



## Fire Station #5, Tideflats

City of Tacoma | Tacoma Fire Department

Community Vitality and Safety Committee  
June 14, 2018



### OVERVIEW



- Planned and existing industrial development in the Tideflats has demonstrated a need for enhanced public safety services.
- To mitigate the risk of a fire-related emergency and to provide necessary public safety service, TFD has implemented interim emergency response operations in the Tideflats.
- Options to renovate or build a new station have been reviewed.

## OVERVIEW



### TFD OPERATIONS/CHALLENGES

- Tideflats Area



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## OVERVIEW



### TFD OPERATIONS/CHALLENGES

- Hazardous Materials Risks
  - Flammable and combustible liquid storage.
  - Estimated 189M gallons of Class I, II & III.



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## OVERVIEW



### TFD OPERATIONS/CHALLENGES

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



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## OVERVIEW



### TFD OPERATIONS/CHALLENGES

- There is no active fire station on the Hylebos Peninsula.
- Prior to 1990, there were four along the former 11<sup>th</sup> 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.

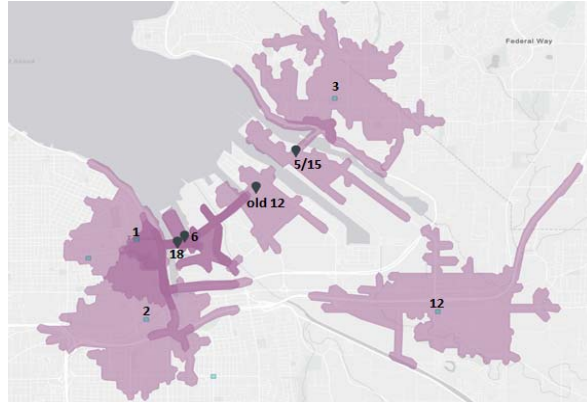
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## OVERVIEW



### TFD OPERATIONS/CHALLENGES

- 1990s deployment (4-minute drive time estimate)

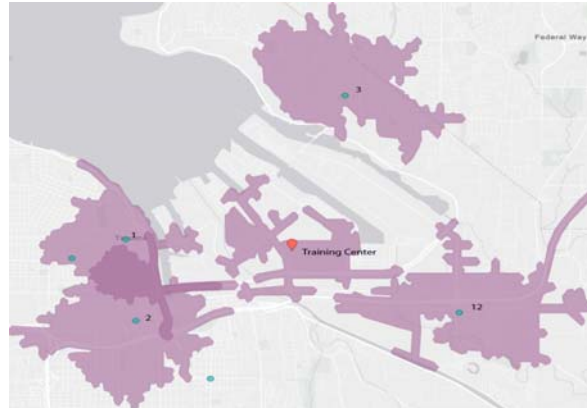


## OVERVIEW



### TFD OPERATIONS/CHALLENGES

- Current daytime deployment (4-minute drive time estimate)

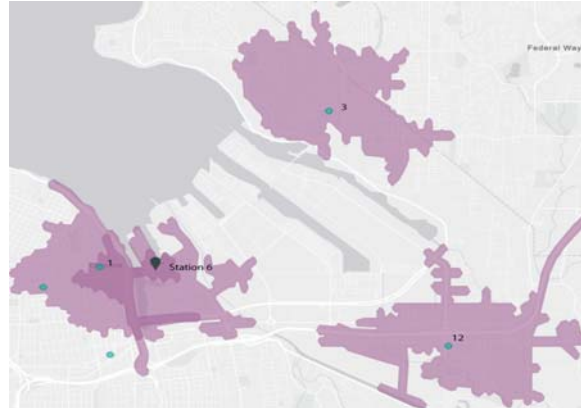


## OVERVIEW



### TFD OPERATIONS/CHALLENGES

- Current nighttime deployment (4-minute drive time estimate)



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## BACKGROUND



### RENOVATION OF EXISTING STATION

- Built in 1928, listed on the local & national historic registers.
- 3,300 square feet (SF), one-story, unreinforced hollow clay tile.
- Initial estimates for renovation did not anticipate extensive structural/seismic upgrades.
- Basic renovation costs triggered code required structural evaluation.

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## BACKGROUND



### RENOVATION OF EXISTING STATION

- Structural evaluation identified building elements that did not pass the Unfit Building Standard (formerly Dangerous Building).
- Based on the structural analysis and renovation concept it was determined that the building did not meet TFD operational needs.
  - Renovation would not meet essential facility code requirements.
  - Renovation would reduce apparatus bay access to only one door.
  - Remaining spaces would be undersized for long-term needs.

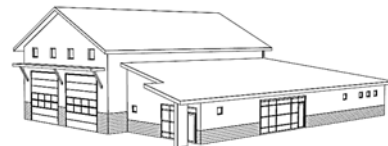
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## BACKGROUND



### NEW STATION ON EXISTING SITE

- 5,600 SF modern fire station.
- Meets essential facility requirements.
- Increased station size and capabilities.
  - Two apparatus bays.
  - Emergency response storage.
  - Decontamination room.
  - Gender neutral shower/restrooms.
  - Efficient use of site (ADA access/parking).



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## BACKGROUND



### RENOVATION & NEW STATION (SF) SUMMARY

Description	Renovation	New Station
Operations Area	1560	2610
Crew Area	1150	2240
Circulation	590	750
Total Building Area	3300	5600

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## ISSUES



- Current funding: \$1,305,000
- Renovation or new station option will exceed current funding.
- New station will require approval from Landmarks Preservation Commission to demolish the existing station.



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## RECOMMENDATIONS



- Staff recommends moving forward with the design and permitting for a new station on the existing site.
- Next Steps:
  - Begin application process for Historic Building Demolition Permit.
  - Move forward with design contract for new station.
  - Request additional funding as part of 2019-2020 budget process.

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