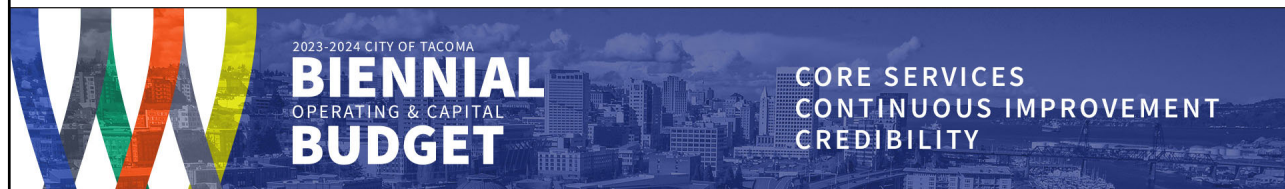


Tacoma Fire Department

October 18, 2022



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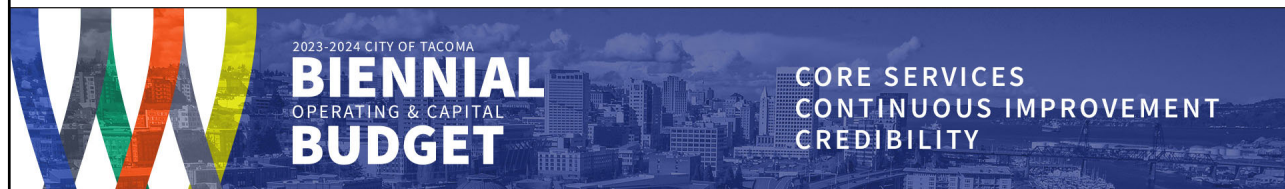
Agenda

- Departmental Overview
- Financials and Personnel Overview
- 2021-2022 Major Accomplishments
- Issues and Considerations
- 2023-2024 Strategy/Goals
- 2023-2024 Major Initiatives & Proposals

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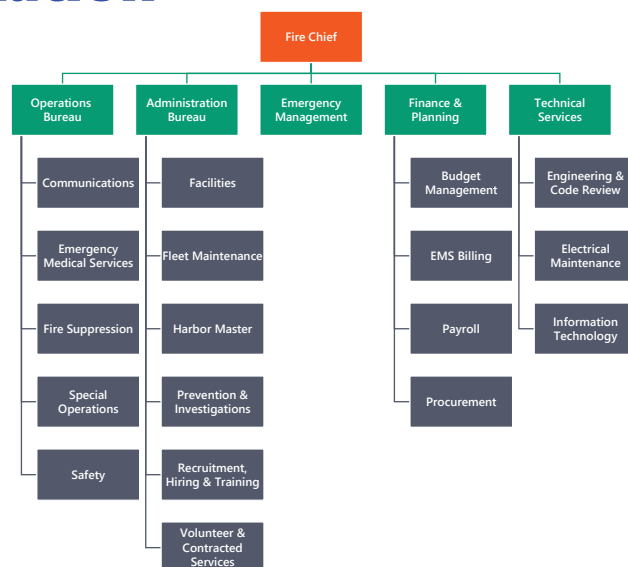
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Departmental Overview



3

Organization

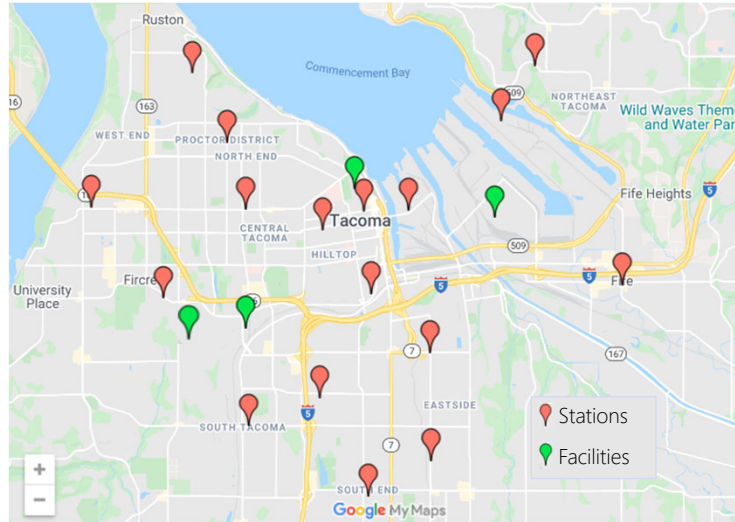


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Deployment



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Response Resources

First Response Units

- 16 Fire Engines
- 4 Fire Trucks/Ladders

Secondary Response Units

- 5 Medic Units (ALS transport)
- 5 Aid Units (BLS transport)
- 3 Battalion Chiefs
- 1 EMS Officer
- 1 Safety Officer
- 1 Hazmat Unit (cross-staffed)
- 1 Technical Rescue Unit (cross-staffed)
- 2 Fireboats (cross-staffed)

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Initial Resource Needs

Residential Fire Response

- Engines (4)
- Ladders (2)
- Transport Units (2)
- Battalion Chiefs (2)
- Safety Officer (1)

EMS Response

- Engine/Ladder (1)
- Transport Unit (1)

Resource needs based upon National Institute of Standards and Technology (NIST) determinations of an effective response force (ERF)

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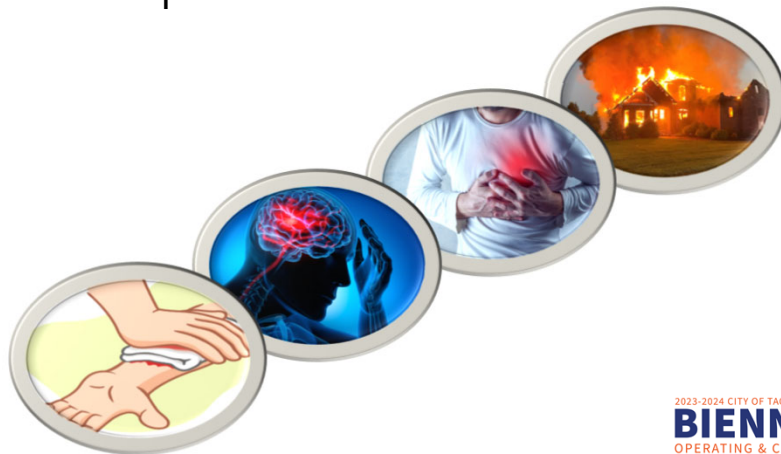
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Time Matters!

Key factor in effective response = Time

- Fire
- Cardiac Arrest
- Stroke
- Major Trauma

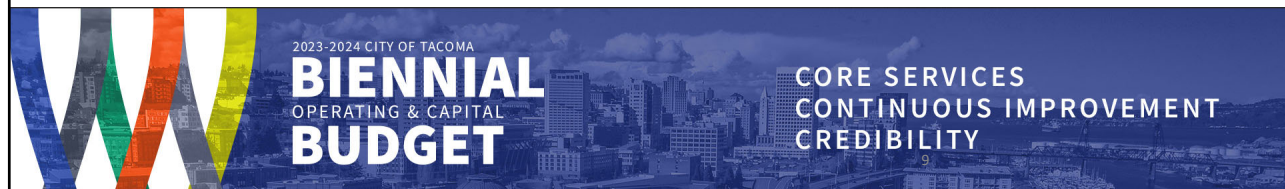


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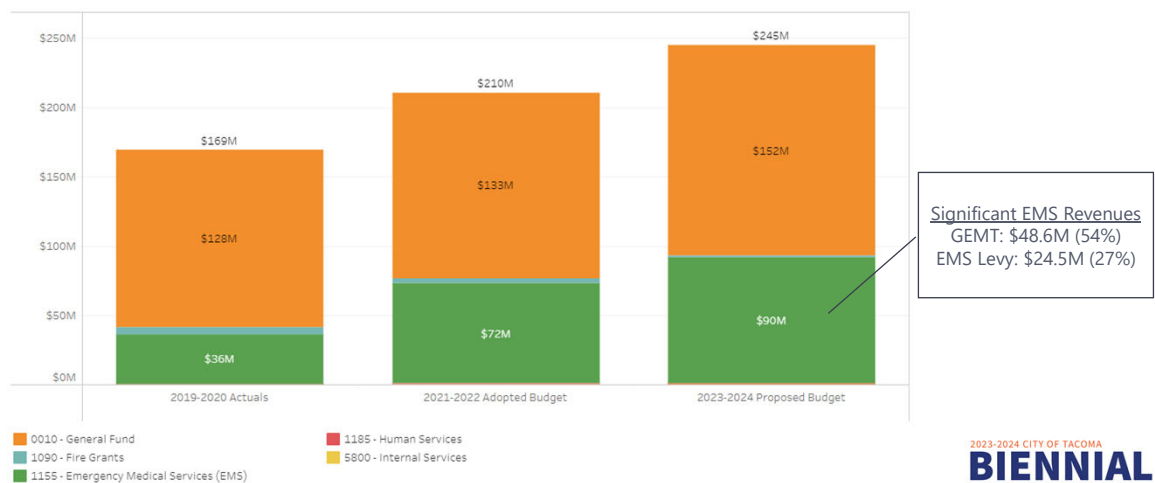
8

Financials and Personnel



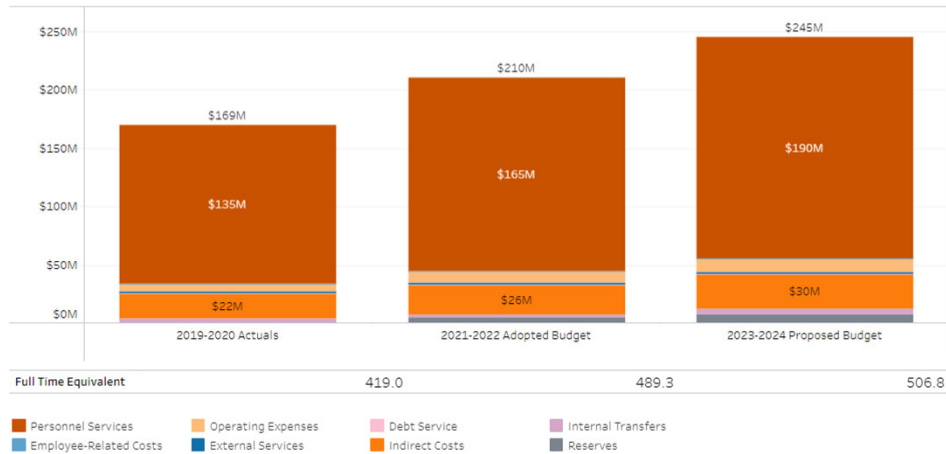
9

Department Funding



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Department Expenditures



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2021-2022 Major Accomplishments

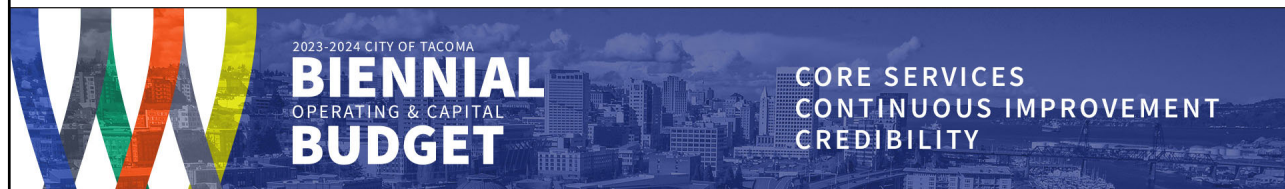
- Response to COVID-19
- Opening of Fire Station 5
- Implementation of Basic Life Support (BLS) Transport
- Establishment of a Community Advisory Committee
- Mental Health Support for Responders
 - "The Call We Carry" Release

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Issues and Considerations



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Issues & Considerations

- Call Volume/Response Time/Workload
- Aging Facilities & Fleet
- Training & Development for Increased Inexperience
- Leveraging funding options

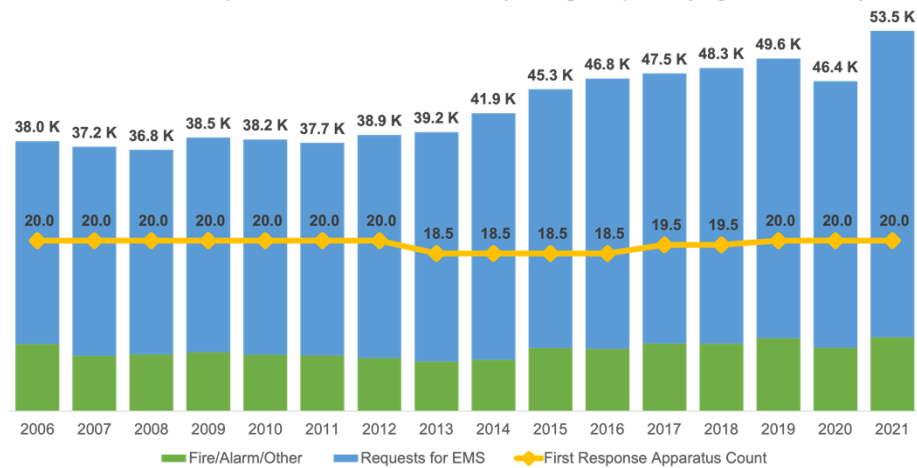
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2021 Dispatched Incidents

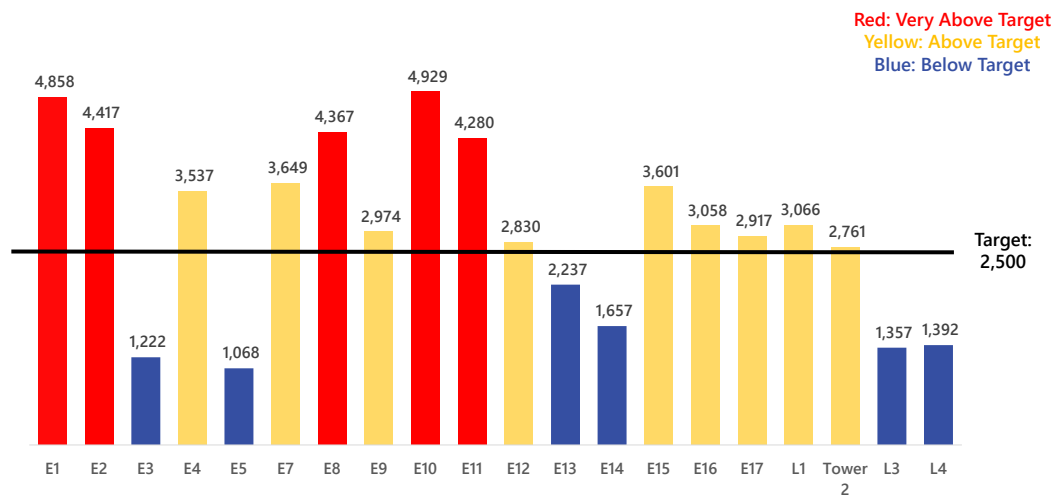
2006-2021 EMS Dispatched Incidents and First Responding Companies (Engines & Ladders)



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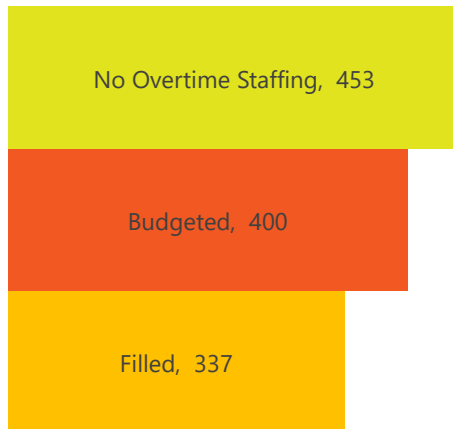
2021 Dispatched Incidents

2021 Dispatched Incidents by Unit (E: Engine, L: Ladder)



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Operations Positions



	Number of Apparatus in Service	Staff Per Apparatus	Minimum Daily Staffing	Minimum Shift Staffing
Engines	16	3	48	192
Ladders	4	3	12	48
Transport Units	10	2	20	80
Support Units	5	1	5	20
Total			85	340
Apply Staffing Percentage (75%) = No Overtime Staffing				453
Budgeted Operations Positions				400
Filled Operations Positions				337

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Fire Fleet Status

Vehicle Type	Recommended Replacement Age	TFD Average Age	# in Fleet	# Over Recommended Replacement	Current Replacement Value	Condition Rating
Engine	8	14	24	20	\$15.0M	Poor
Secondary Response	5-7	10	67	47	\$2.9M	
Ladder/Truck	13	13	7	3	\$4.4M	Fair
Transport Unit	5	4	19	9	\$2.5M	
Specialty/Other	10-25	18	28	13	\$2.4M	
Specialty/Fireboat	30	18	4	0	N/A	Good
Totals			149	92	\$27.2M	

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2023-2024 Strategy/Goals

- Address the workload demand on field personnel
- Ensure we are hiring a diverse workforce
- Provide proactive training to minimize the risks associated with inexperienced responders
- Prepare the department for long-term concerns
 - Standards of Cover (i.e., facilities and deployment needs)
 - Sustainable funding (i.e., EMS Levy, impact fees, etc.)
 - Succession planning

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SAFER Grant

- Applied to FEMA in February 2022
- Awards being made now; TFD is awaiting decision
- Add 16 new FTEs



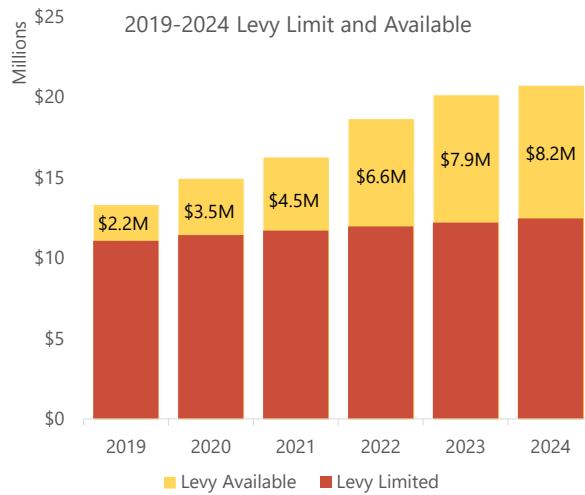
FEMA

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EMS Levy Lid Lift

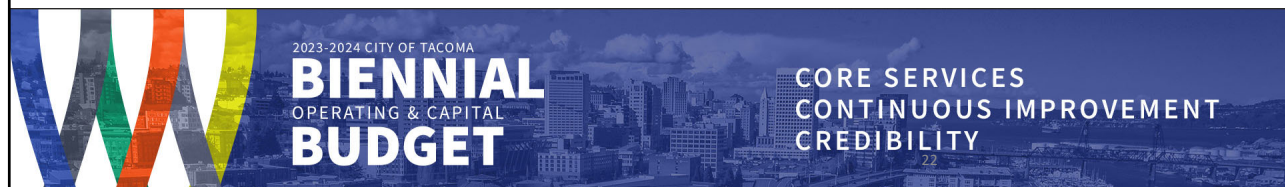


- April 2023 ballot issue
- Increased revenue collection in 2024
- Add first responder units to meet the demand of increasing call volume
- Reduce financial impacts of all emergency medical transports for residents

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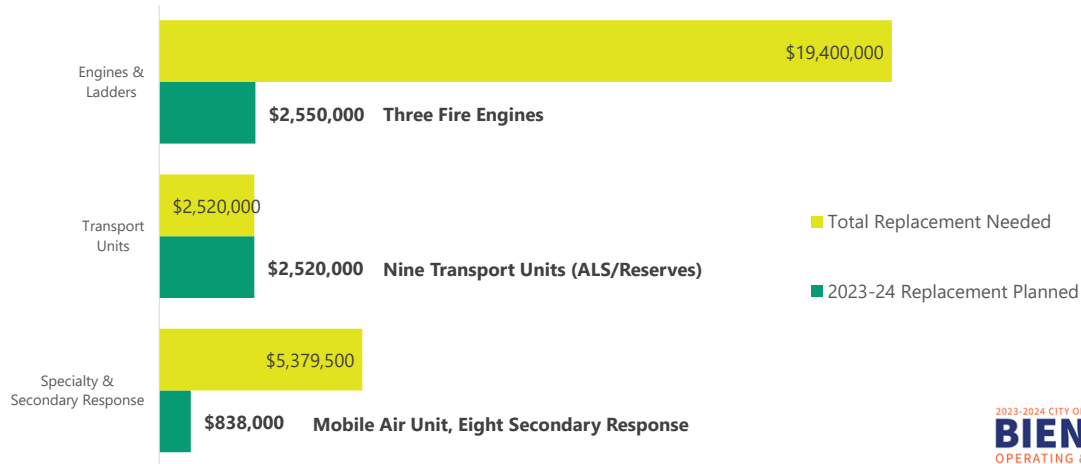
Budget Proposals



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Fire Fleet Replacement - \$5.9M

TFD Replacements Needed & Replacements Planned



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Adjust EMS Staffing - \$550k

- Redirect a portion of Battalion Chiefs expense from General Fund to EMS
- Adjust support staff for BLS implementation needs

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Mental Health Services Expansion - \$170k

- Increased contracted services for Mental Health Provider & Chaplaincy to expand availability of providers - \$100k
- Mental Health Crisis Triage Pilot - \$70k

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On-Site Renewable Diesel - \$180k

- Convert on-site tanks at four locations to renewable diesel from conventional diesel
- No adverse effects from fuel mixing
- Decreased emissions and regen time for heavy apparatus

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Behavioral Health Response Unit Pilot - \$824k

- Response unit:
 - Registered Nurse (1)
 - Mental Health Counselor/Responder (1)
- Response with/without Fire or Police, based upon safety
- New service of TFD CARES and proposed staffing* includes:
 - New Program Manager
 - High-level Care Provider (e.g., ARNP)
 - Case Manager

*Costs and FTEs will be included as an adjustment to the Budget.

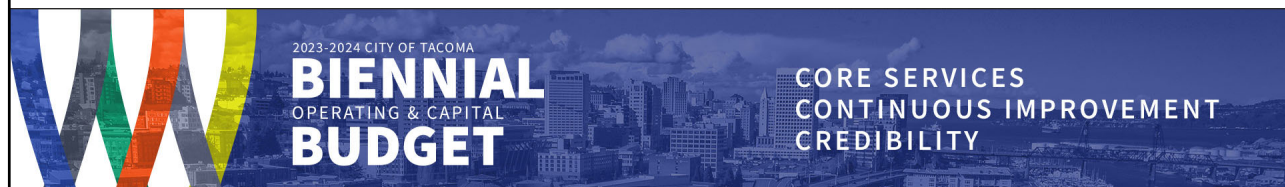
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Tacoma Fire Department

October 18, 2022



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