

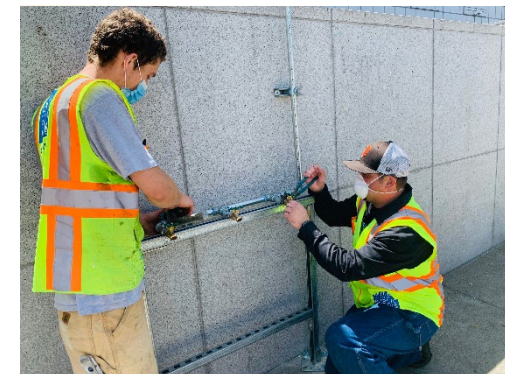


October 20, 2025

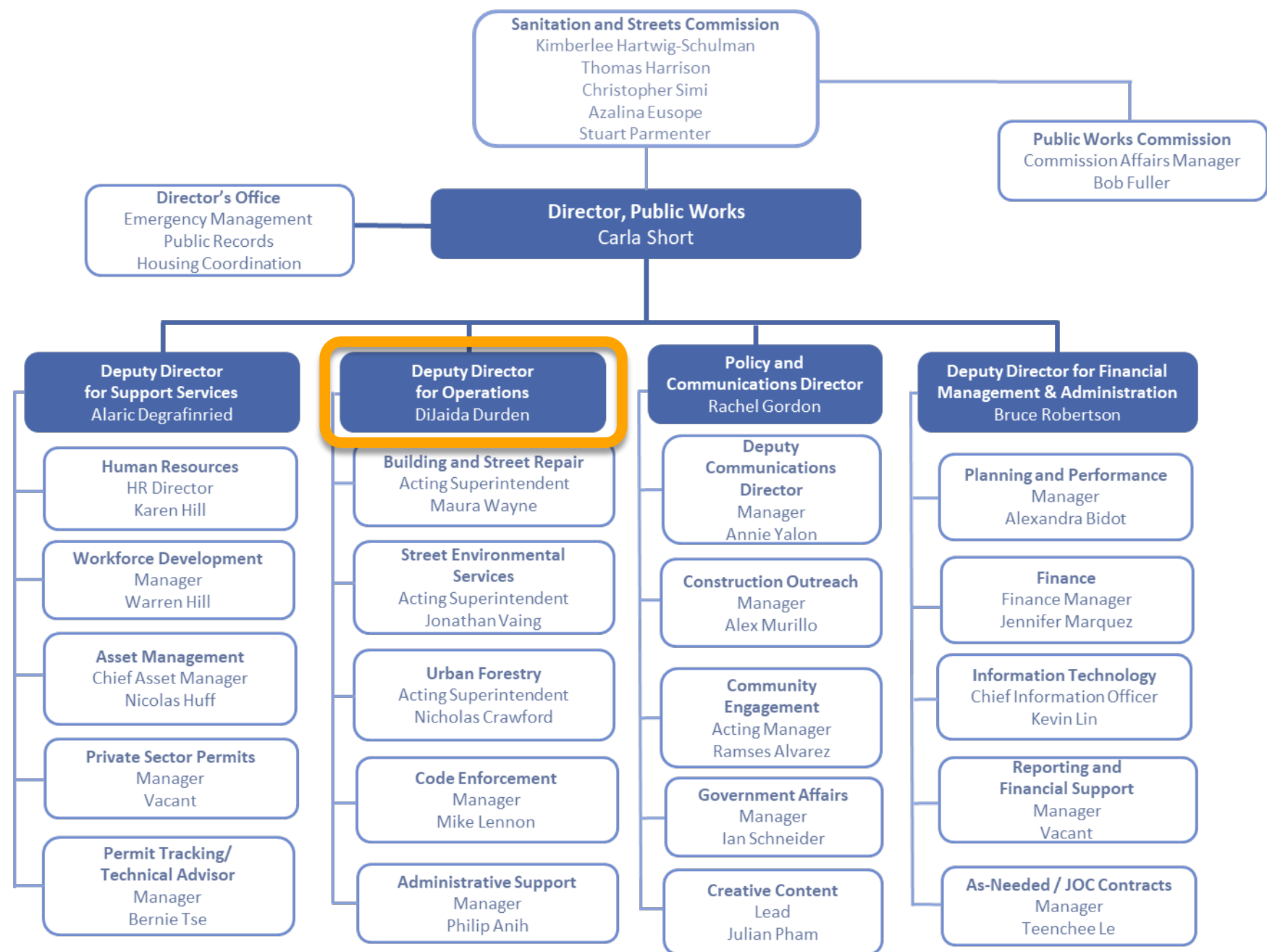
Electric Vehicle Transition

John Leal

Heavy Equipment Operations Supervisor



Where We Fit



Fleet Team

John Leal – Heavy Equipment Operations Supervisor/Fleet Manager

Chris Brown – TPV Heavy Equipment Operations Assistant Supervisor

Mike Anderson – Acting Heavy Equipment Operations Assistant Supervisor

Fleet Responsibilities

- **Manage:**

- More than 1,000 vehicles and pieces of equipment
- \$9 million fuel and maintenance budget
- portable and mobile radios
- vehicle repairs, smog tests and maintenance requests with Central Shops
- Public Works' speeding violations, parking citations and toll violations
- GPS user database, GPS installation, removal and troubleshooting
- DMV PIN Pull license notifications and DMV PIN Pull on-boarding / off-rolling

- **Provide:**

- recommendations on repairs of equipment to bureau superintendents and managers
- bureaus with status reports on equipment purchases, repairs and retirement procedures
- cost analysis of repair expenditure versus equipment replacement

- **Collaborate**

- with manufacturers, vendors and bureaus to facilitate re-training and new training equipment
- with vendors regarding equipment specs., modifications and completion status

- Respond to City Attorney's information requests
- Manage/monitor Morse key watcher system
- Replace vehicle fuel keys
- Custodian of vehicle spare keys
- Respond to DMV license/vehicle registration inquiries for investigation purposes
- Assist with data reporting and documentation regarding vehicles, aligning equipment purchases with the budget
- Routinely inspect equipment and vehicles for bureaus
- Confer with repair shop supervisors, mechanics and Central Shops managers regarding vehicle and equipment assignment, performance, repair schedule and PMI
- Write, plan, recommend and review specifications for vehicles that will be purchased or rented
- Engage with suppliers to provide equipment demonstrations
- Investigate complaints about vehicle/equipment condition abuse

Fleet Responsibilities



Vehicle Age / Equipment Citywide

Aging Fleet

0-10 years old: 3,965 vehicles

11-20 years: 2,990

21-30 years: 1,303

31-40 years: 204

41+ years: 94

Medium/Heavy Duty Zero Emission Vehicle Regulations

- Jan. 1, 2024, through Dec. 31, 2026, 50% of all vehicles over 8,500 Gross Vehicle Weight Rating (GVWR) will have to be zero emission (ZEV)
- Jan. 1, 2027, all purchases will have to be ZEVs

Medium/Heavy Duty Zero Emission Vehicle Regulations

- There are exemptions now but California Air Resources Board (CARB) will require all vehicles that are 13 years or older and over 8,500 GVWR to be replaced before any are granted (CARB will not grant any exemptions while any City department has credits)
- Beginning in 2036 all vehicles over 8,500 GVWR sold in California will have to be ZEVs (this means no more exemptions)
- CARB has indicated there will be enforcement and it will be costly But, won't say what the fines will be.

Zero Emission Vehicle Requirements

Health and Clean Transportation Ordinance (HACTO): City Ordinance #115-17 enacted 2017

Section 4.10-1 – City-Owned and -Leased Vehicles

All light-duty passenger vehicles must be ZEVs by December 2022

Section 404 – New or Replacement Motor Vehicles

(a) Compliance – Vehicle Selector List, Transit First Policy, etc.

(b) Waiver

(c) Exemptions – Emergency Vehicles, etc. Lights and sirens only

Annual Vehicle/Equipment Procurement

Term Contract (No Bidding)

1	Department	Identify vehicle need & submit request to MBO
2	FLEET	Review request and make recommendations based on turn-ins, usage, etc.
3	MBO	Grant budget approval
4	Department	Submit VAR, TC order sheet to FLEET, along with ZEV waiver if applicable
5	FLEET	Review VAR for compliance, and send back to Department once approved
6	Department	Submit requisition (in Peoplesoft) to OCA, attaching approved VAR, etc.
7	OCA	Review requisition
8	OCA	Issue purchase order (if lease, issue OPF lease purchase transaction letter)
9	Vendor (Dealer)	Order vehicle
10	FLEET	Take delivery of vehicle, registration documents and invoice
11	FLEET	Perform/Coordinate in-servicing tasks (inspection, pay packet, decals, etc.)
12	Department	Pay invoice promptly after receiving pay packet from FLEET
13	Department	Pick up vehicle when ready, turn in old vehicle

Annual Vehicle/Equipment Procurement

Non Term Contract (Bidding)

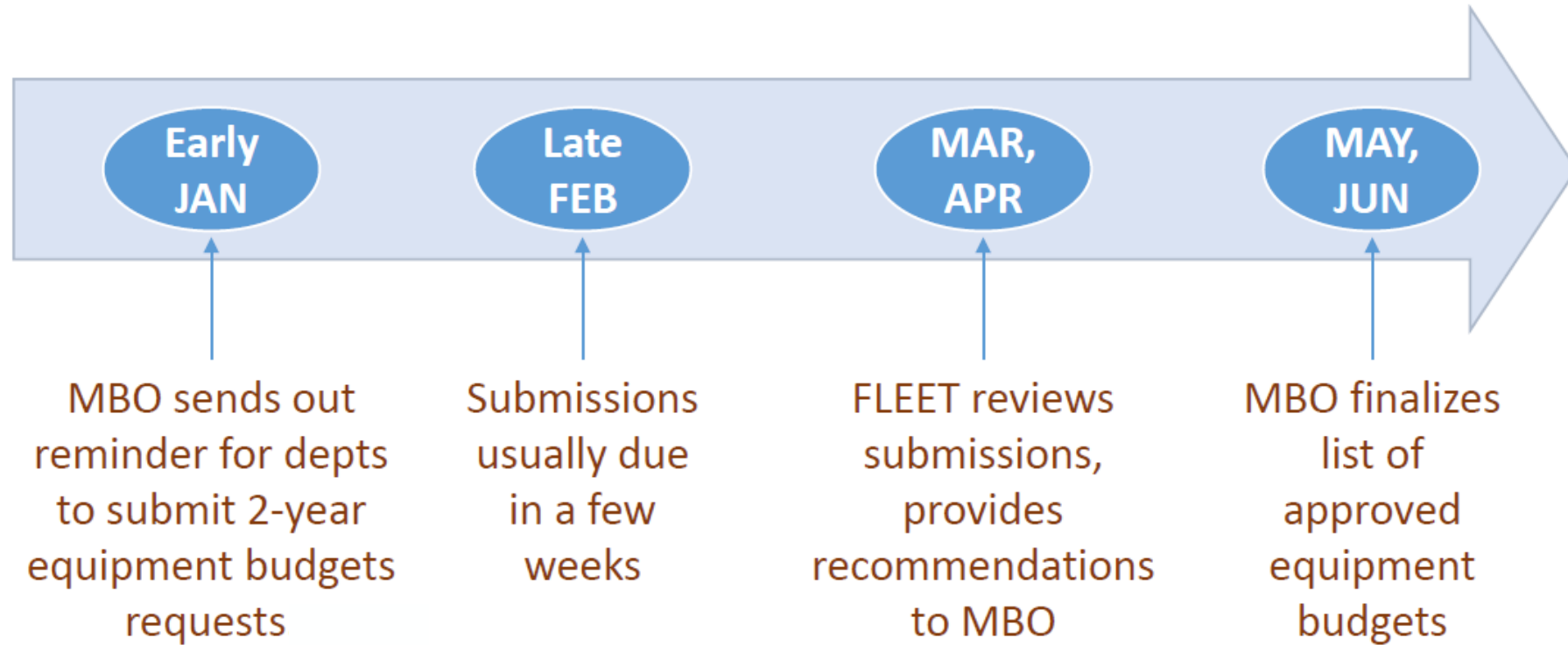
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|----|----------------------|--|
| 1 | Department | Identify vehicle need & submit request to MBO |
| 2 | FLEET | Review request and make recommendations based on turn-ins, usage, etc. |
| 3 | MBO | Grant budget approval |
| 4 | Department | Submit VAR to FLEET, along with ZEV waiver if applicable |
| 5 | FLEET | Review VAR for compliance, and send back to Dept once approved |
| 6 | FLEET | Review and/or develop vehicle specs |
| 7 | Department | Provide feedback on the specs where clarification is needed, etc. |
| 8 | FLEET | Finalize specs with Dept, sign VAR for final approval and send back to Dept |
| 9 | Department | Submit requisition (in Peoplesoft) to OCA, attaching final specs, approved VAR, etc. |
| 10 | OCA | Review requisition, prepare and issue bid |
| 11 | OCA/Department/FLEET | Host pre-bid conference with vendors, if needed |
| 12 | OCA/Department/FLEET | Receive and evaluate bids |
| 13 | OCA/Department | Accept and award bid |
| 14 | OCA | Issue purchase order (If lease, issue OPF Lease Finance Transaction Letter) |
| 15 | Vendor (Dealer) | Order vehicle |
| 16 | FLEET | Take delivery of vehicle, registration documents and invoice |
| 17 | FLEET | Perform/Coordinate in-servicing tasks (inspection, pay packet, decals, GPS, etc.) |
| 18 | Department | Pay invoice promptly after receiving pay pack from FLEET |
| 19 | Department | Pick up vehicle when ready, turn in old vehicle |

Submission Deadlines for Equipment

Purchasing Type	VAR Submission to Central Shops by:	PO Submission to OCA by:
Not on a City Contract	11/03/2025	02/06/2026
On a City Contract	12/15/2025	03/06/2026

Annual Vehicle/Equipment Budgeting

- Budget requests made through Excel file (Form 4) from MBO.



Public Works Trucks



Public Works Trucks



Public Works Trucks



New Electric Fleet Options



New Electric Fleet Options



New Electric Fleet Options



Thank You!





QUESTIONS?