

*Issue
No. 60*



*December
2019*

DEB Newsletter

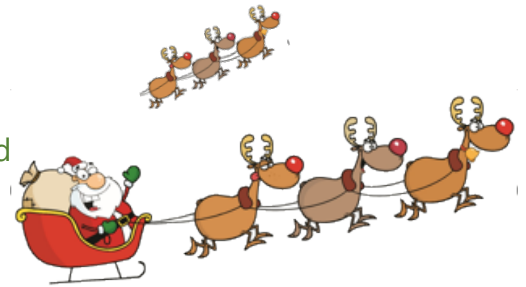
In this issue:

- ❖ 2019 Highlights
- ❖ 2020 Look Ahead
- ❖ DEB Career Opportunity
- ❖ 2019 CPSM Revision 1
- ❖ DEB Notice 010120
- ❖ ESCOs, EPC and Executive Order 43 (2019)
- ❖ VCCO & DEB Forms Update
- ❖ Parking for Capitol Square and State Agency Visitors

2019 Highlights

DEB Organization

2019 was a “changing of the guard” year. DEB said goodbye to Reviewers Matt Duerksen, Jim Frye, and Rick Messer to well-deserved retirements, but gained three new, experienced professional staff members – Steve L’Heureux, Yusufu Lere, and Troy Knapp – to take over the reins.



Reviews & Inspections

Over the past 12 months, the Division completed reviews on over **3,210 submittals**. DEB’s architects and engineers also completed over **301 inspections** during this timeframe.

Training & Certification

In 2019, DEB held **4 CPSM** and **2 VCCO** seminars, providing training to over **300** attendees. **31** new VCCOs were certified

Permits & Certificates

Over the past 12 months, the Division issued **369 Building Permits** and **276 Certificates**. In addition DEB issued **407 Temporary Structure** and **Special Use Permits** and **7 Tower Permits**.

Electronic Document Review (EDR)

EDR moved from a phased “production” implementation in 2018 to full implementation in 2019. Authorized BITS users from all agencies may now submit plans to DEB in electronic (pdf) format rather than via expensive, multi-copy, large-format drawing sets.

M-R FIX

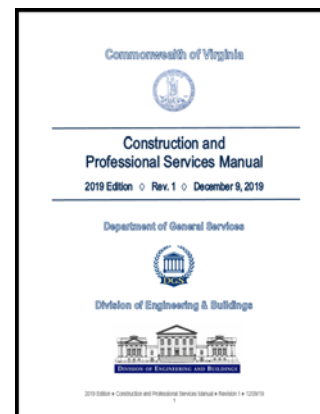
DEB, in concert with DGS’s Division of Real Estate and Facilities Management (DREFM), assisted state agencies in the successful first year implementation of the M-R FIX web-accessible application. This software application, contained with DREFM’s broader COVATrax system is used to determine the relative age of buildings and infrastructure. The data is used by the Department of Planning & Budget to calculate the amount of maintenance reserve funds needed to restore these capital assets.

2020 Look Ahead

CPSM, DEB Notices, and DEB Forms

The **2019 CPSM Rev 1 Edition** issued December 9, 2019 is the current version of the *Construction and Professional Services Manual*. Significant changes in policies, laws, or guidance between Manual revisions are communicated via DEB Notices. One such Notice, **DEB Notice 010120**, becomes effective January 1.

Several key contract forms are currently being revised based upon comments received from the Office of the Attorney General. As these form updates are completed, the forms will be uploaded to the **DGS Forms Center** for use by agencies. As with other forms revisions, DEB will provide notification of the availability of these forms in upcoming *DEB Newsletters*.



See Page 3 for more information regarding the new CPSM and DEB Notices.

Training

DEB plans to again provide **4 CPSM** and **2 VCCO** seminars in 2020. The **2 spring CPSM seminars** will be held on **April 15–16** and **May 6–7**. Applications for these seminars will be emailed in the early March timeframe to individuals who have completed the online **CPSM Seminar Expression of Interest Form**. The **spring VCCO seminar** will be held on **May 27–28**. Applications will be emailed in the April/May timeframe to individuals who have completed the online **VCCO Seminar Expression of Interest Form**. Dates have not yet been set for the fall 2020 seminars. They will be announced in a future *DEB Newsletter*.

Electronic Document Review (EDR)

Agencies not currently exercising the option for EDR submittals are encouraged to take advantage of paperless submittals. DEB is currently looking into electronic signature approvals for returning electronic versions of Building Official-approved Permit Sets.



DEB Career Opportunity – State Electrical Reviewer (EE015)

The Division of Engineering & Buildings is seeking a qualified licensed engineer to perform tasks related to Electrical Engineering review of building plans and specifications. The successful applicant holds:

- ✓ a bachelor's degree in engineering with emphasis in electrical engineering
- ✓ a professional engineering license in Virginia
- ✓ a valid driver's license.

In addition, the applicant shall have knowledge and experience in the application of the Virginia Construction Code, the National Electric Code, the Virginia Energy Conservation Code, and other applicable state regulations. Submit application through: **<http://jobs.virginia.gov>**

2019 CPSM Revision 1

Revision 1 of the 2019 Edition of the Construction and Professional Services Manual was issued effective December 9, 2019. This and earlier editions of the CPSM are available on the DEB website for viewing and download.

The associated **DEB Notice 120919** provides a summary, by chapter and section, of the significant changes incorporated in this edition.

In addition to reviewing DEB Notice 120919, users are encouraged to take advantage of the bookmarks and table of contents hyperlinks incorporated within the Manual. Either will allow a user to quickly access a specific section of the Manual.

Many other hyperlinks have also been incorporated within the Manual text to allow users to quickly access DEB forms on the DGS Forms Center and to access other relevant data available via the web.

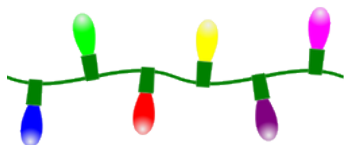
Lastly, the search features incorporated within the pdf viewers are a great tool for accessing specific Manual requirements based on a keyword search.

DEB Notice 010120 – Alternative Construction Procurement Procedures

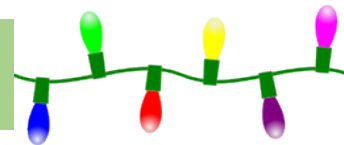
New Design-Build (D-B) and Construction Management (CM) Procedures were adopted by the Secretary of Administration on December 12, 2019 and go into effect on January 1, 2020.

DEB Notice 010120 contains links to access both new procedures as well as links to other related D-B and CM resources

ESCOs, EPC and Executive Order 43 (2019)



ESCOs: Energy Service Contracts
EPC: Energy Performance Contracting



The Department of General Services, Division of Purchases and Supply has **pre-qualified 15 contractors that can provide energy performance contracting services** pursuant to the procedures established as part of the pre-qualification process.

Energy performance contracting is a budget-neutral approach to implementing facility energy performance efficiencies and solutions and water saving projects. The energy performance contracting approach is identified in **Executive Order Forty-Three (2019)** as a solution for state agencies and institutions to utilize to achieve a reduction in their energy usage.

Additional information about the energy performance contracting can be found at the **Department of Mines, Minerals and Energy website**. At this site you will also find contact information for individuals who can assist you in determining if your facility is a good candidate for an energy performance contract.

Floodplain Management Program for State Agencies

For the last two decades, the Virginia State government agencies have operated under the guidance and direction of **Executive Memorandum 2-97 Floodplain Management Program for State Agencies** for floodplain management and flood disaster recovery. The Memorandum, issued in July 1997, established a structure for leadership, responsibility, and coordination of efforts for flood hazard mitigation with the goals of minimizing flood disaster costs and risks to human health, safety, and welfare.

Last year, in recognition of increasing risks from sea level rise and other natural hazards, Governor Ralph Northam issued **Executive Order Twenty-Four (2018) Increasing Virginia's Resilience to Sea Level Rise and Natural Hazards**. EO-24 served as a herald and a charge to Commonwealth establishments to incorporate resiliency in planning and design of buildings and infrastructure in order to reduce near and long-term impacts of natural hazards across the Commonwealth – particularly hazards posed by rising sea level.

A directive of this Executive Order designated the Secretary of Natural Resources as the Chief Resilience Officer of the Commonwealth of Virginia, responsible for planning, coordination, and implementation of pre-disaster mitigation strategies across State establishment. The directive charged the Chief Resilience Officer with the task of determining the vulnerability of state-owned buildings to natural hazards, and the identification of measures to increase the resilience of those buildings that are most at risk.

The directive of this order also tasked the Chief Resilience Officer to develop a robust, regional or state-wide, sea level rise projection standard - including the establishment of minimum freeboard standard, for use in the planning and design of new state-owned buildings.

On November 15th, 2019, Executive Memorandum 2-97 was rescinded and superseded by the issuance of **Executive Order 45 (2019) Floodplain Management Requirements and Planning Standards for State Agencies, Institutions, and Property** by Governor Northam. EO-45 establishes mandatory standards for development of state-owned properties in flood-prone areas. With the benefit of the latest science and research data gathered as a result of Executive Order 24, EO-45 expands the footprint of floodplain management restrictions beyond the 100-year floodplain referenced in 2-97 to include the 500-year floodplain.

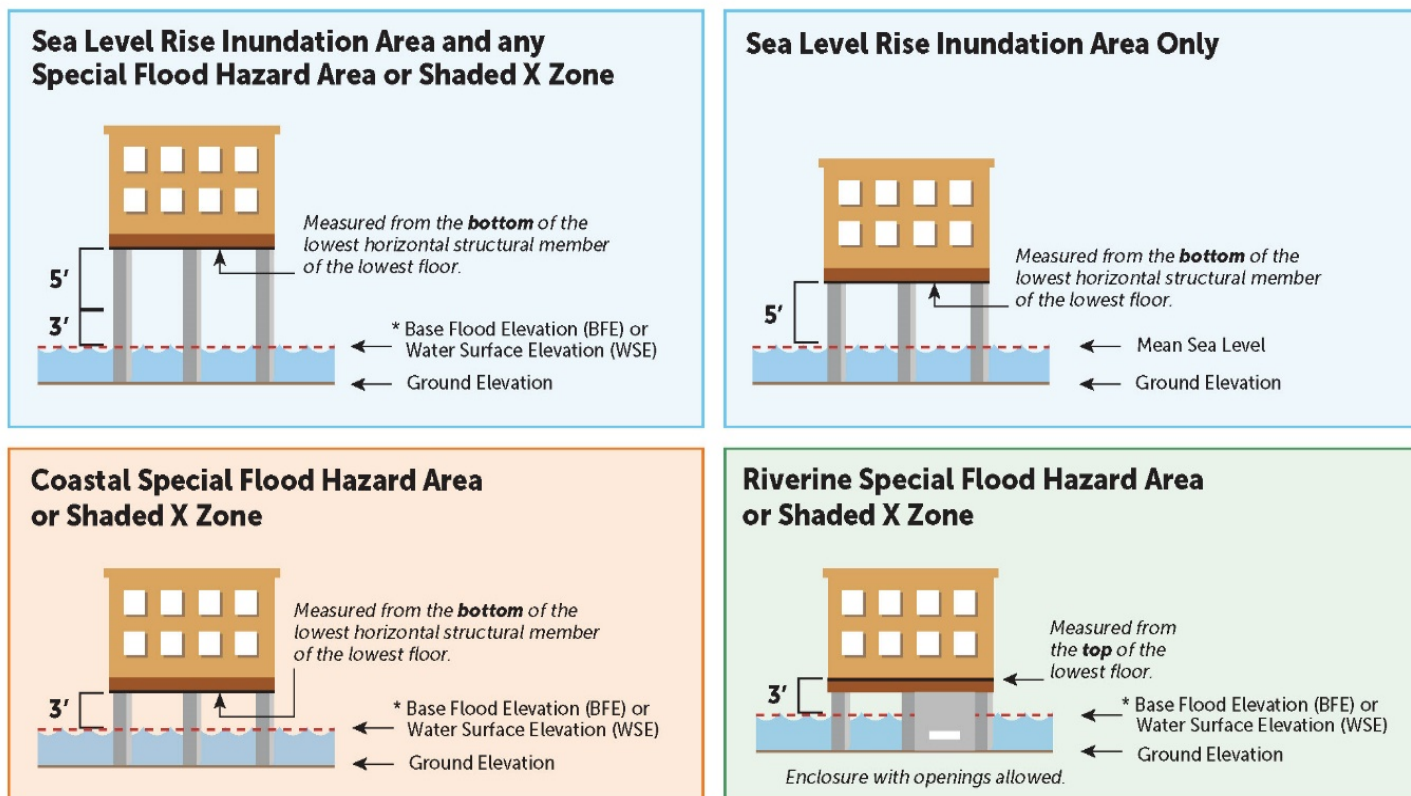


Highlights of the directives and requirements of EO-45 include:

1. Executive Order 45 applies to all entities of the Executive Branch of the Commonwealth of Virginia, including Agencies, Offices, Authorities, Commissions, Departments, and all Institutions of Higher Education.
2. Effective November 15, 2019, Executive Order 45 prohibits new construction, reconstruction, purchase or acquisition of State-owned buildings within the 100-year floodplain and/or the 500-year floodplain unless a variance is granted by the Director of DGS, after consultation with the State Coordinator of the National Flood Insurance Program – the Department of Conservation and Recreation (DCR).
3. All development, including buildings, on state-owned property shall comply with the locally adopted floodplain management ordinance of the community in which the state-owned property is located and any flood-related standards identified in the Virginia Uniform Statewide Building Code.
4. In furtherance of building resilience goals, Executive Order 45 has introduced a freeboard standard for all new state-owned building in flood-prone areas. This will apply to all new state-owned buildings receiving funding authorization for construction on or after January 1st, 2021. The freeboard Standard is depicted in the graphical sketches below.

Virginia Flood Risk Management Standard

Freeboard Standards for New State-Owned Buildings in Flood-Prone Areas



Ref. <https://www.governor.virginia.gov/newsroom/all-releases/2019/november/headline-849374-en.html>

5. Executive Order 45 has directed that the National Oceanographic and Atmospheric Administration (NOAA) Intermediate-High scenario curve shall be the state standard for predicting sea level rise. The Department of Conservation and Recreation was assigned the task of developing a guidance document by October 1, 2020 to provide state agencies with the methodology for complying with the freeboard standards and sea level rise planning standards.

Implementation of the floodplain management policies in EO-45 is intended to mitigate the hazards and costs to state-owned buildings associated with flooding brought about by rising sea levels. This Executive Order has received wide acclaim as placing Virginia at the forefront of flood-risk building standards for state-owned property, incorporating science-based federal projections for sea level rise.

Refer to CPSM Section 4.7, State Building Construction in Floodplain, for additional information.

VCCO Update

John Fogg with the Department of Game and Inland Fisheries and **William Hall** with the Department of Corrections recently passed the Virginia Construction Contracting Officer (VCCO) certification examination.

Virginia Construction Contracting Officers are state and local government employees who have completed the necessary training and successfully passed a multi-part examination focused on state procurement law, policy and procedures. VCCOs perform several key functions in delivering projects including the procurement of professional services; the receipt, opening and review of bids; and in some cases the approval of CO-8 forms for recommending the award of construction contracts.



DEB Forms Update

The following new or revised DEB forms are now available on the [DGS Forms Center](#). It is recommended to download the [DGS-30-000 form](#), as it contains hyperlinks to all other forms for quick access. The [DGS-30-000](#) also provides a brief description of the changes to the recently revised forms.

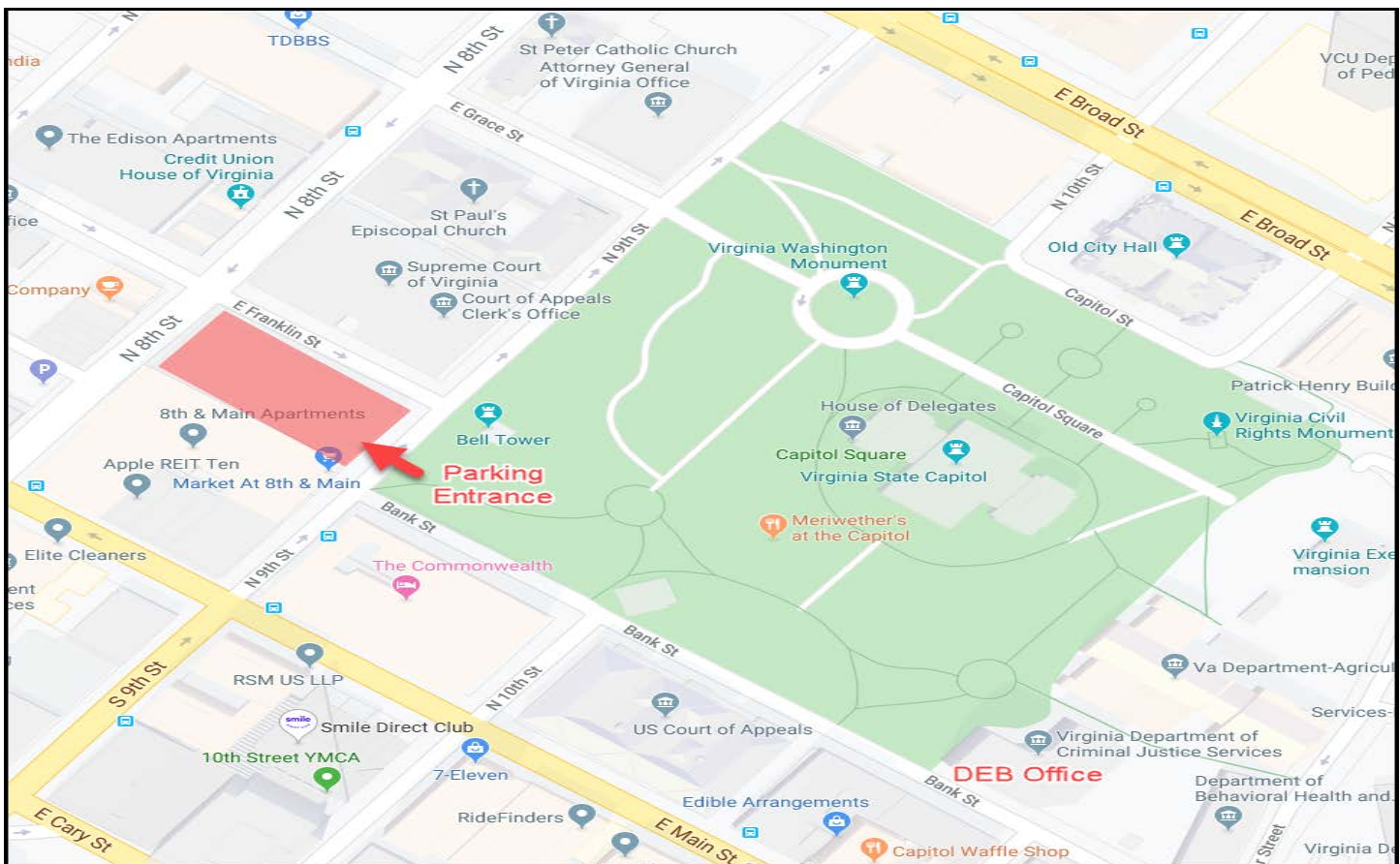
Form #	Form Name	Rev. Date (mm/yy)
DGS-30-000	DEB Forms Master List	12/19
DGS-30-382	VEES Checklist	12/19

Parking for Capitol Square and State Agency Visitors

Public parking can sometimes be difficult near DEB's office in the Washington Building at 1100 Bank Street. The Department of General Services (DGS) recently reconfigured a state parking deck to include 120 parking spots for visitors to the Capitol, Capitol Square and state agencies located in the area. The visitor spaces are available inside the parking deck at the corner of 9th and Franklin streets in Richmond. Parking is \$5 an hour, with a maximum of \$20 per day, and must be paid via credit card. The parking deck will be open from 7 a.m. to 7 p.m., Monday through Friday, excluding state holidays.

Access to the visitor parking is from 9th Street, with the exit on 8th Street. Visitors will receive a ticket when they enter, and that ticket is required to exit the deck. The ticket also will be required for entry into the facility, so visitors must keep their tickets on them at all times. The pedestrian entrance is located at the corner of 9th and Franklin streets, and this will be the only entry into the garage after 7 p.m. Those with lost tickets will be charged the daily rate of \$20. Visitor parking spots are available on a first-come, first-served basis. The spaces accommodate compact and mid-size vehicles, and the clearance to the facility is 6 feet, 5 inches.

[Link to map below](#)



**Happy Holidays
and best wishes for the New Year
from the Division of Engineering & Buildings !**

