



APRIL 2017

Newsletter of the Northern Virginia Chapter Construction Specifications Institute

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CHAPTER MEETING - APRIL 12, 2017

Role of the Geotechnical Engineer

ITALIAN STYLE BUFFET

- Mixed Green Salad & Assorted Rolls
- Grilled zucchini, yellow squash, and plum tomatoes
- Roasted Rosemary Potatoes
- Seared Frenched Chicken with bold rock hard cider au jus
- Balsamic marinated Flank Steak with Gorgonzola demi-glace
- Chef's choice of Dessert

PRICES

Members: \$18
 Retired: \$35
 Emeritus: \$35
 Non-Members: \$48
 Table Top: \$275

SCHEDULE

- 6 pm: Social hour
- 7 pm: Dinner
- 8 pm: Program

LOCATION

Washington Dulles Airport Marriott
 45020 Aviation Drive, Sterling, VA

Description: Attendees will learn about the essential value added that comes from having a quality geotechnical consultant fully engaged in a project from start through to construction. The presentation will highlight how the geotechnical consultant can fit into the flow of project consultants.

Learning Objectives: The attendees will learn:

- What the geotechnical consultant should do for the design team during the design and construction phases.
- How an existing building or new building is retrofitted to sustain loads from the redesign and ensure the health, safety and welfare of the general public.
- How to improve the design efficiency early in the project and the importance of a geotechnical consultant in dealing with obscure issues.
- How results from site and soils analysis are used to determine areas of the foundation that can remain as is, or that require additional foundations to safely support the building.
- The importance of involving the geotechnical consultant early in the design process and how it can save headaches for the design team and money for the owner.
- How the geotechnical consultant's role interacts closely with the site/civil and environmental aspects of a project and the entire design team.
- The evaluation methods and techniques used to determine the safety of the building and ensure the welfare of its occupants upon completion of the retrofit, renovation, and/or restoration.



Speaker: Blaire Banagan, PE has provided project management, construction observation, and subsurface investigation services for various projects throughout the United States and abroad. As a Project Engineer, her experience includes coordinating and performing geotechnical site reconnaissance and subsurface investigations; per-

Speaker: Ronald T. Manney, PE has over ten years of experience in geotechnical engineering on projects in the northeast United States and multiple regions of the Middle East, Africa, and Asia. His engineering experience includes geotechnical design of shallow and deep foundation systems, ground improvement, design and coordina-

Banagan photo on page 2

Manney photo on page 2

Register for the meeting at <http://novacsinet.starchapter.com> by noon March 7, 2017
 Questions? Please send them to csinorthernva@google.com.

Schedule of FY2017 Chapter Presentations

September 14, 2016

Automatic Entrance Systems
Will Johnson, Stanley Access Technologies

October 12, 2016

Total Passive Fire Protection
Speaker: Jason McKay

November 9, 2016

Permeable Pavements
Speaker: Scott Stannard

December 14, 2016

Designing with Daylight
Speaker: David Conrath

January 11, 2017

25th Anniversary Banquet
Managing Client Expectations
Speaker: Heath Suddleson

February 8, 2017

LEED Social Equity and Resiliency
Credits
Aileen Horn

March 8, 2017

Floodplain Design, Construction,
and Impacts on Flood Insurance
Speaker: Kurt Luecke

★April 12, 2017

Role of the Geotechnical Engineer
*Speakers: Blaire Banagan and
Ron Manney, Langan Engineers*

May 10, 2017

Dupont Circle Tour & Dinner
Speaker: To be Announced

June 14, 2017

Awards Banquet with Special
Guest Speaker
Speaker: To be Announced

July/August 2017

Board Transition and Summer
Planning Meeting

September 14, 2017

Fire Rated Glass
Speaker: To be Announced

FY2017 Month to be determined

Building Information Modeling
Speaker: To be Announced

FY2017 Month to be determined

LEED: Health Product Declaration
Statements

Future topics subject to change

SPEAKER DESCRIPTION CONTINUED FROM PAGE 1



Blaire Banagan

Banagan bio continued from page 1

forming engineering analyses including bearing capacity, pile capacity, settlement, slope stability, seismic hazards, excavation support and lateral earth pressures; and preparing geotechnical reports. In addition, Ms. Banagan has engineering experience in the field including logging of geotechnical borings, testing compaction of fill, observing the installation of driven piles and drilled piers, observing the construction of shoring systems, observing and testing temporary and permanent tiebacks and tiedowns, and checking subgrade preparation for foundation excavations. Ms. Banagan holds a B.S. in Civil Engineering from Lafayette College and a M.S. in Geotechnical Engineering from the University of California, Berkeley, and is a registered professional engineer and LEED accredited professional. ❖

Manney bio continued from page 1

tion of subsurface investigations, geophysical analysis, rock mechanics, supervision of field personnel, supervision of construction activities, and monitoring of existing structures during construction. Ron has designed foundations and provided geotechnical recommendations for some of the most high-profile projects in the world. State-side, Ron is currently the managing geotechnical engineer for Langan in the Washington, DC area. His clients in the Mid-Atlantic region have grown to include a number of universities, private developers, and contractors.

On site in Saudi Arabia, Ron coordinated geotechnical investigations and provided recommendations for the proposed tallest building in the world, Kingdom Tower. Ron has also identified innovative foundation design solutions for American embassies in Morocco, Brazil, Libya, Australia, Iraq, Mexico, Kyrgyzstan, Tajikistan, and Zimbabwe. ❖



Ron Manney

MIDDLE ATLANTIC REGION 2018 CONFERENCE



Winchester, Virginia
MARC 2018 - April 19-22, 2018

Winchester Walking Mall - Save the Date

NOVA MEMBER ANNIVERSARY DATES

April 2017

Amy Kilburn, CSI, CCS, AIA ..27 years
Senior Specifications Writer

Alan Geary , CSI, CCPR, AIA 21 years
Design Consultant

Michael Kelley, CSI.....18 years
Director of Construction

Scott Ewing, CSI4 years
Mid Atlantic Construction Special-
ties

Fred Rudiger Jr., CSI, AHC....4 years
Specification Consultant

Gerry OKeefe, CSI, LEED2 years
Specification Specialist

Anthony Stazzone, CSI 1 year
Architectural Sales Manager

RENEWAL DATE REMINDERS

April 2017

Alan Geary4/30/2017

Charles Henry Jr.....4/30/2017

Amy Kilburn4/30/2017

Michael Montgomery..4/30/2017

Anthony Stazzone.....4/30/2017

Michael Stenberg.....4/30/2017

May 2017

Michael Kelley5/31/2017

Timothy McLaughlin5/31/2017

June 2017

Dell Ewing6/30/2017

Luigi Grande.....6/30/2017

David Lorenzini6/30/2017

Deborah MacPherson...6/30/2017

Mortimer Marshall Jr...6/30/2017

David Metzger6/30/2017

Robert Molseed6/30/2017



APRIL 2017

PRESIDENT'S MESSAGE

Jesse Oak, NOVA CSI President



Dear CSI Members,

It is finally April and Spring is here at long last as the season of renewal. Now is the time for spring cleaning and a time to look at changes to the Chapter and the organization to better serve you, so speak up, and better yet, think about visiting the upcoming chapter meeting to reconnect and network with colleagues in your industry.

Think about how you can contribute to strengthening and growing the chapter or volunteering to help with a project. Renewal is a good thing and helping your chapter does have benefits and rewards for your knowledge and your career.

It is election time, so remember to vote and if you lost the link sent to you previously or need help please ask. This is your Chapter so express your vote on who you would like to represent you on the Board.

Renewal, regrowth, and change that is how organizations evolve and grow. But we need your help, your ideas and especially new members. CSI is the one professional organization to bring together all of the various groups involved with the constructed environment from the owner, the contractor, material manufacturer and supplier and designer, CSI provides a great forum to share information, network and collaborate. So invite a friend or colleague you can introduce and bring into the CSI family.

Stay safe and hope to see you soon. ❖

EDUCATION, TECHNICAL, AND CERTIFICATION

John Geniesse, NOVA CSI Education/Technical/ Certification Committee Co-Chair and President-Elect



UPCOMING 2016-2017 CSI EVENT DATES TO REMEMBER:

April 12, 2017 - Chapter Meeting at Washington Dulles Airport Marriott Hotel.

May 19-21, 2017: MARC 2017, Pittsburgh, PA. Program and registration is available at <https://www.eventbrite.com/e/2017-csi-middle-atlantic-region-conference-pittsburgh-pa-tickets-31002377947?aff=erelexpmt>.

August 18-19, 2017: Middle-Atlantic Region LOS, Heritage Hills Resort, York, PA.

September 13-15, 2017: Construct2017, Providence, RI.

PREPARE NOW FOR CDT Spring 2017 certification exam.

CSI's FREE Candidate Handbook (PDF): Use this handbook to help you prepare for CSI's certificate exams: CDT, CCCA, CCPR, CCS.

CDT Exam Study Workbook - Downloadable: Study Workbooks are guides that help candidates prepare for CSI CDT certificate and certification exams. The workbooks include key terms, exercises, examples, and practice questions. Learn more.

CSI MasterFormat 2016 update was released for purchase, and a free download of numbers and titles is available at <http://www.CSIresources.org/practice/standards> and click on **Numbers and Titles**. ❖

EMPLOYMENT OPPORTUNITY - ARCHITECTURAL SPECIFICATION WRITER NEEDED

Position Title: Architectural Specification Writer

Job Type: Full-Time (4-1/2 days per week)

Company: Jacobs

Industry: Construction (A/E Design)

Minimum Education: CCS Certificate or Architect/Engineer Degree

Minimum Experience: 6 years writing specifications with A/E Firm or contractor/facilities manager

U. S. Citizenship: Required.

Location: Arlington, Virginia

Jacobs is seeking a talented professional specification writer to work with architect and engineer teams during design through construction document phases on public projects. As a fully integrated member of various project teams, candidate should have a minimum of 10 years of diversified project experience, with at least 6 years of writing project specifications.

Job Responsibilities:

Review architectural drawings to identify scope and content for specifications. Assist design teams in selection of materials, products, finishes and installation methods commensurate with the needs of the project. Prepare written technical specifications using office masters, commercial specifications, and create specification sections using MasterSpec format in Microsoft Word and UFGS in SpecSintact. Coordinate contents of the Project Manual. Access the requirements for a project and work with the Project Manager to determine scope of work. Perform quality control review of drawings and specifications to provide feedback to project teams. Coordinate specifications with drawings; coordinate all Division sections throughout all disciplines. Be a resource professional to the project teams.

Must be a multi-tasker who has strong organizational and word processing skills, reliable, dedicated to accuracy and able to work and be flexible with the Architect and Engineering team. Experience in writing Division 01 Sections and Construction Administration experience is desirable. ❖

Contact: Stephen.Wakeman@jacobs.com (703) 623 2310

Q & A WITH OUR MARCH MEETING SPEAKER

We had an interesting meeting in March on Floodplain Design, Construction, and Impacts on Flood Insurance. The speaker was **Kurt Luecke, Smart Vent Products, Inc. | Risk Reduction Group**. After the meeting we asked if they had guide specifications for their products. This was to encourage more connection with **specifications**. After some research, we received this response from **Tom Little**, CFM, CGP Vice President, Flood Insurance Broker for the company:

1. **Does Smart Vent+ILC provide the specifications in CSI format? Yes we do. Attached is the 3-part spec. Also we have listing on ARCAT** <http://www.arcat.com/sd/specalist.cgi?coid=40692&mf=04&coname=Smart%20Vent%20Products,%20Inc.&speclist=083919sma.08392sma.Point-of-Use.Flood.Barriers>.
2. **Does SV+ILC use the 2016 MasterFormat found on the CSI website? Yes we do.**
3. **What Division does Flex Wall products fall under? You will see on the spec we have 083919 listed for our Point-of-Use Flood Barriers (watertight doors related). But we are related to section 107119 Flood Barriers as well. We fall into both depending on the application.**
4. **How does SV+ILC interact with the specifier? What does the process/timetable look like? What kind of support do they provide the Specifier? We will interact at what ever level the specifier wishes. Best approach is to build the spec out jointly based on the project demands. This will ensure that if there are any red flags, they are caught before the project goes out to bid, rather than after. We don't want to see any delays associated with re-engineering something to meet a specification. With us involved from the beginning we can address any engineering changes and relay the ramifications on the design up front. With our FEMA floodplain management and flood insurance back ground, we also can provide insight on what needs to be put into the specification to ensure it complies to federal, state, and local flood zone requirements, and how it may influence the flood insurance for the client. From a timetable standpoint it all depends on the project needs and how complex the design is. Something in our favor is that we have many unusual projects under our belt that has given us great experience which is speeding up the process everyday. For a straight forward project utilizing one of our current systems we can provide input in days.** ❖

Editor: We thank Tom Little for the great answers and their appreciation of specifier tools.

Past Presidents of Northern Virginia CSI

Listed by Fiscal Year Dates

- 1992 William C. Pegues
 - 1993 William C. Pegues
 - 1994 Joseph A. Wintz III*
 - 1995 Henry Doyle**
 - 1996 Steve Szoke ***
 - 1997 Michael Clancy
 - 1998 Gloria Buchanan
 - 1999 Brian Trimble
 - 2000 Jean Carr ****
 - 2001 Robert Morris III
 - 2002 William Pegues
 - 2003 David Lorenzini
 - 2004 Mary-Ellen Pfiester
 - 2005 Marshall Moss
 - 2006 Diane Pittman
 - 2007 Alan Geary
 - 2008 Alan Geary
 - 2009 Jason McKay
 - 2010 Jason McKay
 - 2011 Paul Brosnahan
 - 2012 Deborah MacPherson
 - 2013 Deborah MacPherson
 - 2014 Luigi Grande
 - 2015 Luigi Grande
 - 2016 Jesse Oak
- *Senior Lecturer at Clemson University, South Carolina.
 **Relocated to Indiana
 ***Relocated to Illinois



APRIL 2017

SUMMARY OF NOVA BOARD MEETING MINUTES FOR MARCH 2017

1. **Call to Order:** Jesse Oak, President, called the **March 2017** regular meeting of the Board of Directors to order on **Wednesday, 8 March 2017 at 5:12 pm** at the Washington-Dulles Airport Marriott Hotel.
2. **Treasurer's Report:** Diane Pittman provided the Treasurer's Report:
 - a. **Checking** \$10,767.22; **CD** \$5,138.23; **Total** \$15,905.45.
3. **President's Report and Discussion Items**
 - a. Luigi was saddened to inform the board of the unexpected passing of his wife of 47 years, Diane Grande, on 3 March.
 - 1) Diane was remembered by most of the current board members as a lovely and gracious hostess for meetings held at the Grande home in Herndon.
 - 2) Mike Clancy moved a \$250 donation to the American Diabetes Association, as requested by the family, and the motion passed. Diane Pittman will send a check.
3. **Committees:**
 - b. **Membership** – Tom McConnell, Chair: Institute website shows 64 members current.
 - c. **House** - Bob Trafton Chair: 16 are pre-registered for dinner.
 - d. **MARC 2018** – William Pegues, David Lorenzini, and Bob Trafton:
 - 3) David reported seventeen chapters included in the Mid-Atlantic Region of CSI.
 - 4) David and William noted that MARC is not limited to CSI members. Also encouraged to attend are Contractors, Friends, Family, and Product Representatives.
 - 5) William reported preparations being on schedule.
 - a) Publicity Committee needs to get names of Institute attendees in order to begin correspondence.
 - b) Publicity also needs to contact MAR Chapters and Institute to provide them with information for calendars and newsletters.
 - c) Confirmed our sponsorship of the Saturday night hospitality suite for MARC 2017, scheduled to take place in Pittsburgh on May 20.
 - 6) David noted that the brochures have been distributed widely to vendors.
 - 7) MARC 2017 will include a Hospitality Suite to promote MARC 2018.
 - a) We will need to plan for presentation materials and setup for refreshments.
 - 8) William plans to take additional responsibility for the MARC committee since David is extremely busy with projects and their associated deadlines.
 - 9) The MARC 2018 website is reported to be operational, but not yet complete.
 - e. **Programs** – Cynthia Heimann, Chair:
 - 1) Cynthia provided a list of programs for the next few months:
 - a) **April 2017:** "Role of the Geotechnical Engineer" by Langan engineers.
 - b) **May 2017:** DuPont Circle tour and Dinner.
8. **Old Business**
 - a. Star Chapter Discussion:
 - 1) There were a number of problems encountered by StarChapter registrants for the March meeting.
 - b) EventBrite was not activated for this meeting, which may have been a premature action.
 - 2) **Note:** It is imperative for all NOVA members to check and update their personal information on the Institute Portal site so that they may receive messages properly and be able to login and use StarChapter features.
4. **New Business:**
 - a. Our "free" teleconferencing system is operational. David plans to utilize it for bi-weekly teleconferences for MARC 2018 coordination.
5. **Adjournment:** There being no further business to come before the board, Presiding Officer Pittman declared the meeting adjourned at 6:08 pm. ❖



Mike Montgomery
Secretary

Submitted: Michael Montgomery, Secretary

Mike

Chapter Board of Directors

Past President	Luigi Grande <i>luigig2288@verizon.net</i>
President	Jesse Oaks <i>rivenmaster@comcast.net</i>
President-Elect	John Geniesse <i>jgeniesse@stanleyworks.com</i>
1st Vice President	Tom McConnell <i>tom@construxva.com</i>
2nd Vice President	Cynthia Heimann <i>cheimann@kgdarchitecture.com</i>
Secretary	Mike Montgomery <i>mbmonty@embarqmail.com</i>
Treasurer	Diane Pittman <i>diane.pittman108@comcast.net</i>
Director, 2018	Mike Clancy <i>mike@archres-inc.com</i>
Director, 2018	Bill Rains <i>bill.rains@sherwin.com</i>
Director, 2018	Robert Trafton <i>rtrafton@nehmer.com</i>
Director, 2017	Allan Geary <i>ageary@cdc-usa.com</i>
Director, 2017	David Lorenzini <i>deloren@verizon.net</i>
Director, 2017	Grant Rogers <i>groggers101@comcast.net</i>

Chapter Committees

Awards	Bill Rains <i>bill.rains@sherwin.com</i>
Editor	David Lorenzini <i>deloren@verizon.net</i>
Electronic Comm.	Jesse Oak <i>joak@pbheeryamericas.com</i>
E.T.C.*	Mike Clancy/John Geniesse, Co-Chairs <i>mike@archres-inc.com / jgeniesse@stanleyworks.com</i> <i>*(Education/Technical/Certification)</i>
Finance	Diane Pittman <i>diane.pittman108@comcast.net</i>
Historian	John Geniesse <i>john.geniesse@sbdinc.com</i>
House	Jason McKay <i>jmckay@isolatek.com</i> Robert Trafton <i>rtrafton@nehmer.com</i>
Membership	Tom McConnell <i>tom@construxva.com</i>
Nominating	Luigi Grande <i>luigig2288@verizon.net</i>
Programs	Cynthia Heimann <i>cheimann@kgdarchitecture.com</i>

Middle Atlantic Region

President Gail Nagie *GailLynnNagie@gmail.com*

Institute

Director Marvin Kemp *mkemp@designcollective.com*

REGISTRATION IS OPEN FOR MARC 2017



Editor's Corner

Comments regarding this newsletter are welcome. Original contributed articles are encouraged. Submit them in Word DOC format to *deloren@verizon.net*. Articles should be concise and to the point, accompanied by graphics, if applicable, in JPG format. ❖

Editorial Policy: NOVASPEC acts as a moderator without approving, disapproving, or guaranteeing the validity of accuracy of any data, claim, or opinion appearing under a byline or obtained or quoted from an acknowledged source. The opinions expressed by authors do not necessarily reflect the official views of the Northern Virginia Chapter CSI or The Construction Specifications Institute.

All material for each issue must be received by the Editor 3 weeks before the next Chapter meeting date.

The Construction Specifications Institute (CSI) is a nationwide, nonprofit, technical organization dedicated to the advancement of construction technology through communications, education, research, and service. Founded in 1948, CSI provides a forum for architects, engineers, specification writers, contractors, suppliers, and others in the industry.

Our mailing address: Northern Virginia Chapter CSI, PO Box 223415, Chantilly, VA 20153, 703-402-0903, <http://nova.csinet.org/>

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