



# Trackwork 2009<sup>©</sup>

John Zuspan has developed a realistic approach to Railroad Track Construction, Maintenance, Management and Inspection.

Day 1 Trackwork 101<sup>©</sup> course  
Day 2 Building and Maintaining Track.

You can register for 1 or 2 seminars. John has over 30-years of experience in Track Construction, Design and Maintenance. He has also worked his way up the food chain and is now ready to share his experience so the next generation or even this generation can do it right. Please visit our website to learn more about us ([www.trackguy.com](http://www.trackguy.com)). Call or e-mail ([zuspan@trackguy.com](mailto:zuspan@trackguy.com)) with any questions. If you want us to come to you, just give us a call (724-873-7333) and we will work out the details. Fill out the registration form, include a check made out to Track Guy Consultants LLC and mail it back. You will receive a confirmation and agenda upon receipt of payment. Please Register Early. Don't miss this opportunity to learn from the Track Guy. He has a passion for talking about Track. We provide a course manual, laminated wallet card & certificate as well as a continental breakfast & snacks.

Pittsburgh, Oct. 6 & 7  
Hilton Garden—Southpoint, PA

Dallas, Nov. 4 & 5  
Hilton Garden—Duncanville, TX

San Francisco, Dec. 15 & 16  
Hilton Garden—San Mateo, CA

## Day 2—Trackwork 105<sup>©</sup> - Means & Methods (Build, and Maintain Track)

We talk about how to build track such as Ballasted track, DF track, and Embedded track. We will show how to do Highway Grade Crossings with either a full closure or half at a time. We use all our experiences to learn from each other. We bring many lessons learned to the seminar. We use video as a means of explanation. We keep this class very informal and share everyone's experiences so we can do it right the first time. Problem solving is a big part of the seminar and when others express a real life problem, we will take the time and solve that specific problem or situation. Visit our website for more details and information.

## Day 1—Trackwork 101—An Overview

This course is designed for the person that wants a general overview of Railroad Track construction and design. We touch on every possible subject that pertains to Railroad Track (freight & passenger) and discuss these topics in a broad sense, keeping the discussion on a high level and leaving the detailed learning to a later time. This seminar has been widely accepted in the industry and is a great starter for any training program. Some of the topics covered are a discussion on the History of Railroad Track, how to make rail, definitions, fasteners, other components, types of Track and technical discussions on Wheel/Rail interface, load transfer, thermal forces, welding rail, determining rail life, track geometry, under balance, design criteria, jerk rate, FRA rail & track defects, AREMA and APTA recommendations, stray current, OTM, hand tools and equipment. We have embedded video clips in the presentation to help understand certain topics. This course is accredited for 8 -PDH's by the Engineering Institute.

Company: \_\_\_\_\_ Ph #: \_\_\_\_\_

Address: \_\_\_\_\_ e-mail \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ # of Attendees: \_\_\_\_\_ Location: \_\_\_\_\_

**\$350./person/day**

**Bill Me (payment due 5 days after invoice)**       **Check enclosed**       **Credit Card**

Track Guy Consultants, 934 Royal Court, Canonsburg, PA 15317, Ph: 724-873-7333

We reserve the right to cancel if a minimum number is not achieved, registration money will be refunded if we cancel

## Pay by Credit Card (Name & Zip Code must match Credit Card)

VISA     MasterCard     Amex     Discover    Today's Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Card Number: \_\_\_\_\_ 3-digit # \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Name as on card: \_\_\_\_\_ Signature: \_\_\_\_\_ Zip: \_\_\_\_\_



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## Registration Form



**Fax: 724-873-5733**

**e-mail: [zuspan@trackguy.com](mailto:zuspan@trackguy.com)**

**Register Early and SAVE 20% (before August 15th, 2009)**

Register 3 people and add a **4th person for FREE** per seminar  
**\$350 per person after early registration dates**

**Testimonials:**

**Larry Laurello, Vice President, Delta Railroad Construction writes:** "John has a unique talent for explaining engineering issues in an accurate and practical way. The course was outstanding and our workforce learned a great deal and had some great discussions on turnout construction and thermal forces in particular. I would highly recommend this course to anyone in the Rail Industry"

See website for more

**Attendees**

**circle all that apply**

Name #1: _____	Title: _____	Day 1	Day 2
Name #2: _____	Title: _____	Day 1	Day 2
Name #3: _____	Title: _____	Day 1	Day 2
Name #4: _____	Title: _____	Day 1	Day 2

**Pay for 3 people get the 4<sup>th</sup> for FREE, per day. attach separate paper as required**