

Oregon Department of
Transportation

Erosion and Sediment
Control Inspection

Introduction
and
Background

Purpose

- In this class, Inspectors will be trained to inspect construction projects to evaluate and document Erosion and Sediment Control (ESC) work that has been performed by ODOT Contractors

Learning Outcomes

- Be able to read and interpret ESC plans
- Learn to identify when an ESC Plan needs to be modified to reflect site conditions
- Be able to communicate effectively with other employees and contractors & subcontractors regarding ESCs

Learning Outcomes

- Be able to direct the proper installation and removal of temporary and permanent ESC measures
- Learn to recognize, evaluate and document when all permit and contract requirements have been met

Learning Outcomes

- Learn to properly record and evaluate Erosion Control Monitoring Reports (ODOT Form 2361) and General Daily Progress Report with ESC information

Course Agenda

1. Introduction
2. Inspector Timelines
3. Documentation and Reporting
4. Standard Specifications I:
Drainage and Sediment Control
5. Standard Specifications II:
Erosion and Source Controls

Course Materials

- Course "Notes" Manual
- CD of ODOT Erosion Control Manual
- CD of ODOT Erosion Control Field Manual

Inspector Responsibilities

- Have knowledge and understanding of the project ESCP and PCP
- Ensure that the Contractor submits revisions to the ESCP and presents the revised ESCP at the Pre-construction meeting
- Ensure that the Contractor updates the ESCP as construction progresses
- Ensure that the Contractor maintains the erosion control facilities as needed

Inspector Responsibilities

- Ensure that the Contractor completes monitoring reports weekly or after more than 0.5 inches of rain in a 24-hour period during active projects and once every 2 weeks during inactive projects of more than 7 days (ODOT Form 734-2361 Erosion Monitoring Form or other authorized form)
- Authorize Contractor to make changes to the ESCP and PCP and ensure payment if changes are beyond original bid estimate and necessary to control erosion

Inspector Responsibilities

- Understand Sections 00280 (Erosion and Sediment Control) and 01030 (Seeding) of the Standard Specifications and the 00280 and 01030 Special Provisions for the project
- Understand how to properly implement best management practices (BMPs) to control erosion and contain sediment
- Ensure that the Contractor and project comply with the NPDES 1200 Permit to protect water quality and to protect ODOT from potential regulatory fines/penalties, or litigation from Special Interest Groups.
- Be familiar with ODOT Standard Erosion Details