Annual Meeting
of the
City Engineers Association
of Minnesota

January 25-27, 2017
Earle Brown Heritage Center
Brooklyn Center, Minnesota
ceam.org

Sponsors: City Engineers Association of Minnesota • Minnesota Department of Transportation • League of Minnesota Cities
Facilitated by: College of Continuing Education, University of Minnesota
CHALLENGES. They seem to be everywhere in 2016, ranging in scale from the global down to the local level. Those challenges shape our world in the big picture and can impact our daily lives and workplaces.

HOPE. In the midst of challenges, there is always hope and optimism. During 2016, we had the goodwill of the Olympic Games, and the awe-inspiring success of the NASA mission to Jupiter.

As City Engineers we are often called upon to face challenges—we should do so with hope and optimism. The City Engineers Association of Minnesota is pleased to invite you to the Annual Meeting in January 2017. Our program includes topics on challenges (Climate Change, the Vulnerability of the Electric Grid, Contamination), yet also contains elements of hope and optimism—Resilient Communities, the new LMC Director, and our keynote speaker Andy Weisberg, who delivers a message of creativity and humor. To keep us balanced, we'll have an hour of training in professional ethics. And of course the program includes an offering of good concurrent sessions with a range of technical and other topics.

Let's begin the New Year by joining in a positive spirit of camaraderie, to meet with peers and spend valuable time together... both in the sessions and during the breaks. We look forward to seeing you! On behalf of the Conference Planning Committee, welcome!

Planning Committee Co-Chairs
Marc Culver, City of Roseville
Joseph Rhein, Bolton & Menk, Inc.
Program
Wednesday, January 25, 2017

7:30 a.m.  Registration and Continental Breakfast

8:30  Welcome
Jeff Johnson, CEAM President and City of Mankato

8:40  How to be the Happiest Person You Know at Work
Moderator: Steve Bot, City of Saint Michael
Andy Weisberg, Author, Professional Speaker, Consultant, Coach

Andy Weisberg is an author, teacher, consultant, and professional speaker. His vast and varied experience in both the performing arts and the corporate world gives him a unique perspective. Andy utilizes that perspective to develop a genuinely fresh and new approach to traditional topics. His delivery style energizes audiences and leads to increased productivity and growth.

Come learn from Andy Weisberg how to be the Happiest Person You Know at Work! Andy will give you some tools to build a happier work life and improve your work environment. As our keynote speaker, Andy is familiar with the rest of our program and the common theme of facing challenges with optimism. His humorous and positive message on change management, creativity, leadership, diversity, and humor in the workplace is one not to be missed.

10:10  Refreshment Break

10:30  League of Minnesota Cities Update
Moderator: Dan Coyle, Kimley-Horn and Associates
Dave Unmacht, League of Minnesota Cities

This session will introduce you to the League of Minnesota Cities Executive Director Dave Unmacht and provide an overview of the League’s mission and macro trends in local government.

The League of Minnesota Cities promotes excellence in local government through effective advocacy, expert analysis, and trusted guidance for all Minnesota cities. Membership in the League includes 833 cities plus 71 townships, special districts, and one joint powers entity. Founded in 1913, the League is the state’s largest and most comprehensive membership organization serving Minnesota cities and is integrated with the League of Minnesota Cities Insurance Trust. The League also provides general administrative support to the City Engineers Association of Minnesota.

11:15  Scholarship Winners Recognition
Moderator: Marc Culver, CEAM Vice President and City of Roseville
CEAM Engineer of the Year Award
CEAM Project of the Year Award

12:15 p.m.  Lunch
Temporary floodwall closes gaps where permanent floodwall not feasible
## 1:15 p.m. Concurrent Sessions

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Moderator(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>How to be the Happiest Person You Know at Home</td>
<td>Steve Bot, City of Saint Michael, Andy Weisberg, Author, Professional Speaker, Consultant, Coach</td>
<td>Come learn from our keynote speaker, Andy Weisberg, how to be the Happiest Person you Know at Home! Andy’s humorous and positive message on balancing your work and home life will help give you some tools to have a happier home life.</td>
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<td>2</td>
<td>Diversify Your Local Revenues with Franchise Fees</td>
<td>Michael Thompson, City of Maplewood, Justin Femrite, City of Elk River, Shelly Hanson, Chad Millner, City of Bloomington</td>
<td>Collection of franchise fees through the gas and/or electric utility is statutorily authorized and provides cities with a consistent and reliable revenue stream. Believe it or not, these revenues can be used for any public purpose. Are you looking to generate additional revenues or replace traditional sources such as special assessments? Learn how three cities approached the topic, moved forward, and learned from the experience.</td>
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<td>3</td>
<td>Roadway Safety Issues</td>
<td>Matt Hansen, SRF Consulting Group, Inc., Jon Jackels, SRF Consulting Group, Inc., Mark Vizecky, Minnesota Department of Transportation State Aid</td>
<td>Planning and maintaining safe roadways in your community is an area that needs daily attention by you and your staff. In addition to a discussion of the recent City Risk Assessment Pilot Program in Eagan and Saint Paul, our speakers will discuss construction zone techniques to provide for accessible pedestrian facilities as well as guidance to Temporary Traffic Control in urban and rural conditions.</td>
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<td>4</td>
<td>Electronic Plan Review</td>
<td>Mike Kuno, Sambatek, Jen Desrude and Londell Pease, City of Bloomington</td>
<td>For the past two years, Bloomington has been in the process of selecting and implementing an electronic plan review software system. Senior City Planner Londell Pease and Civil Engineer/Development Coordinator Jen Desrude will describe Bloomington’s development review process, software selection process, and implementation process.</td>
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### 2:30 Refreshment Break

- Floodwall in Horn Park Neighborhood
- Removable floodwall closure at street crossing
### Concurrent Sessions

<table>
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<tr>
<td>5</td>
<td>The Contractor Viewpoint: What Contractors Would Like Engineers to Know</td>
<td>Russ Matthys, City of Eagan; Bart Anderson, US SiteWork, Inc.; Greg Norris, Veit</td>
<td>The construction world is busy and fast-paced. With the speed in which we move there can be a loss of communication and, naturally, a loss of perspective. Our speakers, both veterans in the industry, will share a contractor’s point of view of how to bridge the communication and efficiency gap that exists between contractor and engineer to improve work flow. Topics include: specifications, impact of tolerances, safety factors, and more.</td>
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<td>6</td>
<td>Retrofitting and Maintenance of Stormwater Treatment Ponds and Traditional Flood Detention Basins for Improved Water Quality and Reuse</td>
<td>Steven Klein, Barr Engineering Company; Todd Hubmer, WSB &amp; Associates, Inc.; Candice Kantor and Steven Klein, Barr Engineering Company</td>
<td>This session will describe ways to maintain and modify existing stormwater treatment basins and traditional flood control basins for improving water quality or reusing stormwater for other purposes.</td>
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<td>7</td>
<td>ADA Challenges and Solutions in Design and Construction</td>
<td>Matt Hansen, SRF Consulting Group, Inc.; Julie Dresel, Minnesota Department of Transportation State Aid; Jeff Oliver, City of Golden Valley; Sonja Piper and Sue Zarling, Minnesota Department of Transportation</td>
<td>ADA requirements seem to be always changing, which can present challenges for design and construction. This expert panel will present guidance to maximize the likelihood that what is constructed actually meets ADA standards.</td>
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<td>8</td>
<td>Stop For Me Pedestrian Safety Campaign</td>
<td>John Maczko, City of Saint Paul; Sgt. Jeremy Ellison, Saint Paul Police Department; Kevin Gallatin, Highland District Council; Paul St. Martin, Saint Paul Public Works</td>
<td>Reducing pedestrian crashes is part of TZD’s mission. Implementing a successful pedestrian safety campaign involves collaboration among Public Works, Law Enforcement, other government agencies, community groups, and advocates. The City of Saint Paul was fortunate to partner with these groups around the creation of the Stop For Me campaign. Saint Paul will share its experience to date in regard to this ongoing campaign that is attempting to change the driving culture and increase safety for pedestrians, bicyclists, and motorists.</td>
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Funding Projects with Available State Programs

Moderator: Kevin Bittner, Bolton & Menk, Inc.

Bill Dunn, Minnesota Pollution Control Agency; Becky Sabie, Public Facilities Authority; Brad Wozney, Board of Water and Soil Resources

We’ve all said it. We’re all living it. Too many needs and not enough funding. One of the great challenges for city leaders, their staffs and their consultants is to locate and secure funding for their needed capital improvements. This session will focus on a few of the state programs that municipalities may be able to utilize to aid in funding needed improvement projects related to drinking water, wastewater, and storm water. Our speaker panel, consisting of representatives from the Public Facilities Authority (PFA), the Minnesota Pollution Control Agency (MPCA) and the Board of Water and Soil Resources (BWSR) will review their agencies’ roles in reviewing, coordinating, and administering the State Revolving Fund and Clean Water Legacy programs. The panel will also discuss case examples of projects that drew from a number of funding programs and how the agencies have partnered in the funding process in order to bring needed projects to reality. A particular emphasis of this discussion will be on programs for storm water funding and where to begin when pursuing such funding.

Reception
7:00 a.m. Past Presidents’ Breakfast

7:30 Continental Breakfast

8:00 Welcome
Joseph Rhein, Co-Chair, CEAM Conference Planning Committee, Bolt and Menk, Inc.

8:10 Expect the Unexpected: Contamination at Public Infrastructure Projects
Moderator: Matt Hansen, SRF Consulting Group, Inc.
Jake Dalbec, American Engineering Testing; Jackie Dylla, Braun Intertec; Dan Fetter, Barr Engineering Company; Kate Kleiter, Westwood

Contaminated soil and unexpected debris are encountered at many construction sites. This session will help you better evaluate the likelihood of encountering contamination during your project and present ways to manage environmental contingencies when they arise. We will discuss MPCA programs and other resources available to evaluate and address contamination to achieve project success, and provide case examples.

9:15 Ethics
Moderator: Marc Culver, Vice President and Co-Chair, CEAM Conference Planning Committee, City of Roseville
Chad Weinstein, Ethical Leaders in Action

Professional ethics goes beyond mere compliance with basic norms. City engineers are called on to solve problems, address the needs of multiple stakeholders, uphold policy, and protect the public interest. In this session Charles “Chad” Weinstein of Ethical Leaders in Action will put ethical challenges in a professional perspective, and share proven techniques for working with others to resolve ethical issues and make the best available choices. Learn:
• Practice Fair Process Decision-Making, a technique shown to maintain trust, even among those who don’t “get their way”.
• Ethical Persuasion, a technique for changing minds while strengthening relationships.
• Listening techniques that demonstrate respect and promote shared understanding.
• How principles of engineering ethics can create a common foundation for constructive discussion and problem solving.

Weinstein will illustrate these points with lively presentation of real-world examples, while engaging participants in reflection and discussion. Come prepared to think, learn, and laugh.

10:15 Refreshment Break

10:45 The 2016 Election - Witnessing History and Impacts to Local Government
Moderator: Tom Mathisen, Lifetime Member
David Schultz, Hamline University
The 2016 election is over and the dust may or may not have settled. The respective majorities in the Minnesota Legislature and US Congress have been determined and a new US President has been inaugurated. This past election cycle has stirred up many emotions across the country. Much of what we witnessed was not just atypical, it was unprecedented, and will almost certainly be documented in the history books, for good or bad. Professor David Schultz is a well-known and respected Hamline University Professor of Political Science. Besides being a local television news commentator, the author of several books, and a frequent speaker at a wide variety of forums, he has spent a good part of his career working with local governments.
Professor Schultz will give an energetic and objective presentation covering the past twelve months, the present status, and the future outlook. What happened in the 2016 election and why? Where do things stand today? How will the election results and fallout play out over the next several years? The takeaway will be what does all this mean for local government with respect to funding and support for infrastructure projects, implications for staff relations with new city councils and the public, and the outlook for city government in general.

Noon  Lunch

1:00 p.m.  The Resilient Communities Project: Advancing Sustainable Design Solutions and Community-Engaged Learning
Moderator: Morgan Dawley, WSB & Associates
Andy Brotzler, WSB & Associates; Mike Greco, Center for Urban and Regional Affairs, University of Minnesota; John Gulliver, University of Minnesota; Paul Moline, Carver County; Tyler Olsen, University of Minnesota

The Resilient Communities Project (RCP) is an award-winning, cross-disciplinary program at the University of Minnesota that supports one-year partnerships between the University and communities in Minnesota to advance local sustainability and resilience. The project’s mission is to connect communities with students and faculty at a world-class teaching and research institution in an effort to build local capacity around sustainability and resilience issues, train students to be future sustainability practitioners, and produce the tools, studies, and best practices that can inform sustainability practice locally as well as throughout the state. This session will feature speakers discussing their firsthand experience working with the RCP, and will describe the program model; discuss strategies, challenges, and lessons learned for incorporating RCP projects in the classroom; and explore the community benefits and impacts of RCP partnerships and why your community may want to consider a future application to the project.

2:20  Refreshment Break

2:45  Adapting to Climate Change: What Changes Are Expected? How Will It Impact My City? And How Should We Prepare?
Moderator: Will Manchester, City of Minnetonka
Kenny Blumenfeld, State Climatology Office; Janna Kieffer, Barr Engineering Company

Changes are occurring in our Minnesota climate, but what it means to individual communities will vary. Senior Climatologist Kenny Blumenfeld from the State Climatology Office, will share insight into the latest data on climate change impacts in Minnesota and what we can expect in the next 10+ years. He will also explore the idea of climate variability in relation to identifying and communicating climate trends. We will then discuss a process designed to help cities understand, prepare, and adapt for a changing climate, and explore what other cities and agencies are doing to adapt to and mitigate climate change.

3:45  Legislative Update
Moderator: Dave Sonnenberg, Stantec Consulting
Anne Finn, League of Minnesota Cities; Margaret Donahoe, Minnesota Transportation Alliance

The speakers will discuss issues ongoing at the State Legislature that are pertinent to the role of City Engineer. Anne Finn of the League of Minnesota Cities will identify LMC policies for which she will be lobbying, the makeup of the 2017 Legislature, and the likelihood of meaningful legislation passing during the 2017 Session. Margaret Donahoe of the Transportation Alliance will focus on issues of transportation funding and policies on which neither branch of the Legislature nor the Governor have been able to agree for the past several sessions, and what is likely to be achieved in 2017.

4:30  Reception
Program
Friday, January 27, 2017

7:30 a.m.  Continental Breakfast

8:00  Welcome
Marc Culver, Vice President and Co-Chair, CEAM Conference Planning Committee, City of Roseville

8:10  Minnesota Department of Transportation Commissioner’s Update
Moderator: Ted Schoenecker, Deputy State Aid Engineer Minnesota Department of Transportation
Charlie A. Zelle, Transportation Commissioner, Minnesota Department of Transportation (invited)

8:45  Minnesota Department of Transportation State Aid Engineer’s Update
Mitch Rasmussen, Assistant Commissioner for State Aid, Minnesota Department of Transportation

9:00  LRRB Update
Moderator: Klayton Eckles, City of Woodbury
Renae Kuehl, SRF Consulting Group, Inc.
The Local Road Research Board’s mission is to support and share the latest in transportation research applications with the state’s city and county engineers. This session will highlight some of the LRRB’s recently completed projects.

9:40  Refreshment Break

10:00  Smart Grids: Stronger, Smarter, and More Secure Energy Infrastructure
Moderator: John Maczko, City of Saint Paul
S. Massoud Amin, University of Minnesota
The US government is very much aware of threats to our electric grid posed by not only its antiquated condition, but also EMP, cyber, and physical attacks, and the sun’s activity. Over the past decade, at least eleven different studies conducted or sponsored by the federal government have concluded that unless steps are taken—and soon—we risk catastrophic consequences including loss of life, widespread destruction of property, and societal breakdown.

Dr. Massoud Amin, University of Minnesota, is a preeminent expert in energy infrastructure. He will provide an eye-opening presentation on the current condition of the US electric grid, its vulnerabilities, and what should be done to update and protect it.

11:15  CEAM Business Meeting

12:30 p.m.  Lunch/Adjourn

Demolition of riverfront home buyout

Relocation of riverfront home buyout
General Information

Registration and Fees
The registration fee is $305 and includes all sessions, instructional materials, lunch on Wednesday and Thursday, two receptions, and refreshment breaks. An optional lunch on Friday is available for $15 (total conference fee of $320). Please register online at www.ceam.org or fill out the attached registration form and fax it to 612-624-5359, or mail it to the address indicated.

Cancellation Policy
If you need to cancel your registration, a refund of your fee—minus a $30 processing fee—will be made if written notice is received by January 18, 2017. Cancellations after this date are not eligible for a refund. The University reserves the right to cancel the event if necessary and would issue a full refund in this case.

Guidebook Mobile App
The City Engineers Association of Minnesota Annual Conference has gone mobile! Before the conference this year, we will send instructions to registered participants on how to download and view the Guidebook mobile app. Attendees will be able to plan their days with a personalized schedule and browse general and concurrent sessions, presenter biographies, and the meeting room map, and can participate in the conference backchannel by posting on Twitter and sharing photos before and during the conference.

The app is compatible with iOS and Android devices. Windows Phone 7 and Blackberry users can access the same information via the mobile site.

Follow us on Twitter at @CEAM_org

Social Media: Join the Conversation
We invite you to join the conversation about the CEAM Conference this year by tweeting about the conference, or posting updates to your LinkedIn and Facebook pages. The conference hashtag is #CEAM2017. Type this hashtag in your tweets or postings to continue the conference backchannel, or you may also search Twitter for this hashtag to view the tweets online. These social media efforts will help participants network and meet new colleagues prior to and during the conference.

Conference sessions and presenters may also engage online participants prior to, during, and after the conference with additional information.
Attire
Casual attire is welcome. We recommend wearing layers, as the temperature in the meeting rooms is sometimes cold.

Location and Parking
The City Engineers Annual Conference will be held at the Earle Brown Heritage Center, 6155 Earle Brown Drive, Brooklyn Center, Minnesota, 55430. For further information or directions, please visit www.earlebrown.com. Free parking is available surrounding the facility.

Accommodations
Hotel rooms can be reserved at the Embassy Suites Minneapolis – Brooklyn Center Hotel, 6300 Earle Brown Drive, Brooklyn Center (conveniently connected to the Earle Brown Heritage Center by walkway). Make your reservation by calling the hotel directly at 763-560-2700. Ask for the “U of M” rate.

Continuing Education Units
Participants who attend the entire conference will receive 1.55 Continuing Education Units (CEUs). One CEU is defined as 10 contact hours of participation in an organized continuing education program. A CEU certificate will be sent to each participant after the conference. A permanent record of CEUs earned will be maintained by the University of Minnesota Office of Admissions and Records Transcript Office.

Please visit the following website for pertinent information about PDH requirements: mn.gov/aelslagid/conted.html#go.html
2017 City Engineers Annual Conference Planning Committee

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Joseph Rhein, Co-Chair, Bolton & Menk, Inc.
Kevin Bittner, Bolton & Menk, Inc.
Todd Blank, Short Elliot Hendrickson, Inc.
Steven Bot, City of St. Michael
Dan Coyle, Kimley-Horn and Associates
Morgan Dawley, WSB & Associates, Inc.
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Zack McGough, University of Minnesota
Katherine Hagberg, University of Minnesota

For Further Information
Katherine Hagberg
College of Continuing Education
University of Minnesota
612-624-4230
cceconf3@umn.edu

www.ceam.org
Annual Meeting of the City Engineers Association of Minnesota
January 25-27, 2017

Last Name    First Name    M.I.

Company/Institution    Title/Position

E-mail

Business Address

City        State ZIP

Daytime Telephone    Fax Number

☐ I am a new member/first-time attendee
☐ I require vegan/vegetarian/gluten-free meals

Registration Fees
☐ $305 – Conference (not including lunch on Friday)
☐ $320 – Conference plus lunch on Friday

2017 CEAM Membership Fees
☐ $60 – Full membership
☐ $60 – Associate membership

Payment Method
☐ Enclosed is a check or money order payable to the University of Minnesota.
☐ My fee will be paid by my employer. Enclosed is a purchase order or a letter of authorization.
☐ Please charge my credit card:
   ☐ Visa   ☐ MasterCard   ☐ Discover   ☐ American Express

Card Number    Expiration Date

Name as printed on the card    Dollar amount to charge

Signature of cardholder

Payment by check, purchase order, or credit card must accompany this registration form for you to be registered.

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www.ceam.org

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CCE Information Center
University of Minnesota
353 Ruttan Hall
1994 Buford Avenue
Saint Paul, MN 55108-6069

Fax to:
612-624-5359

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Disability accommodations for this event will be provided upon request. This brochure is available in alternate formats. Please call 612-625-5960.