



Build **PERALTA** Academy

Build Peralta Academy

Developing A Safety Program During COVID19 Era

Wednesday, September 30, 2020



AECOM

Agenda

- **Welcome**
- **Introductions**
- **Bond Program Overview**
- **Commitment to Local Businesses**
- **Course Part 1 – Construction Safety**
- **Course Part 2 – OSHA Safety**
- **Survey**
- **Closing**



BuildPERALTA
Academy

Safety - Starts with Self Wellness Tips



- Exercise. Aim for at least 30 minutes of exercise daily



- Eat healthy



- Avoid mind-altering substances



- Prioritize sleep



- Build an internal locus of control



- Quiet time 10 minutes a day



BuildPERALTA
Academy

Introductions PMO Team Presenters

Keith Kajiya, AECOM



Keith Kajiya
AECOM



Shonda Scott
360 Total Concept



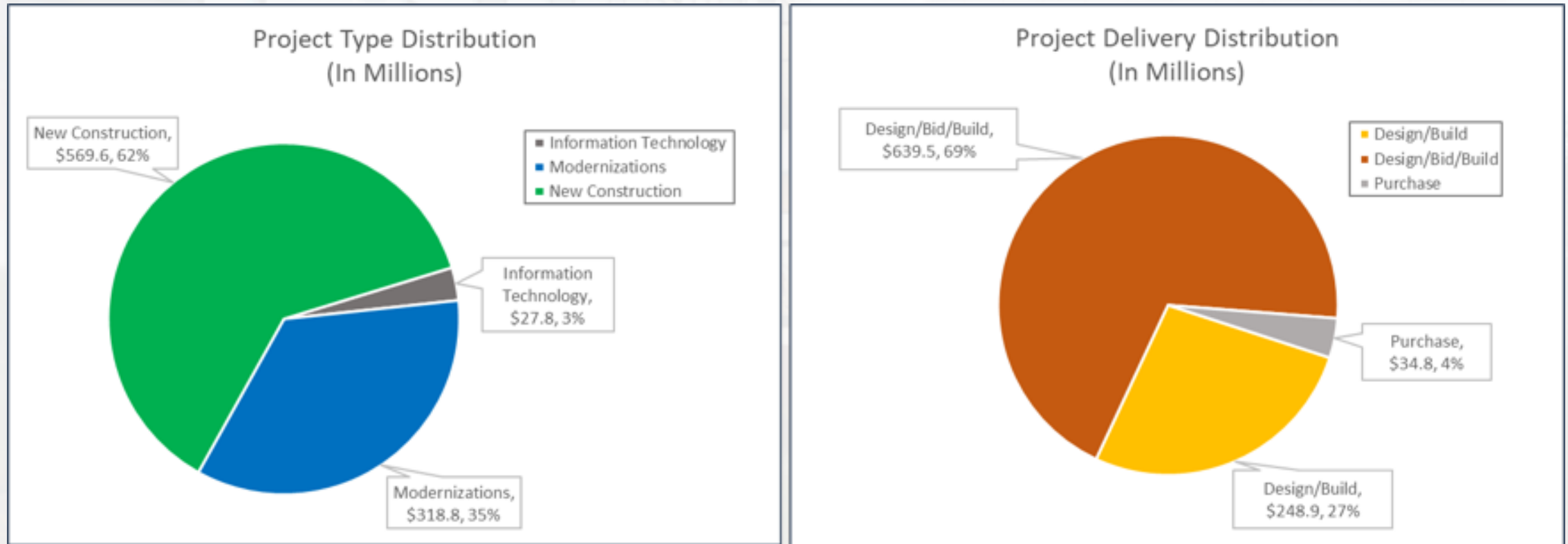
Bonnie James
BRJ & Associates



BuildPERALTA
Academy

Capital Program Overview

Keith Kajiya, AECOM



Commitment to Local Businesses

Shonda Scott, 360 Total Concept

- PCCD Small Business Policy
 - 25% Small Local Business Participation
- Host Outreach Meetings
- Matchmaking Sessions with Primes
- Build Peralta Academy
 - Technical Assistance Workshops



BuildPERALTA
Academy

Build Peralta Academy Course Schedule (9 Part Series – Technical Assistance Workshops)

Course Title	Description	Instructors	Date
Developing A Safety Program During COVID19 Era	Learn The Law(s) Federal OSHA has approved California’s use of its version of construction and OSHA safety	BRJ & Associates - Mark Edwards Avitus Group – Bill Kane	9/30/20
How to Bid Informally and Formally including CUPCCAA	Learn how to bid informally and formally including the CUPCCAA process, pre-qualification and other PCCD contracting procedures	PCCD – Brian Slaughter AECOM - Ray Loving	10/14/20
Small Business Guide to Access Capital; Manage Profitability and Cashflow	Learn about programs and opportunities for small businesses to achieve capital/cashflow in a COVID-19 Era, including PPP loan forgiveness	SBA - Julie Clowes Summit Bank - Tom Duryea FHLB–Kevin Blackburn PCV - Adria Moss Avitus Group - Pete Maki 360 Total Concept - Shonda Scott	10/28/20
Change Management: How to Manage Scope, Schedule & Budget	Learn the principles of planning for the identification and management of changes	PCCD Program Management/ Construction Management PM Panel: AECOM, BRJ, Kitchell, Roebblen, Swinerton	11/12/20
How to Obtain Bonding/Insurance	Learn how to obtain construction bonds and insurance for major projects and how to build bonding capacity for your company	Merriwether & Williams	11/18/20
Learn more about PCCD Small Business Program and Local Small Business Certification	Learn about PCCD’s small local business program and how to get certified with local agencies	PCCD - Atheria Smith City of Oakland - Ernestine Nettles Port of Oakland - Ramona Dixon	12/09/20
How to Prepare Estimate	Learn the principles of how to prepare a construction estimate	AECOM - Peter Morris	12/16/20
Scheduling 101 - How to Prepare A Schedule	Learn the basics about project schedules: from critical path method to work breakdown structure and everything in between	AECOM - Craig Olsen	1/12/21
How Labor Compliance is Implemented at PCCD	Learn what is needed when working under a Project Labor Agreement, including guidelines and challenges that can impact small businesses	TBA	TBA



Meet
The
Expert



Mark Edwards

Executive Vice President, COO
BRJ & Associates
mark.edwards@brjassociates.com



BuildPERALTA
Academy

Course Overview Part 1

Construction Safety - General

- *It's The Law*
- *Employer Responsibilities*
- *Safety Plan*
- *Hazard Control Hierarchy*
- *Construction Safety Hazards*



Pop Quiz

- Who is responsible for construction safety?



© Pleated Jeans

Construction Safety - General

- What is construction safety?



It's The Law

Mark Edwards, BRJ & Associates, LLC

Construction Safety - General

- OSHA

- Established April, 1971 as part of the U.S. Department of Labor
- Employer has both general and specific responsibilities to create and maintain a safe work environment for its employees

Safety is the Control of
Recognized Hazards
to attain an
Acceptable Level of Risk

- Cal/OSHA

- Cal/OSHA administers its own plan, approved by Fed-OSHA, under the California Department of Industrial Relations (DIR)
- Cal/OSHA has some greater levels of protection than Fed-OSHA
 - Some lower permissible exposure limits
 - Some Cal/OSHA standards more protective than Federal OSHA
 - 7 different areas of Cal/OSHA coverage where there is no Federal counterpart



Employer Responsibilities

Mark Edwards, BRJ & Associates, LLC

- General Duty to provide a workplace free from recognized hazards that could cause injury or death
- Injury & Illness Prevention Program (IIPP)
- Inspect workplace to identify & correct hazards
- Make sure employees have and use safe tools and properly maintained equipment
- Provide personal protective equipment (PPE)
- Use color codes, posters, labels or signs to warn employees of potential hazards
- Establish/update operating procedures
- Provide medical examinations and training when required
- **IMMEDIATELY REPORT** serious injury, illness, or death of an employee

Construction Safety - General

- Keep records of work-related injuries and illnesses
- Post Cal/OSHA poster of employee rights
- Cal/OSHA form 300 summary of occupational injuries and illnesses
- Provide access to employee medical and exposure records to employees or authorized rep
- Do not discriminate against employees who exercise their rights under the California OSH Act
- Post Cal/OSHA citations at/near work area involved
- Correct cited violations by deadlines set by Cal/OSHA
- And much more!



Safety Plan

Mark Edwards, BRJ & Associates, LLC

Construction Safety - General

- Emergency Action Plan
- General Health and Safety Plan for Construction
- Hazard Assessment & PPE Plan
- Fire Prevention / Safety Plan
- Forklift Safety Plan
- Lock-Out / Tag-Out Plan
- Occupational Noise Exposure / Hearing Conservation Plan
- Hazard Communication Plan
- Fall Protection Plan
- Evacuation and Trenching Safety Plan
- Asbestos Control Plan
- Confined Space Entry Plan
- Respiratory Protection Plan
- Steel Erection, Site-Specific Plan



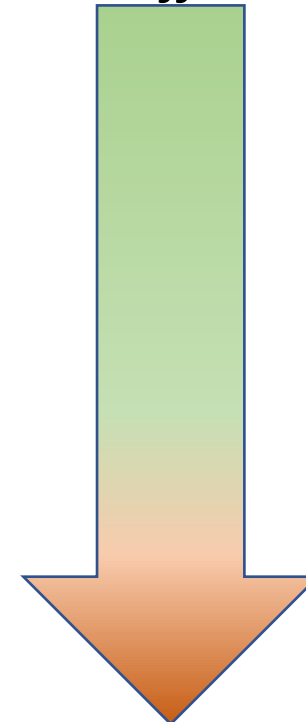
Hazard Control Hierarchy

Mark Edwards, BRJ & Associates, LLC

Construction Safety - General

- Elimination or substitution
- Engineering Controls
- Safety devices (guards, interlocks)
- Warning systems
- Administrative Controls (work methods, training)
- Personal Protective Equipment

Most Effective



Least Effective

Construction Safety Hazards

Mark Edwards, BRJ & Associates, LLC

Construction Safety - General

Potential hazards for workers in construction include:

- Falls (from heights);
- Trench collapse;
- Scaffold collapse;
- Electric shock and arc flash/arc blast;
- Failure to use proper personal protective equipment; and
- Repetitive motion injuries

For construction, the 10 OSHA standards most frequently included in the agency's citations in FY 2019 were:

- Fall Protection – General Requirements ([1926.501](#)): 6,010 violations
- Hazard Communication ([1910.1200](#)): 3,671
- Scaffolding ([1926.451](#)): 2,813
- Lockout/Tag-out ([1910.147](#)): 2,606
- Respiratory Protection ([1910.134](#)): 2,450
- Ladders ([1926.1053](#)): 2,345
- Powered Industrial Trucks ([1910.178](#)): 2,093
- Fall Protection – Training Requirements ([1926.503](#)): 1,773
- Machine Guarding ([1910.212](#)): 1,743
- Personal Protective and Lifesaving Equipment – Eye and Face Protection (1926.02): 1,411



Safety is: ALWAYS Paying Attention to Details



- What do you see?
- What do you smell?
- What do you hear?
- What do you feel?



Q&A



Meet
The
Expert



Bill Kane

Director of Safety
Avitus Group
bkane@avitusgroup.com



BuildPERALTA
Academy

Our Roadmap (Course Overview Part 2)



Defend Yourself

What is the mindset of your organization?

Are you defending your business?

Are your supervisors defending your employees?

Are your employees defending themselves?





Expectations

- Owner Safety Philosophy
- Introduction to Safety Goals
- Define the Role of Competent Persons

Hazard Assessments- Risk

Understanding

What steps and tasks are associated with the project.

Resources, time, property, and people.

End State

Mitigation

Mitigate vs Abate

Analyze measures

Supervise and refine

Acceptance

What is acceptable loss?

Limitations – Insurance and deductibles

Communication

Adaptation

Planning, Preparation, & Execution

Empowerment



Five Step

Job Hazard Analysis



Identify

Task and Subtasks

Assess

Risk
Probability of loss
Severity of Loss

Develop

Hierarchy of Controls
Responsible parties
Documentation

Implement

Communication
Execution
Supervision

Refine

Planning, Preparing,
Execution
Empowerment





Competent Persons

Definition

One who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Examples- Cal OSHA Required

Excavation

Fall Protection

Lift Slab Construction

Structural Wood Framing

Steel Frame Erection

Understanding Claims & Injury Management

EMR

Experience Modification Factor

Factor of past performance compared to potential for future incidents

Direct impact on WC Premiums

Reportable vs Recordable

Cal OSHA-

Forms- 300's Series

Timelines

Who

What

When

Where

Treatment and Refusal to Treat

Medical Provider Network

Nurse Triage/ Self Care

Employee Refusal to Treat



Reducing Injury Costs with Early Return to Work

Early Return to Work

Why develop ERTW?

How to develop ERTW?



COVID-19

What Should Employers Do?

Familiarize with state and federal regulations

Communicate information to employees

- » Best hygiene practices
- » Prevention measures
- » How to report concerns

www.cdc.gov/coronavirus/2019-ncov/travelers/index.html



Employee Exposure

If an employee becomes ill and/or employer suspects an employee has been exposed to someone with the virus, the employer may:

- » Require the employee stay home for up to 14 days to ensure symptoms of virus do not arise
- » Require employee to provide a return-to-work (RTW) notice from their HCP
- » Provide leave to employees until the incubation period ends (14 days), or they present a RTW notice



Preparing a Plan

Develop an Action Plan

.01

Where, How, & What

Assessing level of risk

Hazard
Assessment

Implement
Plan

.03

Training

Policies/Procedures,
Use of PPE

.02

Engineering & Administrative

Temperature checks, barriers,
health screenings

Controls

Review

.04

Plan Review

Are all components
effective?

Written
Action
Plan



Top Tips for Opening Operations

Getting it Down in Writing

- » Know the difference between the Handbooks vs. a Standard Operating Procedure (SOP)
- » Be ready with supporting documentation (rehire letters, updated I-9s, W-4s, etc.)
- » Tap into existing resources (COVID-19 Labor Posters, CDC Virus FAQs, EEOC, OSHA, DOL etc.)



Hazard Assessment

- » Initial hazard survey
- » Where, how, and to what sources of SARS-CoV-2 might workers be exposed, including:
 - ▶ The general public, customers, and coworkers
 - ▶ Sick individuals or those at high risk of infection
 - e.g. International travelers who have visited locations with widespread ongoing COVID-19 transmission, workers who have had exposures to people known to have, or suspected of having, COVID-19.
 - ▶ Non-occupational risk factors at home and in community settings
 - ▶ Workers' individual risk factors
 - e.g., older age; presence of chronic medical conditions, including immunocompromising conditions; pregnancy
- » Controls necessary to address those risks

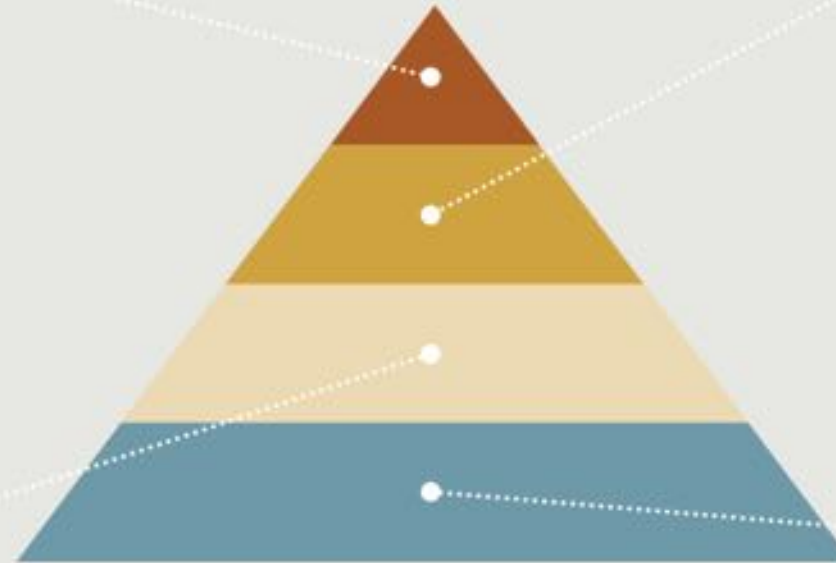
Hazard Assessment of Job Tasks

Very High Exposure Risk

- High potential for exposure to known or suspected sources of COVID
- Performing aerosol generating procedures on or collecting specimens with potentially infectious patients.

Medium Exposure risk

- Jobs that require frequent/close contact with people who may be infected



High Exposure Risk

- Tasks with high potential for exposure to known sources of COVID-19
- Support roles e.g. delivery

Lower Exposure Risk

- No contact

Preparing A Plan

Controls

» Engineering Controls

- ▶ Temp Check for example (administrative)
- ▶ Barriers
- ▶ Positioning


» Administrative

- ▶ Return to work daily screening for employees
- ▶ Limiting staff & customers in areas
- ▶ Cleaning/disinfecting

» Personal Protective Equipment

- ▶ Employer mandated (policy)
- ▶ Consider supply chain



- 
- Building a Culture of Safety (Defend Yourself, Defend Your Employees, Defend Your Business)
 - Introduction to the high cost of a construction accident (moral commitment to safe environment)
 - Preparing to financially support an effective safety program
 - Awareness of a substandard program
 - Introduction to Risk Management
 - Being present with Safety Activities and conducting Safety Inspections
 - Understanding Claims Management
 - Using an Early Return to Work program
 - Designating and training Competent Persons

QUESTIONS?



THANK YOU



Co-Employment
Recruiting
Branding & Marketing
Insurance Services
Payroll Administration
Accounting
Tax Planning & Preparation
Human Resources
Benefits Administration
Safety & Risk Management
Information Technology
Professional Acceleration
Aventus Dental Management

Bill Kane
bkane@avitusgroup.com



AECOM



BuildPERALTA
Academy





BuildPERALTA
Academy

Build Peralta Bond Program Contact Information

Website <https://build.peralta.edu>

Email buildperalta@peralta.edu

