

IMPACT STATEMENT

Legislation title: Appoint Kent Yu, Mark Tobin, Josh McDowell, Trent Nagele and Clinton Ambrose to the Structural Engineering Advisory Committee for first, 3-year terms to expire June 26, 2021 (Report)

Contact name: Amit Kumar, Bureau of Development Services (BDS)

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Presenter name: Amit Kumar, Bureau of Development Services (BDS)

Purpose of proposed legislation and background information:

The Structural Engineering Advisory Committee is a citizen advisory body. It advises the Director of the Bureau of Development Services and/or the Appeals Board in structural engineering matters relative to reasonable interpretation and to alternate materials and methods of construction.

Portland City Code Title 24.10.085 specifies that members of the Structural Engineering Advisory Committee may serve up to two 3-year terms. After a thorough review process, Kent Yu, Mark Tobin, Josh McDowell, Trent Nagele and Clinton Ambrose are recommended for appointment to vacant positions for 3-year terms.

Financial and budgetary impacts:

This legislation appoints citizen volunteers to serve on the Structural Engineering Advisory Committee, a citizen advisory body. It advises the Director of the Bureau of Development Services, and will therefore have no budgetary or long-term financial impacts for the Bureau of Development Services (BDS) or the City.

Community impacts and community involvement:

This legislation will benefit the review and permitting process of the Bureau of Development Services and the construction industry in the use of new innovative methods of design and construction. Each of the members of the Structural Engineering Advisory Committee are registered structural engineers with several years of experience and several of them served on national, statewide and local structural organizations. Their cutting-edge design experience and knowledge will benefit the development community greatly.

Public notice regarding the vacant Structural Engineering Advisory Committee positions being filled through this legislation was provided in the Structural Engineers of Oregon's newsletter and website. Notice was also provided on Office of Neighborhood Involvement's website and on BDS's website.

With these proposed appointments and the reappointment of David Nilles, there are no vacancies on the committee.

100% Renewable Goal:

This legislation appoints citizen volunteers to serve on the Structural Advisory Committee, and will therefore have no impact on the City's energy use. This legislation neither contributes to nor detracts from the City's goal of meeting 100 percent of community-wide energy needs with renewable energy by 2050.

Budgetary Impact Worksheet

Does this action change appropriations?

YES: Please complete the information below.

NO: Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount



City of Portland, Oregon
Bureau of Development Services
Office of the Director
FROM CONCEPT TO CONSTRUCTION

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June 27, 2018

To: Mayor Ted Wheeler
Commissioner Chloe Eudaly
Commissioner Nick Fish
Commissioner Amanda Fritz
Commissioner Dan Saltzman

From: Rebecca Esau, Director *RE*
Bureau of Development Services

Subject: Appointments to the Structural Engineering Advisory Committee

Portland City Code Title 24.10.085 specifies that members of the Structural Engineering Advisory Committee, consisting of six members licensed in Oregon to practice structural engineering, be appointed by the Mayor and approved by the City Council.

Members may be appointed to no more than two consecutive 3-year terms, unless the Director recommends approval of a longer term, and the Mayor and City Council approve the extended appointment. After a thorough review process, **I recommend the following five candidates for appointment to vacant positions for 3-year terms from June 27, 2018 to expire June 26, 2021:**

Kent Yu PhD, PE, SE is the principal and owner of SEFT Consulting group in Portland. Kent has eighteen years of structural, earthquake, tsunami and forensic engineering experience. He is well known for his expertise on seismic design, performance based design, advanced finite element analysis. Kent has served on national and state committees including on the Board of Directors for Applied Technology Council, as Chair of the Oregon Seismic Safety Policy Advisory Commission, ASCE 7 Tsunami Load Effects committee, ASCE Infrastructure Resilience Division Executive Committee. He was the primary author of the *2012 Oregon Resilience Plan*.

Mark Tobin is a Principal with KPFF Consulting Engineers with over 20 years of experience as a practicing Structural Engineer. Mark's career has focused on seismic renovations, seismic evaluations, school buildings and high-rise buildings including advanced non-linear and finite element analysis. Mark has served on the City of Portland URM Seismic retrofit project technical standards committee and on the Oregon Seismic Safety Policy Advisory commission on critical buildings.

Josh McDowell is the Principal and Director of Structural Engineering with at Mackenzie, a local architecture, planning and design firm. Josh is a practicing Structural and Civil Engineer with over two decades of experience. Josh oversees the structural design for a range of project types including commercial, retail and industrial facilities. Josh has an extensive background in the assessment and remodel of existing structures involving seismic strengthening and code compliance.

Trent Naegle is a Principal with VLMK Engineers +Design in Portland Oregon. Trent is a registered Structural Engineer with over 22 years of Structural Engineering experience working on diverse range of building construction types and uses. He has vast experience in seismic evaluation and upgrade of existing buildings ND USE OF ALTERNATIVE MATERIALS. Trent serves as commissioner on the Oregon Seismic Safety Policy Advisory Commission (OSSPAC). He has served as the President of the Structural Engineers Association of Oregon, served as the co-chair of the Critical Buildings group for the Oregon Resilience Plan, has served on FEMA's project review panel for FEMA P-1026 and is a voting member on the American Concrete Institute's (ACI) -551 committee.

Clinton Ambrose is a Principal and founding partner with ABHT Structural Engineers. Clinton has over 25 years of experience. His portfolio of work includes structural consulting for a wide variety of projects such as water/wastewater facilities, recreational facilities, educational facilities, office buildings, seismic evaluations and retrofits and multi-story mixed use residential/commercial facilities. ABHT Structural Engineers are a Oregon certified MBE and DBE firm.

These five candidates would bring a wealth of expertise and experience to the Structural Engineering Advisory Committee on typical issues that are brought before the committee. I recommend that Kent, Mark, Josh, Trent and Clinton be appointed to 3-year terms on the Structural Engineering Advisory Committee. Their appointments will help continue the work of the Structural Engineering Committee in providing a fair and science based advice to BDS on use of alternate materials, design and methods of construction and equipment methods, while promoting innovation and promoting health and safety of the public.

With these proposed appointments and one proposed reappointment to be filled by David Nilles (under a separate Report), there will be no vacancies on the committee.