

**2009 - 2010  
BRANCH OFFICERS**

**DIRECTOR**

Philip Marcum, P.E.  
AMEC E&C Services  
(864) 458-3600  
[philip.marcum@amec.com](mailto:philip.marcum@amec.com)

**PRESIDENT**

Tom Hill, E.I.T.  
Fluor Corporation  
(864) 517-1669  
[tom.edward.hill@fluor.com](mailto:tom.edward.hill@fluor.com)

**VICE PRESIDENT**

Jennifer Mustar, P.E.  
Florence & Hutcheson, Inc.  
(864) 233-5425  
[jmustar@flohut.com](mailto:jmustar@flohut.com)

**SECRETARY**

Bill Phelan, E.I.T.  
Fluor Corporation  
(864) 281-5792  
[bill.phelan@fluor.com](mailto:bill.phelan@fluor.com)

**TREASURER**

Tripp Ford, E.I.T.  
S&ME  
(864) 574-2360  
[tford@smeinc.com](mailto:tford@smeinc.com)

**UPSTATE BRANCH MEMBERS  
SERVING ON NATIONAL  
TECHNICAL COUNCILS**

Fredric W. Linsley, III, P.E.,  
*Energy Division, Nuclear Energy*  
Bryant G. Nielson, P.E.,  
*Council on Lifeline Earthquake  
Engineering, Earthquake  
Investigation*

**ASCE NATIONAL**

1-800-548-2723 (Phone)  
<http://www.asce.org> (Web Site)  
[member@asce.org](mailto:member@asce.org) (E-Mail)

**FEBRUARY MEETING NOTICE**

**Featuring:**

# Galvanize It!

*Presentation by*

*David Prior  
Galvan Industries, Inc.*

- DATE:** Tuesday, February 23, 2010
- TIME:** Presentation 11:30 AM – 1:00 PM\*\*
- LOCATION:** Hall of Science  
Roper Mountain Science Center  
402 Roper Mountain Road  
Greenville, South Carolina 29615  
864-355-8900  
<http://www.ropermountain.org>
- COST:** \$0 for members, \$10.00 for nonmembers  
(Lunch will be provided.)
- DIRECTIONS:** See page 2 for directions to the Roper Mountain Science Center.

**\*\*Engineers receive 1 PDH for their attendance.**

Reservations are required by 4 pm on Monday February 22<sup>nd</sup> to reserve a lunch. Guests are welcome without reservations however, lunch can not be guaranteed. Please contact Bill Phelan at 864-517-1676 or [Bill.phelan@fluor.com](mailto:Bill.phelan@fluor.com)

## Directions to Roper Mountain Science Center

The meeting will be held at the Conference Center. However, please enter through the Hall of Science. Please see the attached map for the building and parking location.

### **Directions from Interstate 385 coming from downtown Greenville:**

From Interstate 385, exit onto Roper Mountain Road Exit (Exit #37). Turn left at the traffic light. Go over the bridge crossing I-385. Pass the frontage road on the right (at the traffic light). The entrance to the Science Center is the second road on the right.

### **Directions from Interstate 85:**

Exit onto Interstate 385 North (Exit #51). Continue on I-385 until the Roper Mountain Road Exit (Exit #37). Turn right at the traffic light. Pass the frontage road on the right (at the traffic light). The entrance to the Science Center is the second road on the right.

### **Directions from Highway 29:**

At Red Lobster, turn onto 291 By-Pass South. Turn left at East North Street. Turn right onto Pelham Road. Turn right onto Roper Mountain Road Extension. At the stoplight, turn right onto Roper Mountain Road. Roper Mountain Science Center is about a half mile on the left.

<http://www.ropermountain.org/General/directions.shtml>

## February Presentation Outline

- I. Introduction and Learning Objectives
- II. Tour of the City: The Corrosion Problem
- III. Hot-Dip Galvanizing (HDG): The Solution
  - a. Hot-Dip Galvanizing Process
- IV. Hot-Dip Galvanized Coating Characteristics
- V. Other Zinc Coatings
- VI. Design & Fabrication
- VII. Specifications & Inspection
- VIII. Duplex Systems: Painting/Powder Coating Hot-Dip Galvanized Steel
- IX. Costs Less, Lasts Longer
- X. Galvanized Steel Projects

## February Presenter Bio

David Prior is the Sales and Technical Services Manager for Galvan Industries in Harrisburg, NC. Galvan is a privately owned job-shop galvanizer providing coating services to OEM's and the steel fabrication industry, and is a manufacturer of both galvanized and copper clad ground rod electrodes for the electrical industry. He is a member of the Board of Directors of the American Galvanizers Association, and Chairman of the Market Development Committee. He was formerly employed as Engineering Manager for the AGA in the Eastern U.S. He maintains active memberships in the American Society for Testing and Materials (ASTM), Committee A01 on Steel, Stainless Steel and Related Alloys, Committee A05 on Metallic-Coated Iron and Steel Products and Committee B02 on Nonferrous Metals and Alloys. Construction Specifications Institute (CSI), National Association of Corrosion Engineers (NACE) and the Society for Protective Coatings (SSPC). He has authored numerous papers and articles dealing with protective coatings and is a regular speaker at professional society meetings and architectural and engineering firms for in-house continuing education programs.

## 2009/2010 CALENDAR OF EVENTS

### FEBRUARY

Tuesday, February 23 – Lunch Meeting  
*Location: Roper Mountain Science Center*  
*Galvanize it!, David Prior*

### MARCH

Tuesday, March 23 – Lunch Meeting  
*Location: Roper Mountain Science Center*  
*Roller Compacted Concrete, Morgan Corp.*

### APRIL

Tuesday, April 27 – Lunch Meeting  
*Location: Roper Mountain Science Center*  
*Ram Jack, Roger Britton*

## 2<sup>nd</sup> Annual Popsicle Bridge Competition

The second annual Popsicle Stick Bridge Competition has been postponed. Visit [www.asceupstate.com](http://www.asceupstate.com) for more information