

Introduction to Construction Inspection in Public Works Workshop

October 16 – 18, 2007
Raleigh, North Carolina
ITRE, 909 Capability Drive
Room 2600
[18 pdh credits]

Objectives

The objectives of this program are to introduce the basic concepts of construction inspection to public works inspectors. Topics include: discussing the role of the inspector in public works construction projects; duties, record keeping and interpreting contract documents; inspecting underground conduit construction; understanding the fundamentals of soils, soils classifications, soil compaction, control of embankments, subgrades and stabilizing soils; understanding the fundamentals of concrete; understanding the fundamentals of asphaltic concrete, raw materials, mixed design and construction of asphaltic concrete; and other issues related to construction inspection.

Who Should Attend?

This program is designed for construction inspectors and supervisors of construction inspection (entry level: 1-5 years experience). The new, potential and experienced construction inspector or supervisor will benefit from the presentation of principles and practices of construction inspection.

Registration form is located on the back of this flyer.

Course Overview

DAY ONE

- ⇒ Construction Inspection: A Basic Overview
- ⇒ Pre-Project Preparation
- ⇒ Communication and Documentation
- ⇒ Risk Management and Legal Issues
- ⇒ Project Close-out Procedures
- ⇒ Regulatory Overview

DAY TWO

- ⇒ Excavation and Confined Space Safety
- ⇒ Earthwork:
 - Construction Inspection — Land Use Issues
 - Construction Inspection — General Processes and Procedures
 - Soil Characteristics, Testing and Evaluation
- ⇒ Underground Pipeline Construction:
 - Water Utility Construction Inspection
 - Storm Drain Construction Inspection
 - Steel Pipeline Construction Inspection

DAY THREE

- ⇒ Trees and Landscaping
- ⇒ General Concrete Construction Inspection
- ⇒ Street Surface Improvements
- ⇒ General Structural Steel Inspection

PRESENTERS

Bob Wilson, P.E., US Infrastructure
Ron Geiger, P.E., HDR Engineering, Inc.
Bill Sabata, P.E., CLP, Services
Jack Amar, P.E., S&ME, Inc.
Dieter Crago, United Construction
Mike Carsno, City of Charlotte
George Zimmerman, P.E., Ralph Whitehead & Associates

Registration Info

Check-in will begin at 8:00 a.m. on the first day of the workshop. The workshop will be held from 8:30 a.m. to 5:00 p.m. each day. Registration will be handled on a first-received, first-served basis.

The registration fee for this course is \$250 for APWA members, \$300 for non-members. Registration fees for each workshop include course materials, breaks and lunch each day. Please make checks payable to **NCAPWA**.

A confirmation letter and a map will be sent to you upon receipt of your registration.

If after registering you cannot attend, please provide notice of cancellation at least five days prior to the workshop you are attending in order to receive a full refund. Of course, someone can substitute for you.

Persons with disabilities who require special accommodations or auxiliary aids should contact ITRE prior to the workshop date so necessary arrangements can be made. Contact Linda Collier by email at linda_collier@ncsu.edu or at (919) 515-7990.



Construction Inspection Workshop Sponsored by



NCAPWA Education Committee



Institute for Transportation
Research and Education

Registration Form

NAME _____

TITLE _____

AGENCY _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

TELEPHONE _____

FAX _____

E-MAIL _____

\$300 non-members

\$250 members

Please make checks payable to
NCAPWA for the total amount due and
return this form with payment to:

Linda Collier
ITRE
Campus Box 8601
Raleigh, NC 27695-8601
Fax: (919) 515-8897
E-mail: linda_collier@ncsu.edu
www.itre.ncsu.edu/LTAP

**Introduction to Construction Inspection
presented by NCAPWA and ITRE**

Institute for Transportation Research and Education
North Carolina State University
Centennial Campus Box 8601
Raleigh, North Carolina 27695-8601



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