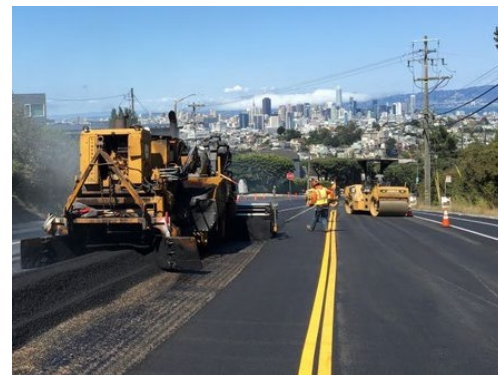
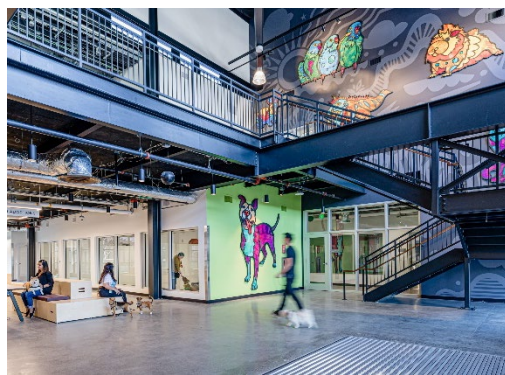


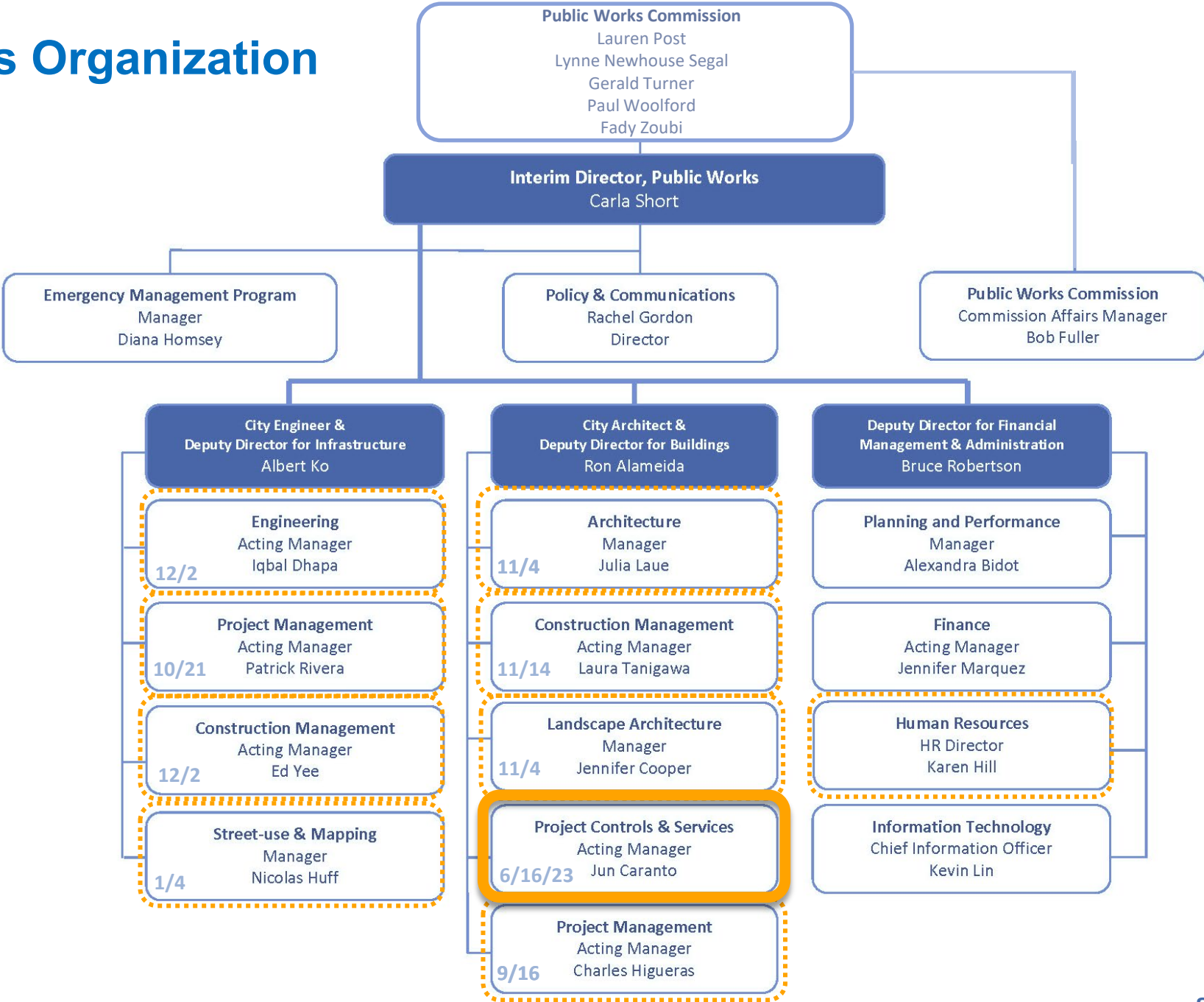
June 19, 2023
Building Design and Construction (BDC)

Project Controls & Services

Jun Caranto
Acting Bureau Manager

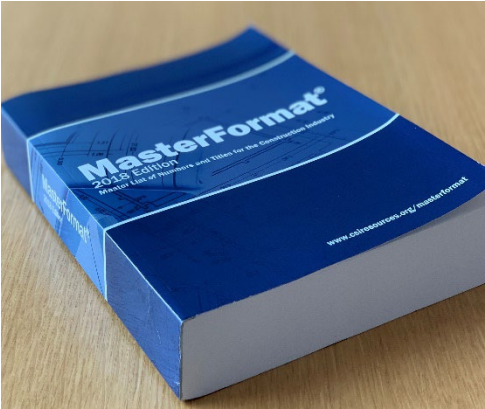


Public Works Organization



Project Controls & Services

What We Do...



Bid Package Preparation



Haz Mat and Environmental Services



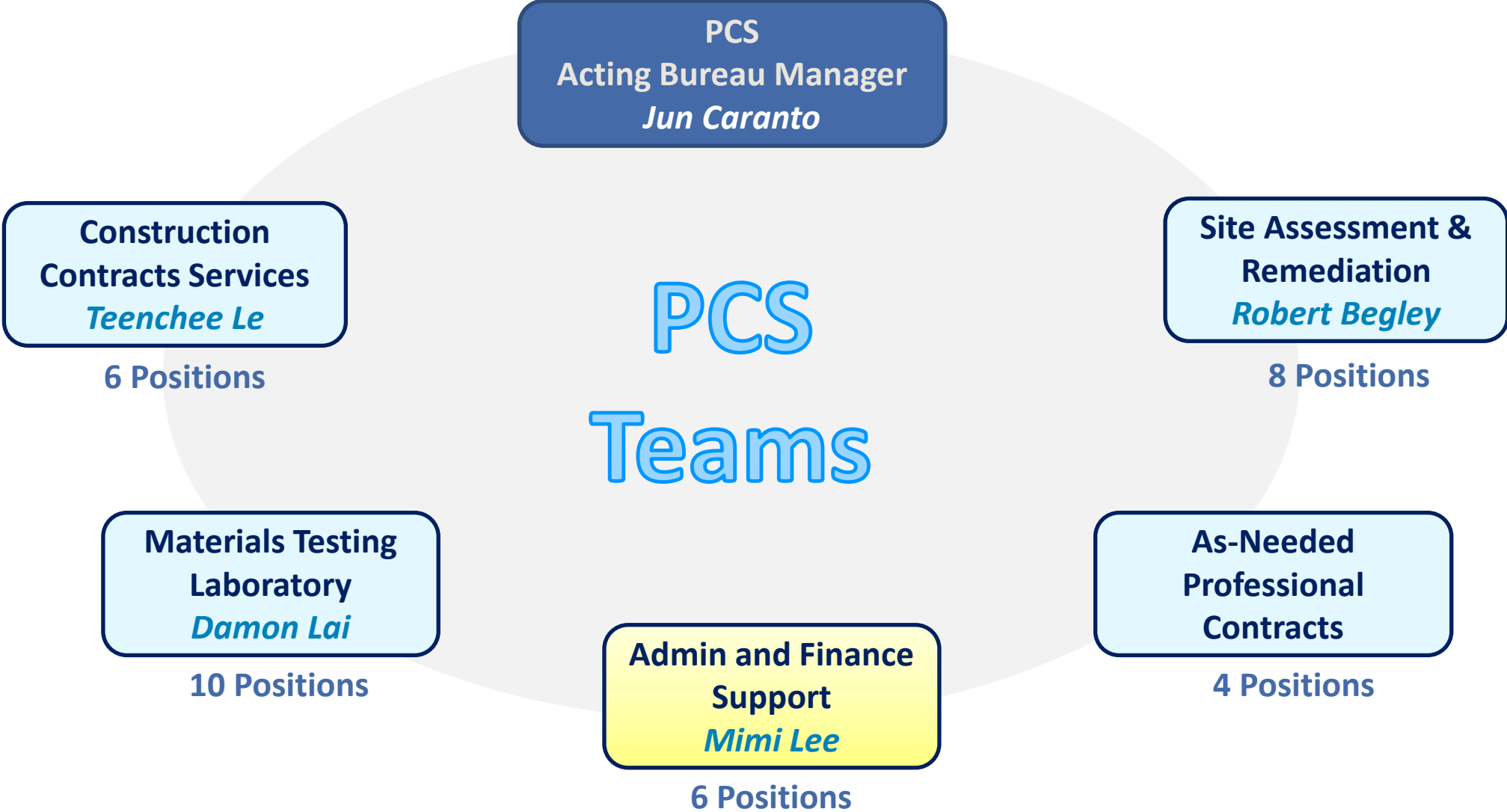
Materials Testing Laboratory



As-Needed Professional and Construction Contracts

Project Controls & Services (PCS)

Teams (Sections)



Project Controls & Services (PCS)

Clients



*San Francisco
Public Library*

PCS
Clients



ZUCKERBERG
SAN FRANCISCO GENERAL
Hospital and Trauma Center



Services of the San Francisco
Public Utilities Commission



Project Controls & Services (PCS)

Partners

PW Contract Administration

PW Regulatory Affairs

Contract Monitoring Division (CMD)

PCS Partners



Office of Labor Standards Enforcement (OLSE)

Project Controls & Services

Construction Contracts Services (CCS)

5241 Teenchee Le
(Acting Section Manager)

5207 Victor Tam

5268 Richard Gee

5203 Pansy Lam

5203 Adrian Mercado

1822 Aaron Lee



What We Do

Construction Contracts Services (CCS) Section provides support to City projects in preparing bid packages and managing JOC and as-needed construction contracts.

- **Contract Preparation** – (Ch. 6.20 – 6.27)
- **Job Order Contracts (JOC)** – (Ch. 6.62)
- **As-Needed Construction Contracts** – (Ch. 6.64)



Project Controls & Services

CCS: Contract Preparation

What We Do

Bid Package Preparation

- Formal = cost greater than Threshold (\$1M)
- Informal = cost equal to or less than Threshold

Use AUTODOCS

- Formal or Informal
- Federally funded or not
- LBE Requirements
- PLA applicable or not
- Other requirements

Coordinate with Contract Administration

Review

Bid Package

Advertise

Addenda

Award

Work with Project Manager and Design Lead

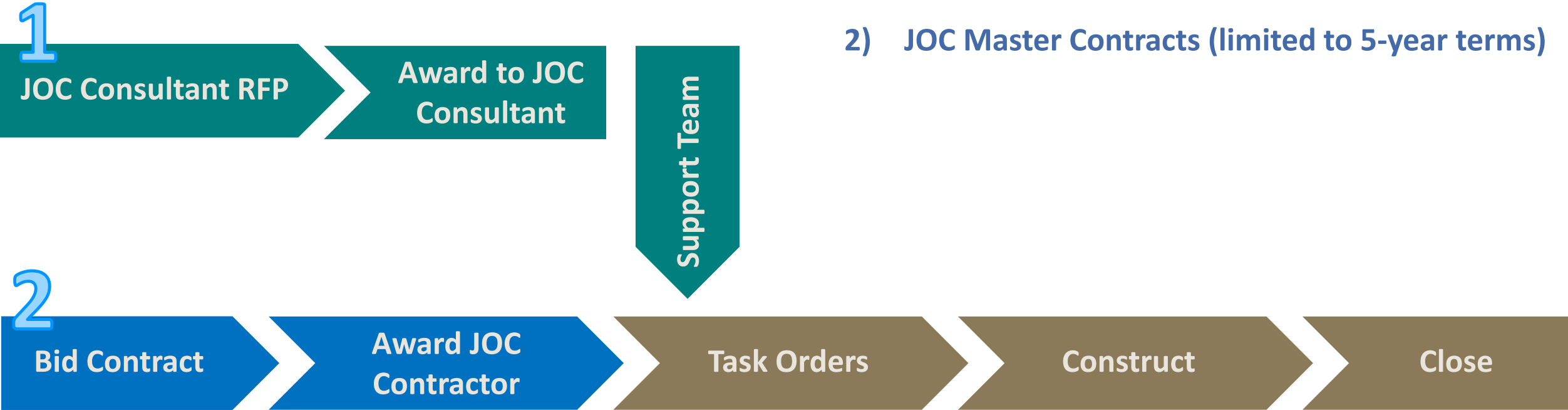
Projects Advertised in 2022
Total Formal and Informal = 36; \$285M

Project Controls & Services

CCS: Job Order Contracts (JOC)

What We Do

- 1) JOC Consultant – current: *FOS of CannonDesign*
- 2) JOC Master Contracts (limited to 5-year terms)



New JOC Contractors	General Engineering (A License)	General Building (B License)
	R&S Construction Mgt	Angotti & Reilly
	Devaney Engineering	MIK Construction
	Cal State Construction	Rubecon General Contracting

Project Controls & Services

CCS: As-Needed Construction Contracts

What We Do

➤ General As-Needed Construction Contract

- One Contractor per Contract
- Issue work as Contract Service Orders

Bid Contract

Award to Lowest Bidder

Contract Service Orders

Construction

Close



Recently awarded:

**As-Needed Citywide Pavement Preservation Contract 5
(General As-Needed Contract G23)**

Project Controls & Services

CCS: As-Needed Construction Contracts

What We Do

- Master As-Needed Construction Contracts
 - Pool of Prequalified Firms per Discipline



Sample Master Contracts	Discipline	Total CSOs Issued
	M12 – Tree Services	\$3,288,654
	M14 – Curb Ramp Construction	\$2,325,130
	M19 – Tree Planting and Watering	\$468,352

Project Controls & Services

Site Assessment & Remediation (SAR)

5644 Robert Begley
(Acting Section Manager)

6318 Antonio Erazo

5620 Jeremy Lobo

5638 Michael Fong

5638 Michael Glas

1634 Su-Wan Chang

0932 Stanley De Souza (Prop F)

5381 Julia Gandolfo



What We Do

SAR provides environmental services for City projects.

Main services include:

- Site investigation, risk assessment, and remediation
- Lead, asbestos, hazardous material assessment and remediation
- Regulatory compliance
- Hazardous materials abatement – (Ch. 6.43)
- Above and underground storage tanks
- Environmental planning
- Sediment
- Construction management support and monitoring
- Special inspection and testing
- Emergency HAZMAT Project coordination (Ch. 6.63)

Esprit Park Renovation – 700 Minnesota Street

Site Assessment & Remediation's consultant, TRC Solutions, performing soil boring sampling to a depth of 6' using a track-mounted drill rig. Sampling determines the soil characteristics for reuse of soils on site or the contamination classification for the off haul to an appropriate landfill facility.

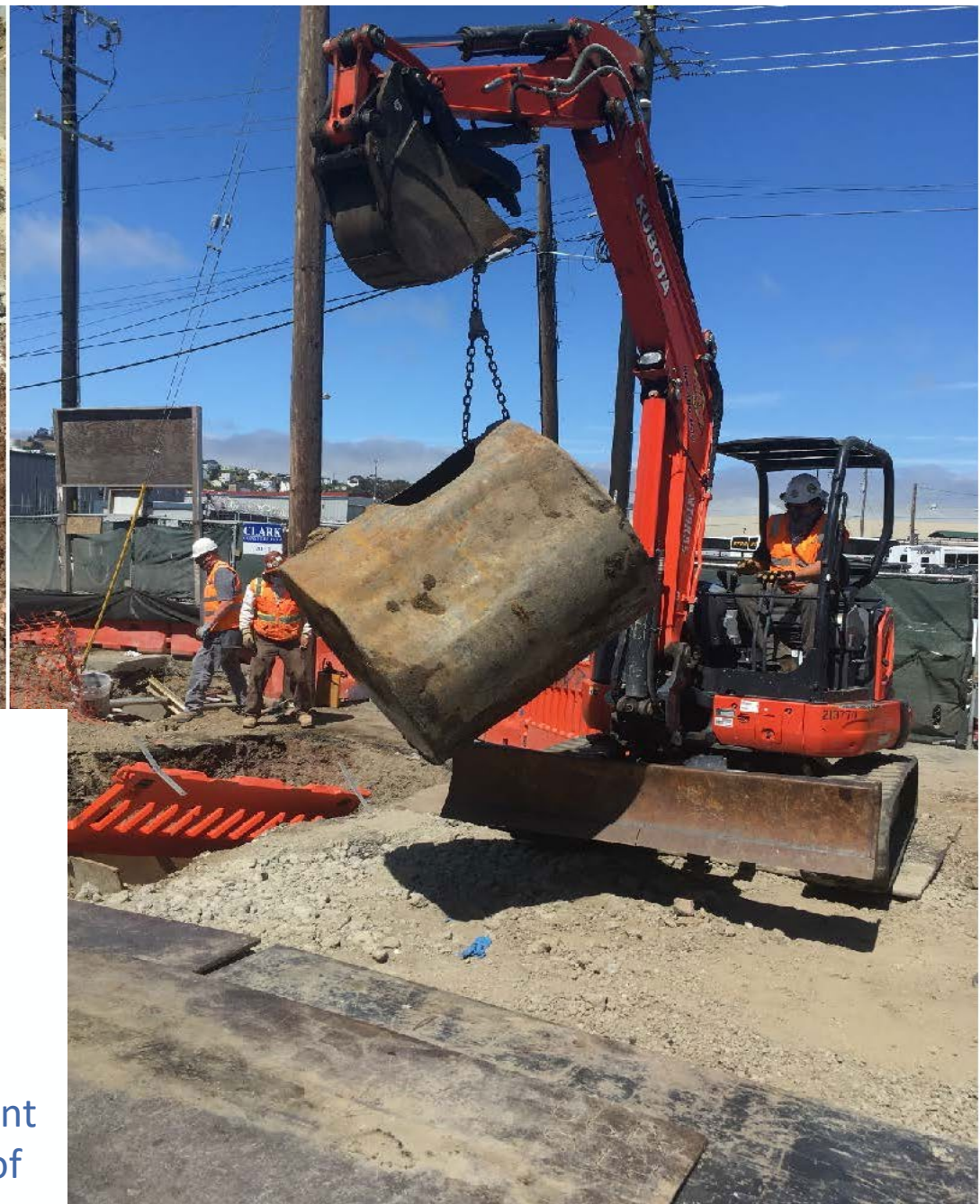




TIDA – Emergency Remediation and Clean Up

During the heavy windstorm of March 2023, a large Eucalyptus tree fell on the transformer that supports the generator on Yerba Buena Treasure Island and broke the radiator line that was filled with mineral oil. An estimated 600 gallons of oil spilled. SAR services were requested in the emergency clean up of spilled oil and to test and dispose of contaminated soils in the surrounding area.





Traffic Company & Forensic Services Division Facility – 1995 Evans Avenue

During excavation for the installation of utilities at the project site, the contractor discovered an unforeseen abandoned Underground Storage Tank (UST) approximately 300 gallons in volume. To continue the excavation work and in coordination with SF Department of Public Health regulations, SAR contracted with one of our consultants to remove the UST.

Project Controls & Services

Materials Testing Laboratory (MTL)

5211 Damon Lai (Section Manager)

5203 Daniel Tan

5201 Josephine Wang

5305 Christopher Kennedy

5305 Francis Or

5305 Wallas Ho

5304 Sean Stokke-Mcmanus

5304 Curtis Ng

5304 Ka Lai

5304 Malachi Guzman

5304 Robert Meneses Jr III



What We Do

The Materials Testing Laboratory (MTL) is a fully certified testing laboratory owned by Public Works.

➤ Main services include sampling and testing for:

- Soils and Aggregate
- Portland Cement Concrete
- Asphalt Concrete
- Reinforcing steel
- Brick
- Concrete block

➤ Other services include:

- GPR Scanning
- Design consultation
- Plan and Specifications review
- Quality Assurance Plans
- Slip-Resistance / Friction Tests

Materials Testing Laboratory

2027 Newcomb Avenue, San Francisco



Hosting a Tour during Public Works Week

**Certified by American Association
of State Highway Transportation
Officials (AASHTO)**





Large Universal Test Machine 1 (2020)



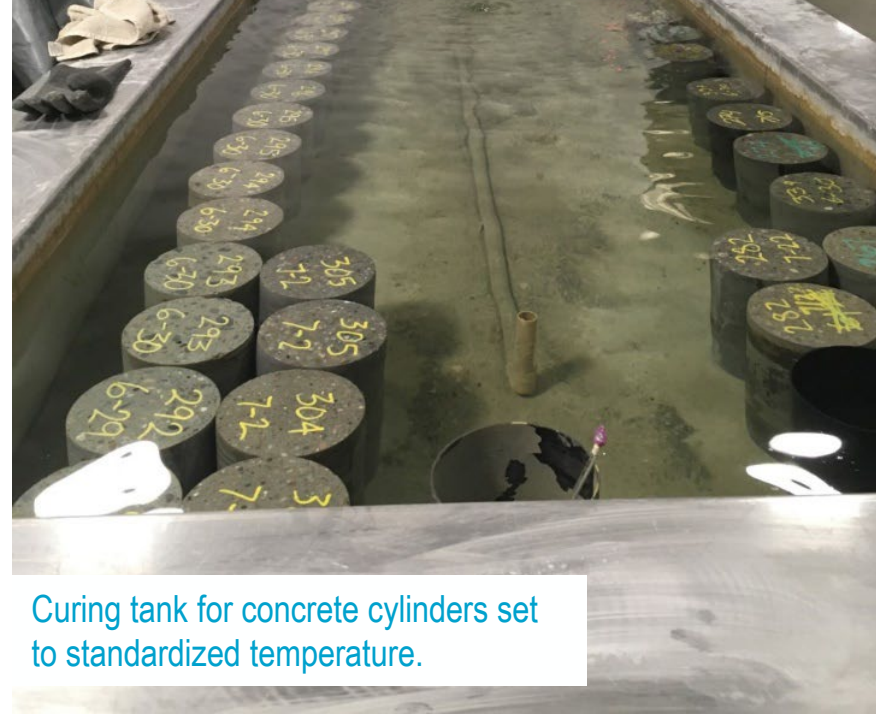
Large Universal Test Machine 2 (c. 1960s)

Universal Testing Machines

Concrete Sampling and Testing



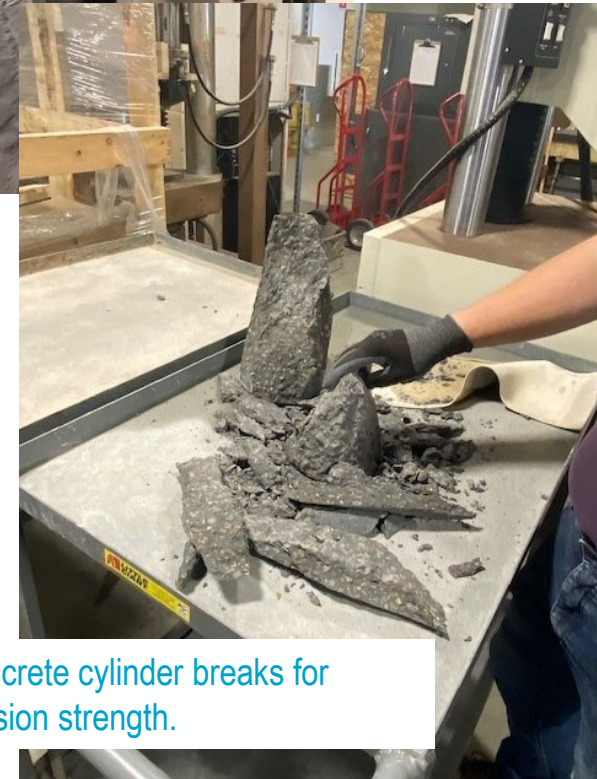
On field sampling of concrete and cylinder casting.



Curing tank for concrete cylinders set to standardized temperature.



Fog Curing room maintaining 100% humidity for concrete cylinder storing.



Daily concrete cylinder breaks for compression strength.

Soil Testing



Grab sample of soil at field site for Moisture Density Curve and Sieve analysis.



Soils testing performed by Laboratory Technician.



ASTM D6938 In-Place Density test performed on field site for compacted subsurface soils.

Special Equipment



GPR Scanner
(Ground Penetrating Radar)



SlipAlert slip test equipment – correlated to ASTM E303-93 (2018).

Project Controls & Services

As-Needed Professional Contracts

5211 Teming Hsueh
 5241 Olivia Lee
 5203 William Ng
 1842 Alex Higuera

What We Do

Manage As-Needed Professional Contracts for Engineering, Architectural, and Other Specialties.

- Initiate Request for Qualifications (RFQ) process
- Create Contract Service Orders (CSO)
- Process Invoices

Disciplines	No. of Consultants	Total Contract \$	Total Expended \$
Architecture & Landscape Arch.	11	\$20,400,000	\$8,880,943
Engineering	43	\$63,950,000	\$29,911,738
Environmental	28	\$36,950,000	\$8,160,975
Various Specialties	67	\$86,020,000	\$26,060,855

Data as of 6/2/2023

Project Controls & Services

As-Needed Professional Contracts



Sample Project

Southeast Community Center

Disciplines	Firms
Kitchen Consultant	Marshall Associates, Inc.
Civil Engineering	ARUP – SAGE, JV
Constructability Review	Construction Analysis and Planning, LLC
Lighting Design	Horton Lees Brogden
LEED	Enovity, Inc.
Waterproofing	Allana Buick & Bers
Specifications Writing	Topflight Specs
Acoustical	Shen Milsom & Wilke



QUESTIONS