



City of Tacoma

Infrastructure, Planning and Sustainability Committee Minutes

733 Market Street Tacoma, WA 98402

Conference Room 16

June 13, 2018

4:30 PM

Chair Ryan Mello, Vice Chair Anders Ibsen,
Chris Beale, Conor McCarthy, Lillian Hunter (alternate)

Call To Order

Council Member Beale called the meeting to order at 4:35 p.m.

Present: 3 - Beale, Mello and Hunter

Absent: 2 - Ibsen and McCarthy

Council Member Hunter, alternate, was in attendance.

Approval of Minutes

1. [18-0640](#) Approval of the minutes of April 11, 2018

MOTION: Council Member Hunter moved to approve the minutes of the April 11, 2018 meeting.

SECONDED BY: Council Member Mello.

ACTION: Voice vote was taken and carried. The motion was declared adopted.

Ayes: 3 - Beale, Mello and Hunter

Absent: 2 - Ibsen and McCarthy

Briefing Items

2. [18-0642](#) Traffic Light Synchronization [Kurtis Kingsolver, Director, Public Works; Leigh Starr, Division Manager, Public Works]

At approximately 4:36 p.m., Kurtis Kingsolver, Director, Public Works (PW), made opening remarks and introduced Leigh Starr, Assistant Division Manager, PW. Mr. Starr provided an overview of traffic signals, noting

general timing, including cycle length, phase and split; fixed timing, noting AM and PM signals and one-way streets; actuated timing, noting stop bar detection, timing detection, advance detection, bicycle and no bicycle detection, inconsistency, and traffic impact; and adaptive timing, presenting a hypothetical corridor. He presented on intelligent traffic systems, noting the traffic control systems, parking, overheight sensor, and feedback. Mr. Starr reviewed signal controllers, noting background and the amount of different signal controller types in Tacoma. Mr. Kingsolver concluded on failed detection signals, noting comparison to different jurisdictions and impacts of failed signals.

Discussion ensued throughout regarding what signals are broken, how the devices connect to street lights, and responsibilities shared with Washington State Department of Transportation. Discussion continued on goals and next steps, grants, levies, and bond resources. Discussion concluded on the costs involved with signal controllers and updates needed.

3. [18-0641](#) Tacoma Water's Integrated Resource Plan [Chris McMeen, Deputy Water Superintendent; Glen George, Senior Principal Planner, Tacoma Public Utilities]

At approximately 5:11 p.m., Chris McMeen, Deputy Water Superintendent, Tacoma Public Utilities (TPU), made opening remarks, introduced Glen George, Senior Principal Planner, TPU, and gave an overview on Integrated Resource Planning (IRP). Mr. George reviewed the IRP process, noting background of the Green River supply of water, groundwater use, and outreach of the Public Advisory Committee. He presented the issues, yield model, climate change, climate change effects, conservation program update and effect, and reclaimed water. He concluded by summarizing incorporate demands, comparison of the yield and demands, droughts, and IRP.

Discussion ensued regarding cost competitive water, reclaimed water used for industrial purposes, Class A water, lawn usages, groundwater usage, and water infiltration. Discussion continued on residential and industrial use of water in the conservation program. Discussion concluded on communication measures.

4. [18-0643](#) Tacoma Maritime Air Emissions Progress [Graham Vanderschelden, Project Manager, Air Quality and Sustainable Practices, Northwest Seaport Alliance]

At approximately 5:49 p.m., Evette Mason, Government Affairs Manager, Port of Tacoma, made opening remarks and introduced Graham VanderSchelden, Air Quality and Sustainable Practices Project Manager, Northwest Seaport Alliance. Mr. VanderSchelden presented on the Tacoma Maritime Air Emissions, including the importance of emissions inventories, analytical methods, the Puget Sound Maritime Air Forum, and

geographical extent. He reviewed the source categories, noting ocean going vessels, cargo handling equipment, locomotives, harbor vessels, trucks, and fleet vehicles. He then presented the air pollutants inventoried, Maritime Industry-Wide Airshed Emission changes throughout Puget Sound, Maritime regional diesel particulate matter (DPM) emissions, changes in Tacoma Port related emissions, Tacoma Port related DPM emissions distributions, and Tacoma Port related greenhouse gas (GHG) emissions distributions. He concluded with Northwest Seaport Alliance South Harbor port scale emissions and North Harbor airshed scale emissions, noting progress towards Northwest Ports Clean Air Strategy (NWPCAS) goal targets.

Discussion ensued throughout regarding the involvement of static sources in the analytical method, ozone as a criteria air pollutant, DPM emissions airshed data, the development of the Northwest Seaport Alliance, GHG, and NWPCAS goals that have been met.

Topics for Upcoming Meetings

5. [18-0644](#) June 27, 2018-Cancelled
July 11, 2018-Schuster Parkway Promenade, Planning Commission Work Program, Transportation Master Plan Targets/Measures

Rebecca Boydston, Committee Liaison, stated that the meeting of June 27, 2018 is cancelled, and the meeting of July 11, 2018 will include Schuster Parkway promenade, Planning Commission Work Program, and Transportation Master Plan targets and measures.

Other Items of Interest

There were no other items of interest.

Public Comment

There was no public comment.

Adjournment

There being no further business, the meeting was adjourned at 6:17 p.m.

Ryan Mello, Chair

Stacy Manthou, City Clerk's Office