



WEEKLY REPORT TO THE CITY COUNCIL

June 8, 2017

Members of the City Council
City of Tacoma, Washington

Dear Mayor and Council Members:

ITEMS OF INTEREST

1. The Tacoma Fire Department (TFD) has received the American Heart Association's Mission: Lifeline® EMS Gold Award, their program's highest level of recognition, for implementing operational and quality improvement procedures that expedite treatment of patients who experience severe heart attacks.

Every year, more than 250,000 people nationwide experience a heart attack caused by a complete blockage of blood flow to the heart. TFD was recognized for its early and accurate interpretation of 12-lead electrocardiograms (ECGs), which can determine if a heart attack is occurring, and for following EMS protocols derived from national guidelines. The correct tools and training allow firefighter-paramedics to alert the hospitals that an incoming patient will need immediate treatment in a cardiac lab.

2. Public Works Director Kurtis Kingsolver provides the attached memorandum with a **progress update on the work accomplished in 2015 and 2016 utilizing funds provided through the Tacoma Transportation Benefit District (TBD).**
3. In addition, Public Works Director Kurtis Kingsolver provides an **update on the conversion of approximately 75 percent of the City's aging streetlights to energy efficient LED fixtures.** LED fixtures provide a number of benefits including:
 - Significant reduction in energy consumption/maintenance costs;
 - Reduction in light pollution with better light distribution control; and
 - Increased roadway safety.

The Public Works Department and Tacoma Public Utilities Power Division have been working together on this project and estimate the project to be completed by end of 2018.

4. Attached for your information is a list of **important themes** that staff **identified while attending recent Neighborhood Council meetings.** This list does not include all issues addressed by Neighborhood Councils, nor is it a list of priority issues as selected by the Neighborhood Councils. The issues identified were selected by staff as themes that should be brought to the attention of the City Manager and City staff.

STUDY SESSION/WORK SESSION

5. **The Joint City Council/Metropolitan Park Board of Commissioners Study Session** of Tuesday, June 13, 2017, will be held in Room 16 of the Tacoma Municipal Building North, at Noon. Discussion item will include: (1) **City of Tacoma and Metro Parks Tacoma Master Interlocal Agreement Update**. Immediately following the Joint Study Session, there will be a regular Council Study Session. Discussion items include: (1) **Washington State Legislative Updates**; (2) **Other Items of Interest**; (3) **Committee Reports**; and, (4) **Agenda Review and City Manager's Weekly Report**.

At Tuesday's Joint Study Session, the City of Tacoma and Metro Parks Tacoma (MPT) Executive Administration Teams will present to the joint Council-Board a **report on 2016 accomplishments related to the 10-year master interlocal agreement, as well as the 2017 – 2018 Work Plan** as recommended by the Parks Policy Group. The Parks Policy Group is comprised of Council Members Blocker and Campbell from the City and Board President Smith and Board Clerk Pointer from MPT. The work plan summarizes all open policy issues, items potentially needing future approval by the respective agencies' policy boards, and identifies key projects and initiatives. Work plan objectives are assigned to five (5) working group teams who meet as needed, come together quarterly through the Interagency Coordinating Committee (ICC), and report to the Executive Administration team (contract managers) via the ICC. A monthly meeting of the Executive Administration team ensures work plan items and significant operational issues are addressed on an ongoing basis.

During the regular Council Study Session on Tuesday, **Government Relations Officer Randy Lewis will provide the City Council an update on the Washington State Regular and Special Legislative Sessions.**

6. The updated **Tentative City Council Forecast and Consolidated Standing Committee Calendars** are attached for your information.

MARK YOUR CALENDARS

7. You have been invited to the following events:
 - **Festival of Sail** maritime event featuring tall ships on the Foss Waterway starting Thursday, June 15th through Sunday, June 18th. Schedule and map available at <http://festofsailtacoma.com>.

- **World Trade Center Tacoma's Global Engagement and the State of Trade Luncheon on Friday, June 16th, 11:30 a.m. to 1:00 p.m.**, at the Hotel Murano, located at 1320 Broadway Plaza.
- **Korean Women's Association 2nd Annual Taste of Korea, on Friday, June 23rd, at 5:30 p.m.**, at the Star Center, located at 3873 South 66th Street.
- **Centennial Anniversary of Regence BlueShield on Wednesday, June 28th, 5:30 p.m. social hour and 7:00 p.m. dinner**, at the Foss Waterway Seaport, located at 705 Dock Street.
- **Samoa Cultural Day on Saturday, July 8th, 8:00 a.m. to 6:00 p.m.**, at Clover Park High School - Harry Lang Stadium, 11023 Gravelly Lake Drive SW.
- **University of Washington Tacoma Summer Soiree on Saturday, July 29th, 6:30 to 9:00 p.m.**, on the Prairie Line Trail, located at 1900 Commerce Street.

Sincerely,



Mark Lauzier
Acting City Manager

MRL:crh
Attachments



TO: Elizabeth A. Pauli, City Manager
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer *KDK*
COPY: Mark Lauzier, Assistant City Manager
SUBJECT: Tacoma Transportation Benefit District 2015-2016 Progress Report
DATE: June 6, 2017

The Public Works Department is providing the progress update for work accomplished in 2015 and 2016 utilizing funds provided through the Transportation Benefit District (TBD).

The following table summarizes the amended 2015-2016 budget, expenditures, and the highlights of the work performed for each program identified in Exhibit A of Resolution No. TBD 013, which was adopted by the TBD Board on February 2, 2016.

**Tacoma Transportation Benefit District
2015-2016 Progress Report**

Program	Budget	Expenditures ¹	Highlights ²
Street Rehabilitation	\$ 7,082,894	\$ 6,839,790	16.1 Lane Miles of Arterial Surface Treatment 108 Blocks of Residential Surface Treatment 96 Blocks of Residential Overlay 108 Blocks of Residential Preventative Maintenance
Non-motorized	\$ 530,000	\$ 756,435	263 ADA Compliant Curb Ramp Upgrades
Traffic Signal	\$ 60,000	\$ 57,496	4 Traffic Signal Detection Improvement Projects
Totals	\$7,672,894	\$ 7,653,721	

Please contact me at (253) 591-5269 should you have any questions.

¹ An overhead rate (13.5%) was applied to account for assessments and other administrative expenses that are not captured in program/project work orders.

² In addition to maintenance projects, TBD funds were also used to support other transportation improvement projects such as the Pioneer Way Barrier repair, South Tacoma Way Multimodal project, and South 48th St & Tacoma Mall Blvd. paving project.



TO: Elizabeth A. Pauli, City Manager
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer *KDK*
CC: Mark Lauzier, Assistant City Manager
Chris Robinson, Tacoma Power, Power Superintendent/COO
SUBJECT: LED Streetlight Conversion Project Update
DATE: June 1, 2017

BACKGROUND:

The Public Works Department and Tacoma Public Utilities Power Division are working together to convert approximately 75 percent (16,300) of the City's aging streetlights to energy efficient Light Emitting Diode (LED) fixtures.

LED fixtures provide a number of benefits including:

- Significant reduction in energy consumption/maintenance costs;
- Reduction in light pollution with better light distribution control; and
- Increased roadway safety.

The project team will issue a request for bids for the LED fixtures in early June 2017. A separate advertisement for the installation contract will follow in the next couple of months. The proposed LED project schedule estimates completion by the end of 2018.

ISSUE:

Public Works has received various inquiries from concerned citizens and business owners regarding potential health hazards generated from LED streetlights. The concerns were generated from a 2016 American Medical Association (AMA) article on the potential environmental and health hazards from LED streetlights. Public Works listened to their concerns, reviewed lighting options, and has now selected the best LED fixture for each roadway type.

The focus of the AMA article is the effects of glare and light trespass. The majority of the article is understood and accepted throughout the lighting design community; however, the AMA recommendation for the streetlight color temperature has been extremely controversial.

Color temperature is expressed in kelvins (K). Color temperatures over 5000K are called cool colors (bluish white), while lower color temperatures (2700–3000K) are called warm colors (yellowish white through red). Higher temperature lights, with more blue light, can increase the impacts of glare. To minimize the effect of the color temperature on glare, the AMA article encourages the use of streetlights with a color temperature equal to or below 3000K.

FIXTURES SELECTED:

The project team spent the past several months researching the color temperature issue. Staff reviewed the AMA article and independent studies, discussed the issue with other agencies, and sought input from lighting design professionals.

Public Works found that the AMA recommendation of utilizing 3000K fixtures is appropriate for residential/local streets and will adequately provide for traffic safety. However, for higher speed

arterial streets, Public Works has specified the use of 4000K fixtures to provide for the required level of traffic safety.

RATIONALE FOR ARTERIAL FIXTURE SELECTION:

The rationale for utilizing the 4000K fixtures on the arterial streets is based on three elements:

1. Minimizing glare through design and fixture selection;
2. Increased night visibility and object detection distance; and
3. New fixtures will actually emit less “blue light” than existing arterial fixtures.

Glare Reduction: The AMA article is partially based off of early LED installations. Technology has rapidly evolved over the past few years. New fixtures recently introduced to the market have significantly improved light control. In recognition of glare concerns, staff has identified strict design and performance criteria to select fixtures that minimize glare and light trespass.

Night Time Visibility: The AMA article failed to take into consideration some of the design benefits associated with the various higher temperature lights available. A study in Seattle documented how fixture color temperature can affect how far in advance drivers can detect objects. The study found the best color temperature for night time object detection is around 4000K, approximately the same color temperature as moonlight. Properly designed 4000K fixtures can improve object detection distance by 1½ times over 3000K fixtures.

Quantity of Blue Light: All streetlights emit some light within the blue spectrum. While the percentage of blue light emitted is indeed higher in the new LED fixtures, the intensity is significantly less than existing fixtures. Normalized by intensity, the proposed arterial 4000K LED fixtures will emit 12 to 17 percent less blue light than the existing arterial high-pressure sodium fixtures.

To help better educate the public on what type of LED fixtures were selected and why, Public Works and Tacoma Public Utility staff are collaborating on a project website designed to provide information regarding fixture selection and best practices and will also provide a forum for citizens to ask questions and provide comments. The website will provide information pertaining to the schedule and work areas and will be updated regularly.

LINKS TO SUPPORTING DOCUMENTATION:

June 2016 AMA Article regarding LED Streetlights:

http://darksky.org/wp-content/uploads/bsk-pdf-manager/AMA_Report_2016_60.pdf

Northwest Energy Efficiency Alliance (NEEA) – Seattle Study:

<https://neea.org/docs/default-source/reports/seattle-led-adaptive-lighting-study.pdf>

Department of Energy (DOE) paper regarding blue light:

<https://www1.eere.energy.gov/buildings/ssl/pdfs/true-colors.pdf>

Neighborhood Council Districts

May 1-31, 2017

Neighborhood Council Districts in the City of Tacoma are assigned a liaison from the City Manager's Office. City Manager's Office Liaisons report on important issues to the Neighborhood Councils, facilitate communication between Neighborhood Councils and other City staff, and keep the City Manager informed of issues that are important to the Neighborhood Councils. Monthly reports are provided the 1st Monday of each month during Executive Forum.

Listed below are important themes that were identified while attending recent Neighborhood Council meetings. This list does not include all issues addressed by Neighborhood Councils nor is it a list of priority issues as selected by the Neighborhood Councils. The issues identified below were selected as themes that should be brought to the attention of the City Manager and City staff with noteworthy agenda items indicated as such.

Neighborhood Specific Theme

Community Council (*Carol Wolfe, CED*)

- No meeting in May – NUSA attendance
- Innovative Grant Summary
- Program Ordinance and Administrative Guideline Review for 2018

Cross District Association (*Shari Hart, CED*)

- Homelessness – impacts on businesses
- Plastic Bag Ban presentation
- Tacoma Police Citizens Academy
- Council Elections (need for business person)

Central (*Rebecca Boydston, CMO*)

- Agenda: CM Blocker provided update including addressing Mayor's declaration of emergency regarding homelessness
- Agenda: Public Works update on streets initiative money
- Agenda: Infill pilot program update
- Questions on city manager process and method for public feedback after the forum

Eastside (*Rebecca Boydston, CMO*)

- Agenda: Lyon Elementary School construction update, construction project E 40th from McKinley to Portland/East Howe St from E. 40th-E 38th
- Questions/comments on homeless state of emergency, safety/speeding around schools, flashing beacons, city manager search

New Tacoma (*India Adams, CMO*)

- Residential Housing Infill Program
- City Manager Interviews and Meet and Greets
- May 16th Planning Commission meeting and identified key issues

North End (*David Nash-Mendez, CMO*)

- Resident of 36th wants sidewalk improvements. Has been told that the street receives no regular funds as it is an arterial but receives no arterials funds as it has low traffic
- Discontent expressed with format of Planning Forum not being interactive
- Concerns about whether fire stations seismically retrofitted
- Request for better follow-up from homelessness outreach coordinator

Northeast Tacoma (*Brad Forbes, CMO*)

- Questions for the City related to homelessness delivered by CM Mello
- Discussion of the Port Subarea Planning Process w/ CM Mello

West End (*India Adams, CMO*)

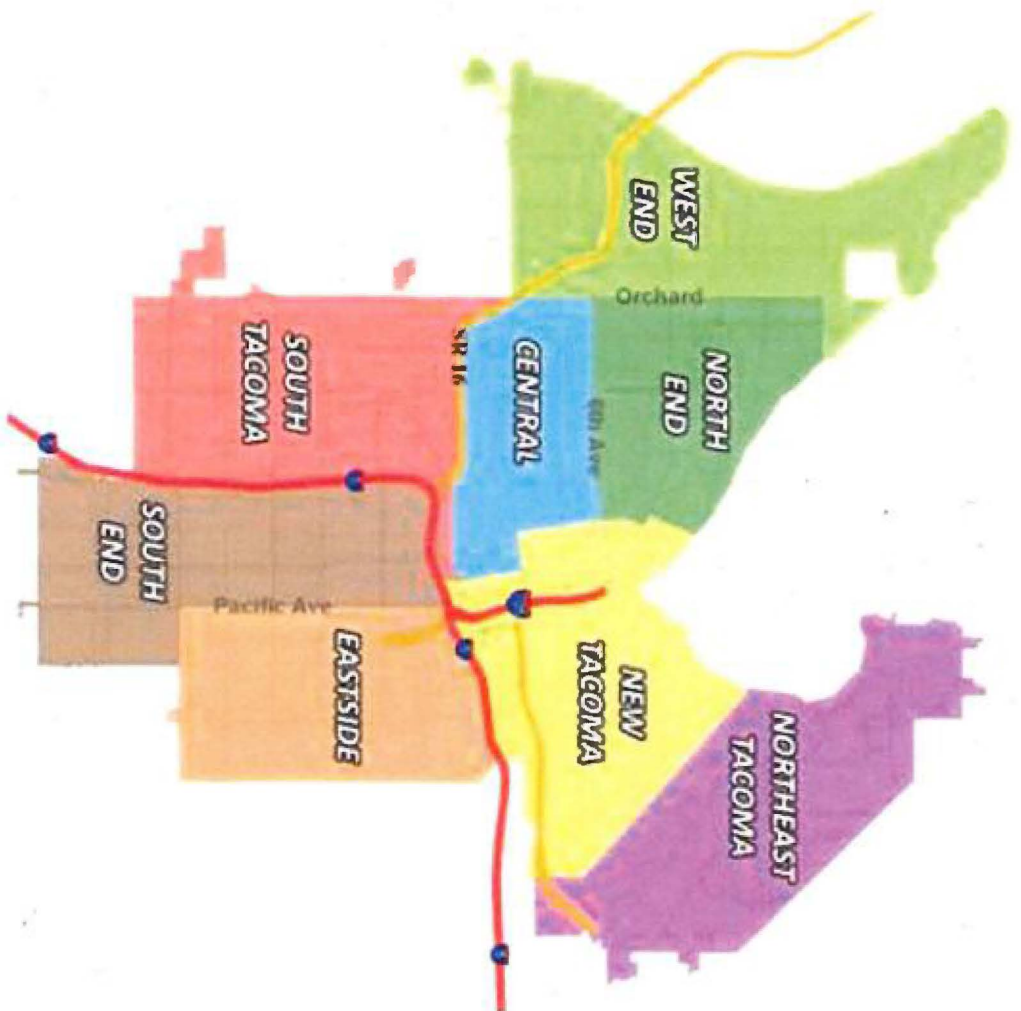
- Agenda: Smelter Plume Project Update

South End (*David Nash-Mendez, CMO*)

- Presentation from PW on Streets Initiative
- Agenda: Mary Lyon Elementary Construction

South Tacoma (*Brad Forbes, CMO*)

- Request for more information on the City's solutions to state of emergency declaration
- Request for TPD Open Data to be able to compare neighborhood councils or sectors to each other
- Questions related to TPD and immigration status
- Discussion on how to better inform community on actions/policies taken by council
- Speeding concerns around Mount Tahoma HS
- Request for SEIS letter from LNG opponents
- Agenda: Infill Housing Pilot



**City of Tacoma 2017
City Council Forecast Schedule**

Date	Meeting	Subject	Department	Background
June 13, 2017	Joint Metro Parks Study Session	City/Metro Parks Master Interlocal Agreement Update	COT/MPT	City and Metro Parks Master Interlocal Agreement accomplishments, 2017-2018 Work Plan & next steps
	Regular Council Study Session	Washington State Legislative Updates	GRO	Government Relations Officer will provide an update on the WA State Legislative Session
	City Council Meeting			
June 20, 2017	Study Session	Air Quality Permitting and Testing in the Tideflats Area	Puget Sound Clean Air Agency/ESD	PSCAA will provide a briefing on air quality permitting and testing in the Tideflats area
	City Council Meeting			
June 27, 2017	Study Session	Pierce Transit High Capacity Transit Corridor Briefing	Pierce Transit	PT High Capacity Transit Corridor Proj, 14.4 mile corridor from Tacoma Dome Station past the Roy Y
	City Council Meeting			

**City of Tacoma 2017
City Council Forecast Schedule**

Date	Meeting	Subject	Department	Background
July 4, 2017	CANCELLED			
July 11, 2017	Study Session	Pierce County Prosecuting Attorney's Office Community Initiatives	Pierce County Prosecutor Mark Lindquist	PC Prosecutor's Office will share their community initiatives that relate to the City's Tacoma 2025 focus area of Health and Safety for our community.
	City Council Meeting			
July 18, 2017	Study Session	Tacoma Smelter Plume Project Update	PDS/WSDOE	Update on Tacoma Smelter Plume soils samples, cleanups, and long term education plan
		State Environmental Policy Act - Environmental Impact Statement Process	PDS	General overview of the SEPA-EIS Process (101-introduction) to include timelines and required depth of the review.
	City Council Meeting			
July 25, 2017	Study Session	Links to Opportunity Project Update	PDS	Update on project established in 2016 to involve the local community in both streetscape planning and expanding economic opportunities for residents along the Tacoma Link Expansion corridor.
	City Council Meeting			

Community Vitality and Safety				
Committee Members: Blocker (Chair), Campbell, Lonergan, Walker Lee, Alternate-Mello Executive Liaison: Mark Lauzier; Staff Support - India Adams		2nd and 4th Thursdays 4:30 p.m. Room 248	CBC Assignments: • Citizen Police Advisory Committee • Human Services Commission • Human Rights Commission • Housing Authority • Commission on Disabilities • Library Board • Tacoma Community Redevelopment Authority	
June 22, 2017	TBD			
Future:				
July 13, 2017	TFD Mid-Year Review [Informational Briefing]	Tory Green, Deputy Fire Chief, Tacoma Fire Department	Staff will give the Tacoma Fire Department Mid-Year Review, which will include incident data and key initiatives for 2017	
	Tacoma Community Redevelopment Authority Interviews	Clerks Office		
July 27, 2017	Neighborhood Revitalization and Mobilization Update [Informational Briefing]	Carol Wolfe, Supervisor, Community and Economic Development	Staff will give an informational briefing on the community revitalization efforts in the Lincoln District, NUSA conference and other neighborhood updates.	

Economic Development Committee			
Committee Members: Campbell (Chair), Mello, Strickland, Thoms, Alternate-McCarthy Executive Liaison: Mark Lauzier; Staff Support - Brad Forbes		2nd, 4th, and 5th Tuesdays 10:00 a.m. Room 248	CBC Assignments: •Tacoma Arts Commission •Greater Tacoma Regional Convention Center Public Facilities District •Foss Waterway •City Events and Recognition Committee
CBC Assignments: <ul style="list-style-type: none"> • Tacoma Arts Commission • Greater Tacoma Regional Convention Center Public Facilities District 		<ul style="list-style-type: none"> • Foss Waterway • City Events and Recognition Committee 	
June 13, 2017	Annual Update on Economic Development Framework Strategy [Informational Briefing]	Ricardo Noguera, Director, Community and Economic Development	This presentation by Director, Ricardo Noguera represents an annual briefing of economic development activities which summarizes the results from 2016 and forecasts for 2017.
	Update on Biotech Incubators [Informational Briefing]	Pat Beard, Project Manager, Community and Economic Development	Dr. David Hirschberg from UW Tacoma will provide an update on this project since the property was recently purchased and the consortium of startup biotech firms will soon move into the building.
	Urban Clean Water Innovation Partnership Zone [Informational Briefing]	India Adams, Management Analyst, Community and Economic Development	Egils Milbergs will provide the committee an informational presentation on a local Innovation Partnership Zone, which will have improved and integrated management of drinking water, wastewater, and stormwater as a core part of its mission.
Future:			
June 27, 2017	International Development & World Trade Center Update [Informational Briefing]	Debbie Bingham, Program Development Specialist, Community and Economic Development	This informational briefing will update the Committee on international trade activities and accomplishments since the last Council update on July 26, 2016. The focus will be on programs offered by the World
	Port of Tacoma & Seattle SeaPort Alliance Update [Informational Briefing]	Ricardo Noguera, Director, Community and Economic Development	John Wolfe, Chief Executive Officer of the Northwest Seaport Alliance (NWSA) and Port of Tacoma, will provide an informational briefing to the committee about the Alliance and its impact to the region.
July 11, 2017	NBD Program Activity Update [Informational Briefing]	Shari Hart, Program Development Specialist, Community and Economic Development	Bi-annual status report on the Neighborhood Business Districts element of the "Economic Development Strategic Framework Plan"; including retail activities, physical improvements, and adaptive reuse and infill development.
	Update on NBD and Revitalization Unit [Informational Briefing]	Carol Wolfe, Community and Economic Development Supervisor, Community and Economic Development	Staff will present an update on the activities and policies to date for the Small Business Development and Neighborhood Revitalization unit which includes the Neighborhood Business District and Neighborhood Council Programs, Neighborhood Revitalization Project Areas, Special Event Permitting Office.
	Industrial Activities Update [Informational Briefing]	Elly Walkowiak, Business Development Manager, Community and Economic Development	NewCold, Vigor Marine and the Neil Walter Company will discuss new investment in state-of-the-art industrial facilities in Tacoma related to cold storage, shipbuilding and logistics.

Government Performance and Finance Committee				
Committee Members: Lonergan (Chair), Campbell, Ibsen, Walker Lee, Alternate-Strickland		1st, 3rd, and 5th Wednesdays 4:30 p.m. Room 248	CBC Assignments: •Public Utility Board •Board of Ethics •Audit Advisory Board •Civil Service Board	
Executive Liaison: Andy Cherullo; Staff Support - David Nash-Mendez				
June 21, 2017	Public Utility Board Interviews	<i>Clerk's Office</i>		
Future:				
July 5, 2017	Cancelled			
July 19, 2017	2017-2018 Tacoma Power Financing Plan [Request for approval by Council]	<i>Bill Berry, Rates, Planning and Analysis Ma</i>	Tacoma Power will discuss the plan of finance for the 2017/2018 biennium. Tacoma Power is pursuing multiple financial objectives including a new money bond issue and continuing the use of the Note Purchase Agreements already in place. 1st Reading at Council on July 11th.	
	Environmental Services Strategic Plan			

Infrastructure, Planning and Sustainability Committee			
Committee Members: Mello (Chair), Ibsen, McCarthy, Thoms, Alternate-Blocker Executive Liaison: Mark Lauzier; Staff Support - Rebecca Boydston		2nd and 4th Wednesdays 4:30 p.m. Room 16	CBC Assignments: •Sustainable Tacoma Commission •Planning Commission •Landmarks Preservation Commission •Board of Building Appeals •Transportation Commission
June 14, 2017	2018 Amendments Progress and Key Issues/Planning Work Program [Informational Briefing]	<i>Brian Boudet and Stephen Atkinson, PDS</i>	Review adjustments to the Planning Work Program for 2016-2018 being considered in response to a large number of private applications for the 2018 Amendment cycle, Council Requests, and emerging priorities. The work program was part of the Planning Commission's Annual Report for 2015-2016 approved by the Committee, with minor modifications, in September 2016.
	Foss Stormwater/Sediment Program [Informational Briefing]	<i>Geoff Smyth and Mary Henley, ES</i>	In 2016, the City performed the tenth year of monitoring in the Thea Foss Waterway since the sediment cleanup of the Superfund site was completed. The purpose of this briefing is to present a brief summary of results of both of these ongoing monitoring efforts and to provide the current status of work on the project. This presentation is for information sharing purposes and no response from the committee is required.
	Sustainable Tacoma Commission Applicant Selection [Request for Recommendation]	<i>Doris Sorum, City Clerk</i>	After recent interviews in April for STC, we had another opening. Chair Mello would like to look at the applicants from April that were not chosen to try and fill the recent vacancy.
Future:			
June 28, 2017	Planning Commission Interviews [Request for Recommendation]	<i>Doris Sorum, City Clerk</i>	Interview applicants seeking to fill term-expiring positions representing District No. 1, Development Community, and Public Transportation, and recommend candidates for the Council's consideration for appointment.
	Board of Building Appeals Interviews [Request for Recommendation]	<i>Doris Sorum, City Clerk</i>	1 open position
July 12, 2017	Hilltop Links to Opportunity Update [Informational Briefing]	<i>Ian Munce, Planner, PDS</i>	Update on project to involve the local community in both streetscape planning and expanding economic opportunities for residents along the Tacoma Link Expansion corridor.
	Planning Commission Annual Report for 2016-2017 [Informational Briefing]	<i>Lihuang Wung, PDS</i>	Review and approve the annual report that summarizes the Commission's accomplishments during July 2016 to June 2017 and outlines the planning work program for the next 18-24 months.