

# Status of Projects

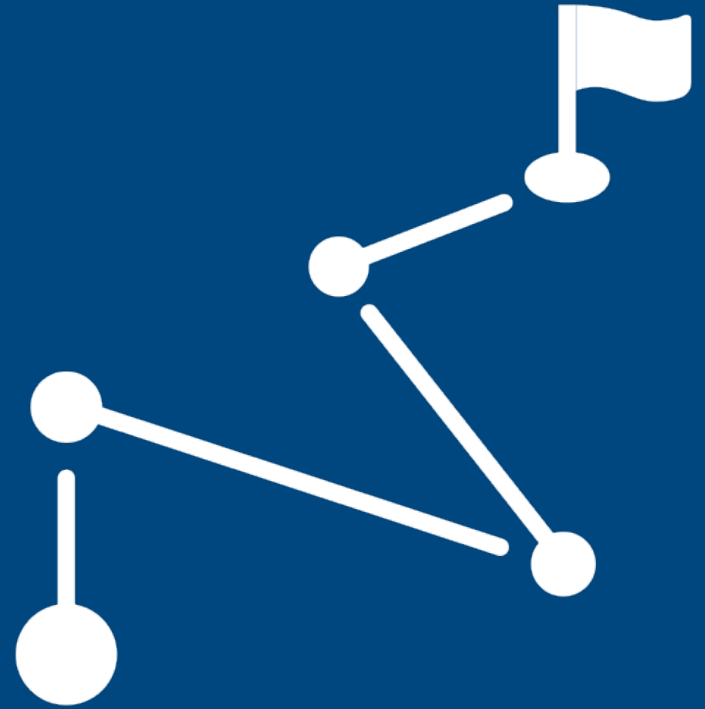
June 2023

Architecture, Engineering & Construction



# Objective

Update the GSD Board and Superintendency on the progress of major construction projects overseen by the Architecture, Engineering & Construction Department on behalf of Granite School District.



# Security Upgrades



# Security Upgrades Timeline

## SECURITY UPGRADES/REMODELS

Completed						In Progress			Future	
Prec.	School	Year	Prec.	School	Year	Prec.	School	Year	Prec.	School
1	Crestview El	2015	6	Oquirrh Hills El	2018	1	Skyline High	2026	1	Churchill Jr
1	Upland Terrace	2015	6	Arcadia El	2018	7	Cyprus High	2025	1	Olympus Jr
2	Moss El	2015	6	Valley Jr	2018	5	West Lake Jr	2024	1	Wasatch Jr.
3	Granger El	2015	7	Bacchus El	2018	1	* Oakwood El	2023	1	Olympus High
3	Wilson El	2015	7	Copper Hills El	2018	2	* Woodstock El	2023	2	Cottonwood High
4	Bridger El	2015	1	Driggs El	2019	<b>In Design</b>			2	Granite Peaks
4	Plymouth El	2015	1	Rosecrest El	2019	5	* Valley Crest El	2024	2	Bonneville Jr
5	Jackling El	2015	2	Spring Lane El	2019	6	* Western Hills El	2024	3	Eisenhower Jr
5	Redwood El	2015	4	Bennion El	2019	6	* West Kearns El	2024	4	Westbrook El
6	Academy Park El	2015	7	Diamond Ridge El	2019	7	* Silver Hills El	2024	4	Bennion Jr
6	Gourley El	2015	7	Orchard El	2019	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Elementary</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Jr. High</div> <div style="border: 1px solid black; padding: 5px;">High School</div>			4	Kearns High
7	Magna El	2015	4	Beehive El	2020				4	Taylorville High
7	Pleasant Green El	2016	5	Armstrong Ac	2020				5	Granger High
1	Cottonwood El	2016	5	Pioneer El	2020				6	Kearns Jr
2	Roosevelt El	2016	7	Elk Run El	2020				6	Kennedy Jr
2	Twin Peaks El	2016	7	Lake Ridge El	2020				6	Sandburg El
3	Taylorville El	2016	3	Granite Park Jr.	2020				7	Brockbank Jr
5	Monroe El	2016	4	South Kearns El	2020				7	Hunter Jr
7	Hillside El	2018	0	Olene Walker El	2020				7	Jefferson Jr
1	Morningside El	2018	5	Stansbury El	2021				7	Matheson Jr
1	Evergreen Jr	2018	6	Truman El	2021	7	Hunter High			
2	Lincoln El	2018	1	Eastwood El	2021		Jones Center			
2	Mill Creek El	2018	5	Wright El	2021					
3	Fremont El	2018	6	Frost El	2021					
4	Fox Hills El	2018	7	Whittier El	2021					
4	Smith El	2018	5	West Valley El	2021					
4	Vista El	2018	2	Hartvigsen	2022					
5	Farnsworth El	2018	1	Oakridge El	2022					
5	Hillsdale El	2018	5	Rolling Meadows El	2022					
6	Hunter El	2018	1	Wm Penn El	2022					

\* In the interim, until the security remodel is complete, we are installing video intercom doorbells at the front entrance to control access.





# Oakwood Elementary School

Security Remodels

The contractor is 40% complete.

Office has been painted and is waiting for millwork.

Beam has been painted.

Ceiling grid has been installed.



# Oakwood Security Upgrade



Ceiling grid is installed



Beam has been painted



# Woodstock Elementary School

Security Remodels

The contractor is 40% complete.

Office has been painted and is waiting for millwork.

Beam has been painted.

Ceiling grid has been installed.



# Woodstock Security Upgrade



Beam painted



Ceiling grid installed



# Construction Remodels



# Ongoing Projects

Westbrook Elementary re-roofing is 80% complete.

Arcadia Elementary re-roofing is 80% complete.

The Bonneville Junior High stage lighting project is to be completed this summer.

The Cottonwood High School auditorium sound system equipment has been delivered and installation is ongoing.



# Elementary School

## School Consolidations

William Penn Elementary school consolidation has begun.

Woodstock Elementary school consolidation has begun.

Oakwood Elementary school consolidation has begun.



# Cottonwood High School

Teen Center

Teen Center reconfiguration groundbreaking took place on May 25, 2023.

Construction has started.





# Boiler Replacement / HVAC Controls Upgrades

Hunter High School HVAC is 90% complete, plumbers to connect coils to heating system.

Magna Elementary contractor is insulating new cooling piping and working through punch list.

Fox Hills Elementary is 50% complete, majority of classrooms have new controls installed and contractor is working in the gym/cafeteria area.

Copper Hills Elementary is 90% complete and working through punch list.

Granite Park Junior High is 40% complete, plumbers have completed 28 of 109 valves.

GEC Chiller contractor is working on items that are attainable while switching chillers to maintain cooling capabilities.

Cottonwood High School HVAC control upgrades are ongoing.

Calvin Smith Elementary HVAC control upgrades are 75% complete.

Beehive Elementary HVAC control upgrades are 75% complete.



# Football Field Turf Replacement



# Various High Schools

## Football Field Turf Replacement

Kearns High field replacement contractor is mobilizing to the site.

Olympus High artificial turf has been removed.

Cottonwood High artificial turf has been removed.



# Olympus High Field Progress



Turf removal



# Cottonwood High Field Progress



Removal of old drainage system



Turf removal and surface preparation







Exposing existing subgrade



# New Construction



# West Lake STEM Junior High School

Building Construction

FEMA had their media tour June 5, 2023.

Structural steel is nearing completion.

Installation of mechanical, electrical, and plumbing are ongoing.

Roofing installation is ongoing.

Landscaping work has begun.

An improvement in classroom technology has occurred since bid day. We are able to remove some switching equipment and save money. A deductive change order of \$194,000 has occurred (Money back to the District).





# West Lake Building Construction



Teacher collaboration and media center



Steel over CTE area







Roof decking in place over kitchen



Chiller in place with piping attached





Choir room in progress



Band room in progress



**West Lake High School Cost Summary**

Demolition Fees		PO #270183
Demolition Payments to Date	\$ 1,251,749.00	PHASE COMPLETE
Construction Fees		PO #270409
Construction Payments to Date	\$ 28,045,994.12	
Change Orders Requiring Board Authorization Owner Request		
Advancing Work Into Earlier Phase		
Unknown Conditions	\$320,458.89	
Errors & Omission		
Staff Level Change Orders	-\$143,783.53	
CO11	-\$194,355.81	
Change Order Sub Total	\$176,675.36	
Phase Advancement Sub Total	\$0.00	

Summary		
Payments to Date - Grand Total	\$29,297,743.12	
Change Order - Grand Total	\$189,578.36	
Phase Advancement - Grand Total	\$0.00	





# Skyline High School

Athletics Complex  
Academics Phase

## Athletics Phase:

Tennis courts are nearing completion. Landscaping, curbing, asphalt paving, fencing, etc. has been completed on the north of the property. Softball is complete and being used.

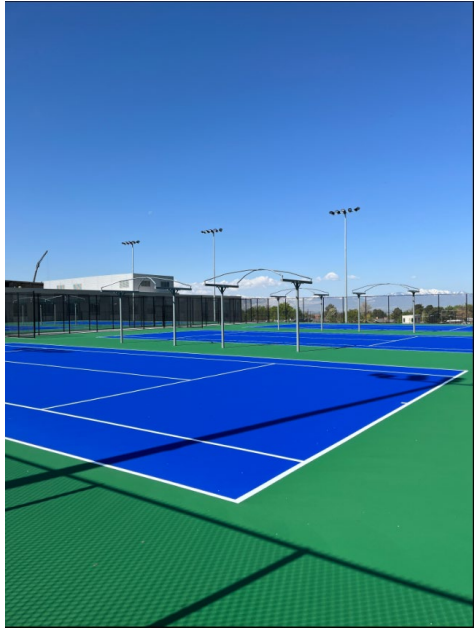
The courtyard outside of the athletics building has had concrete placed and the vestibule tilt panels have been stood.

## Academics Phase:

The administration suite is framed out and the electrical and ductwork is nearing completion on the north half. The structural steel and concrete tilt panels are being erected in the south half. Footings for the cafeteria were finished the end of May and part of the slab is in place. Preparation for placing the remaining slab is underway. Structural steel will start soon. In the main academics building, all structural steel is complete, and the majority of the concrete decks have been placed. Roofing will start the beginning of June. The ductwork, plumbing, and electrical has started in all areas. Framing has been laid out on most floors and will begin once ductwork is complete.



# Skyline Building Construction



Tennis courts nearing completion



Softball field completed and used for the last few home games





Courtyard prepared for concrete



Flatwork placed in courtyard, panels for the athletics vestibule have been stood, north wall of the administration suite being painted





Tilt panels for the south half of the administration suite placed, while part of the cafeteria slab has been placed



The south half administration suite panels have been stood, structural steel is being installed







The perimeter footings for the cafeteria being poured while the steel is being erected in the administrative suite



View of the administrative suite from the future courtyard, academics building on left





Slab placed at the chemistry labs as well as a few of the general classrooms



Ductwork and plumbing being installed down the level 3 corridor near general classrooms







Deck poured at biology lab and general classrooms



View of the main academics building from the future courtyard



### Skyline High School Cost Summary

Construction Management Fees		PO #070055
Construction Payments to Date	\$ 7,792,892.05	
Change Orders Requiring Board Authorization Owner Request	\$5,827,842.00	
Change Order Sub Total	\$5,827,842.00	
Phase 1 - Baseball Field		PO #070441
Construction Payments to Date	\$ 3,215,045.66	PHASE COMPLETE
Phase 2 - Athletics		PO #170038
Construction Payments to Date	\$ 41,251,634.55	
Change Orders Requiring Board Authorization Owner Request	\$2,513,634.43	
Advancing Work Into Earlier Phase	\$654,253.71	
Unknown Conditions	\$107,237.02	
Errors & Omission	\$305,449.44	
Staff Level Change Orders	-\$2,571,391.56	
Change Order Sub Total	\$1,009,183.04	
Phase Advancement Sub Total	\$654,253.71	
Phase 3 - Site Package		PO #270113
Construction Payments to Date	\$11,178,369.15	
Change Orders Requiring Board Authorization Owner Request	\$0.00	
Advancing Work Into Earlier Phase	\$193,225.74	
Unknown Conditions	\$71,537.66	
Errors & Omission	\$48,139.45	
Staff Level Change Orders	-\$1,590,104.04	



Change Order Sub Total	-\$1,277,201.19
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Phase Advancement Sub Total	\$193,225.74
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Phase 4 - Academic Building	PO #270306
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Construction Payments to Date	\$26,537,650.42
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Change Orders Requiring Board Authorization Owner Request	
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Advancing Work Into Earlier Phase	
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Unknown Conditions	\$1,010.00
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Errors & Omission	\$59,089.87
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Staff Level Change Orders	-\$2,094,089.85
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Change Order Sub Total	-\$2,033,989.98
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Phase Advancement Sub Total	
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<b>Summary</b>	
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Payments to Date - Grand Total	\$89,975,591.83
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Change Order - Grand Total	\$3,528,685.53
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Phase Advancement - Grand Total	\$1,056,371.44
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Bid Price approved by board 11/2021	\$173,736,642.48
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Revised Cost	\$174,262,478.61
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# Cyprus High School

## Building Construction

The retaining wall on the south side of the auditorium has been placed. Auditorium cast in place, walls have been placed on the north and south. Fourth floor mezzanine has been placed. Roofing on the south side of the auditorium has been completed. Balcony on front of the auditorium has been constructed. Flooring is being prepared to have concrete placed in the band/orchestra area.

Walls for the academic building have been tilted up and braced.

Decking on the third and fourth floor of the arts building has been installed. Concrete floors began to be placed May 30, 2023.

Steel beams have been stood up in mechanical/classroom area. The commercial kitchen will be in this area as well.

HVAC, plumbing curtain walls are currently being installed in the pool. Concrete has been placed for spectator seating. Canopy over the pool entrance has been installed.

Window frames around the gymnasium continue to be installed. Stairs on level two of the gymnasium have been placed in concrete. Drywall is being installed in the locker rooms of level one while painting has begun on the first and second levels. Insulation is being installed on level two.

Outbuilding tilt panels are being formed. Currently projected to be poured mid-June.



# Cyprus Building Construction



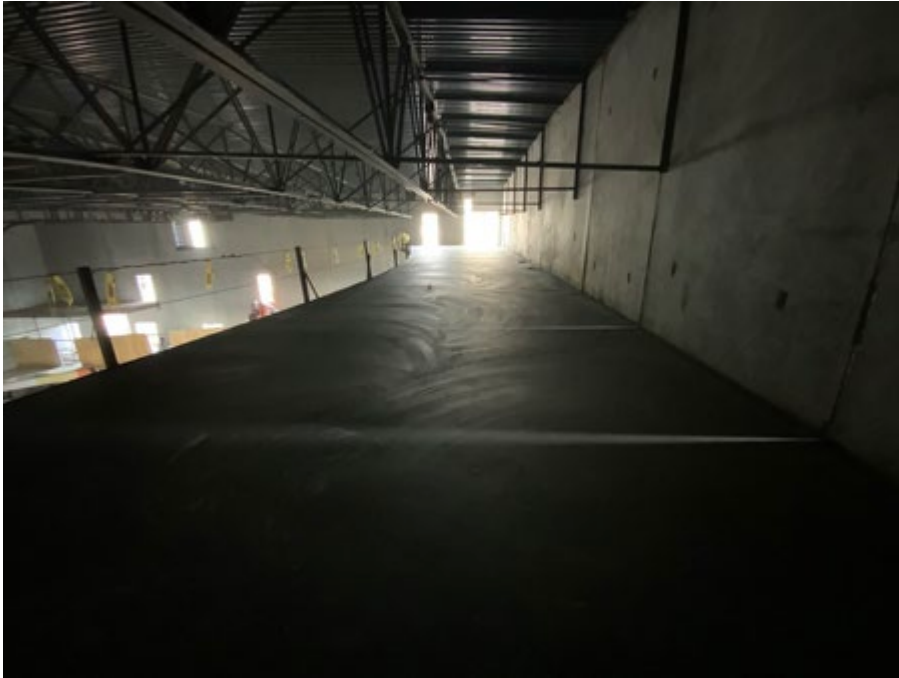
Retaining wall on south side of the building



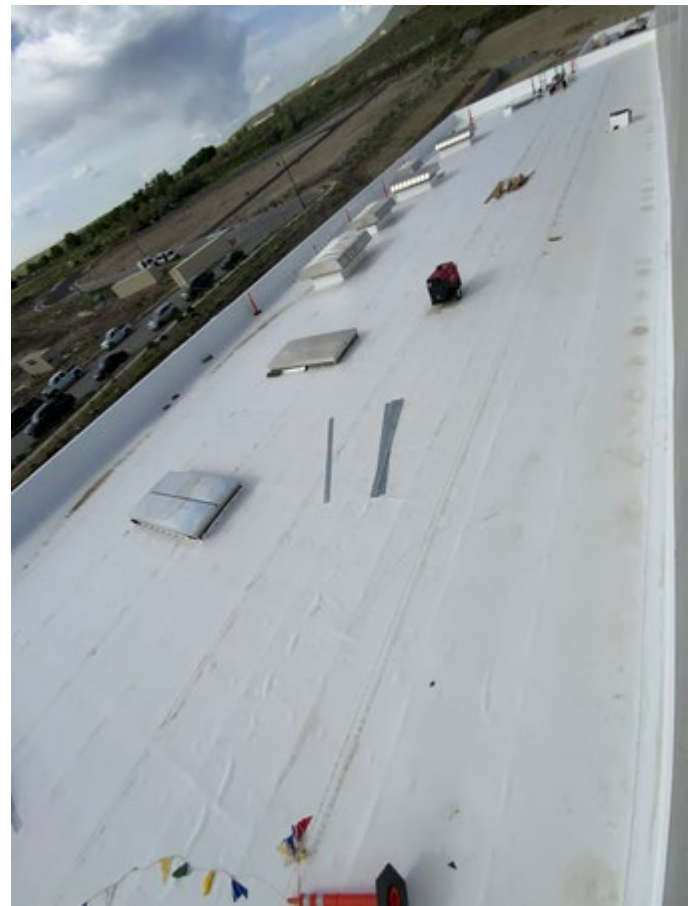
Cast-in-place walls and storage area in auditorium







Fourth floor mezzanine placed in the auditorium



Roof on south side of the auditorium







Canopy in front of the auditorium



Backfill in the band/orchestra area





Academics walls have been set and braced



Decking continues to be placed in arts area





Steel structure being raised in the mechanical and academics area







Aluminum frame for curtain wall in pool



Concrete has been placed in spectator seating area





Painting and insulation on second level of gymnasium



Drywall installed on the first level





Tilt panels being prepared for concrete



### Cyprus High School Cost Summary

Phase 1 Mass Grading		PO #170253
Construction Payments to date	\$4,170,965.69	PHASE COMPLETE
Phase 2 Construction		PO #270185
Construction Payments to Date	\$73,178,304.96	
Change Orders Requiring Board Authorization Owner Request	\$186,378.70	
	CO24	\$68,889.70
Advancing Work Into Earlier Phase	\$0.00	
Unknown Conditions	\$739,219.42	
	CO23	\$479,507.00
Errors & Omission	\$391,023.87	
Staff Level Change Orders	\$240,456.87	
	CO22	\$42,256.83
Change Order Sub Total	\$1,557,078.86	
Phase Advancement Sub Total		
<b>Summary</b>		
<b>Payments to Date - Grand Total</b>	<b>\$77,349,270.65</b>	
<b>Change Order - Grand Total</b>	<b>\$1,840,794.55</b>	

