

Tideflats Update

Tacoma Fire Department

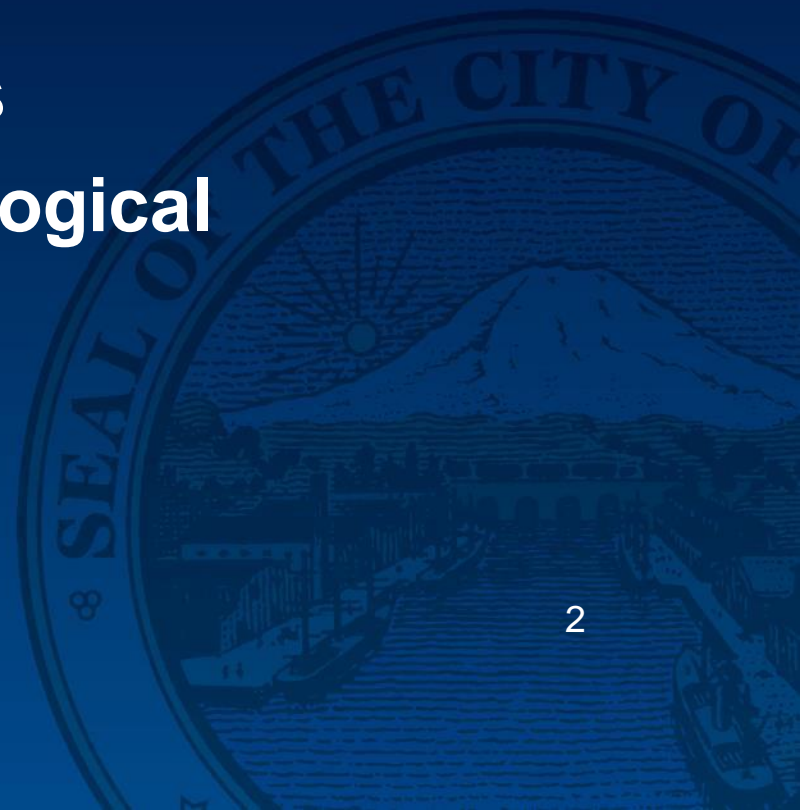


City Council Study Session
August 1, 2017

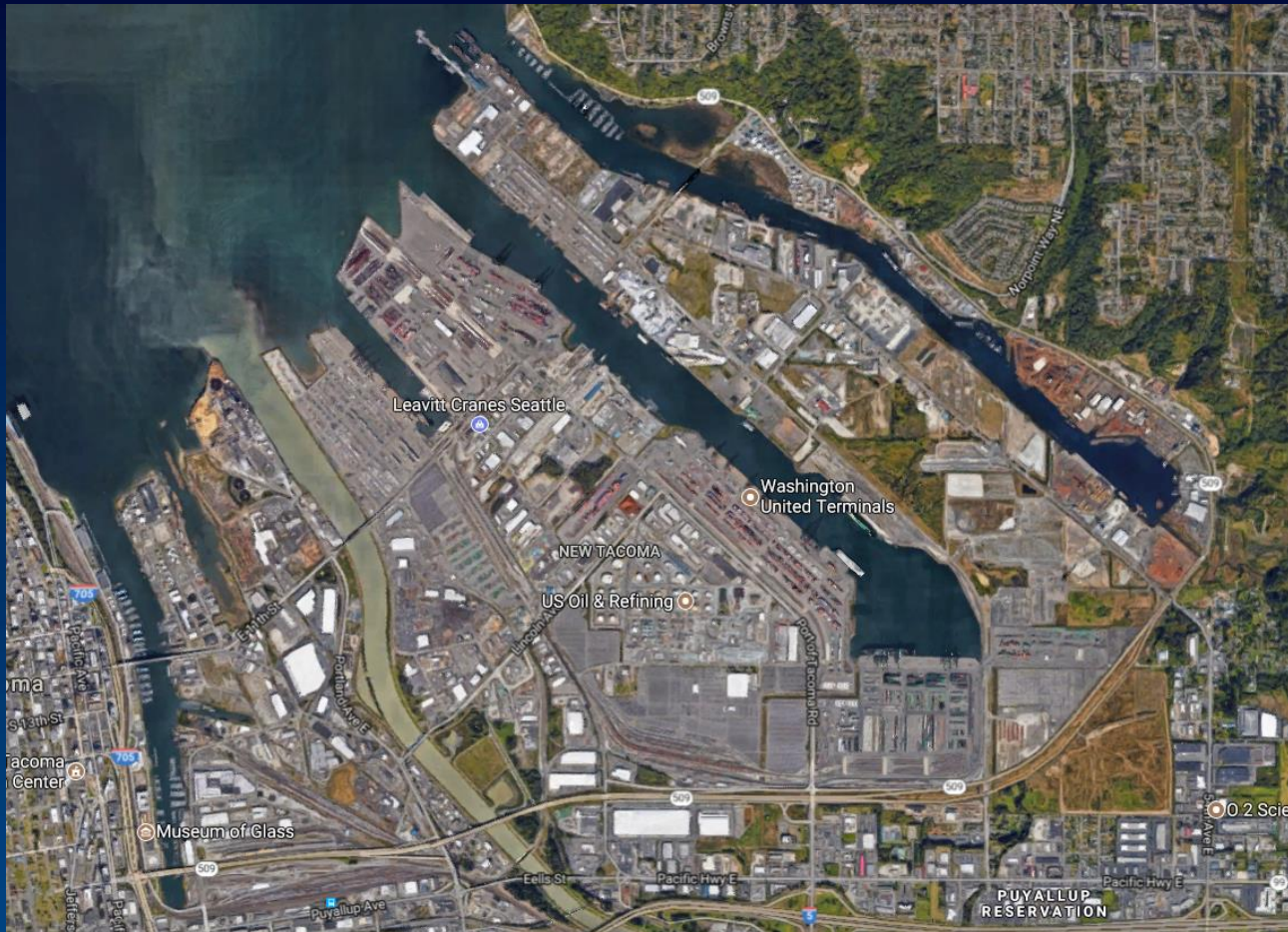


Overview

- Area Review
- Risks
 - Fire and EMS
 - Hazardous Materials
 - Natural and Technological
- Challenges
- Options



Tideflats Area



Risks

- Fire
- EMS
- HazMat



HazMat Risks

- Flammable Liquid Storage
- Estimated 189M gallons of Class I, II & III



Oil Trains

- Three unit trains a week (about 100 cars per train) to the Tideflats area
- 11-16 trains a week pass through Pierce County



Additional Risks

- Large un-sprinkled buildings
- Flammable liquid pipelines
- 1575-bed detention center
- 75-bed reentry facility
- Daytime population estimate of +10K



Natural and Technological Risks

- Earthquake
- Flooding
- Tsunami
- Volcanic/Lahar
- Civil Disturbance/Terrorism

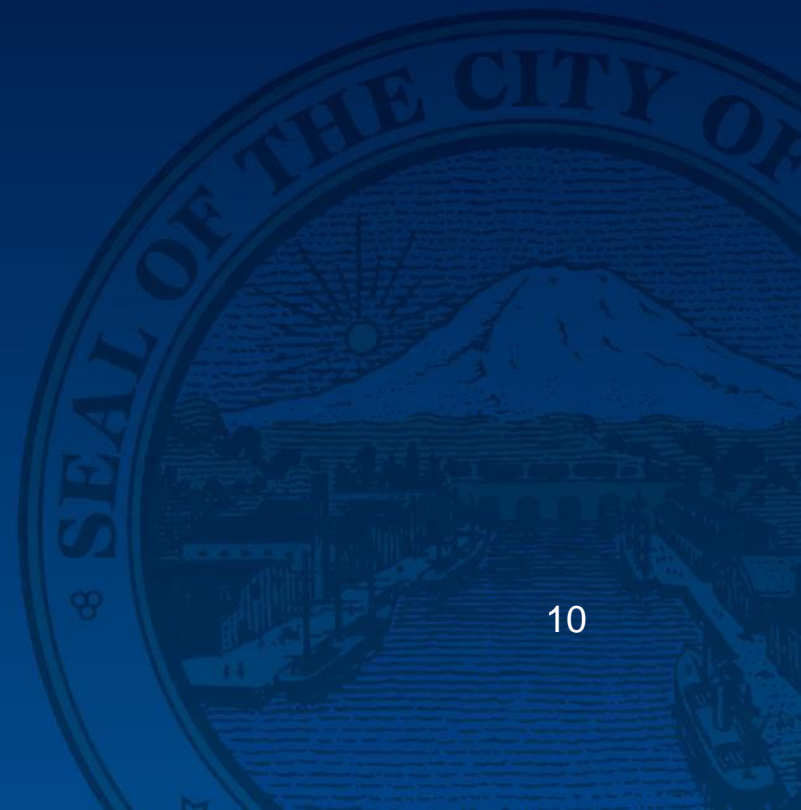


Challenges

- There are currently no active fire stations in the Tideflats area
- Prior to 1990, there were four along the former 11th Street Corridor
 - Two were staffed with an Engine Company, and one with a Ladder and Medic Company
 - One was a full-time Fireboat Station
 - Budget reductions and restructuring led to their closure

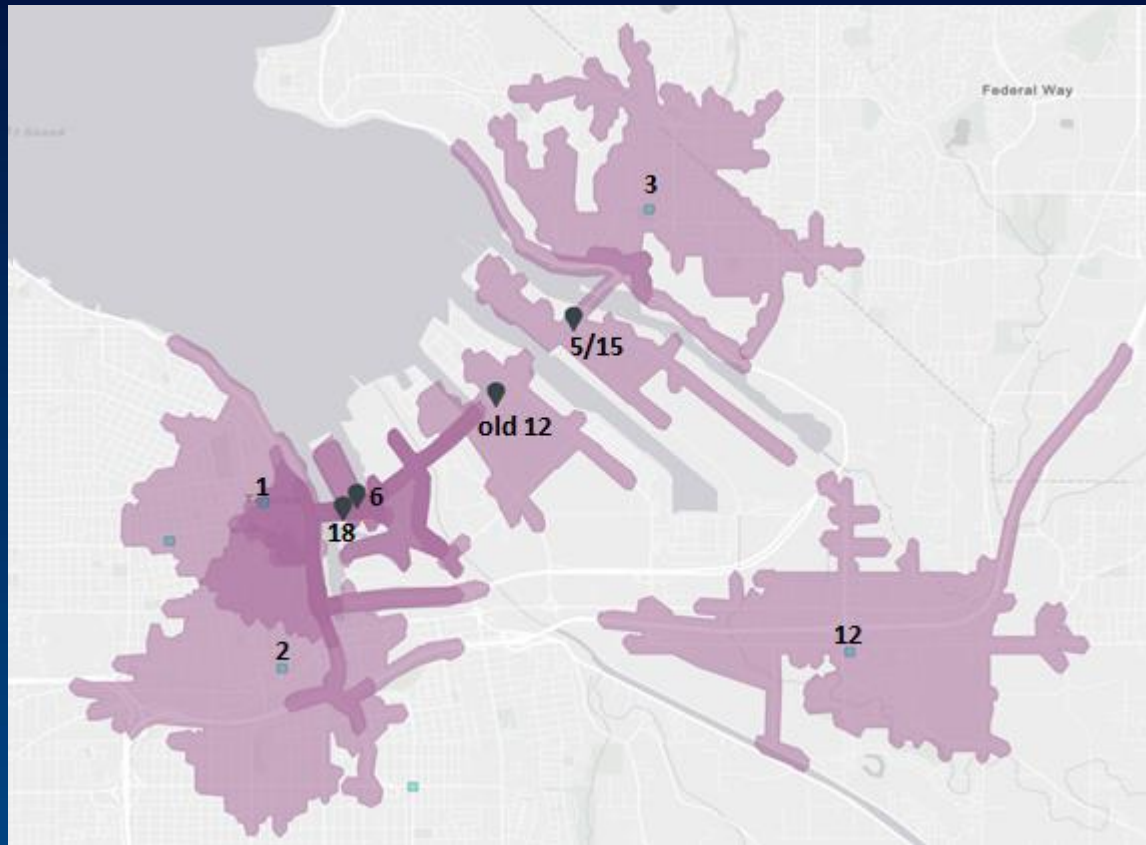
PSE LNG Facility

- Current Status
- Lessons from Plymouth, WA
 - “human error”
- Fire and Safety Study



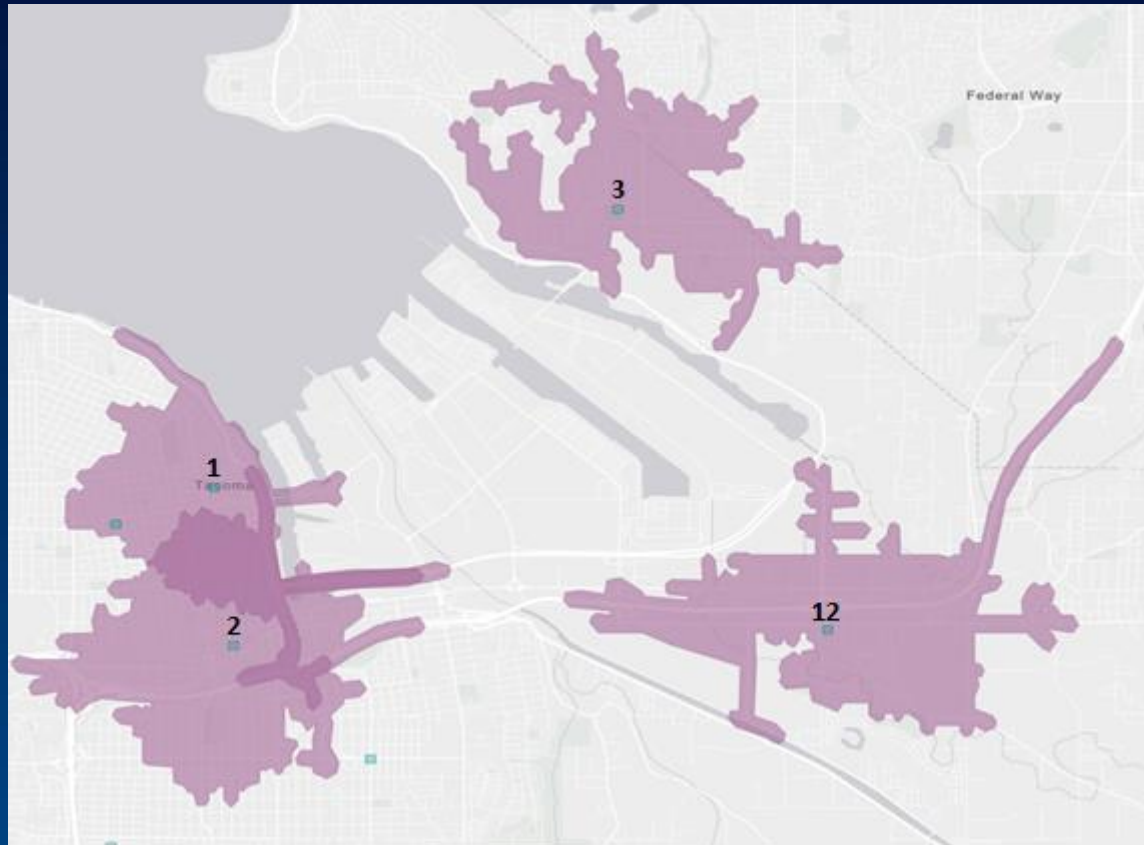
Challenges

- 1990's Deployment (4-minute drive time)



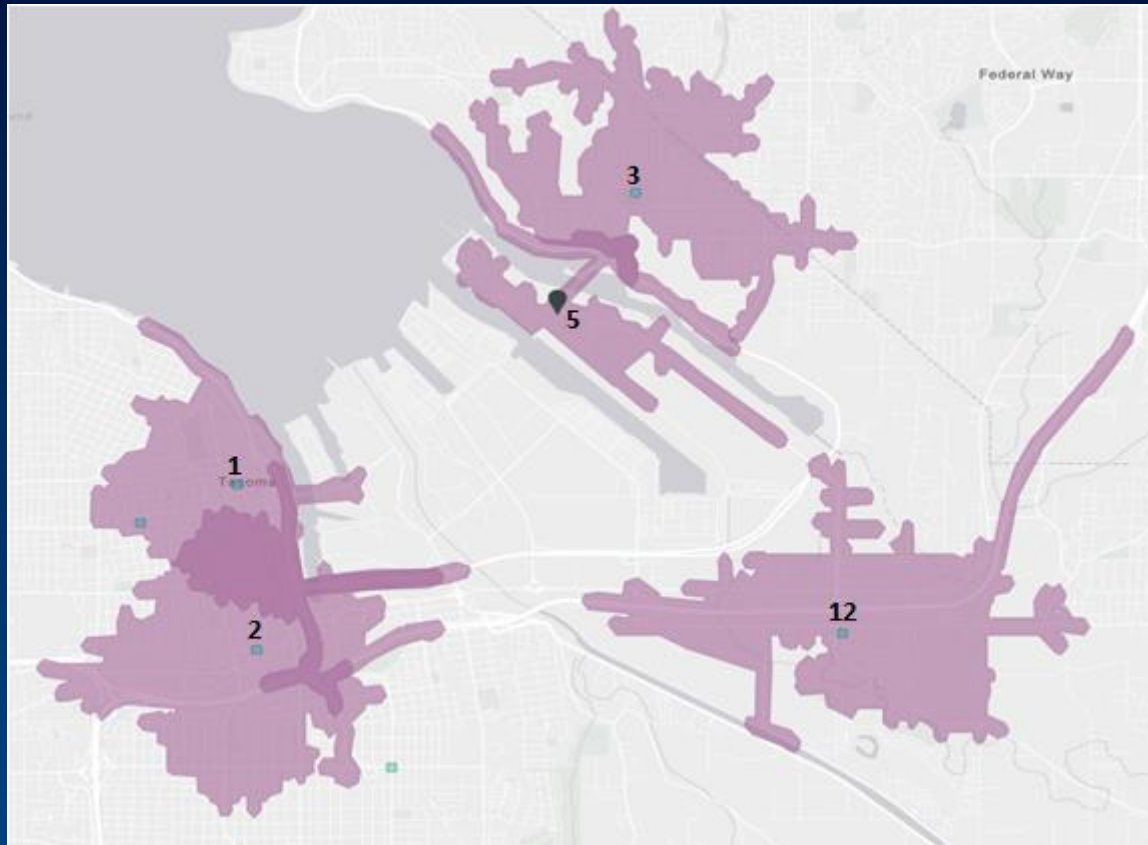
Challenges

- Current deployment (4-minute drive time)



Challenges

- Station 1,2,3,5,12 (4-minute drive time)



Response Challenges

- Per March 2016 Emergency Response/Intelligent Transportation Study:
 - Lack of resources in the area for timely response
 - Access is limited by waterways, rail, vacated streets and closed bridges
 - No dedicated Fireboat

Grants

- **FY 2016 Port Security Grant**
 - Chemical and radiation detection capabilities equipment & training
 - Applied for \$747,233; match of \$249,078 = \$997,995 over three years
- **FY 2016 SAFER Hiring Grant**
 - Applied for \$2,163,101; match of \$1.3-\$1.6M, depending on COLA & benefit increases = \$3.5-3.8M over three years

FY 2016 SAFER Grant

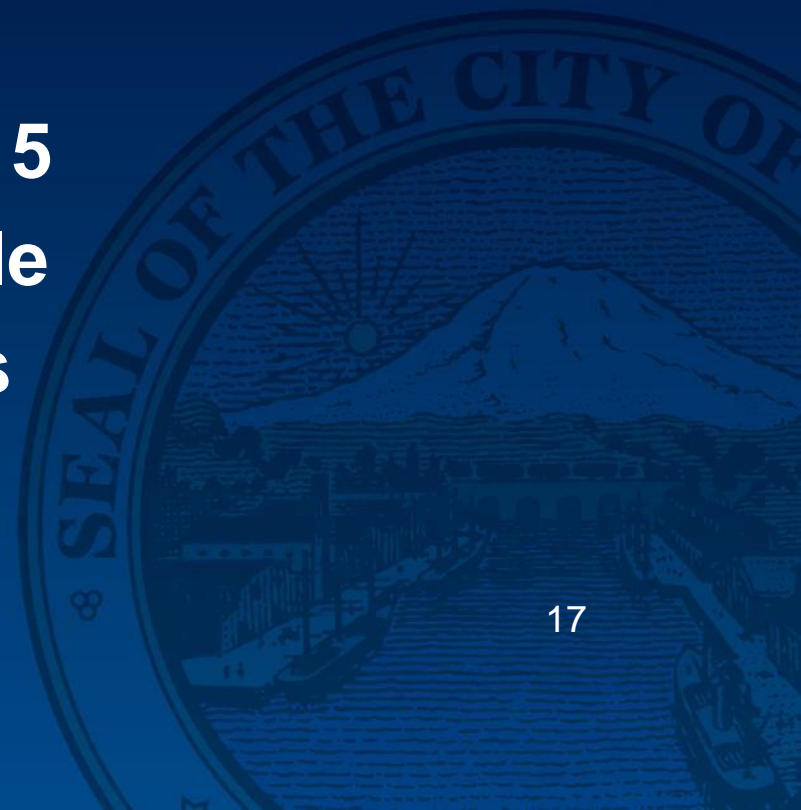
- Hiring 12 Firefighters
- Grant pays for a portion of the first-year Firefighter personnel cost
 - 75% in the first two years, 35% in final year

Grant Year	2018*	2019	2020	2021
Grant Funding	876,933	876,933	409,235	0
City Funding	292,317	395,516	999,843	1,517,805
TOTAL	\$ 1,169,250	\$ 1,272,449	\$ 1,409,078	\$1,517,805

* Assumes January 1, 2018 hire date

Most Recent Council Actions

- **2016: Interlocal Agreement between City and Port of Tacoma**
- **2017-18 Biennium: Additional Firefighter Staffing**
 - **Squad 15 to Engine 15**
 - **Peak Time Aid Vehicle**
 - **Squad 13 to 24 hours**



Options

- **Accept FY 2016 SAFER Hiring Grant**
- **Redirect some 2017-18 budgeted resources**
 - Delay implementation of Aid Vehicle and SQ-13 to 24 hours
 - Implement 12-hour Engine 13 to North End
 - Implement 12-hour Engine company to Tideflats
- **Staff Station 5 without redirecting budgeted resources**

Fiscal Impacts

Expenses		2017	2018
Facility Renovation Costs	Upfront capital costs associated with re-opening the station. <i>This is funded through the 2017-2018 Capital Budget.</i>		\$1.31 M
Operating Costs – Starting July 2018 (SAFER)	Assumes station opens with full 24-hour staffing in July 2018 with SAFER grant. <i>These costs are <u>not</u> in the 2017-18 Budget.</i>		\$0.68 M
Operating Costs – Starting Fall 2017 (Redirect)	Assumes 12-hour staffing October 2017-June 2018, then 24-hour staffing in July 2018. <i>These costs are <u>not</u> in the 2017-18 Budget.</i>	\$0.09 M	\$0.88 M
Operating Costs – Starting Fall 2017 (No Redirect)	Assumes 12-hour staffing October 2017-June 2018 on overtime, then 24-hour staffing in July 2018 with SAFER grant. <i>These costs are <u>not</u> in the 2017-18 Budget.</i>	\$0.24 M	\$2.06 M

Questions?

