



Connecticut Society of Civil Engineers 2012-2013 Annual Report

The CSCE of the present is the result of a merger of two organizations 30 years ago. The Connecticut Society of Civil Engineers was founded in 1884, while the Connecticut Section of the American Society of Civil Engineers was founded in 1919. In 1958, the Section had 523 members. In 1955 (the nearest comparable year for reliable numbers), the Society had 1,033 members. The two organizations met separately until they merged in 1981, by mutual vote of membership, to become the Connecticut Society of Civil Engineers Section of American Society of Civil Engineers or CSCE.

SEPTEMBER 2012 - JUNE 2013 ~ CSCE YEAR IN REVIEW

The 2012-2013 session was a busy time for CSCE. We started the year off with our meeting in New Haven addressing the topic of professional continuing education in Connecticut and ASCE's Raise the Bar initiative. I want to thank Roy Merritt and the members of the Legislative Affairs Committee for the countless hours that they put in on behalf of CSCE. Roy also attended the Legislative Fly-In in Washington DC this year. If you have not heard, ASCE released its *2013 Report Card on America's Infrastructure* in March. The Report Card has become a valuable tool to build awareness on the aging infrastructure system and the critical need to fund design and construction projects in our industry.

We have enjoyed record attendance at our dinner meetings this year. I believe this is due to the fact that the economy is improving and our members realize the benefit of the great networking and learning opportunities that CSCE provides. We also continued our partnership with the Deep Foundations Institute (DFI). We held another successful DFI- CSCE Annual Geotechnical Seminar at the University of New Haven. On behalf of the CSCE board, I would like to thank the Geotechnical Technical Group, and Gary Fuerstenberg, P.E. for organizing these events. Gary also serves as CSCE Treasurer and has done a great job with both of these responsibilities.

This year we hosted the ASCE Region I meeting in Hartford. The meeting brought together ASCE section leaders from New England to discuss the future, and solidify a vision for our region. Billy Cunningham has served as Governor, and has done a wonderful job in motivating the membership and moving our organization forward.

We have our annual golf tournament coming up on June 21st that will benefit our scholarship fund. This year's golf outing will include a homestyle BBQ. The event promises to be one of the best tournaments we have had. This year the Board awarded twelve scholarships totaling \$8,000 to students throughout the state. Our scholarship fund continues to slowly grow under the management of Jim Sime. Jim has done a great job of managing the fund.

This year marks a very important event for CSCE. Our new President, Sara Ramsbottom, P.E., is the **first woman** to be president of our organization. I did a little research on this and I found out that I may be the first hispanic to be elected President of CSCE. This proves the diverse nature of our membership and the need to bring new professionals into our organization. Getting back to Sara, I have never met anyone more devoted to this organization than she is. She has been quietly giving 110% of her time for years and years. I wish her and the new Board members the best of luck in continuing to steer CSCE in the upcoming years. I have no doubt that Sara will be one of our finest Presidents.

The 2012-2013 CSCE calendar year has been a very eventful year. I have served on the Board now for several years and I am amazed at the dedication and commitment that this volunteer organization exhibits. I would like to thank all of the Section's Board Members, Committee Chairs, and Amy Petrone for putting in all the hard work necessary to make this year a success. As I move on to assist Sara Ramsbottom as Director-I, I know that the Section is in great hands for several years!

Robert S. Gomez, 2012-2013 CSCE President

CSCE BUDGET - TREASURER'S ANNUAL REPORT

Thank you to all members for supporting CSCE with your time, talent, and treasure. CSCE is in an overall positive and healthy financial position. Most events operate at a loss and are subsidized by section dues. However, our cash reserve continues to decrease, year to year. The Board will discuss stabilization of our reserves over the coming year and appropriate actions will be taken as necessary.

Income and expense summaries for fiscal year 2011-2012 (October 1, 2011, to September 30, 2012) are complete. The fiscal year included the following one-time events: 1) closing the Fairfield Brach checking account and 2) withdrawal from the Scholarship Fund for a portion of the student scholarships awarded.

Income and expenses summaries for fiscal year 2012-2013 (October 1, 2012, to September 30, 2013) are complete. The fiscal year included the following one-time events: 1) support for ASCE Region 1 assembly in Hartford, CT and 2) support for the 2013 ASCE Eastern Region Younger Member Council Meeting and Multi-Region Leadership Conference in Providence, RI.

2013 STUDENT AWARDS

At its April 2013 Monthly Dinner Meeting at the U.S. Coast Guard Academy, CSCE distributed the following awards to civil engineering students:

2013 ASCE/CSCE OUTSTANDING STUDENT AWARDS

These awards recognize an outstanding civil engineering student in a dignified public way. To be considered for this award, candidates must be nominated by the department in which the chapter/club resides; be a member in good standing of the chapter/club of the American Society of Civil Engineers; have a record of active involvement and leadership in campus and student chapter/club activities; and graduate prior to the start of the fall term of the year in which the award is made.

Ashley Kocsis, University of Connecticut
Andrew Saunders, University of New Haven
Christine Barry, University of Hartford

Sharon Moses, Central Connecticut State University
Carl Schemel, U.S. Coast Guard Academy
Edward Sella, U.S. Coast Guard Academy

2013 ASCE/CSCE STUDENT SCHOLARSHIPS

These scholarships provide an incentive award that is within the reach of every average, hard working civil engineering student. To be eligible, a full time junior year student must be enrolled in an accredited civil engineering curriculum leading to a Bachelor of Science Degree in Civil Engineering, or an Associates Degree in Civil Technology, be in good academic standing, and be an active member of the ASCE Student Chapter or Club.

Robert Rosa, University of Connecticut
Garrett Buratto, University of New Haven
Eyas Azzuni, University of Hartford
Cody L'Heureux, Central Connecticut State University
Anthony Monteforte, U.S. Coast Guard Academy

2013 CSCE CIVIL ENGINEERING/CONSTRUCTION SCHOLARSHIPS

Established in 2011, these scholarships provide an incentive award that is within the reach of every hard working student currently accepted in a college, university or technical school, in a civil engineering or construction related program and with a permanent residence in Connecticut.

Michael Bauer, University of New Haven

ANNUAL REPORTS OF COMMITTEES & TECHNICAL GROUPS

HISTORY AND HERITAGE COMMITTEE

The History & Heritage Committee continues two initiatives, responding to inquiries from engineers, design professionals, and the curious, and preparing a nomination for ASCE National Landmark status for the Farmington Canal and New Haven Northampton Railroad (New Haven Northampton alignment). CSCE receives inquiries about specific structures or engineering topics. These inquiries may be research for rehabilitation of a structure, an understanding when certain materials such as reinforced concrete came into use, or to satisfy an inquiring mind. The nomination of the New Haven Northampton alignment is progressing at a deliberate pace. Volunteers are welcome.

LEGISLATIVE AFFAIRS COMMITTEE

CSCE's Legislative Affairs Committee, as part of a coalition with ACEC, NSPE, and the Structural Engineers Coalition, met with the State Board of Examiners and the Department of Consumer Protection to gain their support for adding a continuing education requirement for renewal of PE licenses. This resulted in SB 923 being drafted by the General Assemblies General Law Committee. CSCE submitted testimony in support of SB 923. SB 923 ultimately died in the General Law Committee in March, leaving Connecticut as one of the 10 states without a continuing education requirement.

The Legislative Affairs Committee provided testimony in support of numerous tolling bills, promoting increases to revenue supporting transportation infrastructure, and provided testimony in support of HB 6441, which would require regular inspections of dams in Connecticut. This bill was passed as Public Act 13-197 and was signed by the Governor on June 21, 2013. Testimony was also provided in opposition to HB 5051 - which would subject engineering services to a reverse auction procurement process. Ultimately, the bill did not progress out of the committee.

In April, Legislative Affairs had ASCE issue a legislative alert to all Connecticut members, urging them to call their State Senators in support of SB 327, which would allow Professional Engineers who have left the State and surrendered their Connecticut licenses to obtain a new Connecticut license when they return to practice in the state without having to pay the lapsed renewal fees for each year they were not practicing in CT. This bill was passed as Public Act 13-216 and was signed by the Governor on June 21, 2013.

SCHOLARSHIP FUND COMMITTEE

During the 2012-2013 CSCE Program Year, the Scholarship Fund has remained fully invested. Its value on April 30, 2013 was \$155,426. There were no contributions deposited to the fund in the past year, however the Board budgeted \$9,000 from operations for scholarship payouts as scholarship awards in Spring 2013, so there were no withdrawals from the fund. For the period April 2012 to April 2013, the fund increased in value by 13.1%, following 2.1%, 11.3% and 25.3% gains in the previous three years.

During the year, in the fixed-income component of the portfolio (30%), we maintained a ladder of FDIC-insured Certificates of Deposits (CDs) to protect 2/3rds of the fixed-income element of the portfolio against capital loss associated with future increases in interest rates. In future, after interest rates have returned to historically normal levels and as CDs mature, it is anticipated that bond funds will be repurchased. In the equity component of the portfolio (70%), the investment strategy continues in a Swensen-style diversified portfolio of ultra-low-cost, no-transaction-fee Exchange Traded Funds (ETFs) that track major indices in U.S. domestic markets (30%), developed country markets (15%), emerging markets (5%), and real estate (20%). Frequent portfolio rebalancing is again planned for 2013-2014.

WATER RESOURCES COMMITTEE

The Water Resources Committee coordinated the topic and speaker for the November 2012 CSCE Dinner meeting held at the University of Connecticut located in Storrs, Connecticut. Calvin Noling, CEO of StormwaterRx LLC spoke about stormwater treatment for industrial facilities across the country. A discussion about industrial runoff, which typically contains concentrations of metals, hydrocarbons, organics, bacteria, and

nutrients was presented. In addition, Lesley Sweeney, P.E. Environmental Engineer from USDA Natural Resources Conservation Service spoke about extreme precipitation events and their effect on design criteria for future projects. Extreme precipitation data in CT has not been thoroughly updated since the early 1960's. A brief overview of the history of climatology in CT, how it has changed, and how these changes may affect planning and designs of engineering projects was presented. The Northeast Regional Climate Center (NRCC) in conjunction with NRCS and Cornell University has created a web-based product with updated estimates of extreme rainfall of various durations and recurrence intervals, rainfall distribution curves, and IDF curves. These are used in hydrologic models, including NRCS' WinTR55, WinTR20, and EFH-2, to estimate runoff for design rainfall events. The Committee has also continued dialogue with the Connecticut Section of the American Water Works Association and the Fresh Ideas program. In the 2013-2014 CSCE Program year, the Committee is looking to increase membership, coordinate field trips and a topic and speaker for the CSCE monthly dinner meeting.

YOUNGER MEMBER COMMITTEE

This year the CSCE Younger Members Committee (YMC) finalized our by-laws and with that, officially nominated a four-person board to distribute the responsibilities within the YMC. The board consisted of Jennifer Buchanon (President), Brian Burke (Vice President), Daniel Valentine (Treasurer), and Omkar Jambotkar (Secretary) along with the exceptional help of Sara Ramsbottom (Immediate Past YMC Chair) and Ray Janeiro (Golf Tournament Chair). The YMC planned our first Social Outing in the fall at Chicago Sam's in Cromwell where we had over 30 YM's attend!! It was an amazing first event success. The CSCE YM's also attended our annual CT Whale Hockey Game at the XL Center on October 12th to see the Whale play their inter-state rival the Bridgeport Sound Tigers. In November, the YMs attended a beer tasting and brewery tour at Hooker Brewery in Bloomfield, CT and attracted even non-CSCE YMs with our delicious appetizers and almost 15 person crowd (which included former CSCE executive board members as well)!! More social outings have been held and have been well attended. We are excited to have the increase in interest this year and hope to plan more events to encourage YM networking and involvement in CSCE.

Along with the social events, the YMC board has met regularly over the course of the year to plan the events and to also begin to organize student outreach and volunteer efforts. YM Ines Walther attended the Fairfield County MathCounts competition as a scorer/judge and solicited help from the YMs. Our treasurer Dan Valentine coordinated with the Connecticut Parks & Trails Associations for a trail cleanup, which was held on Saturday, May 18, 2013. More than a dozen volunteers helped with a trail relocation project near the Wigwam Reservoir in Watertown, CT. With the help of recommendations provided by YM Toshi Karato and to keep up with our annual traditions, the YMC organized a baseball outing over the summer to see the Bridgeport Bluefish play ball! These games are always well attended by the YM crowd, and it keeps our momentum going as we enjoy the long days of summer!

Three YMs (Dan Valentine, Lamin Williams, and Jen Buchanon) attended the Eastern Regional Younger Members Conference (ERYMC) held in Warwick, RI over the very snowy weekend of February 8 to 9. This conference is a great way to meet fellow younger members from along the eastern seaboard and as far west as Tennessee and Kentucky. Through various presentations given by ASCE leaders and the RI YM planning committee, ideas are exchanged and a wealth of ASCE knowledge is obtained. We hope to take what we've learned from this conference and use it to build-up our CT YM group. We have some great ideas for volunteer efforts as well as student outreach tips that we hope to employ over the next year.

In social media news, our Vice President this year, Brian Burke, has been working to get a YM Twitter page up and running. We have been working with ASCE to get all the appropriate approvals in order and hope to get the page up and running by the beginning of the next season. This will help us broadcast our events to even more members and also be an easy resource for people to check-in with us and provide feedback and activity suggestions.

Finally, we can't forget about the 18th Annual CSCE Golf Tournament that has historically been planned by the YMC and has been chaired by Ray Janeiro for the past few years. Ray has done a great job setting up the tournament in the past and we hoped that by making the event on a Friday morning at Timberlin Golf Club in Berlin (a nice central location) would attract more people. We also re-formatted our sponsorship structure, which allowed for lower level as well as heftier sponsorship levels. With the help of CSCE members, we made the Golf Tournament a success again by raising \$997.22 this year. There were 35 participants in this year's Tournament and the winners were Michael Cote, Ben Cote and Tom Miano. This contribution to the CSCE Scholarship Fund helps young Civil Engineers finish their degrees and get started helping make CT's report card ratings rise!!

Thank you to all of the YMs who participated in the events this year. We are so excited about the successes of this year, and hope to continue through the next years with the same energy!!

GEOTECHNICAL TECHNICAL GROUP

Section Dinner Meeting - GTG co-sponsored with the CCSU Student Chapter of the CSCE the October 16, 2012, dinner meeting held at Angelico's. GTG arranged the program, Geotechnical Components of the CTfastrak Project. The speaker was Randy States, P.E., of Nobis Engineering,

Continuing Education – 3rd Annual Geotechnical Workshop: GTG arranged, co-sponsored with the Deep Foundation Institute (DFI), a one day geotechnical workshop entitled, Ground Improvement in the 21st Century held at the Alumni Lounge at the University of New Haven in West Haven, Connecticut, on April 12, 2013. The Workshop was accredited to offer 8.0 New York State PDH's. The speaker was Vernon Schaefer, Ph.D., P.E. of Iowa State University. Thank you to the exhibitors and DFI for providing the administrative support for the seminar.

15th Annual Geotechnical Seminar: GTG arranged, and cosponsored with the Deep Foundation Institute (DFI), a one day geotechnical seminar titled *Forensic Geotechnical Engineering* which was held at the Four Points Sheraton Hotel In Meriden, Connecticut, on September 21, 2012. The following speakers presented various topics of the subject matter:

Norbert Delatte, P.E. (Key note speaker) – Cleveland State University

Donald Doeg, P.E. – Updike, Kelly & Spellacy

Bill Walton, P.E. – GEI Consultants, Inc.

William Shaheen, Ph.D., P.E. – Analytical Engineering, Inc.

Mike Yako P.E. and Jeanne LeFebvre P.E. – GEI Consultants, Inc.

Eighty-five people registered for the seminar, primarily from Connecticut, New York, New Jersey and Pennsylvania. Five firms exhibited at the seminar. The seminar was accredited for 4.5 New York State PDH's. Thank you to the exhibitors and DFI for providing the administrative support for the seminar and to the exhibitors.

Jim Warren and long time CSCE members Larry Johnsen and Stan Bemben were recognized as the guiding light behind the seminar in 1998.

Committee for 2012-2013 - The following were active GTG member for the 2013-2013 year.

Gary Fuerstenberg (Chair), Larry Johnsen (Member at Large), Tim Crowl (Member at Large), Randy States (Member at Large), Peter Heynen (Member at Large), Joe Kidd (Member at Large), David Freed (Member at Large), Hudson Jackson (Member at Large), Gregory Broderick (Member at Large), George Costa (Member at Large), Dan Kinard (Resident Past Chair 2) Stanley Bemben (Resident Past Chair 1)

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STRUCTURES TECHNICAL GROUP

2013 Committee: Omkar Jambotkar P.E., Parsons Brinckerhoff (Chair), Peter Cloudas P.E., Anchor Engineering (Co-Chair), Ann Brickley UConn (Secretary), Rabih Barakat Connecticut Department of Transportation (Member At Large), Arash Zaghi UConn (Member At Large)

The Structures Technical Group is responsible every year to arrange one dinner meeting. This year's meeting was held at U.S. Coast Guard Academy in New London, CT, on April 17, 2013. The topic was "Structure Type Reports" presented by Dennis Gonano P.E., of US Bridge and was well received with about 96 attendees.

ACHIEVEMENT IN CIVIL ENGINEERING (ACE) AWARDS - MAY 8, 2013

The 6th Annual Achievement in Civil Engineering (ACE) Awards was held on Wednesday, May 8, 2013. The event was hosted by Jennifer Pagach, Climate Specialist and Adjunct Professor, and sponsored by 2 Gold Sponsors (Michael Baker Engineering and CDM Smith), 5 Silver Sponsors (AECOM, Keville Enterprises, GeoDesign, Inc., Nobis Engineering, and Siefert Associates) and 1 Contributor Sponsor (ARCADIS). ASCE President-Elect, Randall S. "Randy" Over, P.E., F.ASCE, was a distinguished guest of CSCE at the ceremony. Mr. Over is the Ohio Department of Transportation District 12 Construction Engineer. He began his involvement in ASCE in 1982 as the President of the ASCE student chapter at Ohio State University. He has chaired or served on numerous ASCE committees throughout his career and has also been a Vice President of Zone II and a Director of District 7. Mr. Over holds a Bachelor of Science in Civil Engineering from Ohio State University.



At the ACE Awards, CSCE recognized the following members with various awards:

2013 ASCE LIFE MEMBERS

Robert Blake	James Low	Allen Novakouski	Leon Wolochuk
William Buckley	James Meyers	Paul Reed	James Rongoe
Guy La Bella	James Miller	John Thompson	Jan Stribula

Life Member status is an honor awarded to members who have made a lifetime commitment to ASCE and the civil engineering profession by remaining members for the full length of their professional careers. To obtain Life Member status, ASCE Members, Associate Members or Affiliate Members must have reached the age of 65 years; paid dues in any membership grade except student member for at least 30 years; and have 10 years of continuous membership immediately preceding the attainment of Life Member status. Life Member status exempts a member from further payment of membership dues.

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AECOM

2013 PRESIDENT'S AWARD

This award is given to an individual selected by the outgoing president who has contributed to the advancement of the Section through her efforts over the preceding year. CSCE extends its deep gratitude to this year's award recipient, Sara Ramsbottom, P.E. for her continuous contributions to CSCE during the last several years. She has devoted countless hours to the success of our organization throughout the years and she has set a very high standard for current and future members to aspire to.

BENJAMIN WRIGHT AWARD

The Benjamin Wright Award is the Connecticut Society of Civil Engineers' highest award, presented from time to time to a civil engineer practicing in Connecticut who has demonstrated outstanding practice throughout his or her career, and made significant contributions to civil engineering.

Past Recipients of Benjamin Wright Award

1980	Edward Gant	1988	Philip Burton	1996	Earl R. Howard	2004	Paul Carver
1981	Charles Cahn	1989	Jack Stephens	1997	Eugene D. Jones	2005	Roger S. Chapman
1982	Clarence Dunham	1990	Philip Keene	1998	Charles Rejcha	2006	Stanley Bemben
1983	Arthur Sweeton	1991	E. Russell Johnston	1999	Robert O. Disque	2007	Howard I. Epstein
1984	Norman Nadel	1992	Frank J. Zamecnik	2000	John Lenard	2008	John Dugan
1985	Victor Scottron	1993	Herbert S. Levinson	2001	Remy Papp	2009	William O'Neill
1986	Morton Fine	1994	Morris Schupack	2002	Kenneth Gibble	2010	Clarence Welti
1987	Wilbur Widmer	1995	Charles H. Thornton	2003	Roald Haestad	2011	George Torello, Jr.

In 2013, no candidate was chosen for this award. If you would like to nominate a candidate for this award, please contact Amy Petrone by email at admin@csce.org. Thank you!

Induction of 2013-2014 Officers

President ~ Sara A. Ramsbottom, P.E. ~ President-Elect ~ Kassim M. Tarhini, P.E.
Treasurer ~ Gary J. Fuerstenberg, P.E. ~ Newsletter Editor ~ Jennifer N. Buchanon, P.E.
Director I ~ Robert S. Gomez, P.E. ~ Director II ~ Jason F. Waterbury, P.E.



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ACE Awards

CSCE recognized innovation and advancement in the field of Civil Engineering; contribution to the well-being of people and communities; excellence in the management of design and/or construction; accomplishment of project objectives in the face of significant challenges; ingenuity in construction techniques, materials or applications; and client satisfaction through the distribution of ACE Awards and ACE Awards of Merit. CSCE would like to thank all the applicants for their participation. CSCE received submissions in the following categories:

Construction ACE Applications

CTfastrak - I-84 Viaduct Pier Modifications, West Hartford

Applicant: CTfastrak Team ~ Owner: Connecticut Department of Transportation

The I-84 Viaduct Pier Modifications were a post-bid addition to Construction Contract 3 of the CTfastrak program. The additional construction creates space for an improved alignment of the CTfastrak bus rapid transit system between Flower Street and Sigourney Street. The improved alignment required relocating/modifying three existing piers for the overhead I-84 viaduct. I-84 is a major freight and vehicle corridor for New England carrying 175,000 vehicles per day to downtown Hartford. The construction sequence was further constrained by follow-on activities by other contractors in the same area. These modifications required contributions of a multi-disciplinary team to achieve optimum design and constructability and to meet the stringent requirements set forth for cost and schedule. Existing foundations were supplemented with new micropile foundations and grade beams to support the loads of new columns. The new columns were constructed and topped off with three-sided reinforced concrete beams around the existing pier caps (termed "hot dog buns") with pockets for jacks. The jacks were used to transfer loads to the new columns. The existing columns were sawcut and removed. Construction activities were essentially invisible with no interruption to the traffic above.

The owner of this project is the Connecticut Department of Transportation, program manager is Michael Baker Jr. Inc., designer is H.W. Lochner and the contractor is The Middlesex Corporation.

Groin Structure for Niantic Bridge Replacement Project, East Lyme

Applicant: Siefert Associates, LLC ~ Owner: Amtrak

A brand new beach was created in the popular tourist community of Niantic, thanks to a collaborative effort between Amtrak and multiple State and Federal agencies. While the most significant portion of the project in terms of dollars is the replacement of a movable railroad bridge, a most important environmental aspect was the successful replenishment of a 2500 foot long stretch of an underutilized waterfront park. The park improvements included extending the beach 27 feet seaward and installing a stone groin to create, protect and stabilize an estimated 9 acres of pristine shoreline.

The local citizens were quite excited about this project as the new beach will be open the public for the first time this summer. As Niantic First Selectman Paul Formica states, "It will be like putting Rocky Neck Park in downtown Niantic!" The innovative construction techniques utilized along with the temporary geotechnical design aspects of the groin structure were an integral part of bring this much anticipated project to fruition.

I-95 New Haven Harbor Crossing Corridor Improvement Program - Visual Design & Construction (VDC), New Haven Applicant & Owner: Connecticut Department of Transportation

The I-95 New Haven Harbor Crossing Corridor Improvement Program is the largest transportation improvement initiative ever undertaken by the Connecticut Department of Transportation (CTDOT). The \$2B Program is a multi-modal transportation improvement program that includes operational, safety and capacity improvements to approximately 11.5 kilometers (7.2 miles) of Interstate 95 in New Haven, East Haven and Branford. The replacement of the existing Pearl Harbor Memorial Bridge (I-95 over New Haven

Harbor/Quinnipiac River) (locally known as the “Q” Bridge), with a new signature, ten-lane extradosed bridge is the centerpiece of the Program.

The Program also includes the reconstruction of the I-95/I-91/Route 34 Interchange in New Haven, a complex project that requires the construction of 18 new bridges, 3 widened bridges, 21 permanent retaining walls, 3 temporary retaining walls and 12 highway ramps and the removal of 21 existing bridges. The I-95 NHHC Corridor Improvement Program uses the VDC tools, a 3D/4D digital model to visualize the design of the project and how it will be constructed.

To accomplish this this while maintaining lanes for 140,000 vehicles per day through highways designed for 40,000 vehicles per day CTDOT is using Virtual Design and Construction (VDC) to support the construction of the I-95 NHHC Corridor Improvement Program. Parsons Brinckerhoff is providing the VDC service for the Program with the collaboration of the CTDOT, Designers, Contractors and CE&I firms. The 3D/4D model of the I-95 NHHC Corridor Improvement Program is one of the largest, most complex and extensively used digital models for a transportation program in the United States.

*Main Street Bridge over Stoughton Brook, South Windsor
Applicant: Folsom Construction, LLC ~ Owner: Town of South Windsor*

This bridge had been constructed in 1939 and was in poor condition. The steel beams were rusted and deteriorated, the concrete deck and parapet walls had deteriorated and were allowing water to leak through this bridge. There were metal beam guide rails along three corners but these were not attached to the concrete parapet walls. The road had flat areas with poor drainage near the old bridge, and there were several places around the bridge where the roadside banks had washed out due to the poor road drainage.

The Town of South Windsor hired WMC Engineers to inspect this bridge and 3 other local bridges in Town in the winter of 2005. They rated this bridge as being in fair condition overall with the steel beams in poor condition, the concrete deck and parapet walls in fair condition and the abutments and walls in satisfactory condition. They recommended the Town post this bridge for a reduced load limit of 21 Tons and plan to replace the superstructure in the next 5-10 years.

In the Fall of 2007, the Town hired WMC Engineers to prepare design plans to replace the bridge superstructure, add drainage to the road and repair the abutment walls.

Town held a public information meeting in July 2008 to gather public feedback on this project. The main concerns were that the residents wanted the new bridge to look similar to the existing bridge because of the historic nature of Main Street. Also, there were concerns about closing the road for an extended period and it was noted that Main Street is on the Hartford Marathon route and has an annual Heritage Day event in the fall that utilizes this bridge.

The design was changed to provide openings in the parapet wall similar to the old bridge. This required much more reinforcing in the parapet walls. Plans and supporting documents were submitted to ConnDOT and the South Windsor Inland Wetlands Agency for review and permitting. Reviews and permitting took longer than expected because there were changes in the way permits were reviewed and issued by ConnDOT, ConnDEEP and ACOE during this time. Revisions were made to the plans based on comments received from utilities, ConnDOT and ConnDEEP. These revisions included changing the roadway drainage to avoid disturbing a water main on the east side of the bridge, removing proposed rip rap and replacing it with plants to stabilize the stream banks near the bridge abutments, and altering the Water Handling Plan to minimize disturbance to the stream bed during repairs to the walls under the bridge. Final permits and approvals to construct the new bridge were received in May 2012.

The Greater Springfield Reliability Project, Connecticut & Massachusetts
Applicant: Burns & McDonnell Engineering Company, Inc. ~ Owner: Northeast Utilities

Northeast Utilities selected Burns & McDonnell, based locally in Wallingford, Connecticut to serve as Program Manager for the \$1.5 billion New England East-West Solution (NEEWS) Program, which consists of four related transmission projects. Together, the projects are needed to solve existing problems with the transmission system to meet national and regional reliability standards and provide adequate electric power.

The Greater Springfield Reliability Project (GSRP) is the first of the four NEEWS projects to be constructed. The GSRP project began construction in late-2010 and energized 35 miles of new 345-kilovolt (kV) overhead transmission line and 59 circuit miles of rebuilt 115 kV lines in March of 2013. The electric reliability project spanned 39 corridor miles passing through Bloomfield, East Granby and Suffield, Connecticut as well as Agawam, Chicopee, Ludlow, Springfield and West Springfield, Massachusetts. In Connecticut the project includes 12 miles of new 345 kV overhead transmission lines as well as a major substation upgrade in Bloomfield.

Town Dock and Marina Improvements, Milford
Applicant: DeCarlo & Doll, Inc. ~ Owner: City of Milford

DeCarlo & Doll was selected by the City of Milford Public Works Department to prepare the necessary documents to repair/replace the Town Dock located at the end of High Street. Our services included surveying and mapping, permitting, geotechnical soil boring program, design, bidding, award, construction administration and full time resident engineering. The Project was part of a City of Milford \$2.4 million bond program for Capital Development and Preservation of the public access to the Milford Harbor.

Yale Campus/Trumbull Street Area Sewer Separation Phase 1A, New Haven
Applicant & Owner: Greater New Haven WPCA

The Greater New Haven Water Pollution Control Authority (GNHWPCA) was challenged with completing the sewer separation of a 1,800 foot section of Trumbull Street in New Haven. Trumbull Street is the Gateway into New Haven and Yale University. The area is lined with legacy trees up to 5' in diameter and is home to some of the most prestigious law firms in the area. In order to protect the trees, minimize disruption to businesses, and SQUEEZE the necessary piping into the roadway, GNHWPCA and the design team of Cardinal Engineering, Haley and Aldrich, The Care of Trees/Davey Resource Group, and VHB, selected Pipe Jacking for the pipe installation method. In order to create a corridor for the new piping, approximately 1 mile of underground utilities had to be relocated. Trees in the construction area were inventoried and their root systems mapped with Ground Penetrating Radar. Traffic detour routings for Exit 3 of I-91 were established and coordinated with the multiple projects in the area. The decision was made to close Trumbull Street eastbound to the entry of I-91 for the project duration. A series of Public Information Meetings and Periodic Updates were established to keep the community informed of the progress of the work and detours that are in effect.

The \$12.4 million construction team was led by C.J. Fucci, Inc. and M&P Jacking. Construction required internal inspection and monitoring of the 1860s brick sewer which is within inches of the pipe jacking and treatment of any tree roots encountered as live utilities, with notifications to the arborist and protecting the roots from dehydration and sag. Pipe jacking pits were utilized as dual directional so reaction walls had to be self supporting against the jacking forces. The 36" sewer and 72" storm drains were jacked between the 60" brick sewer and utility poles that housed 13.8 kV power. The construction cut through one of the busiest intersections in New Haven, both from a traffic perspective as well as a utility corridor. Due to the low cover and numerous utilities, storm piping had to be changed from a single 72" pipe to twin 48" pipes. All the work occurred while keeping the existing combined sewer in service.

Now completed, the project has connected a 120 acres of separated urban area into the downstream outlet to the Mill River. The project reduces combined sewer overflows from Long Island Sound by an estimated 1 million gallons for a two year design storm. The project was featured as the cover story in the New England Construction News, June 2012 edition.

2013 Construction ACE Award Recipient
Groin Structure for Niantic Bridge Replacement Project, East Lyme
Applicant: Siefert Associates, LLC ~ Owner: Amtrak



2013 Construction ACE Award of Merit Recipient
Yale Campus/Trumbull Street Area Sewer Separation Phase 1A, New Haven
Applicant & Owner: Greater New Haven WPCA



2013 Construction ACE Award of Merit Recipient
CTfastrak - I-84 Viaduct Pier Modifications, West Hartford
Applicant: CTfastrak Team ~ Owner: Connecticut Department of Transportation



Geotechnical ACE Applications

CTfastrak - Flatbush Avenue Bridge, West Hartford
Applicant: CTfastrak Team ~ Owner: Connecticut Department of Transportation

Flatbush Avenue Bridge over CTfastrak and Amtrak realigns approximately 1400 feet of Flatbush Avenue at the West Hartford/Hartford town lines and grade separates the local roadways from Amtrak and CTfastrak alignments. Design and construction of Flatbush Avenue Bridge features several geotechnical innovations such as use of prefabricated vertical drains (wick drains), a geotechnical instrumentation and monitoring program, lightweight fill, and design elements that compensate for anticipated differential settlements between pile supported structures and approach roadways. Due to challenging sub--surface conditions, schedule constraints, management and protection of traffic and coordination with multiple abutting properties accelerated construction techniques were necessary. The benefits of this grade separation project include improved safety,

pedestrian and bicycle access, vehicular movements and traffic flow and the promotion of transit-oriented development in the area.

*Groin Structure for Niantic Bridge Replacement Project, East Lyme
Applicant: Siefert Associates, LLC ~ Owner: Amtrak*

A brand new beach was created in the popular tourist community of Niantic, thanks to a collaborative effort between Amtrak and multiple State and Federal agencies. While the most significant portion of the project in terms of dollars is the replacement of a movable railroad bridge, a most important environmental aspect was the successful replenishment of a 2500 foot long stretch of an underutilized waterfront park. The park improvements included extending the beach 27 feet seaward and installing a stone groin to create, protect and stabilize an estimated 9 acres of pristine shoreline.

The local citizens were quite excited about this project as the new beach will be open the public for the first time this summer. As Niantic First Selectman Paul Formica states, “It will be like putting Rocky Neck Park in downtown Niantic!” The innovative construction techniques utilized along with the temporary geotechnical design aspects of the groin structure were an integral part of bringing this much-anticipated project to fruition.

*The Little Theater Addition and Renovation, New Haven, CT
Applicant: Haley & Aldrich ~ Owner: Area Cooperative Educational Services (ACES)*

Non conventional and innovative geotechnical methods and solutions were used to preserve, expand and renovate the Little Theater historical site to provide additional instructional space for students studying music, dance, theater, creative writing, or visual arts at the Area Cooperative Educational Services (ACES) Educational Center for the Arts (ECA). Lot line to lot line construction is challenging in urban settings due to construction below and adjacent to existing structures. Construction of a basement below an existing building is inherently challenging, too. Non conventional geotechnical investigation equipment and methods were required for performing subsurface explorations inside and outside the building. Geotechnical construction drawings were prepared considering the use of only miniature construction equipment in the new 20 foot by 100 foot addition and the new 20 foot by 40 foot basement below the existing auditorium. Miniature construction equipment and innovative methods were used for geotechnical construction at the narrow site and to drive pipe piles. Four separate delays and unanticipated conditions presented extra challenges during geotechnical construction.



**2013 Geotechnical ACE Award Recipient
The Little Theater Addition and Renovation,
New Haven
Applicant: Haley & Aldrich ~ Owner: Area
Cooperative Educational Services (ACES)**

2013 Geotechnical ACE Award of Merit Recipient
CTfastrak - Flatbush Avenue Bridge, West Hartford
Applicant: CTfastrak Team ~ Owner: Connecticut Department of Transportation



Transportation ACE Applications

Regional School Bus Study, SCRCOG Region ~ Applicant: VN Engineers, Inc. ~ Owner: SCRCOG

This study reviewed the number of recent advances in alternative fuel technology and corresponding opportunities for bus operators to benefit from the use of alternative fuel technology to reduce diesel emissions, improve air quality, limit health risks, improve efficiency, extend vehicle life, and increase energy independence. This study also reviewed the implementation issues towns, cities and private bus companies would face with the new, alternative fuel technology. VN broke the study up into three sections. The first section involved the research and documentation of the current practices in the region. The second section involved the discussion of the alternative fuels available to the bus fleets as compared to the traditional fuels. The third section reviewed the potential energy savings and made recommendations based on the current school bus fleets throughout the region.

**2013 Transportation
ACE Award of Merit Recipient**

**Regional School Bus Study
SCRCOG Region**

Applicant: VN Engineers, Inc.

Owner: SCRCOG



Water Resources/Environmental ACE Applications

Steelpointe Harbor Redevelopment Project, Bridgeport

***Applicant: Luchs Consulting Engineers, LLC ~ Owner: Bridgeport Landing Development
and the City of Bridgeport***

Luchs Consulting Engineers is the Prime consultant for Bridgeport Landing Development providing full design services for this 52-acre Brownfield revitalization project located on Bridgeport Harbor. This long awaited project is being developed in partnership with the City of Bridgeport, and contains 2,600,000 square foot of mixed coastal, retail, commercial, and residential uses. This is a Transit Oriented Development with integrated access to I-95, State/City roads, nearby rail and bus stations, a marina, pedestrian-friendly streetscapes, new parks, and will contain one of the largest coastal public access walks in Connecticut.

University of Hartford Dam Removal - Bridge Construction, Hartford

Applicant: CDM Smith ~ Owner: University of Hartford

CDM Smith worked with the MDC, and CT DEEP on the removal of the University of Hartford Dam. The existing dam was hydraulically and structurally inadequate which created public safety and maintenance issues for the university. The removal of the dam required significant hydraulic analysis, water resources permitting, and innovative project delivery to complete the project within the expected parameters.

Yale Campus/Trumbull Street Area Sewer Separation Phase 1A, New Haven

Applicant & Owner: Greater New Haven WPCA

The Greater New Haven Water Pollution Control Authority (GNHWPCA) was challenged with completing the sewer separation of a 1,800 foot section of Trumbull Street in New Haven. Trumbull Street is the Gateway into New Haven and Yale University. The area is lined with legacy trees up to 5' in diameter and is home to some of the most prestigious law firms in the area. In order to protect the trees, minimize disruption to businesses, and SQUEEZE the necessary piping into the roadway, GNHWPCA and the design team of Cardinal Engineering, Haley and Aldrich, The Care of Trees/Davey Resource Group, and VHB, selected Pipe Jacking for the pipe installation method. In order to create a corridor for the new piping, approximately 1 mile of underground utilities had to be relocated. Trees in the construction area were inventoried and their root systems mapped with Ground Penetrating Radar. Traffic detour routings for Exit 3 of I-91 were established and coordinated with the multiple projects in the area. The decision was made to close Trumbull Street eastbound to the entry of I-91 for the project duration. A series of Public Information Meetings and Periodic Updates were established to keep the community informed of the progress of the work and detours that are in effect.

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2013 Water Resources/Environmental ACE Award Recipient
Yale Campus/Trumbull Street Area Sewer Separation Phase 1A, New Haven
Applicant & Owner: Greater New Haven WPCA



2013 Water Resources/Environmental ACE Award of Merit Recipient
University of Hartford Dam Removal - Bridge Construction, Hartford
Applicant: CDM Smith ~ Owner: University of Hartford



CONGRATULATIONS TO PAST ACE AWARD WINNERS!

2012 Construction ACE Award

Project: Trumbull Street Sewer Separation Project, Phase 1B, New Haven, CT
Project Team Members: URS Corporation, AES

2012 Geotechnical ACE Award

Project: CRRA 550,000 Gallon Jet Fuel Storage Tank - Rammed Aggregate Pier Foundation, Hartford, CT
Project Team Members: TRC Environmental Corporation and DeCarlo & Doll, Inc.

2012 Geotechnical ACE Award of Merit

Project: Kensett Development, Darien, CT
Project Team Members: GEI Consultants, Inc., Sun Homes, Buckingham Partners and the WARJAM Group Ltd.

2012 Structural ACE Award

Project: Mayor Mike Peters Pedestrian Bridge at Adriaen's Landing, Hartford, CT
Project Team Members: Purcell Associates, Inc., Loureiro Contractors, Waterford Development, LLC and CT DOT

2011 Construction ACE Award

Project: Homestead Avenue Interceptor Extension
Owner: The Metropolitan District Commission
Applicants: AECOM and Northeast Remsco Construction, Inc.

2011 Construction Award of Merit

Project: Rehabilitation of Bridge #03852 Hales Road over Metro North
Owner: Connecticut DOT
Applicants: Siefert Associates, LLC, Loureiro Contractors, Inc., and Marino, Division of Barnhart Northeast

2011 Geotechnical ACE Award

Project: United Illuminating Company Central Facility
Owner: United Illuminating Company
Applicants: GEI Consultants, Inc., S/L/A/M Collaborative, and Whiting – Turner Contracting Company

2011 Structural ACE Award

Project: I-95/I-91/Route 34 Flyover
Owner: Connecticut Department of Transportation
Applicants: H.W. Lochner, Inc., Parsons Brinckerhoff, Inc., and Haley & Aldrich, Inc.

2012 Structural ACE Award of Merit

Project: Pedestrian Access to the General Sullivan Bridge, Dover, NH
Project Team Members: GM2 Associates, Inc., VHB, Cianbro and the NH DOT

2012 Transportation ACE Award

Project: Reconstruction of U.S. Route 7 in Danbury and Ridgefield, CT
Project Team Members: Gannett Fleming, Inc., CT DOT, Parsons Transportation Group, and Haley & Aldrich

2012 Transportation ACE Award of Merit

Project: Traffic Control Signal Modernization Project, New Haven, CT
Project Team Members: Tighe & Bond and the City of New Haven Department of Transportation, Traffic & Parking

2012 Water Resources/Environmental Award of Merit

Project: Moodus Reservoir Dam Reconstruction
Project Team Members: WMC Engineers, D&V Morin Construction Company, Connecticut Department of Energy and Environmental Protection

2011 Transportation ACE Award

Project: New Haven Bus Maintenance Facility
Owner: Connecticut Department of Transportation
Applicant: Michael Baker Engineering, Inc.

2011 Transportation Award of Merit

Rehabilitation of Bridge #03852 Hales Road over Metro North
Owner: Connecticut Department of Transportation
Applicants: Siefert Associates, LLC, Loureiro Contractors, Inc., and Marino, Division of Barnhart Northeast

2011 Water Resources/Environmental ACE Award

Project: Kleen Energy Systems Water Supply System
Owner: Kleen Energy Power Plant
Applicants: Milone & MacBroom, Inc., O&G Industries, Silver Petrucelli & Associates, and the Middletown Water & Sewer Department

2011 Water Resources/Environmental Award of Merit

Project: Homestead Avenue Interceptor Extension
Owner: The Metropolitan District Commission
Applicants: AECOM and Northeast Remsco Construction, Inc.

2011 Structural Award of Merit
Project: Reed Street Railroad Bridge
Owner: Norwalk Department of Public Works
Applicants: A. DiCesare Associates, P.C.

2010 Construction ACE Award
Project: Replacement of Amtrak Movable
Span – Thames River
Owner: Amtrak-Engineering Structures
Applicants: URS Corporation, HNTB Corporation,
Cianbro Corporation

2010 Geotechnical ACE Award
Project: I-95 New Haven Harbor Crossing Corridor
Improvement
Owner: Connecticut Department of Transportation
Applicants: GeoDesign, Inc., Parsons Brinckerhoff, URS
Corporation, Cianbro/Middlesex Joint Venture

2010 Geotechnical Award of Merit
Project: I-95 to Route 34 Flyover
Owner: Connecticut Department of Transportation
Applicants: Walsh Construction Company, Hayward Baker
RT Group, Inc., Gannett Fleming

2010 Structural ACE Award
Project: Katharine Hepburn Cultural Arts Center (The Kate)
Owner: Town of Old Saybrook
Applicants: GNCB Consulting Engineers, Inc., East Wharf
Architects, Rudolph Netsch Construction Company

2009 Construction ACE Award
Project: Middletown to Norwalk 345 kV Transmission
Project, Bridgeport & Stratford
Owner: United Illuminating Company
Applicants: Black & Veatch Corporation and
Luchs Consulting Engineers, LLC

2009 Geotechnical ACE Award
Project: New Haven Harbor's Twin 48" Force Main
Crossing
Owner: Greater New Haven WPCA
Applicants: URS Corporation and GeoDesign, Inc.

2009 Structural ACE Award
Project: Beacon Hall Conversion at Housatonic Community
College, Bridgeport
Owner: Connecticut Department of Public Works
Applicant: GNCB Engineers

2010 Transportation ACE Award
Project: Route 2 Corridor Improvements
Owner: Connecticut Department of Transportation
Applicants: Mashantucket Pequot Tribal Nation, Purcell
Associates, Cardi Corporation

2010 Transportation Award of Merit
Project: Bridgehampton Crossing
Owner: Wilson Development, LLC
Applicants: BL Companies, LICO Group Corporation,
CONTECH Construction Products, Inc.

2010 Water Resources ACE Award
Project: Olmstead Pond Modifications
Owner: City of Norwalk
Applicants: Tighe & Bond, Inc. and A.J. Penna & Son

2010 Water Resources Award of Merit
Project: FEMA Accreditation Project Hartford Levee &
Flood Control System
Owner: City of Hartford
Applicants: GEI Consultants, Inc. and Fuss & O'Neill, Inc.

2009 Transportation ACE Award
Project: Truck Escape Ramp, Avon
Owner/Applicant: Connecticut Department of Transportation

2009 Transportation Award of Merit
Project: Route 34 Roundabout & Roadway Improvement
Project, New Haven
Owner: Connecticut Department of Transportation
Applicant: Tighe & Bond, Inc.

2009 Water Resources/Environmental ACE Award
Project: Sanitary & Storm Sewer Repairs, Middletown
Owner: Middletown Water & Sewer Department
Applicants: United International Corporation and DeRita
Construction Company

2009 Water Resources/Environmental Award of Merit
Project: Biological Nutrient Removal, Hartford WPCF
Owner: The Metropolitan District Commission
Applicant: Malcolm Pirnie, Inc.

2008 Construction ACE Award

Project: Burton Family Football Complex, University of Connecticut

Owner: University of Connecticut

Applicant: BSC Group, Inc.

2008 Construction Award of Merit

Project: Tower Brook Conduit Extension, Hartford

Owner: Metropolitan District Commission

Applicant: CDM, Metropolitan District Commission and Paganelli Construction

2008 Geotechnical ACE Award

Project: Precast Concrete Cofferdams – Sikorsky Bridge, Milford/Stratford

Owner: Connecticut Department of Transportation

Applicant: GeoDesign, Inc.

2008 Structural ACE Award

Project: Adaptive Use of the Wauregan Hotel, Norwich

Owner: Becker + Becker Associates

Applicant: GNCB Engineers

2008 Structural ACE Award of Merit

Project: Hubbard Road Bridge & Road Extension

Owner: Town of Guilford

Applicant: DeCarlo & Doll, Inc.

2008 Transportation ACE Award

Project: Replacement of the Sikorsky Bridge (Route 15) over the Housatonic River, Milford/Stratford

Owner: Connecticut Department of Transportation

Applicant: Parsons Brinckerhoff

2008 Transportation Award of Merit

Project: New Haven Rail Yard Running Repair Shop, New Haven

Owner: Connecticut Department of Transportation

Applicant: STV Incorporated

2008 Water Resources/Environmental ACE Award

Project: Tower Brook Conduit Extension, Hartford

Owner: Metropolitan District Commission

Applicants: CDM, Metropolitan District Commission and Paganelli Construction

2008 Water Resources/Environmental ACE Award of Merit

Project: Breakthrough Magnet School Project, Hartford

Owner: Capital Regional Education Council

Applicant: URS Corporation



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East Hartford and New Haven, Connecticut

PAST PRESIDENTS

CSCE would like to honor the service of our CSCE Presidents who have made major accomplishments to our organization. The CSCE of the present is the result of a merger of two organizations over 25 years ago. The Connecticut Society of Civil Engineers was founded in 1884, while the Connecticut Section of the American Society of Civil Engineers was founded in 1919. In 1958, the Section had 523 members. In 1955 (the nearest comparable year for reliable numbers), the Society had 1,033 members. The two organizations met separately until they merged in 1981, by mutual vote of membership, to become the Connecticut Society of Civil Engineers Section of American Society of Civil Engineers or CSCE. CSCE would like to thank past presidents John Lenard (Section President 1979), David Mylchreest (Society President 1979), Alan Wengell (Section President 1980), Clifford Washburn (Society President 1980) for their work in merging the two organizations.

Presidents of the Connecticut Society of Civil Engineers Section of American Society of Civil Engineers (Including Presidents of the Connecticut Section of the American Society of Civil Engineers (1919-1980))

2012-2013	Robert Gomez	1980-1981	Alan Wengell (CSCE)	1950-1951	Charles W. Cooke
2011-2012	Jason Waterbury	1979-1980	Clifford Washburn (CT Section)	1949-1950	Frank Ragaini
2010-2011	Rabih Barakat	1979-1980	John Lenard	1948-1949	Francis .S. Castleman, Jr.
2009-2010	Ronald Nault	1978-1979	Gary Smith	1947-1948	Philip G. Lourson
2008-2009	Christopher Holden	1977-1978	John Carvey	1946-1947	William S. Wise
2007-2008	James Silva	1976-1977	David Gates	1945-1946	Clarence W. Dunham
2006-2007	Charles Sawyer	1975-1976	William Boyens	1944-1945	William .J. Cox
2005-2006	Thomas Roy	1974-1975	David Densmore	1943-1944	Charles S. Farnham
2004-2005	William Cunningham	1973-1974	Ross Lanus, Jr.	1942-1943	Burke L. Bigwood
2003-2004	Vincent Siefert	1972-1973	George A. Binaco	1941-1942	Arthur W. Bushell
2002-2003	Randall States	1971-1972	Alfonso M. Cavaliere	1940-1941	William A. D. Wurts
2001-2002	Thomas Nolan	1970-1971	Richard L. Paull	1939-1940	W.J. Scott
2000-2001	Robert Blake	1969-1970	Marcus L. O'Sullivan	1938-1939	R.H. Suttie
1999-2000	Daniel Foley	1968-1969	Richard A. Hansen	1937-1938	Henry W. Buck
1998-1999	Shahvir Vimadalal	1967-1968	Jack E. Stephens	1936-1937	Harold L. Blakeslee
1997-1998	Mario Ricozzi	1966-1967	Theodore F. Collier	1935-1936	Robert A. Caims
1996-1997	Gregory Broderick	1965-1966	Earl R Howard	1934-1935	John C. Tracy
1995-1996	James Randazzo	1964-1965	F.J. Zamecnik	1933-1934	William R. Copeland
1994-1995	Michael Talbot	1963-1964	Theodore A. Brindamour	1932-1933	Charles E. Smith
1993-1994	William Kay	1962-1963	Vincent C. Arpaia	1931-1932	Roscoe N. Clark
1992-1993	David Wall	1961-1962	Edward V. Gant	1930-1931	Carleton T. Bishop
1991-1992	Theodore von Rosenvinge, IV	1960-1961	George E. Heppner	1929-1930	Charles J. Bennett
1990-1991	David Carlson	1959-1960	Ayres C. Seaman	1928-1929	Joseph P. Wadhams
1989-1990	Richard Long	1958-1959	William G. Weaver	1927-1928	Frederick. W. LaForge
1988-1989	Stuart Lott	1957-1958	William S. Kaminski	1926-1927	Charles F. Chase
1987-1988	Luis Alvarado	1956-1957	A.W. Sweeton II	1925-1926	L.J. Carmalt
1986-1987	Stephen McDonnell	1955-1956	Robert P. Vreeland, Jr.	1924-1925	L.J. Carmalt
1985-1986	James Sime	1954-1955	John F. Willis	1923-1924	W. T. Dorrance
1984-1985	Cornelius Geldof	1953-1954	John N. Eckle	1922-1923	Harold. W. Griswold
1983-1984	Howard Epstein	1952-1953	Kenneth C. Tippy	1921-1922	William J. Backes
1982-1983	Arthur Vendola	1951-1952	Elwood T. Nettleton	1920-1921	Charles Rufus Harte
1981-1982	Arthur Vendola			1919-1920	Caleb Mills Saville

Presidents of the Connecticut Society of Civil Engineers (1884-1979)

1979	David Mylchreest	1948	William A. D. Wurts	1920	Thomas A. Scott
1978	Rowland R. Killingbeck	1947	Albert A. Cross	1919	Charles J. Bennett
1977	Andrea C. Schull	1946	F. Walden Wright	1918	William R. Dunham, Jr.
1976	David W. Gates	1945	Henry W. Buck	1917	Henry R. Buck
1975	Roy E. Collins	1944	Clarence N. Wiley	1916	Clarence Blakeslee
1974	Rocco V. D'Andrea	1943	Leslie G. Sumner	1915	Charles C. Elwell
1973	Lawrence A. Fagan, Jr.	1942	Robert S. Rose	1914	George E. Crandall
1972	William E. Delahanty	1941	W. Vincent Barry	1913	Sheldon E. Minor
1971	Clarence B. Sharp	1940	Frederick P. Stabell	1912	A. William Sperry
1970	George S. Koch	1939	Charles Rufus Harte	1911	Charles A. Ferry
1969	Jack E. Stephens	1938	Elwood T. Nettleton	1910	Shepard P. Palmer
1968	Thomas H. Sellew, Jr.	1937	Arthur W. Bushell	1909	Frederick J. Easterbrook
1967	Lawrence R. Browning	1936	Benjamin H. Palmer, Jr.	1908	Edward W. Bush
1966	Philip H. Stevens	1935	W. Howard Sharp	1907	Daniel S. Brinsmade
1964, 1965	Gilbert U. Gustafson	1934	Clarence M. Blair	1906	Charles F. Chase
1963	Roland L. Booth	1933	Charles S. Farnham	1905	Albert B. Hill
1962	James H. Gilbert	1932	Charles A. Wheeler	1904	John K. Punderford
1961	Edwin B. Burdick	1931	Elmer C. Welden	1903	Frederick L. Ford
1960	Robert G. Mitchell	1930	Albert L. Donnelly	1902	Clarence B. Vorce
1959	Robert E. Cross	1929	E. Irvine Rudd	1901	Henry J. Kellogg
1958	Kenneth C. Tippy	1928	George E. Hamlin	1899, 1900	Edwin D. Graves
1957	Charles A. Cahn	1927	Vincent B. Clarke	1897, 1898	Robert A. Cairns
1956	Charles W. Cooke	1926	Joseph P. Wadhams	1895, 1896	William G. Smith
1955	Theodore W. Jones	1925	Charles W. Eddy ^	1891 - 1894	Edwin P. Auger
1954	Burke L. Bigwood	1925	Harold L. Blakeslee	1890	E. Floyd Weld ^
1953	James C. Beach	1924	Leon F. Peck	1890	William B. Palmer
1952	Warren M. Creamer	1923	Alfred H. Terry	1888, 1889	Charles H. Bunce
1951	William S. Wise	1922	Robert J. Ross	1887	Charles E. Chandler
1950	William M. Bolton	1921	J. Frederick Jackson	1886	Charles M. Jarvis
1949	John F. Willis			1884, 1885	Bradley H. Hull

^ Died in office, June 28, 1890

^^ Died in office, June 28, 1925

Our listing of Section Presidents is a work-in-progress. We appreciate your assistance in correcting errors. Please forward corrections (and sources) to Randall States, P.E. (rtstates@yahoo.com), CSCE History and Heritage Committee.

The CSCE Board would like to thank the following people for all of their efforts on behalf of CSCE throughout the 2012-2013 program year.

Committees & Fairfield County Branch

Career Guidance
Jason Waterbury, P.E.

Continuing Education
Jason Waterbury, P.E.

Government Engineers
Rabih Barakat, P.E.

History & Heritage
Randall States, P.E.

Legislative Affairs
Roy Merritt, P.E.

Programs
Jeff Benoit, P.E.

Scholarship Fund
James Sime, P.E.

Water Resources
Thomas Loto, P.E., BCEE

Website
Rabih Barakat, P.E.

Younger Member
Jennifer Buchanon, P.E.

Fairfield County Branch
Ronald Hill, P.E.
President

Technical Groups

Construction
William Cunningham, P.E.

Geotechnical
Gary Fuerstenberg, P.E.

Structures
Omkar Jambotkar, P.E.

Faculty Advisors

Central Connecticut State University
Clifford Anderson, Ph.D., D.WRE

University of New Haven
Gregory Broderick, Ph.D.

University of Hartford
Brian Swartz, Ph.D.

U.S. Coast Guard Academy
Hudson Jackson, Ph.D., P.E.

University of Connecticut
Richard Christenson, Ph.D.