



## Legislation Passed February 21, 2017

The Tacoma City Council, at its regular City Council meeting of February 21, 2017, adopted the following resolutions and/or ordinances. The summary of the contents of said resolutions and/or ordinances are shown below. To view the full text of the document, click on the bookmark at the left of the page.

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### **Resolution No. 39654**

A resolution setting Wednesday, March, 29, 2017, at 9:00 a.m. as the date for a hearing by the Hearing Examiner to confirm the final assessment roll for Local Improvement District 8645 for construction of permanent pavement and other appurtenances located on Broadway from South 2nd Street to South 9th Street; St. Helens Avenue from South 7th Street to South 9th Street; Market Street from St. Helens Avenue to South 9th Street; South 4th Street from Stadium Way to Broadway; South 7th Street from Broadway to St. Helens Avenue.

[Ralph Rodriguez, LID Administrator; Kurtis D. Kingsolver, P.E., Director, Public Works]

### **Resolution No. 39655**

A resolution awarding a contract to Brown and Caldwell, Inc., in the amount of \$340,678, sales tax not applicable, budgeted from the Surface Water Fund, for engineering Owner's Advisor Services associated with the Jefferson and Hood Street Surface Water Interceptor Project through December 31, 2019 - Specification No. CT12-0001F.

[Geoffrey M. Smyth, P.E., Science and Engineering Division Manager; Michael P. Slevin III, P.E., Director, Environmental Services]

### **Resolution No. 39656**

A resolution awarding a contract to Orion Marine Contractors, Inc, in the amount of \$2,787,929, plus sales tax, budgeted from the Street Fund, for operation and maintenance of the Murray Morgan and Hylebos Bridges, for an initial three-year period, with the option to renew for two additional one-year periods, for a projected contract total of \$4,800,000 - Specification No. PW16-0522F.

[Chris E. Larson, P.E., Engineering Division Manager; Kurtis D. Kingsolver, P.E., Director, Public Works]

### **Resolution No. 39657**

A resolution authorizing the execution of Amendment No. 3 to the contract with HealthConnect Consulting, LLC, to extend the contract for professional medical and social work services in support of the TFD CARES program.

[Michael Fitzgerald, Assistant to the Chief, James P. Duggan, Fire Chief]

**Resolution No. 39658**

A resolution authorizing the execution of an agreement with Wilshire Associates, in the amount of \$612,100, budgeted from the Retirement Fund, for investment consulting services, from April 1, 2017, through March 31, 2020, with the option to renew for two additional one-year periods for a projected contract total of \$1,041,000.

[Tim Allen, Director, Retirement]

**Resolution No. 39659**

A resolution authorizing the execution of a lease agreement with Republic Parking Northwest, LLC, in the amount of \$155,000, depositing said sum into the Parking Enterprise Fund, for the office space located at 942 Pacific Avenue, to create a joint-use business office to support the City's parking system through December 31, 2019.

[Rich Price, Senior Real Estate Officer; Kurtis D. Kingsolver, P.E., Director, Public Works]

**Resolution No. 39660**

A resolution authorizing the execution of a Letter of Agreement with the City of Tacoma Washington, County and City Employees, Local 120, to create a new classification entitled Web Developer.

[Joy St. Germain, Director, Human Resources]

**Resolution No. 39661**

A resolution designating the Lincoln Revitalization Construction Outreach Project as a Special Project of Limited Duration, including the special project position and benefits, from March 1, 2017, through October 31, 2018.

[Carol Wolfe, Community and Economic Development Supervisor; Ricardo Noguera, Director, Community and Economic Development]

**Ordinance No. 28410**

An ordinance amending Chapter 2.02 of the Municipal Code, relating to the Building Code, to incorporate references to the Federal Emergency Management Agency Region X's updated Flood Insurance Rate Map which identifies Special Flood Hazard Areas within the City effective March 7, 2017.

[Sue Coffman, Building Official; Peter Huffman, Director, Planning and Development Services]



## RESOLUTION NO. 39654

1 A RESOLUTION relating to local improvement districts; setting Wednesday,  
2 March 29, 2017, at 9:00 a.m., as the date for a hearing before the City of  
3 Tacoma Hearing Examiner to confirm the final assessment roll for Local  
Improvement District (“LID”) 8645.

4 WHEREAS Local Improvement District (“LID”) 8645, commonly referred to  
5 as the Broadway LID, provided for the construction of permanent pavement,  
6 concrete curbs, gutters, reconstruction, repair, renewal of sidewalks, ornamental  
7 street lighting, landscaping, the renewing of shade and ornamental trees and  
8 shrubbery and the replacement and construction of surface water, wastewater and  
9 water mains, together with limited maintenance of the landscaping, along the  
10 following streets: Broadway, from South 2nd Street to South 9th Street; St. Helens  
11 Avenue, from South 7th Street to South 9th Street; Market Street, from St. Helens  
12 Avenue to South 9th Street; South 4th Street, from Stadium Way to Broadway; and  
13 South 7th Street, from Broadway to St. Helens Avenue, and  
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16 WHEREAS the work authorized by LID 8645 is complete, and

17 WHEREAS, pursuant to Sections 10.04.040 and 10.04.065 of the Tacoma  
18 Municipal Code and Sections 35.44.050 and 35.44.070 of the Revised Code of  
19 Washington, a public hearing shall be held in order to confirm the final assessment  
20 roll for LID 8645, and  
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22 WHEREAS this hearing will provide property owners an opportunity to file  
23 objections to their LID assessments, if so desired; Now, Therefore,  
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BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

Section 1. That Wednesday, March 29, 2017, at 9:00 a.m., is hereby fixed as the date and time, and the Council Chambers on the first floor of the Tacoma Municipal Building, 747 Market Street, in the City of Tacoma, as the place when and where said request will be heard by the Hearing Examiner and her recommendations thereafter transmitted to the Council of the City of Tacoma.

Section 2. That the Clerk of the City of Tacoma shall give proper notice of the time and place of said hearing.

Adopted \_\_\_\_\_

\_\_\_\_\_  
Mayor

Attest:

\_\_\_\_\_  
City Clerk

Approved as to form:

\_\_\_\_\_  
Deputy City Attorney



## RESOLUTION NO. 39655

1 A RESOLUTION related to the purchase of materials, supplies or equipment,  
2 and the furnishing of services; authorizing the execution of a contract  
3 with Brown and Caldwell, Inc., in the amount of \$340,678, sales tax not  
4 applicable, budgeted from the Surface Water Fund, for engineering  
5 Owner's Advisor Services associated with the Jefferson and Hood Street  
6 Surface Water Interceptor Project through December 31, 2019, pursuant  
7 to Specification No. CT12-0001F.

8 WHEREAS the City has complied with all applicable laws and processes  
9 governing the acquisition of those supplies, and/or the procurement of those  
10 services, inclusive of public works, as is shown by the attached Exhibit "A,"  
11 incorporated herein as though fully set forth, and

12 WHEREAS the Board of Contracts and Awards has concurred with the  
13 recommendation for award as set forth in the attached Exhibit "A"; Now,  
14 Therefore,

15 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

16 Section 1. That the Council of the City of Tacoma concurs with the  
17 Board of Contracts and Awards to adopt the recommendation for award as set  
18 forth in the attached Exhibit "A."

19 Section 2. That the proper officers of the City are hereby authorized to  
20 enter into a contract with Brown and Caldwell, Inc., in the amount of \$340,678,  
21 sales tax not applicable, budgeted from the Surface Water Fund, for  
22 engineering Owner's Advisor Services associated with the Jefferson and Hood  
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1 Street Surface Water Interceptor Project through December 31, 2019, pursuant  
2 to Specification No. CT12-0001F, consistent with Exhibit "A."

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4 Adopted \_\_\_\_\_

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Mayor

7 Attest:

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City Clerk

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11 Approved as to form:

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Acting City Attorney

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## RESOLUTION NO. 39656

1 A RESOLUTION related to the purchase of materials, supplies or equipment,  
2 and the furnishing of services; authorizing the execution of a contract  
3 with Orion Marine Contractors, Inc., in the amount of \$2,787,929, plus  
4 sales tax, budgeted from the Street Fund, for operation and maintenance  
5 of the Murray Morgan and Hylebos Bridges, for an initial three-year  
6 period, with the option to renew for two additional one-year periods, for a  
7 projected contract total of \$4,800,000, pursuant to Specification  
8 No. PW16-0522F.

9 WHEREAS the City has complied with all applicable laws and processes  
10 governing the acquisition of those supplies, and/or the procurement of those  
11 services, inclusive of public works, as is shown by the attached Exhibit "A,"  
12 incorporated herein as though fully set forth, and

13 WHEREAS the Board of Contracts and Awards has concurred with the  
14 recommendation for award as set forth in the attached Exhibit "A"; Now,  
15 Therefore,

16 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

17 Section 1. That the Council of the City of Tacoma concurs with the  
18 Board of Contracts and Awards to adopt the recommendation for award as set  
19 forth in the attached Exhibit "A."

20 Section 2. That the proper officers of the City are hereby authorized to  
21 enter into a contract with Orion Marine Contractors, Inc., in the amount of  
22 \$2,787,929, plus sales tax, budgeted from the Street Fund, for operation and  
23 maintenance of the Murray Morgan and Hylebos Bridges, for an initial three-year  
24 period, with the option to renew for two additional one-year periods, for a projected  
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1 contract total of \$4,800,000, pursuant to Specification No. PW16-0522F, consistent  
2 with Exhibit "A."

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4 Adopted \_\_\_\_\_

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Mayor

7 Attest:

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City Clerk

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11 Approved as to form:

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Acting City Attorney

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## RESOLUTION NO. 39657

1 A RESOLUTION related to the purchase of materials, supplies or equipment,  
2 and the furnishing of services; authorizing the execution of Amendment  
3 No. 3 to Contract No. 4600008328 with HealthConnect Consulting, LLC,  
4 to extend the contract to continue providing professional medical and  
5 social work services in support of the TFD CARES program.

6 WHEREAS the City has complied with all applicable laws and processes  
7 governing the acquisition of those supplies, and/or the procurement of those  
8 services, inclusive of public works, as is shown by the attached Exhibit "A,"  
9 incorporated herein as though fully set forth, and

10 WHEREAS the City wishes to extend the time for the HealthConnect  
11 Consulting agreement, with no additional increase in funding, and

12 WHEREAS the Board of Contracts and Awards has concurred with the  
13 recommendation for award as set forth in the attached Exhibit "A"; Now,

14 Therefore,

15 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

16 Section 1. That the Council of the City of Tacoma concurs with the  
17 Board of Contracts and Awards to adopt the recommendation for award as set  
18 forth in the attached Exhibit "A."

19 Section 2. That the proper officers of the City are hereby authorized to  
20 enter into Amendment No. 3 to Contract No. 4600008328 with HealthConnect  
21 Consulting, LLC, to extend the contract to continue providing professional  
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1 medical and social work services in support of the TFD CARES program,  
2 consistent with Exhibit "A."

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4 Adopted \_\_\_\_\_

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Mayor

7 Attest:

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City Clerk

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11 Approved as to form:

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City Attorney

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## RESOLUTION NO. 39658

1 A RESOLUTION relating to the Tacoma Employees' Retirement System;  
2 authorizing the execution of an agreement with Wilshire Associates for  
3 investment consulting services for the period of April 1, 2017, through  
4 March 31, 2020, for an estimated three-year amount of \$612,100, with the  
option to renew for two additional one-year periods, for a projected  
cumulative total of \$1,041,000, budgeted from the Retirement Fund.

5 WHEREAS the Board of Administration ("Board") of the Tacoma  
6 Employees' Retirement System ("TERS") is responsible for the proper and prudent  
7 investment of the funds for TERS, and  
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9 WHEREAS the Board finds it necessary to employ a consultant to provide  
10 pension and investment consulting services for the Board, and  
11

12 WHEREAS Wilshire Associates ("Wilshire") currently provides investment  
13 consulting services to TERS pursuant to an agreement which will expire on  
14 March 31, 2017, and

15 WHEREAS the Board, at its meeting held on October 13, 2016, approved a  
16 motion to enter into a subsequent agreement with Wilshire to continue providing  
17 these services, and  
18

19 WHEREAS the agreement is for a three-year period, from April 1, 2017,  
20 through March 31, 2020, for an estimated three-year amount of \$612,100, and  
21 includes an option to renew for two additional one-year periods, for a projected  
22 cumulative total of \$1,041,000, budgeted from the Retirement Fund, and  
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24 WHEREAS it appears to be in the best interests of the City and TERS to  
25 enter into such agreement; Now, Therefore,  
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BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

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That the Board of Administration of the Tacoma Employees' Retirement System is hereby authorized to enter into an agreement with Wilshire Associates for investment consulting services for the period of April 1, 2017, through March 31, 2020, in the estimated three-year amount of \$612,100, with the option to renew for two additional one-year periods, for a projected cumulative total of \$1,041,000, budgeted from the Retirement Fund, said document to be substantially in the form of the agreement on file in the office of the City Clerk.

Adopted \_\_\_\_\_

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Mayor

Attest:

\_\_\_\_\_  
City Clerk

Approved as to form:

\_\_\_\_\_  
Deputy City Attorney



## RESOLUTION NO. 39659

1 A RESOLUTION relating to the leasing of real property; authorizing the  
2 execution of a lease agreement with Republic Parking Northwest, LLC, in  
3 the amount of \$155,000, for office space located at 942 Pacific Avenue,  
to create a joint-use business office to support the City's Parking System.

4 WHEREAS, on June 21, 2016, the City Council adopted Resolution  
5 No. 39471, which awarded a contract to Construct, Incorporated, for interior tenant  
6 improvements of leasable office space in the North Parking Garage facility located  
7 at 942 Pacific Avenue, and

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9 WHEREAS the City intends to lease a portion of the space to Republic  
10 Parking Northwest, LLC, and

11 WHEREAS the monthly base rent is based on market rates, and will be  
12 \$4,300 for the initial term, through December 31, 2017, and may increase annually  
13 beyond the initial term based on the Consumer Price Index, and

14  
15 WHEREAS the lease agreement will terminate on December 31, 2019, and

16 WHEREAS the lease will energize a currently under-utilized City space  
17 which has been vacant for nearly ten years, as well as provide a centralized  
18 location for Tacoma's Parking System management, and

19  
20 WHEREAS revenues will be deposited into the Parking Enterprise Fund to  
21 provide a return on investment for the tenant improvement expenses; Now,

22 Therefore,

23 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

24 That the proper officers of the City are hereby authorized to enter into a  
25 lease agreement with Republic Parking Northwest, LLC, in the cumulative amount  
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of \$155,000, for office space located at 942 Pacific Avenue, for the purpose of creating a joint-use business office to support the City's Parking System, said agreement to be substantially in the form of the document on file in the office of the City Clerk.

Adopted \_\_\_\_\_

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Mayor

Attest:

\_\_\_\_\_  
City Clerk

Approved as to form:

\_\_\_\_\_  
Deputy City Attorney



## RESOLUTION NO. 39660

1 A RESOLUTION relating to collective bargaining; authorizing the execution of  
2 a Letter of Agreement negotiated between the City of Tacoma and the  
City of Tacoma, Washington, County and City employees, Local 120.

3 WHEREAS the City has, for years, adopted the policy of collective  
4 bargaining between the various labor organizations representing employees  
5 and the administration, and

6  
7 WHEREAS Resolution No. 38968, adopted July 22, 2014, authorized  
8 the execution of the 2013-2016 Collective Bargaining Agreement ("CBA")  
9 between the City of Tacoma and the City of Tacoma, Washington, County  
10 and City employees, Local 120 ("Union"), on behalf of the employees  
11 represented by said Union, and

12  
13 WHEREAS the City and Union have negotiated a Letter of  
14 Agreement ("LOA") to the CBA which provides for a new classification to be  
15 titled "Web Developer," which will be classified, represented by the Union, and  
16 eligible for overtime, and

17  
18 WHEREAS it appears in the best interest of the City that the LOA  
19 negotiated by said Union and the City be approved; Now, Therefore,

20 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

21 That the proper officers of the City are hereby authorized to execute  
22 the Letter of Agreement negotiated between the City of Tacoma and the City  
23 of Tacoma, Washington, County and City employees, Local 120, said

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1 document to be substantially in the form of the document on file in the office  
2 of the City Clerk.

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4 Adopted \_\_\_\_\_

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Mayor

7 Attest:

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City Clerk

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11 Approved as to form:

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Deputy City Attorney

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## RESOLUTION NO. 39661

1 A RESOLUTION relating to a Special Project; designating the Lincoln  
2 Revitalization Construction Outreach Project as a special project of  
3 limited duration; designating general salary classifications and benefits  
4 for persons employed on the project pursuant to Tacoma Municipal  
5 Code 1.24.187 and Tacoma City Charter 6.1(h).

6 WHEREAS the City's Community and Economic Development  
7 Department ("CEDD") currently employs a temporary Program Technician fluent  
8 in Vietnamese to assist with staffing the Lincoln Project Office, and to effectively  
9 engage with Vietnamese business owners and property owners about economic  
10 development and other City services, and

11 WHEREAS this position plays a key role in developing relationships and  
12 communicating with stakeholders to leverage the City's public investments in  
13 order to bring about desired private investment and ensure that the Lincoln  
14 Business District remains vibrant for the community, and

15 WHEREAS the Lincoln Neighborhood Revitalization Project has an  
16 infrastructure improvement component that will begin construction in March 2017,  
17 and

18 WHEREAS CEDD desires to designate the Lincoln Revitalization  
19 Construction Outreach Project ("Project") as a special project of limited duration,  
20 to begin on March 1, 2017, and end no later that October 31, 2018, and

21 WHEREAS one full-time employee is anticipated to be employed, and

22 WHEREAS, if approved, the temporary Program Technician currently  
23 filling this role will transition into the new Project position, and  
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WHEREAS Project staff will perform work necessary to communicate to the surrounding community, in partnership with the Public Works project manager, construction impacts, opportunities, and timelines, as well as information on City services and opportunities for redevelopment and business growth within the District, and

WHEREAS, pursuant to the provisions of Tacoma Municipal Code 1.24.187 and Tacoma City Charter 6.1(h), employees who are not regular employees and are hired as special project employees are unclassified and paid as provided for by ordinance or resolution of the City Council; Now, Therefore,

**BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:**

Section 1. That the Lincoln Revitalization Construction Outreach Project is hereby designated as a special project of limited duration, to begin on March 1, 2017, and end no later than October 31, 2018.

Section 2. That, in accordance with the provisions of Tacoma Municipal Code ("TMC") 1.24.187 and Tacoma City Charter 6.1(h), employees who have been hired or may be hired for positions expected to be of limited duration shall be designated as unclassified special project employees as of the date of hire.

Section 3. That the salaries and classifications set forth in the Compensation Plan of the City of Tacoma for permanent employees, or the closest classifications, shall be applied, contingent upon funding, to similar positions of the special project. The Compensation Plan is incorporated herein by reference as if fully set forth.



1 Section 4. That employees who have been hired or may be hired as  
2 special project employees herein shall receive benefits in accordance with and  
3 pursuant to the provisions of the Compensation Plan of the City of Tacoma.  
4 They shall be given a one-time binding and irrevocable election to participate in  
5 the City's Retirement System pursuant to TMC 1.30. Special project employees  
6 hired to work on the identified special project shall not be eligible for longevity  
7 pay; and further, that should any current regular employee eligible for longevity  
8 pay be assigned to the special project, the employee so assigned shall continue  
9 to be eligible for longevity pay and shall become or remain a member of the  
10 City's Retirement System pursuant to any applicable provisions of TMC 1.30,  
11 and contributions shall be paid therein by the City pursuant to TMC 1.30.360.

13 Section 5. That, inasmuch as the positions to be filled pursuant to this  
14 resolution are of a temporary nature and are unique in that they pertain only to  
15 the aforementioned special project, they are deemed unclassified, temporary  
16 positions of limited duration and persons so employed in such positions shall  
17 have no claim to further or continued employment with the City of Tacoma after  
18 cessation of such special project or after cessation of activities funded by said  
19 program, except pursuant to obtaining status as regular City of Tacoma  
20 employees under the provisions of the TMC or pursuant to further action of the  
21 City Council relating to this special project.

24 Section 6. That all acts by agents or employees of the City consistent  
25 herewith are hereby ratified.

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Section 7. That the City Manager is hereby authorized to direct the

appropriate City officers to proceed with the necessary actions for the  
completion of this special project.

Adopted \_\_\_\_\_

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Mayor

Attest:

\_\_\_\_\_  
City Clerk

Approved as to form:

\_\_\_\_\_  
Deputy City Attorney



## ORDINANCE NO. 28410

1 AN ORDINANCE relating to the Building Code; amending Chapter 2.02 of the  
2 Tacoma Municipal Code by amending Sections 2.02.185 and 2.02.590  
3 thereof, to incorporate references to FEMA Region X's updated Flood  
4 Insurance Rate Map which identifies Special Flood Hazard Areas within  
5 the City, to become effective March 7, 2017.

6 WHEREAS, on December 1, 1983, the Department of Homeland Security,  
7 Federal Emergency Management Agency ("FEMA"), issued a Flood Insurance  
8 Rate Map ("FIRM") that identified Special Flood Hazard Areas, which are areas  
9 subject to inundation by base floods (1 percent annual chance) within the City of  
10 Tacoma and surrounding communities, and

11 WHEREAS the City has been enforcing the 1983 FIRM map since  
12 March 25, 1987, and

13 WHEREAS FEMA recently completed a reevaluation of flood hazards for  
14 these areas, and on December 19, 2014, issued preliminary copies of the FIRM  
15 and Flood Insurance Study ("FIS") which identify existing flood hazards and Base  
16 Flood Elevations ("BFEs"), and

17 WHEREAS the proposed flood hazard determinations were published in the  
18 News Tribune and Federal Register, and the statutory 90-day appeal period has  
19 ended with no appeals; therefore, the final rule for these flood hazard  
20 determinations will become effective on March 7, 2017, and

21 WHEREAS, in order to comply with requirements under the National Flood  
22 Insurance Act of 1967 and to continue eligibility in the National Flood Insurance  
23 Program, the City is required to adopt the current floodplain management  
24 regulations, which regulations are contained in TMC Chapter 2.02, Building Code,  
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WHEREAS the 2017 FIRM maps include higher BFEs in coastal areas, which will require that buildings and structures be built at higher elevations, and

WHEREAS some coastline flood zones are changing from V zone to Coastal A zone, which will provide relief from additional flood zone construction standards for these zones, and

WHEREAS the 2017 FIRM maps do not include the Puyallup Levee Overtopping Layer, because this part of the flood study is in litigation and may be adjusted based on additional studies that FEMA is completing in this area, and

WHEREAS, as the flood study will likely be completed within a few years and will likely incorporate most of the area of the Puyallup Levee Overtopping Layer in its current boundaries, PDS staff is recommending inclusion of the Puyallup Levee Overtopping Layer as a Special Flood Hazard Area that the City will enforce with its flood zone regulations, and

WHEREAS the proposed amendments were presented to the Building Board of Appeals on February 2, 2017, and the Infrastructure, Planning, and Sustainability Committee on February 8, 2017, and were recommended for consideration by the City Council; Now, Therefore,



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BE IT ORDAINED BY THE CITY OF TACOMA:

Section 1. That Chapter 2.02 of the Tacoma Municipal Code, Building Code, is hereby amended at Sections 2.02.185 and 2.02.590, as set forth in the attached Exhibit "A."

Section 2. That Section 1 shall become effective on March 7, 2017.

Passed \_\_\_\_\_

\_\_\_\_\_  
Mayor

Attest:

\_\_\_\_\_  
City Clerk

Approved as to form:

\_\_\_\_\_  
Deputy City Attorney

## EXHIBIT “A”

### Chapter 2.02 BUILDING CODE

#### 2.02.185 Amendment to IBC Section 1612.3 – Establishment of Flood Hazard Areas.

1612.3 Establishment of Flood Hazard Areas. The City of Tacoma hereby adopts the most recent flood study and accompanying flood insurance rate map(s) (FIRM) with any revisions thereto for Pierce County, Washington and Incorporated Areas published by Federal Emergency Management Agency Region X that delineate areas of special flood hazards maps and include the risk premium zones applicable to the City of Tacoma. The City of Tacoma also additionally adopts the Puyallup Levee Overtopping layer established by the supporting data from the 1983 and 2007 FEMA Region X Flood Insurance Study and accompanying Flood Insurance rate maps for Pierce County, Washington and Incorporated Areas, as amended or revised with accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Map (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data area hereby adopted by reference and declared to be part of this section.

Where the flood insurance map and studies do not provide adequate information-, the City, through Planning and Development Services, shall consider and interpret information produced by the Army Corps of Engineers, Natural Resource Conservation Service, Department of Housing and Urban Development, or any other qualified person or agency to determine the location of the Flood Hazard areas and Coastal High Hazard Areas. Designation as Coastal A Zone(s) shall be determined by the maps on file with City of Tacoma Planning and Development Services Permit Services.

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**2.02.590 Amendment to IRC Table R301.2 (1) – Climatic and geographic design criteria.**

TABLE R301.2 (1)

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

ROOF SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP <sup>c</sup>	ICE BARRIER UNDER-LAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>g</sup>	AIR FREEZING INDEX <sup>i</sup>	MEAN ANNUAL TEMP <sup>j</sup>
	Speed <sup>d</sup> (mph)	Topographic effects <sup>k</sup>	Special wind region <sup>l</sup>	Wind-borne debris zone <sup>m</sup>		Weathering <sup>a</sup>	Frost line depth <sup>b</sup>	Termite <sup>c</sup>					
25	110	K <sub>z</sub> =2	No	No	D <sub>1</sub>	Moderate	12 in	Moderate to Heavy	20° F	No	Adoption: 3/25/1986; Flood Insurance Studies: <a href="#">1983 &amp; 2007 2017 FIRM and Puyallup Levee Overtopping layer from 2007 FIRM map</a>	350	50° F

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

- a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index “negligible,” “moderate” or “severe” for concrete as determined from Figure R301.2 (3). The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.
- b. The frost line depth may require deeper footings than indicated in Figure R403.1 (1). The jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.
- c. The jurisdiction shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2 (4)A]. Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.
- e. The outdoor design dry-bulb temperature shall be in accordance with the Washington State Energy Code, as adopted and amended by the City of Tacoma in TMC Chapter 2.10.

- f. The jurisdiction shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1.
- g. The jurisdiction shall fill in this part of the table with (a) the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study, and (c) the panel numbers and date(s) of all currently effective FIRMs and FBFMs, or other flood hazard map adopted by the community, as amended.
- h. In accordance with Sections R905.1.2, R905.5.3.1, R905.7.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."
- i. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99%) value on the National Climatic Data Center data table "Air Freezing Index- USA Method (Base 32°Fahrenheit)".
- j. The jurisdiction shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°Fahrenheit)".
- k. Topographical effects shall be considered by performing a topographical analysis or using the topographical effects as published on the City of Tacoma Web Site. The appropriate KZT factor shall be applied and the analysis shall be in accordance with the provisions of the International Building Code and/or ASCE 7-05.