

# Measure U Bond Program Summer Quick Start Projects

September 11, 2025



CUMMING  
GROUP

//////////////////// BUILDING VALUE THROUGH EXPERTISE





# AGENDA

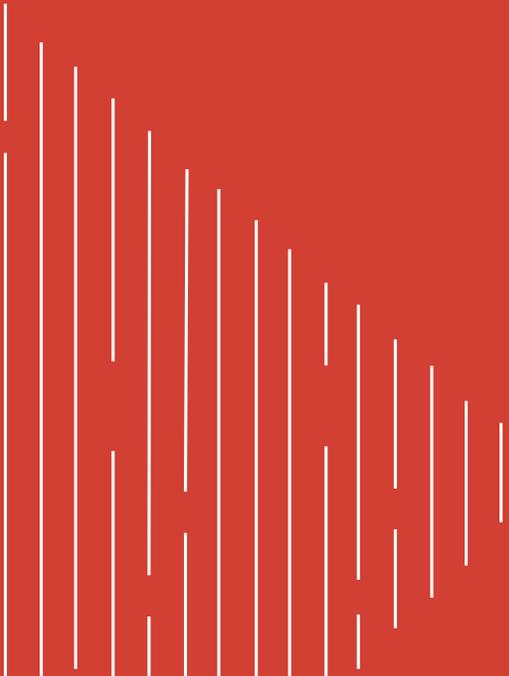
## *Summer Quick Start Projects*

1. Data Wiring Upgrade at EN, HV, LRU, OK
2. Asphalt Repairs at LRU
3. Play Structure Re-Surfacing at LRU
4. Front Entry Tree Planting at EN
5. Demonstration Classroom Project at EN, HV, LRL, LRU, OK
6. Electrical Assessment at EN, HV, LRL, LRU, OK
7. Door Access Control at EN, HV, LRU, OK
8. Intrusion Alarm Pilot at OK

## *Design Progress*

1. LRL New Construction and Modernization
2. HV Modernization
3. Districtwide HVAC Upgrades

# Quick Start Projects



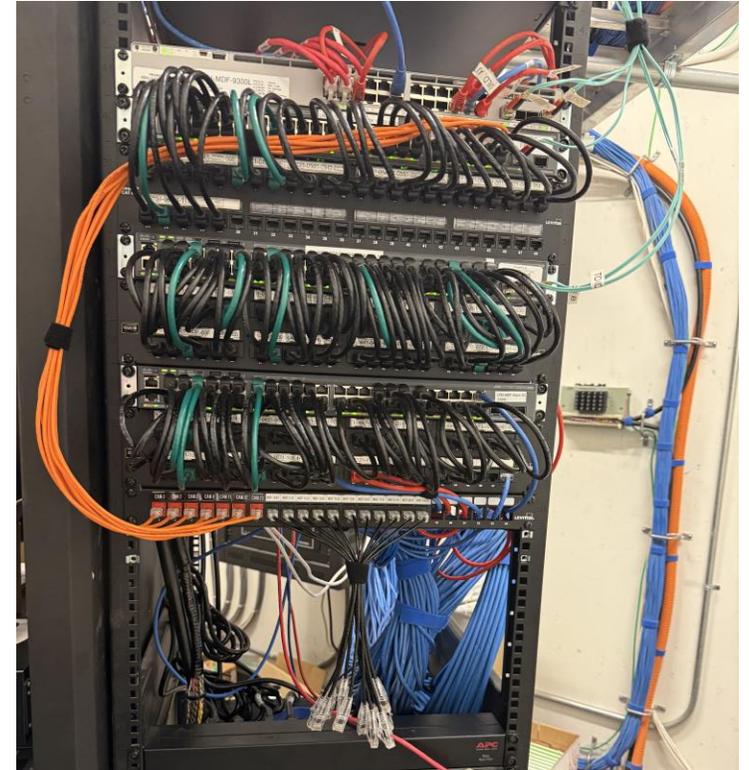
# Data Wiring Upgrade at EN, HV, LRU, OK

- Replaced outdated Cat5 and Cat5e cabling with Cat6 cabling at all sites to improve network performance and reliability.
- Installed a second ceiling data drop in each classroom to support future safety and security upgrades and modern technology.
- Relocated the Intermediate Distribution Frame (IDF) at Encinal School to facilitate infrastructure upgrades.

Project Start: May 27, 2025

Final Completion: August 29, 2025

Within Budget: Yes





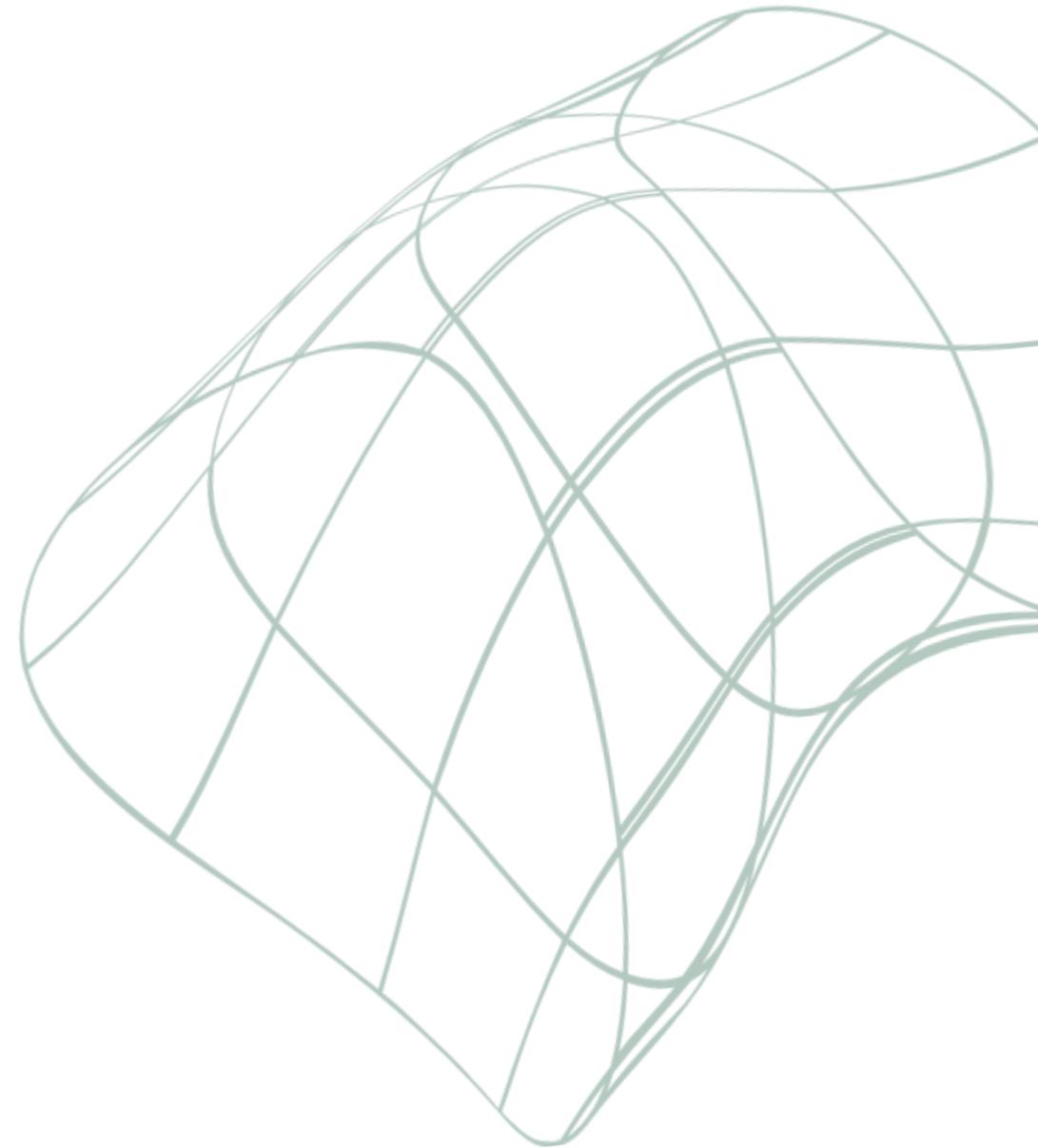
# Asphalt Repairs at LRU

- Filled cracks in the asphalt play area to improve surface durability and safety.
- Applied a protective seal coat to extend the lifespan of the asphalt surface.
- Repainted striping to enhance visibility and clearly define activity zones for student safety.
- Addressed surface wear and faded markings that had reduced safety and usability.

Project Start: June 23, 2025

Final Completion: June 27, 2025

Within Budget: Yes



Asphalt Repairs at LRU – Before



Asphalt Repairs AT LRU – After



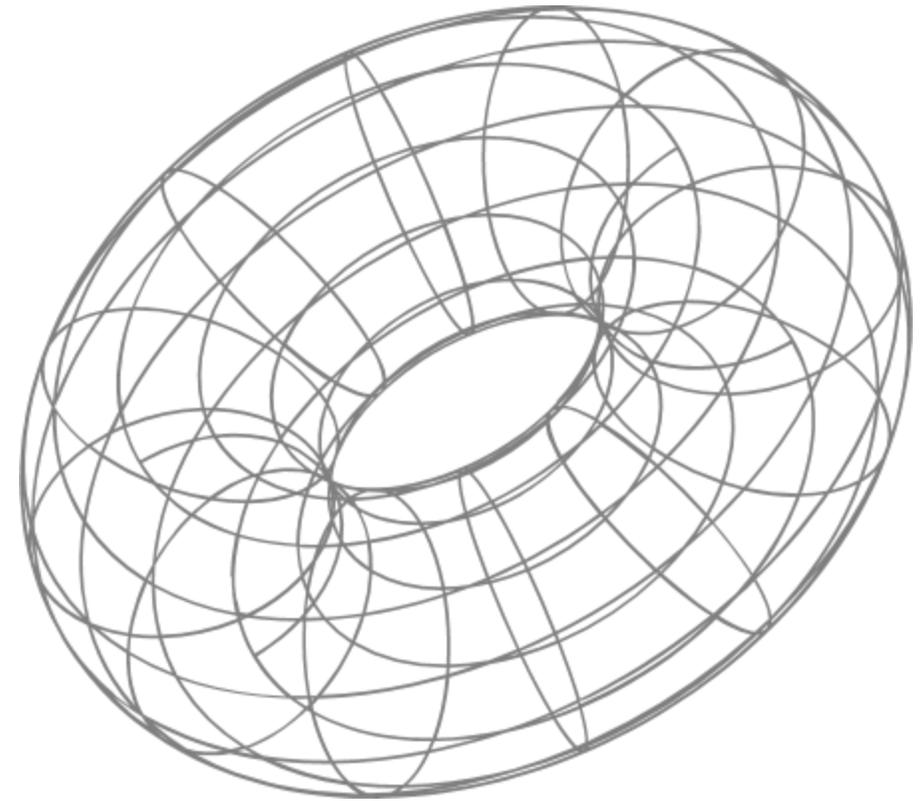
# Play Structure Re-Surfacing at LRU

- Replaced the pour-in-place rubberized play surface to enhance safety, accessibility, and overall play quality.
- A certified playground inspector conducted a test to verify compliance with safety performance standards.

Project Start: July 24, 2025

Final Completion: July 31, 2025

Within Budget: Yes



Play Structure Re-Surfacing at LRU – Before



Play Structure Re-Surfacing at LRU – After





# Front Entry Tree Planting at EN

- Began soil preparation and testing for optimal planting conditions.
- Installed a variety of shrubs and vines along the fence line to improve visual appeal and support biodiversity.
- Worked with an additional arborist to review the condition of the site to make the final selection of the tree species.
- Planted four mature Valley Oak trees (*Quercus Lobata*) to provide long-term shade and ecological benefits.
- Implemented a comprehensive irrigation system to sustain new plantings and applied premium mulch to retain moisture and enrich the soil.

Project Start: June 23, 2025

Final Completion: August 14, 2025

Within Budget: Yes

Front Tree Planting at EN – Before



Front Entry Tree Planting at EN – During Construction



Front Entry Tree Planting at EN – After





# Demonstration Classroom Project at EN, HV, LRL, LRU, OK

- Equip selected classrooms with advanced technology to enhance emergency communication, support instruction, and improve the teacher experience.
- Complete infrastructure upgrades to support the installation of emergency communication and voice amplification systems.
- Install new clocks with a customizable display.

Project Start: August 25, 2025

Final Completion: September 2, 2025

Within Budget: Yes



# Demonstration Classroom Project Photos





# Electrical Assessment at EN, HV, LRL, LRU, OK

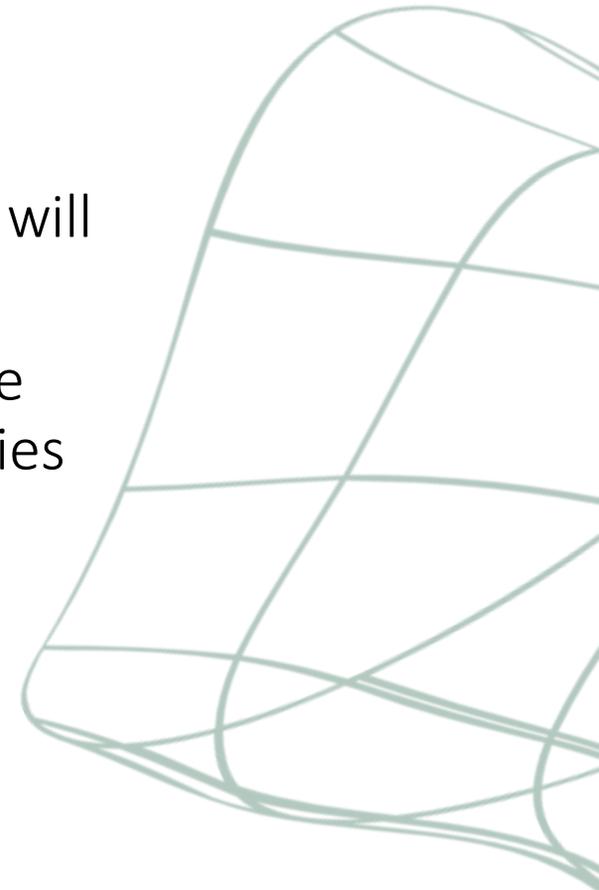
- NV5 evaluated the electrical capacity at all school sites with a focus on whether existing main switchboards can support the added load from new HVAC systems and EV chargers.
- Preliminary findings show that four campuses may have sufficient capacity for new HVAC systems and EV chargers, while Encinal School will likely require a switchgear upgrade to support additional load.
- Next steps we will utilize the information from the assessment and the design for the new HVAC systems to evaluate solar energy opportunities at each school site.

Project Start: April 4, 2025

Assessment Completion: May 13, 2025

Solar Study: Winter 2025

Within Budget: Yes



# Door Access Control at EN, HV, LRU, OK

- Launched a pilot access control project to enhance security and restrict unauthorized access by electrifying door locks and implanting a card key system in multi-purpose rooms and select campus areas that are used by outside vendors.
- Established foundational infrastructure to reduce costs for future districtwide implementation.



Project Start: January 13, 2025  
Final Completion: July 28, 2025

# Intrusion Alarm Pilot at OK

- Installed additional door contacts, sensors, cabling, and routers to ensure full security coverage.
- Integrated cameras for access control and intrusion detection into the Verkada Command system for centralized monitoring and response.
- Established foundational infrastructure to reduce costs for future districtwide implementation.

Project Start: January 13, 2025  
Final Completion: July 28, 2025

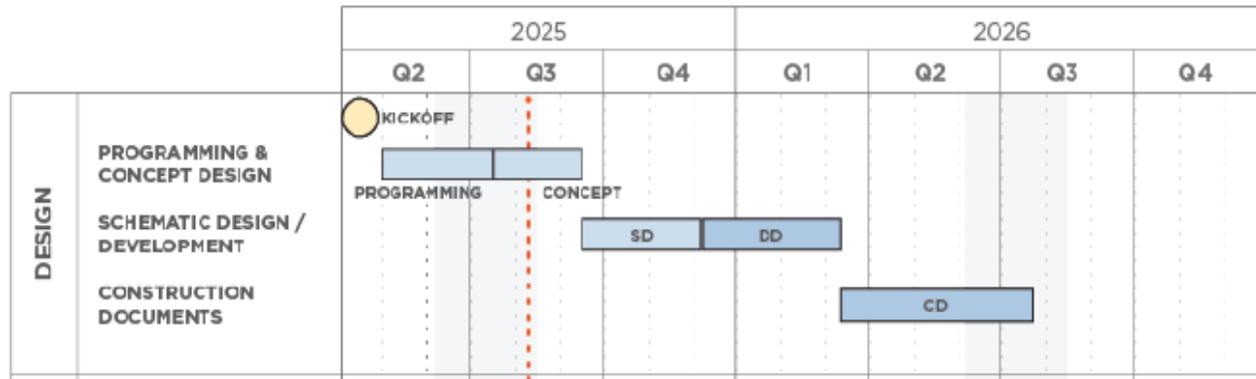


# Design Progress



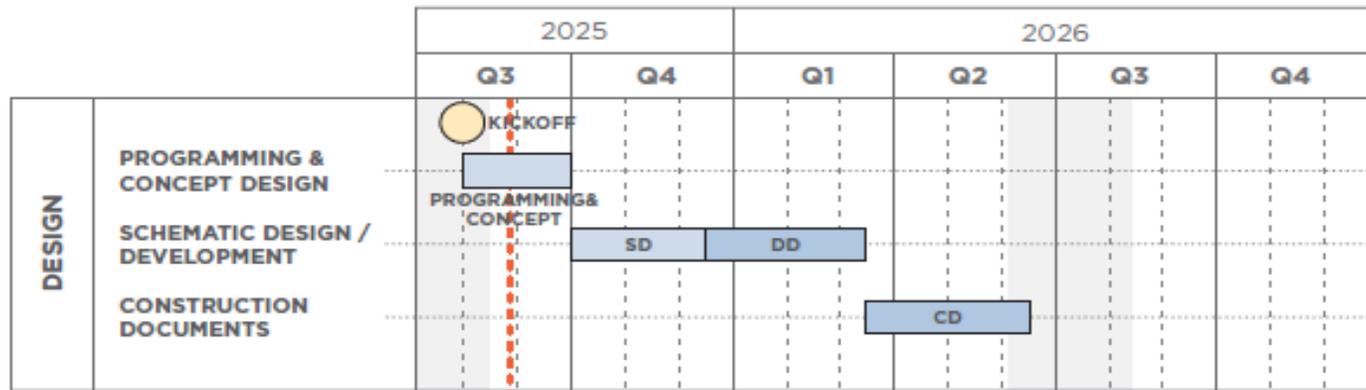
# LRL New Construction and Modernization

- Established a Design Committee consisting of the Bond Program Director, LRL site principal, LRL teachers, LRL parents, member of the MOT staff, and ELC Director.
- The design is progressing on schedule. We have completed the programming phase, and the Committee is currently developing the project's conceptual design.
- The Design Committee has convened three times, with the next meeting tentatively scheduled for September 16, 2025.



# HV Modernization

- This project includes: safety and security upgrades, door access control, classroom audiovisual and emergency communications, locker room and gym remodel with additional storage.
- The Design Team has met with the principal to review the overall project scope. The next step is to meet with the PE instructors to assess the specific needs for the locker room and gym.



# Districtwide HVAC Upgrades

MPCSD HVAC Electrification																																			
Design Schedule																																			
Phases of Design																																			
	JUNE 2025					JULY 2025					AUGUST 2025					SEPTEMBER 2025					OCTOBER 2025					NOVEMBER 2025					DECEMBER 2025				
	2-Jun	9-Jun	16-Jun	23-Jun	30-Jun	7-Jul	14-Jul	21-Jul	28-Jul	4-Aug	11-Aug	18-Aug	25-Aug	1-Sep	8-Sep	15-Sep	22-Sep	29-Sep	6-Oct	13-Oct	20-Oct	27-Oct	3-Nov	10-Nov	17-Nov	24-Nov	1-Dec	8-Dec	15-Dec	22-Dec	29-Dec				
<b>Lower Laurel</b>																																			
Design Kick-Off + Site Walk																																			
Schematic Design																																			
Design Development																																			
50% Construction Documents																																			
100% CD's to DSA - 8/19																																			
<b>Upper Laurel</b>																																			
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100% CD's to DSA - 12/12																																			
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The background features a solid yellow color with white, wavy, contour-like lines that flow from the top right towards the center, creating a sense of movement and depth.

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