The Oklahoma Department of Transportation, Federal Highway Administration, Southern Plains Transportation Center, Southern Plains TTAP and the Oklahoma LTAP would like to invite you to the seminar “Corrosion Resistant Rebar (CRRB)”. This is a free seminar provided to disseminate the latest information on alternative reinforcing bars available in the market place. This seminar provides information on various types of corrosion-resistant rebar that could be used on bridge projects to obtain longer service life than that allowed by current high performance concrete.

You will get to hear from producers about their products and research to show that their rebar will withstand aggressive environments. Industry representatives will provide the latest materials and fabrication information on the following types of rebar: Solid Stainless Steel, MMFX, Galvanized Rebar, Stainless Clad Rebar, Epoxy Coated Rebar, Glass Fiber-Reinforced Rebar, and Basalt Fiber Reinforced Bars.

In addition, researchers from around the nation will present the results of their investigations into the performance of diverse products. Virginia DOT will share its experience with the use of different CRRBs and current policy. Dr. Matt O’Reilly from Kansas State University will present findings on various CRRB evaluations. Dr. Francisco Presuel-Moreno, Principal Investigator from Florida Atlantic University will share the FHWA/Florida DOT research summary on alternative CRRB testing and evaluations. FHWA will also provide the update of the multi-year in house accelerated testing program for 12 different types of rebar. Cost comparisons for the various rebar types as well as deployment considerations for new technologies will also be covered.

Seminar Date and Time:
Thursday, April 7th from 8:00 AM to 5:00 PM
Location:
Center for Local Government Technology
Oklahoma State University
5202 North Richmond Hill Drive
Stillwater, Oklahoma 74078 ~ Phone: 405.744.6049
MAP

REGISTER HERE!
THIS SEMINAR IS FREE, BUT YOU MUST REGISTER TO ATTEND!
Agenda On Next Page!
**AGENDA**

**8:00 - Introduction & Welcome** ~ Douglas Wright, Director, Center for Local Government Technology

**8:15 - Current Practices and Policies Related to Reinforcement**
- Oklahoma Department of Transportation

**8:30 - Introduction to Corrosion in Reinforced Concrete**
- Dr. Matt O’Reilly, University of Kansas

**8:45 - Stainless Steel Rebar for Demanding Applications**
- North American Stainless/Salit Steel

**9:30 - MMFX Rebar – Dislocated Lath Microstructure of Martensite/Austenite Steels**
- Douglas Johns, MMFX Steel Corporation

**10:00 - Break**

**10:15 - Hot-Dipped Galvanized Rebar**
- Carl Maki, South Atlantic Galvanizing

**10:45 - Stainless Clad Rebar**
- Nino Cacace, Cladinox

**11:15 - Epoxy-coated Reinforcing Bars**
- Danielle Kleinhans, Epoxy Interest Group of CRSI

**11:45 - Lunch ~ Sponsored by ~ THE RAILROAD YARD**

**12:45 - Fiber-Reinforced Polymer Composite Rebar**
- John Busel, American Composites Manufacturers Association

**1:15 - Basalt Fiber Rebar**
- Alvin Ericson, Technical Consultant – Concrete Construction

**1:45 - Evaluation of Reinforcing Bar Corrosion Performance**
- Dr. Matt O’Reilly, University of Kansas

**2:20 - Short Break**

**2:30 - VDOT's experience, testing and policy with various CRRB**
- Michael Sprinkel, Virginia Center for Transportation Innovation & Research

**3:10 - FHWA/Florida DOT Research on Alternative CRRB's/Project Evaluations**
- Dr. Francisco J. Presuel, Florida Atlantic University (on-line)

**3:45 - Deployment and Cost Considerations & On-going Activities**
- Waider Wong, FHWA Resource Center

**4:15 - Questions & Answers**

**THANK YOU AND PLEASE DRIVE SAFE!**

Special thanks to Mr. Waider Wong, FHWA Resource Center