



CELEBRATING
EDUCATIONAL
EXCELLENCE

1972 - 2022

FACILITIES STUDY SESSION

May 31, 2022

Board of Education

Paul Bokota

Lauren Brooks

Ira Glasky, President

Sharon Wallin

Cyril Yu



AGENDA

- **Enrollment Projection Update**
- **Districtwide Update (Non-Measure E)**
- **Sustainability Program Update**
- **State Funding Update**
- **Measure E Update**



ENROLLMENT PROJECTION UPDATE



PRE-K THROUGH 12 ENROLLMENT PROJECTIONS STUDY SCENARIOS

Aggressive School Projections (Recent Development Gen Rates)

- Illustrative of most aggressive dwelling unit development in District
- Utilizes most aggressive cohort age through methodology
- Used for the planning of facilities, creating/changing boundaries, and timing of new school openings (within mitigation agreements)

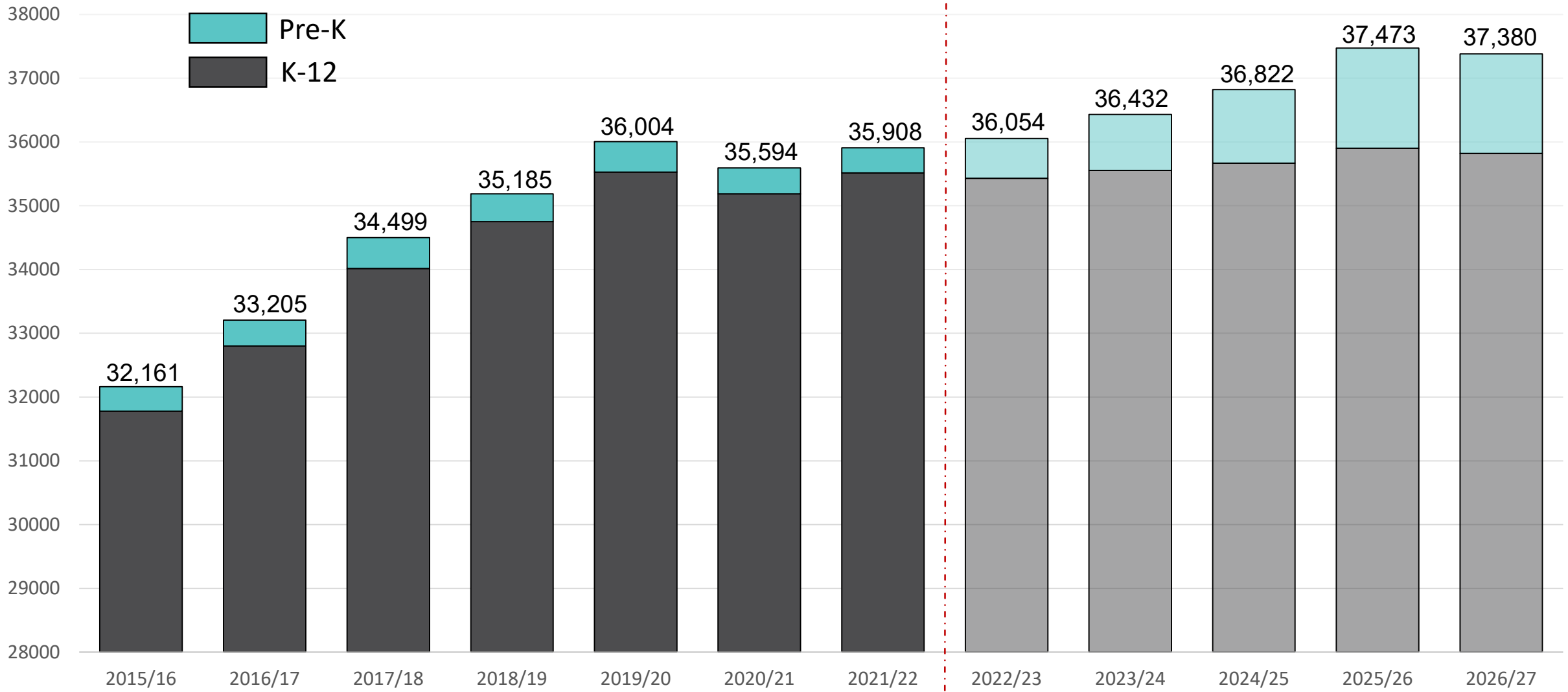
Conservative School Projections (Recent Development Gen Rates)

- Illustrative of less aggressive dwelling unit development in District (30% lag in development)
- Utilizes less aggressive cohort age through methodology
- Used for District staffing and General Fund budgeting

Geographic Projections

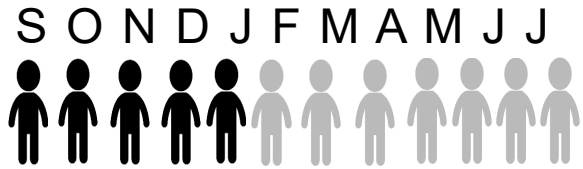
- Illustrative of projected students within a geographic boundary
- Used for analysis of various planning scenarios

ENROLLMENT TRENDS (PRE-K THROUGH 12)

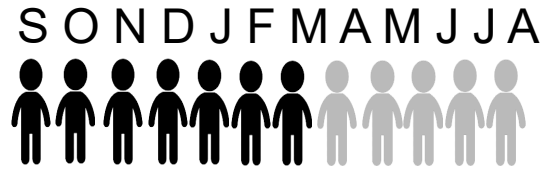


UNIVERSAL PRE-K ROLLOUT

Phase 1



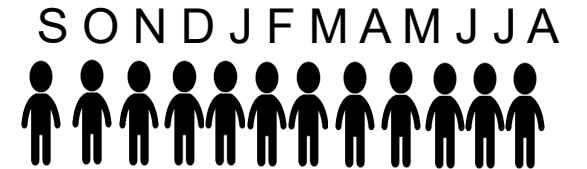
Phase 2



Phase 3



Phase 4 (Full Implementation)



2022-23

September 2 – February 2
Birthdays

625 Projected Students

An increase of 203 Pre-K
Students from 2021/2022

2023-24

September 2 – April 2
Birthdays

880 Projected Students

An increase of 458 Pre-K
Students from 2021/2022

2024-25

September 2 – June 2
Birthdays

1,155 Projected Students

An increase of 733 Pre-K
Students from 2021/2022

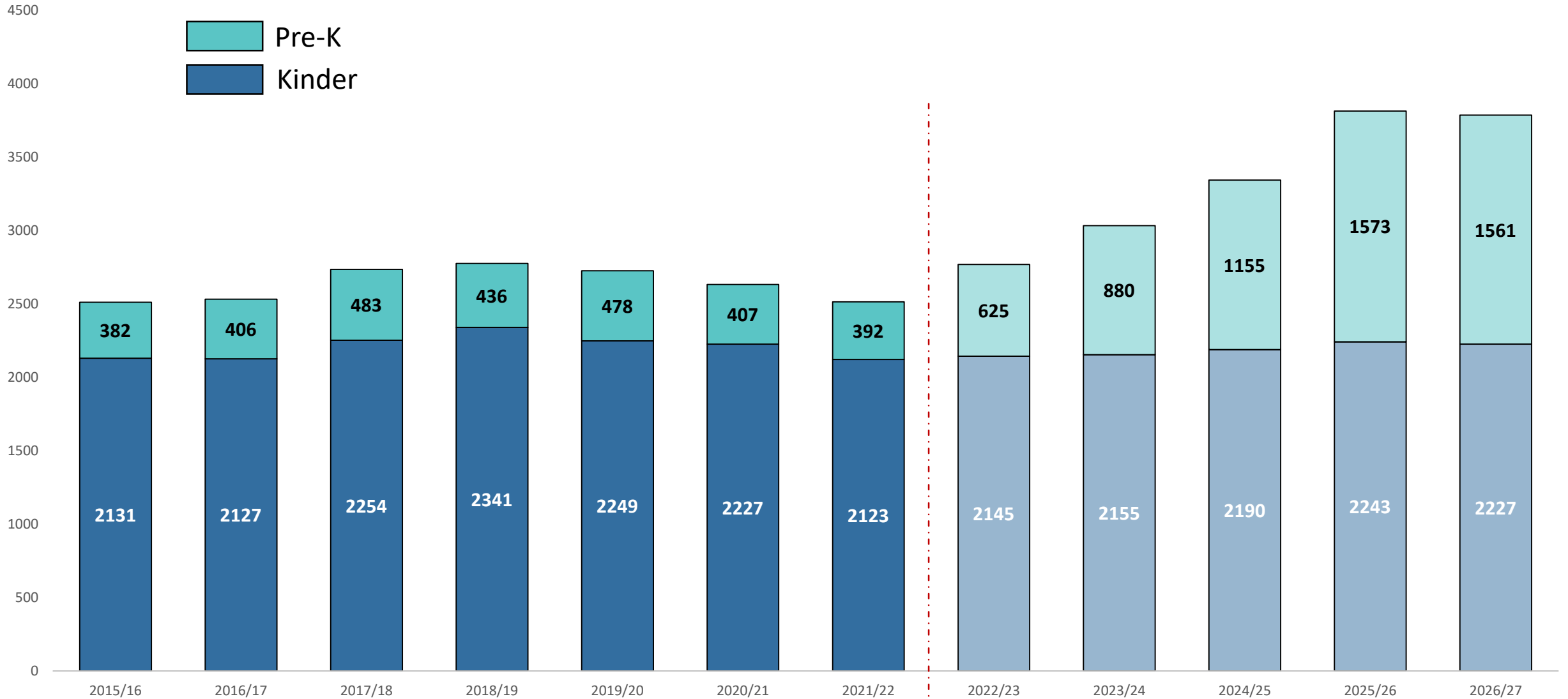
2025-26

All Months
Birthdays

1,573 Projected Students

An increase of 1,151 Pre-K
Students from 2021/2022

ENROLLMENT TRENDS (PRE-K AND K)



DISTRICTWIDE UPDATE (NON-MEASURE E)



DISTRICTWIDE UPDATE **(NON-MEASURE E)**

- **Irvine HS Parking Lot Expansion**
- **Solis Park School**
- **District Office Expansion**
- **Loma Ridge ES Relocatable Classroom Buildings**
- **Irvine Adult School Relocatable Classroom Buildings**
- **Electronic Marquees**
- **Accessible Playground Equipment**
- **Central Kitchen Facility Expansion Feasibility Study**

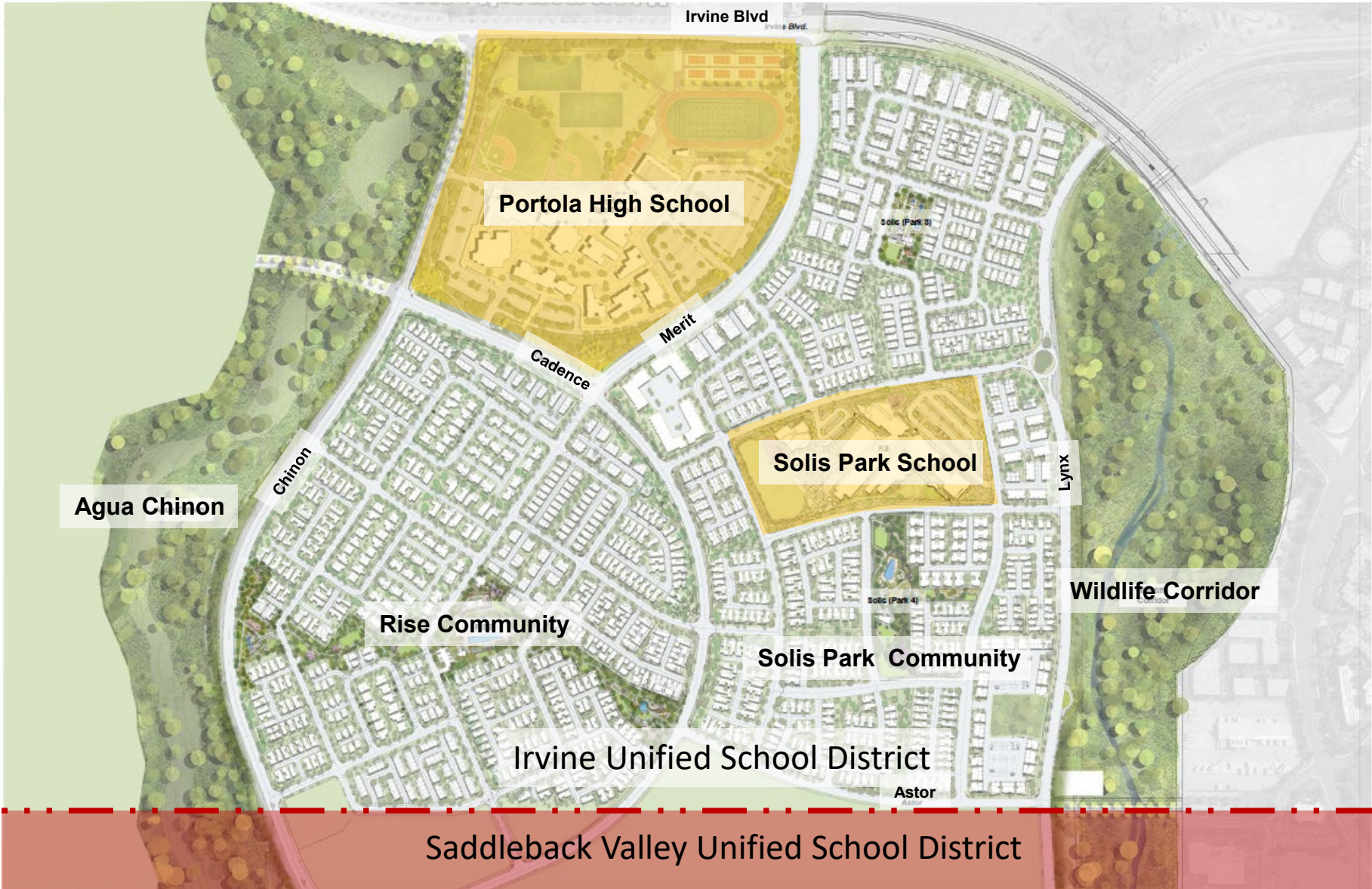
IRVINE HS PARKING LOT EXPANSION

Aerial View of Irvine HS Parking Lot



Aerial View of Parking Lot Expansion

SOLIS PARK SCHOOL



SOLIS PARK SCHOOL

Buildings

- A: Admin/Kinder (SAI)/Library
- B: Multipurpose/Music
- C1: Classrooms (1-3/SAI)
- C2: Classrooms (4-5)
- C3: Classrooms (6-8/SAI)
- D: Nutrition Services/ICCP
- E: Gymnasium/Fitness Center



Aerial View of Construction (May 22, 2022)

SOLIS PARK SCHOOL



Exterior of Administration/Library/Kindergarten (Building A)



Exterior of Multipurpose/Music (Building B)/Walkway

SOLIS PARK SCHOOL



Kindergarten Lunch Area (Building A)



Exterior of Nutrition Services/ICCP (Building D)

SOLIS PARK SCHOOL

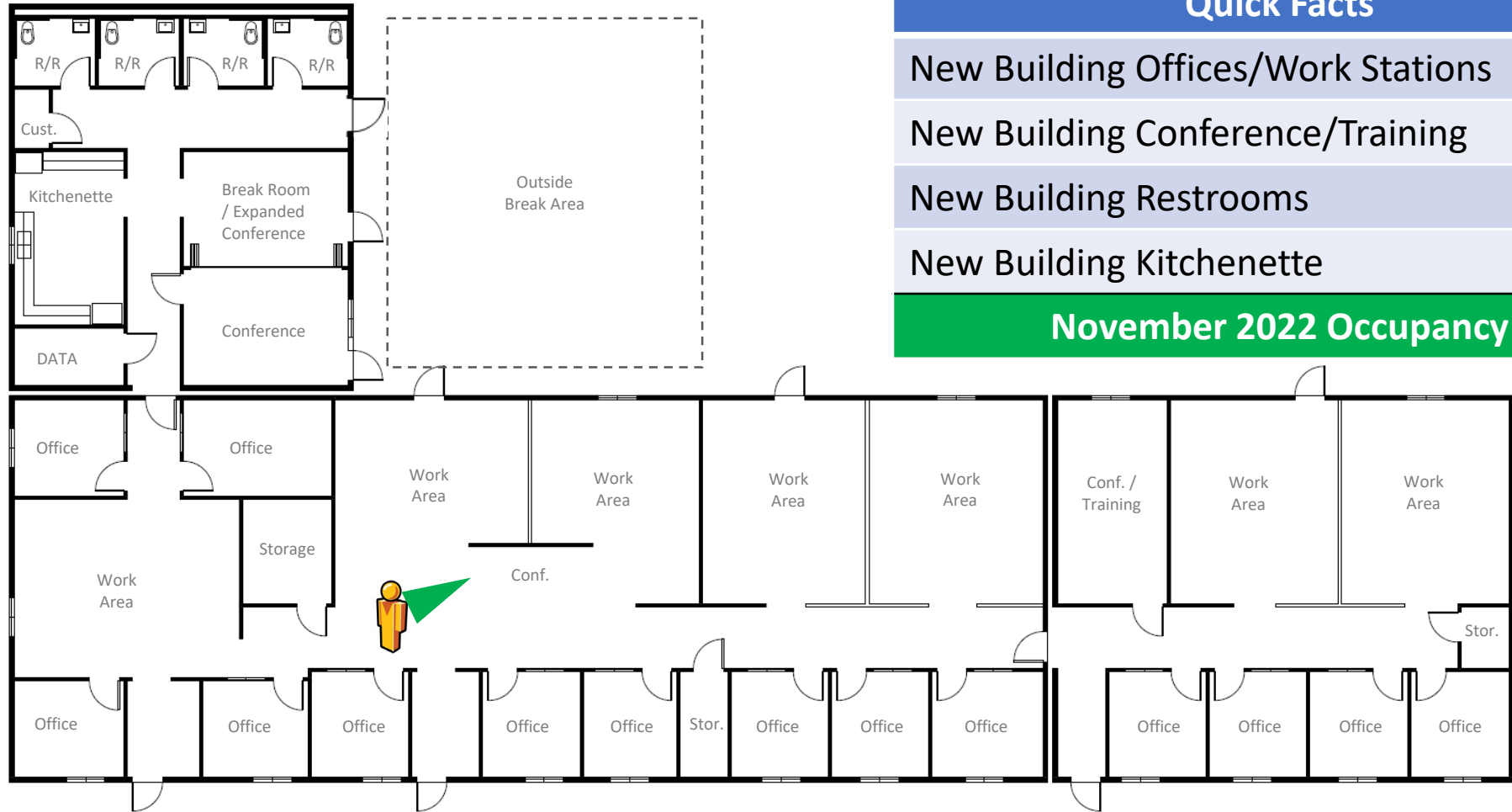


Library (Building A)



Collaboration Area/Classrooms (Building C2)

DISTRICT OFFICE EXPANSION

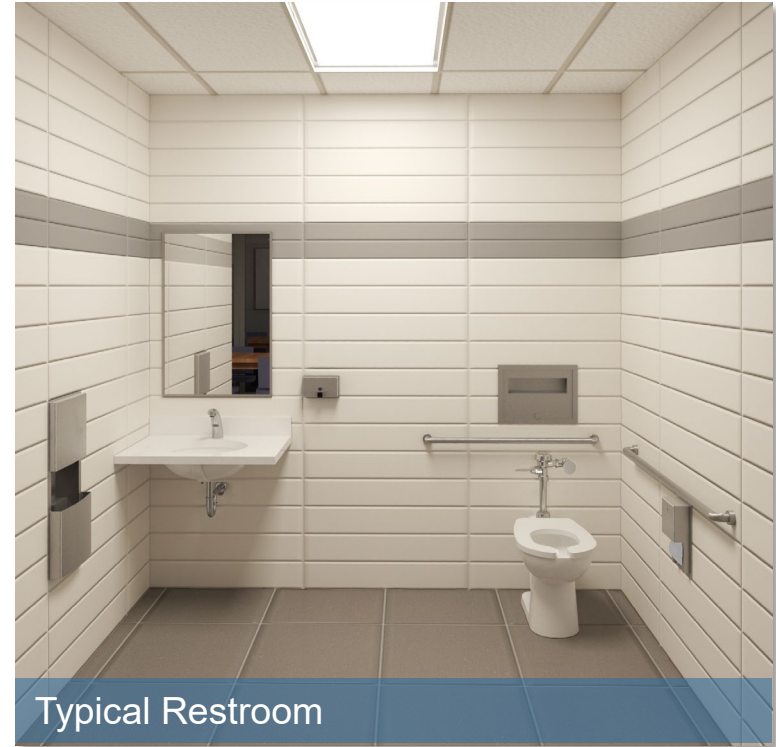


Quick Facts	
New Building Offices/Work Stations	53
New Building Conference/Training	4
New Building Restrooms	4
New Building Kitchenette	1
November 2022 Occupancy	

DISTRICT OFFICE EXPANSION



Office Interior



Typical Restroom

LOMA RIDGE ES RELOCATABLES



Three (3) relocatable classroom buildings

IRVINE ADULT SCHOOL - CREEKSID ED. CENTER

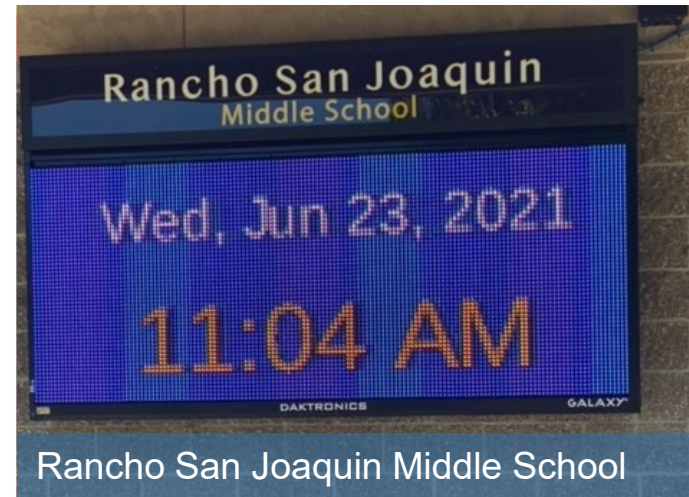


ELECTRONIC MARQUEES

Project Update

- Facilities staff has verified the location and are procuring electronic marquees for the 33 IUSD sites that do not currently have an electronic marquee
- Installation is anticipated October through December 2022
- The estimated cost for procurement and installation for the remaining 33 IUSD sites is \$1.0 million (CFDs and Fund 40)

Sample Electronic Marquees



ACCESSIBLE PLAYGROUND EQUIPMENT

Project Update

- Facilities staff has evaluated all school sites with specialized special education programs and is procuring accessible play equipment
- Accessible play equipment includes sensory panels, sensory tunnels, and modified swings (selected sites)

Project Timeline

- Anticipated completion by start of the 2023/24 school year pending supply chain issues

Approximate Cost

- \$500,000 (CFDs and Fund 40)



CENTRAL KITCHEN FACILITY EXPANSION

FEASIBILITY STUDY

Rationale

- An increased demand for prepared and distributed meals has resulted in a need to evaluate the potential expansion of the Central Kitchen/Nutrition Services facility.
- The site was originally master planned to allow facility expansion if needed.
- Since the facility opened in early 2016, five (5) new schools were opened with a sixth school scheduled to open in the fall 2022.
- The California adoption of Universal Meals Program for all K-12 students has increased the demand for prepared “lunch meals” in lieu of “a la carte” items.
- The current Nutrition Services facility, designed to produce 12,000 lunch meals a day, is now producing 17,000.

Components of the Nutrition Services Facility

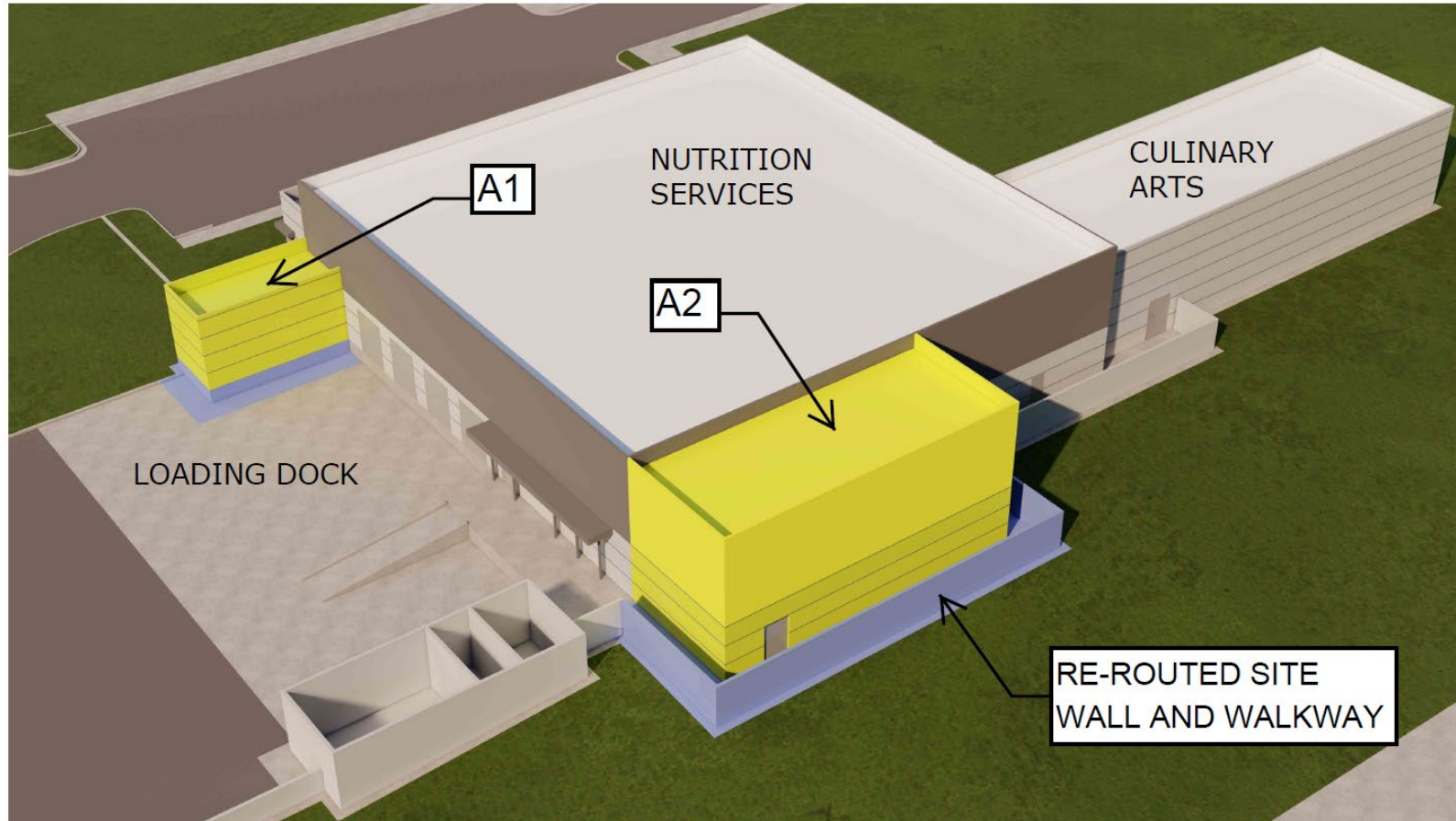
- (A1) Distribution Capacity
- (A2) Bulk Freezer and Produce Cooler Capacity
- (B) Cold Prep Room and Assembly Area

Cost Estimate (Feasibility Study)

- \$4.2 million (To be funded out of Nutrition Services Budget)

CENTRAL KITCHEN FACILITY EXPANSION

FEASIBILITY STUDY



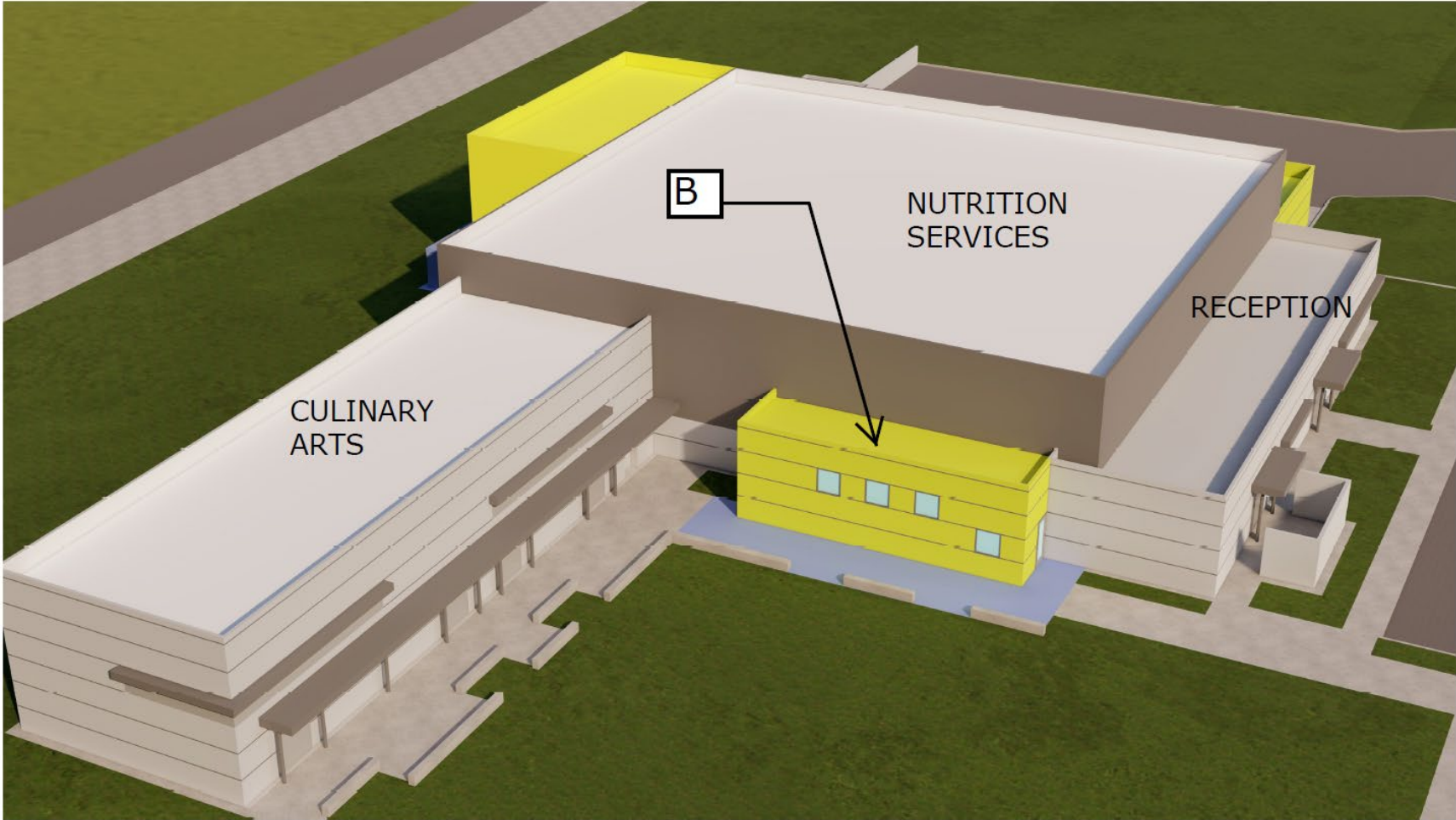
COMPONENT A1 / A2

A1 - EXPANDED DISTRIBUTION COOLER

A2 - EXPANDED FREEZER AND PRODUCE COOLER

CENTRAL KITCHEN FACILITY EXPANSION

FEASIBILITY STUDY



COMPONENT B
EXPANDED ASSEMBLY AREA AND OFFICE

SUSTAINABILITY PROGRAM UPDATE



SUSTAINABILITY PROGRAM **OVERVIEW**

- **Solar Overview**
- **Trane – Energy Savings Projects Updates**
- **Sustainability Initiatives**

CURRENT AND FUTURE SOLAR OVERVIEW

First System Activated in August 2010

Currently 44 Solar Arrays at 34 Sites

- 21 Rooftop Installations
- 23 Solar Vehicle Shade Structure Installations
- 11 Megawatts of Generating Capacity
- As of June 30, 2021, cumulative energy savings have been estimated at \$2.82 Million
- At 87.8% of our Net-Zero Goal (100% Renewable Energy)

Future Solar: 48 Solar Arrays at 37 Sites (Spring/Summer 2022)

- Solis Park School, Creekside HS, Deerfield ES/Venado MS, Deerfield ES West Parking Lot
- Adds 2.2 megawatts (MW) of production capacity
- 13.2-Megawatts of Generating Capacity
- IUSD on a path toward Net-Zero emissions by end of 2022 (100% Renewable Energy)

**SCE's RES-BCT Tariff allows non-solar sites (beneficiary accounts) to benefit the same carbon offsets and savings as the solar sites (host accounts)

IUSD continues to explore additional solar opportunities.

SOLAR SITES

Summer 2021 Solar Vehicle Shade Structure Installations



Westpark Elementary School



Culverdale Elementary School

SOLAR SITES

Spring/Summer 2022 Solar Vehicle Shade Structure Installations



Solis Park School

System size 672 kWDC
Site Energy Usage Offset: 1,016 MWh per year



Creekside Education Center

System size 941 kWDC
Site Energy Usage Offset: 1,456 MWh per year

SOLAR SITES

Summer 2022 Solar Vehicle Shade Structures and New Parking Lot Installations



Deerfield Elementary School and Venado Middle School

System size 313 kWDC
Site Energy Usage Offset: 474 MWh per year



Deerfield Elementary School - West

Adds an additional 42 New Parking Spaces; 2 ADA stalls
System size 258 kWDC
Site Energy Usage Offset: 390 MWh per year

SELF FUNDED ENERGY SAVINGS PROJECT BY TRANE: PHASE 1 UPDATES

- **Purpose:** Replace old inefficient equipment, save energy use and costs at 11 sites
- **Scope of Work:** LED lighting upgrades and replacement of HVAC, Controls, and Transformers. Scope was assessed, prioritized and reviewed by IUSD staff.
- **Status:** 81% complete
- **Paid to Date:** \$5.8 Million of \$7.2 Million
- **Project Completion:** Summer 2022



SELF FUNDED ENERGY SAVINGS PROJECTS PHASE I

11 Sites with Energy Saving Opportunities

- Alderwood ES
 - LED
- Bonita Canyon ES
 - LED, HVAC
- ECLC
 - HVAC, Controls, Transformer
- Turtle Rock ES
 - HVAC
- Woodbridge HS
 - LED, HVAC, Transformer
- **Culverdale ES**
 - LED, Transformer
- **College Park ES**
 - LED, Transformer
- **Irvine HS**
 - HVAC, Transformer
- **Northwood ES**
 - LED, Transformer
- **Northwood HS**
 - LED, Transformer
- **Sierra Vista MS**
 - LED, Transformer

** Sites in **Bold** are complete

IUSD SUSTAINABILITY INITIATIVES

Annual Earth Day Poster Contest

- 2022 Theme: Invest in our Planet
- Winning Posters are posted on IUSD social media sites
- 2023 Earth Day Calendars from Winning Posters



IUSD Bottle Filling Stations

- Since inception **145** water bottle filling stations have been installed
- IUSD eliminated single-use plastic water bottles districtwide and encourages reusable water bottles

2022 Earth Day Calendar



Lindsay Nagata
Northwood Elementary - 6th Grade
January 2022 - December 2022



IUSD SUSTAINABILITY INITIATIVES

IUSD Organic Food Waste Program (SB 1383)

- SB 1383 requires the State to reduce organic waste disposal by 75% by 2025

2022 School Requirements

- Implement a Food Waste Recycling Program in school lunch areas
- Challenges
 - Ware Disposal, Inc. - driver shortage
 - Increased Lunch Program
 - Custodial labor - sorting of organic food waste
 - Contaminated Food Waste – Fines to district by Ware
 - Storage of organic food waste – health concerns

Creekside Central Kitchen

- Currently has Organic Food Waste Recycling Program

Launching IUSD's Organic Food Waste Recycling Program

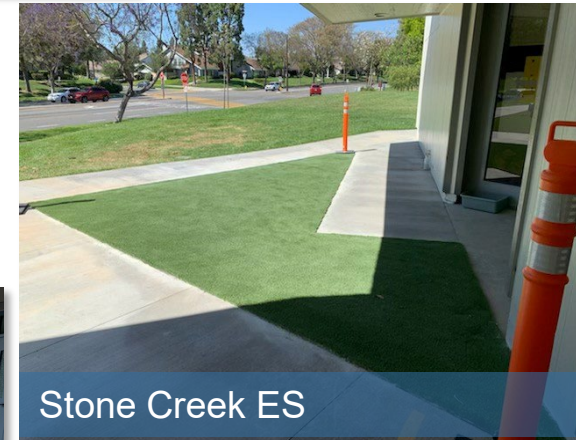
- July 14, 2022 - Year-Round School Sites
- August 18, 2022 - Traditional School Sites
- Woodbridge HS Green Team
 - Creating educational video on Organic Food Waste Recycling
 - Plans for school garden and composter



IUSD SUSTAINABILITY INITIATIVES

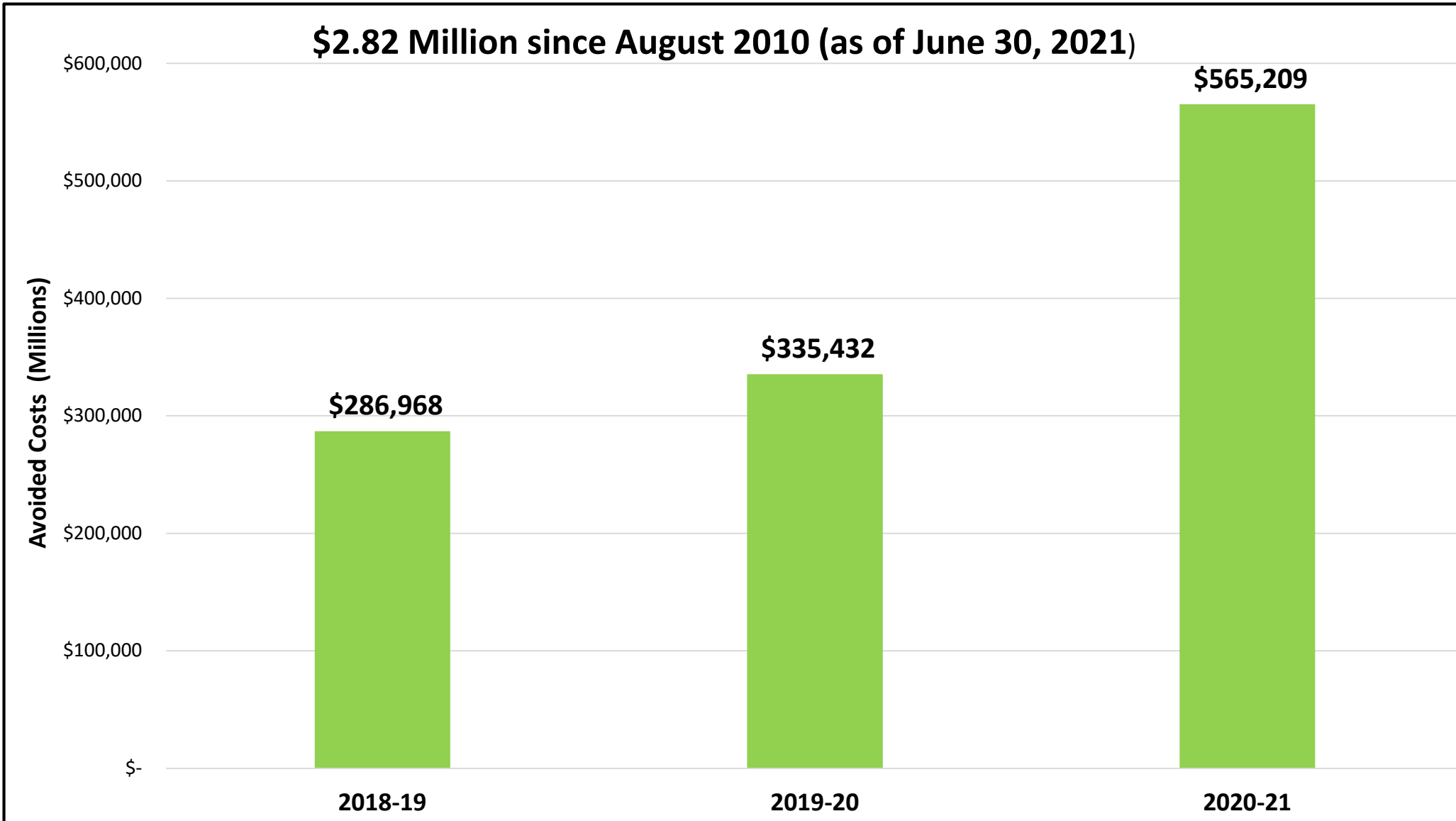
Sustainable Landscaping and Garden Program

- Drought-tolerant plants have been integrated into the outdoor landscaping
 - Water efficient plants and drip systems
 - 2022 Woodbridge HS Project
- Synthetic Turf and Hardscape Projects - Grass Replacement
 - Water and maintenance savings
 - 2022 Stone Creek ES Project
- Continue to promote school gardens and support green teams.



ANNUAL SOLAR AVOIDED COST

\$2.82 Million since August 2010 (as of June 30, 2021)



***Avg. SCE Rate is \$0.21**

***FY 2019-20:** added two more solar sites @ \$0.12 PPA Rate

***FY 2020-21:** added 4 more solar sites @ \$0.13 PPA Rate



STATE FUNDING UPDATE

GOVERNOR'S PROPOSED BUDGET: STATE FUNDING

May 2022 Revision

- Sale of remaining \$1.4 billion in Proposition 51 bond funds
- Allocates \$4.0 billion in General Funds toward School Facility Program (SFP) over a 3-year period

Unknowns in Governor's Proposed Budget

- What changes, if any, to the SFP as a result of using General Funds?
- Will Proposition 51 bond funds need to be exhausted prior to accessing General Fund monies?

Next Steps

- Staff will continue to monitor the proposed allocation and its impact to IUSD projects on the Acknowledged List

OFFICE OF PUBLIC SCHOOL CONSTRUCTION: NON-MEASURE E

State Grants Received for Non-Measure E

- State Grants Received for Non-Measure E from Proposition 51 Bond funds

The State Grants funds are through the State School Facility Program currently under Proposition 51.

STATE FUNDED PROJECTS (Prop. 51)	
Site Name	Amount Received
Cypress Village ES (New School)	\$25,660,246
Northwood HS (Expansion)	\$4,785,541
Irvine HS (Expansion)	\$5,834,348
Portola Springs ES (New School)	\$30,701,042
Beacon Park School (New School)	\$39,693,767
Northwood HS (Culinary Arts)	\$497,281
Creekside HS (Culinary Arts)	\$545,953
Jeffrey Trail MS (2015 Villas)	\$1,267,906
Cypress Village ES (2015 Villas)	\$1,140,512
Portola High School (New School)	\$122,916,550
Portola Springs ES (2016 Villas)	\$1,236,192
Cypress Village ES (2016 Villas)	\$1,073,146
Eastwood ES (New School)	\$30,195,387
Portola Springs ES (2017 Villas)	\$1,153,523
Rancho San Joaquin MS (Music CR)	\$398,771
Cadence Park School (New School)	\$42,947,948
Loma Ridge ES (New School)	\$35,516,121
Total State Funded Applications (Non-Measure E)	\$345,564,234

OFFICE OF PUBLIC SCHOOL CONSTRUCTION: NON-MEASURE E

Step 1a: “Acknowledged” List

When no State Funding is available

- Project applications submitted beyond the Proposition 51 Bond Authority
- Subject to IUSD Board Resolution acknowledging exhaustion of funds
- *Waiting for future State Bond*

STEP 1A: OPSC ACKNOWLEDGED LIST	
Site Name	Estimated Funding
Solis Park School (New School)	\$47,744,919
Total State Funding Acknowledged (Non-Measure E)	\$47,744,919

Step 1b: “Workload” List

When State Funding is available

- Project applications submitted to OPSC, waiting for staff review
- *Anticipate funding under Proposition 51*

STEP 1B: OPSC WORKLOAD LIST	
Site Name	Estimated Funding
Total State Funding Applications (Non-Measure E)	\$0

OFFICE OF PUBLIC SCHOOL CONSTRUCTION: NON-MEASURE E

Step 2: “Unfunded (Lack of AB 55)” List

- Project applications have been fully reviewed by OPSC staff
- Subject to bi-annual Priority Funding Letter
- *Project waiting for State Bond sale (Fall/Spring)*

Step 3: “Apportioned” List

- Project applications that were previously on the Unfunded (Lack of AB 55) list
- Submitted bi-annual Priority Funding Letter
- Shovel-Ready within 90 days of moving to Apportioned list
- *Ready for Fund Release request*

STEP 2: OPSC UNFUNDED LIST

Site Name	Amount Approved
Total State Funded Applications (Non-Measure E)	\$0

STEP 3: APPORTIONED LIST

Site Name	Amount Approved
Cypress Village ES (2018 Relos)	\$1,308,548
Total State Funded Applications (Non-Measure E)	\$1,308,548

OFFICE OF PUBLIC SCHOOL CONSTRUCTION: **MEASURE E**

State Grants Received for Measure E

- State Grants Received for Measure E from Proposition 51 Bond funds

The State Grants funds are through the State School Facility Program currently under Proposition 51.

STATE FUNDED PROJECTS (Prop. 51)	
Site Name	Amount Received
Creekside High School (Series 1 CTEFP: Const. Tech.)	\$439,400
Woodbridge High School (Series 1 CTEFP: Perf. Arts)	\$3,000,000
College Park ES (Series 1: MOD)	\$527,914
Culverdale ES (Series 1: MOD)	\$784,679
Santiago Hills ES (Series 1: MOD)	\$625,105
Stone Creek ES (Series 1: MOD)	\$896,562
Stone Creek ES (Series 1: NC)	\$727,603
Irvine HS (Series 1: MOD)	\$4,256,129
University HS (Series 1: MOD)	\$735,286
Creekside HS (Series 1: NC)	\$1,166,945
Sierra Vista MS (Series 1: NC)	\$1,671,605
South Lake MS (Series 1: NC)	\$919,005
Eastshore ES (Series 1: MOD)	\$757,980
Eastshore ES (Series 1: NC)	\$833,174
Venado MS (Series 1: NC)	\$2,249,063
Rancho San Joaquin MS (Series 1: MOD)	\$570,899
Rancho San Joaquin MS (Series 1: NC)	\$1,176,896
Springbrook ES (Series 1: MOD)	\$3,472,248
Westpark ES (Series 1: MOD)	\$3,729,015
Brywood ES (Series 1: MOD)	\$3,133,957
Total State Funds Received (Measure E)	\$ 31,673,957

Step 1a: “Acknowledged” List

When no State Funding is available

- Project applications submitted beyond the Proposition 51 Bond Authority
- Subject to IUSD Board Resolution acknowledging exhaustion of funds
- Waiting for future State Bond (potentially in 2022)

Step 1b: “Workload” List

When State Funding is available

- Project applications submitted to OPSC, waiting for staff review
- Anticipate funding under Proposition 51 (by 2023 or sooner)

STEP 1A: ACKNOWLEDGED LIST

Site Name	Estimated Funding
Bonita Canyon ES (Series I: MOD)	\$152,700
Greentree ES (Series I: MOD)	\$249,000
Lakeside MS (Series I: MOD)	\$435,300
Turtle Rock ES (Series 2: NC)	\$1,392,800
Northwood ES (Series 2: NC)	\$1,304,500
South Lake MS (Series 3: NC)	\$447,200
South Lake MS (Series 3: MOD)	\$5,557,000
Total State Funding Acknowledged (Measure E)	\$9,538,500

STEP 1B: OPSC WORKLOAD LIST

Site Name	Estimated Funding
Total State Funding Anticipated (Measure E)	\$0

Step 2: “Unfunded (Lack of AB 55)” List

- Project applications have been fully reviewed by OPSC staff
- Subject to bi-annual Priority Funding Letter

Step 3: “Apportioned” List

- Project applications that were previously on the Unfunded (Lack of AB 55) list
- Submitted bi-annual Priority Funding Letter
- Shovel-Ready within 90 days of moving to Apportioned list
- Ready for fund release request funding under Proposition 51

STEP 2: OPSC UNFUNDED LIST

Site Name	Amount Approved
Total State Funded Applications (Measure E)	\$0

STEP 3: APPORTIONED LIST

Site Name	Amount Approved
Woodbridge HS (Series 1: NC)	\$3,219,613
Springbrook ES (Series 1: NC)	\$1,211,516
Meadow Park ES (Series 1: NC)	\$1,358,675
Meadow Park ES (Series 1: MOD)	\$3,529,201
Brywood ES (Series 1: NC)	\$1,343,490
University Park ES (Series 2: MOD)	\$1,565,006
Total State Funded Applications (Measure E)	\$12,227,501

MEASURE E UPDATE



MEASURE E

PROGRAM OVERVIEW

- All 28 schools within the SFID received improvements
 - 266 modernized or upgraded classrooms
 - 19 new or expanded facilities
- Since 2016, three of the five Bonds Series have been sold
- Total funding to date: \$281.3 million
 - \$181.0 million in three Bond sales
 - \$ 66.0 million in District contributions (Fund 01, Fund 25, and Fund 40)
 - \$ 30.0 million in Fund 35 funds*
 - \$ 4.3 million in supplemental funds (CTE State Grants, Grants, Rebates, and IT infrastructure)
- Total expenditures to date: \$203.9 million
 - \$ 33.4 million annual average over a six-year period

*District received \$28.2 in recent State Grants to reimburse Fund 35 for AFAP improvements.

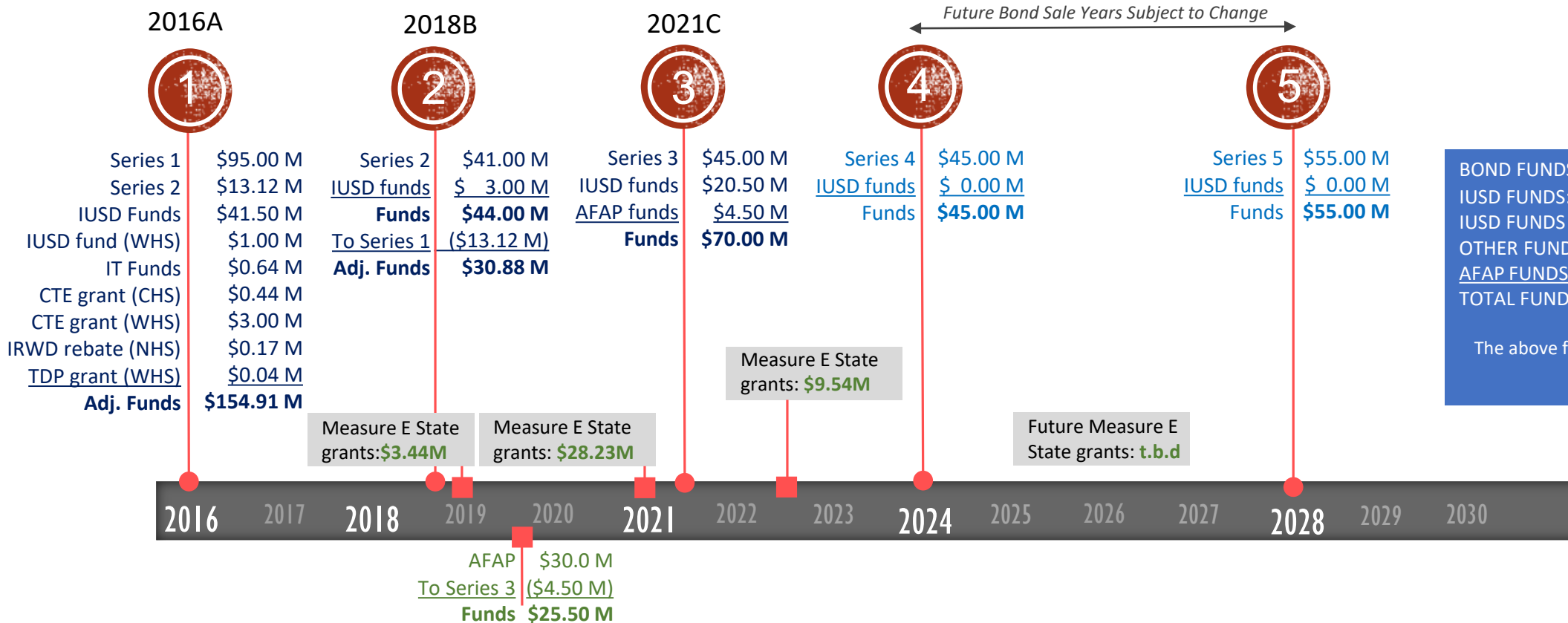
MEASURE E

REVISED BOND SERIES

- Series 1 funds received October 26, 2016
- Series 2 funds received September 13, 2018
- Series 3 funds received April 7, 2021

<u>ORIGINAL</u>		<u>ISSUED/PROPOSED</u>	
2016 (Series 1)	\$ 95.0M	2016 (Series 1)	\$ 95.0M
2021 (Series 2)	\$ 51.9M	2018 (Series 2)	\$ 41.0M
2025 (Series 3)	\$ 49.4M	2021 (Series 3)	\$ 45.0M
2029 (Series 4)	\$ 54.5M	2024 (Series 4)	\$ 45.0M
<u>TOTAL</u>	<u>\$ 250.8M</u>	2028 (Series 5)	\$ 55.0M
		<u>TOTAL</u>	<u>\$281.0M*</u>

MEASURE E FUNDING TIMELINE



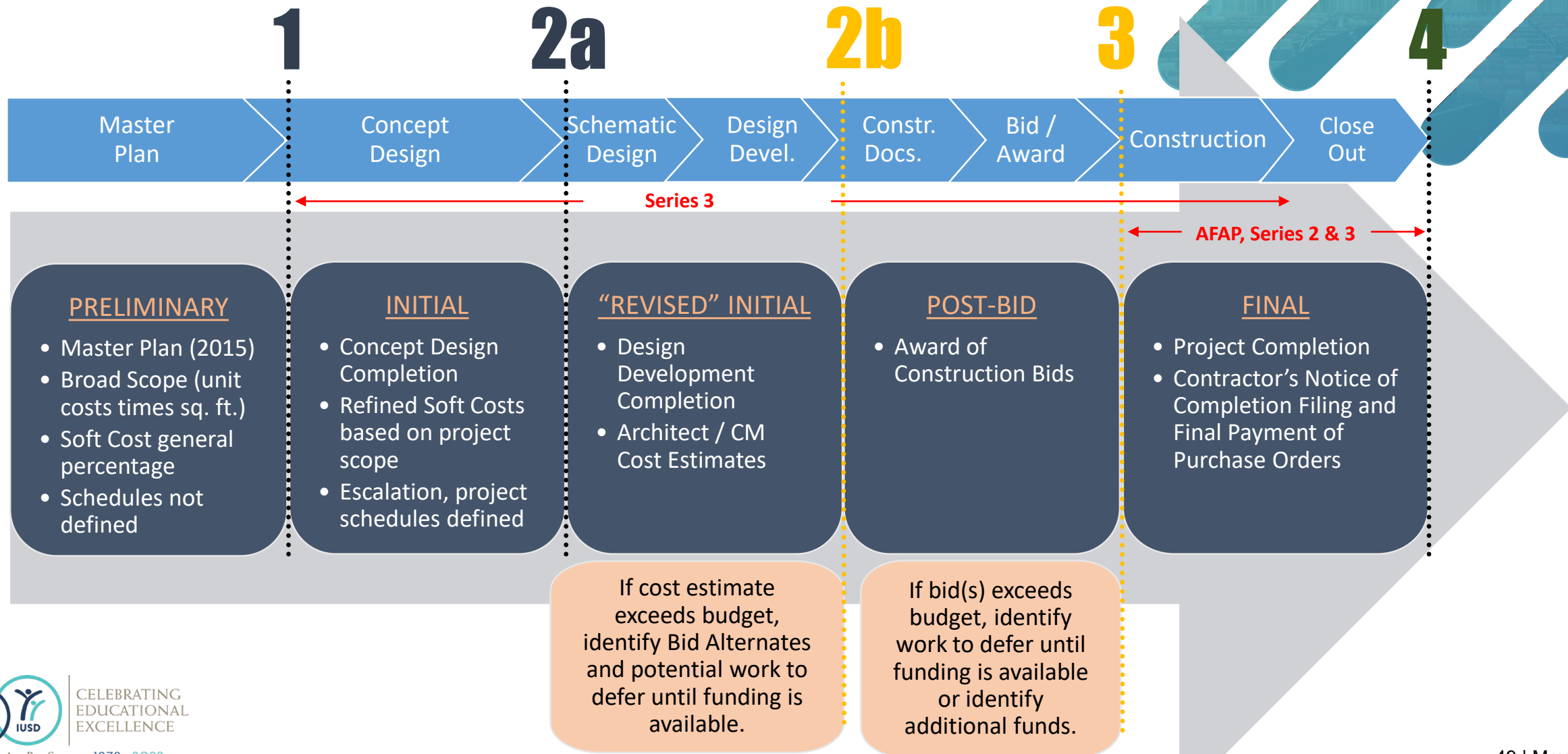
BOND FUNDS:	\$ 281.0 M
IUSD FUNDS:	\$ 65.0 M
IUSD FUNDS (WHS):	\$ 1.0 M
OTHER FUNDS:	\$ 4.3 M
AFAP FUNDS:	\$ 30.0 M
TOTAL FUNDS:	\$ 381.3 M

The above figures exclude future State Grant funds.

Augmented Funds to Accelerate Projects (AFAP)

MEASURE E

BUDGET VERSIONS



MEASURE E

BUDGET SUMMARY

Series	Bond Sale Year	Funds Available								Total Funds Authorized	Project Expenditures or Budgeted	Funds Available / (Deficit)	CUMULATIVE TOTALS
		[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]				
		Bonds	District			State Grants Received (Fund 35)	Other Grants / Rebates	Other Funds	Committed Funds to AFAP (Fund 35)				
Fund 01 (CFD 86-1)	Fund 25		Fund 40	[Sum of A thru H]	[I-J]								
Series 1	2016	\$ 108,115,495	\$ 23,000,000	\$ 13,500,000	\$ 6,000,000	\$ 3,439,400	\$ 219,031	\$ 643,875	\$ -	\$ 154,917,801	\$ 151,467,335	\$ 3,450,466	\$ 3,450,466
Series 2	2018	\$ 27,884,505	\$ -	\$ -	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 30,884,505	\$ 32,290,186	\$ (1,405,681)	\$ 2,044,785
Series 3	2021	\$ 45,000,000	\$ -	\$ -	\$ 20,500,000	\$ -	\$ -	\$ -	\$ 4,500,000	\$ 70,000,000	\$ 71,563,206	\$ (1,563,206)	\$ 481,579
Series 4	2024	\$ 45,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000,000	\$ 38,600,000	\$ 6,400,000	\$ 6,881,579
Series 5	2028	\$ 55,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000,000	\$ 31,200,000	\$ 23,800,000	\$ 30,681,579
SUBTOTALS		\$ 281,000,000	\$ 23,000,000	\$ 13,500,000	\$ 29,500,000	\$ 3,439,400	\$ 219,031	\$ 643,875	\$ 4,500,000	\$ 355,802,306	\$ 325,120,727	\$ 30,681,579	
AFAP	2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,500,000	\$ 25,500,000	\$ 23,321,759	\$ 2,178,241	
TOTALS		\$ 281,000,000	\$ 23,000,000	\$ 13,500,000	\$ 29,500,000	\$ 3,439,400	\$ 219,031	\$ 643,875	\$ 30,000,000	\$ 381,302,306	\$ 348,442,486	\$ 32,859,820	

MEASURE E

UPCOMING CHALLENGES

Projects Affected

- Irvine HS Performing Arts Center (Increment 2) – Bids in fall/winter 2022
- Culverdale ES, Greentree ES, and Santiago Hills ES Expansions – Bids in spring/summer 2023

Impacts

- Cost escalation on materials at a 35-year high (concrete, steel, lumber, aluminum, roofing)
- Limited material inventory (less warehoused materials)
- Supply chain issues (delayed material deliveries and longer lead times on orders)
- Reduction in construction workforce (industry wide)
- Difficulty in retaining professional services staff (architects and construction managers)

What are we doing?

- Monitoring the economy
- Developing bid alternates
- Making budget adjustments

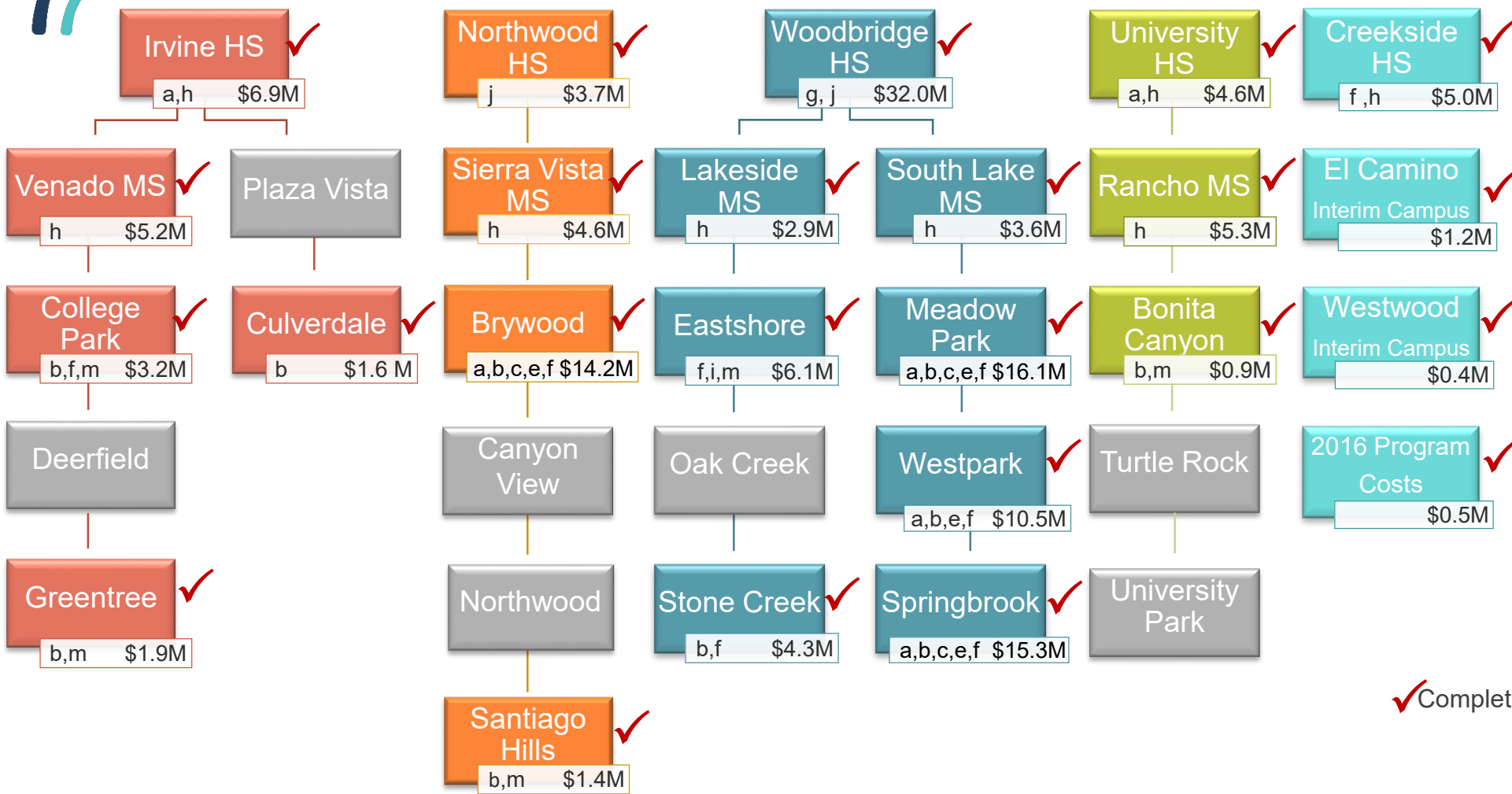


PROJECT TYPES

- a. Modernize facilities over 25 yrs of age
- b. Enclose open classrooms
- c. Construct Music Classrooms
- d. Construct Multipurpose Room
- e. Construct/Upgrade Food Service
- f. Construct Career Tech and Innovation/Design Labs
- g. Construct Visual and Performing Arts, Media Arts Elective Labs and New/Upgrade Theaters
- h. Construct/upgrade science labs and Elective Spaces
- i. Construct/Upgrade Kinder Classroom
- j. Construct all weather track and field
- k. Construct Classrooms to replace portables
- l. Construct Practice Gym
- m. Construct/Upgrade Site Specific Support Facilities

- Under construction
- In design
- ◆ Waiting for Bond sale

✓ Complete



\$18.8M	+	\$23.9M	+	\$90.8M	+	\$10.8M	+	\$7.1M	=
---------	---	---------	---	---------	---	---------	---	--------	---

Series 1 Funds	\$154.9M
Series 1 Costs	\$151.4M
Surplus	\$3.5M

NOTE: Schools organized by region, not by feeder schools

Implementation Plan Update: Series 1

Bond Sale 2016A

Projects



PROJECT TYPES

- a. Modernize facilities over 25 yrs of age
- b. Enclose open classrooms
- c. Construct Music Classrooms
- d. Construct Multipurpose Room
- e. Construct/Upgrade Food Service
- f. Construct Career Tech and Innovation/Design Labs
- g. Construct Visual and Performing Arts, Media Arts Elective Labs and New/Upgrade Theaters
- h. Construct/upgrade science labs and Elective Spaces
- i. Construct/Upgrade Kinder Classroom
- j. Construct all weather track and field
- k. Construct Classrooms to replace portables
- l. Construct Practice Gym
- m. Construct/Upgrade Site Specific Support Facilities

- Under construction
- In design
- ◆ Waiting for Bond sale

✓ Complete



$$\boxed{\$0} + \boxed{\$7.3M} + \boxed{\$2.1M} + \boxed{\$22.6M} + \boxed{\$0.3M} =$$

Series 2 Funds	\$30.9M
Series 2 Costs	\$32.3M
Deficit	<\$1.4M>
Surplus (Series 1)	\$3.5M
Surplus	\$2.1M

NOTE: Schools organized by region, not by feeder schools

Implementation Plan Update: Series 2

Bond Sale 2018B

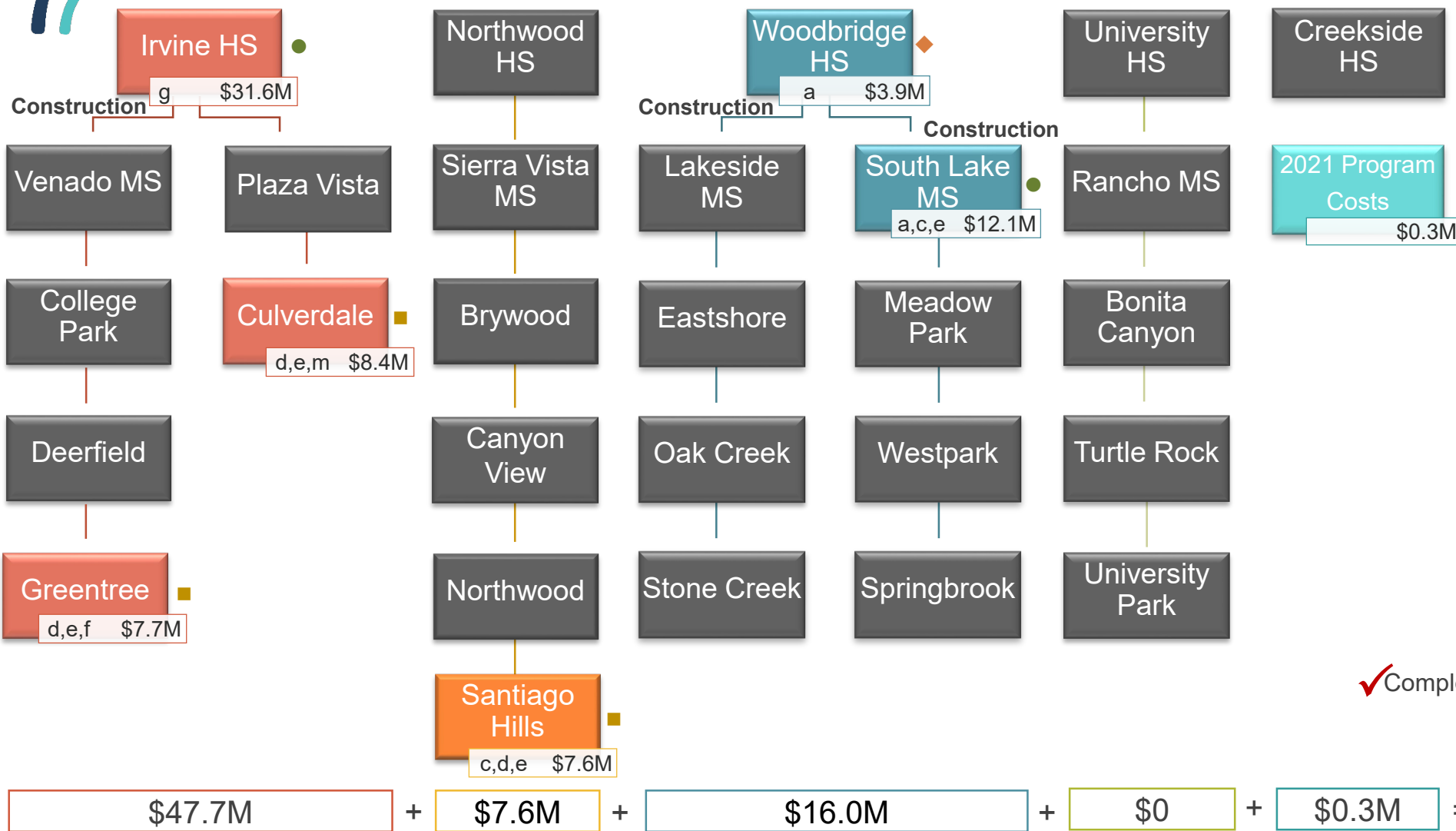
Projects



PROJECT TYPES

- a. Modernize facilities over 25 yrs of age
- b. Enclose open classrooms
- c. Construct Music Classrooms
- d. Construct Multipurpose Room
- e. Construct/Upgrade Food Service
- f. Construct Career Tech and Innovation/Design Labs
- g. Construct Visual and Performing Arts, Media Arts Elective Labs and New/Upgrade Theaters
- h. Construct/upgrade science labs and Elective Spaces
- i. Construct/Upgrade Kinder Classroom
- j. Construct all weather track and field
- k. Construct Classrooms to replace portables
- l. Construct Practice Gym
- m. Construct/Upgrade Site Specific Support Facilities

- Under construction
- In design
- ◆ Waiting for Bond sale



NOTE: Schools organized by region, not by feeder schools

Implementation Plan Update: Series 3

Bond Sale 2021C

Projects



PROJECT TYPES

- a. Modernize facilities over 25 yrs of age
- b. Enclose open classrooms
- c. Construct Music Classrooms
- d. Construct Multipurpose Room
- e. Construct/Upgrade Food Service
- f. Construct Career Tech and Innovation/Design Labs
- g. Construct Visual and Performing Arts, Media Arts Elective Labs and New/Upgrade Theaters
- h. Construct/upgrade science labs and Elective Spaces
- i. Construct/Upgrade Kinder Classroom
- j. Construct all weather track and field
- k. Construct Classrooms to replace portables
- l. Construct Practice Gym
- m. Construct/Upgrade Site Specific Support Facilities

- Under construction
- In design
- ◆ Waiting for Bond sale

✓ Complete



\$4.1M +
 \$5.5M +
 \$7.8M +
 \$20.9M +
 \$0.3M =

Series 4 Funds	\$45.0M
Series 4 Costs	\$38.6M
Surplus	\$6.4M
Surplus (Series 3)	\$0.5M
Surplus	\$6.9M

NOTE: Schools organized by region, not by feeder schools

Implementation Plan Update: Series 4

Pending Bond Sale Projected 2024

Projects

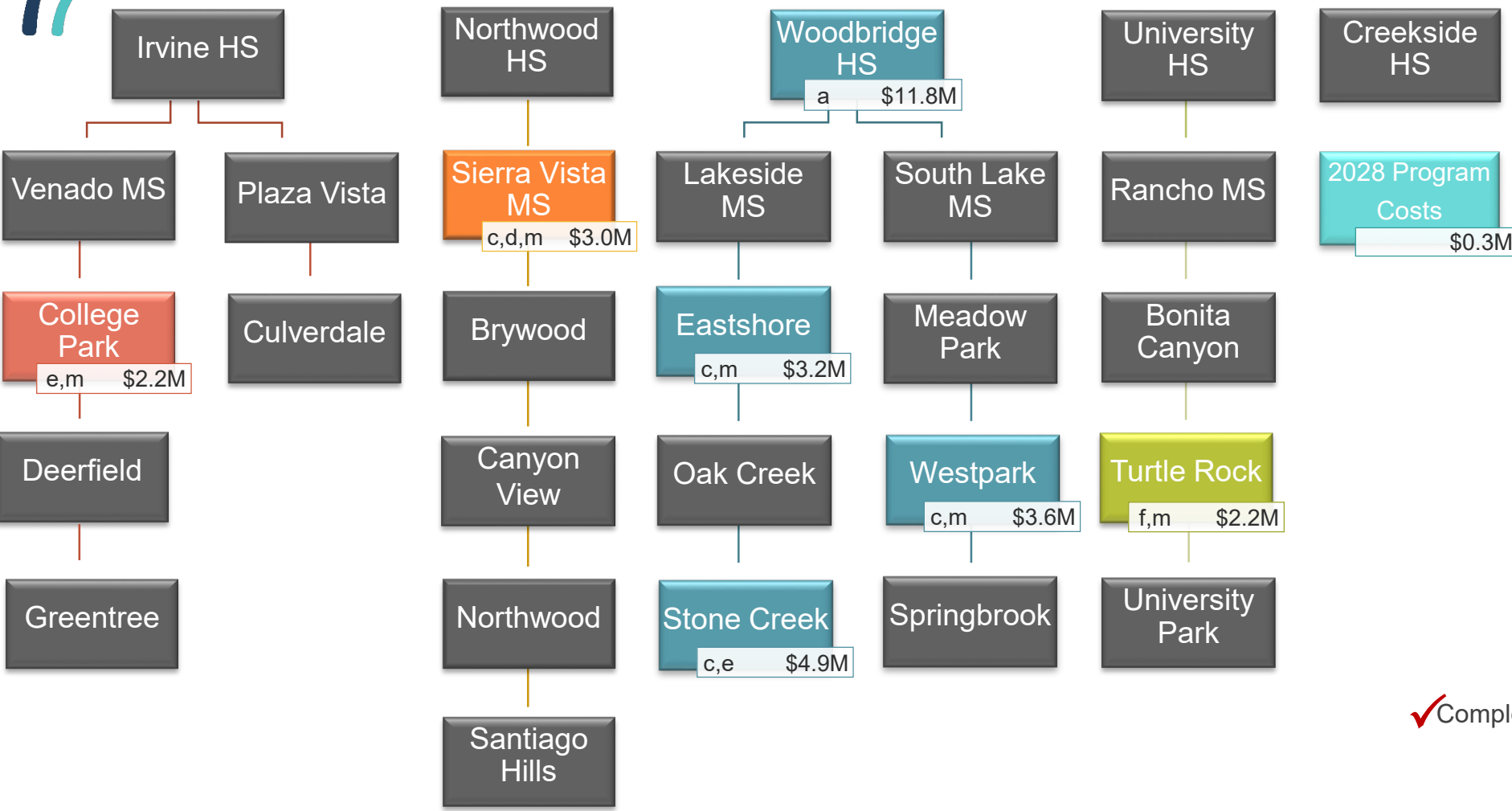


PROJECT TYPES

- a. Modernize facilities over 25 yrs of age
- b. Enclose open classrooms
- c. Construct Music Classrooms
- d. Construct Multipurpose Room
- e. Construct/Upgrade Food Service
- f. Construct Career Tech and Innovation/Design Labs
- g. Construct Visual and Performing Arts, Media Arts Elective Labs and New/Upgrade Theaters
- h. Construct/upgrade science labs and Elective Spaces
- i. Construct/Upgrade Kinder Classroom
- j. Construct all weather track and field
- k. Construct Classrooms to replace portables
- l. Construct Practice Gym
- m. Construct/Upgrade Site Specific Support Facilities

- Under construction
- In design
- ◆ Waiting for Bond sale

✓ Complete



$$\boxed{\$2.2\text{M}} + \boxed{\$3.0\text{M}} + \boxed{\$23.5\text{M}} + \boxed{\$2.2\text{M}} + \boxed{\$0.3\text{M}} =$$

Series 5 Funds	\$55.0M
Series 5 Costs	\$31.2M
Surplus	\$23.8M
Surplus (Series 4)	\$6.9M
Surplus	\$30.7M

NOTE: Schools organized by region, not by feeder schools

Implementation Plan Update: Series 5

Pending Bond Sale Projected 2028

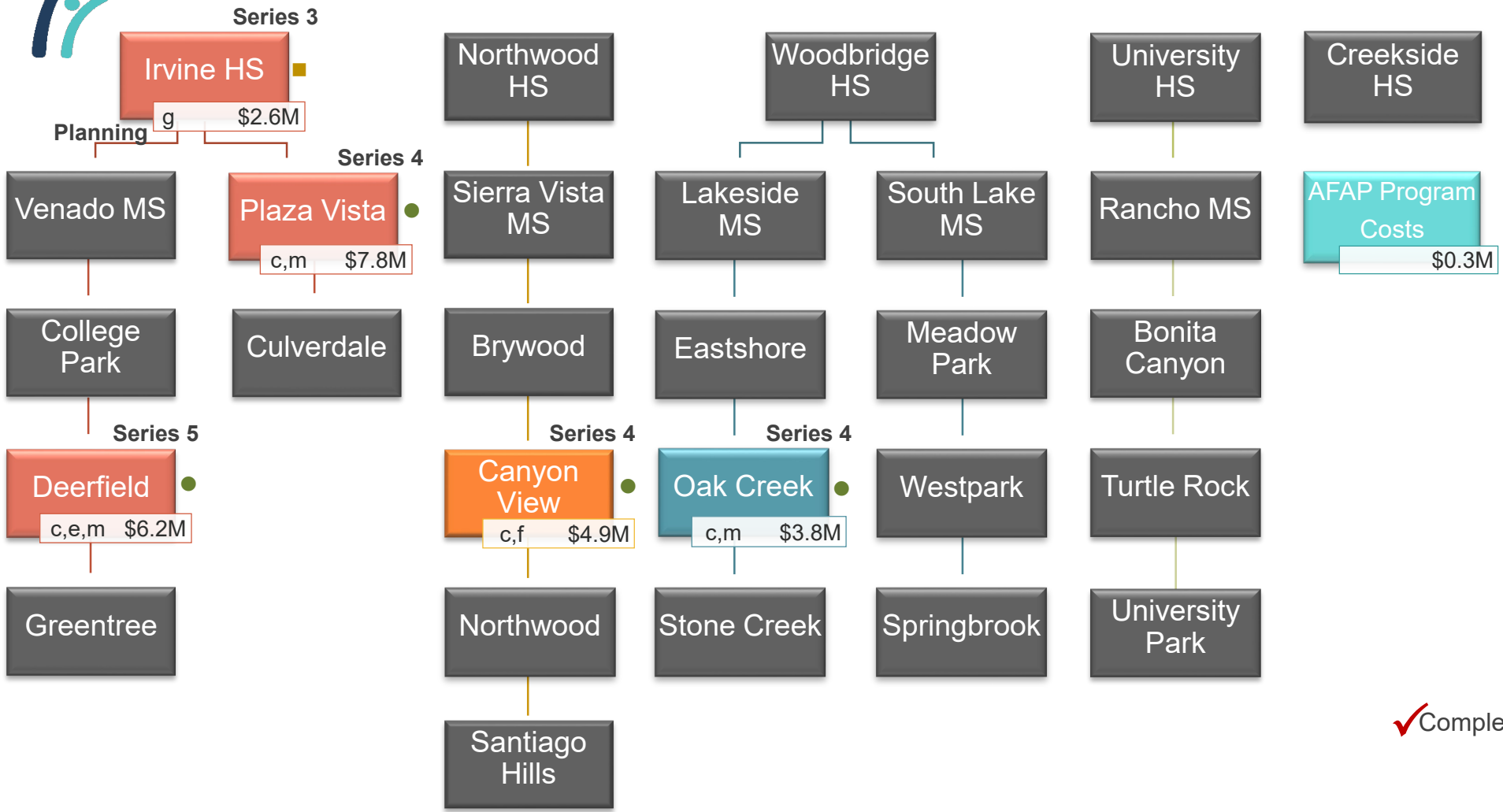
Projects



PROJECT TYPES

- a. Modernize facilities over 25 yrs of age
- b. Enclose open classrooms
- c. Construct Music Classrooms
- d. Construct Multipurpose Room
- e. Construct/Upgrade Food Service
- f. Construct Career Tech and Innovation/Design Labs
- g. Construct Visual and Performing Arts, Media Arts Elective Labs and New/Upgrade Theaters
- h. Construct/upgrade science labs and Elective Spaces
- i. Construct/Upgrade Kinder Classroom
- j. Construct all weather track and field
- k. Construct Classrooms to replace portables
- l. Construct Practice Gym
- m. Construct/Upgrade Site Specific Support Facilities

- Under construction
- In design
- ◆ Waiting for Bond sale



✓ Complete

$$\boxed{\$14.4M} + \boxed{\$4.9M} + \boxed{\$3.8M} + \boxed{\$0} + \boxed{\$0.3M} =$$

AFAP Funds	\$30.0M
AFAP Costs	\$23.4M
Surplus	\$6.6M
Funds to Series 3	\$4.5M
Surplus	\$2.1M

NOTE: Schools organized by region, not by feeder schools

Implementation Plan Update: AFAP (Projects from Series 3, 4, 8, 5)

Funds Made Available in 2019

MEASURE E CHANGE ORDERS

“A ‘change order’ refers to an official change of any kind in the original scope of work or terms of a construction contract agreed to by the owner, contractor, and project designer.” Associated General Contractors of America

Measure E construction change orders are often the result of (1) District changes, (2) Design revisions, (3) Unforeseen conditions, and (4) Building code clarifications.

Final Change Order Percentages (All Series)					
School		Original Contract	Final Contract	Change Orders	Change Order %
1	Series 1 (complete)	\$ 113,606,920	\$ 113,852,871	\$ 245,951	0.22%
2	Series 2 (in progress)	\$ 9,346,452	\$ 9,117,793	\$ (228,659)	-2.45%
TOTALS		\$ 122,953,372	\$ 122,970,664	\$ 17,292	0.01%

MEASURE E

FINAL CHANGE ORDERS (SERIES 1)

Final Change Order Percentages (Series 1)											
School		Original Contract	Final Contract	Change Orders	Change Order %	School		Original Contract	Final Contract	Change Orders	Change Order %
1	Bonita Canyon ES	\$ 687,833	\$ 661,920	\$ (25,913)	-3.77%	14	Westpark ES	\$ 7,535,025	\$ 7,612,852	\$ 77,827	1.03%
2	College Park ES	\$ 1,947,472	\$ 1,997,707	\$ 50,235	2.58%	15	Brywood ES - Mod	\$ 8,022,047	\$ 8,634,679	\$ 612,632	7.64%
3	Culverdale ES	\$ 1,004,045	\$ 1,020,602	\$ 16,557	1.65%	16	Brywood ES - Music	\$ 2,842,214	\$ 2,773,341	\$ (68,873)	-2.42%
4	Greentree ES	\$ 1,263,711	\$ 1,240,335	\$ (23,376)	-1.85%	17	Meadow Park ES - Mod	\$ 9,640,387	\$ 9,856,858	\$ 216,471	2.25%
5	Santiago Hills ES	\$ 1,053,407	\$ 1,050,915	\$ (2,492)	-0.24%	18	Meadow Park ES - Music	\$ 2,889,679	\$ 2,838,289	\$ (51,390)	-1.78%
6	Stone Creek ES	\$ 3,155,560	\$ 3,113,229	\$ (42,331)	-1.34%	19	Eastshore ES	\$ 4,522,529	\$ 4,597,990	\$ 75,461	1.67%
7	Northwood HS	\$ 2,946,419	\$ 3,055,203	\$ 108,784	3.69%	20	Venado MS	\$ 3,798,615	\$ 3,813,274	\$ 14,659	0.39%
8	Irvine HS	\$ 4,704,255	\$ 4,843,227	\$ 138,972	2.95%	21	Creekside HS	\$ 3,681,144	\$ 3,598,072	\$ (83,072)	-2.26%
9	University HS	\$ 3,533,004	\$ 3,519,126	\$ (13,878)	-0.39%	22	Springbrook ES- Mod	\$ 8,110,543	\$ 8,413,410	\$ 302,867	3.73%
10	Sierra Vista MS	\$ 3,643,560	\$ 3,526,896	\$ (116,664)	-3.20%	23	Springbrook ES- Music	\$ 3,387,188	\$ 3,245,008	\$ (142,180)	-4.20%
11	South Lake MS	\$ 2,753,376	\$ 2,688,937	\$ (64,439)	-2.34%	24	Woodbridge HS-Field Imp	\$ 2,568,204	\$ 2,651,706	\$ 83,502	3.25%
12	Lakeside MS	\$ 2,279,702	\$ 2,214,866	\$ (64,836)	-2.84%	25	Woodbridge HS-PAC	\$ 23,435,033	\$ 22,782,163	\$ (652,870)	-2.79%
13	Rancho San Joaquin MS	\$ 4,201,968	\$ 4,102,266	\$ (99,702)	-2.37%	TOTALS		\$ 113,606,920	\$ 113,852,871	\$ 245,951	0.22%

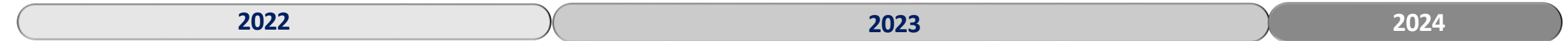
MEASURE E

FINAL CHANGE ORDERS (SERIES 2)

Final Change Order Percentages (Series 2)

School	Original Contract	Final Contract	Change Orders	Change Order %
1 Bonita Canyon ES	\$ 5,223,926	\$ 5,197,335	\$ (26,591)	-0.51%
2 Turtle Rock ES	\$ 4,122,526	\$ 3,920,458	\$ (202,068)	-4.90%
TOTALS	\$ 9,346,452	\$ 9,117,793	\$ (228,659)	-2.45%

CURRENT SCHEDULE (Series 2, Series 3, and AFAP)



Northwood ES and University Park ES **SERIES 2**



South Lake MS **SERIES 3**



Woodbridge HS



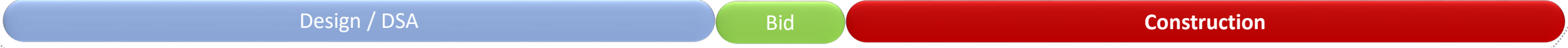
Irvine HS (Increment No. 1 – Deep Foundation Work)



Irvine HS (Increment No. 2 – Building/Site Improvements)



Culverdale ES, Greentree ES, and Santiago Hills ES



Canyon View ES, Deerfield ES, Oak Creek ES, & Plaza Vista School **AFAP**



UNIVERSITY PARK ES (New Classroom Villa/Renovation)

2



Interior of New Collaboration Area



Interior of New Design Lab

Series 2 Project

NORTHWOOD ES (New Classroom Building)



Exterior of New Music Classroom Building



Interior of New Music Classroom

Series 2 Project



CANYON VIEW ES (New Music Classroom Building)



Exterior of New Music Classroom Building

Augmented Funds to Accelerate Projects (AFAP)



Interior of New Music Classrooms



CANYON VIEW ES (Innovation Lab/Design Lab)



Interior of New Innovation Lab

Augmented Funds to Accelerate Projects (AFAP)



Interior of New Design Lab



OAK CREEK ES (New Music Classroom)



Exterior of New Music Classroom



Interior of New Music Classroom

Augmented Funds to Accelerate Projects (AFAP)



DEERFIELD ES (New Music Classroom Building)



Exterior of New Music Classroom/Kindergarten Play Area



Interior of New Music Classroom

Augmented Funds to Accelerate Projects (AFAP)



PLAZA VISTA SCHOOL (New Music Classroom Building)



Exterior of New Music Classroom



Interior of New Music Classroom

Augmented Funds to Accelerate Projects (AFAP)



PLAZA VISTA SCHOOL (Kindergarten Improvements)



New Kindergarten Play Equipment

Augmented Funds to Accelerate Projects (AFAP)



Interior of Kindergarten Classrooms

SOUTH LAKE MS (New Music Classroom)



Exterior of New Music Classroom Building



Interior of New Music Classroom

Series 3 Project

SOUTH LAKE MS (Modernization)

3



Interior of Modernized Classroom



Interior of Restroom Improvements

Series 3 Project

IRVINE HS (New Performing Arts Center)



View of New Performing Arts Center Main Entrance

Series 3 Project



Street View (Walnut Avenue) of New Performing Arts Center



Building J and Building K (two-story buildings)

- New heat pumps in classrooms and on roof (40)
- New exhaust fans (11), cooling tower (1), new boiler (1), and suction pumps (2)
- New plumbing for units and equipment, new ductwork, and ductwork replacement in select areas
- Construction scheduled for summer 2023 and completed by start of 2023/2024 school year

New HVAC system

- Update the HVAC system with controls to current code
- Make HVAC system more energy efficient and improve classroom environment

Phase 1 of Building J and Building K Modernization (HVAC only)

- Phase 1 will focus on replacing HVAC system installed with original construction over 30 years ago
- Phase 2 will focus on modernizing the interior of buildings in Series 5

Series 3 Project

CULVERDALE ES (PLANNING)



3

CULVERDALE ES (PLANNING)

3



Exterior of New MPR

Series 3 Project



Interior of New MPR

GREENTREE ES (PLANNING)



GREENTREE ES (PLANNING)

3



Exterior of New MPR



Interior of New MPR

Series 3 Project

GREENTREE ES (PLANNING)

3



Interior of New Innovation Lab



Interior of New Innovation Lab

Series 3 Project

SANTIAGO HILLS ES (PLANNING)

3



SANTIAGO HILLS ES (PLANNING)

3



Exterior of New MPR



Exterior/Interior of New MPR

Series 3 Project

SANTIAGO HILLS ES (PLANNING)

3



Interior of new Innovation Lab

Series 3 Project



Proposed Food Service Walkway

QUESTIONS