-day advanced course for transport and delivery teams who leave with a Traffic Project Development Roadmap. Participants connect traffic project development decisions to corridor evidence, concept alternatives, demand and safety screening, interfaces, preliminary design, procurement, construction traffic management, commissioning, and operational handover. The course replaces fragmented handoffs with traceable lifecycle gates, decision criteria, and readiness controls. Agile Leaders Training Center presents traffic project delivery through practical lifecycle artifacts.

Who Should Attend

- Teams defining traffic problems, corridor needs, and performance outcomes
- Functions analyzing demand, operations, safety, and improvement alternatives
- Groups coordinating design inputs, utilities, land, access, and stakeholder interfaces
- Personnel preparing approvals pathways, procurement packages, and construction readiness
- Teams responsible for work-zone traffic, commissioning, handover, and operations

The course assumes participants already contribute to traffic improvement projects, and it leaves out detailed geometric design, statutory approval, legal advice, professional certification, and project-specific engineering sign-off.

Departments and Industries

The course supports departments and industries that plan, design, procure, construct, and operate traffic improvements.

- Transport planning, traffic engineering, and network operations
- Road infrastructure, public works, and municipal services
- Engineering consulting, design coordination, and project management
- Construction, utilities, logistics, and access management
- Property development, industrial sites, and mobility services

Learning Objectives

By the end of this course, participants will be able to:



- Analyze traffic needs, corridor evidence, assumptions, and performance criteria
- Compare concept alternatives through demand, operations, and safety screening
- Build a preliminary design basis and approval pathway
- Apply interface, procurement, staging, and traffic management controls
- Evaluate commissioning, handover, and operational readiness
- Design a Traffic Project Development Roadmap

Course Agenda

Day 1: Need, Evidence, and Outcomes

- Traffic Problem, Purpose, and Need Statement
- Corridor Baseline and Data-Provenance Register
- Stakeholder, Land, Utility, and Interface Map
- Traffic Performance Measure and Decision-Criteria Set
- Project Assumption, Constraint, and Evidence-Gap Log

Day 2: Concepts and Alternatives

- Demand, Movement, and Network Scenario Profile
- Concept Option and Operational Strategy Catalogue
- Safety Risk and Conflict-Point Screening Matrix
- Multi-Criteria Traffic Alternative Evaluation Model
- Preferred Concept and Decision-Evidence Record

Day 3: Development and Design Basis

- Traffic Analysis Scope and Tool-Selection Plan
- Preliminary Traffic Design Basis and Requirement Register
- Signal, Signing, Marking, and ITS Interface Schedule
- Approval, Consultation, and Submission Pathway Map
- Cost, Schedule, Risk, and Delivery Assumption Baseline

Day 4: Procurement and Construction Readiness

- Traffic Project Procurement Package and Responsibility Matrix
- Utility, Access, Right-of-Way, and Stakeholder Interface Plan
- Construction Staging and Traffic Management Plan
- Work-Zone Mobility, Safety, and Mitigation Register
- Commissioning, Handover, and Operational Readiness Checklist



Day 5: Traffic Project Integration Practice

- Exercise: Validate Need, Evidence, and Decision Criteria
- Exercise: Compare Concepts through Demand and Safety Screening
- Exercise: Build the Design, Approval, and Procurement Path
- Exercise: Test Construction Traffic and Handover Readiness
- Capstone Exercise: Traffic Project Development Roadmap

Practical Exercises

The course uses suggested activities to connect traffic evidence, lifecycle decisions, delivery interfaces, and operational readiness.

- Suggested activity: convert corridor observations, data limitations, stakeholder concerns, and performance needs into a traceable problem-and-evidence register.
- Suggested activity: compare improvement concepts using demand scenarios, operational measures, safety risks, interfaces, and decision criteria.
- Suggested activity: assemble a preliminary design basis, approvals pathway, procurement package, and construction traffic management controls.
- Suggested activity: test commissioning and handover evidence, then integrate the outputs into a Traffic Project Development Roadmap.

FAQs

Who suits the traffic project development and delivery course and what does it assume?

It suits teams involved in traffic planning, engineering, design coordination, procurement, construction, and operations, and assumes participants already contribute to traffic improvement work.

How does traffic project development differ from general construction project management?

Traffic project development centers on corridor evidence, operational performance, safety, traffic interfaces, work-zone mobility, and handover to network operations, while general construction management covers broader cost, schedule, contract, and site controls.

What is a Traffic Project Development Roadmap?

A Traffic Project Development Roadmap links the need statement, evidence, alternatives, design basis, approvals, interfaces, procurement, staging, commissioning, and operational handover through defined decision gates.



How are traffic improvement alternatives compared?

Traffic improvement alternatives are compared with agreed criteria covering demand, movement, operations, safety, interfaces, constructability, cost and schedule assumptions, and delivery risks.

What supports construction readiness for a traffic project?

Construction readiness depends on coordinated design requirements, utility and access interfaces, procurement responsibilities, staging, traffic management controls, mitigation actions, commissioning evidence, and handover criteria.

Conclusion

Participants take back a Traffic Project Development Roadmap that connects evidence, alternatives, design requirements, interfaces, procurement, construction traffic, commissioning, and handover. The roadmap makes decision gates, dependencies, and readiness conditions visible across delivery teams. It helps organizations progress traffic improvements with traceable evidence and operational continuity.