



Stanislaus Consolidated Fire Protection District
3324 Topeka Street Riverbank, CA 95367
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www.scfpd.us

AGENDA

STANISLAUS CONSOLIDATED FIRE PROTECTION DISTRICT CAPITAL IMPROVEMENTS COMMITTEE MEETING

Date: Tuesday March 25th, 2025
Time: 6:00 PM
Place: 3318 Topeka St, Riverbank, CA 95367

COMMITTEE MEMBERS

Steven Stanfield, Director
Richard Murdock, Director
Clint Bray, Deputy Fire Chief

Shawn Ehrenberg, L3399 President
Amanda McCormick, Board Clerk

1. CALL TO ORDER

- 1.1 Welcome by the Chair
- 1.2 Roll Call by the Chair

2. APPROVAL OF AGENDA - Discussion Items may be pulled from the agenda at this time by Chair

3. PUBLIC COMMENT PERIOD - *While the Stanislaus Consolidated Fire Protection District welcomes and encourages participation at the Committee meetings, it would be appreciated if you would limit your comments to five (3) minutes so that everyone may be heard. The public, under Item 3 - Public Comment Period, may address matters not on the posted agenda. The Committee may consider adding the item to a future agenda for consideration. All District public meetings are conducted in accessible locations.

4. DISCUSSION ITEMS – Review, Discussion and Potential Direction to staff

- 4.1 Capital Improvement Facility Repair and Maintenance Priorities
- 4.2 Fire Apparatus Replacement Plan

5. ADJOURNMENT

I, Amanda McCormick, Board Clerk of the Stanislaus Consolidated Fire Protection District Board of Directors, do hereby declare that the foregoing agenda for the Capital Facilities Committee will be posted at the Administrative Offices, District stations and District website of the Stanislaus Consolidated Fire Protection District at least 72 hours prior to the meeting. The agenda will be posted at each of the District stations and on District website at www.scfpd.us.

Dated: March 19, 2025

/s/Amanda McCormick
Amanda McCormick, Clerk of the Board



Capitol Facilities Projects Review 2025-2026

Project # 1

Fire Station 23 auxiliary building: to create covered storage in an effort to protect district property from the elements.





Fire Station 23 auxiliary steel building

Option 1: 16' x 40' Metal building (California Steel structures)

Option #2: 30' x 40' This building in the backyard of fire station 23 will provide protected storage area using the two existing sea boxes on the sides



Option #1

(CA) Vertical Roof style

16' wide x 40' long x 12' tall

\$4,230	base
\$840	anchoring
\$950	leg height
\$400	extra supports
\$520	sides enclosed 4ft down horizontally
\$1,015	1 end enclosed horizontally

Subtotal \$7,955.00 + Tax

Option #2

(CA) Vertical Roof style

30' wide x 40' long x 12' tall

\$8,280	base
\$840	anchoring
\$950	leg height
\$400	extra supports
\$520	sides enclosed 4ft down horizontally
\$1,685	1 end enclosed horizontally

Subtotal \$12,675.00 + Tax

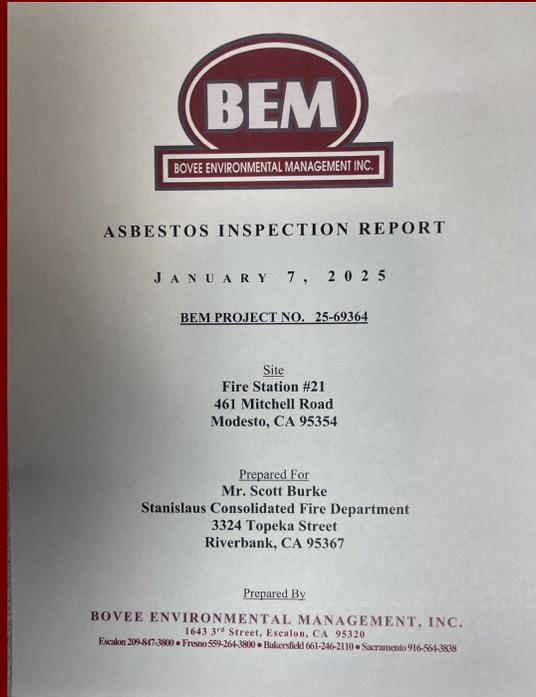
Project #2

Fire Station 21 Flooring

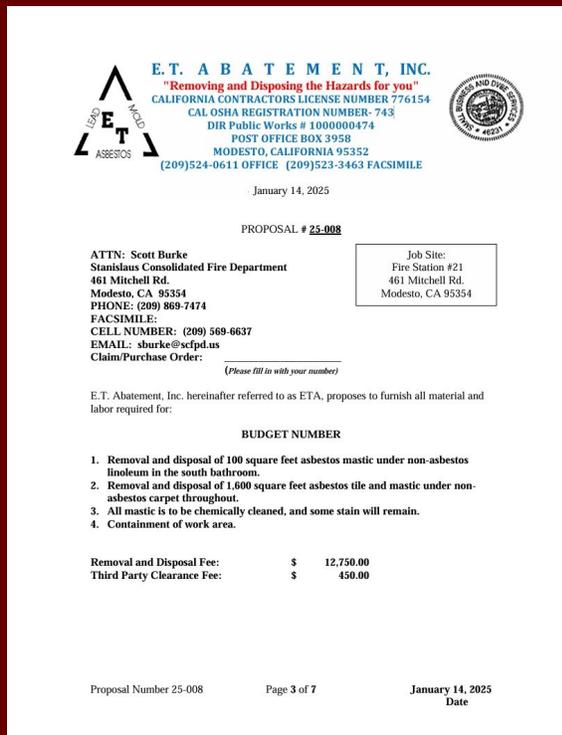
We currently have carpet covering the bulk of 2000' square feet floor space. Under the carpet is vinyl asbestos tile. This project looks at the options for updating.



Option #1: Remove all flooring, abate all asbestos, and polish / seal concrete floors.



Asbestos Removal and disposal



Concrete prep, polish, and seal



LARA'S CONCRETE SOLUTIONS

209-758-5438 | sales@larasconcretesolutions.com | www.larasconcretesolutions.com

RECIPIENT:

Stanislaus Consolidated Fire Protection District
461 Mitchell Road
Modesto, California 95354
Phone: 209-869-7470

Quote #602

Sent on	Jan 06, 2025
Total	\$25,125.00

Product/Service	Description	Total
Flooring Removal & Disposal	Will remove and dispose of all the existing flooring in the space per site photos and inspection *** (Approx 2010 SQ FT)***	\$5,025.00
Expansion Joint Sealing	Exposed expansion joints (Unknown Linear FT) in the work areas will be sealed and during the Grind and Seal Process. Will use Metzger McGuire Spal-Pro RS 88 Concrete Floor Protectant is a rapid setting polyurea polymer liquid of 100% solids content. When cured, Spal-Pro RS 88 is a gray, rubberlike solid with a hardness of Shore A88-92. Spal-Pro RS 88 was developed to fill and protect trafficked industrial and retail concrete floors. Its primary function is to support such traffic and protect joint edges.	\$0.00



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Product/Service	Description	Total
Concrete Polishing System	The living quarters **** (Approx. 2,010 SQ FT) **** will be polished up with the following specifications: Level 3 Finish and a Class B/C Aggregate exposure. Class A - Cement Fines (Also Called Light Sand / Cream Finish) Class B - Fine Aggregate (Also Called Salt & Pepper Finish) Class C - Medium Aggregate Finish Class D - Large Aggregate Finish Level 1 Flat (Ground) - 100 Grit Resin Image Clarity Value 0-9% Level 2 Satin (Honed) - 400 Grit Resin Image Clarity Value 10-39% Level 3 Semi-Polished - 800 Grit Resin Image Clarity Value 40-69% Level 4 Highly Polished - 800 Grit or Higher Image Clarity Value 70-100% ***Grinding Process / Repairs:*** • The Entire Surface will be Mechanically ground with a Standup Grinder with metal bond diamonds to achieve the specified floor specs • Any Major Cracks larger than 1/4" throughout the concrete will be patched/repared using a 2-Part Cement Based Crack Repair System or will be left as is. ***Densifier Application*** • Our Concrete Densifier will be applied onto the surface before the honing process to strengthen/densify the concrete surface ***Honing/Polishing Process:*** • The Entire Surface will be Mechanically honed/polished with a Standup Grinder with ceramic and or hybrid bond diamonds to achieve the specified floor specs. ***Guard/Sealer Application:*** • A final finish of our guard will be applied. This Topcoat will provide the surface with a high gloss durable, protective coating that dramatically increases the stain resistance of interior concrete floors. This nonyellowing formulation enhances the appearance of standard gray, integrally colored, dyed, stained or color-hardened concrete floors. • Once applied will burnish the floor with a 1500 grit pad to lock in and finish the system. ***FINE PRINT: Existing imperfections or conditions in the concrete slab may be visible or enhanced after the concrete prep and installation of a polish system. Some of the most common are existing cracks, scratches, "ble ghosting", patches, nail holes along edges from old tack strips, aggregate exposure, existing stains, existing discoloration, spalls, existing foot prints, existing joint/seam cut imperfections. Aggregate exposure is not guaranteed on specific levels chosen all concrete is different. A Sample is highly advised before starting larger projects. A demo fee will be applied if	\$20,100.00



In the discussion: Vanities and toilets removed to polish floors. We can replace with new at no additional labor charge. Estimate \$8000 for new vanities, toilets, similar to 26 (Corian)



Project #3

Fire Station 22 Flooring

Remove all flooring up stairs and replace. Remove all downstairs flooring, abate all asbestos flooring under carpeted areas, polish and seal concrete on first floor.

1. BEM confirmed the presence of asbestos in approximately 1000 square feet of first floor.
2. Asbestos Abatement estimate \$10-15K
3. Lara's Concrete Polish 20-22K

Minimum project total estimate first floor; \$30-37K

Upstairs portion project 3 would be to consider replacing carpet on second floor of station 22. 1440 square feet, \$12-15k Carpet.

Total project 3 estimate; \$42-52K (We could also replace any vanities and toilets during this time)



As we look back at 2024 we can be proud of the facilities projects completed including landscaping at administration. Painting of both fire station 22 and 23. Remodeling of two bathrooms at fire station 26.







2025 Apparatus Replacement Plan

Current Fleet

- 8 Type I Engines (1) OES
- 2 Type III Engines
- 2 Type VI Engines
- 2 Type I Water Tenders
- 1 Quint
- 3 Water Rescues

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Type I Engines

- E21 HiTech, built in 2025 (Not yet in Service)
- E23 Pierce, built in 2015
- E24 Rosenbauer, built in 2018
- E26 Pierce, built in 2015
- OES 347 HME, built in 2008
- E221, E224, E226, are all Pierce builds from 2004

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Type III Engines

- B23 E-One built in 1999
- B24 HME built in 2011



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Type VI Engines/Water Tenders

- G21 Ford/Stahl built 2003
- G26 Ford/Stahl built 2003
- Future OES no ETA (2025)
- WT 21 Burtons built in 2008
- WT 23 Rosenbauer built in 2017

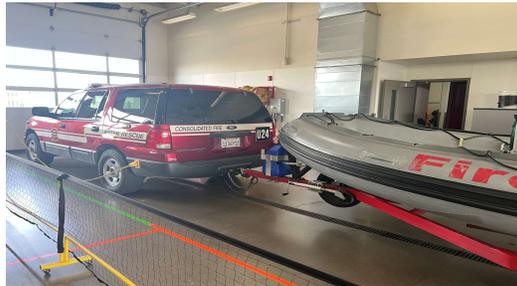


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Water Rescues

- Utility 21 Ford Expedition 2010, Boat built in 2012
- Utility 24 Ford Expedition 2004, Boat built in 2015
- Utility 26 Ford Expedition 2012, Boat built in 2024



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Quint

- Quint 22 Pierce built in 2013



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Annual Apparatus Maintenance Cost

- 2019-2020 \$ 179,458
- 2020-2021 \$ 215,290
- 2021-2022 \$ 251,191
- 2022-2023 \$ 336,615
- 2023-2024 \$ 299,654
- 2025- to date \$ 298,942

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2025 Fleet Replacement Plan

- Type I Engines every 20 years
- Keep reserve engines up to 30 years if fiscal and mechanically sound
- Quint replace at 15 years and keep as a backup for ISO purposes.
- Type III and VI engines every 25 years, no reserves.
- Water Tenders every 30 years, no reserves.
- Utilities (Tow vehicles) 20 years or as BC vehicles retire.
- Boats every 10 years; currently have one spare in good condition.

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Replacement Schedule	Fleet Id	Engine Number	Replacement year	Estimated Replacement Cost	
Quint	13-01	Q-22	2028	\$2,500,000.00	
Eng1	15-01	E-23	2035	\$1,500,000.00	
	15-02	E-26	2035	\$1,500,000.00	
	18-01	E-24	2038	\$1,668,000.00	
	25-01	E-21	2045	\$1,920,000.00	
	RES Eng 1	04-01	E-221	2034	
	04-03	E-224	2034		
	04-04	E-226	2034		
Type 3	99-03	B-23	2024	\$500,000.00	
	11-02	B-24	2036	\$665,000.00	
Type 6	03-01	G-26	2026	\$318,000.00	
	03-02	G-21	2027	\$327,000.00	

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Water Tender	08-03	WT-21	2033	\$223,200.00	
	17-01	WT-23	2047	\$415,000.00	
WR Tow Vehicle	04-05	U-24	2024	\$70,000.00	
	09-01	U-21	2029	\$80,500.00	
	12-01	U-26	2032	\$84,700.00	
WR Boat	12-03	BO-24	2022		
	15-03	BO-21	2025	\$51,500.00	
	24-03	BO-26	2034	\$63,500.00	
BC Vehicle	24-02	BC-2	2026	\$106,000.00	
	11-01	BC-202	2024		

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Projected Costs for 2025-2026

- Type III Engine \$560,000 (Cash)
- Quint \$2,500,000 (Finance)
- Type I Engine \$1,300,000 (Finance)
- Water Rescue Tow Vehicle \$60,805 (Cash)

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Lease Options (Pierce)

Lease Purchase Plan

- With a lease purchase plan, you can purchase the apparatus gradually over time. This allows you to use available capital for operations or other needs. At the end of the lease, you can purchase the apparatus for just \$1. Terms for this plan range from 2 to 15 years (10 years for apparatus with commercial chassis).
- Pierce-Dollar-Sign-Financial-Services Choose a lease purchase if:
You prefer ownership of the apparatus and need to spread capital costs over time.

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Turn-In Lease Plan

- The turn-in lease plan contains a “balloon payment” for the estimated resale value of the apparatus at the end of the lease. A department has two options at lease term:
- Purchase the apparatus by paying off or refinancing the "balloon payment."
- Return the apparatus to Pierce and lease a new Pierce apparatus (Pierce pays off the “balloon payment”).
- Terms for this plan range from 2 to 10 years. This lease contains mileage and apparatus condition provisions, with 10,000 and 15,000 annual mileage options available.

- Pierce-Dollar-Sign-Financial-Services Choose a turn-in lease if:

You want to pay for the use of the apparatus over the lease term and need a flexible, cost-effective fleet management program.

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Questions?

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