



# SHOPP Facility Asset Management

Michael Johnson P.E.

State Asset Management Engineer

Shannon Similai

Division Chief – Business Operations

California Department of Transportation – January 2023

# Facility Types in the SHOPP

	Facility Type	Count
<b>Transportation Related Facilities</b>	Maintenance Stations	377
	Equipment Shops	27
	Transportation Laboratories	10
	Traffic Management Centers	13
	Roadside Rest Area Buildings	86
	Commercial Vehicle Enforcement	83
	Office Buildings	28



# Covid and Remote Work

## Minimal Change in Utilization

- Maintenance Stations
- Equipment Shops
- Transportation Labs
- Traffic Management Centers
- Roadside Rest Area Buildings
- Commercial Vehicle Enforcement Facilities

## Remote Work Impacting Utilization

- Office Buildings

# Improving Facility Asset Management

## Asset Management has relied on age

- Only available data
- Based on area

## Moving to a condition based assessment

- Maintenance Stations
- Roadside Rest Buildings
- Office Buildings
- CVEF's

## New Condition Assessments

- Condition Criteria
- Regular Assessments
- Includes function
- Better Asset Management

# 2022 SHOPP Project Highlights

TRF's and Office Buildings - 28 Projects - \$459 million

## Project Highlights

District 2 - Grass Lake Maint. Station - \$25 million

District 4 – Materials Laboratory - \$29 million

District 5 – SLO Maint. Station and Shop - \$105 million

District 7 – Doran Maint. Station - \$19 million

District 10 – Caples Lake Maint. Station - \$33 million

# 2022 SHOPP Project Highlights

Safety Roadside Rest Area (SRRA) - 13 Projects \$194 million

## Project Highlights

District 6 – Fresno 41, 99, 168 - \$17 million

District 8 – Riverside, Cactus City Rest Area - \$39 million

District 8 – San Bernardino, John Wilkie Rest Area - \$42 million

District 10 – Stanislaus, Westley Rest Area - \$22 million

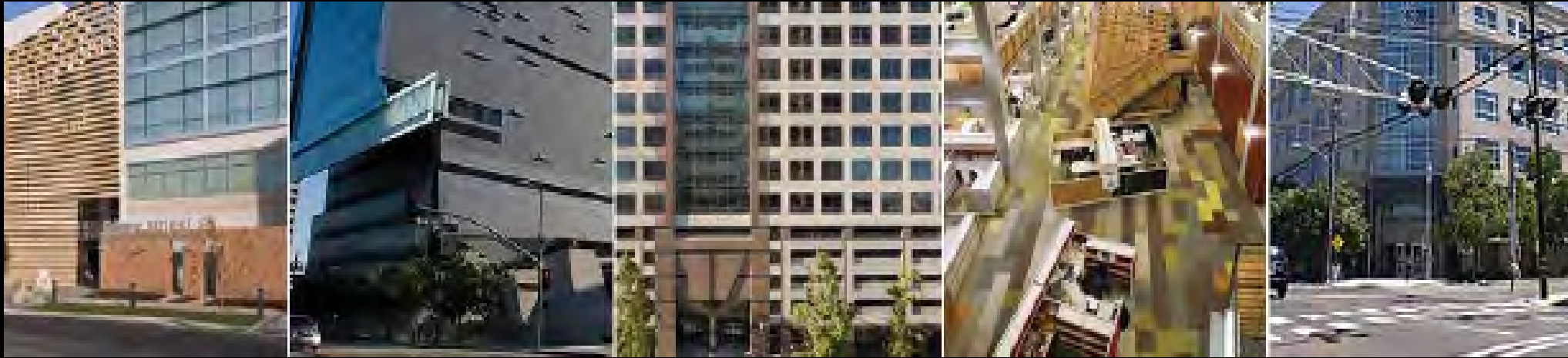
# 2022 SHOPP Project Highlights

Commercial Vehicle Enforcement/ WIM - 6 Projects \$71 million

## Project Highlights

District 7 – Route 118 - \$26.7 million

District 8 – Interstate 10 - \$18.5 million



# Caltrans Office Building Update



# Caltrans Office Buildings Portfolio

- Division of Business Operations
  - 12 District office building locations and Sacramento Headquarters
  - Approximately 3.3 million square feet
- Maintenance Responsibility
  - Caltrans – Districts 1, 5, and 9
  - Department of General Services (DGS) – Districts 3 and 11
  - Caltrans and DGS - Districts 2, 4, 6, 7, 8, 10, and Headquarters
  - Leased – District 12



*District 7, Los Angeles*

# Office Buildings Management

- 2022 SHOPP Project
  - **FY 2024-25:**  
District 4, Oakland District Office Cooling Tower and Chiller Replacement  
Total Project Cost: \$4,538,000
- Updating Facility Condition Assessments (FCAs)



*Headquarters, Sacramento*

# Long-Range Building Planning

---

Evaluating space use/needs in  
Hybrid Telework environment

---

Reviewing leases when contractually  
possible

---

Consolidating some office buildings

---

SHOPP Capital improvements will  
tie directly to an SHSMP

---

New construction designed to meet  
LEED and ZNE Standards

# Green Building Actions

---

LEED Recertifications – Existing Building  
Operations and Maintenance

---

Energy

Energy Savings Program projects and  
Demand Response Program enrollment

---

Green Operations

paperless offices and organic waste  
management

---

Water Conservation

tracking and reducing water usage and  
assessing additional projects

# Questions?

- Thank you
- Contact information:
  - [Shannon.Similai@dot.ca.gov](mailto:Shannon.Similai@dot.ca.gov)
  - [Michael.b.johnson@dot.ca.gov](mailto:Michael.b.johnson@dot.ca.gov)