

Volume 36

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VIRGINIA BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND
SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS

Dimensions



Message from the Chair

*-Robert A. Boynton,
Architect*

It is my privilege to chair the APELSCIDLA Board and to have this opportunity to speak with you about the Board and our recent activities.

We have a full Board (13 members) including one newly appointed architect member. Our Board is composed of five disciplines; which is becoming more of the national norm than in the past. The move to more government efficiency and fiscal restraints is moving more states to combine their boards. Virginia's Board has been combined for many years and has worked very well to coordinate regulations of the five professions and to have the professions interact to the benefit of the regulatory process.

APELSCIDLA has recently worked with the Board for Housing and Community Development to clarify exempt work under the new Virginia Building Code. We have also worked with the Department of Environmental Quality to clarify their recent regulations adversely affecting professional engineers' services.

Many of our Board members are involved in different national professional councils which informs our members as to how other states regulate and to national regulatory issues and movements. Each Board discipline has a Section which meets independently and collectively to discuss specific issues relative to their professions. We have combined more and more of these Section meetings as we have found that each profession has valuable insight into issues impacting other professions based on their national exposure.

Board meetings are held four times each year. They are open to the public. The Board members receive their meeting "packages" on a CD before each meeting and they often include over seven hundred pages for discussions at the upcoming meeting. It is my honor to serve with such dedicated professionals and Department staff to carry out the business of the Board.

The Board regulates both individuals and business entities. There are over 42,000 regulants.



Inside this issue:

New Board Members	3-6
NCEES Updates	6-7
Revised Guidance document	8-10
CIDQ News	10
CLARB-Executive Summary, Public Welfare Study	12-13
Disciplinary Actions	15-16
Board Calendar	17

DPOR Director

Jay W. DeBoer



Governor Terry McAuliffe appointed Jay Wayne DeBoer as Director of the Department of Professional and Occupational Regulation in the spring of 2014. Immediately prior to joining DPOR, he worked with the Virginia Association of Realtors, the Commonwealth's largest trade association, in legal and public policy areas. He previously served as the Director of DPOR from 2006 – 2010 in the administration of Governor Tim Kaine, and as the Commissioner of the Virginia Department for the Aging from 2002 - 2006 during the administration of Governor Mark Warner.

Mr. DeBoer was born on July 30, 1953, in Petersburg, Virginia. He attended public schools, and graduated from Dinwiddie County High School in 1971. He was the first National Merit Scholarship finalist in Dinwiddie County history. He received his Bachelor of Arts degree in Government from the College of William and Mary in Virginia in 1975, and his Doctor of Jurisprudence from the Marshall-Wythe School of Law, College of William and Mary, in 1979.

Mr. DeBoer was an attorney in private practice in the Petersburg area from 1979 until 2002. He is a past president of the Prince George Bar Association, and was a member of the Petersburg Bar Association.

Mr. DeBoer was elected to the Virginia House of Delegates in 1982, and from 1983 until 2002, represented the 63rd House District in the General Assembly. He served as Co-Chair of the Health, Welfare and Institutions Committee, and was a member of the Finance, General Laws, Claims, Interstate Cooperation, Science and Technology, and Agriculture Committees. Mr. DeBoer was also a member and past Chair of the Joint Commission on Health Care, member and past Chair of the Virginia Code Commission, and member of the Joint Legislative Audit and Review Commission (JLARC).

APELSCIDLA Regulant Counts as of November 1, 2015

Architects	7,231
Professional Engineers	27,745
Land Surveyors	1,526
Interior Designers	511
Landscape Architects	879
APELSCIDLA Businesses	4,012

**Visit the Town Hall website for up-to-date
information on regulatory actions, board
meetings and much, much more.**

<http://www.townhall.virginia.gov>



APELSCIDLA Board New(ish) Board Members



Charles F. Dunlap, LS

Mr. Dunlap has over 40 years of extensive experience in all facets of the land development surveying and engineering process involving institutional, commercial, industrial, residential subdivision development and public projects. His experience ranges from preliminary studies and plans, rezoning and other zoning land use matters, the preparation and processing of final construction plans through governmental agencies to final approval, providing assistance with permitting, construction services and the bond release process. Mr. Dunlap has also qualified as an expert witness in Fairfax County Circuit Court on Condemnation and Zoning Land Use matters on numerous occasions.

Mr. Dunlap retired from Walter L. Phillips, Inc. in Falls Church, VA in 2012, after more than twenty years with the firm and in 2013 established his own part-time consulting firm, CFD Consulting, LLC. He has also been active in the Virginia Association of Surveyors, Inc., serving as president in 2010, and participating on a number of committees and currently serves as a representative from the Red Bud District on the Frederick County Planning Commission.



Christopher M. Stone, PE

Chris Stone is President of Clark Nexsen, an international architecture and engineering firm headquartered in Virginia Beach. With more than 30 years of experience in the design and management of public, private and commercial projects, he has been involved in over 600 construction projects, totaling over 10,000,000 square feet of construction.

Mr. Stone has served as president of the National Society of Professional Engineers (NSPE), having previously served as president of both the Virginia Society of Professional Engineers (VSPE) and the Tidewater Chapter of VSPE; is a member of the Society of American Military Engineers; and has been named a Fellow with both the American Society of Civil Engineers and the National Society of Professional Engineers. Additionally, Mr. Stone was named the 2012-2013 Chair for the Council on Federal Procurement of Architectural and Engineering Services (COFPAES), and was also appointed to the 2014 Virginia Public Procurement Act working group, studying legislative issues affecting public procurement and preparing recommendations and specific legislative changes for the General Assembly.

Mr. Stone received a Bachelor of Science in civil engineering from the Virginia Military Institute and a Master of Civil Engineering from the University of Virginia.

APELSCIDLA Board New(ish) Board Members (cont.)



Christine Snetter, Architect

Christine Snetter is an Architect/Project Manager in the Facilities Management Department at Thomas Jefferson National Accelerator Facility (Jefferson Lab), a Department of Energy, Physics Research Facility in Newport News, Virginia. She plans, designs and manages projects of varying types and scales at Jefferson Lab. Prior to joining Jefferson Lab, Ms. Snetter played a leadership role at Daniel Mann Johnson & Mendenhall (DMJM) in Washington D.C. where she worked on several multi-million dollar projects including the development of the Pentagon Renovation Program and design of Air Force 1 Maintenance and Support Complex.

Ms. Snetter is involved with the American Institute of Architects (AIA), serving on numerous committees and was the 2008 President of the Hampton Roads Chapter of the AIA. She is also enthusiastic about promoting sustainability in design and construction, and is a member of the US Green Building Council (USGBC) and Global Green USA.

With a passion for community service and educational activities, Ms. Snetter has participated on juries for the Hampton University School of Architecture and Architectural Design Competition at Howard University and has served on the Housing Authority Board of Commissioners for the City of Rockville, Maryland. She has also mentored children for Big Brothers & Big Sisters and spoken at Career Day programs for various high schools.



Mike Zmuda, LS/PE

Mr. Zmuda has over 24 years of experience in all facets of land surveying and processes involving transportation and residential subdivision development. His experience ranges from preliminary studies and plans, geodetic surveys, project management, the preparation of plats and record drawings and final construction plans for a variety of clients, and providing guidance to peers with use of newest and latest data acquisition technologies.

Mr. Zmuda was employed by the Virginia Department of Transportation for 16 years, 7 of which as the State Surveys Program Manager. Currently, he is employed with Johnson, Mirmiran and Thompson (JMT) as the discipline leader for Surveying and Subsurface Utilities Engineering in JMT's Richmond office.

He has been active in the Virginia Association of Surveyors, Inc., serving as Central Chapter President (2005-6), Regional Director (2008-9) and VAS APELSCIDLA Board Liaison (2006-Present). Mr. Zmuda is a committee member with the Transportation Research Board Standing Committee AFB80 Geospatial Data Acquisition Technologies in Design and Construction.

APELSCIDLA Board New (ish) Board Members (cont.)



Cameron Stiles, Certified Interior Designer

FASID, NCIDQ, LEED AP

Cameron C. Stiles has over twenty five years of experience in space planning and interior design. She earned a Bachelor of Fine Arts in Interior Design from Virginia Commonwealth University.

As a Vice President of KSA Interiors in Richmond, VA, Cameron's projects have included work for clients in Health Care, Education and Corporate specialties in Virginia as well as around the nation. Cameron was inducted into the American Society of Interior Designers (ASID) College of Fellows in 2007, recognizing her work with CIDA (Council for Interior Design Accreditation), the Commonwealth of VA APELSCIDLA Board and ASID. For nearly thirty years, Cameron has selflessly donated her time and energy to raising the standards of the interior design profession by championing excellence in design and serving in several ASID leadership positions.



Doyle B. Allen, LSB

Mr. Allen has over 48 years of surveying experience, specializing in land development planning, zoning issues, and road design. His surveying expertise includes topographic, boundary, right-of-way, route location, geodetic control, cross sections, construction stakeout, and GPS. Mr. Allen is the former CEO and Chairman of the Board for Hurt & Proffitt having served as the Chief Executive Officer for 12 years and Chairman of the Board for 6 years. He has also served as managing principal for projects being developed under the Public Private Educational and Infrastructure Act (PPEA) and Public Private Transportation Act (PPTA).

Mr. Allen currently serves as Chairman of the Professional Surveyors Examination Committee for the National Council of Examiners for Engineers and Surveyors. This committee develops the examination for professional surveyors, establishes mobility standards between states and foreign countries and develops licensure standards on a national level. He has been active for many years in professional and civic organizations on both the local and state level including: Colonial States Boards for Surveyor Registration - Executive Director (2005-Present); Virginia Association of Surveyors (President 1995-1996); American Congress on Surveying & Mapping; American Society of Civil Engineers; and the National Society of Professional Surveyors. Mr. Allen previously served on the APELSCIDLA Board from 1997-2005.

APELSCIDLA Board Board Members (cont.) (Newest)

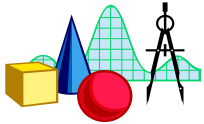


R. Corey Clayborne, Architect

The newest Board member, Corey Clayborne is a Project Manager with Wiley|Wilson. Mr. Clayborne serves local, state, and federal Government clients predominantly in the mid-Atlantic region. His role with the firm consists of securing new clients, cultivating existing client relationships, managing revenue profitably, quality control, strategic planning, business development, and mentorship. He is currently serving in his 12th year with Wiley|Wilson.

Mr. Clayborne is also active with the American Institute of Architects (AIA). During his service tenure with the AIA, he has held Director and Vice President posts at the local, state, and regional levels. Mr. Clayborne will serve as the President of AIA Richmond in 2016.

As a proponent for architectural licensure, he has served as the Architect Licensing Advisor for Virginia since 2011. Multiple Presidents of the National Council of Architectural Registration Boards (NCARB) have appointed him to several committees over the course of his career to help advance the profession.



NCEES Engineering Award Presented to George Mason University



October 9 - APELSCIDLA Board member, Mike Zmuda, PE/LS, presented the 2nd place NCEES Engineering Award and \$7,500 to the George Mason University's Sid and Reva Dewberry Department of Civil, Environmental, and Infrastructure Engineering, Engineers for International Development (EfID). The award was established to promote understanding of the value of licensure and to encourage partnerships between the engineering profession and education, connecting professional practice and

education. EfID's project to develop water supply, distribution, and storage capacity in Sabana Grande, Nicaragua is a collaboration between Mason student engineers and practicing civil engineers. The team aims to enhance infrastructure in this developing community. CEIE's Acting Chair, Liza Wilson Durant, VSE Dean, Ken Ball, and the Engineers for International Development team: Matt Doyle (Director), Kenex Sevilla (past President), Rony Avalos (President) and Dr. Anthony Battistini (faculty advisor) were present to accept the award. NCEES introduced this award in 2009 to recognize college engineering programs for engaging their students in collaborative projects with licensed professional engineers.

www.ncees.org www.civil.gmu.edu



2015 NCEES Annual Meeting Held in Williamsburg

Hard work and great times with friends and colleagues! Those are the words I use to describe the National Council of Examiners for Engineering and Surveying (NCEES) Annual meeting held August 19-21 in Williamsburg, Virginia. Virginia played host state to the national council, which administers examinations for engineers and surveyors, promotes professional licensure, and many other services to their member licensing boards and licensees. Professionals from the 65 member boards, from Maine to Guam, and from Florida to the great state of Washington were in attendance. The Virginia Board was pleased to have the entire Land Surveyor Section and Professional Engineer Section be present at the meeting. Kate Nosbisch, APELSCIDLA Executive Director, also attended and DPOR Director, Jay W. DeBoer, attended a portion of the meeting with the Virginia delegation.

Critical topics to the professions were debated and acted upon at the annual meeting. Such topics included separate licensure for structural engineers and developing opportunities for those interested in pursuing surveying as a career. An important position statement regarding the future of engineering education requirements for licensure of professional engineers was adopted. More information on the topics of discussion and actions can be seen at the NCEES website www.ncees.org.

A new element to the annual meeting this year was the Emerging Engineers and Surveyors Group which is intended to connect young engineers and surveyors with NCEES decision makers. Over 600 young professionals applied from all over the country with 12 selected. Virginia was pleased to have Zac Canody, PE, as a part of the inaugural group. Zac is an engineer with CH2MHill in Williamsburg. He was able to be a part of the annual meeting and the Board members were happy to have him with us representing Virginia and young professionals.

All in all, the meeting was an overwhelming success. The APELSCIDLA staff worked very hard with the NCEES staff, and is to be commended for a job very well done. Virginia will host the 2018 Southern Zone Interim meeting in April 2018. The site has not yet been selected for the meeting.

- Wiley V. (Bif) Johnson, PE



L to R: Chuck Dunlap, LS; Carrie Langelotti, PE; Doyle Allen, LS; Kate Nosbisch, Executive Director; Chris Stone, PE; Bif Johnson, PE; Mike Zmuda, LS.



Revised Guidance Document Regarding the Use of Topographic Surveys, Orthographic Maps or other Geospatial Data in Virginia

To: Regulants & Other Members of the Public

From: Virginia Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers, and Landscape Architects (APELSCIDLA Board)

Date: June 30, 2011 (*Revised September 15, 2015*)

Re: *Requirements for the Use of Topographic Surveys, Orthographic Maps or other Geospatial Data in Virginia*

Purpose

The purpose of this document is to clarify 18VAC10-20-382.B.11 of the Board's regulations, performance standards for conducting topographic surveys, and the use of these maps and other geospatial data.

Statement Requirement for Surveys

Currently, Board regulations require that a certification statement be included with all topographic surveys:

18VAC10-20-382.B.11

"A statement, in the following form, shall be shown on or contained in plats, maps, or digital geospatial data including metadata:

This _____ (provide description of the project) was completed under the direct and responsible charge of, _____ (Name of Surveyor or Surveyor Photogrammetrist) from an actual ☐ Ground or ☐ Airborne (check the one that is applicable) survey made under my supervision; that the imagery and/or original data was obtained on _____ (Date); and that this plat, map, or digital geospatial data including metadata meets minimum accuracy standards unless otherwise noted."

The statement indicates that the "Name of Surveyor or Surveyor Photogrammetrist" is required. The individuals authorized to perform topographic surveys are land surveyors and surveyor photogrammetrists licensed pursuant to 54.1-400 (et seq.) of the *Code of Virginia*. However, licensed architects and professional engineers are also authorized by Virginia statute to perform topographic surveys provided the survey is incidental to the architectural or engineering project, respectively:

§ 54.1-401. Exemptions.

"The following shall be exempted from the provisions [surveyor license] of this chapter:

1. Practice of professional engineering and land surveying by a licensed architect when such practice is incidental to what may be properly considered an architectural undertaking.
2. Practice of architecture and land surveying by a licensed professional engineer when such practice is incidental to an engineering project."

It is the intent of the Board's regulations that the statement required by 18VAC10-20-382.B.11 of the Board's regulations be signed by whichever professional completed the survey- surveyor, surveyor photogrammetrist, architect, or professional engineer.

Survey Performance Standard

Board regulations also require that any licensed professional, authorized to perform a survey, must perform the survey to the standards contained in 18VAC10-20-382 of the Board's regulations:

18VAC10-20-730.C

"The professional shall adhere to the minimum standards and requirements pertaining to the practice of his own profession, as well as other professions if incidental work is performed."

When a licensed surveyor or surveyor photogrammetrist performs a topographic survey, or if an architect or professional engineer performs a topographic survey incidental to an architectural or engineering project, respectively, he must seal, sign, and date the survey per Board regulations:

18VAC10-20-382.A

"The minimum standards and procedures set forth in this section are to be used for topographic surveys performed in the Commonwealth of Virginia pursuant to Chapter 4 (§ 54.1-400 et seq.) of Title 54.1 of the Code of Virginia. The application of the professional's seal, signature and date as required by these regulations shall be evidence that the topographic survey is correct to the best of the professional's knowledge and belief, and complies with the minimum standards and procedures."

Board regulations also require a seal, signature, and date even in situations where a license is not required:

18VAC10-20-760.B.4

"The seal of each professional responsible for each profession shall be used and shall be on each document that was prepared under the professional's direction and for which that professional is responsible. If one of the exemptions found in § 54.1-402 of the Code of Virginia is applicable, a professional licensed or certified by this board shall nevertheless apply his seal to the exempt work."

Use of Unregulated Topographic Surveys

The *Code of Virginia* requires that a topographic survey be performed by a professional who is duly licensed by the Board. Topographic surveys used in the design, modification, construction of improvements to real property, or for flood plain determination must be sealed, signed, and dated by the licensed professional who performed the survey or directly supervised the person who performed the survey. A topographic survey that is not sealed, signed, and dated by a professional must only be used for general information pursuant to Virginia statute:

§ 54.1-402.C Further exemptions from license requirements for architects, professional engineers, and land surveyors.

(third paragraph) "Any person not licensed pursuant to subsection B of § 54.1-404 or 54.1-406 preparing documentation pursuant to subsection C of § 54.1-402 shall note the following on such documentation: "Any determination of topography or contours, or any depiction of physical improvements, property lines or boundaries is for general information only and shall not be used for the design, modification, or construction of improvements to real property or for flood plain determination."

Use of Unregulated Geospatial Data

In 2012, a state-wide orthographic database for general use by the public was created.

Since that time, it has come to the attention of the APELSCIDLA Board that these maps may have been used, or may currently be being used, for professional design services, including, but not necessarily limited to, design of improvements to real property, flood plain determination for the determination of flood zone limits, downstream flood inundation zones below regulated dams and the design of public roads. That noted, pursuant to §54.1-402.C, all regulants are advised that these maps do not approach the level of accuracy for use in providing design services; therefore, design professionals are cautioned that the use of this public data may be deemed a violation, as this data does not meet the minimum standards of accuracy required for use by design professionals and may be injurious to the health, safety and welfare of the public.

Summary (Guidance Document cont.)

The excerpts from Virginia statutes and Board regulations are provided above for your convenience to help you locate the text from the administrative and positive law that establishes the Board's authority. To conclude the information above, the following summaries of this document are provided:

1. Although the Board's regulations indicate that the survey statement requires the "Name of Surveyor or Surveyor Photogrammetrist", the architect or engineer who performed the survey, or directly supervised the individual who performed the survey, must place his name on the statement required by the regulations.
2. Surveys must be performed to the standards established in the Board's regulations whether the survey is performed by a licensed surveyor, surveyor photogrammetrist, architect, or professional engineer as indicated in this document. All surveys, regardless of whether exempt from statutory licensure requirements, must be sealed, signed, and dated by the professional who performed the survey or directly supervised the individual who performed the survey.
3. Any professional licensed by the Board, who utilizes a topographic survey to perform professional work, must ensure that the survey is sealed, signed, and dated properly as indicated above.
4. USGS quad sheets and GIS data, unregulated orthographic surveys, or other unregulated topographic surveys prepared pursuant to §54.1-402.C of the *Code of Virginia*, may be used for general information and need not be signed and sealed. The use of unsigned information must include a statement clearly depicting the use of those documents and their origin.



From CIDQ: U.S. Census Bureau Shows Credentialed Professionals Earn Higher Incomes

A recently released U.S. Census Bureau report shows that professional certification provides a path to higher earnings. According to the Bureau's first-ever study of this kind, individuals who have obtained a professional certification, such as the NCIDQ Certification, apart from a postsecondary degree awarded by colleges and universities, earn 21.38% higher pay than those with only an educational certificate and 33.9% more than those people without any alternative credential or educational certificate. "This empirical data provides more support for what we have seen regarding the important role the NCIDQ Certification plays in differentiating the most competent and qualified interior designers from their non-certified counterparts," says Dr. Carol Williams-Nickelson, executive director for the Council for Interior Design Qualification, Inc. (CIDQ) which oversees the development and administration of the NCIDQ Examination. "Our mission of protecting the public by identifying and then testing an appropriately educated and experienced interior designer's competencies in health, safety and public welfare is at the forefront in all of our test development and certification activities. There are strong, longstanding trends suggesting that people who hire interior designers seek out those who are NCIDQ Certified and are willing to pay more for that quality assurance."

There are countless other benefits to the NCIDQ Certification. "Interior Designers spend many years earning their degrees, engaging in intensive supervised experience, and preparing for the rigorous three-part NCIDQ Examination, which tests their knowledge in design fundamentals, professional practice, and a wide range of competencies in code-based practices" adds Victoria Horobin, ARIDO, IDC, NCIDQ, president of CIDQ and the NCIDQ Examination Board of Directors. "Passing the NCIDQ Examination is a monumental accomplishment. For the interior designer, it confirms that she or he has what it takes to deliver high quality services and identifies them as a practitioner who has the competencies to create interior spaces that are not only aesthetically pleasing, but also functional and safe, therefore protecting public health, safety and welfare."

The NCIDQ Certification is not only a source of pride, recognition and competency. Now, thanks to the results of the U.S. Census Bureau's study, there is a growing body of evidence lending support for what we have seen over the past forty-years since the NCIDQ Examination has existed. That is, as a whole, interior designers who hold the NCIDQ Certification have set their careers on a course that can result in earning more money.

www.ncidqexam.org



NCARB's 2015 NCARB by the Numbers Report

The National Council of Architectural Registration Boards (NCARB) today released the 2015 edition of *NCARB by the Numbers*, a yearly report about the path to licensure. The redesigned publication is available for free download at www.ncarb.org/NBTN. The latest NCARB data reveals a number of positive trends relating to both the future of the architectural community and NCARB's regulatory and licensing efforts.

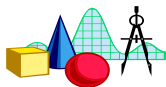
"The architect profession is healthy and growing," said NCARB CEO Michael Armstrong. "The report's findings also help validate the efforts of NCARB and its licensing board members to open doors of opportunity for qualified people in the architecture profession without sacrificing the rigor needed to ensure public health, safety, and welfare."

The report's findings indicate progress in several key areas:

- A record high of 37,178 aspiring architects either reporting hours through the Intern Development Program (IDP) or testing for the Architect Registration Examination® (ARE®).
- 107,581 licensed architects reported by the 54 U.S. licensing boards, a three percent increase since 2011.
- The average age of an architect upon initial licensure fell to 33.3 in 2014, shaving off 2.7 years since 2008.
- Racial and ethnic minorities made up 41 percent of the aspiring architect talent pool in 2014, compared to 22 percent in 2007.
- Women made up 38 percent of aspiring architects who completed the IDP in 2014, compared to 25 percent in 2000. Women also accounted for 35 percent of candidates who completed the ARE last year, a percentage that has nearly doubled since 2000.

Program changes, as well as NCARB's renewed focus on providing guidance and clear communications to emerging professionals, have played a big part in improved performance metrics, said NCARB 2014-15 President Dale McKinney, FAIA, NCARB. "NCARB's 2014 data finds that the growing number of female aspiring architects, combined with those from racial and ethnic minority groups, indicates the future architect workforce should be more diverse."

The 2015 *NCARB by the Numbers* also presents the data in a new format, breaking the information out into topical sections and providing a dashboard of comparative statistics for each of the 54 U.S. jurisdictions that make up NCARB's membership. "These modifications to the report will make it an even more valuable resource for the architectural community as a whole, allowing for greater transparency into the path to licensure and a more complete picture of the profession," said NCARB CEO Michael Armstrong. www.ncarb.org



Congratulations Zachary Canody

Virginia PE, Zachary Canody, was chosen to participate in the first NCEES Emerging Professionals group. There were over 600 competing nationally for the group, with 12 selected. The Virginia APELSCIDLA Board is proud to have one of our licensees chosen from this competitive pool.

Mr. Canody is a professional engineer with over seven years of experience in the design and construction of water and wastewater infrastructure as well as port and maritime infrastructure. Mr. Canody is a project manager with CH2M in the Hampton Roads, Virginia office and has served as Project Manager and Project Engineer on a wide range of municipal utility projects including wastewater collection, conveyance, treatment, and process modeling; water treatment and distribution; sanitary sewer evaluation study (SSES) programs; wet weather flow management; and use of modeling, simulation, and automation tools. Additionally, he has experience in leading design teams within the Ports & Maritime business group in support of program management activities.

Certification Statement Approved for DEQ Stormwater Management Facilities

At its 9/15/15 APELSCIDLA Board meeting, the following certification statement was approved for use with regards to the DEQ regulation's requirement for a PE to sign and seal stormwater management facilities.

Stormwater Management Facilities Certification

Pursuant to 9VAC25-870-55, I hereby certify that to the best of my knowledge and belief, the stormwater management facilities shown on these record drawings, have been constructed in accordance with the approved plans and specifications.

Name

Signature

Virginia License

Date

"Certify" means to state or declare a professional opinion based on sufficient and appropriate onsite inspections, material tests, as-built survey data, and information provided by other professionals and the contractor, conducted during or after construction.

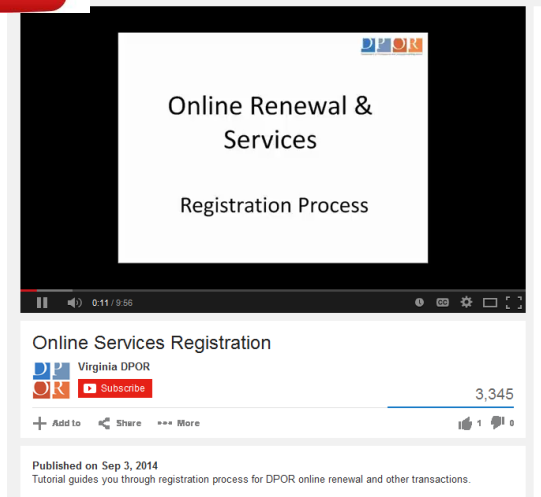
The Board received correspondence from DEQ, stating that the construction record drawing certification language was acceptable, and DEQ will be posting the certification language on its Construction General Permit webpage and will be notifying all local Virginia Stormwater Management Program (VSMP) authorities about its use with regard to Section 55.D (Construction Record Drawings) of the VSMP regulations.

Online Renewal & Services

A **video tutorial** is available to guide you through the registration process for [Online Renewal](#) and other transactions.

Check it out on the [DPOR YouTube channel](#) and set up your profile's User ID and password today! The video gives you step-by-step instructions if you need assistance with online renewals, address and email changes, or password changes. You may also email the help desk at:

renewhelp@dpor.virginia.gov





LANDSCAPE ARCHITECTURE AND PUBLIC WELFARE

A FOUNDATION PAPER BY ERIN RESEARCH FOR THE COUNCIL OF
LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS

Executive Summary

BACKGROUND

In the interest of public health, safety and welfare, the practice of landscape architecture is licensed in 50 U.S. states and three Canadian provinces, requiring the demonstration of competence through a combination of education, experience and rigorous examination.

Despite licensure's emphasis on health and safety, experience suggests that the role landscape architecture plays in advancing "public welfare" is poorly understood—to the detriment of society and the profession. The results of this study provide a practical, new framework for understanding public welfare and how the profession uniquely contributes to its advancement.

These findings have reignited an important conversation on a poorly defined, understood, and appreciated area of the practice of landscape architecture that represents a substantial portion of its body of knowledge and application and differentiates it from other related disciplines.

RESEARCH OBJECTIVE AND METHODS

The primary objective of the research was to develop a holistic, working definition of public welfare and to make explicit the major ways it is impacted by the practice of landscape architecture.

The core research method was a review and analysis of relevant literature and exemplary case studies, supplemented by consultations with an advisory group comprised of professionals, academicians, and industry association leaders.

The findings were synthesized and presented in a foundation paper intended for use by a diverse audience that includes legislators, political decision-makers, practitioners, students, academics, allied professionals, and interested members of the general public.

KEY FINDINGS

The concept of public welfare blends two fundamental ideas: the public realm and welfare or well-being.

"Welfare" has maintained its current sense of "well-being" since Chaucer's time. The idea of a public realm emerged as a third order of society, separate from church and state,

as these institutions gradually ceded their once absolute authority. The concept gathered force during the 16th century and continues to evolve today.

Public welfare rests on the well-being of the natural world.

Public welfare in the context of landscape architecture means the stewardship of natural environments and of human communities in order to enhance social, economic, psychological, cultural and physical functioning, now and in the future.

Landscape architecture impacts public welfare in seven distinct, observable ways.

1. **Enhances environmental sustainability** by responding to development challenges with solutions that involve sensitivity towards natural systems. At the site design level landscape architects integrate sustainability measures into all designs. Their work protects natural systems ensuring that all community members have access to common resources and are involved in active conservation.
2. **Contributes to economic sustainability** by assisting policy makers and others to improve the marketability and long-term value of residential and commercial housing/property. Economic benefits include reduction of crime, smart development and growth, improved air and water quality, efficient energy use, enhanced quality of life and health, and access to culture and recreation.
3. **Promotes public health and well-being** by making connections between human health and well-being and the conditions of the outdoor environment. Landscape architecture projects directly affect the mental and physical health of individuals and communities and provide immediate and lasting therapeutic benefits.
4. **Builds community** by creating attractive, functional places. Landscape architects encourage people to engage in their surroundings, strengthening social cohesion, which results in healthier, more dynamic, more resilient communities at the local, national and global levels.

continued



5. **Encourages landscape awareness and stewardship** by stimulating our awareness of the landscape, and increasing our understanding of the role that humans play in it. Landscape architects encourage citizens to appreciate the landscape and to participate in the processes that shape it. Cultivating a symbiotic and iterative relationship between people and their environment, the practice encourages protection, stewardship and understanding of the landscape.
6. **Offers aesthetic and creative experiences** that artists offer: the opportunity to experience enjoyment, contentment, stimulation or pleasure by participating in the aesthetic experience of landscape. An important part of this dimension is the preservation and protection of significant historic properties, buildings, structures, districts, cultural landscapes, artistic objects and archaeological elements.
7. **Enables communities to function more effectively** by enabling people to function more effectively in their environments. Landscape architects facilitate many critical human activities and functions such as efficient traffic flow, parking, waste collection/recycling, water use/drainage, air quality, optimal use of space.

SIGNIFICANCE OF THE RESEARCH TO THE PROFESSION AND PUBLIC

Initial implications to the profession of landscape architecture may include:

- x A concise, logical, supportable set of themes, messages, and appeals for the profession to better communicate its value to diverse audiences.
- x Contribute to enhanced, more relevant scope of practice at the jurisdictional level and clearer expression of “welfare” concepts in critical standards, such as the “Landscape Architect Registration Examination” (L.A.R.E.).
- x Deepen an important source of inquiry for institutions and creates an opportunity to further connect planning and design concepts to practice in a way that enriches the profession and serves society through better quality of life.

OPPORTUNITIES FOR FURTHER INQUIRY

The study identified three key opportunities for further exploration:

- x Further develop sound, practical methods of measuring the impacts of landscape architecture on public welfare and to integrate them into practice.
- x Identify, develop, and systematically collect additional case studies that illustrate the important impacts of public welfare and deepen understanding of the profession’s impact on it.
- x Conduct interdisciplinary research involving communications and the social sciences with a goal being to develop more effective methods for communicating qualitative, less- tangible impacts associated with the practice of landscape architecture

RESOURCE CORNER

NATIONAL COUNCIL OF
EXAMINERS FOR ENGINEERING AND
SURVEYING
WWW.NCEES.ORG

NATIONAL COUNCIL OF
ARCHITECTURAL REGISTRATION BOARDS
WWW.NCARB.ORG

NATIONAL COUNCIL OF INTERIOR
DESIGN QUALIFICATION
WWW.NCIDQEXAM.ORG

COUNCIL OF LANDSCAPE
ARCHITECTS REGISTRATION BOARDS
WWW.CLARB.ORG

FOLLOW THESE
ORGANIZATIONS ON
FACEBOOK, TWITTER AND
YOUTUBE





Disciplinary Actions

Professional Engineer

FILE NUMBER 2013-02274, Carl E. Duncan

REGULATION VIOLATED— 18VAC10-20-760.B.6

BOARD ACTION— Consent Order imposing \$150 in monetary penalties.

EFFECTIVE DATE— March 19, 2014

FILE NUMBER 2014-01276, Duc Minh Dang

REGULATION VIOLATED— 18VAC10-20-790.A.5 and 18VAC10-20-740.C

BOARD ACTION— Prima Facie Order imposing \$3,500 in monetary penalties; and revocation of license.

EFFECTIVE DATE— March 19, 2014

FILE NUMBER 2014-03251, Raymond Pate

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$400 in monetary penalties; \$150 in board costs; for a total monetary penalty of \$550.

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2014-00477, Johnny D. Kincer

REGULATION VIOLATED— 18VAC10-20-730.A and 18VAC10-20-730.C

BOARD ACTION— Consent Order imposing \$5,000 in fines; \$150 in board costs; for a total monetary penalty of \$5,150. monetary penalties will be waived if licensee no longer engages in the practice of boundary surveys; and submits a revised play signed by a licensed LS and properly recorded within 6 months .

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2013-03518, Stephen Maslan

REGULATION VIOLATED— 18VAC10-20-750.B and 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$400 in fines; \$150 in board costs; for a total monetary penalty of \$550.

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2014-01292, Scott B. Clark

REGULATION VIOLATED— 18VAC10-20-790.A.5

BOARD ACTION— Consent Order with no monetary penalty; license voluntarily surrendered.

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2014-01545, Herbert W. Sullivan

REGULATION VIOLATED— 18VAC10-20-790.A.5

BOARD ACTION— Consent Order with no monetary penalty; license voluntarily surrendered.

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2014-01547, John M. Wall, Jr.

REGULATION VIOLATED— 18VAC10-20-790.A.5

BOARD ACTION— Consent Order with no monetary penalty; license voluntarily surrendered.

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2014-02924, Johnathan C. Powell

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$300 in monetary penalties.

EFFECTIVE DATE— December 10, 2014

FILE NUMBER 2015-00789, Robert V. Nangia

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$250 in monetary penalties.

EFFECTIVE DATE— March 17, 2015

FILE NUMBER 2015-00780, Arwin D. Priest

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$350 in monetary penalties.

EFFECTIVE DATE— March 17, 2015

FILE NUMBER 2015-01912, Daniel McNulty

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$250 in monetary penalties.

EFFECTIVE DATE— June 15, 2015



Disciplinary Actions cont.

Professional Engineer

FILE NUMBER 2015-00826, Stephen C. Hoffman

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$750 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

FILE NUMBER 2015-01381, Everett A. Horton

REGULATION VIOLATED— 18VAC10-20-750.C (6 counts)

BOARD ACTION— Consent Order imposing \$1,800 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

FILE NUMBER 2015-01389, Marshall T. Ferrell

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$250 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

FILE NUMBER 2015-01392, Brooke T. Carpenter

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$250 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

FILE NUMBER 2015-01427, Kevin R. Alford

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$250 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

FILE NUMBER 2015-02942, Michael J. Smith

REGULATION VIOLATED— 18VAC10-20-750.B

BOARD ACTION— Consent Order imposing \$150 in monetary penalties.

EFFECTIVE DATE— September 15, 2015

Architect

FILE NUMBER 2014-01626, Kelly S. Chang

REGULATION VIOLATED— 18VAC10-20-790.A.5

BOARD ACTION— Consent Order with no monetary penalty; license voluntarily surrendered.

EFFECTIVE DATE— August 13, 2014

FILE NUMBER 2015-01895, Dennis L. Batty

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$250 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

FILE NUMBER 2015-02941, Michael P. Haynes

REGULATION VIOLATED— 18VAC10-20-750.B & 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$150 in monetary penalties.

EFFECTIVE DATE— September 15, 2015

Land Surveyor

FILE NUMBER 2014-02199, George L. Nyfeler, III

REGULATION VIOLATED— 18VAC10-20-370.D.2.b

BOARD ACTION— Final Opinion and Order imposing \$100 in fines; four hours of continuing education pertaining to boundary surveys within six months of the Order.

EFFECTIVE DATE— December 10, 2014

FILE NUMBER 2015-01425, Rodney A. Hall

REGULATION VIOLATED— 18VAC10-20-750.C

BOARD ACTION— Consent Order imposing \$300 in monetary penalties.

EFFECTIVE DATE— June 15, 2015

2015—2016 Calendar of Meetings

2015

Nov 18 PE & Land Surveyor Meeting
Dec 17 APELSCIDLA Board Meeting
Interior Designers Section Meeting
Landscape Architect Section Meeting

May 12 PE & Land Surveyor Meeting
Jun 9 APELSCIDLA Board Meeting
Interior Designers Section Meeting
Landscape Architect Section Meeting
Architect Section Meeting

2016

Feb 10 PE & Land Surveyor Meeting
Mar 15 APELSCIDLA Board Meeting
Interior Designers Section Meeting
Landscape Architect Section Meeting
Architect Section Meeting

Aug 11 PE & Land Surveyor Meeting
Sept 14 APELSCIDLA Board Meeting
Interior Designers Section Meeting
Landscape Architect Section Meeting
Architect Section Meeting

APELSCIDLA Board Members

Architects

Robert A. Boynton*
Corey Clayborne
Christine Snetter

Prof. Engineers

Wiley V. Johnson III
Carolyn B. Langelotti
Christopher . Stone

Land Surveyors

Doyle B. Allen
Charles F. Dunlap
Mike Zmuda

Landscape Architects

Cabell Crowther**
Andrew M. Scherzer

Interior Designers

Cameron Stiles
Sheila E. Wilson

* Chair ** Vice-Chair

Board Staff

Kathleen R. (Kate) Nosbisch—Executive Director
Marian Brooks—Board Administrator
Tonia Harrison—Board Administrator
Amy Goobic—Administrative Assistant &
Newsletter Editor

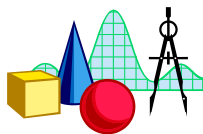
Regina Jones—Licensing Specialist
Anthony Sharpenstein—Licensing Specialist
Jennifer Wynn—Licensing Specialist



All Regulators



Architects



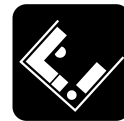
Professional Engineers



Land Surveyors



Landscape Architects



Interior Designers