

# 1920-2020

Virginia Board for Architects, Professional Engineers, Land Surveyors,  
Certified Interior Designers and Landscape Architects







The Virginia Board for Architects, Professional Engineers,  
Land Surveyors, Certified Interior Designers and  
Landscape Architects



Celebrating 100 years of protecting the health,  
safety, and welfare of the public.

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The Virginia Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers and Landscape Architects embarks on its second century with an impressive record of public service.

Since 1920, leaders in their fields have donated generously of their time and talents as Board members, epitomizing the very best of professional regulation. The mission remains the same today as it was 100 years ago: to protect the public's health, safety, and welfare.

In commemorating the Board's centennial milestone, the agency recommits itself to working together to fulfill that duty with the same dedication as it has in the past.

**Mary Broz-Vaughan**

Director

Department of Professional and Occupational Regulation

The Board would not be able to accomplish its work and mission without the dedicated professionals who have served as board members over the past century. The board members' commitment and dedication are second to none. It has been an honor and privilege to serve as the Board's executive director for the past dozen years and work side by side with board members to make continuous improvements to various aspects of regulations, and licensure and certification requirements. It is also important to acknowledge the accomplishments of the Virginia architects, engineers, and land surveyors who made such significant contributions in the centuries leading up to the 20th Century before the birth of licensure and certification.

**Kathleen (Kate) Nosbisch**

Executive Director

Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers and Landscape Architects



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*This book is dedicated in memory of Stanley Harris, PE, who diligently served on the APELSCIDLA Board for over 18 years as a board member and then went on to become one of the first PEs to serve on the Professional Engineer Advisory Committee (2013-2019), and in honor of all past and present board members who so generously gave of their time and talent to Board Service over the last century.*





# INTRODUCTION

The Virginia Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers and Landscape Architects (APELSCIDLA) wishes to congratulate and celebrate 100 years of licensure for the Architects, Professional Engineers and Land Surveyors.

These individuals, along with the other professions regulated by the Board, are to be commended for their contributions to the Commonwealth of Virginia. Having multiple professionals serving on the Board has allowed for collaborative, cohesive, and collegiate thought processes whether making a case decision or promulgating regulations.

A special note of gratitude to all those professionals who previously and currently serve as Board Members on the APELSCIDLA Board. These individuals give generously of their time and they are committed to the protection of the health, safety, and welfare of the citizens of our great Commonwealth. Board service includes promulgating regulations, reviewing applications, providing technical support to investigative staff, presiding over informal fact-finding conferences, attending board meetings, serving on committees, conducting presentations, and representing the Board nationally.

The purpose of this book is to showcase some of the great work done by licensed professionals regulated by the Board. The works chosen were a nod to each decade over the past 100 years.

“The importance of the Board in fulfilling its role in protecting the health, safety, and welfare of the public cannot be overstated. These professions have been instrumental in the development of every aspect of society and the improvement of the quality of life for all of mankind. It is a privilege to serve on the Board but also a significant responsibility to uphold the standards of the professions which have been forged over the last 100 years and ensure they carry over to the start of the next 100 years. Congratulations to all members of the professions and to past and present Board members, Executive Directors, staff and volunteers upon achieving this significant milestone.”

– Jim Kelly, Professional Engineer, current board member

# 1700-1800s

## PRE-LICENSURE

### Virginia State Capitol - 1792

The Virginia State Capitol, which Thomas Jefferson designed with Charles-Louis Cl  risseau, was the first Roman Revival building in America and the first American public building in the form of a classic temple.

“It has been my honor and privilege to have been appointed by five governors to serve on the Board for nineteen years. I have seen the Board grow to be an example, throughout the United States, as a board that is professionally administered and completely dedicated to the Health, Safety, and Welfare of the Commonwealth’s citizens. It serves as a leader in serving the public and the Board’s regulants succinctly and efficiently. The next one hundred years will be challenging for the Board; however, the Board is prepared for the challenges and will continue to be a board respected throughout Virginia and the country.”

– Robert A. Boynton, Architect, current board member

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George Washington was named Surveyor General of Virginia in his twenties.

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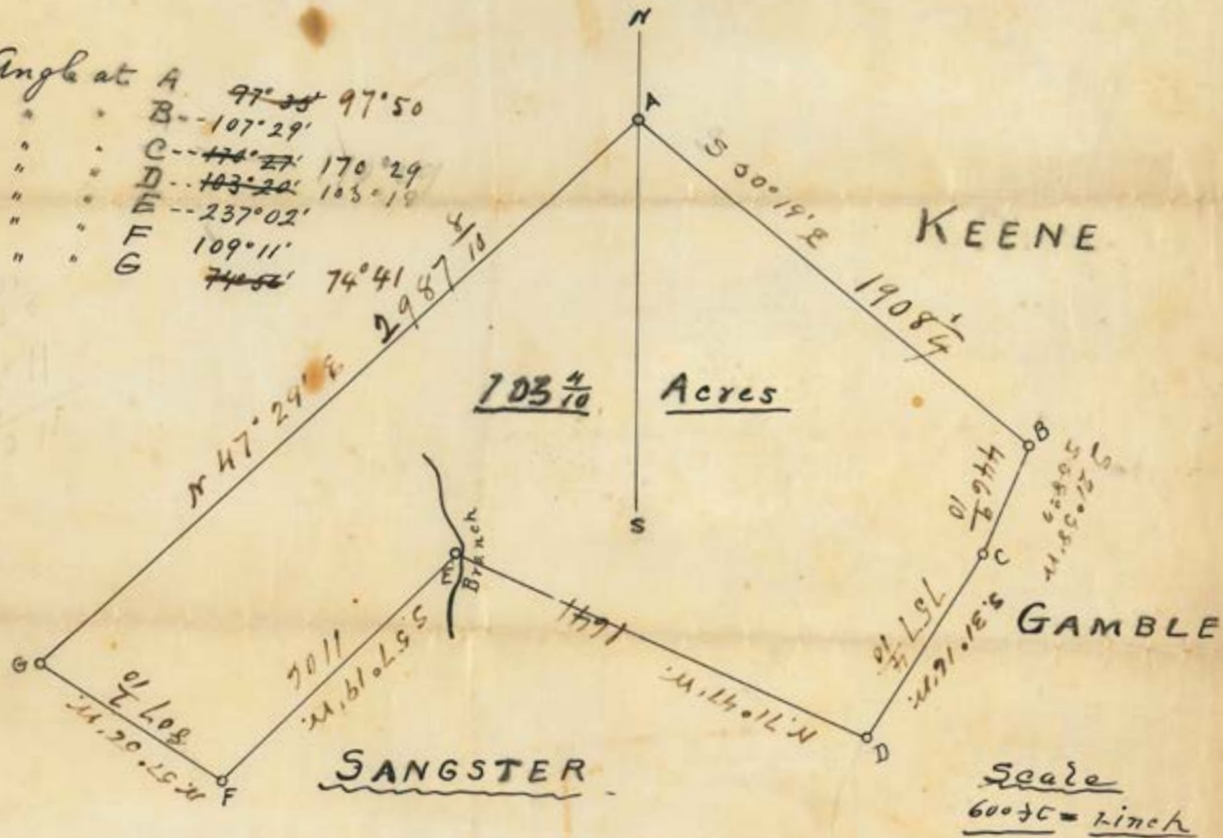
Above: The Capitol underground extension, 2007.

Right: The Capitol, 1865.





Angle at A  $97^{\circ} 30'$   $97^{\circ} 50'$   
 " " B  $107^{\circ} 29'$   
 " " C  $170^{\circ} 29'$   
 " " D  $103^{\circ} 20'$   $103^{\circ} 19'$   
 " " E  $237^{\circ} 02'$   
 " " F  $109^{\circ} 11'$   
 " " G  $74^{\circ} 41'$



Declination of needle  $3^{\circ} 55'$  west  
 Observation of meridian line  
 Fairfield, Ct. H

J. Owens Berry & Co  
 Surveyors  
 Ash Grove

## Land Surveying

“... The APELSCIDLA Board has experienced many changes over its first 100 years: Disciplines, regulations, statutory codes, board members, examination content and administration methods, and technology just to mention a few substantial changes.

For one hundred years, and with all of the changes that the Board has experienced in that timeframe, the main core function that has always remained constant has been the protection of the health, safety, and welfare of the citizens of Virginia.

I am honored to be a member of this distinguished Board and surrounded by fellow professionals, I am humbled by the responsibility bestowed upon the Board administration and its volunteer members to fulfill this vital mission, and I am constantly encouraged that through solid leadership, continued collaboration and open communication, this Board will always serve its regulants and citizens of Virginia in the best ways possible, now and in the future.”

– Michael (Mike) Zmuda, Land Surveyor, current Board Chair

Right: Survey compass made for Henry M. Gunnell, Jr. by Goldsmith Chandlee from Winchester, VA in the mid 1790s.

Left: J. Owens Berry survey plat – circa late 1890s.

*Information and Photos courtesy of Joseph Paciulli, 8th generation Land Surveyor*





## Jefferson's Academical Village University of Virginia - 1822

Thomas Jefferson referred to the university's grounds as the "Academical Village" which is a UNESCO World Heritage Site. The ten pavilions included classrooms and faculty residences; they formed a quadrangle and were connected by colonnades, behind which stood the rows of students' rooms.

"Serving on the APELSCIDLA Board was one of the highlights of my career. Working with others to protect the public and the integrity of the engineering profession was more rewarding than I anticipated. Also seeing many young people enter the profession, especially more young women, was icing on the cake!"

– Carolyn (Carrie) Langelotti, Professional Engineer, former board member



The Rotunda on the Lawn (above) and the surrounding buildings which make up the Academical Village (right). *Photo courtesy of AIA Virginia*

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Thomas Jefferson was appointed to work as the Albemarle County Surveyor in 1773.

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## Newport News Middle Ground Lighthouse - 1891

The Middle Ground Lighthouse was the first “sparkplug” lighthouse built in Virginia. It was automated in 1954 and is still an active light to this day although now it is a private residence.



Bedroom before (above) and after restoration (near left).

Far left: Lighthouse exterior after restoration.

*Photos courtesy of the Gonsoulin and Billingsley Families*



## The Jefferson Hotel – 1895

Lewis Ginter planned the development of the hotel as a premier property in the city of Richmond. Construction began in 1892 and it opened in 1895. A fire gutted the interior in 1901 and after a lengthy restoration, the hotel reopened in 1907.

“I have always considered service on the APELSCIDLA board as my way of giving something back to my profession which has been so rewarding and given so much to me. My goal has always been to leave the Surveying profession better than when I started whether by the work I do each day or my work on the board on behalf of the citizens and the surveyors of this great Commonwealth... I am humbled by the respect shown to me as a board member by my peers and to the great honor of being on the board during this centennial year.”

– Doyle B. Allen, Land Surveyor, current board member



The hotel's Franklin Street entrance (above) and interior restoration (right).

*Photos courtesy of Hayes & Fisk*

“I believe that architecture shapes us - if you love it, you must live it. It is an honor to serve on the APELSCIDA Board that continues to protect the safety of the public. Congratulations on 100 years of service to the public.”

– Christine Snetter, Architect, current board member







Virginia Law for Registration of  
Professional Engineers, Architects and Land Surveyors  
Effective June 19th, 1920

Registration optional; present practitioners are not limited as to time within which to register.

*Administration* – Board of three architects, three engineers, and three land surveyors, appointed by the Governor. In determining qualifications of applicants for certification as architects, majority vote of architect members of board, only, is required; similarly for engineers, and land surveyors.

*Application for Examination* – Made to State Board for Examination and Certification of Architects, Professional Engineers and Land Surveyors, Richmond, Va.

*Professional Requirements* – Law covers all those practicing professionally one or more branches of engineering, architecture, or land surveying, as certified practitioners. Experience without degree; To practice architecture or engineering – not less than four years of practical experience under the direction or supervision of a certified architect or certified engineer, or architect or engineer of equivalent standing; to practice land surveying – not less than two years of practical experience under the direction or supervision of a certified land surveyor, or land surveyor of equivalent professional standing. Educational allowances: Time spent as a student of architecture, engineering, or land surveying in a college or school of recognized standing is considered the equivalent of an equal amount of practical experience. Society membership: No provision.

*General requirements* – Citizenship of United States necessary – or a declaration to become a citizen. Age: At least 21 years. Miscellaneous: Must be of good character. Registration not compulsory. Law merely protects the terms “certified architect”, “certified professional engineer”, and “certified land surveyor”.

*Examinations.* – Required of all applicants except those in practice at the time the law becomes effective and those from other States. Scope and nature: To be prescribed by the Board. Frequency: At least once

each year at Richmond, Va., and at such other places and times as the Board may designate.

*Fees.* – For each examination: \$20.00. For certificate without examination: \$5.00 to residents of six years’ practice of architecture or engineering or two years’ of land surveying at the time the law goes into effect.

*Expirations and Renewals.* – No provisions.

*Significance of Certificate.* – Public work: No provision. Private work: Not necessary to have certificate to carry on work, unless designations “certified professional engineer”, “certified architect” or “certified land surveyor,” are used.

*Seals.* – No provision.

*Exemptions* (See also Reciprocity”). – Present practitioners may be granted certificates without examination, upon payment of fee and upon satisfactory evidence, for architects and engineers, of not less than six years, and for land surveyors, of not less than two years, of professional practice. Engineers are not excluded from the practice of architecture, nor architects from the practice of engineering.

*Reciprocity.* – Non-resident practitioners: Examination may be waived if the applicant is from another State where the qualifications prescribed are equal to those prescribed in Virginia, provided a like privilege is granted to applicants from Virginia in that State.

*Revocation of Certificates.* – Certificates may be revoked for cause only after a hearing at which the accused has the right to be represented by counsel, to introduce evidence, and to examine and cross-examine witnesses.

*Penalties.* – After six months from the date the Act becomes effective, the use by any person of the title of “certified professional engineer”, “certified architect,” or “certified land surveyor” without compliance with the provisions of the Act shall be deemed a misdemeanor, and such person shall be punishable by a fine of not more than \$100.

*Legislative Information.* – Chapter 328 (S. B. 226), approved March 19th, 1920.

## BEGINNING OF LICENSURE

### Enabling Statute - June 1920

The enabling statute became effective on June 19, 1920. It defined the composition of the APELS Board.

If you were currently practicing in the professions at the time the statute was enacted, you were not subject to taking the exam; you could pay the fee and become certified.

You had to be at least 21 years of age and have experience under a certified professional in order to take the exam, for which there was a fee of \$20.00. The fee to register for a certificate was \$5.00.

Reciprocity waived the requirement for applicants from another state from being required to sit for the exam if the qualifications in that state were equal to those required in Virginia and the other state extended the same privilege to Virginia professionals.

Left: Original Enabling Statute

### Initial Board Minutes, Members and Charges - September 1920

The first meeting of the “State Board for the Examination and Certification of Architects, Professional Engineers & Land Surveyors” was held September 9, 1920, in the office of Governor Davis.

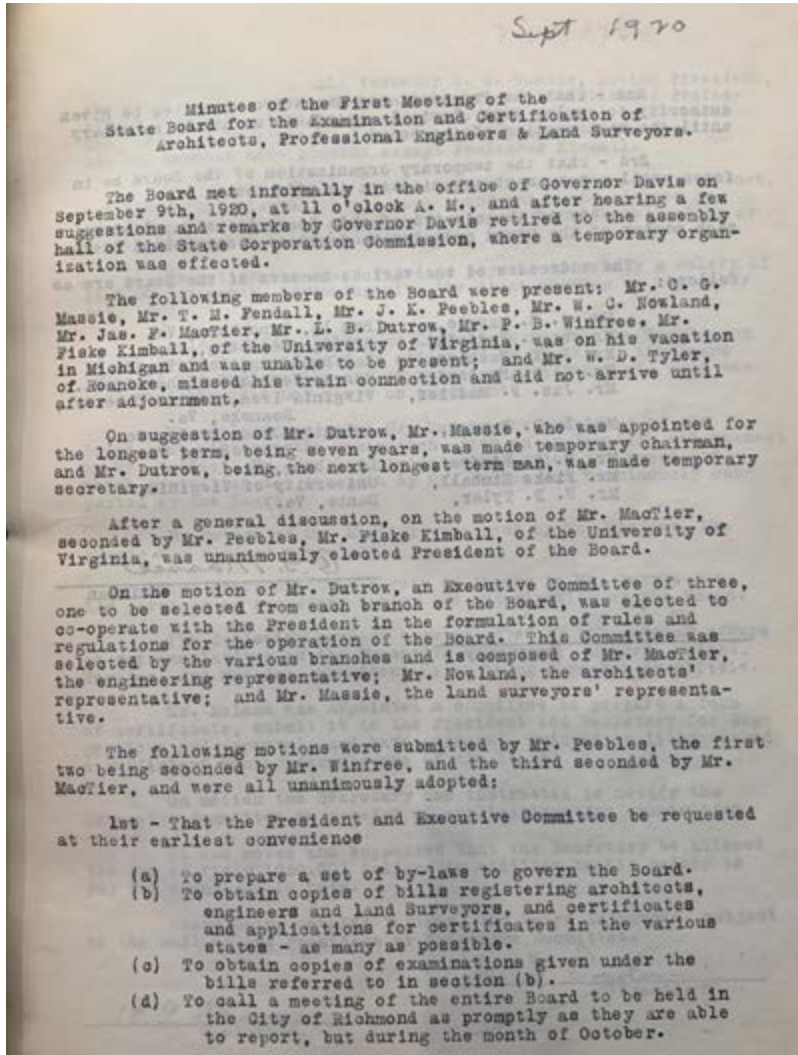
At this meeting, Mr. Kimball was unanimously elected President of the Board and “an executive committee of three, one from each branch of the board was elected to cooperate with the president in the formulation of rules and regulations for the operation of the Board...Mr. MacTier was the engineering representative; Mr. Noland, the architects’ representative, and Mr. Massie, the land surveyors’ representative.”

The Board remained independent until 1948 at which time the Department of Professional and Occupational Registration (DPO) was formed and provided administrative support to more than 10 boards and commissions. The name of the agency changed a few more times over the years to its current name, the Department of Professional and Occupational Regulation (DPOR) in 1993.

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John Anderson Lankford became the first African American to be licensed to practice architecture in Virginia in 1922.

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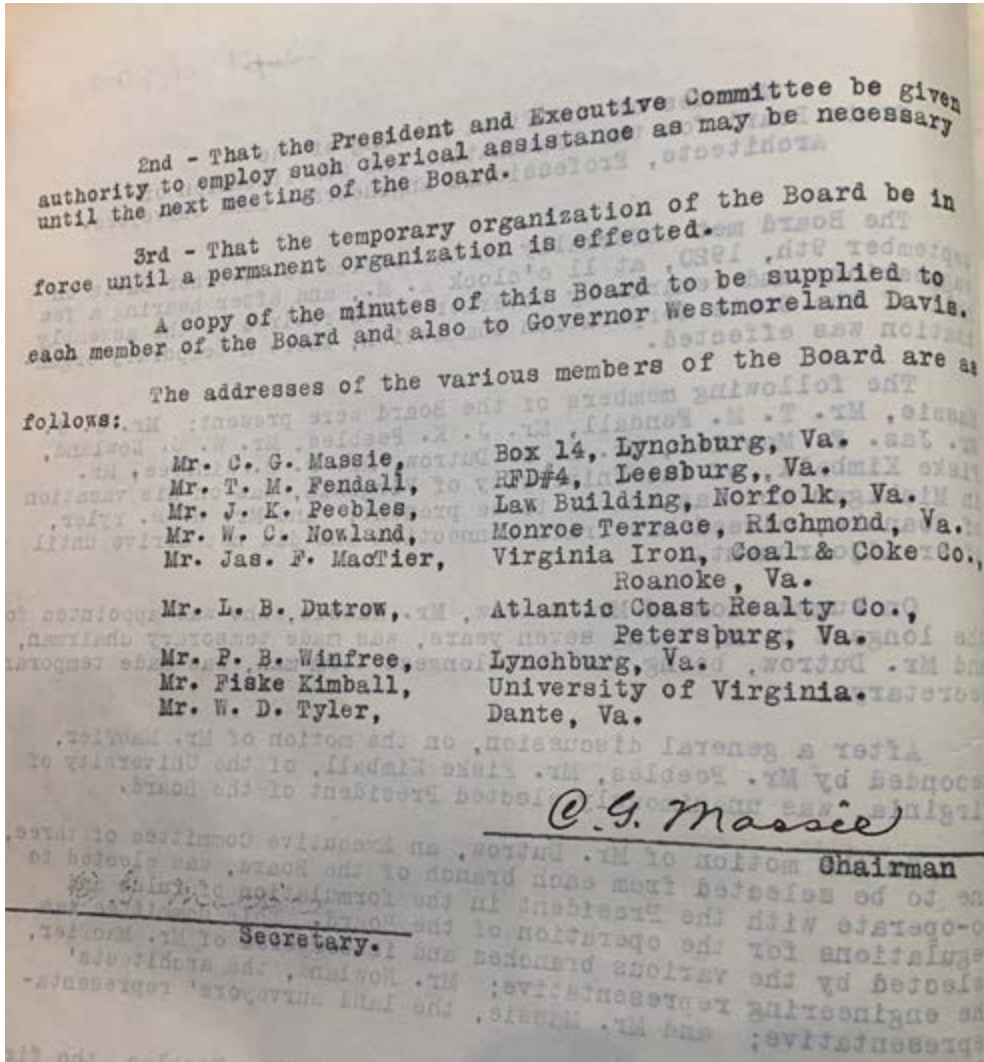
## Minutes of the First Meeting

The Board met informally in the office of Governor Davis on September 9th, 1920.

## Charges from the Minutes

- A. Prepare a set of bylaws to govern the Board.
- B. Obtain copies of the bills registering architects, engineers and land surveyors - as many as possible.
- C. Obtain copies of the examination given under the bills referred to in section (b).
- D. Call a meeting of the entire Board to be held in the City of Richmond as promptly as they are able to report, but during the month of October.





## Board Members initially appointed to the Board:

Three architects:

William C. Noland

Fiske Kimball

John Kevan Peebles

Three land surveyors:

C.G. Massie

L. B. Dutrow

Thomas M. Fendall

Three professional engineers:

W.D. Tyler

Peyton B. Winfree

James F. MacTier

Left: Photos of the original Minutes







# 1920s

## SNAPSHOTS OF A CENTURY

### The Byrd Theatre - 1928

The Theatre, located in the Carytown section of Richmond, was built in 1928 for \$900,000. It is named after William Byrd, one of the founding fathers of Richmond. It seats 1,200 people and was designated as a state landmark in 1978, and 1979 became listed in the National Register of Historic Places. The Theatre is home to the Wurlitzer Organ which occupies four rooms above the stage. The organ is intact as it was built, except for a few minor repairs. The Theatre is open 365 days a year.

“Congratulations to the APELSCIDLA Board for reaching such a major milestone; the Centennial Anniversary. Some of my favorite memories are the times I spent with colleagues during board meetings, retreats, and NCEES events. Our work touches every aspect of life and we make a profound impact on our world. I am honored to be among the professions represented on the Board.”

– Bif Johnson, Professional Engineer, former board member



Theatre interior (left) and concession stand (above).

*Photos courtesy of Bill Dickinson*

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Mary Ramsay Brown Channel became the first woman licensed as an architect in Virginia.

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# 1930s

## Skyline Drive - 1933

The construction of Skyline Drive started in 1931 as a drought relief project under Herbert Hoover. In 1933, the Civilian Conservation Corps began working on the project. The Center section was opened in 1934; the North section in 1936; and the South section in 1939. The road is 105 miles long, running north to south with 75 overlooks throughout the Shenandoah National Park. The highway connects at Rockfish Gap to the Blue Ridge Parkway.

*Information courtesy of Kandace Muller, Museum Specialist, Shenandoah National Park*

**Left: Skyline Drive**

**Top right: Skyline Drive under construction.** *Photo courtesy of Shenandoah National Park*



## Burruss Hall - 1936

Virginia Tech's administration building, Burruss Hall, consists of the original building, completed in 1936; a west wing and rear addition, built in 1968; and an east wing, added in 1970. Commencement ceremonies were held in the building's 3,003-seat auditorium for years, beginning in 1936. An electronic carillon was installed in 1958. The facility was originally known as the Teaching and Administration Building.

**Right: Burruss Hall at Virginia Tech**

*Photo by Jim Stroup courtesy of AIA Virginia*







## The Pentagon - 1943

The Pentagon is the world's largest office building, with about 6,500,000 square feet of space, of which 3,700,000 square feet are used as offices. Some 23,000 military and civilian employees, and another 3,000 non-defense support personnel, work in the Pentagon. It has five sides, five floors above ground, two basement levels, and five ring corridors per floor with a total of 17.5 miles of corridors.

“Serving on the Board and collaborating with like-minded professionals and the dedicated DPOR staff is the most unique, and humbling professional experience. Writing, interpreting and applying the regulations affects thousands of professionals and helps protect the citizens of the Commonwealth. It’s a position that cannot be taken lightly or in self-pursuits; it’s from the heart we serve.”

– Nancy McIntyre, Land Surveyor, former board member

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William C. Noland became the first Licensed Architect .

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The Pentagon under construction.

“It is interesting to reflect on the fact that we have hit the century mark for licensure of architects (as well as the allied design professions). Much has changed since 1920. However, the need for society to define what it means to be an architect is as relevant today as it was 100 years ago.”

– James R. Boyd, Architect, former board member





## Hampton Roads Bridge Tunnel - 1957

The Hampton Roads Bridge-Tunnel (HRBT) opened on November 1, 1957. The HRBT is 3.5 miles long and connects the Peninsula cities of Hampton and Newport News to Norfolk and Virginia Beach. This structure is comprised of bridge trestles, man-made islands, and tunnels under the main shipping channels for Hampton Roads harbors. The HRBT tunnel is known for as the world's first underwater tunnel connected to man-made islands. During the tourist season, 100,000 vehicles use the tunnel daily.

“Serving on the Board was a very eye opening and educational experience. It gave me a whole new respect for the professions the Board regulates and oversees.”

– John McAden, Land Surveyor, former board member

“Serving on the APELSCIDLA Board is an honor and also a humbling experience, as one's judgment will likely affect a fellow architect's career, business, (and) perhaps even personal life. In addition, board members are also responsible for the regulations that enhance our profession and protect the welfare of each of us. It was truly my pleasure to serve the board.”

– Clint Good, Architect, former board member



Hampton Roads Bridge Tunnel under construction (above) and finished (left).

*Photos courtesy of VDOT*





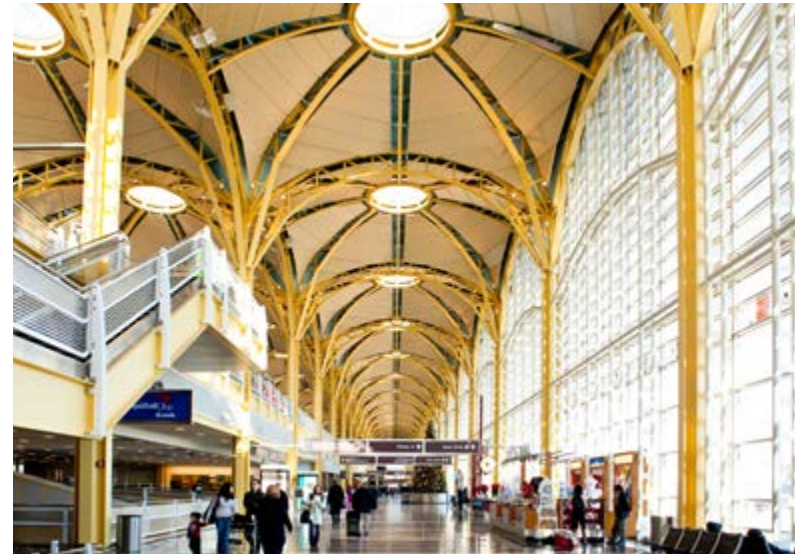
# 1960s

## Washington Dulles International Airport - 1962

The airport opened in 1962, it is named after John Foster Dulles (1888–1959), the 52nd Secretary of State who served under President Dwight D. Eisenhower. The Dulles main terminal is a well-known landmark. The airport occupies 13,000 acres straddling the Loudoun–Fairfax line.

“...During my 10-year tenure on the Board, I was fortunate to have served at the pleasure of four governors...(One of the Board’s) ... most significant accomplishment(s) (at that time) was the creation of volunteer training seminars for surveyors... conducted throughout the Commonwealth ... These seminars were the forerunner to the implementation of mandatory continuing education. It has been somewhat satisfying to... (know) that I ... provided ... service to the citizens of the Commonwealth during my tenure.”

– Wilmer (Bill) F. Sirine, Land Surveyor, former board member



Washington Dulles International Airport interior (above) and exterior (left).

*Photos courtesy of Metropolitan Washington Airports Authority*

“I am proud to be a member of the Board that strives to help build a better world by challenging ourselves to embrace new perspectives and enrich the lives of Virginians.”

– Vinay Nair, Professional Engineer, current board member





## Smith Mountain Dam - 1963

Smith Mountain Dam is 245 feet tall, 30 feet thick at the base, and 816 feet from one end to the other. Construction lasted over three years. This Dam is a non-polluting pump-storage facility. The five generator units can produce 605 megawatts of power.

The Dam is located on the Roanoke River and created Smith Mountain Lake which is a big tourist destination. There is a Visitor's Center which overlooks the Dam and explains the history of the Dam, and a picnic area below the Dam.

*Information courtesy of Chris Finley, Smith Mountain Lake Regional Chamber of Commerce.*

“Felicitations to APELSCIDLA for a century of professional licensure – you hold the line on the design professionals that provide the citizens of Virginia with the confidence to live, work, and play safely in the built environment. It is an honor to have been appointed to the Board in 2018 to occupy one of the newly added citizen board member seats.”

– Karen Reynes, Citizen, current board member



*Photos courtesy of Appalachian Power*

“In 50 years of voluntary service during my architectural career, serving on the APELSCIDLA licensing board (just as my father did) at the pleasure of three different governors was the most rewarding experience.”

– J. Everette (Ebo) Fauber, Architect, former board member





## Norfolk Scope Arena - 1971

The arena was built in 1971 and to this day the venue remains the world's largest reinforced thin-shell concrete dome. The venue's concrete monolithic dome and twenty-four flying buttresses make it a popular, eye-catching, and iconic landmark in downtown Norfolk.

"We seem to have overcome all of the fears we had about what the introduction of digital technology into architecture and design would do to how and what we design and how we maintain responsible control over the process. It is now time to refocus on developing our practices as communities of creative and mentoring individuals who can maintain the passion we start out with throughout our careers."

– Kathryn Prigmore, Architect, former board member

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R. M. Armstrong held Professional Engineer license number 0402000001.

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Norfolk Scope Arena and surrounding area. Photos courtesy of Mike Pennello

"Congratulations to the Board's significant anniversary. As a Board member from 1997-2004, I have a special appreciation for the good work of the Board members, but especially of the good work of the Board administrative staff. I count my Board member experience as a highlight of my engineering career...Looking forward to the next 100!"

– Ron Helton, Professional Engineer, former board member







# 1980s

## Varina-Enon Bridge - 1989

May 16, 1989, news release from the Virginia Department of Transportation stated in part, "...the bridge has captured the interest of engineers and highway departments across the United States and throughout the world, and is expected to serve as a prototype for other bridges. Engineers from 17 countries including Japan and the Soviet Union have visited the construction site. The bridge features a double fan of cable stays that give it a distinctive appearance...In design terms, the bridge is a 'cable-stayed bridge'. In terms of construction, it is a 'concrete segmental bridge.'"

The Bridge is between Chesterfield and Henrico Counties, is 4,680 feet long, and features the first use of precast delta frame construction.

*Figg and Muller Engineers, Inc. fact sheet courtesy of Nico DeLeon, PE, former board member*

"The certification and later licensure of Landscape Architects in Virginia recognized the important role this profession plays in the resilience of our state. The APELSCIDLA Board composition of the five primary design professions has become a model across the nation. Congratulations!"

– Lucille (LuGay) Lanier, Landscape Architect, former board member

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The APELS Board added Landscape Architects in 1980. The first certified landscape architect was Barry Starke who subsequently became a board member.

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**Varina-Enon Bridge under construction.** *Left and top photos courtesy of VDOT. Bottom photo courtesy of Nico DeLeon.*





# 1990s

## Ronald Reagan National Airport - 1997

The original 1941 terminal, now called Terminal A, was augmented in the late 1990s by the additions of Terminals B and C. Terminal A today exists in the form of the historic lobby and gates 1-9, the "Banjo" owing to the rotunda around which the gates are clustered that is connected to the ticketing area via a long hallway.

“Many Interior Designers worked for more than twenty-five years toward achieving our 1990 Certification...I was fortunate to become the first Virginia Certified Interior Designer and to be appointed to serve on the first Interior Design Section of the Board... With the support of staff and the other Board members we were able to accomplish... (the necessary) start-up tasks and join our fellow board designers dedicated to maintaining professional standards for the Health, Safety & Welfare of the public. I am...honored to have been... Certificate #000001 and am pleased to see so many Interior Designers obtain Certification as a part of their professional development.”

– Barbara G. Goodwin, Certified Interior Designer, former board member



Airport interior (left) and expansion (above).

*Photos courtesy of Metropolitan Washington Airports Authority*

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The APELSLA Board added Certified Interior Designers in 1990. The first interior designer certified was Barbara Goodwin who also served on the Board.

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## Lewis Ginter Botanical Gardens Conservatory - 2003

The Garden Conservatory is the jewel among the buildings and gardens at the Lewis Ginter Botanical Gardens. The steel and glass building is comprised of a center block with an entry portico and a 62-foot-high glass dome and two glazed wings. The exhibition area of approximately 7,800 square feet is divided into three climate zones.

“The APELSCIDLA Board is responsible for oversight of the professions involved in designing the built environment, from the land to the structure to the exterior and finally the interiors of the spaces where we live, work, learn and heal... As in our daily careers, membership on the board is very much a team effort. I was honored to serve the state in this capacity, and always cognizant that decisions I made could impact the career of someone else, but more importantly, assuring that regulated companies were working to the very highest standards to protect their clients.”

– Pat Stockdon, Certified Interior Designer, former board member

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Anthony Paul Lulloff became the first licensed Land Surveyor Photogrammetrist on February 18, 2009.

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Left: Gardens Conservatory. Photo by Don Williamson courtesy of AIA Virginia

Above: Rose garden looking towards the children's garden. Photo courtesy of Paris Ashton

“APELSCIDLA Board service is an eye-opener to the unsung hard work and vigilance necessary to make the “trains run on time” with respect to licensure in the Commonwealth. The attention needed to keep all of the professions up to date in a changing technological and regulatory world is staggering. The APELSCIDLA Board is a great opportunity to help lift up and challenge the regulants in Virginia and it is an honor and privilege to help ensure the health, safety, and welfare of the Commonwealth.”

– Andy Scherzer, Landscape Architect, former board member





## Moss Arts Center - 2013

The Center for the Arts at Virginia Tech and the Institute for Creativity, Arts, and Technology are headquartered in the Moss Arts Center. The 150,000 square-foot facility includes a 1,260-seat performance hall, visual art galleries, amphitheater, four-story experimental Cube, and multiple studios. The center also offers a multimedia studio, production control room, newsroom, and associated classroom in support of the Department of Communication.

“My time on the Board was productive to me in a number of ways. It was a nice communication venue among others within the Professional Design Community. It was great education in the limits of professional practice and interaction between design professionals. It strengthened design professionals’ understanding of the potential of collaboration within the design community and with the public sector itself. For the most part, it was about community.”

– Ralph Higgins, Landscape Architect, former board member



Left: Center exterior. *Photo courtesy of Snohetta*

Above: Moss Arts Center interior. *Photo courtesy of Virginia Tech*

“My fondest memories of my time serving on the APELSCIDLA Board were the interactions with my fellow members of the Architect’s section, and having the opportunity to work with and learn from the members of the other professions on the Board.”

– John (Jack) Seth Clark, Jr., Architect, former board member





NASHVILLE PLACE OF COUNTRY MUSIC MUSEUM

## Birthplace of Country Music Museum - 2014

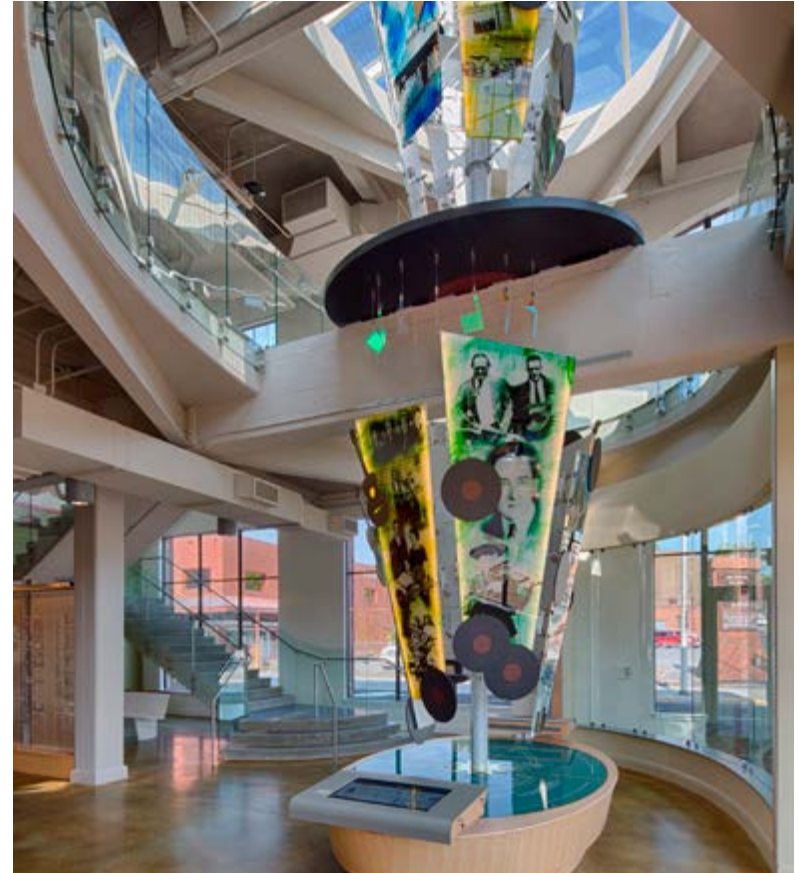
The Birthplace of Country Music Museum, an affiliate of the Smithsonian Institution, tells the story of the 1927 Bristol Sessions recordings by the Carter Family, Jimmie Rodgers, Ernest V. Stoneman, and others – these recordings were influential in shaping the sounds of early commercial country music. The museum explores how this rich musical heritage lives on in today's music, and how music from the region continues to influence music around the world.

“I have found serving on the APELSCIDLA Board to be very rewarding. Representing one of the ‘newer’ professions, each profession has their own perspective on the Board, just as we do on a project, and they are all important. I am able to elevate my profession, serve the Commonwealth, and create great working relationships with my peers in the related professions.”

– Cameron Stiles, Certified Interior Designer, current board member

“It was an honor to serve on the board. I appreciated the hard work of the staff, the respectful collaboration among the different professions that are regulated by the board, and especially the mentorship and friendship provided...”

– Kenneth Schwartz, Architect, former board member



Left: Museum exterior. Photo courtesy of Peyton Boyd Architects

Above: Museum lobby. Photo courtesy of Birthplace of Country Music Museum





# 2010s

## Lesner Bridge - 2019

Each year *Roads and Bridges* names its list of best bridge projects based on overall design excellence, project execution, and safety improvements. Environmental responsibility and impact on the community are also taken into consideration. The trade publication recently selected their Top 10 Bridges. Coming in at #4, Lesner Bridge in Virginia Beach has established a striking new gateway into the city.

The new \$84 million bridge is a multimodal connector that is safe but also an attractive space for bicycles and pedestrians as well as vehicles. The project included significant public involvement to ensure the surrounding community felt a strong sense of ownership and pride in the new bridge. The aesthetic lighting features served as the finishing touch for the completion of the 1,575-ft dual-span structure.

*Information and photos courtesy of Clark Nexsen*

“As a Professional Engineer, I believe we have an obligation to protect the public health, safety, and welfare of the public. We also have an obligation to give back to the profession, and I am proud to represent Virginia’s PE’s on the APELSCIDLA Board...I have appreciated the professionalism and feedback from my fellow Board members and will always remember my time on the APELSCIDLA Board and congratulations on the 100th year anniversary of the Board.”

– Chris Stone, Professional Engineer, current board member



Lesner Bridge under construction (above) and finished (left).

“Having the opportunity to serve on the Virginia APELSCIDLA Board was one of the most rewarding experiences of my career. Together, with my colleagues, we were able to remove unnecessary barriers to licensure while upholding our duty to protect the health, safety, and welfare of the public.”

– R. Corey Clayborne, Architect, former board member





## Novel Coworking City Center - 2020

Novel Coworking, owner of the City Center in Norfolk, wanted a refresh of its 60,000 square feet outdated interior space, which was built in 1987. The existing atrium became the focal point of the project which was completed in early 2020.

To cap off the project, a new outdoor patio was designed for an area of rooftop at the third floor level (not pictured), which had not previously been accessible from the building interior. The new patio helps establish Plume Street as a gateway corridor to Downtown from MacArthur Square.

*Information courtesy of Work Program Architects*



Left and above: City Center interior after renovation. Photos courtesy of Yuzhu Zheng

## Liberty Mountain Ramp & Roundabout - 2020

This project entailed new access ramps off and onto Route 460 East in Lynchburg. The ramps are intended to increase access to the Liberty University Campus and ease traffic at other interchanges. The intersection of the ramps and Liberty Mountain Drive are being improved with the design of a roundabout.

*Information and photo (right) courtesy of Hurt & Proffitt*





# 2020s

## Blue Hills Communications Center - 2020

In late October 2018, Roanoke City and Virginia Utility Protection Service (VA811) broke ground on a combined Communications Center that was two years in the making. The 27,000 SF facility houses a unique blend of shared resources, multiple layers of security protection, and a state of the art server environment. The one-of-a-kind facility was completed in March 2020. Civil, structural, architectural, surveying, engineering, and interior design services were all under one unique contract.

*Information and photo courtesy of Lionberger Construction and Balzer & Associates*

“An appointment to serve on the Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers and Landscape Architects is an honor and privilege. As a Certified Interior Designer, I was fortunate to be able to serve the Board for eight years. To be able to work together with such a talented and committed group of individuals in order to regulate a variety of disciplines was truly a pleasure. I would like to extend my thanks and appreciation to the Executive Director, all of the Board members past and present and the entire staff for all they have done and continue to do for the Commonwealth of Virginia.”

– Lorri B. Finn, Certified Interior Designer, former board member



“My boss taught me you have to learn to give back and that means teaching others. I certainly enjoyed my time on the Board. I had the opportunity to participate in writing the national surveyors exam and the state-specific exam. My father was a surveyor and the day after he retired, I hired him to work at the Eastern Shore office. It was the best decision I ever made.”

– Steve Stephenson, Land Surveyor, former board member

# ...and Beyond

## Anna Julia Cooper - Middle School

This rendering is of the Anna Julia Cooper Middle School which is to be built adjacent to the already existing Anna Julia Cooper Elementary School. The school is a private school that provides tuition-free education to residents in Richmond's East End. When completed, the middle school building will be 33,082 square feet. The groundbreaking took place on April 20, 2020, and the anticipated completion is August 2021.

*Information and rendering courtesy of Boynton Rothschild Rowland Architects PC*



## Elizabeth River Project

Ryan Resilience Lab, a homegrown non-profit organization dedicated to the preservation and restoration of the Elizabeth River, is working to develop plans for a nationally-recognized "Resilience Lab" in the rapidly redeveloping North Colley neighborhood. The focus of the project is to democratize the methods of resilience and sustainability, by serving as a regional demonstration of resilient construction methods for homeowners, developers, and builders. Sustainability will be a primary focus, with the goal of reaching net-zero energy usage. Solar power, rainwater collection, and green roofs will be just a few of the highly-visible strategies employed on the building and site. The building will be engineered to withstand flooding and heavy rain events, and potentially serve as a refuge during catastrophic storm events.

*Information and rendering courtesy of Work Program Architects*





## 2020 BOARD MEMBERS

The APELSCIDLA Board Board comprises 15 board members with the addition of two citizen members in 2018, and represents various regions of the Commonwealth. Board Members are appointed by the Governor to serve four-year terms and may succeed themselves once if reappointed.

### **Architects:**

Bob Boynton - Richmond | Arch/CID/LA Section Chair

Mel Price – Norfolk

Christine Snetter – Newport News

### **Professional Engineers:**

James “Jim” Kelly – Newport News

Vinay Nair – McLean

Christ Stone - Richmond | PE/LS Section Chair

### **Land Surveyors:**

Doyle B. Allen – Forest

Vickie McEntire Anglin – Fairfax

Mike Zmuda - Richmond | Board Chair

### **Landscape Architects**

Frank W. Hancock, III – Charlottesville

Ann P. Stokes – Norfolk

“Serving on the board has given me perspective into how all the design fields represented relate to and need each other, and into how important the oversight we provide makes all licensed practitioners more secure in their professions. It has been an honor to serve with my fellow board members who hail from all corners of our Commonwealth.”

– Ann Stokes, Landscape Architect, current board member

### **Certified Interior Designers:**

Cameron Stiles – Glen Allen

Caroline Alexander – Lexington

### **Citizens:**

Karen Reynes – Norfolk

Hypatia L.R. Alexandria – Potomac Falls

## CURRENT REGULANT POPULATION

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as of May 1, 2020

**7,518**

Architects

**29,558**

Professional Engineers

**1,278**

Land Surveyors

**72**

Land Surveyor Bs

**110**

Surveyor Photogrammetrists

**498**

Certified Interior Designers

**943**

Landscape Architects

**4,271**

APELSCIDLA Businesses

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The APELSCIDLA Board office is located within DPOR at 9960 Mayland Drive in Richmond, Virginia. *Photo courtesy of J. Gallini*

“Serving on the Board has been a tremendous honor and privilege. I’ve been able to observe the multitude of ways that people enter and become licensed in the Architecture, Engineering, Land Surveying, Certified Interior Design, and Landscape Architecture professions. In the years since I began my career, I’ve seen a culture of true collaboration take hold in our shared industry, and it’s been exciting and refreshing. I like to think that it is perhaps a return to the spirit of teamwork that led these professions 100 years ago!”

– Mel Price, Architect, current board member



## ACKNOWLEDGMENTS

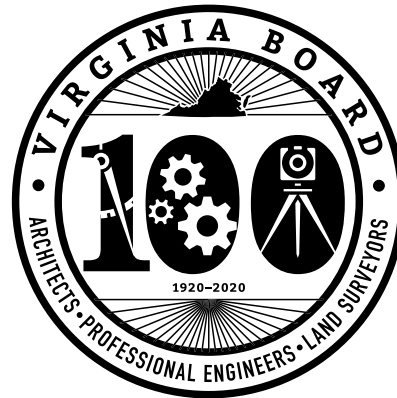
With special thanks to Robert (Bob) Boynton, Architect Board Member, and the following individuals:

Corey Clayborne, Architect, Executive Vice-President & Cathy Guske, Member Services Director, AIA Virginia

Bonnie Davis, former APELSCIDLA Administrative Assistant

Connor Eads, former DPOR Fellow

Mel Price, Architect Board Member, Principal & Stacey Crawshaw, AIGA, Work Program Architects



Book design by Paris Ashton, Office of Graphic Communications  
Virginia Department of General Services

GLOUCESTER

COUNTY

Fairfield well

Cedar Bush Creek

Saraks Creek

Sigers Creek

Hindles Fort

Lord C's Post at GLOUCESTER

Point

Y<sup>12</sup> O<sup>13</sup> R<sup>14</sup>



Toes Point  
Pocowon River  
Toes Marsh

ELIZABETH CITY COUNTY

YORK Lord

Fort Cornwallis's Post

Wormsleys Creek



