



# American Society of Highway Engineers Old Dominion Section

[www.asherichmond.org](http://www.asherichmond.org)

Concrete for the 21<sup>st</sup> Century  
Presented By: Professor Celik Ozyildirim, Ph.D., P.E.

**Friday July 23, 2004**

One of the first building blocks of our modern civilization was a type of concrete used in the ancient Roman Empire. This material was composed of volcanic ash and limestone and can still be seen in structures like the Pantheon in Rome, Italy.

Today's infrastructure was constructed with the aid of concrete in countless applications as the material itself was evolving. As we begin the 21<sup>st</sup> Century, the use of concrete has become an engineered material that has adapted to the need of highly technical and specialized uses that suit the customer. These include high performance concretes, lightweight and self-consolidating concretes as well as fiber-reinforced concretes.

The Old Dominion Section is pleased to host this presentation by one of the industry's leaders in the science of concrete. Dr. Ozyildirim is an enthusiastic teacher and student of concrete and has accumulated an impressive range of accomplishments over the past 30 years in the field. He currently holds the position of Principle Research Scientist for the Virginia Transportation Research Council, a Division of the Virginia Department of Transportation, and is an instructor of Civil Engineering for the University of Virginia. Our guest speaker also has quite the reputation. Those who have had the opportunity to hear Professor Ozyildirim talk are charmed by his public speaking skills and his ability to fascinate the audience with the subject matter. Please plan to join your fellow transportation workers for this enjoyable presentation and do bring a guest. All are welcome to attend with no RSVP or reservations required.

## **VERY IMPORTANT:**

We are at our normal location for the ASHE meetings, the auditorium in the VDOT Central Office complex.

In order to gain access to the building, you **MUST** have a picture ID (VA drivers license preferred) or your VDOT identification card.

Parking is available at the metered and non-metered spaces along the city streets or at the pay lots in the area. State provided parking next to the VDOT Annex building is available for a few vehicles. Carpoolers have priority. Free parking is available at the State operated Main Street Station lot for other vehicles. To register for the State provided parking visit our web site at [www.asherichmond.org](http://www.asherichmond.org) then go to the "Next Meeting" link. **All those who register will need to report to the guard shack located behind the Annex building for their assignment and parking pass.**

## **PLEASE JOIN US FOR OUR ASHE MEETING**

**Friday July 23, 2004**

Lunch, social time and installation of the Section Officers from 12:00 Noon until 12:15pm; program from 12:15 until 1:00pm.

### **Location:**

Front Auditorium  
VDOT Building  
1221 East Broad Street  
Richmond, Virginia

Lunch menu and ordering instructions are on our web site [www.asherichmond.org](http://www.asherichmond.org) under the "Next Meeting" link.