



FOOTHILL HIGH SCHOOL



5000 MCCLLOUD DRIVE
SACRAMENTO, CALIFORNIA 95842

ORIGINAL BUILDING COMPLETED: 1954
BUILDING AREA: 162,071 SF
SITE ACREAGE: 45.13
BUILDING CAPACITY: 1,926
CURRENT ENROLLMENT: 1,187
ENROLLMENT AS OF: 07/2019

FOOTHILL HIGH SCHOOL

Aerial Image

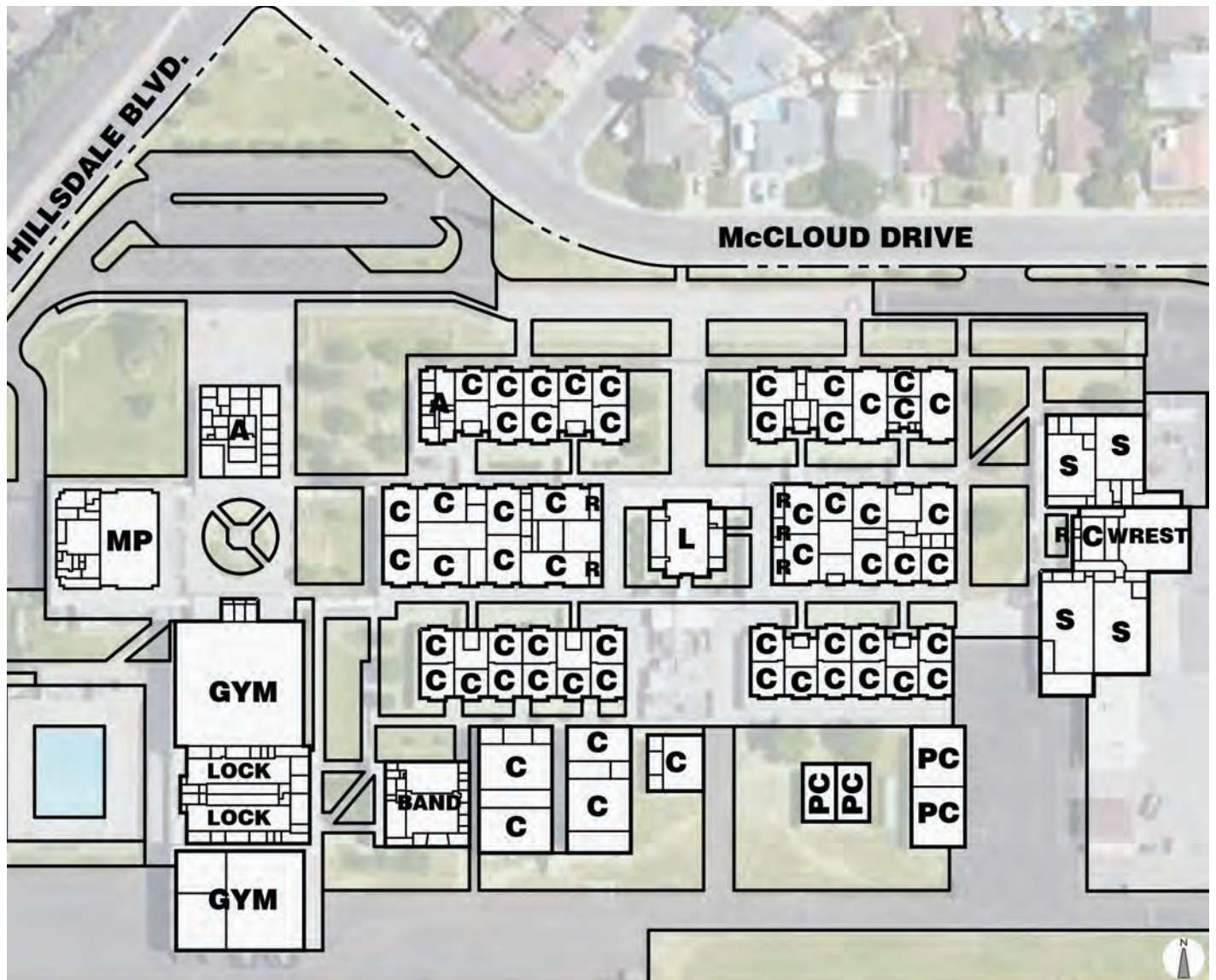


SCALE 1" = 120'



FOOTHILL HIGH SCHOOL

Existing Site Plan



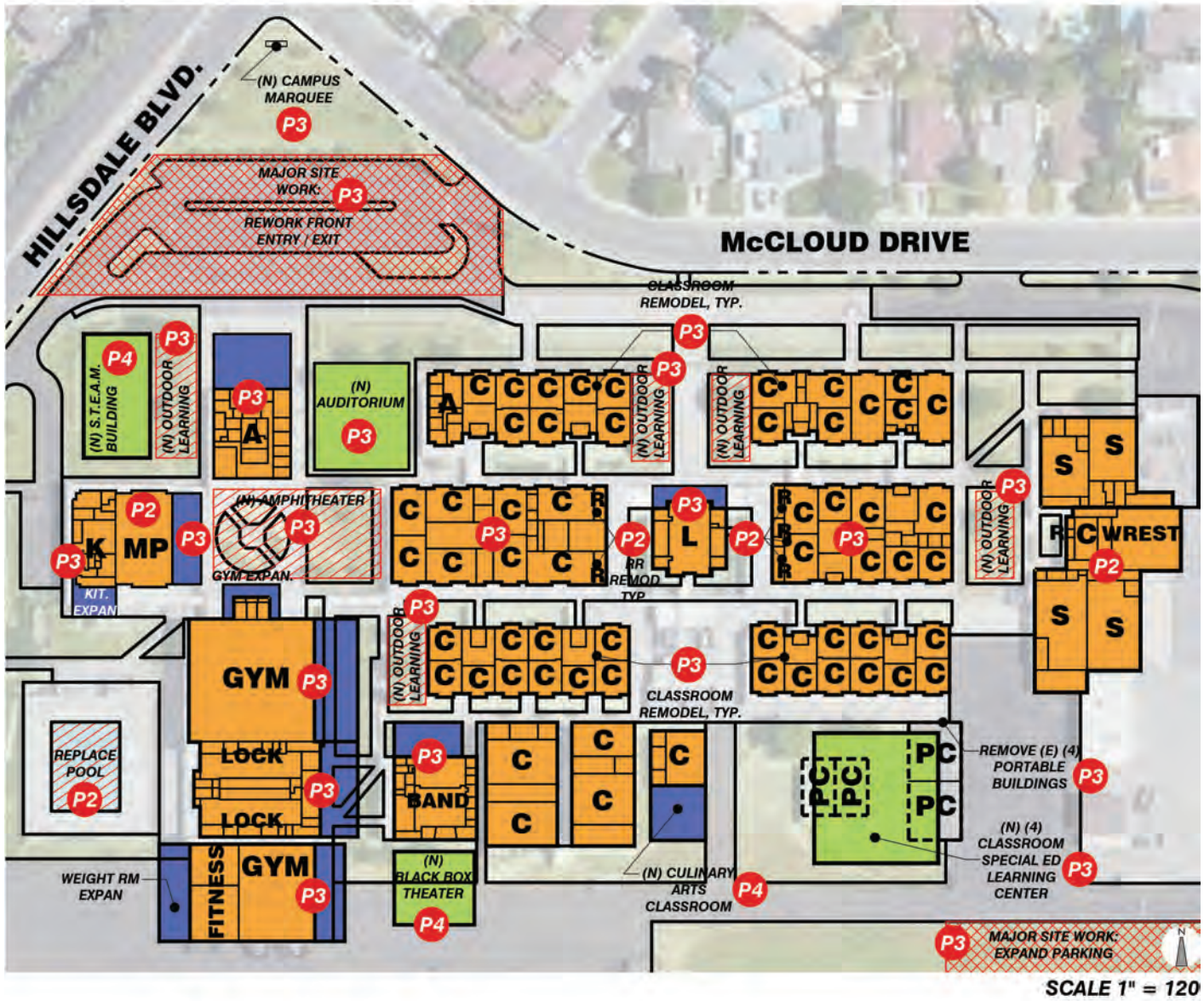
SCALE 1" = 120'

ABBREVIATIONS:

- A ADMINISTRATION
- C CLASSROOM
- K KINDERGARTEN
- MP MULTI-PURPOSE
- L LIBRARY
- PC PORTABLE CLASSROOM
- PR PORTABLE RESTROOM
- R RESTROOM
- S CTE

FOOTHILL HIGH SCHOOL

Proposed Site Plan



SCOPE
EXISTING BLDG. - NO WORK
MODERNIZATION
BUILDING EXPANSION
NEW BUILDINGS

PRIORITY KEYNOTES			
P1	1-5 YEARS	\$1,929,584.25	
P2	6-15 YEARS	\$18,787,472.33	
P3	16-20 YEARS	\$111,584,725.01	
P4	21-25 YEARS	\$22,633,776.21	
TOTAL COST		\$154,935,557.80	

ABBREVIATIONS:

A	ADMINISTRATION
C	CLASSROOM
K	KINDERGARTEN
MP	MULTI-PURPOSE
L	LIBRARY
PC	PORTABLE CLASSROOM
PR	PORTABLE RESTROOM
R	RESTROOM
S	CTE

COST ARE SHOWN IN 2016 DOLLARS

Note:

Original 2015 plan was not revised as a part of the 2019 updates.



FOOTHILL HIGH SCHOOL

Facility Totals

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

Priority	Total Cost
Priority 1	\$6,654,049
Priority 2	\$16,032,611
Priority 3	\$150,466,499
Priority 4	\$28,869,474
Priority IP	\$8,835,750
Priority C	\$7,683,855
Total	\$218,542,238

Discipline	Priority 1	Priority 2	Priority 3	Priority 4	Priority IP	Priority C	Total Cost
Civil	\$64,515	\$1,035,466	\$3,609,439	\$2,316,930	\$0	\$0	\$7,026,350
Building Envelope	\$0	\$0	\$3,518,312	\$0	\$0	\$3,266,302	\$6,784,613
Architectural	\$143,756	\$9,146,239	\$115,693,493	\$23,771,702	\$0	\$192,675	\$148,947,865
Mechanical	\$0	\$3,865,739	\$103,014	\$0	\$0	\$760,252	\$4,729,004
Electrical	\$0	\$141,739	\$5,584,107	\$330,990	\$0	\$0	\$6,056,836
Plumbing	\$280,781	\$717,923	\$3,962	\$0	\$0	\$0	\$1,002,665
Technology	\$0	\$0	\$3,082,250	\$0	\$0	\$0	\$3,082,250
Fire & Life Safety	\$2,407,586	\$0	\$0	\$2,145,755	\$0	\$0	\$4,553,341
Security	\$2,915,911	\$0	\$2,700,368	\$0	\$0	\$322,575	\$5,938,854
Athletics/Activities	\$841,500	\$1,125,506	\$10,640,515	\$304,097	\$8,835,750	\$3,142,051	\$24,889,419
Nutrition Services	\$0	\$0	\$5,531,039	\$0	\$0	\$0	\$5,531,039
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Discipline Totals	\$6,654,049	\$16,032,611	\$150,466,499	\$28,869,474	\$8,835,750	\$7,683,855	\$218,542,238

P1 Total	\$6,654,049
P1 + P2 Total	\$22,686,660
P1 + P2 + P3 Total	\$173,153,159
P1 + P2 + P3 + P4 Total	\$202,022,633
In Progress (IP) Total	\$8,835,750
Complete (C) Total	\$7,683,855
IP + C Totals	\$16,519,605

FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
CIVIL					\$7,026,350
86	Provide new campus marquee appropriately located near front of campus.	1	PQ	SGN	\$64,515
82	Provide new drought tolerant landscaping and irrigation with controls (allowance).	2	PQ	IRR	\$562,753
85	Site drainage in courtyards need addressed and RWLs tied in.	2	PQ	SD	\$300,135
87	Repair/replace cracked concrete sidewalks throughout site.	2	PQ	SPM	\$22,510
88	Provide miscellaneous parking and play area paving repairs/resurfacing and re-stripe to ensure proper ADA parking spaces and accessible route.	2	PQ	SPM	\$150,068
81	Replace existing freestanding canopies between buildings.	3	PQ	CNPY	\$891,464
83	Dumpster location is inefficient.	3	PQ	OTH	\$15,848
84	Add or modify existing outdoor amphitheater to serve as an outdoor learning space. Provide adequate shade and seating area for entire student body and provide multiple outdoor learning spaces. Each space to accommodate 80 students each for collaborative learning (assuming two classes of 40 students each for collaborative learning). Outdoor learning environments will be wireless capable to support outdoor instructional programs. The design of the outdoor learning spaces are to support project based learning (i.e. sundials, gardens, etc.).	3	PQ	REN	\$475,448
89	Provide additional parking per District standards at 500-750 spaces (visitors, student and staff). Currently have 430 spaces.	3	PQ	SPN	\$2,028,576
90	Rework front entry/exit driveway to provide less congestion and safer conditions.	3	PQ	SPN	\$198,103
91	Provide 250 additional parking space near Stadium.	4	PQ	SPN	\$1,654,950
92	Provide 100 after hours parking spaces in close proximity to Baseball and Softball fields.	4	PQ	SPN	\$661,980
BUILDING ENVELOPE					\$6,784,613
77	Replace old exterior classroom windows with new energy efficient glazing and frames.	3	PQ	WDW	\$3,518,312
73	Provide miscellaneous canopy soffit repair throughout campus at various locations. [Completed 2017]	C	2017U	ESOF	\$35,063



FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
78	FOOTHILL HS ROOFING (2015) (015-15-910) - PBK Line Item: Provide miscellaneous roof maintenance and repair per 2016 Roof Assessment Report.	C	2017U	RFM14-15	\$109,383
79	FOOTHILL HS ROOFING (2015) (015-15-910)	C	2017U	RFM15-16	\$94,428
80	FOOTHILL HS ROOFING (2017) (065-17-910) [Completed 2018]	C	2017+19U	RFM16-17	\$502,695
74	Provide miscellaneous roof maintenance and repair per 2016 Roof Assessment Report. [Completed 2020]	C	PQ	RFR	\$2,524,734
ARCHITECTURE					\$148,947,865
22	Main Gym bleacher repair.	1	PQ	BLC	\$70,125
30	Provide new room graphics and way-finding signage per ADA requirements.	1	PQ	GRP	\$73,631
31	Provide "super" graphics paint package (include wall mural at MPR and floor logo).	2	PQ	GRP	\$75,034
37	Restrooms at band building are abandoned due to non-ADA compliant - provide ADA compliant fixtures.	2	PQ	REN	\$187,584
38	Modernize Boys' and Girls' Student Restrooms - (3 sets; building C east, C west and F): Include new finishes (flooring, hard wall-surfacing, ceiling, etc.), fixtures, partitions, etc. to ensure ADA accessibility.	2	PQ	REN	\$709,069
39	Modernize Men's and Womens' Staff Restrooms - Building F: Include new finishes (flooring, hard wall-surfacing, ceiling, etc.), fixtures, partitions, etc. to ensure ADA accessibility.	2	PQ	REN	\$70,907
40	Modernize and/or Repurpose Shop Building "E": Modernize existing area to accommodate new District Visual Arts and CTE program. Include new finishes (flooring, painting, ceiling, etc.); E1-Ceramics needs flooring coating, 150 lockers; E2-shop; E3-Weight Room.	2	PQ	REN	\$6,227,801
41	Modernize - Cafeteria/MPR (5,000 sf). Include all new finishes (flooring, paint, hard-surface wall treatment, ceiling, etc.), acoustical treatment, stage, window replacement, etc. - (include improvements to outside eating area). NOTE: no stage in Cafeteria.	2	PQ	REN	\$1,875,844
1	Provide better acoustical treatment at Main Gym.	3	PQ	ACO	\$79,241
2	Construct new (4,500 sf) Administration area to accommodate existing high school administration department requirements. Provide sense of entry and properly sized lobby/reception area.	3	PQ	ADD	\$3,369,734

FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
3	Construct new (14,000 sf) Fine Arts Area addition (including band, choir, orchestra, dance, restroom area, etc.).	3	PQ	ADD	\$8,153,925
4	Construct new Weight Room facility (current weight room located in space that was not originally designed for this purpose).	3	PQ	ADD	\$1,164,846
5	Construct new (8,200 sf) Aux. PE Locker Room: Locker Room per new District Program standards. NOTE: no Locker Room at Aux Gym.	3	PQ	ADD	\$5,458,137
6	Expand existing Main Gym. Provide new finishes, new bleachers, sound system, scoreboard, etc. Construct new enclosed lobby area with adequate public restrooms, ticket booth and concession area, storage, etc.	3	PQ	ADD	\$10,317,211
7	Construct new (9,000 sf) MPR/Cafeteria addition. Expand to accommodate current enrollment to include improvements to outside eating area. NOTE: no stage in Cafeteria due to its small size.	3	PQ	ADD	\$6,739,468
8	Provide (2) additional Boys' and Girls' Student and Staff Restrooms throughout campus to provide better proximity for students and staff.	3	PQ	ADD	\$1,456,058
9	Construct Special Education Learning Center to replace existing portables (include classrooms, office, restroom/shower, etc.).	3	PQ	ADD	\$11,232,447
10	Construct new Auditorium/Theater per new District Program standards (currently none exist at this campus).	3	PQ	ADD	\$16,640,663
11	Construct new (11,500 sf) Library addition per new District Program standards, add storage, etc.	3	PQ	ADD	\$7,654,705
12	Construct new Wrestling room in close proximity to Main Gym.	3	PQ	ADD	\$1,397,816
13	Construct new (2,200 sf) Main Gym addition. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$1,464,378
14	Construct new (2,000 sf) Auxiliary Gym addition. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$1,331,253
23	Replace bleachers in Main Gym.	3	PQ	BLC	\$1,188,619
24	Provide window coverings at all classrooms.	3	FRP	BLD	\$293,193
25	Remove and replace educational/classroom casework throughout campus. (NOTE: Casework in poor condition, some areas still have original.)	3	PQ	CWK	\$2,377,238
26	Remove and replace all exterior doors and frames.	3	PQ	DR	\$1,188,619
27	Replace wooden floors in Main Gym and restripe.	3	PQ	FLR	\$198,103



FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
28	Replace wooden floors in Auxiliary Gym and restripe.	3	PQ	FLR	\$198,103
29	Remove and replace carpet and VCT flooring throughout facility.	3	PQ	FLR	\$3,099,918
32	Remove and replace marker board/tack board in all classrooms.	3	PQ	MBTB	\$3,518,312
33	Paint previously painted exterior surfaces (life cycle).	3	PQ	PTG	\$475,448
34	Paint previously painted interior surfaces.	3	PQ	PTG	\$356,269
42	Modernize existing Administration (6,000 sf). Include new finishes (floors, walls, ceiling), casework, new windows, etc. Provide secure sense of entry.	3	PQ	REN	\$2,377,238
43	Repurpose Classroom Building "C": Confirm these older science rooms are still needed - consider repurpose.	3	PQ	REN	\$1,188,619
44	Modernize existing Main Gym: Provide new finishes, old window replacement, new bleachers, sound system, scoreboard, etc.	3	PQ	REN	\$9,984,398
45	Modernize existing Aux. Gym: Provide new finishes, refinish wood floors, replace old windows, bleachers, etc. NOTE: currently Gym divided for weight room.	3	PQ	REN	\$3,565,856
46	Modernize existing Library Building: Include new finishes (flooring, paint, ceiling, etc.), new library shelving and ADA compliant circulation desk, new lighting, etc.	3	PQ	REN	\$2,218,755
47	Modernize all (5) portable classroom buildings (T4, T7-T10). Include new finishes (flooring, paint interior/exterior, etc.), repair/replacement of roof, siding, hardware, HVAC, lighting, security, technology, etc.	3	PQ	REN	\$198,103
48	Modernize existing Fine Arts building "M". Include new finishes, acoustical treatment, instrument storage, etc.	3	PQ	REN	\$2,614,961
49	Modernize Main Boys' and Girls' Athletic Locker Rooms: Provide new finishes, lockers, etc.	3	PQ	REN	\$4,160,166
50	I.T. MDF & IDF: Provide dedicated locked "Data" room to include dedicated HVAC conditioned for I.T. server and equipment.	3	PQ	TECH	\$31,697
15	Construct new concession and restroom building at Stadium.	4	PQ	ADD	\$1,737,698
16	Construct new (5) classroom addition to replace all portable classrooms.	4	PQ	ADD	\$3,909,819
17	Construct new Black Box Theater addition (include control room, dressing rooms, scene Shop, storage, etc.). (See Principal Interview).	4	PQ	ADD	\$7,819,639

FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
18	Provide additional athletic storage space at Stadium complex and field house.	4	PQ	ADD	\$608,194
19	Construct new S.T.E.A.M. Center building.	4	PQ	ADD	\$6,099,318
20	Construct Commercial Culinary Arts Lab and Classroom.	4	PQ	ADD	\$3,475,395
21	Incorporate VAPA room at stage or in portable.	4	PQ	ADD	\$121,639
51	FOOTHILL HS FLOORING REPLACEMENT ROOMS T7 & T8 (011-15-910)	C	2017U	FLR14-15	\$9,126
52	FOOTHILL HS POOL COVER AND CHAIR LIFT (018-14-910)	C	2017U	POOL14-15	\$22,894
53	FOOTHILL HS EXTERIOR PAINTING (019-14-910) - PBK Line Item: Paint previously painted exterior surfaces. (2014 Painting Project). [Completed 2017]	C	2017U	PTG14-15	\$160,655
MECHANICAL					\$4,729,004
117	Majority of school has Trane equipment and related hydronic pumps installed in 2004. Replace units after expected 15 year lifespan.	2	PQ	HVAC	\$3,751,688
120	Replace corroded piping in main campus boiler room.	2	PQ	HVAC	\$3,001
121	Replace old and broken restroom exhaust fans.	2	PQ	HVAC	\$66,030
122	Remove abandoned water cooled chillers and cooling tower.	2	PQ	HVAC	\$30,014
123	Replace old and damaged Kitchen exhaust fan, relief hood and evaporative cooler.	2	PQ	HVAC	\$15,007
124	Add HVAC to existing press box.	3	PQ	HVAC	\$55,469
125	Portable buildings have Bard exterior wall mounted equipment. Replace units which have exceeded their life expectancy.	3	PQ	HVAC	\$47,545
118	Replace broken boiler (B-3) in main campus boiler room due to rotted condensate. [Completed 2020]	C	2021U	HVAC	\$275,688
119	Replace LON DDC controls with District preferred controls. LON DDC control wiring was installed incorrectly which causes frequent addressability problems. [Completed 2020]	C	2021U	HVAC	\$484,564
ELECTRICAL					\$6,056,836
102	Multi-Purpose Room lighting in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	2	PQ	LTG	\$141,739



FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
94	Replace existing exposed broken EMT conduits and associate fittings on roof.	3	PQ	ELE	\$64,185
95	Campus Administration general and computer use receptacles/outlets: Add power outlets and circuits in conjunction with the architectural additions and minor remodel.	3	PQ	ELE	\$52,109
96	All classrooms in conjunction with addition/minor remodel: Add more power receptacles and circuits.	3	PQ	ELE	\$1,032,368
97	Kitchen in conjunction with addition/remodel: Add more power outlets and circuits for Kitchen equipment and appliances. New additional panel is required. Recommend adding new receptacle outlets and circuits.	3	PQ	ELE	\$31,697
98	Library and Computer Rooms in conjunction with new/ additions/remodel: Add power outlets and circuits for computers and Library equipment.	3	PQ	ELE	\$31,697
99	Music Room: Add power outlets and circuits for keyboards. Existing "daisy chain" plug strip cords in violation of electrical code and fire department and OSHA regulations.	3	PQ	ELE	\$18,181
100	Computer Lab Room: Add power outlets and circuits for computers equipment. Existing power strips "daisy chained" in violation of electrical code and fire department regulations.	3	PQ	ELE	\$12,679
103	Gymnasium Locker Rooms lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$143,704
104	Administration: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$162,841
105	Campus-wide has no existing building master lighting control system in place. All local manual switching with no occupancy sensors to auto shut off of lighting when room is not occupy, exception only in the Library room. No day light sensor in place. Recommend adding new occupancy sensors in all rooms; ceiling mounted type in large rooms, wall mounted type in small offices and/ or rooms.	3	PQ	LTG	\$25,357

FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
106	All classrooms lighting fixtures in conjunction with addition/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system to comply with Title 24 lighting compliance with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$3,226,149
107	Gymnasium lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$511,582
108	Kitchen in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$99,052
109	Library lighting in conjunction with new/additions/remodel: Replace existing lighting with energy efficient LED fixtures and lighting control system in conjunction with the architectural additions and minor remodel in order to comply with current Title 24 lighting requirements.	3	PQ	LTG	\$99,052
110	Weight Room lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$67,117
111	Swimming pool lighting is not working. Relamp or replace with new swimming pool lighting.	3	PQ	POOL	\$6,339
93	Upgrade/replace emergency generator and automatic transfer switch.	4	PQ	EG	\$330,990
PLUMBING					\$1,002,665
131	Gas pipes serving HVAC units are rusted at various locations - replace rusted gas pipe.	1	PQ	PLB	\$56,801
132	Provide seismic joints on gas line between building joints as necessary.	1	PQ	PLB	\$30,855
133	Provide needed repairs to Building "F" - Science: Include reconnecting gas, repairing any sanitary sewer issues, reconnect fume hood, etc.	1	PQ	PLB	\$105,188
134	Gas pipes at regulators where pipe enters buildings at various locations are rusted - replace rusted gas pipe.	1	PQ	PLB	\$56,100
135	Food prep sink connected directly to sanitary sewer - drain indirectly to approved receptacle.	1	PQ	PLB	\$3,086



FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
136	Provide new grease trap/ interceptor serving Kitchen.	1	PQ	PLB	\$5,610
137	There is no seismic shut-off at gas meter - provide seismic valve.	1	PQ	PLB	\$3,506
138	Gas pipe branches at gas meter are rusted - replace rusted pipes.	1	PQ	PLB	\$4,208
142	Kitchen water heater: seismically secure, provide expansion tank, drain pan, and discharge T&P to approved receptacle. Also water heater is old - replace.	1	PQ	WTRH	\$15,428
129	Provide and replace missing/damaged drinking fountains to comply with ADA - (See Principal Questionnaire).	2	PQ	EDF	\$450,203
130	Restroom fixtures are generally not ADA compliant throughout campus - provide ADA compliant fixtures.	2	PQ	FXT	\$262,618
139	Gas pipes at boiler rooms are rusted at fittings and welded joints - replace rusted gas pipe.	2	PQ	PLB	\$5,102
140	Custodial sink is leaking at mid campus boiler room - repair.	3	PQ	PLB	\$3,962
TECHNOLOGY					\$3,082,250
157	Information Technology (I.T.) systems: Provide infrastructure to include racks, cabinets, patch panels, conduit pathways, cables (fiber optic & Cat-5E), data device outlets and power as needed and determined by District's I.T. planned upgrade and/or replacements.	3	PQ	TECH	\$3,082,250
FIRE & LIFE SAFETY					\$4,553,341
113	Upgrade and replace fire alarm system to comply with DSA & NFPA 72. All existing and new strobes shall be synchronized to comply with DSA & NFPA 72 to address autistic students' negative reaction to visual strobes that are not synchronized.	1	PQ	FA	\$2,045,741
115	Provide interior and/or exterior egress emergency lighting. Add new egress lighting fixtures with integrated emergency battery pack and new exit light signs in rooms with two or more exit doors. Replace existing exit light signs with new LED exit lights.	1	PQ	LTG	\$25,245
116	Establish dedicated area for auto and bus drop-off/pick-up. Provide covered waiting area, seating and traffic control as required.	1	PQ	REN	\$336,600
114	Upgrade and replace fire protection (sprinkler) system (only system is in the "F" wing).	4	PQ	FSPR	\$2,145,755

FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
SECURITY					\$5,938,854
145	Upgrade and replace existing clock and bell system campus-wide.	1	PQ	CLK	\$659,183
146	Provide new lockset and re-key entire facility per new District "Grand Master" keying system.	1	PQ	HDW	\$252,450
147	Upgrade and replace existing PA/intercom and communication system. (Old system, and not in all buildings.)	1	PQ	PA	\$704,644
148	Upgrade and add standardized surveillance camera to 100% IP system campus-wide. Locations and placement must be comprehensively reviewed.	1	PQ	SCM	\$1,136,523
155	Limited exterior building and walkway lighting for egress, safety and security cameras. All exterior lighting controls through one or multiple astronomic time clocks, no photocell. Recommend add new lighting fixtures and replacing existing lighting.	1	PQ	SL	\$5,330
156	Parking lot lighting limited for egress, safety and security. All exterior lighting control through one or multiple astronomic time clocks, no photocell. Add new pole mounted energy efficient LED lighting fixtures to include motion sensors.	1	PQ	SL	\$157,781
149	Provide card reader access portals at all remaining exterior doors (including classrooms).	3	PQ	SCR	\$594,309
151	Provide fencing around remaining campus for access control.	3	PQ	SF	\$396,206
152	Provide security fence at baseball and softball fields.	3	PQ	SF	\$297,155
154	Upgrade and replace intrusion alarm system campus-wide.	3	PQ	SIA	\$1,412,698
150	Provide card reader access portals at all public access doors at MPR, Gym, Teachers' Workroom and Library.	C	PQ	SCR	\$70,125
153	Provide ornamental fencing at front of campus for access control and way-finding.	C	PQ	SF	\$252,450
ATHLETICS/ACTIVITIES					\$24,889,419
61	Replace existing track and field events per District standard (scheduled lifecycle replacement of track surface; (8) lane.	1	PQ	AT	\$631,125
64	Replace scoreboard at Stadium.	1	PQ	MEQ	\$210,375
57	Replace football field at Stadium complex (future lifecycle field turf replacement).	2	PQ	AF	\$1,125,506
56	Resurface (8) existing tennis courts per District standard (life cycle).	3	PQ	AE	\$101,429



FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
58	Construct new Baseball and Softball field complex with Tifway-419 natural turf fields, field sub-drainage, head-to-head irrigation coverage, NFHS standard outfield and foul territory distances with 8' tall field fencing, 40' and 50' backstop netting system.	3	PQ	AF	\$7,527,919
62	Replace football Stadium seating.	3	PQ	BLC	\$316,965
63	Provide irrigation system at baseball and softball fields.	3	PQ	IRR	\$396,206
66	Repair and upgrade pole vault to ensure code compliance.	3	PQ	REN	\$79,241
70	FOOTHILL HS TURF REPLACEMENT (004-15-910), 14-15FY	C	2017U	AF14-15	\$11,637
71	FOOTHILL HS TURF REPLACEMENT (004-15-910), 15-16FY	C	2017U	AF15-16	\$725,540
67	Modernize existing Field House; refurbish/replace all existing lockers and install lockers in all team rooms.	3	PQ	REN	\$2,218,755
55	Replace Stadium Press Box.	4	PQ	ADD	\$304,097
59	Construct a synthetic practice Soccer/Football field (230 x 400 ft including grading and drainage). [Completed 2017]	C	2017U	AF	\$1,683,000
68	Upgrade sports lighting. [Completed 2017]	C	2017U	SL	\$350,625
72	FOOTHILL HS TENNIS COURT IMPROVEMENTS (007-14-910) - PBK Line Item: Resurface (8) existing tennis courts per District standard. [Completed 2017]	C	2017U	TC14-15	\$371,249
65	Replace pool to be ADA compliant.	IP	2021U	POOLN	\$8,835,750
NUTRITION SERVICES					\$5,531,039
126	Construct new (4,500 sf) Kitchen addition. Include all new finishes (flooring, paint, ceiling, etc.), new kitchen equipment, etc.	3	PQ	ADD	\$2,995,319
127	Provide new Kitchen equipment (allowance).	3	PQ	MEQ	\$554,689
128	Modernize existing Kitchen. Include all new finishes (flooring, paint, ceiling, etc.), new kitchen equipment allowance, stainless steel prep area, walk-in cooler/freezer, etc.	3	PQ	REN	\$1,981,031

FOOTHILL HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

PRIORITY CODE	PRIORITY DESCRIPTION	TOTAL
1	Must Do: Legal, Safety Reasons of Critical Replacements (Life Expectancy 1-5 years)	\$6,654,049
2	Should Do: Curricular, Instructional, Program Need - (Life Expectancy 6-15 years)	\$16,032,611
3	Would Like To Do: Curricular, Instructional, Program Enhancement (Life Expectancy 16-20 years)	\$150,466,499
4	Future Consideration (Life Expectancy 21-25 years)	\$28,869,474
IP	In Progress Scope of Work (Life Expectancy 0 years)	\$8,835,750
C	Complete Scope of Work (Life Expectancy 0 years)	\$7,683,855
		\$218,542,238



GRANT UNION HIGH SCHOOL MAIN CAMPUS



1400 GRAND AVENUE
SACRAMENTO, CALIFORNIA 95838

ORIGINAL BUILDING COMPLETED: 1934
BUILDING AREA: 146,318 SF
SITE ACREAGE: 56.29
BUILDING CAPACITY: 2,424
CURRENT ENROLLMENT: 1,989
ENROLLMENT AS OF: 07/2019

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

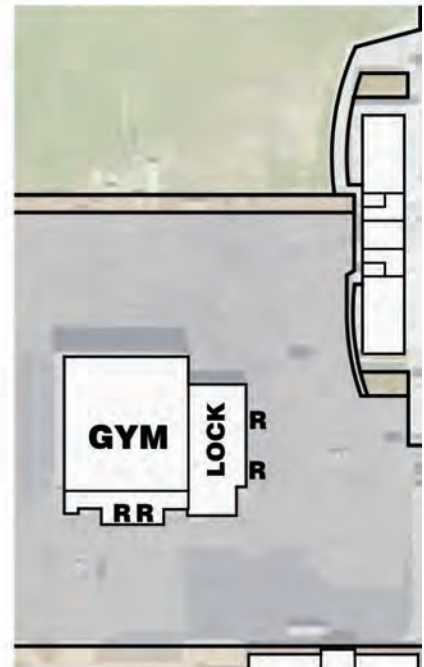
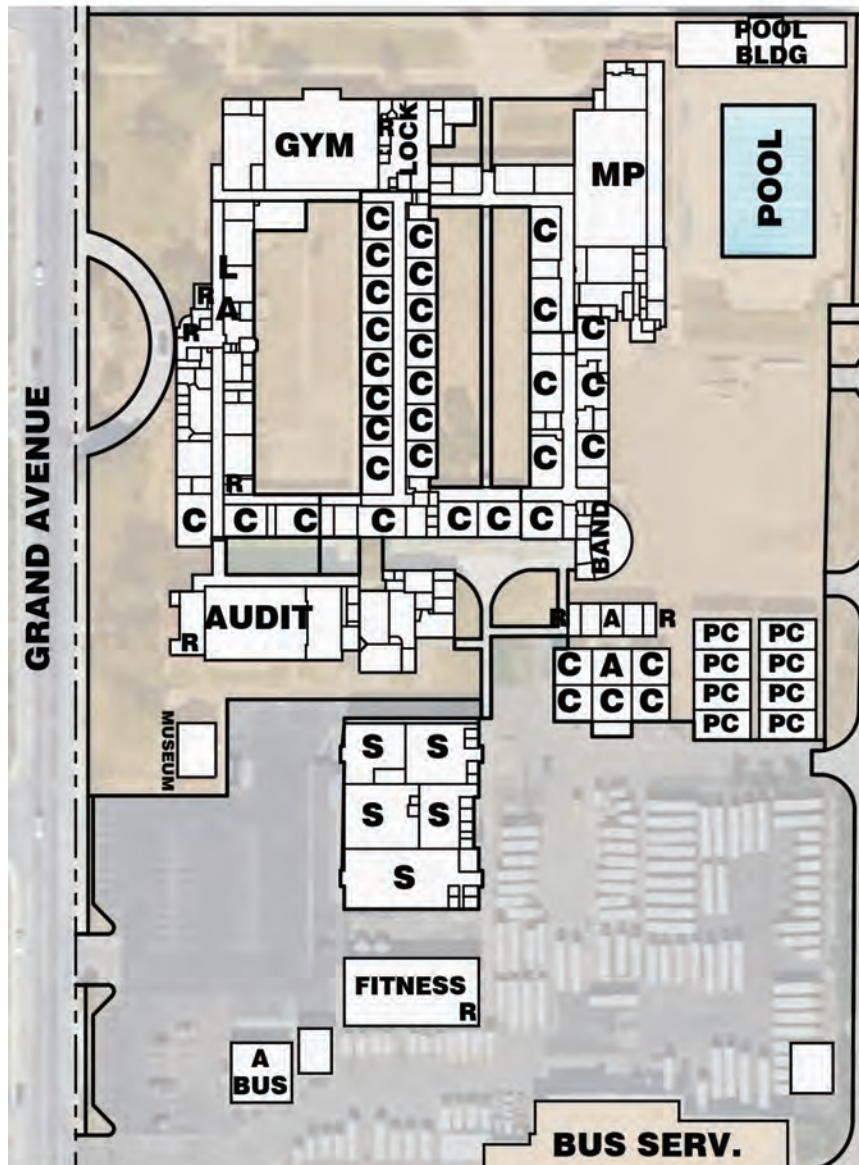
Aerial Image





GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Existing Site Plan



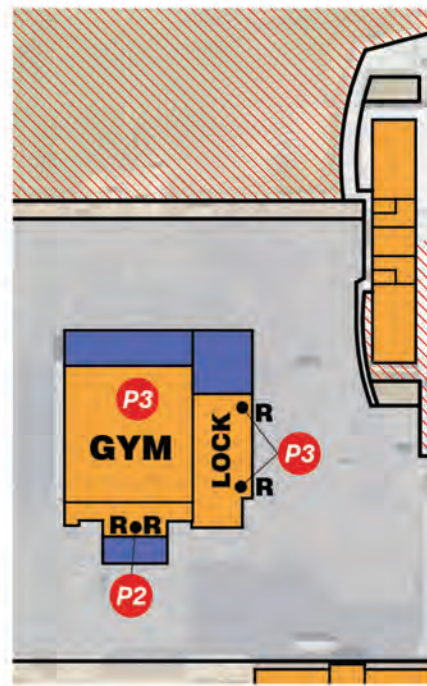
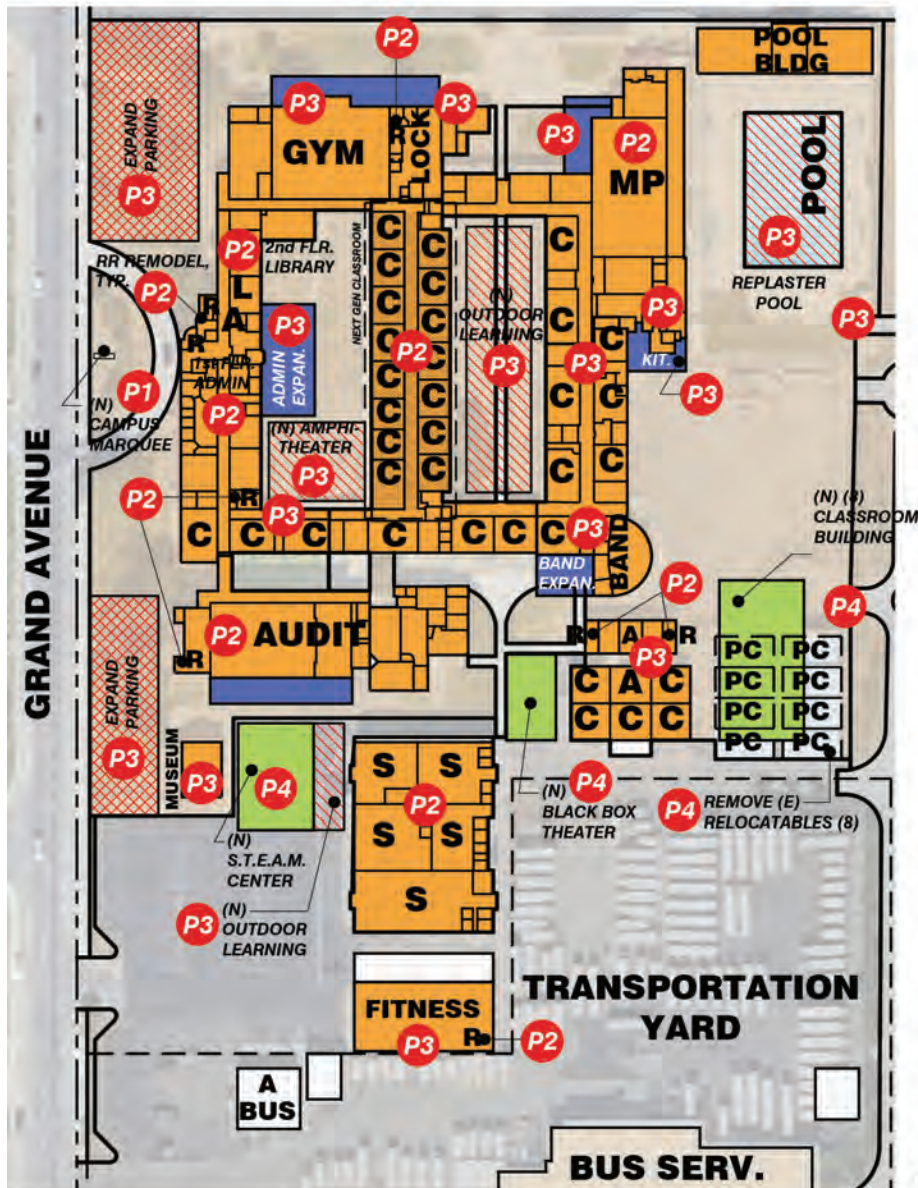
SCALE 1" = 150'

ABBREVIATIONS:

- A** ADMINISTRATION
- C** CLASSROOM
- K** KINDERGARTEN
- MP** MULTI-PURPOSE
- L** LIBRARY
- PC** PORTABLE CLASSROOM
- PR** PORTABLE RESTROOM
- R** RESTROOM
- S** CTE

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Site Plan



SCALE 1" = 150'

SCOPE
EXISTING BLDG. - NO WORK
MODERNIZATION
BUILDING EXPANSION
NEW BUILDINGS

PRIORITY KEYNOTES			
P1	1-5 YEARS	\$5,599,933.63	
P2	6-15 YEARS	\$14,548,765.00	
P3	16-20 YEARS	\$95,075,864.46	
P4	21-25 YEARS	\$21,005,919.96	
TOTAL COST		\$136,230,483.04	

ABBREVIATIONS:

A	ADMINISTRATION
C	CLASSROOM
K	KINDERGARTEN
MP	MULTI-PURPOSE
L	LIBRARY
PC	PORTABLE CLASSROOM
PR	PORTABLE RESTROOM
R	RESTROOM
S	CTE

COST ARE SHOWN IN 2016 DOLLARS

Note:

Original 2015 plan was not revised as a part of the 2019 updates.



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Facility Totals

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

Priority	Total Cost
Priority 1	\$11,754,243
Priority 2	\$18,416,284
Priority 3	\$121,257,045
Priority 4	\$29,256,279
Priority IP	\$4,362,969
Priority C	\$24,163,807
Total	\$209,210,626

Discipline	Priority 1	Priority 2	Priority 3	Priority 4	Priority IP	Priority C	Total Cost
Civil	\$1,665,216	\$450,203	\$1,045,985	\$0	\$0	\$1,770,480	\$4,931,883
Building Envelope	\$0	\$2,251,013	\$6,989,078	\$0	\$0	\$512,729	\$9,752,820
Architectural	\$3,767,466	\$10,414,685	\$83,685,099	\$26,404,314	\$0	\$4,772,304	\$129,043,867
Mechanical	\$1,288,337	\$3,188,934	\$1,304,311	\$0	\$1,353,663	\$5,285,262	\$12,420,506
Electrical	\$21,038	\$262,618	\$5,296,447	\$330,990	\$350,625	\$0	\$6,261,718
Plumbing	\$35,834	\$528,238	\$47,545	\$0	\$0	\$3,376,251	\$3,987,867
Technology	\$0	\$0	\$4,637,768	\$0	\$0	\$0	\$4,637,768
Fire & Life Safety	\$2,284,479	\$0	\$0	\$1,937,192	\$0	\$0	\$4,221,671
Security	\$2,691,874	\$270,122	\$2,067,799	\$0	\$0	\$530,403	\$5,560,197
Athletics/Activities	\$0	\$1,050,473	\$11,014,534	\$583,784	\$2,664,750	\$7,947,635	\$23,261,175
Nutrition Services	\$0	\$0	\$5,168,479	\$0	\$0	\$0	\$5,168,479
Other	\$0	\$0	\$0	\$0	-\$6,069	-\$31,258	-\$37,327
Discipline Totals	\$11,754,243	\$18,416,284	\$121,257,045	\$29,256,279	\$4,362,969	\$24,163,807	\$209,210,626

P1 Total	\$11,754,243
P1 + P2 Total	\$30,170,527
P1 + P2 + P3 Total	\$151,427,571
P1 + P2 + P3 + P4 Total	\$180,683,850
In Progress (IP) Total	\$4,362,969
Complete (C) Total	\$24,163,807
IP + C Totals	\$28,526,776

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
CIVIL					\$4,931,883
376	Provide new campus marquee appropriately located near front of campus.	1	PQ	SGN	\$65,216
382	Grant HS Paving Phase II: Repair and improvements to front staff and student parking lots.	1	2017U	SPM16-17	\$1,600,000
373	Provide new drought tolerant landscaping and irrigation with controls (allowance).	2	PQ	IRR	\$450,203
372	Replace existing and add freestanding canopies between buildings.	3	PQ	CNPY	\$475,448
374	Provide enclosures for existing dumpsters; (6) or more dumpsters scattered around school not within enclosures.	3	PQ	OTH	\$95,090
375	Add or modify existing outdoor amphitheater to serve as an outdoor learning space. Provide adequate shade and seating area for entire student body and provide multiple outdoor learning spaces. Each space to accommodate 80 students each for collaborative learning (assuming two classes of 40 students each for collaborative learning). Outdoor learning environments will be wireless capable to support outdoor instructional programs. The design of the outdoor learning spaces are to support project based learning (i.e. sundials, gardens, etc.).	3	PQ	REN	\$475,448
381	GRANT HS PAVING PHASE 1 (130-16-920): PBK Line Item: Provide miscellaneous parking, bus loop, and museum lot and play area paving repairs/replacement and re-stripe to ensure proper ADA parking spaces and accessible route. Completed 2016	C	2017U	SPM15-16	\$718,030
383	GRANT HS PAVING PHASE 1 (130-16-920) - PBK Line Item: Bus zone/staff parking lot. [Completed 2017]	C	2017U	SPM16-17	\$1,028,824
384	GRANT HS CONCRETE REPLACEMENT (045-19-920) [Completed 2019]	C	2019U	SPM19	\$23,626
BUILDING ENVELOPE					\$9,752,820
369	Replace old exterior classroom windows with new energy efficient glazing and frames. NOTE: Maintain historical quality.	2	PQ	WDW	\$2,251,013
367	Replace existing roof per District standard.	3	PQ	RFR	\$6,989,078
370	GRANT HS ROOFING (015-15-920)	C	2021U	RFM14-15	\$444,510
371	GRANT HS ROOFING (015-15-920) - PBK Line Item: Provide miscellaneous roof maintenance and repair as proposed by 2016 Roof Assessment Report.	C	2017U	RFM15-16	\$68,219



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
ARCHITECTURE					\$129,043,867
306	Replace bleachers in Main Gym.	1	PQ	BLC	\$525,938
311	Provide new room graphics and way-finding signage per ADA requirements.	1	PQ	GRP	\$85,903
319	Modernize second floor building "A" - Library and (3) Science Lab/classrooms. Include all new finishes (flooring, paint, ceiling, etc.), new doors and hardware, etc. NOTE: Address historical preservation requirements.	1	PQ	REN	\$3,155,625
312	Provide "super" graphics paint package (include wall mural at MPR and floor logo).	2	PQ	GRP	\$75,034
320	Modernize "S" CTE Building.	2	PQ	REN	\$4,201,890
321	Modernize existing Administration (6,500 sf). Include new finishes (floors, walls, ceiling), casework, new windows, etc. Provide secure sense of entry. Note: Address historical preservation requirements.	2	PQ	REN	\$2,438,597
322	Modernize Cafeteria/MPR (6,000 sf). Include all new finishes (flooring, paint, hard-surface wall treatment, ceiling, etc.), acoustical treatment, stage, window replacement, etc.	2	PQ	REN	\$2,251,013
323	Modernize Boys' and Girls' student restrooms (5 set). Include all new finishes (ceiling, walls, flooring, etc.), fixtures, partitions to ensure ADA accessibility.	2	PQ	REN	\$1,181,782
324	Modernize staff restrooms (4 set). Include all new finishes (ceiling, walls, flooring, etc.), fixtures, partitions to ensure ADA accessibility.	2	PQ	REN	\$236,356
338	Re-seal all building expansion/control joints and install heavy duty protective joint cover system (students are picking at sealant joints throughout building).	2	PQ	WRI	\$30,014
289	Provide better acoustical treatment at Main Gym.	3	PQ	ACO	\$95,090
290	Construct new (2,300 sf) Auxiliary Gym addition. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$1,530,941
291	Expand existing Auxiliary Boys' and Girls' PE Locker Rooms. Include additional athletic Locker Rooms, showers, storage, etc.	3	PQ	ADD	\$2,795,631
292	Construct new (20,000sf) Band/Orchestra/Choir Building. Existing is not located in traditional type spaces - repurpose existing spaces.	3	PQ	ADD	\$13,312,530
293	Expand existing Main Gym. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$11,648,464

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
294	Construct new (4,000 sf) addition to existing Administration area to create secure, dedicated front entry and functional administration area. (Current area is very small and spread throughout campus.) Note: Maintain historical quality/compatibility.	3	PQ	ADD	\$2,662,506
295	Construct new (8,000 sf) addition to existing MPR including new stage to accommodate new VAPA/music room requirements.	3	PQ	ADD	\$5,325,012
296	Construct new Wrestling room in close proximity to Main Gym.	3	PQ	ADD	\$1,497,660
297	Expand existing Boys' and Girls' Locker Rooms at Main Gym. Include additional athletic Locker Rooms, showers, storage, etc.	3	PQ	ADD	\$1,131,565
298	Construct new Auditorium/Theater per new District Program standards.	3	PQ	ADD	\$13,312,530
308	Provide window coverings at all classrooms.	3	FRP	BLD	\$198,103
309	Remove and replace educational/classroom casework throughout campus. Provide ADA accessible sink locations.	3	PQ	CWK	\$1,584,825
310	Remove and replace all exterior doors and frames.	3	PQ	DR	\$713,171
313	Remove and replace marker board/tack board in all classrooms.	3	PQ	MTB	\$2,377,238
314	Provide motorized basketball backboards in Gymnasium.	3	PQ	MEQ	\$31,697
317	Paint previously painted interior surfaces.	3	PQ	PTG	\$348,662
318	Paint previously painted exterior surfaces (life cycle).	3	PQ	PTG	\$594,309
325	Modernize "G" Building.	3	PQ	REN	\$3,169,650
326	Modernize Recording Studio area behind Stage.	3	PQ	REN	\$2,773,444
327	Modernize Main Boys' and Girls' Athletic Locker Rooms. Provide new finishes, lockers, etc.	3	PQ	REN	\$1,981,031
328	Modernize existing Main Gym. Provide new finishes, wood floor resurface and re-stripping, trackable goals, etc.	3	PQ	REN	\$5,229,923
329	Modernize Auxiliary Boys' and Girls' PE Locker Rooms. Provide new finishes, lockers, etc.	3	PQ	REN	\$2,535,720
330	Modernize Auxiliary Gym. Provide new finishes, wood floor resurface and re-stripping, trackable goals, etc.	3	PQ	REN	\$5,705,370



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
331	Modernize Weight Room/Fitness Center Building.	3	PQ	REN	\$2,179,134
332	Modernize all (8) portable buildings. Include new flooring, paint, misc. exterior roofing and siding repairs, etc. Provide secondary emergency means of egress.	3	PQ	REN	\$316,965
333	Modernize Museum Building.	3	FRP	REN	\$594,309
344	GRANT HS MOD (MISSION POSSIBLE) (024-17-920) [Completed 2021]	C	2021U	REN16-17	\$832,700
343	GRANT HS OFFICE/KITCHEN MOD (167-16-920), 15-16FY	C	2017+19U	REN15-16	\$723,703
337	I.T. MDF & IDF: Provide dedicated locked "Data" room to include dedicated HVAC conditioned for I.T. server and equipment.	3	PQ	TECH	\$39,621
299	Construct new Concession and Restroom building at Stadium.	4	PQ	ADD	\$1,737,698
300	Construct new (8) classroom addition to replace all portable classrooms.	4	PQ	ADD	\$6,255,711
301	Construct new Black Box Theater addition (include control room, dressing rooms, scene shop, storage, etc.). (See Principal Interview).	4	PQ	ADD	\$8,688,488
302	Provide additional athletic storage space at Stadium complex and Field House.	4	PQ	ADD	\$695,079
303	Construct new S.T.E.A.M. Center building (7,500sf).	4	PQ	ADD	\$5,421,616
304	Construct Commercial Culinary Arts Lab and Classroom.	4	PQ	ADD	\$3,475,395
305	Incorporate VAPA room at stage or in portable.	4	PQ	ADD	\$130,327
339	GRANT HS FLOORING REPLACEMENT ROOMS W55, W66, lounge, registrar, admin (011-15-920)	C	2017U	FLR14-15	\$26,964
340	GRANT HS GREENHOUSE (117-17-920) [Completed 2019]	C	2017+19U	OTH16-17	\$307,620
315	Modernize existing pool building. [Completed 2017]	C	2017U	POOL	\$1,788,188
341	GRANT HS EXTERIOR PAINTING (019-14-920) - PBK Line Item: Paint previously painted exterior surfaces. (2014 Painting Project)	C	2017U	PTG14-15	\$343,410
342	GRANT HS AUDITORIUM REMODEL (024-16-920) - PBK Line Item: Modernize Auditorium and Stage: Include new finishes, stage lighting, sound system, control booth upgrade, etc. NOTE: Maintain historical quality. Expand to meet District Ed. Program requirements. Completed 2017	C	2017U	REN15-16	\$749,720

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
MECHANICAL					\$12,420,506
422	Provide ground mount packaged equipment and new ductwork for Fitness Center which has no HVAC. [Completed 2021 - Mission Possible]	C	2021U	HVAC	\$105,188
418	Remove abandoned Admin building radiators.	1	PQ	HVAC	\$3,857
419	Cable studio is served by Carrier heat pumps installed in 1985 which are broken due to cracked heat exchangers. Replace with new packaged equipment.	1	PQ	HVAC	\$175,313
421	Auditorium and stage have minimal heating only and no air conditioning. Replace equipment to provide air conditioning and adequate heating.	1	PQ	HVAC	\$1,051,875
423	Remove boiler plant asbestos.	1	PQ	HVAC	\$25,946
424	Remove abandoned boiler plant, piping and related equipment.	1	PQ	HVAC	\$31,346
420	Replace outdated science classroom fume hood and exhaust stack with code compliant system. [Completed 2021 - Mission Possible]	C	2021U	HVAC	\$16,830
426	Rooms B2, B4 and B6 are served by Trane split systems installed in 2003. Replace after 15 year expected lifespan.	2	PQ	HVAC	\$281,377
425	Bldg. S is served by Reznor unit heaters installed in 1997 which are broken. Replace with packaged rooftop equipment. [Completed 2021 - Mission Possible]	C	2021U	HVAC	\$294,525
427	Building C, E, Kitchen, and Cafeteria are served by Trane packaged equipment installed in 2003. Replace after 15 year expected lifespan.	2	PQ	HVAC	\$2,907,558
428	Admin building, Main Gym Locker Rooms, and Building G have Trane equipment installed in 2014. Replace units after 15 year expected lifespan.	3	PQ	HVAC	\$633,930
429	Rooms B8, B12, B14, Annex Gymnasium and Main Gymnasium have Trane packaged equipment installed in 2012. Replace after 15 year expected lifespan.	3	PQ	HVAC	\$47,545
430	Bldg. D has Trane packaged equipment installed in 2014. Replace after 15 year expected lifespan.	3	PQ	HVAC	\$126,786
431	Portable buildings have Marv-Aire exterior wall mounted equipment installed in 2001. Replace units which require continual maintenance are at their expected lifespan.	3	PQ	HVAC	\$63,393
432	Admin building ventilation has been provided by packaged units which are not meant to run at 100% outside air as they are. Replace units with equipment designed to operate under these conditions.	3	PQ	HVAC	\$147,389



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
433	Replace Trane controls with District preferred controls.	3	PQ	HVAC	\$277,344
434	Replace local thermostat controls at snack bar buildings with controls tied into District energy management system.	3	PQ	HVAC	\$7,924
436	GRANT HS HVAC PHASE 2 (020-14-920)	C	2017U	HVAC14-15	\$3,482,758
809	GRANT HS ADMIN HVAC REPLACEMENT [Completed 2021]	IP	2021U	HVAC19	\$1,353,663
437	GRANT HS HVAC PHASE 1 (043-11-920)	C	2017U	HVAC16-17	\$1,385,962
ELECTRICAL					\$6,261,718
386	Panel in classroom existing original 1935 panelboard is obsolete no parts available. District maintenance staff don't know how to turn circuit off/on. Three unknown circuits remained connected. Recommend: move the three circuits and reconnect to a more current panelboard. Abandon the obsolete panelboard or move it to District's historic archive.	1	PQ	ED	\$21,038
400	Multi-Purpose Room lighting in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	2	PQ	LTG	\$262,618
389	Campus administration general and computer use receptacles/outlets: Add power outlets and circuits in conjunction with the architectural additions and minor remodel.	3	PQ	ELE	\$97,334
390	Replace existing exposed broken EMT conduits and associate fittings on roof.	3	PQ	ELE	\$114,107
391	All classrooms in conjunction with addition/minor remodel: Add more power receptacles and circuits.	3	PQ	ELE	\$638,938
392	Kitchen in conjunction with addition/remodel: Add more power outlets and circuits for Kitchen equipment and appliances. New additional panel is required. Recommend adding new receptacle outlets and circuits.	3	PQ	ELE	\$25,357
393	S-Wing (Shop/CTE area): Add power outlets and circuits in conjunction with the architectural remodel.	3	PQ	ELE	\$125,366
394	Computer Lab Room: Add power outlets and circuits for computers equipment. Existing power strips "daisy chained" in violation of electrical code and fire department regulations.	3	PQ	ELE	\$19,018

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
395	Add power outlets and circuits in the field house in conjunction with major remodel.	3	PQ	ELE	\$25,357
396	Band/Orchestra/Choir: Add power outlets and circuits.	3	PQ	ELE	\$32,292
397	Vocational Office Bldg.-G: Add power outlets and circuits in conjunction with the architectural remodel.	3	PQ	ELE	\$50,714
401	Administration: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$206,027
402	Campus-wide has no existing building master lighting control system in place. All local manual switching with no occupancy sensors to auto shut off of lighting when room is not occupy, exception only in the Library room. No day light sensor in place. Recommend adding new occupancy sensors in all rooms; ceiling mounted type in large rooms, wall mounted type in small offices and/or rooms.	3	PQ	LTG	\$25,357
403	All classrooms lighting fixtures in conjunction with addition/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system to comply with Title 24 lighting compliance with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$1,597,345
404	Gymnasium lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$796,850
405	Kitchen in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$63,393
406	Band/Orchestra/Choir: Lighting & Control: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$285,269
407	S-Wing (Shop/CTE area): lighting and controls: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$313,415



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
408	Weight Room lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$162,793
409	Gymnasium Locker Rooms lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$131,128
410	Field House lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system in conjunction with major remodel.	3	PQ	LTG	\$63,393
411	Vacation Office Bldg.-G lighting and controls: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$126,786
412	The campus original outdoor main switchboard west of the swimming pool is old and obsolete replacement parts no longer available or very hard to find. Recommend: Replace the switchboard with a new switchboard.	3	PQ	POOL	\$396,206
388	Upgrade/replace emergency generator and automatic transfer switch.	4	PQ	EG	\$330,990
385	The outdoor main electrical service switchgear located outside the original Shop building (now classrooms) is old & obsolete. Electrical feeder wires are exposed. All disconnect switches are old, rusted and obsolete. One of the 3 fuses in the main service disconnect switch "blew up" in half, The District maintenance replaced only the one broken fuse. After replacing the fuse, the crew unable to pull main service disconnect handle to turn on power. They had to use a 2x4 wood block and applied extreme manpower force to the handle turn on the electrical service. A second critical issue is SMUD pole with their pole mounted transformer providing overhead electrical service is leaning with the potential of falling to the ground. The existing main switchgear and it's existing condition is hazardous and life threatening. The condition is non compliance with electrical code, NFPA 70, OSHA. Recommend: Completely replace with new outdoor pad mounted main switchboard to include new SMUD underground primary and secondary electrical service to the new Main Switchboard.	IP	2021U	ED	\$350,625

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
PLUMBING					\$3,987,867
462	GRANT HS WATER LINE (135-16-920), 15-16FY	C	2017U	OTH15-16	\$161,296
463	GRANT HS WATER LINE (135-16-920), 16-17FY	C	2017U	OTH16-17	\$59,330
448	Kitchen food prep sink drains directly to sanitary sewer and has no garbage disposer - drain indirectly to approved receptacle and provide garbage disposer.	1	PQ	MEQ	\$8,415
449	There is no seismic shut-off at all three gas meters serving campus - Provide seismic valve.	1	PQ	PLB	\$3,576
450	Water backflow device serving east side of campus is old and severely rusted and leaking - replace.	1	PQ	PLB	\$9,818
458	Replace Kitchen water heater: Provide expansion tank, seismic straps and dirtleg, discharge T&P to approved receptacle, provide code compliant plumbing serving all connections.	1	PQ	WTRH	\$14,025
445	Drinking fountain at student activities, Auditorium entrance, cable studio and throughout main building halls are not ADA compliant - provide accessible fountains and entrances.	2	PQ	EDF	\$337,652
446	Student Restrooms at front entrance, Locker Rooms, Bldg. G, Auditorium, Bldg. S, Student Activities Center are not ADA compliant. Provide accessible Boys' urinals throughout.	2	PQ	FXT	\$135,061
447	Staff Restrooms at Kitchen, entrance Admin., Cable Studio, Bldg. G, Gym and S2 are not ADA compliant. Provide ADA accessible restrooms. (Mens' have floor urinals throughout).	2	PQ	FXT	\$33,315
451	Fixtures at staff Restroom at hall serving front Administration is not ADA - provide ADA compliant fixtures.	2	PQ	PLB	\$22,210
453	Custodial sinks throughout campus are old - replace.	3	PQ	PLB	\$47,545
452	Campus potable and irrigation water is supplied by well. Pump, tank and valves are old. Pump is severely corroded, storage tank which is under pressure is rusted and corroded, piping and valves serving pump and tank is rusted and corroded - replace all. [Completed 2021 - Waterline Project]	C	2021U	PLB	\$3,155,625



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
TECHNOLOGY					\$4,637,768
476	Information Technology (I.T.) systems: Provide infrastructure to include racks, cabinets, patch panels, conduit pathways, cables (fiber optic & Cat-5E), data device outlets and power as needed and determined by District's I.T. planned upgrade and/or replacements.	3	PQ	TECH	\$4,637,768
FIRE & LIFE SAFETY					\$4,221,671
414	Upgrade and replace fire alarm system to comply with DSA & NFPA 72. All existing and new strobes shall be synchronized to comply with DSA & NFPA 72 to address autistic students' negative reaction to visual strobes that are not synchronized.	1	PQ	FA	\$1,846,899
416	Provide interior and/or exterior egress emergency lighting. Add new egress lighting fixtures with integrated emergency battery pack and new exit light signs in rooms with two or more exit doors. Replace existing exit light signs with new LED exit lights.	1	PQ	LTG	\$16,830
417	Establish dedicated area for auto and bus drop-off/pick-up. Provide covered waiting area, seating and traffic control as required.	1	PQ	REN	\$420,750
415	Upgrade and replace fire protection (sprinkler) system (none at this time).	4	PQ	FSPR	\$1,937,192
SECURITY					\$5,560,197
465	Provide new lockset and re-key entire facility per new District "Grand Master" keying system.	1	PQ	HDW	\$284,006
467	Upgrade and add standardized surveillance camera to 100% IP system campus-wide. Locations and placement must be comprehensively reviewed.	1	PQ	SCM	\$1,026,055
468	Provide card reader access portals at all public access doors at MPR, Gym, Teachers' Workroom and Library.	1	PQ	SCR	\$70,125
469	Provide card reader access portals at all remaining exterior doors (including classrooms).	1	PQ	SCR	\$385,688
474	Limited exterior building and walkway lighting for egress, safety and security cameras. All exterior lighting controls through one or multiple astronomic time clocks, no photocell. Recommend add new lighting fixtures and replacing existing lighting.	1	PQ	SL	\$5,610
475	Parking lot lighting limited for egress, safety and security. All exterior lighting control through one or multiple astronomic time clocks, no photocell. Add new pole mounted energy efficient LED lighting fixtures to include motion sensors.	1	PQ	SL	\$920,391

GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
470	Provide ornamental fencing at front of campus for access control and way-finding.	2	PQ	SF	\$270,122
471	Provide security fence at baseball and softball fields.	3	PQ	SF	\$198,103
472	Provide fencing around remaining campus for access control.	3	PQ	SF	\$594,309
466	Upgrade and replace existing PA/intercom and communication system. [Completed 2021]	C	2021U	PA	\$274,346
464	Upgrade and replace existing clock and bell system campus-wide. [Completed 2021]	C	2021U	CLK	\$256,057
473	Upgrade and replace intrusion alarm system campus-wide.	3	PQ	SIA	\$1,275,386
ATHLETICS/ACTIVITIES					\$23,261,175
348	Replace football field at Stadium complex (future lifecycle field turf replacement).	2	PQ	AF	\$1,050,473
350	Construct new Baseball and Softball field complex with Tifway-419 natural turf fields, field sub-drainage, head-to-head irrigation coverage, NFHS standard outfield and foul territory distances with 8' tall field fencing, 40' and 50' backstop netting system.	3	PQ	AF	\$7,527,919
352	Repair football Stadium seating.	3	PQ	BLC	\$316,965
353	Provide irrigation system at baseball and softball fields.	3	PQ	IRR	\$396,206
358	GRANT HS TURF REPLACEMENT (004-15-920), 14-15FY	C	2017U	AF14-15	\$11,568
359	GRANT HS TURF REPLACEMENT (004-15-920), 15-16FY	C	2017U	AF15-16	\$680,966
356	Modernize existing Field House; refurbish/replace all existing lockers and install lockers in all team rooms.	3	PQ	REN	\$2,218,755
357	Upgrade sports lighting.	3	PQ	SL	\$554,689
346	Replace Stadium Press Box.	4	PQ	ADD	\$304,097
347	Resurface (8) existing tennis courts per District standard (life cycle).	4	PQ	AE	\$105,917
355	Re-line pool (life cycle).	4	PQ	POOL	\$173,770
362	GRANT HS POOL (044-15-920), 14-15FY	C	2017U	POOL14-15	\$383,407
363	GRANT HS POOL (044-15-920), 15-16FY	C	2017U	POOL15-16	\$2,302,342
360	GRANT HS SCOREBOARD (061-16-920)	C	2017U	MEQ15-16	\$24,903
361	GRANT HS BLEACHERS/SUNSHADE (141-18-920) [Completed 2019]	C	2019U	MEQ18	\$190,017
364	GRANT HS POOL (044-15-920)	C	2017U	POOL16-17	\$3,859,767
365	GRANT HS FIELD SIGNAGE (165-18-920) [Completed 2018]	C	2019U	SGNM18	\$18,320



GRANT UNION HIGH SCHOOL (MAIN CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
366	GRANT HS TENNIS COURT IMPROVEMENTS (007-14-920)	C	2017U	TC14-15	\$476,345
349	Construct a synthetic practice Soccer/Football field (230 x 400 ft. including grading and drainage).	IP	2021U	AF	\$2,103,750
351	Replace existing track and field events per District standard; (scheduled lifecycle replacement of track surface); (8) lane.	IP	2021U	AT	\$561,000
NUTRITION SERVICES					\$5,168,479
440	Construct new (6,000 sf) Kitchen addition. Include all new finishes (flooring, paint, ceiling, etc.), new kitchen equipment, etc.	3	PQ	ADD14-15	\$2,712,000
438	Provide new Kitchen equipment (allowance).	3	PQ	MEQ	\$554,689
439	Modernize existing Kitchen. Include all new finishes (flooring, paint, ceiling, etc.), new kitchen equipment, etc.	3	PQ	REN	\$1,901,790
OTHER					-\$37,327
441	GRANT HS QUAD DROPS (131-16-920)	C	2021U	OTH15-16	-\$2,500
442	GRANT HS PROMENADE (001-13-920)	C	2017U	OTH16-17	\$20,236
443	GRANT HS QUAD DROPS (131-16-920)	C	2021U	OTH16-17	-\$48,994
444	GRANT HS FITNESS CENTER PHASE II (016-12-920)	IP	2017U	OTH16-17	-\$6,069

PRIORITY CODE	PRIORITY DESCRIPTION	TOTAL
1	Must Do: Legal, Safety Reasons of Critical Replacements (Life Expectancy 1-5 years)	\$11,754,243
2	Should Do: Curricular, Instructional, Program Need (Life Expectancy 6-15 years)	\$18,416,284
3	Would Like To Do: Curricular, Instructional, Program Enhancement (Life Expectancy 16-20 years)	\$121,257,045
4	Future Consideration (Life Expectancy 21-25 years)	\$29,256,279
IP	In Progress Scope of Work (Life Expectancy 0 years)	\$4,362,969
C	Complete Scope of Work (Life Expectancy 0 years)	\$24,163,807
		\$209,210,626

This page intentionally left blank.



GRANT UNION HIGH SCHOOL (WEST CAMPUS)



1221 SOUTH AVENUE
SACRAMENTO, CALIFORNIA 95838

ORIGINAL BUILDING COMPLETED: 1953
BUILDING AREA: 83,473 SF
SITE ACREAGE: 56.29
BUILDING CAPACITY:
CURRENT ENROLLMENT: 1,989
ENROLLMENT AS OF: 07/2019

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

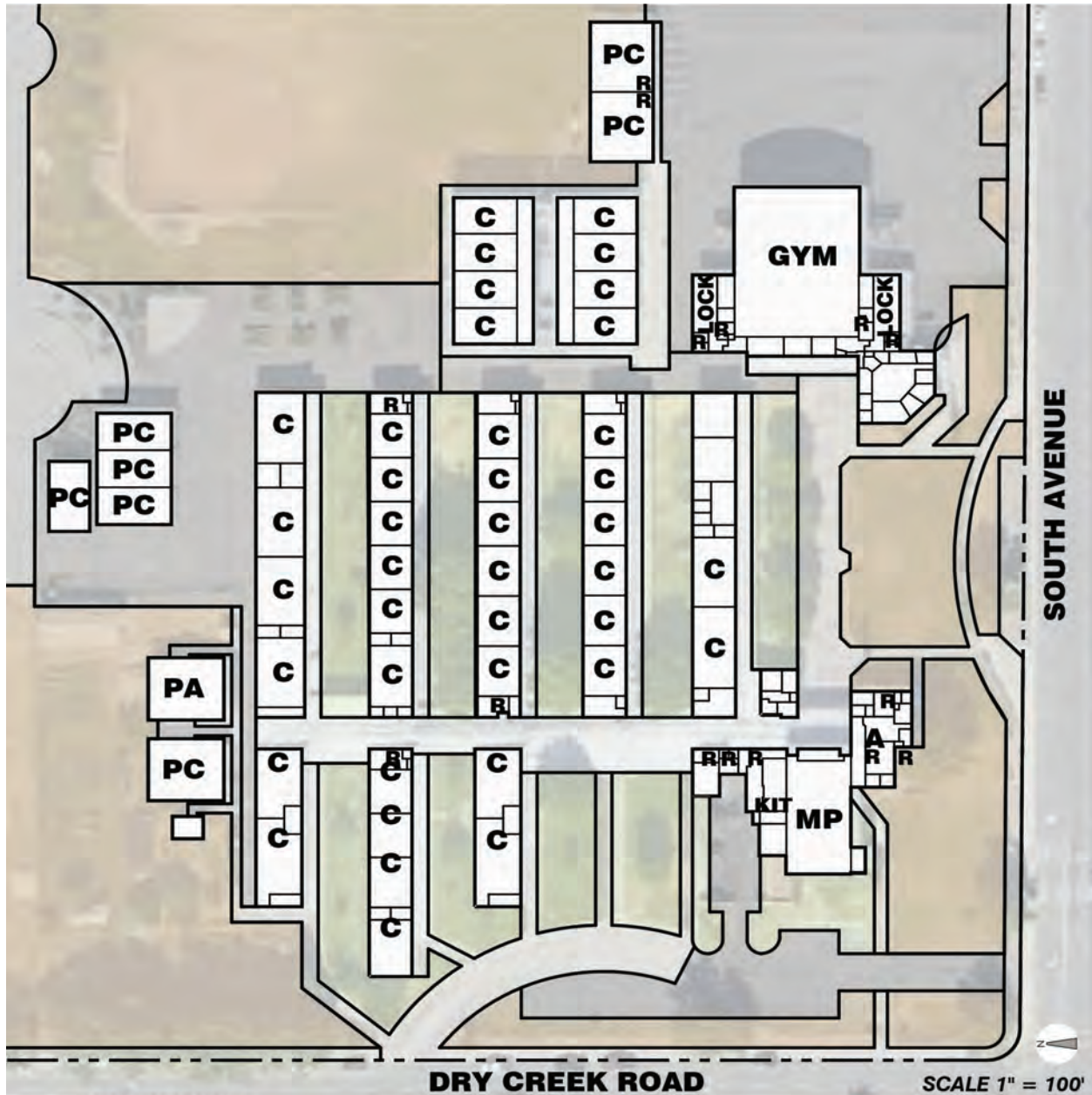
Aerial Image





GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Existing Site Plan



ABBREVIATIONS:

- A** ADMINISTRATION
- C** CLASSROOM
- K** KINDERGARTEN
- KIT** KITCHEN
- MP** MULTI-PURPOSE
- L** LIBRARY
- PA** PORTABLE ADMINISTRATION
- PC** PORTABLE CLASSROOM
- PR** PORTABLE RESTROOM
- R** RESTROOM

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Site Plan



SCOPE
EXISTING BLDG. - NO WORK
MODERNIZATION
BUILDING EXPANSION
NEW BUILDINGS

PRIORITY KEYNOTES			
P1	1-5 YEARS	\$1,239,484.24	
P2	6-15 YEARS	\$3,188,470.73	
P3	16-20 YEARS	\$56,204,899.14	
P4	21-25 YEARS	\$22,800,667.24	
TOTAL COST		\$83,433,521.34	

COST ARE SHOWN IN 2016 DOLLARS

ABBREVIATIONS:	
A	ADMINISTRATION
C	CLASSROOM
K	KINDERGARTEN
KIT	KITCHEN
MP	MULTI-PURPOSE
L	LIBRARY
PA	PORTABLE ADMINISTRATI
PC	PORTABLE CLASSROOM
PR	PORTABLE RESTROOM
R	RESTROOM

Note:

Original 2015 plan was not revised as a part of the 2019 updates.



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Facility Totals

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

Priority	Total Cost
Priority 1	\$6,667,817
Priority 2	\$7,498,310
Priority 3	\$75,225,081
Priority 4	\$32,905,013
Priority IP	\$0
Priority C	\$1,022,417
Total	\$123,318,639

Discipline	Priority 1	Priority 2	Priority 3	Priority 4	Priority IP	Priority C	Total Cost
Civil	\$63,814	\$37,517	\$641,854	\$0	\$0	\$0	\$743,185
Building Envelope	\$3,593,016	\$52,524	\$3,962,063	\$0	\$0	\$0	\$7,607,602
Architectural	\$71,878	\$2,416,087	\$58,588,999	\$31,799,864	\$0	\$0	\$92,876,828
Mechanical	\$0	\$4,798,408	\$118,862	\$0	\$0	\$616,914	\$5,534,184
Electrical	\$0	\$108,236	\$2,385,095	\$0	\$0	\$0	\$2,493,331
Plumbing	\$66,619	\$85,538	\$35,500	\$0	\$0	\$0	\$187,657
Technology	\$0	\$0	\$1,322,901	\$0	\$0	\$0	\$1,322,901
Fire & Life Safety	\$1,350,968	\$0	\$0	\$1,105,149	\$0	\$0	\$2,456,117
Security	\$1,521,523	\$0	\$1,321,382	\$0	\$0	\$381,889	\$3,224,794
Athletics/Activities	\$0	\$0	\$713,171	\$0	\$0	\$0	\$713,171
Nutrition Services	\$0	\$0	\$6,135,254	\$0	\$0	\$0	\$6,135,254
Other	\$0	\$0	\$0	\$0	\$0	\$23,614	\$23,614
Discipline Totals	\$6,667,817	\$7,498,310	\$75,225,081	\$32,905,013	\$0	\$1,022,417	\$123,318,639

P1 Total	\$6,667,817
P1 + P2 Total	\$14,166,128
P1 + P2 + P3 Total	\$89,391,208
P1 + P2 + P3 + P4 Total	\$122,296,222
In Progress (IP) Total	\$0
Complete (C) Total	\$1,022,417
IP + C Totals	\$1,022,417

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
CIVIL					\$4,931,883
376	Provide new campus marquee appropriately located near front of campus.	1	PQ	SGN	\$65,216
382	Grant HS Paving Phase II: Repair and improvements to front staff and student parking lots.	1	2017U	SPM16-17	\$1,600,000
373	Provide new drought tolerant landscaping and irrigation with controls (allowance).	2	PQ	IRR	\$450,203
372	Replace existing and add freestanding canopies between buildings.	3	PQ	CNPY	\$475,448
374	Provide enclosures for existing dumpsters; (6) or more dumpsters scattered around school not within enclosures.	3	PQ	OTH	\$95,090
375	Add or modify existing outdoor amphitheater to serve as an outdoor learning space. Provide adequate shade and seating area for entire student body and provide multiple outdoor learning spaces. Each space to accommodate 80 students each for collaborative learning (assuming two classes of 40 students each for collaborative learning). Outdoor learning environments will be wireless capable to support outdoor instructional programs. The design of the outdoor learning spaces are to support project based learning (i.e. sundials, gardens, etc.).	3	PQ	REN	\$475,448
381	GRANT HS PAVING PHASE 1 (130-16-920): PBK Line Item: Provide miscellaneous parking, bus loop, and museum lot and play area paving repairs/replacement and re-stripe to ensure proper ADA parking spaces and accessible route. Completed 2016	C	2017U	SPM15-16	\$718,030
383	GRANT HS PAVING PHASE 1 (130-16-920) - PBK Line Item: Bus zone/staff parking lot. [Completed 2017]	C	2017U	SPM16-17	\$1,028,824
384	GRANT HS CONCRETE REPLACEMENT (045-19-920) [Completed 2019]	C	2019U	SPM19	\$23,626
BUILDING ENVELOPE					\$9,752,820
369	Replace old exterior classroom windows with new energy efficient glazing and frames. NOTE: Maintain historical quality.	2	PQ	WDW	\$2,251,013
367	Replace existing roof per District standard.	3	PQ	RFR	\$6,989,078
370	GRANT HS ROOFING (015-15-920)	C	2021U	RFM14-15	\$444,510



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
371	GRANT HS ROOFING (015-15-920) - PBK Line Item: Provide miscellaneous roof maintenance and repair as proposed by 2016 Roof Assessment Report.	C	2017U	RFM15-16	\$68,219
ARCHITECTURE					
306	Replace bleachers in Main Gym.	1	PQ	BLC	\$525,938
311	Provide new room graphics and way-finding signage per ADA requirements.	1	PQ	GRP	\$85,903
319	Modernize second floor building "A" - Library and (3) Science Lab/classrooms. Include all new finishes (flooring, paint, ceiling, etc.), new doors and hardware, etc. NOTE: Address historical preservation requirements.	1	PQ	REN	\$3,155,625
312	Provide "super" graphics paint package (include wall mural at MPR and floor logo).	2	PQ	GRP	\$75,034
320	Modernize "S" CTE Building.	2	PQ	REN	\$4,201,890
321	Modernize existing Administration (6,500 sf). Include new finishes (floors, walls, ceiling), casework, new windows, etc. Provide secure sense of entry. Note: Address historical preservation requirements.	2	PQ	REN	\$2,438,597
322	Modernize Cafeteria/MPR (6,000 sf). Include all new finishes (flooring, paint, hard-surface wall treatment, ceiling, etc.), acoustical treatment, stage, window replacement, etc.	2	PQ	REN	\$2,251,013
323	Modernize Boys' and Girls' student restrooms (5 set). Include all new finishes (ceiling, walls, flooring, etc.), fixtures, partitions to ensure ADA accessibility.	2	PQ	REN	\$1,181,782
324	Modernize staff restrooms (4 set). Include all new finishes (ceiling, walls, flooring, etc.), fixtures, partitions to ensure ADA accessibility.	2	PQ	REN	\$236,356
338	Re-seal all building expansion/control joints and install heavy duty protective joint cover system (students are picking at sealant joints throughout building).	2	PQ	WRI	\$30,014
289	Provide better acoustical treatment at Main Gym.	3	PQ	ACO	\$95,090
290	Construct new (2,300 sf) Auxiliary Gym addition. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$1,530,941
291	Expand existing Auxiliary Boys' and Girls' PE Locker Rooms. Include additional athletic Locker Rooms, showers, storage, etc.	3	PQ	ADD	\$2,795,631

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
292	Construct new (20,000f) Band/Orchestra/Choir Building. Existing is not located in traditional type spaces - repurpose existing spaces.	3	PQ	ADD	\$13,312,530
293	Expand existing Main Gym. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$11,648,464
294	Construct new (4,000 sf) addition to existing Administration area to create secure, dedicated front entry and functional administration area. (Current area is very small and spread throughout campus.) Note: Maintain historical quality/compatibility.	3	PQ	ADD	\$2,662,506
295	Construct new (8,000 sf) addition to existing MPR including new stage to accommodate new VAPA/music room requirements.	3	PQ	ADD	\$5,325,012
296	Construct new Wrestling room in close proximity to Main Gym.	3	PQ	ADD	\$1,497,660
297	Expand existing Boys' and Girls' Locker Rooms at Main Gym. Include additional athletic Locker Rooms, showers, storage, etc.	3	PQ	ADD	\$1,131,565
298	Construct new Auditorium/Theater per new District Program standards.	3	PQ	ADD	\$13,312,530
308	Provide window coverings at all classrooms.	3	FRP	BLD	\$198,103
309	Remove and replace educational/classroom casework throughout campus. Provide ADA accessible sink locations.	3	PQ	CWK	\$1,584,825
310	Remove and replace all exterior doors and frames.	3	PQ	DR	\$713,171
313	Remove and replace marker board/tack board in all classrooms.	3	PQ	MBTB	\$2,377,238
314	Provide motorized basketball backboards in Gymnasium.	3	PQ	MEQ	\$31,697
317	Paint previously painted interior surfaces.	3	PQ	PTG	\$348,662
318	Paint previously painted exterior surfaces (life cycle).	3	PQ	PTG	\$594,309
325	Modernize "G" Building.	3	PQ	REN	\$3,169,650
326	Modernize Recording Studio area behind Stage.	3	PQ	REN	\$2,773,444



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
327	Modernize Main Boys' and Girls' Athletic Locker Rooms. Provide new finishes, lockers, etc.	3	PQ	REN	\$1,981,031
328	Modernize existing Main Gym. Provide new finishes, wood floor resurface and re-striping, trackable goals, etc.	3	PQ	REN	\$5,229,923
329	Modernize Auxiliary Boys' and Girls' PE Locker Rooms. Provide new finishes, lockers, etc.	3	PQ	REN	\$2,535,720
330	Modernize Auxiliary Gym. Provide new finishes, wood floor resurface and re-striping, trackable goals, etc.	3	PQ	REN	\$5,705,370
331	Modernize Weight Room/Fitness Center Building.	3	PQ	REN	\$2,179,134
332	Modernize all (8) portable buildings. Include new flooring, paint, misc. exterior roofing and siding repairs, etc. Provide secondary emergency means of egress.	3	PQ	REN	\$316,965
333	Modernize Museum Building.	3	FRP	REN	\$594,309
344	GRANT HS MOD (MISSION POSSIBLE) (024-17-920) [Completed 2021]	C	2021U	REN16-17	\$832,700
343	GRANT HS OFFICE/KITCHEN MOD (167-16-920), 15-16FY	C	2017+19U	REN15-16	\$723,703
337	I.T. MDF & IDF: Provide dedicated locked "Data" room to include dedicated HVAC conditioned for I.T. server and equipment.	3	PQ	TECH	\$39,621
299	Construct new Concession and Restroom building at Stadium.	4	PQ	ADD	\$1,737,698
300	Construct new (8) classroom addition to replace all portable classrooms.	4	PQ	ADD	\$6,255,711
301	Construct new Black Box Theater addition (include control room, dressing rooms, scene shop, storage, etc.). (See Principal Interview).	4	PQ	ADD	\$8,688,488
302	Provide additional athletic storage space at Stadium complex and Field House.	4	PQ	ADD	\$695,079
303	Construct new S.T.E.A.M. Center building (7,500sf).	4	PQ	ADD	\$5,421,616
304	Construct Commercial Culinary Arts Lab and Classroom.	4	PQ	ADD	\$3,475,395
305	Incorporate VAPA room at stage or in portable.	4	PQ	ADD	\$130,327
339	GRANT HS FLOORING REPLACEMENT ROOMS W55, W66, lounge, registrar, admin (011-15-920)	C	2017U	FLR14-15	\$26,964

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
340	GRANT HS GREENHOUSE (117-17-920) [Completed 2019]	C	2017+19U	OTH16-17	\$307,620
315	Modernize existing pool building. [Completed 2017]	C	2017U	POOL	\$1,788,188
341	GRANT HS EXTERIOR PAINTING (019-14-920) - PBK Line Item: Paint previously painted exterior surfaces. (2014 Painting Project)	C	2017U	PTG14-15	\$343,410
342	GRANT HS AUDITORIUM REMODEL (024-16-920) - PBK Line Item: Modernize Auditorium and Stage: Include new finishes, stage lighting, sound system, control booth upgrade, etc. NOTE: Maintain historical quality. Expand to meet District Ed. Program requirements. Completed 2017	C	2017U	REN15-16	\$749,720
MECHANICAL					\$12,420,506
422	Provide ground mount packaged equipment and new ductwork for Fitness Center which has no HVAC. [Completed 2021 - Mission Possible]	C	2021U	HVAC	\$105,188
418	Remove abandoned Admin building radiators.	1	PQ	HVAC	\$3,857
419	Cable studio is served by Carrier heat pumps installed in 1985 which are broken due to cracked heat exchangers. Replace with new packaged equipment.	1	PQ	HVAC	\$175,313
421	Auditorium and stage have minimal heating only and no air conditioning. Replace equipment to provide air conditioning and adequate heating.	1	PQ	HVAC	\$1,051,875
423	Remove boiler plant asbestos.	1	PQ	HVAC	\$25,946
424	Remove abandoned boiler plant, piping and related equipment.	1	PQ	HVAC	\$31,346
420	Replace outdated science classroom fume hood and exhaust stack with code compliant system. [Completed 2021 - Mission Possible]	C	2021U	HVAC	\$16,830
426	Rooms B2, B4 and B6 are served by Trane split systems installed in 2003. Replace after 15 year expected lifespan.	2	PQ	HVAC	\$281,377
425	Bldg. S is served by Reznor unit heaters installed in 1997 which are broken. Replace with packaged rooftop equipment. [Completed 2021 - Mission Possible]	C	2021U	HVAC	\$294,525
427	Building C, E, Kitchen, and Cafeteria are served by Trane packaged equipment installed in 2003. Replace after 15 year expected lifespan.	2	PQ	HVAC	\$2,907,558



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
428	Admin building, Main Gym Locker Rooms, and Building G have Trane equipment installed in 2014. Replace units after 15 year expected lifespan.	3	PQ	HVAC	\$633,930
429	Rooms B8, B12, B14, Annex Gymnasium and Main Gymnasium have Trane packaged equipment installed in 2012. Replace after 15 year expected lifespan.	3	PQ	HVAC	\$47,545
430	Bldg. D has Trane packaged equipment installed in 2014. Replace after 15 year expected lifespan.	3	PQ	HVAC	\$126,786
431	Portable buildings have Marv-Aire exterior wall mounted equipment installed in 2001. Replace units which require continual maintenance are at their expected lifespan.	3	PQ	HVAC	\$63,393
432	Admin building ventilation has been provided by packaged units which are not meant to run at 100% outside air as they are. Replace units with equipment designed to operate under these conditions.	3	PQ	HVAC	\$147,389
433	Replace Trane controls with District preferred controls.	3	PQ	HVAC	\$277,344
434	Replace local thermostat controls at snack bar buildings with controls tied into District energy management system.	3	PQ	HVAC	\$7,924
436	GRANT HS HVAC PHASE 2 (020-14-920)	C	2017U	HVAC14-15	\$3,482,758
809	GRANT HS ADMIN HVAC REPLACEMENT [Completed 2021]	IP	2021U	HVAC19	\$1,353,663
437	GRANT HS HVAC PHASE 1 (043-11-920)	C	2017U	HVAC16-17	\$1,385,962
ELECTRICAL					\$6,261,718
386	Panel in classroom existing original 1935 panelboard is obsolete no parts available. District maintenance staff don't know how to turn circuit off/on. Three unknown circuits remained connected. Recommend: move the three circuits and reconnect to a more current panelboard. Abandon the obsolete panelboard or move it to District's historic archive.	1	PQ	ED	\$21,038
400	Multi-Purpose Room lighting in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	2	PQ	LTG	\$262,618

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
389	Campus administration general and computer use receptacles/outlets: Add power outlets and circuits in conjunction with the architectural additions and minor remodel.	3	PQ	ELE	\$97,334
390	Replace existing exposed broken EMT conduits and associate fittings on roof.	3	PQ	ELE	\$114,107
391	All classrooms in conjunction with addition/minor remodel: Add more power receptacles and circuits.	3	PQ	ELE	\$638,938
392	Kitchen in conjunction with addition/remodel: Add more power outlets and circuits for Kitchen equipment and appliances. New additional panel is required. Recommend adding new receptacle outlets and circuits.	3	PQ	ELE	\$25,357
393	S-Wing (Shop/CTE area): Add power outlets and circuits in conjunction with the architectural remodel.	3	PQ	ELE	\$125,366
394	Computer Lab Room: Add power outlets and circuits for computers equipment. Existing power strips "daisy chained" in violation of electrical code and fire department regulations.	3	PQ	ELE	\$19,018
395	Add power outlets and circuits in the field house in conjunction with major remodel.	3	PQ	ELE	\$25,357
396	Band/Orchestra/Choir: Add power outlets and circuits.	3	PQ	ELE	\$32,292
397	Vocational Office Bldg.-G: Add power outlets and circuits in conjunction with the architectural remodel.	3	PQ	ELE	\$50,714
401	Administration: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$206,027
402	Campus-wide has no existing building master lighting control system in place. All local manual switching with no occupancy sensors to auto shut off of lighting when room is not occupy, exception only in the Library room. No day light sensor in place. Recommend adding new occupancy sensors in all rooms; ceiling mounted type in large rooms, wall mounted type in small offices and/or rooms.	3	PQ	LTG	\$25,357



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
403	All classrooms lighting fixtures in conjunction with addition/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system to comply with Title 24 lighting compliance with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$1,597,345
404	Gymnasium lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$796,850
405	Kitchen in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$63,393
406	Band/Orchestra/Choir: Lighting & Control: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$285,269
407	S-Wing (Shop/CTE area): lighting and controls: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$313,415
408	Weight Room lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$162,793
409	Gymnasium Locker Rooms lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$131,128

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
410	Field House lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system in conjunction with major remodel.	3	PQ	LTG	\$63,393
411	Vacation Office Bldg.-G lighting and controls: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural additions and remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$126,786
412	The campus original outdoor main switchboard west of the swimming pool is old and obsolete replacement parts no longer available or very hard to find. Recommend: Replace the switchboard with a new switchboard.	3	PQ	POOL	\$396,206
388	Upgrade/replace emergency generator and automatic transfer switch.	4	PQ	EG	\$330,990
385	The outdoor main electrical service switchgear located outside the original Shop building (now classrooms) is old & obsolete. Electrical feeder wires are exposed. All disconnect switches are old, rusted and obsolete. One of the 3 fuses in the main service disconnect switch "blew up" in half, The District maintenance replaced only the one broken fuse. After replacing the fuse, the crew unable to pull main service disconnect handle to turn on power. They had to use a 2x4 wood block and applied extreme manpower force to the handle turn on the electrical service. A second critical issue is SMUD pole with their pole mounted transformer providing overhead electrical service is leaning with the potential of falling to the ground. The existing main switchgear and it's existing condition is hazardous and life threatening. The condition is non compliance with electrical code, NFPA 70, OSHA. Recommend: Completely replace with new outdoor pad mounted main switchboard to include new SMUD underground primary and secondary electrical service to the new Main Switchboard.	IP	2021U	ED	\$350,625
PLUMBING					\$3,987,867
462	GRANT HS WATER LINE (135-16-920), 15-16FY	C	2017U	OTH15-16	\$161,296
463	GRANT HS WATER LINE (135-16-920), 16-17FY	C	2017U	OTH16-17	\$59,330



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
448	Kitchen food prep sink drains directly to sanitary sewer and has no garbage disposer - drain indirectly to approved receptacle and provide garbage disposer.	1	PQ	MEQ	\$8,415
449	There is no seismic shut-off at all three gas meters serving campus - Provide seismic valve.	1	PQ	PLB	\$3,576
450	Water backflow device serving east side of campus is old and severely rusted and leaking - replace.	1	PQ	PLB	\$9,818
458	Replace Kitchen water heater: Provide expansion tank, seismic straps and dirtleg, discharge T&P to approved receptacle, provide code compliant plumbing serving all connections.	1	PQ	WTRH	\$14,025
445	Drinking fountain at student activities, Auditorium entrance, cable studio and throughout main building halls are not ADA compliant - provide accessible fountains and entrances.	2	PQ	EDF	\$337,652
446	Student Restrooms at front entrance, Locker Rooms, Bldg. G, Auditorium, Bldg. S, Student Activities Center are not ADA compliant. Provide accessible Boys' urinals throughout.	2	PQ	FXT	\$135,061
447	Staff Restrooms at Kitchen, entrance Admin., Cable Studio, Bldg. G, Gym and S2 are not ADA compliant. Provide ADA accessible restrooms. (Mens' have floor urinals throughout).	2	PQ	FXT	\$33,315
451	Fixtures at staff Restroom at hall serving front Administration Is not ADA - provide ADA compliant fixtures.	2	PQ	PLB	\$22,210
453	Custodial sinks throughout campus are old - replace.	3	PQ	PLB	\$47,545
452	Campus potable and irrigation water is supplied by well. Pump, tank and valves are old. Pump is severely corroded, storage tank which is under pressure is rusted and corroded, piping and valves serving pump and tank is rusted and corroded - replace all. [Completed 2021 - Waterline Project]	C	2021U	PLB	\$3,155,625
TECHNOLOGY					\$4,637,768
476	Information Technology (I.T.) systems: Provide infrastructure to include racks, cabinets, patch panels, conduit pathways, cables (fiber optic & Cat-5E), data device outlets and power as needed and determined by District's I.T. planned upgrade and/or replacements.	3	PQ	TECH	\$4,637,768

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
FIRE & LIFE SAFETY					\$4,221,671
414	Upgrade and replace fire alarm system to comply with DSA & NFPA 72. All existing and new strobes shall be synchronized to comply with DSA & NFPA 72 to address autistic students' negative reaction to visual strobes that are not synchronized.	1	PQ	FA	\$1,846,899
416	Provide interior and/or exterior egress emergency lighting. Add new egress lighting fixtures with integrated emergency battery pack and new exit light signs in rooms with two or more exit doors. Replace existing exit light signs with new LED exit lights.	1	PQ	LTG	\$16,830
417	Establish dedicated area for auto and bus drop-off/pick-up. Provide covered waiting area, seating and traffic control as required.	1	PQ	REN	\$420,750
415	Upgrade and replace fire protection (sprinkler) system (none at this time).	4	PQ	FSPR	\$1,937,192
SECURITY					\$5,560,197
465	Provide new lockset and re-key entire facility per new District "Grand Master" keying system.	1	PQ	HDW	\$284,006
467	Upgrade and add standardized surveillance camera to 100% IP system campus-wide. Locations and placement must be comprehensively reviewed.	1	PQ	SCM	\$1,026,055
468	Provide card reader access portals at all public access doors at MPR, Gym, Teachers' Workroom and Library.	1	PQ	SCR	\$70,125
469	Provide card reader access portals at all remaining exterior doors (including classrooms).	1	PQ	SCR	\$385,688
474	Limited exterior building and walkway lighting for egress, safety and security cameras. All exterior lighting controls through one or multiple astronomic time clocks, no photocell. Recommend add new lighting fixtures and replacing existing lighting.	1	PQ	SL	\$5,610
475	Parking lot lighting limited for egress, safety and security. All exterior lighting control through one or multiple astronomic time clocks, no photocell. Add new pole mounted energy efficient LED lighting fixtures to include motion sensors.	1	PQ	SL	\$920,391
470	Provide ornamental fencing at front of campus for access control and way-finding.	2	PQ	SF	\$270,122
471	Provide security fence at baseball and softball fields.	3	PQ	SF	\$198,103
472	Provide fencing around remaining campus for access control.	3	PQ	SF	\$594,309



GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
466	Upgrade and replace existing PA/intercom and communication system. [Completed 2021]	C	2021U	PA	\$274,346
464	Upgrade and replace existing clock and bell system campus-wide. [Completed 2021]	C	2021U	CLK	\$256,057
473	Upgrade and replace intrusion alarm system campus-wide.	3	PQ	SIA	\$1,275,386
ATHLETICS/ACTIVITIES					\$23,261,175
348	Replace football field at Stadium complex (future lifecycle field turf replacement).	2	PQ	AF	\$1,050,473
350	Construct new Baseball and Softball field complex with Tifway-419 natural turf fields, field sub-drainage, head-to-head irrigation coverage, NFHS standard outfield and foul territory distances with 8' tall field fencing, 40' and 50' backstop netting system.	3	PQ	AF	\$7,527,919
352	Repair football Stadium seating.	3	PQ	BLC	\$316,965
353	Provide irrigation system at baseball and softball fields.	3	PQ	IRR	\$396,206
358	GRANT HS TURF REPLACEMENT (004-15-920), 14-15FY	C	2017U	AF14-15	\$11,568
359	GRANT HS TURF REPLACEMENT (004-15-920), 15-16FY	C	2017U	AF15-16	\$680,966
356	Modernize existing Field House; refurbish/replace all existing lockers and install lockers in all team rooms.	3	PQ	REN	\$2,218,755
357	Upgrade sports lighting.	3	PQ	SL	\$554,689
346	Replace Stadium Press Box.	4	PQ	ADD	\$304,097
347	Resurface (8) existing tennis courts per District standard (life cycle).	4	PQ	AE	\$105,917
355	Re-line pool (life cycle).	4	PQ	POOL	\$173,770
362	GRANT HS POOL (044-15-920), 14-15FY	C	2017U	POOL14-15	\$383,407
363	GRANT HS POOL (044-15-920), 15-16FY	C	2017U	POOL15-16	\$2,302,342
360	GRANT HS SCOREBOARD (061-16-920)	C	2017U	MEQ15-16	\$24,903
361	GRANT HS BLEACHERS/SUNSHADE (141-18-920) [Completed 2019]	C	2019U	MEQ18	\$190,017
364	GRANT HS POOL (044-15-920)	C	2017U	POOL16-17	\$3,859,767
365	GRANT HS FIELD SIGNAGE (165-18-920) [Completed 2018]	C	2019U	SGNM18	\$18,320
366	GRANT HS TENNIS COURT IMPROVEMENTS (007-14-920)	C	2017U	TC14-15	\$476,345

GRANT UNION HIGH SCHOOL (WEST CAMPUS)

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
349	Construct a synthetic practice Soccer/Football field (230 x 400 ft. including grading and drainage).	IP	2021U	AF	\$2,103,750
351	Replace existing track and field events per District standard; (scheduled lifecycle replacement of track surface); (8) lane.	IP	2021U	AT	\$561,000
NUTRITION SERVICES					\$5,168,479
440	Construct new (6,000 sf) Kitchen addition. Include all new finishes (flooring, paint, ceiling, etc.), new kitchen equipment, etc.	3	PQ	ADD14-15	\$2,712,000
438	Provide new Kitchen equipment (allowance).	3	PQ	MEQ	\$554,689
439	Modernize existing Kitchen. Include all new finishes (flooring, paint, ceiling, etc.), new kitchen equipment, etc.	3	PQ	REN	\$1,901,790
OTHER					-\$37,327
441	GRANT HS QUAD DROPS (131-16-920)	C	2021U	OTH15-16	-\$2,500
442	GRANT HS PROMENADE (001-13-920)	C	2017U	OTH16-17	\$20,236
443	GRANT HS QUAD DROPS (131-16-920)	C	2021U	OTH16-17	-\$48,994
444	GRANT HS FITNESS CENTER PHASE II (016-12-920)	IP	2017U	OTH16-17	-\$6,069

PRIORITY CODE	PRIORITY DESCRIPTION	TOTAL
1	Must Do: Legal, Safety Reasons of Critical Replacements (Life Expectancy 1-5 years)	\$11,754,243
2	Should Do: Curricular, Instructional, Program Need - (Life Expectancy 6-15 years)	\$18,416,284
3	Would Like To Do: Curricular, Instructional, Program Enhancement (Life Expectancy 16-20 years)	\$121,257,045
4	Future Consideration (Life Expectancy 21-25 years)	\$29,256,279
IP	In Progress Scope of Work (Life Expectancy 0 years)	\$4,362,969
C	Complete Scope of Work (Life Expectancy 0 years)	\$24,163,807
		\$209,210,626



HIGHLANDS HIGH SCHOOL



6601 GUTHRIE WAY
NORTH HIGHLANDS, CALIFORNIA 95660

ORIGINAL BUILDING COMPLETED: 1958
BUILDING AREA: 146,567 SF
SITE ACREAGE: 60
BUILDING CAPACITY: 1,866
CURRENT ENROLLMENT: 797
ENROLLMENT AS OF: 07/2019

HIGHLANDS HIGH SCHOOL

Aerial Image



SCALE 1" = 200'



HIGHLANDS HIGH SCHOOL

Existing Site Plan



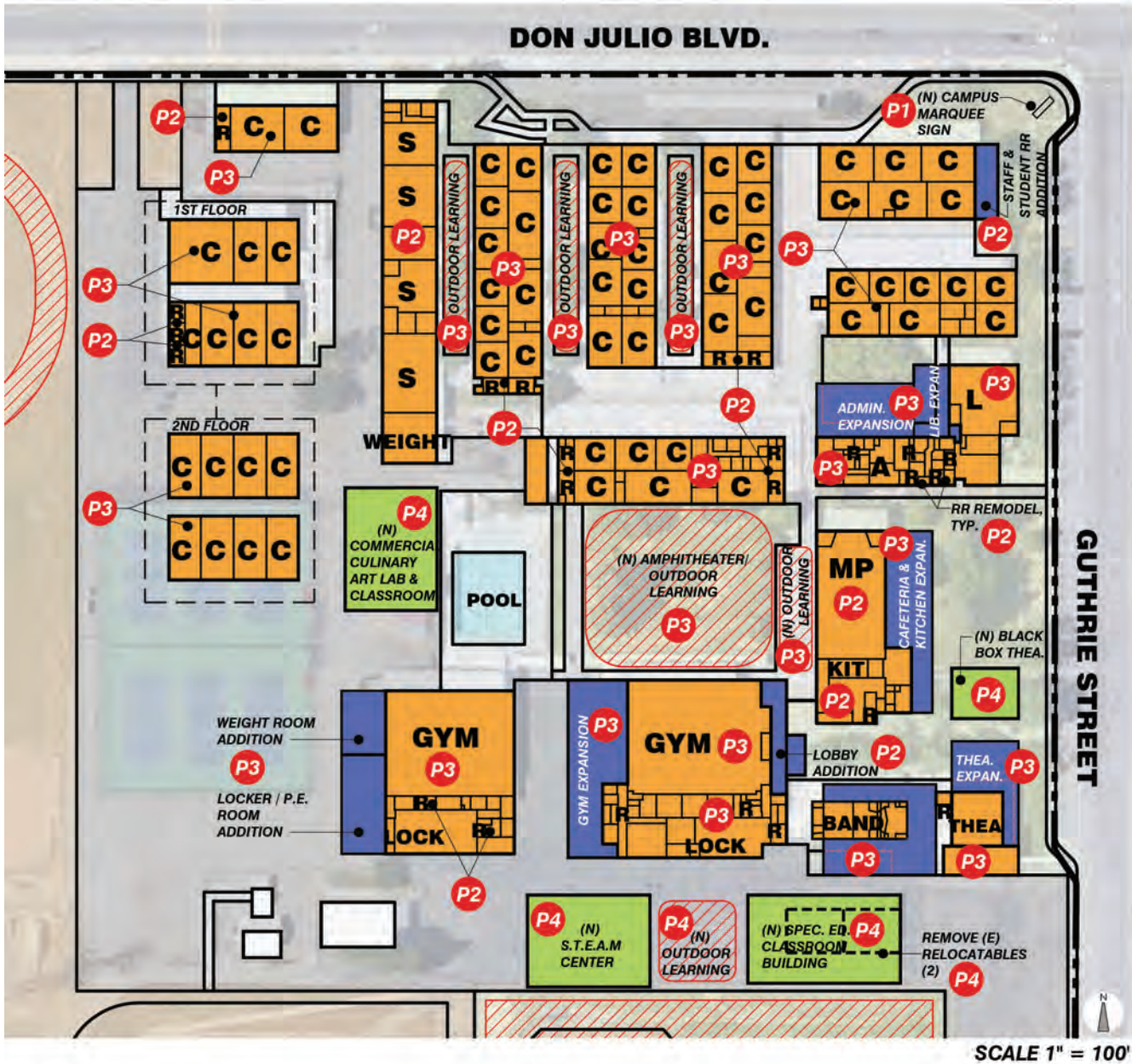
SCALE 1" = 100'

ABBREVIATIONS:

- A ADMINISTRATION
- C CLASSROOM
- MP MULTI-PURPOSE
- L LIBRARY
- PC PORTABLE CLASSROOM
- PR PORTABLE RESTROOM
- R RESTROOM
- S CTE

HIGHLANDS HIGH SCHOOL

Proposed Site Plan



SCOPE
EXISTING BLDG. - NO WORK
MODERNIZATION
BUILDING EXPANSION
NEW BUILDINGS

PRIORITY KEYNOTES			
P1	1-5 YEARS	\$3,661,458.63	
P2	6-15 YEARS	\$8,659,835.36	
P3	16-20 YEARS	\$98,951,891.86	
P4	21-25 YEARS	\$44,833,308.51	
TOTAL COST		\$156,106,494.35	

ABBREVIATIONS:	
A	ADMINISTRATION
C	CLASSROOM
MP	MULTI-PURPOSE
L	LIBRARY
PC	PORTABLE CLASSROOM
PR	PORTABLE RESTROOM
R	RESTROOM
S	CTE

Note:

Original 2015 plan was not revised as a part of the 2019 updates.

COST ARE SHOWN IN 2016 DOLLARS



HIGHLANDS HIGH SCHOOL

Facility Totals

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

Priority	Total Cost
Priority 1	\$9,658,407
Priority 2	\$14,029,811
Priority 3	\$116,349,754
Priority 4	\$63,185,223
Priority IP	\$8,800,688
Priority C	\$9,810,865
Total	\$221,834,747

Discipline	Priority 1	Priority 2	Priority 3	Priority 4	Priority IP	Priority C	Total Cost
Civil	\$596,203	\$3,076,384	\$752,792	\$0	\$0	\$110,188	\$4,535,566
Building Envelope	\$0	\$67,530	\$2,773,444	\$0	\$0	\$3,421,159	\$6,262,133
Architectural	\$113,077	\$8,666,398	\$93,707,216	\$45,423,413	\$0	\$1,442,720	\$149,352,823
Mechanical	\$0	\$1,999,499	\$950,895	\$3,748,462	\$0	\$1,817,578	\$8,516,434
Electrical	\$0	\$175,429	\$3,553,918	\$372,364	\$0	\$0	\$4,101,710
Plumbing	\$93,968	\$44,570	\$3,962	\$0	\$0	\$11,220	\$153,720
Technology	\$0	\$0	\$3,484,246	\$0	\$0	\$0	\$3,484,246
Fire & Life Safety	\$2,074,442	\$0	\$0	\$1,940,488	\$0	\$0	\$4,014,930
Security	\$3,435,756	\$0	\$1,970,918	\$620,606	\$0	\$836,459	\$6,863,739
Athletics/Activities	\$3,344,963	\$0	\$2,440,631	\$11,079,890	\$8,800,688	\$2,171,541	\$27,837,711
Nutrition Services	\$0	\$0	\$6,711,734	\$0	\$0	\$0	\$6,711,734
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Discipline Totals	\$9,658,407	\$14,029,811	\$116,349,754	\$63,185,223	\$8,800,688	\$9,810,865	\$221,834,747

P1 Total	\$9,658,407
P1 + P2 Total	\$23,688,218
P1 + P2 + P3 Total	\$140,037,972
P1 + P2 + P3 + P4 Total	\$203,223,195
In Progress (IP) Total	\$8,800,688
Complete (C) Total	\$9,810,865
IP + C Totals	\$18,611,552

HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
CIVIL					\$4,535,566
680	Provide new campus marquee appropriately located near front of campus.	1	PQ	SGN	\$59,747
683	Replace Student/Teaching parking lot asphalt and re-stripe to ensure proper ADA parking spaces and accessible route.	1	FRP	SPN	\$536,456
676	Provide new drought tolerant landscaping and irrigation with controls (allowance).	2	PQ	IRR	\$487,719
678	Address site flooding at the courtyard between Cafeteria and Theater and J Buildings (floods during rain - provide adequate area drainage).	2	PQ	SD	\$112,551
679	Address site flooding issues down middle of campus (between D, C and N Wing) and in front of raised square between C Wing and Admin office, and in front of the Library.	2	PQ	SD	\$225,101
681	Repair/replace cracking concrete sidewalks.	2	PQ	SPM	\$2,251,013
675	Replace existing freestanding canopies between buildings.	3	PQ	CNPY	\$198,103
677	Add or modify existing outdoor amphitheater to serve as an outdoor learning space. Provide adequate shade and seating area for entire student body and provide multiple outdoor learning spaces. Each space to accommodate 80 students each for collaborative learning (assuming two classes of 40 students each for collaborative learning). Outdoor learning environments will be wireless capable to support outdoor instructional programs. The design of the outdoor learning spaces are to support project based learning (i.e. sundials, gardens, etc.).	3	PQ	REN	\$554,689
682	Provide miscellaneous parking and play area paving repairs/resurfacing and re-stripe to ensure proper ADA parking spaces and accessible route.	C	PQ	SPM	\$105,188
687	HIGHLANDS HS ASPHALT IMPROVEMENTS (010-14-930)	C	2017U	SPM16-17	\$5,000



HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
BUILDING ENVELOPE					\$6,262,133
669	Provide miscellaneous canopy soffit repair throughout campus at various locations.	2	PQ	ESOF	\$67,530
671	Replace old exterior classroom windows with new energy efficient glazing and frames.	3	PQ	WDW	\$2,773,444
672	HIGHLANDS HS ROOFING (2015) (015-15-930) - PBK Line Item: Provide miscellaneous roof maintenance and repair as proposed by 2016 Roof Assessment Report.	C	2017U	RFM14-15	\$125,383
673	HIGHLANDS HS ROOFING (2015) (015-15-930)	C	2017U	RFM15-16	\$113,963
674	HIGHLANDS HS ROOFING (2017) (066-17-930)	C	2017+19U	RFM16-17	\$498,659
670	Provide miscellaneous roof maintenance and repair per 2016 Roof Assessment Report. [Completed 2020]	C	2021U	RFR	\$2,683,155
ARCHITECTURE					\$149,352,823
612	Main Gym bleacher repair.	1	PQ	BLC	\$70,125
626	Provide new room graphics and way-finding signage per ADA requirements.	1	PQ	GRP	\$42,952
627	Provide "super" graphics paint package (include wall mural at MPR and floor logo).	2	PQ	GRP	\$225,101
633	Modernize Boys' and Girls' Student Restrooms - (4 sets; building D, lower E, G and S): Include new finishes (flooring, hard wall-surfacing, ceiling, etc.), fixtures, partitions, etc. to ensure ADA accessibility.	2	PQ	REN	\$945,425
634	Modernize Men's and Womens' Staff Restrooms - Building G: Include new finishes (flooring, hard wall-surfacing, ceiling, etc.), fixtures, partitions, etc. to ensure ADA accessibility.	2	PQ	REN	\$131,309
635	Modernize Boys' and Girls' (Confirm Staff or Student) Restrooms near Music Area: Include new finishes (flooring, hard wall-surfacing, ceiling, etc.), fixtures, partitions, etc. to ensure ADA accessibility.	2	PQ	REN	\$236,356

HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
636	Modernize Shop Building "F": Include new finishes (flooring, painting, ceiling, etc.); F6-ROTC needs new casework, F5-Guitar Shop needs floor coating, F4-Art needs storage, casework and floor coating, F2-Ceramics needs kiln exhaust repair, F1 will be empty if weight room moves to gym, etc. Note: These areas continue to be re-purposed and forced to accommodate other programs - coordinate with educational program/specifications.	2	PQ	REN	\$5,252,363
637	Modernize Cafeteria/MPR (5,000 sf). Include all new finishes (flooring, paint, hard-surface wall treatment, ceiling, etc.), acoustical wall treatment, stage, etc.	2	PQ	REN	\$1,875,844
589	Provide better acoustical treatment at Main Gym.	3	PQ	ACO	\$118,862
590	Expand (18,500 sf) Main Gym. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$12,314,090
591	Construct new (1,000 sf) Auxiliary Gym addition. Include new Gym lobby area with public restrooms, ticket booth and storage.	3	PQ	ADD	\$665,627
592	Construct new (1,200 sf) addition to the Main Boys' and Girls' Athletic Locker Rooms. Include additional athletic Locker Rooms, showers, storage, etc.	3	PQ	ADD	\$798,752
593	Expand new (11,500 sf) Library learning center per District standards (include casework, circulation desk, storage, etc.).	3	PQ	ADD	\$8,611,543
594	Construct new (9,000 sf) Cafeteria/MPR addition to accommodate current enrollment to include improvements to outside eating area. Include all new finishes (flooring, paint, hard-surface wall treatment, ceiling, etc.), acoustical wall treatment, stage, et	3	PQ	ADD	\$5,990,639
595	Construct new (5,500 sf) addition to Administration/Clinic area. Provide sense of entry and properly sized lobby/reception area. Provide area for alumni museum.	3	PQ	ADD	\$3,660,946
596	Construct new (14,500sf) Theater addition (include new finishes, seating, lighting, control room, etc.).	3	PQ	ADD	\$12,064,480



HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
597	Provide additional Boys' and Girls' Student and Staff Restrooms throughout campus to provide better proximity for students and staff.	3	PQ	ADD	\$873,635
598	Construct new Weight Room addition near Gym (current weight room in space not originally designed for this purpose and not located in close proximity to athletic areas; space could be better utilized by other programs).	3	PQ	ADD	\$1,996,880
599	Construct new Wrestling Room in close proximity to Main Gym.	3	PQ	ADD	\$1,397,816
600	Construct new (4,200 sf) addition to the Main Boys' and Girls' Athletic Locker Rooms. Include additional athletic Locker Rooms, showers, storage, etc.	3	PQ	ADD	\$2,795,631
601	Modernize existing (5,500 sf) Theater. Include new finishes, seating, lighting, control room, etc.	3	PQ	ADD	\$2,288,091
602	Construct new Concession at Stadium.	3	2017U	ADD	\$1,456,058
613	Replace bleachers in Main Gym.	3	PQ	BLC	\$1,188,619
614	Replace bleachers in Auxiliary Gym.	3	PQ	BLC	\$792,413
615	Provide window coverings at all classrooms.	3	FRP	BLD	\$277,344
616	Remove and replace existing old ceiling with new acoustical lay-in ceiling tile and grid throughout all classroom buildings "C", "D", upper "E", lower "E", "G", "H" and "J".	3	PQ	CLG	\$950,895
617	Remove and replace existing old ceiling with new acoustical lay-in ceiling tile and grid in two story classroom building "S".	3	PQ	CLG	\$253,572
618	Remove and replace educational/classroom casework throughout all classroom buildings "C", "D", upper "E", lower "E", "G", "H" and "J". (NOTE: Casework in poor condition, some areas still have original).	3	PQ	CWK	\$2,060,273
619	Remove and replace all exterior doors and frames.	3	PQ	DR	\$356,586
621	Replace wooden floor in Gym. Note: Existing floor has been resurfaced for the last time.	3	PQ	FLR	\$2,614,961

HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
622	Install walk-in floor mat (VCT/carpet) at all classrooms. See diagram.	3	PQ	FLR	\$126,786
623	Remove and replace VCT and carpet throughout classrooms "C", "D", upper "E", lower "E", "G", "H" and "J".	3	PQ	FLR	\$1,426,343
624	Remove and replace VCT and carpet throughout classrooms two story "S" Building.	3	PQ	FLR	\$380,358
625	Replace second floor balcony/walkway coating at "S" Building.	3	PQ	FLR	\$134,710
628	Remove and replace marker board/tack board in all classrooms.	3	PQ	MBTB	\$3,328,133
629	Paint previously painted interior surfaces at all classrooms "C", "D", upper "E", lower "E", "G", "H" and "J".	3	PQ	PTG	\$253,572
630	Paint previously painted interior surfaces at all classrooms "S" Building.	3	PQ	PTG	\$63,393
631	Paint previously painted exterior surfaces at all buildings campus wide (life cycle).	3	PQ	PTG	\$245,648
638	Modernize (2) portable classroom (SP - Special Education). Include new finishes (flooring, paint interior/exterior, etc.), repair/replacement of roof, siding, hardware, HVAC, lighting, security, technology, etc.	3	PQ	REN	\$79,241
639	Modernize Main Boys' and Girls' Athletic Locker Rooms. Provide new finishes, lockers, etc.	3	PQ	REN	\$2,745,709
640	Modernize Main Gym. Provide new finishes, wood floor resurface and re-stripping, trackable goals, etc.	3	PQ	REN	\$4,358,269
641	Modernize Auxiliary Gym. Provide new finishes, wood floor resurface and re-stripping, trackable goals, etc.	3	PQ	REN	\$3,565,856
642	Modernize existing (3,500 sf) Library Learning Center per District standards (include casework, circulation desk, storage, etc.).	3	PQ	REN	\$1,941,411
643	Modernize existing Administration (5,000 sf). Include new finishes (floors, walls, ceiling), casework, new windows, etc. Provide secure sense of entry.	3	PQ	REN	\$1,981,031



HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
644	Modernize existing Auxiliary PE Locker Rooms. Provide new finishes, lockers, showers and restrooms.	3	PQ	REN	\$2,218,755
645	Expand and/or Modernize existing Home Economics/Culinary Arts area.	3	PQ	REN	\$475
646	Modernize existing (3,000 sf) Band/Choir area (including new finishes, instrument storage, acoustical treatment, etc.).	3	PQ	REN	\$1,664,066
647	Modernize (5,500sf) existing Theatre. Include new finishes, seating, lighting, control room, etc.).	3	PQ	REN	\$3,486,615
648	Modernize "M" Building.	3	PQ	REN	\$2,139,514
649	I.T. MDF & IDF: Provide dedicated locked "Data" room to include dedicated HVAC conditioned for I.T. server and equipment.	3	PQ	TECH	\$39,621
603	Construct new (2) classroom addition to replace all portable classrooms.	4	PQ	ADD	\$1,563,928
604	Construct new Black Box Theater addition (include control room, dressing rooms, scene Shop, storage, etc.). (See Principal Interview)	4	PQ	ADD	\$8,688,488
605	Construct new (17,000 sf) Band/Choir area addition. Include new finishes, instrument storage, acoustical treatment, etc. for Band, Choir, Orchestra, Dance, Black Box Theater, Restroom area, etc.	4	PQ	ADD	\$13,293,386
606	Construct new (7,800 sf) S.T.E.A.M. Center building.	4	PQ	ADD	\$6,099,318
607	Construct Special Education Learning Center to replace existing portables (include classrooms, office, restroom/shower, etc.)	4	PQ	ADD	\$11,729,458
608	Construct new Commercial Culinary Arts Lab and Classroom.	4	PQ	ADD	\$3,909,819
609	Incorporate VAPA room at stage or in portable.	4	PQ	ADD	\$139,016
610	Construct new Restroom building at Stadium. [Completed 2017]	C	2017U	ADD	\$1,288,547
650	HIGHLANDS HS EXTERIOR PAINTING (019-14-930) - PBK Line Item: Paint previously painted exterior surfaces at all buildings campus wide. (2014 Painting Project)	C	2017U	PTG14-15	\$154,173

HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
MECHANICAL					\$8,516,434
707	Existing 2-pipe hydronic system doesn't have any controls for system changeover except for manual valves. Provide controls for changeover.	C	PQ	HVAC	\$29,803
709	Repair damaged hydronic piping insulation and covers.	2	PQ	HVAC	\$375,169
710	Bldg.'s C, N, D, E and G buildings HVAC is a 2-pipe hydronic system allowing either heating or cooling, but not both. Replace hydronic system with standard rooftop gas heat and electric cooling to allow each classroom to be in either heating or cooling.	2	PQ	HVAC	\$1,125,506
711	Replace diffusers at Shop classrooms.	2	PQ	HVAC	\$3,602
712	Replace coaches office mini-split AC units at Gymnasium.	2	PQ	HVAC	\$7,503
713	Kitchen exhaust system is inadequate. Replace kitchen exhaust and make-up air systems.	2	PQ	HVAC	\$37,517
714	Replace corroded cooling tower installed in 1995.	2	PQ	HVAC	\$60,027
715	Replace corroded condenser water pump by cooling tower.	2	PQ	HVAC	\$7,503
716	Replace water cooled chiller installed in 1995.	2	PQ	HVAC	\$300,135
718	Replace hot water pumps and chemical feed assembly in boiler room.	2	PQ	HVAC	\$22,510
720	Replace old restroom exhaust fans.	2	PQ	HVAC	\$60,027
721	Majority of school has Trane equipment installed in 2011. Replace units after expected 15 year lifespan.	3	PQ	HVAC	\$475,448
722	Campus has Johnson and Tridium controls. Replace Tridium with District preferred controls for uniformity.	3	PQ	HVAC	\$475,448
723	Provide supply air temperature sensors for all air handling systems for improved controls.	4	PQ	HVAC	\$24,824
724	Replace hydronic system with standard rooftop gas heat and electric cooling due to service and maintenance issues.	4	PQ	HVAC	\$3,723,638
708	Provide HVAC for Little Theatre. Original hydronic unit ventilators are broken and abandoned in place. [Completed 2020]	C	2021U	HVAC	\$1,493,250



HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
717	Replace corroded piping in boiler room.	C	2021U	HVAC	\$14,025
719	Replace 4 Fulton Pulse boilers in boiler room installed in 1995.	C	2021U	HVAC	\$280,500
ELECTRICAL					\$4,101,710
695	Multi-Purpose Room lighting in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	2	PQ	LTG	\$175,429
689	Replace existing exposed broken EMT conduits and associate fittings on roof in conjunction with roof maintenance and repair.	3	PQ	ELE	\$118,862
690	Typical classrooms in conjunction with classroom remodel: Add more power outlets and circuits.	3	PQ	ELE	\$969,051
691	Kitchen in conjunction with addition/remodel: Add more power outlets and circuits for Kitchen equipment and appliances. New additional panel is required. Recommend adding new receptacle outlets and circuits.	3	PQ	ELE	\$44,375
692	Administration general and computer use receptacles/outlets: Add power outlets and circuits in conjunction with the architectural additions and minor remodel.	3	PQ	ELE	\$107,096
693	Library and Computer Rooms in conjunction with new/additions/remodel: Add power outlets and circuits for computers and Library equipment.	3	PQ	ELE	\$44,375
696	Gymnasium lighting fixtures with local manual circuit breaker switching at power panelboard are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$522,239
697	Gymnasium Locker Rooms lighting fixtures and switching controls are obsolete, exceeded their life expectancy. Recommend replacement with energy efficient LED lighting fixtures and lighting control system.	3	PQ	LTG	\$82,585

HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
698	Campus has no existing building master lighting control system in place. All local manual switching with no occupancy sensors to auto shut off of lighting when room is not occupy, exception only in the Library room. No day light sensor in place. Recommend adding new occupancy sensors in all rooms; ceiling mounted type in large rooms, wall mounted type in small offices and/or rooms.	3	PQ	LTG	\$23,772
699	All classrooms lighting fixtures are obsolete, exceeded their life expectancy and are manually switched. Recommend to replace with energy efficient LED lighting fixtures and lighting control system to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$1,364,217
700	Library lighting in conjunction with new/ additions/remodel: Replace existing lighting with energy efficient LED fixtures and lighting control system in conjunction with the architectural additions and minor remodel in order to comply with current Title 24 lighting requirements.	3	PQ	LTG	\$138,672
701	Kitchen in conjunction with additions/minor remodel: Replace with energy efficient LED lighting fixtures and lighting control system in conjunction with the architectural addition and minor remodel to comply with current Title 24 lighting requirements with automatic occupancy sensors and daylight sensors.	3	PQ	LTG	\$138,672
688	Upgrade/replace emergency generator and automatic transfer switch.	4	PQ	EG	\$372,364
PLUMBING					\$153,720
738	Gas pipe serving rooftop HVAC units are rusted at various locations - replace rusted gas pipe.	1	PQ	PLB	\$42,075
739	Mechanical room at custodial office by G building - severely rusted leaking pipes are causing puddling and corrosion in mechanical room - replace rusted pipes.	1	PQ	PLB	\$41,374



HIGHLANDS HIGH SCHOOL

Proposed Work Items

All cost estimates are in 2021 dollars and include total soft costs. Inflation values are based on priority assigned. Items marked as complete are shown with their final dollar value at time of completion.

ITEM NO.	ITEM DESCRIPTION	PRIORITY CODE	SOURCE CODE	CLASSIFICATION CODE	TOTAL COST
747	Kitchen water heater: replace + seismically secure, provide expansion tank, drain pan, and discharge T&P to approved receptacle, replace circulation pump, corroded piping and provide gas pipe dirtleg before equipment connection.	1	PQ	WTRH	\$10,519
741	Drywells are too small serving condensate from ground mounted HVAC units. Drywells backup frequently and is causing corrosion, mold and algae growth - increase size of drywell or discharge condensate to approved receptacle.	2	PQ	PLB	\$44,570
742	Custodial sinks throughout campus are old - replace.	3	PQ	PLB	\$3,962
740	Much of the medium pressure gas piping in the gas meter yard is rusted - replace rusted pipes. [Completed 2020]	C	2021U	PLB	\$11,220
TECHNOLOGY					\$3,484,246
761	Information Technology (I.T.) systems: Provide infrastructure to include racks, cabinets, patch panels, conduit pathways, cables (fiber optic & Cat-5E), data device outlets and power as needed and determined by District's I.T. planned upgrade and/or replacements.	3	PQ	TECH	\$3,484,246
FIRE & LIFE SAFETY					\$4,014,930
702	Upgrade and replace fire alarm system to comply with DSA & NFPA 72. All existing and new strobes shall be synchronized to comply with DSA & NFPA 72 to address autistic students' negative reaction to visual strobes that are not synchronized.	1	PQ	FA	\$1,850,042
704	Provide interior and/or exterior egress emergency lighting. Add new egress lighting fixtures with integrated emergency battery pack and new exit light signs in rooms with two or more exit doors. Replace existing exit light signs with new LED exit lights.	1	PQ	LTG	\$70,125
706	Establish dedicated area for auto and bus drop-off/pick-up. Provide covered waiting area, seating and traffic control as required.	1	PQ	REN	\$154,275
703	Upgrade and replace fire protection/ sprinkler system (none at this time).	4	PQ	FSPR	\$1,940,488