



City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: <i>Roi Chang</i>		
Board/Commission Name: <i>Landmarks Preservation Board</i>		Position Title: <i>Structural Engineer</i>
<input checked="" type="checkbox"/> Appointment OR <input type="checkbox"/> Reappointment		Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appointing Authority: <input type="checkbox"/> Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>	Date Appointed: <i>11/26/2019</i>	Term of Position: * <i>8/15/2019</i> to <i>14</i> <i>8/15/2022</i> <input type="checkbox"/> <i>Serving remaining term of a vacant position</i>
Residential Neighborhood: <i>Columbia City</i>	Zip Code: <i>98118</i>	Contact Phone No.: [REDACTED]
Background: <i>Ms. Chang is a licensed structural engineer in Washington and California, and operates her own firm in Columbia City. She holds a Bachelor and Master of Science in Civil Engineering. Her current practice is focused primarily on seismic improvements and retrofitting existing buildings, including historic structures.</i>		
Authorizing Signature (original signature): <i>Jenny A. Durkan</i>	Appointing Signatory: <i>Jenny A. Durkan</i> <i>Mayor of Seattle</i>	

FILED
 CITY OF SEATTLE
 19 NOV 26 AM 10:37
 CITY CLERK

*Term begin and end date is fixed and tied to the position and not the appointment date.



Roi Chang, PE, SE, LEED AP
Structural Engineer

Roi has over 12 years of experience working in Seattle, Washington as a structural engineering consultant. For the past 10 years, her practice has focused on seismic design and retrofits of existing buildings. Her work has varied from outdoor art installations and residential repair projects to the complete redevelopment and reuse of existing concrete, masonry, and timber buildings. Her strength lies in understanding the issues of constructability and finding unique solutions to complex problems. Roi is currently working with Washington State to certify her practice as a minority and woman owned business.

EDUCATION	BSCE, University of California at Berkeley MSCE, University of Illinois at Urbana-Champaign
REGISTRATIONS	PE, SE Washington, #49873 PE, SE California, #74614
CERTIFICATIONS	Minority Women’s Business Enterprise (MWBE) – In progress LEED AP (Accredited Professional)

PROFESSIONAL EXPERIENCE

ROICH Structural pllc ♦ Principal & Structural Engineer

- ♦ Seattle, Washington ♦ 2015 – Current
- ♦ Currently provides structural engineering and project management services with a specialty in seismic evaluations and retrofits of existing buildings, historic preservations, and tenant improvements.
- ♦ Collaborates with architects, owners, other engineering consultants, and local/state jurisdiction in providing cost effective and innovative solutions for each given project.

MA Wright llc, Structural Engineers ♦ Associate/Senior Design Engineer

- ♦ Seattle, Washington ♦ 2009 - 2015
- ♦ [Temporary Merger] Senior Design Engineer at Lund Wright Opsahl llc (2011-2013)
- ♦ Key member of a 7-person structural consulting firm. Developed and Coordinated drawing packages from schematic design through construction documents for new and existing buildings.
- ♦ Responsible for development of project scope, fee proposals, field assessments, design analysis, permit submittals, site inspections, construction support services, and project sign offs.

DCI Engineers ♦ Structural Project Engineer

- ♦ Seattle, Washington ♦ 2006 - 2009
- ♦ Structural engineering services and management of steel, CMU masonry, wood, and concrete projects in a diverse range of markets including retail, multi-family, health care, education, commercial, seismic retrofits, and tenant improvement.

Harris & Associates ♦ Design Engineer ♦ Concord, California ♦ 2005

The Conco Companies ♦ Project Engineer ♦ Concord, California ♦ 2003-2004

University of California Pacific Earthquake Engineering Research Center

- ♦ Research Assistant ♦ Berkeley, California ♦ 2003





Roi Chang, PE, SE, LEED AP
Structural Engineer

REPRESENTATIVE PROJECTS

Seattle Parks City-Wide Pools Project ♦ Seattle, Washington ♦ 2016 - Current

As the structural engineer on the design team in collaboration with NG Jacobson & Associates and S.M. Stemper Architects, Roi provided the preliminary design study and permit design for the renovation and upgrade of (6) existing swimming pools and natatoriums in the City of Seattle: Ballard, Helene Madison, Meadowbrook, Medgar Evers, Queen Anne, and Southwest Pools. The initial study took place in 2016, followed by permit design in 2017. Staged construction commenced in early 2018 and is expected to continue through late 2019.

Pike and Melrose Building ♦ Seattle, Washington ♦ 2013 - 2014

As the project lead, Roi provided structural engineering services from pre-design through construction for the adaptive reuse of two existing buildings located on Seattle's Capitol Hill. A full seismic evaluation and retrofit design for this structure was performed utilizing a combination of strengthening the existing structure and providing new Buckling Restrained Brace (BRB) frames. This structure was restored and converted from its original use as an auto garage and sales room into a new café, restaurant, and food processing facility.

All Pilgrims Christian Church ♦ Seattle, Washington ♦ 2012 – 2013

As a subconsultant to MA Wright Structural Engineers, Roi provided structural engineering services for the completion of the first phase of work following the recommendations of a full building seismic evaluation and report prepared for All Pilgrims Christian Church, located in the Capitol Hill neighborhood. This initial phase of work consisted of roof repair and improvements designed to bring the roof system up to life safety standards when a future full life safety upgrade has been completed.

325 Westlake Avenue North ♦ Seattle, Washington ♦ 2011 - 2014

Roi managed the design and construction support services for the redevelopment of this 1920s one story masonry and timber structure located in the heart of the South Lake Union neighborhood. The front half of the original building underwent a seismic retrofit with new steel moment frames and connections between the timber diaphragms and original perimeter masonry walls to function as an art studio/open gallery. A new five story steel framed addition comprised of mixed use office space and high end residential apartments was added to the back portion of the building. This project was completed spring of 2014.

North Cascades Gateway Center (NCGC) ♦ Sedro Woolley, Washington ♦ 2010 - 2014

Structural engineering services for the seismic evaluation and upgrade design of two historic structures located on the NCGC campus. The campus was previously the Northern State Hospital campus constructed in the early 1900s. A seismic evaluation based on ASCE 41-04 was performed. Seismic upgrades consisted of new roof to wall connections, new concrete shearwalls, and new girder/truss connection ties.

Earthquake Damage Safety Assessment ♦ Petit Goave, Haiti ♦ July-August 2010

Following the devastating magnitude 7.0 earthquake in February 2010, Roi went to Haiti with a team of architects and engineers spending two weeks providing rapid building damage assessments for local hospital, clinic, school, commercial, and residential buildings. Potential safe refuge evacuation shelters were also identified. Worked in collaboration with the Haitian Municipal of Civil Defense and local government in providing digital logs and records of assessments.



Landmarks Preservation Board

12 Members: Pursuant to Ordinance No. 106348, all members subject to City Council confirmation, 3-year term for 11 members, and 1-year term for Get Engaged Member:

- 12 Mayor-appointed

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
-	M	5	1.	At- Large	Dean E. Barnes	08-15-19	08-14-22	1st	Mayor
5	M	3	2.	At-Large	Manish Chalana	08-15-17	08-14-20	1st	Mayor
-	F	2	3.	Structural Engineer	Roi Chang	08-15-19	08-14-22	1st	Mayor
6	M	2	4.	Get Engaged	Ian Macleod	09-01-19	08-31-20	1st	Mayor
6	M	6	5.	Architect	Jordan Kiel	08-15-18	08-14-21	2nd	Mayor
-	F	3	6.	Urban Planning	Amy Farley	08-15-18	08-14-21	1st	Mayor
-	M	3	7.	Real Estate	Lance Neely	08-15-19	08-14-22	1st	Mayor
-	F	3	8.	At-Large	Harriet Wasserman	08-15-18	08-14-21	1st	Mayor
-	-	-	9.	Historian	vacant	08-15-19	08-14-22	1st	Mayor
6	F	6	10.	Architect	Kristen Johnson	08-15-19	08-14-22	2nd	Mayor
6	M	3	11.	Finance	Russell Coney	08-15-19	08-14-22	2nd	Mayor
-	M	6	12.	Historian	Matt Inpanbutr	08-15-19	08-14-22	1st	Mayor

SELF-IDENTIFIED DIVERSITY CHART

	(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)	
	Male	Female	Transgender	NB/O/U	Asian	Black/ African American	Hispanic/ Latino	American Indian/ Alaska Native	Other	Caucasian/ Non- Hispanic	Pacific Islander	Middle Eastern	Multiracial					
Mayor	7	4							1 (South Asian)	4								
Council																		
Other																		
Total																		

Key:

- *D List the corresponding Diversity Chart number (1 through 9)
- **G List gender, M= Male, F= Female, T= Transgender, NB= Non-Binary O= Other U= Unknown
- RD Residential Council District number 1 through 7 or N/A

Diversity information is self-identified and is voluntary.