

CDOT SWMP Certification Course

SWMP Development for CDOT - Roles and Responsibilities

- Resident Engineer (RE) – the Engineer of Record,
- Project Engineer for Design (aka Design Engineer (DE))– packages the project through design, provides information to the SWMP Administrator for Design. The Design Engineer works under the Resident Engineer. We will discuss this role in Module 5, the SWMP template.
- Construction Project Engineer (PE) – builds the project, provides construction advice about the project to the SWMP Administrator for Design if this person has been identified during the SWMP development timeframe.
- Regional Environmental Specialist/Regional Environmental Project Manager – provides the project’s environmental information for the Form 128, provides location and mitigation plans of sensitive habitats, historic/cultural concerns, T & E species, wetlands, and environmental commitments or concerns.
- Regional Planning and Environmental Manager (RPEM) – signs the environmental clearance (Form 128), SWMP Administrator for Design provides water quality clearance and final SWMP to the RPEM so the RPEM can sign the 128.
- Landscape Architect (LA) – designs mitigation plans and is involved with providing seed mixes through to designing revegetation plans for a project. The LA may design the SWMP or be the SWMP reviewer if a CDOT employee, and addresses soil/slope concerns.
- Hydraulic Engineer – prepares drainage plans, provides drainage system that is shown on the SWMP including permanent water quality features and permanent check dams if they are required for a project.
- Maintenance - maintains the facility, communicates existing drainage system issues to be repaired by the project. Maintenance ultimately ends up with the project so it is important that they be part of the development and design process.
- SWMP Administrator for Design – Designs the SWMP (typically first four tabs and provides the information for tabs on photos of pre-disturbance vegetation and the hydraulic engineer’s designed permanent water quality) during the design of the project through to bid/advertisement.
- SWMP Reviewer – Reviews the SWMP designed by the SWMP Administrator for Design. The SWMP reviewer may not be the SWMP Administrator for the Design and MUST be a CDOT employee. A SWMP review of the full SWMP is review prior to construction.
- SWMP Administrator for Construction – Must be TECS certified and is responsible for the SWMP once the project has been assigned to a Contractor. SWMP Administrator for Construction is also responsible for ensuring all items per CDOT specification, Section 107.25 and 208 have been added to the SWMP.

Certification as a SWMP Preparer enables you to be the SWMP Administrator for Design or the SWMP Reviewer.