#### **Irvine Unified School District**

## Measure E Citizens Oversight Committee Meeting

October 9, 2017

#### AGENDA

- Financial
- Construction Market
- Communications
- Schedule
- Completed Projects (July September 2017)
- **Projects Under Construction**
- Upcoming Projects

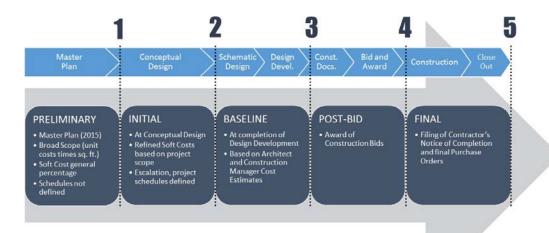


## Financial



#### **Budget versus Commitments and Expenditures**

- Account-Ability Report (dated 9/21/2017)
- Budget Update Process





- Independent Financial Audit and Independent Performance Audit
  - Auditors (Vavrinek, Trine, Day & Co., LLP)
  - Performed in September 2017, VTD currently preparing
  - COC will receive at January 22, 2018 COC Meeting
  - Present to Board at February 13, 2018 Board Meeting
- Annual Report
  - Present to Board at February 13, 2018 Board Meeting

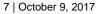




## **Construction Market**



- Construction Market Saturation
  - In 2016, **\$23.0B** in California school bonds passed
    - \$1.7B for Orange County school bonds
  - In 2016, **\$9.0B** in statewide bond (Proposition 51) passed
    - \$500M for Orange County schools awaiting state funds
  - Ongoing commercial developments
  - Ongoing residential developments



- Economic Factors
  - Construction material cost increase
    - **45%** on lumber building materials
      - Higher demand for lumber (home building)
      - Canadian lumber tariff
    - 25% on resinous materials plumbing, building materials
      - Hurricane Harvey caused significant damage to petrochemical plants
    - **25%** on copper plumbing, building materials
      - Foreign market influence (US dollar depreciation)

- Economic Factors
  - Demand for skilled workers
    - Many changed careers during the Great Recession
    - Potential relocation to Texas, Louisiana and Florida to assist with rebuilding, similar hurricane Katrina in 2005
  - Start-up construction companies
    - Inexperienced with Public Works construction
    - Low bids on multiple projects
    - Challenge obtaining qualified workers

- What is Irvine USD doing?
  - Establish "pools" of consultants
    - Mindful balance of project assignments and maintain positive relationships
  - Attract contractors to Irvine USD
    - Hire consultants who contractors want to work with
    - Use consultants as conduits to invite contractors
    - Treat contractors fair and with respect
    - Prequalify all contractors
  - Create Bid Alternates
    - Identify work that could be deferred to a later date

- Contractor Outreach Event
  - October 9, 2017

11 | October 9, 2017

- Held at Portola High School's Student Union
- Four (4) hour outreach program
- Consultants met and shared their projects with prospective contractors
- Staff on-hand to answer questions
- Over 100 attendees
- Positive feedback from contractors and consultants





Location: Portola High School 1001 Cadence Irvine, CA

Where: Portola High School Student Union Map on next page

When: 8:00 am - 12:00 pm

We look forward to seeing you there!

IUSD will embark on a significant amount of construction over the next several years. Projects will vary from new schools to facilities improvements funded by the \$310 million bord measure passed by Irvine voters in June 2016. IUSD utilizes a multiple prime contracting method which will result in many opportunities for A, B, and C licensed contractors.

OCTOBER 9, 2017 CONTRACTOR OUTREACH EVENT

Irvine Unified School District cordially invites you to

attend our upcoming contractor outreach event.

IUSD's architects and construction managers will be on-hand to meet with prospective contractors and provide specific information on the project and upcoming bid schedules. Additionally, prospective contractors can meet with IUSD representatives to inquiry about the contracting methods, prequalification process, and advantages of working with IUSD.

#### **CONTRACTOR OUTREACH EVENT**







## Communications



#### COMMUNICATIONS

- Website Updates <a href="https://iusd.org/department/measure-e">https://iusd.org/department/measure-e</a>
- Newsletter (July 2017)
- Homeowner Association Meetings
- City Meetings
- Project Information Meetings (each project)
- Bond Related Meetings
  - Bond Meetings / Study Sessions
  - Departmental Meetings
  - Schools Facilities Improvement Committee Meetings



## Schedule



#### SCHEDULE OVERVIEW

#### Four schools - construction completed

- Four schools completed by August 2017
- Two schools construction started\*
  - Two schools complete by August 2018
- Two schools construction starts winter 2017 / 18\*
- One school construction starts spring 2018\*
- Eleven schools construction starts summer 2018\*
- One school construction starts summer 2019\*

\* See next page for illustration of current schedule

Projects	2017			2018		2019	2020	
	JJAS	ONDJ	FMAI	MJJASOND	JFMAM	JJASOND	J F M A M J J A S O N D	
PROJECTS UNDER CONSTRUCTION								
Enclose Open Classrooms								
College Park ES								
Stone Creek ES							Legend	
UPCOMING PROJECTS							Preconstruction	
Modernizations - High Schools (Interim Housing Phase)							Construction	
Irvine HS								
University HS							Timelines are approximate and subject to change based on the	
Interim Campuses	puses						Division of State Architect's approval	
El Camino School								
Westwood Basics								
Modernizations - High Schools (Modernization of classroom buildings)								
Irvine HS								
University HS								
Science Labs - Middle Schools								
Lakeside MS								
Rancho San Joaquin MS								
Sierra Vista MS								
South Lake MS								
Expansion Projects								
Eastshore ES								
Venado ES								
Creekside HS								
Modernizations - Elementary Schools								
Brywood ES								
Meadow Park ES								
Westpark ES								
Springbrook ES								
Theater								
Woodbridge HS								
Athletic Field								
Northwood HS								

Y



# Projects



## Completed Projects (July - October 2017)

## **COLLEGE PARK ES**

**Construction Phase** 



Picture 2: New student collaboration space. New walls with classroom doors and windows.

## **COLLEGE PARK ES**

**Construction Phase** 



Picture 4: New moveable partition at the back of the stage.

8

## **COLLEGE PARK ES**

**Construction Phase** 



Picture 6: Three (3) temporary relocatable classroom buildings.

### **BONITA CANYON ES**

Close-Out Phase



Picture 2: New storefront door opening. New exterior classroom door (right).

### **BONITA CANYON ES**

Close-Out Phase



Picture 4: New student commons. New classroom doors (far left).

### **BONITA CANYON ES**

**Close-out Phase** 



Picture 6: New sidewalk, curb and accessible ramp.



## **CULVERDALE ES**

**Close-out Phase** 



Picture 2: New collaboration space, flexible furniture, and new window into classroom.

## **CULVERDALE ES**

**Close-out Phase** 



Picture 4: New collaboration space, flexible furniture, and new door and window into classroom.

## **CULVERDALE ES**

Close-out Phase



Picture 5: New exterior doors and concrete landings Regraded asphalt areas.

Picture 6: New exterior doors and concrete landings. New accessible ramps.

## **GREENTREE ES**

Close-out Phase



Picture 2: New collaboration space and flexible furniture. New doors and walls at classrooms.

## **GREENTREE ES**

**Close-out Phase** 



Picture 3: New ADA student restrooms in collabora space. New flexible furniture.

Picture 4: New ADA student restrooms in collaboration space. New flexible furniture.

## **GREENTREE ES**

Close-out Phase



New doors and walls at classrooms.

Picture 6: New exterior door.



#### SANTIAGO HILLS ES

**Close-out Phase** 



Picture 2: New office adjacent to collaboration space.

#### SANTIAGO HILLS ES

Close-out Phase



Picture 4: New collaboration space with flexible furniture.

#### SANTIAGO HILLS ES

Close-out Phase



Picture 6: New teacher's workroom.



## STONE CREEK ES

Close-Out Phase



Picture 2: New doors and walls at classrooms.

## STONE CREEK ES

Close-Out Phase



Picture 4: New doors and walls at classrooms.



# STONE CREEK ES

Close-Out Phase



Picture 6: Temporary relocatable classroom buildings.



# **Projects Under Construction**



## WINTER 2017/18

- Enclose Classrooms, Create Student Commons and Innovation Labs
  - College Park Elementary School (East wing of building)
  - Stone Creek Elementary School (Innovation Lab and Design Lab)
- High School Modernizations Relocatable Classrooms
  - Irvine High School (Modifications to existing relocatable classrooms)
  - University High School (New music relocatable classroom)

## **STONE CREEK ES**

**Construction Phase** 



Exterior view of Design and Innovation Labs

# **STONE CREEK ES**

**Construction Phase** 



Interior view of Design Lab





# **Upcoming Projects**



## WINTER 2017/18 – MODERNIZATION

- High School Modernizations
  - Irvine High School
  - University High School





#### IRVINE HIGH SCHOOL CLASSROOM MODERNIZATION



TYPICAL CLASSROOM RENDERING



MATH CLASSROOM BUILDING



#### SCIENCE CLASSROOM

#### HMC Architects

Ledesma & Meyer Construction Co., Inc.

"bnages are conceptual renderings and subject to change. Extent of work shown may way based on final approved blans and award of construction contracts. Printed on d004/0017



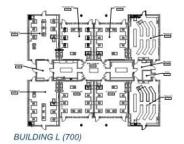
### UNIVERSITY HIGH SCHOOL SCIENCE CLASSROOM MODERNIZATION

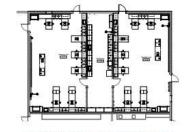
WEBSITE iusd.org/MeasureE

EASURE E

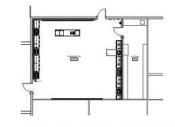


SCIENCE/BIO LAB RENDERING





BUILDING C (300) - CHEMISTRY LABS



BUILDING C (300) - SCIENCE/BIO LAB

#### HMC Architects

Ledesma & Meyer Construction Co., Inc.

"Images are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts. Printed on 09/04/2017

## **SPRING 2018 – EXPANSION**

### • Expansions

- Creekside High School
- Eastshore Elementary School





# Creekside High School Career Technical Classroom Expansion

EASURE E

WEBSITE iusd.org/MeasureE



Street View from Barranca Pkwy. and Harvard Ave.

Construction Tech. Yard

Site Plan



**Overall View** 

Fitness / Science Lab Building



FITNESS LAB

Fitness Lab

47

**EASTSHORE ES** CLASSROOM BUILDING ADDITION AND REMODEL **IRVINE UNIFIED** SCHOOL DISTRICT

IRE E





FLOOR PLAN



DESIGN LAB

KINDERGARTEN CLASSROOM

FIRST GRADE CLASSROOM

## **SUMMER 2018 – THEATER**

- Performing Arts Center
  - Woodbridge High School

#### WOODBRIDGE HIGH SCHOOL PERFORMING ARTS COMPLEX

WEBSITE iusd.org/MeasureE

Irvine Unified School District



Performing Arts Complex Main Lobby

SCHOOL DISTRICT

SITE PLAN



View of Upper Lobby from Meadowbrook







Corner of Alton Parkway and Meadowbrook Balcony View of Stage

Trages are conceptual renderings and subject to change Extent of work shown may vary based on linal approved plans and waved of construction contracts. Printed on 9/1/2017

LANS INC.









51 | October 9, 2017

SITE PLAN



Irvine Unified School District **MEASURE E** Your Dollars at Work!

Front Entrance

\*Images are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts.

52 | October 9, 2017



Irvine Unified School District

View from Meadowbrook

53 | October 9, 2017

\*Images are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts



Irvine Unified School District

WOODBRIDGE

PERFORMING ART

10 . A. MA

Corner of Alton Parkway and Meadowbrook 54 | October 9, 2017 \*Images are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts.



Irvine Unified School District **MEASURE E** Your Dollars at Work!



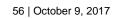
**Building K and South Elevation of PAC** 

\*Images are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts.

55 | October 9, 2017

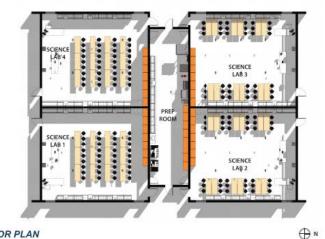
## **SUMMER 2018 – SCIENCE CLASSROOMS**

- New or Upgraded Middle School Science Classrooms
  - Lakeside Middle School
  - Rancho San Joaquin Middle School
  - Sierra Vista Middle School
  - South Lake Middle School
  - Venado Middle School



#### 17 SIERRA VISTA MIDDLE SCHOOL NEW SCIENCE LABS IRVINE UNIFIED

**EASURE E** 







SITE PLAN



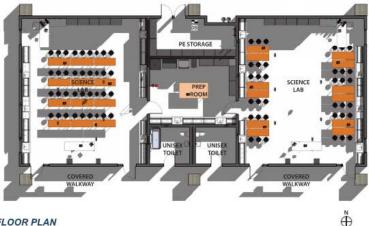
EXTERIOR VIEW

EXTERIOR VIEW

LAB 1 INTERIOR VIEW

#### SOUTH LAKE MIDDLE SCHOOL NEW SCIENCE LABS

**MEASURE E** 





FLOOR PLAN

Ýŕ

**IRVINE UNIFIED** SCHOOL DISTRICT



PREP ROOM

SCIENCE CLASSROOM INTERIOR VIEW

SCIENCE CLASSROOM INTERIOR VIEW





#### LAKESIDE MIDDLE SCHOOL SCIENCE LABS UPGRADES

WEBSITE jusd.org/Measurel







59 | October 9, 2017

Timages are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts. Printed on lineart date)



### RANCHO SAN JOAQUIN MIDDLE SCHOOL

NEW SCIENCE LABS AND EXISTING SCIENCE LAB UPGRADES

WEBSITE lusd.org/MeasureE

NULLDING D

MICHELSON OR

R

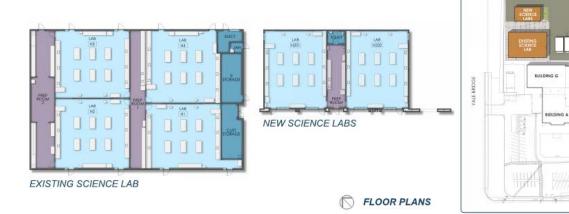
SITE PLAN

BUILDING P

BUILDING B

BUILDING F

BUILDING C





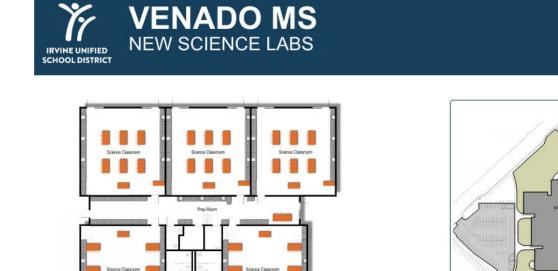
SPATIAL RELATIONSHIP

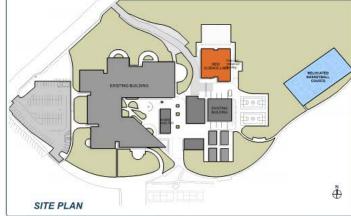
LAB 201

LAB 201



Trages are conceptual renderings and subject to change. Extent of work shown may vary based on final approved Jama and award of comstruction contracts. Printed on Jimset date]







SCIENCE CLASSROOM

FLOOR PLAN



SCIENCE CLASSROOM



\*Images are conceptual renderings and subject to change. Extent of work shown may vary based on fina approved plans and award of construction contracts. Printed on #30/17

## **SUMMER 2018 – MODERNIZATION**

- Elementary School Modernizations
  - Brywood Elementary School
  - Meadow Park Elementary School
  - Westpark Elementary School
  - Springbrook Elementary School



Vour Dollars at Workt

WEBSITE iusd.org/MeasureE





TYPICAL CLASSROOM

COMMONS



MULTI-PURPOSE ROOM

DESIGN LAB

mages are conceptual renderings and subject to change. Intent of work shown may vary based on final approved lans and award of construction contracts. rinted on 8/35/2017





WEBSITE iusd.org/MeasureE









CLASSROOM 1

VOCAL CLASSROOM

CLASSROOM 2



EXTERIOR VIEW

Weeges any conceptual reentwings and subject to change. Extent of work shown may vary based on ilmai approved stans and award of construction contracts. Printed on 8/31/2017 **MEADOW PARK ES** MODERNIZATION

SUPE





TYPICAL CLASSROOM

**IRVINE UNIFIED** SCHOOL DISTRICT

COMMONS



### MEADOW PARK ES NEW CLASSROOM BUILDING



WEBSITE iusd.org/MeasureE





CLASSROOM 1

VOCAL CLASSROOM

CLASSROOM 2

#### BIRDSEYE VIEW

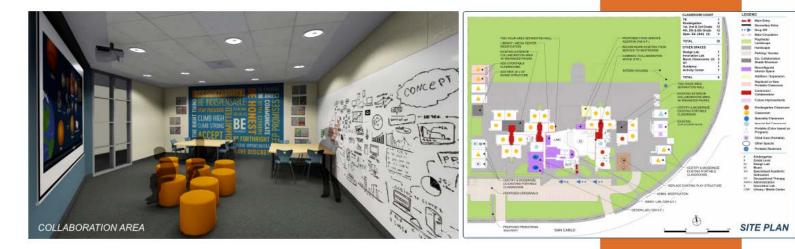
Unages are conceptual renderings and subject to change. Extent of work shown may vary based on final approved plans and award of construction contracts. Printed on 8/31/2017





Your Dollars at Work!

WEBSITE iusd.org/MeasureE





INNOVATION LAB | EAST ENTRY VIEW

INNOVATION LAB | WEST ENTRY VIEW

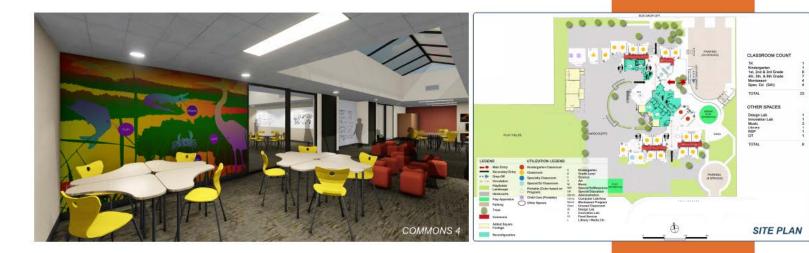


DESIGN LAB | EAST ENTRY VIEW



DESIGN LAB | VIEW FROM EAST SIDE OF CLASSROOM

mages are conceptival renderings and subject to change. xtent of work shown may vary based on final approved lans and award of construction contracts. rinted on August 30, 2017. IRVINE UNIFIED SCHOOL DISTRICT





TYPICAL CLASSROOM

MEDIA CENTER

STORY TELLING



Images are conceptual randerings and subject to change. Extent of work shown may vary based on final approved Jans and award of construction contracts. Finted on August 30, 2017

68 | October 9, 2017

**SPRINGBROOK ES** NEW CLASSROOM BUILDING **IRVINE UNIFIED** SCHOOL DISTRICT

19

SURE E

TOILE

C

M STORAGE

STORAGE

CLASSROOM 1

CLASSROOM 2

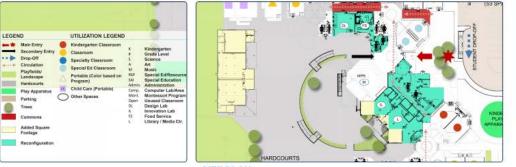
CLASSROOM 3

STORAGE

TORAGE

FLOOR PLAN







6

۲

0

NORTH

## **SUMMER 2018 – ATHLETIC FIELD**

- New Synthetic Track and Field
  - Northwood High School

#### **NORTHWOOD HIGH SCHOOL** TRACK & FIELD

WEBSITE lusd.org/MeasureE

Ε



SCHOOL DISTRICT

71 | October 9, 2017

Extent of work shown may vary based on final approved plans and award of construction contracts. Printed on [8/6/2017]

## FALL 2017 – INTERIM HOUSING

- Interim Housing
  - El Camino School
  - Westwood Basics



# EL CAMINO REAL SCHOOL

Design Development Phase

