

# Deal with Dirt During Construction

Earthwork Basics for Contractors, Construction Managers,  
Developers, and Civil Engineers



**This class qualifies for 3 professional development hours (PDHs) for civil engineers**

Geotechnical properties of soils greatly influence the stability of any structures like buildings, roads, bridges, tunnels, dams, towers, etc. Building on the wrong soil can impact the structural integrity and lead to costly rework as well as legal trouble. Therefore, it is critical to understand soils, its properties and their applications in the construction process. This seminar will include a comprehensive discussion on soil types, classification, and how to deal with problematic soils during construction. The presentation will cover soil classification, field exploration, lab tests, earthwork operation, field compaction, various types of soil stabilization techniques, etc.

**Who Sould Attend:** Contractors, developers, construction managers, civil engineers, project managers, field superintendents, and others who are involved in earthwork activities.

## Learning Objectives

- Classification of Soils
- Effect of water in ground
- Site preparation
- Field compaction and soil stabilization
- Shallow Foundations

## Registration Information

**Presenter:** Akhtar (Art) Zaman, PE, LEED AP BD+C, Branch Manager, ATC Group Services LLC

**Date:** Friday, April 26, 2019

**Time:** 11:30 a.m. -3:30 p.m.

**Investment:** \$40 (Lunch Included)

**Location:** Construction Advancement Foundation  
6050 Southport Road, Suite A  
Portage, IN 46368  
Phone: (219) 764-2883

**Register Online by: April 24th, 2019**

[www.cafnwin.org/training.php](http://www.cafnwin.org/training.php)

or Call the CAF at (219) 764-2883

Name: \_\_\_\_\_

Company: \_\_\_\_\_

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