



# 78th Annual Colorado Transportation Conference

October 26-27, 2005  
Holiday Inn  
Denver International Airport  
& Convention Center



## Conference Agenda

### Wednesday, October 26

- 8:00 a.m. Registration & Continental Breakfast  
West Convention Foyer
- 9:00 a.m. Welcome & Conference Kickoff  
Host - **Thomas E. Norton**, CDOT Executive Director
- 9:15 a.m. Opening General Session  
National Innovative Project: **U.S. 20 Iowa River Greenbelt Bridge**, Hardin County, IA  
Presenters - **Bob Younie**, Iowa DOT District 1 Construction Engineer &  
**Mike LaViolette**, HNTB Inc. & Iowa State University
- 10:15 a.m. Refreshment Break
- 10:30 a.m. General Session  
**Innovations in Change Management**  
Presenter - **Tom DeCoster**, AASHTO Leadership Institute, Indianapolis, IN
- 12:00 noon Keynote Luncheon  
Host - **Thomas E. Norton**, CDOT Executive Director  
Keynote Speaker - **Honorable Bill Owens**, Governor of Colorado (invited)  
27th Annual Roderick L. Downing Award  
Host - **Peggy Catlin**, CDOT Deputy Executive Director  
Speaker - **Flodie Anderson**, 2004 Downing Award Winner  
Presentation of the 2005 Roderick L. Downing Award
- 1:20 p.m. Session Break
- 1:45 p.m. Concurrent Breakout Sessions  
**Breakout I - Innovations In Maintenance**  
Topic: Maintenance Decision Support Systems (MDSS)  
Presenter - **Wayne Lupton**, CDOT Maintenance & Operations Branch Manager  
Topic: Automated Fixed Spray Technology  
Presenter - **Del French**, CDOT Section 3 Deputy Maintenance Superintendent  
**Breakout II - Innovations in Contracting**  
Topic: Innovative Contracting in COSMIX, Colorado Springs  
Presenter - **Dave Poling**, CDOT Region 2 North Program Engineer

**Breakout III - Innovations in Environmental**

Topic: Public Involvement in the I-70 East PEIS  
Presenter: **Sharon Lipp**, CDOT Region 6 Resident Engineer

Topic: U.S. 36/Boulder Turnpike PEIS  
Presenter: **Jeff Wassenaar**, CDOT Region 6 Resident Engineer

Topic: Northwest Corridor EIS  
Presenter - **Bill McDonnell**, CDOT Region 6 Resident Engineer

2:45 p.m.

Refreshment Break

3:15 p.m.

Concurrent Breakout Sessions

**Breakout I - Innovations in Maintenance**

Topic: Preventive Maintenance  
Presenter - **Corey Stewart**, CDOT Materials & Geotechnical Branch  
Presenter - **Dave Eller**, CDOT Region 3 Materials Engineer

**Breakout II - Innovations in Contracting**

Topic: Innovative Approaches in Contracting  
City of Ft. Collins Timberline Road Extension

**Breakout III - Innovations in Environmental**

Topic: Linking Planning and NEPA  
Addressing Cumulative Impacts  
Step-Up Program in CDOT Region 4  
Environmental Empowerment of Region 5 Staff

4:15 p.m.

Afternoon Sessions Adjourn

4:30 p.m.

Afternoon Reception

Hosted by the  
**American Council of Engineering Companies of Colorado**

**Thursday, October 27**

8:00 a.m.

Registration & Continental Breakfast  
West Convention Foyer

8:30 a.m.

General Session

**National Innovative Focus: Highways for Life**

Presenter: **King Gee**, FHWA Office of Infrastructure

9:30 a.m.

2005 Technical Track Presentations

**Track I - Innovations in Traffic**

Topic: Innovations in Traffic Safety/Signals  
Presenters - **Joe Paulson**, City of Boulder &  
**Dave Krauth**, City of Colorado Springs  
Topic: Innovations in Traffic Monitoring  
Presenter - **Bob Kochevar**, City & County of Denver Traffic Engineer  
Innovations in Traveler Information

### **Track II - Innovations in Highways**

Topic: Precast Slabs for Spot & Highway Reconstruction

Presenter: **Shiraz D. Tayabji**, CTL Group, Columbia, MO

Topic: Innovations in Embankment Construction

Presenters: **Naser Abu-Hajleh**, CDOT Geotechnical Researcher

**Tom Allen**, CDOT Region 5 Project Engineer

**Gary DeWitt**, CDOT Region 4 Materials Engineer

Topic: Innovative Culvert Repair Strategies

Presenter: **Bill Crawford**, CDOT Region 3 Project Engineer

### **Track III - Innovations in Bridges**

Topic: U.S. 34 Bridge Project

Presenter: **Rick Gabel**, CDOT Region 4 North Program Engineer

Topic: U.S. 6/Clear Creek Canyon Bridges Project

Presenters: **Dennis Largent**, CDOT Project Development Area Engineer &

**Hillary Hawthorne**, CDOT Bridge Design & Management Branch

Topic: Castlewood Canyon Bridge Project, SH 83

Presenters: **Paul Jesaitis**, CDOT Region 6 Resident Engineer &

**Mike Mohseni**, CDOT Bridge Design & Management Branch

Topic: I-405 Bridge Replacement Project, Seattle, WA

Presenter: **Larry Kyle**, HDR Engineering

11:45 a.m.

2005 Colorado Transportation Conference Adjourns

### **What You Need to Know About the 2005 Colorado Transportation Conference**

**Directions:** Holiday Inn Denver International Airport & Convention Center is located at I-70 Exit 283 (Chambers Road) in Aurora. Enter the West Convention Foyer, located on the northwest corner of the facility. There is ample onsite free parking for all convention registrants.

**Registration:** You may register by using the form provided in this packet and submitting your payment by check or credit card. Online registration is available on the CDOT main website at this address:

[www.dot.state.co.us](http://www.dot.state.co.us)

Click on the Innovation/Transportation Conference logo and follow the instructions listed there. Online registrations require credit card payment.

**Sponsorship Opportunities Available:** Various conference functions are available for sponsorship. For a packet of information about sponsorships offered, please call (303) 757-9509 or e-mail [dennis.vanpatter@dot.state.co.us](mailto:dennis.vanpatter@dot.state.co.us). For inclusion in conference printed materials, sponsorships must be finalized by October 14, 2005.

### **Staying at the Holiday Inn Denver International Airport**

A special Colorado Transportation Conference guest room rate of \$84 (single or double occupancy) is available for the nights of Oct. 25, 26, and 27. A limited number of rooms is available at this rate.

To reserve your room, call the Holiday Inn Denver International Airport at (303) 371-9494, ask for reservations, and request the Colorado Transportation Conference guest room rate.

## 2005 Colorado Transportation Conference Registration Form

See the previous page for conference details. Please check the appropriate registration fee box below, then fill out the registration form for yourself and all members of your firm who will be attending, if applicable. Payment for all persons listed must be received with the form.

<b>Full Conference Registration</b>	\$75	<input type="checkbox"/>	<i>Must be received by 5 p.m. October 14, 2005</i>
<b>Oct. 27 Technical Tracks</b>	\$25	<input type="checkbox"/>	<i>Must be received by 5 p.m. October 14, 2005</i>
<b>Late Conference Registration</b>	\$100	<input type="checkbox"/>	<i>Received October 17-21, 2005</i>
<b>Late Technical Tracks Registration</b>	\$35	<input type="checkbox"/>	<i>Received October 17-21, 2005</i>

*Conference registration will not be available after Oct. 21, 2005*

NAME \_\_\_\_\_ PHONE \_\_\_\_\_

ORGANIZATION \_\_\_\_\_

OFFICE ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

ADDITIONAL REGISTRATIONS (from the same organization listed above):

NAME \_\_\_\_\_ E-MAIL ADDRESS \_\_\_\_\_

NAME \_\_\_\_\_ E-MAIL ADDRESS \_\_\_\_\_

NAME \_\_\_\_\_ E-MAIL ADDRESS \_\_\_\_\_

Total Payment Enclosed \$ \_\_\_\_\_

### METHOD OF PAYMENT

CHECK  *Enclose your check payable to Colorado Department of Transportation*

CREDIT CARD: Visa  American Express  Master Card

CARD NUMBER \_\_\_\_\_ EXPIRATION \_\_\_\_\_

NAME LISTED ON CREDIT CARD \_\_\_\_\_

*Payment must be received for all persons listed on this form*

Register by phone: (303) 512-4009. Register by fax using this form: (303) 757-9868. Payment by credit card is required when registering by phone or fax.

Mail this registration form and your payment to:

**Michelle Gonzalez, CDOT Staff Services**  
**CDOT Headquarters, Fourth Floor 4201 E. Arkansas Ave. Denver, CO 80222**  
**Questions? Call (303) 757-9509**



The 27th Annual

# Roderick L. Downing Award

*For Significant Contributions to Transportation in Colorado*

## About the Downing Award

The late Rod Downing was a longtime member of the University of Colorado engineering faculty. Much of the continuing success of the Colorado Transportation Conference, established in 1928, is due to his involvement and direction.

In his honor, an award is presented each year at the conference to a person who has made a significant contribution to the development of transportation in Colorado.

## Nomination Criteria

The Downing Award recognizes outstanding achievement in transportation engineering, education, planning, research, design, management, and/or leadership. Please use these criteria as you make your nomination on the nomination form.

The Downing Award Committee considers nominations submitted during the previous five years. Please renominate your candidate if the entry is older than five years or if significant new accomplishments have occurred.

## Roderick L. Downing Award Recipients

1979 - <b>Charles E. Shumate</b> , CDOH Director	1992 - <b>William E. Smith</b> , Denver Public Works
1980 - <b>G.B. "Gus" Aydelott</b> , Rio Grande Industries	1993 - <b>Dwight M. Bower</b> , CDOT Deputy Director
1981 - <b>E.B. Jeppeson</b> , Colorado Aviation Pioneer	1994 - <b>Robert L. Clevenger</b> , CDOT Chief Engineer
1982 - <b>Gordon F. Autry</b> , Rocky Mt. Airways	1995 - <b>Paul D. Schauer</b> , State Representative
1983 - <b>E.N. "Ed" Haase</b> , CDOH Chief Engineer	1996 - <b>Stanley L. Dodson</b> , West Slope Advocate
1984 - <b>James B. Kenney, Jr.</b> , Kenney Construction	1997 - <b>Alan E. Menhennett</b> , Centennial Engineering
1985 - <b>Jack Bruce</b> , Denver City Engineer	1998 - <b>A.J. "Joe" Siccardi</b> , Figg Engineering Group
1986 - <b>Max L. Rothschild</b> , El Paso County	1999 - <b>Guillermo V. "Bill" Vidal</b> , CDOT Director
1987 - <b>David Pampu</b> , Denver Regional COG	2000 - <b>Earl Lawrence</b> , Lawrence Construction
1988 - <b>Allan R. Pepper</b> , Transportation Consultant	2001 - <b>Roger Cracraft</b> , Transportation Commissioner
1989 - <b>Al Meiklejohn</b> , State Senator	2002 - <b>Richard Bauman</b> , Northwest Parkway
1990 - <b>Stephen A. Holt</b> , Engineering Consultant	2003 - <b>Ray Chamberlain</b> , Parsons Brinckerhoff
1991 - <b>Norma V. Anderson</b> , State Representative	2004 - <b>Flodie Anderson</b> , Transportation Leader

The 2005 Downing Award will be presented at the  
**2005 Colorado Transportation Conference**

Oct. 26-27 Holiday DIA & Convention Center, Denver

# 2005 Roderick L. Downing Award Nomination Form

*Current CDOT and University of Colorado employees are ineligible*

## About the Downing Award

The late Rod Downing was a longtime member of the University of Colorado engineering faculty and a staunch supporter of the Colorado Transportation Conference, established in 1928. In his honor, an award is presented each year to a person who has made a significant contribution to the development of transportation in Colorado.

## Nomination Criteria

The Downing Award recognizes outstanding achievement in transportation engineering, education, planning, research, design, management, and/or leadership. Please use these criteria, and those listed in the form below, as you make your nomination.

The nomination deadline is 5 p.m. on Monday, September 26, 2005. No exceptions to this deadline can be made.

**NOMINEE** \_\_\_\_\_  
Company/Business Affiliation \_\_\_\_\_  
Address/Zip \_\_\_\_\_  
E-Mail \_\_\_\_\_

**Nominator** \_\_\_\_\_  
Company/Business Affiliation \_\_\_\_\_  
Address/Zip \_\_\_\_\_  
E-Mail \_\_\_\_\_

## ***Reasons for Making the Nomination***

Please attach pages explaining your reasons for making the nomination. Be sure to address the criteria listed below. Attach letters of support before submitting the nomination.

1. Achievements of the Nominee
2. Innovation and Creativity
3. Impact on Colorado Transportation

*Mail nomination to:*  
**Craig Siracusa**, CDOT Chief Engineer  
4201 E. Arkansas Ave., Room 262  
Denver, CO 80222

*Nominations must be postmarked  
by **Monday, September 26, 2005***