

Call to Order and Roll Call

- Chair Call to Order and Opening Comments
- Roll Call
 - Trial Court Facility Modification Advisory Committee Chair
 - Trial Court Facility Modification Advisory Committee Members
 - Facilities Services Staff
 - Guests



Consent Calendar

Minutes from open meeting on August 30, 2021



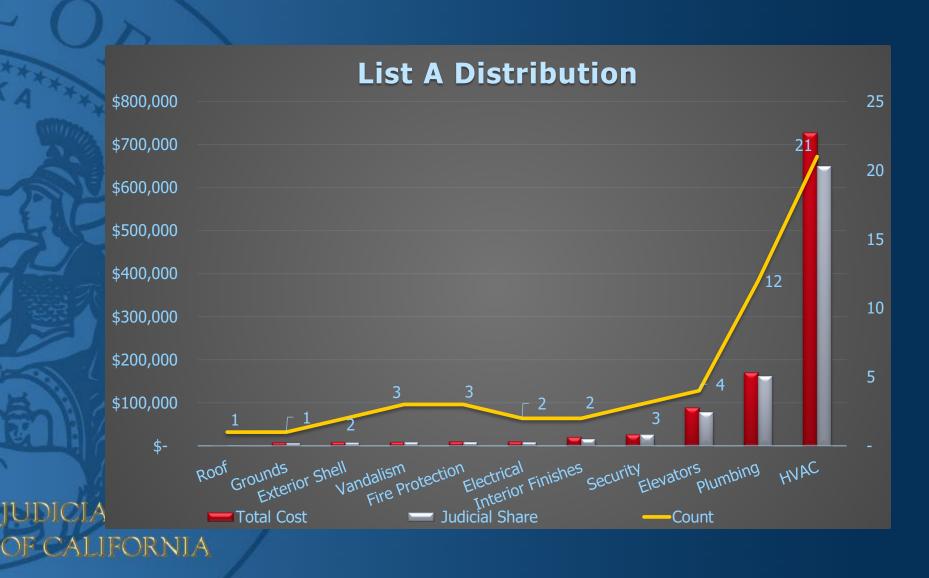
Action Item 1 List A – Emergency Facility Modifications (Priority 1)

- There were 54 new Priority 1 FMs this period
- Total estimated FM Program budget share is \$973,040

FY 21-22 P1 Revised Budget Allocation	Prior Approvals for FY 21-22	Proposed Approvals	Remaining Balance
\$22,000,000	\$1,541,853	\$973,040	\$19,485,107



Action Item 1 List A – Emergency Facility Modifications (Priority 1)



Action Item 1 List A – Emergency Facility Modifications (Priority 1)

FM-2000631 Riverside Family Law Court – HVAC

Bad Board



Blown Power Supply



Temporary Chiller Delivery





List A – Emergency Facility Modifications (Priority 1)

FM-2000632 Imperial County Courthouse – HVAC







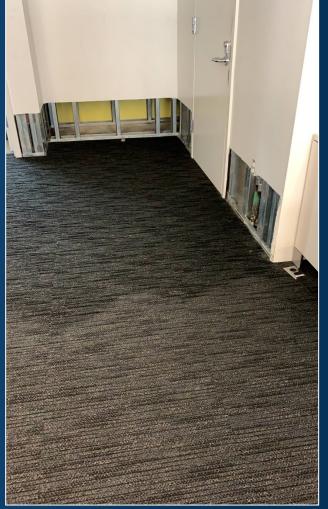




List A – Emergency Facility Modifications (Priority 1)

FM-2000644 San Benito County Superior Court – HVAC





Action Item 2 List B – Facility Modifications Under \$100K (Priority 2)

- There were 56 new P2 FMs under \$100K this period
- Total estimated FM Program budget share is \$703,818

FY 21-22 P2 Under \$100K Budget Allocation	Prior P2 Under \$100K Approvals for FY 21-22	Proposed Approvals	Remaining Balance	
\$7,500,000	\$937,400	\$703,818	\$7,266,418	

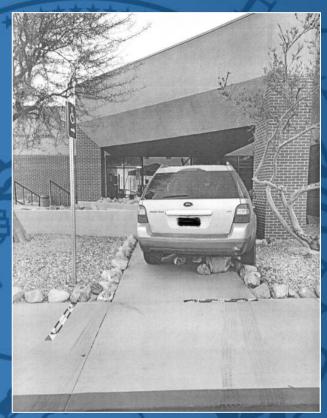


Action Item 2 List B – Facility Modifications Under \$100K (Priority 2)



List B — Facility Modifications Under \$100K (Priority 2)

FM-2000398 San Bernardino – Joshua Tree Courthouse – Grounds







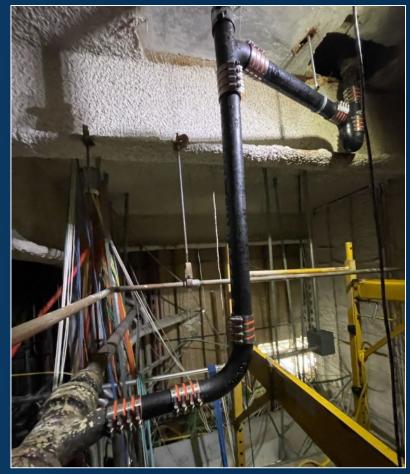


List B — Facility Modifications Under \$100K (Priority 2)

FM-2000725 Orange Central Justice Center – Plumbing



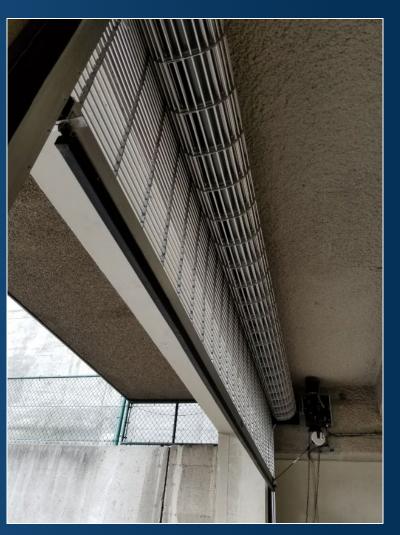




List B — Facility Modifications Under \$100K (Priority 2)

FM-2000739 Orange – Central Justice Center – Exterior Shell





- Impacts 5 FM projects
- Total FM Value \$838,530
- Program Budget Impact \$733,684



San Diego No. County Reg'l Center-North - FM-0061728 — Roof

County	Building	Bldg. ID			_	Amount of Increase
San Diego	North County Regional Center – North	37-F2	FM-0061728	\$783,485	\$962,554	\$179,070

Reason for Increase: The additional cost is needed for adding shunt trip, power demand monitors at switchboard, correcting jack hole diameter and insulation test for the feeders.

Notes: FM Program Budget Share is 100%, therefore cost increase to FM Budget is \$962,554.



Kern County Bakersfield Juvenile Center - FM-0063354 — Exterior Shell

County	Building	Bldg. ID	FM ID			Amount of Increase
Kern	Bakersfield Juvenile Center	15-C1	FM-0063354	\$45,000	\$132,807	\$87,807

Reason for Increase: The original amount was an estimate, and the bids came in much higher.

Notes: FM Program Budget Share is 66.76%, therefore cost increase to FM Budget is \$58,620.



Los Angeles Alhambra Courthouse - FM-0142909 — Exterior Shell

County	Building	Bldg. ID				Amount of Increase
Los Angeles	Alhambra Courthouse	19-I1	FM-0142909	\$418,706	\$520,903	\$102,197

Reason for Increase: The pre-renovation survey conducted by the environmental consultant determined presence of hazardous Polychlorinated Biphenyls (PCBs) in the caulking material that must be removed in accordance with federal, state and local regulations.

Notes: FM Program Budget Share is 86.00%, therefore cost increase to FM Budget is \$87,889.



Ventura County Hall of Justice - FM-0058877 — HVAC

V	County	Building	Bldg. ID				Amount of Increase
	Ventura	Hall of Justice	56-A1	FM-0058877	\$335,328	\$305,853	\$305,853

Reason for Increase: Not a cost increase. The committee originally approved \$335,328 in July 2016. Funds reverted before the county completed the work and invoiced the Judicial Council. The final project cost is \$305,853.

Notes: FM Program Budget Share is 100%, therefore cost increase to FM Budget is \$305,853



Kern County Bakersfield Superior Court - FM-0144225 - Roof

w.	County	Building	Bldg. ID				Amount of Increase
	Kern	Bakersfield Superior Court	15-A1	FM-0144225	\$199,205	\$362,808	\$163,603

Reason for Increase: The original amount was an estimate, and the bids came in much higher.

Notes: FM Program Budget Share is 62.50%, therefore cost increase to FM Budget is \$102,252.



Action Item 4 List D — Facility Modifications over \$100K (Priority 2) and Priority 3 Projects

- Review Priority 2 FMs over \$100K
- Approve 5 of the projects for a total cost to the Facility
 Modification Program budget of \$2,179,691



List D – Facility Modifications over \$100K (Priority 2) and Priority 3 Projects

FM-2000887 Los Angeles – Pasadena Courthouse - Grounds





Action Item 5 2022 TCFMAC Meeting Schedule

Approve proposed 2022 TCFMAC meeting schedule

	Meeting Date	Type of Meeting	Time
	Monday, January 31, 2022	In Person Meeting*	10:00 - 3:00
J	Monday, March 7, 2022	Phone Meeting	12:00 - 1:30
	Monday, April 11, 2022	In Person Meeting*	10:00 - 3:00
	Monday, May 23, 2022	In Person Meeting*	10:00 - 3:00
Ž	Monday, July 18, 2022	In Person Meeting*	10:00 - 3:00
4	Monday, August 29, 2022	Phone Meeting	12:00 - 1:30
<u> </u>	Friday, October 28, 2022	2-day meeting 10/27 & 10/28/22	10:00 - 3:00
E	Monday, December 5, 2022	Phone Meeting	12:00 - 1:30
E		-	

^{*}In-Person meetings are held in Judicial Council offices in Sacramento unless otherwise noted and are subject to change due to the Covid pandemic.



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines

- Air Scrubber Pilot Project
- Status of the Draft Policy
- Review of Interim Guidelines
- Requested Actions



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

Project Goal

 Perform assessment to determine if air scrubbers improve indoor air quality during wildfire smoke events

Methodology

- Conduct baseline monitoring for PM2.5 before deployment of air scrubbers
- Industrial Hygienist identified the number and locations of air scrubbers
- Conduct air monitoring for PM2.5 while using air scrubbers
- Analyze the PM2.5 data to determine if the use of air scrubbers helped to improve air quality

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Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

- Assessment performed between August 17 September 9 in El Dorado and Shasta Counties at three courthouses
- Wildfire smoke effects from
 - Caldor Fire, El Dorado County
 - McFarland Fire, Shasta County
 - Dixie Fire, Shasta County
- Strong smoke odor inside facilities and low outdoor visibility
- Char and ash observed outside and inside door thresholds

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Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

Redding Main Courthouse, Annex and Modular



- Main built in 1956
 - 44,528 square foot, 3-story building
 - Exterior construction concrete block and mortar
- Annex built in 1965
 - 35,445 square foot, 3 story building
 - Exterior construction concrete block and mortar
- Modular built in 2008
 - 4,320 square foot, single story building
 - Exterior construction vertical wood siding
- All have operable windows which were closed during the assessment

Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project Redding Main Courthouse, Annex and Modular

- 19 air monitoring devices deployed, and baseline testing performed for 7 days before installation of 11 air scrubbers
- Main 5 air scrubbers installed, additional 8,500 cfm of air
- Annex 4 air scrubbers installed, additional 6,000 cfm of air
- Modular 2 air scrubbers installed, additional 4,000 cfm of air
- Air monitoring continued for 7 days
- Baseline data collected pre-air scrubber installation was compared to postinstallation data



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project Redding Main Courthouse, Annex and Modular

- Data did not show consistent improvement of air quality while operating air scrubbers
- Data showed the outdoor air quality had a heavy influence on the indoor air quality
- No improvement identified in areas, including those with operating air scrubbers
- The use of air scrubbers did not consistently improve air quality throughout the facility, including locations adjacent to operating air scrubbers



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project Placerville Main Street Courthouse



- Built in 1913
- 18,560 square foot, 3-story building
- Exterior construction is white concrete block and mortar
- The building has operable windows which were closed during the assessment

Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

Placerville Main Street Courthouse

- 5 air monitoring devices deployed, and baseline testing performed for 14hour period before installation of air scrubbers
- 4 air scrubbers installed delivering an additional 8,000 cfm of air
- Air monitoring continued for 8 days
- Baseline data collected pre-air scrubber installation was compared to postinstallation data



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

Placerville Main Street Courthouse

- Data did not show consistent improvement of air quality while operating air scrubbers
- Data showed the outdoor air quality had a heavy influence on the indoor air quality
- Slight improvement identified in areas with operating air scrubbers
- No identifiable improvements noted for areas without air scrubbers
- The use of air scrubbers did not consistently improve air quality throughout the facility



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project Johnson Building, South Lake Tahoe



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- Built in 1974
- 37,453 square foot, 2-story building
- Exterior construction is wood siding and decorative stone
- The building has operable windows which were closed during the assessment

Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

Johnson Building, South Lake Tahoe

- 5 air monitoring devices deployed, and baseline testing performed for 12hour period before installation of air scrubbers
- 6 air scrubbers installed delivering an additional 7,500 cfm of air
- Air monitoring continued for 11 days
- Baseline data collected pre-air scrubber installation was compared to postinstallation data



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Air Scrubber Pilot Project

Johnson Building, South Lake Tahoe

- Data did not show consistent improvement of air quality while operating air scrubbers
- Data showed the outdoor air quality had a heavy influence on the indoor air quality
- Slight improvement identified in areas with operating air scrubbers
- No identifiable improvements noted for areas without air scrubbers
- The use of air scrubbers did not consistently improve air quality throughout the facility



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Status of the Draft Policy

- Purpose establish guidelines for the use of air scrubbers in Judicial Council owned and managed facilities
- Goal Define actions taken by Judicial
 Council during wildfire events to support court facilities, operations and occupants
- Principle Judicial Council will not fund efforts that have not been scientifically proven to have an effect



Judicial Council of California Policy on the Use of Air Filtration Devices During Wildfires

OCTOBER 29, 2021



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Status of the Draft Policy

- Efficacy: Use of air scrubbers does not reduce PM2.5 and does not improve indoor air quality
- Funding: JCC will not fund the use of air scrubbers in court facilities
- Sanctioned Use: Courts may utilize air filtration devices at their own expense
- Other Mitigation Measures:
 - When AQI for PM2.5 is 151 or greater, operators of HVAC systems may minimize outside air, to the extent feasible
 - Employers may provide respirators to their employees for voluntary use
 - Evacuation of court facilities is the responsibility of the court



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Review of Interim Guidelines

Interim Guidelines:

Outside AQI	Judicial Council share	Trial Court share
<400	0%	100%
>400	50%	50%

- Options for Consideration until policy adoption:
 - 1. Allow the interim guidelines to remain in effect
 - 2. Modify the interim guidelines



Action Item 6 Air Scrubber Pilot Project, Draft Policy, and Interim Guidelines Requested Actions

- Action requested on draft policy
- 2. Action requested on Interim Guidelines
- * Facilities Services will present the air scrubber data analysis to CEAC on November 3, 2021.

Optional Policy Development Schedule:

	Description	Dates
Š	Public Comment Period	November 1 through December 1, 2021
27	TCFMAC Approval	December 6, 2021
11	E&P Submittal	January 3, 2022
)]; JJ	Judicial Council Submittal	March 3, 2022

Action Item 7 Trial Court Facility Modifications Report for Quarter 1 of Fiscal Year 2021-22

Refer to meeting materials for FY 2021-22 Q1 report



Discussion Item 1 Director's Report

- Service Provider Performance
- Real Estate Policy Subcommittee
- Grant Program Wakefield Taylor Generator
- Leak Detection Update



Discussion Item 2 List E – Court Funded Requests

Approved CFRs:

- Colusa (FM) Courthouse Annex \$7,000
 - 2. Los Angeles (FM) Multiple \$1,616,000
 - 3. Los Angeles (FM) Clara Shortridge Foltz \$80,000
 - 4. Los Angele (FM) Van Nuys Courthouse East \$139,304
 - 5. Los Angeles (FM) El Monte Courthouse \$735,255
 - 6. Merced (FM) Old Court \$15,000
 - 7. Merced (FM) Old Court \$40,000
 - Placer (FM) Tahoe City Courthouse \$150,000
 - 9. Sacramento (FM) Juvenile Courthouse \$9,744



Discussion Item 2 List E – Court Funded Requests

Approved CFRs:

- 10. Sacramento (Lease) William Ridgeway Courthouse \$246,316
- 11. San Bernardino (FM) Multiple \$750,000
- 12. San Diego (Lease) East County Regional \$540,662
- 13. Santa Clara (Lease) Multiple \$90,000
- 14. Sonoma (Lease) Garrett Hall \$37,600

There were no canceled CFRs this reporting period.



Discussion Item 3 List F – Funded FMs on Hold

- FMs on Hold for Shared Cost Approval
 - 3 Projects
 - \$3,147,567 JCC Share



Sustainability Plan for Trial Court Facilities

(Adopted by TCFMAC on December 07, 2020)

Goal #1: Reduce greenhouse gas emissions, reduce energy usage/costs, and conserve natural resources

Goal #2: Ensure compliance with state sustainability initiatives in all new construction and major renovation projects

Strategies Underway to Achieve Goals

- 1. On Site Solar Generation and Storage
- 2. Electric Vehicle Charger Installations
- 3. Utility Data Tracking: Water, Energy and Waste



Discussion Item 4 - Sustainability Update On Site Solar Generation and Storage

Benefits

- On-Site Renewable Power Generation will provide 9% of 2020 Portfolio Electricity
- Carbon Emission Reductions 5.3% GHG reduction
- Financial Savings (\$1M/yr.)
- Resiliency some locations will be able to support Court operations during grid outage events

Methodology

- Initial Assessment of Suitable Sites 44 sites identified in 2020
- Construction Manager selected Sage Renewables July 2021
- Removal of 11 sites considered to be unsuitable
- RFP for Developer in process
- Execute 33 individual 20-year Power Purchase Agreements with Developer List of specific sites included in Materials

Timeline

- RFP issued in February 2022
- Projects completed by December 2023



1. On Site Solar Generation and Storage (continued)

CA Energy Commission voting on proposed changes to the 2022 Energy Code in December that would

Require On Site Solar Generation & Battery Storage for

All New Non-Residential Construction

Climate zone-dependent



2. Electric Vehicle Charger Installations

California has a

2025 target of 250,000 **electric vehicle (**EV) charging stations and a **2030 target** of five million zero-emission vehicles (ZEVs).

Southern California Edison (SCE), an investor-owned utility (IOU), has a program to help fully and partially fund EV charging stations.

• Five Southern California sites being considered for full funding by SCE. These would provide over 190 ports. All energy costs to be paid for by the user. Timeline: Infrastructure & Chargers Completion August 2022 Site List in Materials.





3. Utility Data Tracking: Water and Energy

The Sustainability Plan includes the need to identify baseline usages for utilities across the portfolio to accurately measure usage reduction. The 2020 implementation of the Energy Manager system enables this through:

Automatic monthly uploads of utility usage and cost data by site for 191 Facilities



3. Data Tracking: Water

2019 Baseline Water Usage in Millions of Gallons: 406

2020 Water Usage in Millions of Gallons: **343**Reduction of almost 16%, but largely due to reduced court operations during pandemic.

2030 Targeted Water Usage in Millions of Gallons: **284**

22-23 Leak Detection BCP submitted August 2021.

Additional strategies forthcoming in proposed update to 2015 Water Conservation Policy in Spring 2022



- 3. Data Tracking: Energy
 - **Three Energy Data Points**
- ACTUAL ENERGY USAGE Actual kilowatt hours (kwh) or therms used per utility bills, normalized to one energy unit – Million British thermal units (MBtu)
- CARBON/GHG REDUCTION net reduction of carbon or Greenhouse Gasses. Courthouse Energy Use, equates to 95.7% of the emissions currently tracked
- ENERGY USE INTENSITY (EUI) a measure of the energy efficiency of a building, similar to miles per gallon



3. Data Tracking: Energy (continued)

	ENERGY	Baseline	CY	Percentage	CY	Percentage	Target
	ENERGY DATA POINT	2018	2019	Change from Baseline	2020	Change from Baseline	2030
	Energy Used (Unit: Million BTU, in thousands)	1,198	1,191	-0.58%	1,173	-2.06%	714
	GHG Reduction (Unit: Metric Tons of CO ₂ equivavent, in thousands)	84	79	-5.71%	76	-9.76%	36
W. W. W. W.	EUI (Unit: kBTU/ft²) *	77.2	76.9	-0.39%	75.6	-2.07%	46

Note: Data only for JCC-managed facilities; minor increase in number of buildings tracked for energy usage between 2018 and 2020 from 161 to 163; minimal impact to overal usage, and portfolio floor area.

* Like MPG, but for buildings. Weather normalized.



3. Energy Data Tracking (continued)

On October 1st, Judicial Council Approved Membership in Tuolumne Public Power Agency

Annual energy costs for New Sonora Courthouse expected to be roughly \$100,000 less than through an Investor Owned Utility (IOU)



Future Strategies to Achieve Goals

- 1. Water Policy update
- 2. Education Materials/Communication Plan
- 3. Recycling/Composting Policy update



Information-Only Item 1 Deferred Maintenance Funding - DMF-2 Projects Update

	Project Status	Number of	Orig	ginal Estimate	E	incumbe re d
h		Projects				Amount
	Roof Projects					
	Construction	3	\$	6,047,257	\$	2,937,307
	Completed	3	\$	1,194,857	\$	1,650,281
à	Deferred to next DMF	4	\$	5,857,919	\$	143,326
	Subtotal	10	\$	13,100,033	\$	4,730,914
5						
gy.	Elevator Projects					
B	Construction	8	\$	10,692,430	\$	18,942,814
	Close-Out	3	\$	2,095,183	\$	2,420,323
N	Completed	6	\$	7,107,412	\$	8,155,312
М	Deferred to next DMF	2	\$	720,203	\$	356,024
	Subtotal	19		20,615,227		29,874,474
	BAS Projects					
9	Agency Review	2	\$	3,569,000	\$	3,286,528
1	Construction	2	\$	3,492,000	\$	5,174,588
v	Cancelled	1	\$	124,000	\$	-
٧,	Deferred to next DMF	22	\$	18,528,000	\$	1,933,497
//	Subtotal	27		25,713,000		10,394,612
A						
	HVAC Cooling System					
	Deferred to next DMF	1	\$	537,636	\$	-
	Subtotal	1	\$	537,636	\$	-
1	Building Assessment					
1	Completed	1	\$	5,000,000	\$	5,000,000
A	Subtotal	1	\$	5,000,000	\$	5,000,000
A						
	Grand Total	58	\$	64,965,896	\$	50,000,000

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Information-Only Item 2 DMF-3 Projects Update

Project Status	Number of Projects	Oı	riginal Estimate	Cu	rrent Amount
Fire Alarm System Projects					
Procurement	8	\$	10,381,763	\$	10,381,763
Plan Review	1	\$	4,618,237	\$	4,618,237
In Construction	2	\$	818,308	\$	818,308
Subtotal	11	\$	15,818,308	\$	15,818,308
Grand Total	11	\$	15,818,308	\$	15,818,308





Information-Only Item 3DMF-4 Projects Update

Project Status	Number of Projects	Ori	ginal Estimate	Cui	rrent Amount
Roof Projects					
Project Review	18	\$	12,569,994	\$	12,569,994
Planning/Design	11	\$	7,131,339	\$	7,131,339
Subtotal	29	\$	19,701,333.3	\$	19,701,333.3
Elevator Projects					
Project Review	6	\$	14,380,091	\$	14,380,091
Planning/Design	11	\$	56,386,348	\$	56,386,348
Subtotal	17	\$	70,766,439	\$	70,766,439
Fire Protection Projects					
Project Review	3	\$	359,045	\$	359,045
Cancelled	1	\$	12,712	\$	12,712
Subtotal	4	\$	371,757	\$	371,757
Electrical Projects					
Project Review	21	\$	5,376,750	\$	5,376,750
Subtotal	21	\$	5,376,750	\$	5,376,750
BMS Projects					
Project Review	27	\$	45,583,116	\$	45,583,116
Planning/Design	5	\$	8,883,169	\$	8,883,169
Procurement/Bid/Award	6	\$	11,024,464	\$	11,024,464
Subtotal	38	\$	65,490,749	\$	65,490,749
HVAC Projects					
Project Review	11	\$	8,043,447	\$	8,043,447
Planning/Design	7	\$	10,249,526	\$	10,249,526
Subtotal	18	\$	18,292,973	\$	18,292,973
Grand Total	127	\$	180,000,000	\$	180,000,000

Information Only — Item 4 Architectural Revolving Fund — Projects Update

Refer to materials for report



Meeting Calendar

	Meeting Date	Type of Meeting
	Friday, January 29, 2021	Phone
	Monday, March 8, 2021	Phone
	Monday, April 12, 2021	Phone
	Friday, May 14, 2021	Phone
	Monday, July 19, 2021	Phone
	Monday, August 30, 2021	Phone
	Friday, October 29, 2021	Phone
>	Monday, December 6, 2021	Phone
	*Subject to change due to Covid.	



Next Meeting

Adjourn to Closed Session Closing Discussions Chair Closing Comments JUDICIAL COUNCIL OF CALIFORNIA