

## Glenbrook High School District 225 - Summary of Master Facility Plan

Updated as of October 14, 2021

<b>Location</b>	<b>Cost Est. Total</b>	<b>Summer 2022</b>	<b>Summer 2023</b>	<b>Summer 2024</b>	<b>Deferred</b>
District Administration Building (GBA)	\$292,500	\$0	\$52,650	\$0	\$239,850
Glenbrook North High School (GBN)	\$18,503,550	\$152,100	\$1,714,050	\$87,750	\$16,549,650
Glenbrook South High School (GBS)	\$13,016,250	\$2,158,650	\$0	\$2,006,550	\$8,851,050
Glenbrook Off Campus (GBO)	\$292,500	\$0	\$46,800	\$0	\$245,700
<b>Grand Total</b>	<b>\$32,104,800</b>	<b>\$2,310,750</b>	<b>\$1,813,500</b>	<b>\$2,094,300</b>	<b>\$25,886,250</b>

**Summer School Location:** Glenbrook North      Glenbrook South      Glenbrook North

## Glenbrook High School District 225 - District Administration Building (GBA) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
<b>Paving and Site Work</b>							
GBA	Paving - Parking Lot	According to building records, the district parking lot was installed in 1988 and has been patched and sealcoated multiple times. The lot was last sealcoated the summer of 2020. It is recommended that the lot be replaced the summer of 2026. <b>Parking lot replacement recommended.</b>	\$130,000				\$130,000
<b>Mechanical</b>							
GBA	HVAC Replacement - 200B, 200C, 200D, 200E	This space at the district office was previously rented by a dental practice and was configured with four small exam rooms. Each exam room is heated and cooled via window units and the space is not tied into the overall building HVAC system. <b>Provide new heating and cooling systems for this space that is tied into the overall building systems.</b>	\$75,000				\$75,000
<b>Architectural</b>							
GBA	Carpeting - 2E	The carpeting in suite 2E is 10 years old and is expected to be replaced the summer of 2022. <b>Update lighting to LED.</b>	\$35,000				\$35,000
<b>Electrical</b>							
GBA	Lighting Retrofit - 2E	The lighting in suite 2E is the remaining area at the district office with fluorescent lighting. Lighting should be upgraded to LED. <b>Update lighting to LED.</b>	\$10,000				\$10,000
<b>Subtotal for All Project Areas</b>							
<b>Fees/Construction Contingency</b>							
<b>Grand Total</b>							
<b>\$250,000</b>							
<b>\$42,500</b>							
<b>\$292,500</b>							
<b>\$0</b>							
<b>\$0</b>							
<b>\$45,000</b>							
<b>\$7,650</b>							
<b>\$52,650</b>							
<b>\$0</b>							
<b>\$205,000</b>							
<b>\$34,850</b>							
<b>\$239,850</b>							

## Glenbrook High School District 225 - Glenbrook North High School (GBN) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
<b>Roofing</b>							
GBN	Roof Replacement - Back gym, main gym balcony, art, industrial ed, cafeteria corridors, science wing, mall canopy, music, CPA lobby.	There are several roof structures reaching 26+ years old and will be closely monitored over the next 3-5 years. Summer 2021: Music, CPA Lobby and Corridor. Summer 2023: Back Gyms	\$1,955,000		\$550,000		\$1,405,000
<b>Roof replacement recommended.</b>							
<b>Paving and Site Work</b>							
GBN	Paving - North and South lots	Crack-filling and sealcoating is a preventative maintenance item that helps to maintain and extend the lifespan of an asphalt surface by preventing surface deterioration. The industry standard for this treatment is every three to four years, the district adopted a four year cycle. This preventative maintenance measure reduces weather damage and water penetration of the asphalt surface, resists effects from gas, oil and salts, seals and protects the asphalt surface from deteriorating effects, reduces freeze-thaw deterioration, and extends the service life of the pavement. Crack-filling and sealcoating involves cleaning and preparing the asphalt surface, installing joint sealant into prepared cracks, applying sealer and allowing it to cure, and applying pavement markings. The GBN south lots are scheduled for the summer of 2021 and the north lots the summer of 2023.	\$130,000		\$130,000		
<b>Crack-fill/sealcoating recommended.</b>							
GBN	Paving - Staff and West Student Lot	The staff parking lot and west student parking lot are scheduled for replacement the summer of 2025.		\$605,000			\$605,000
<b>Replacement of parking lot recommended.</b>							
GBN	Paving - Tennis Courts	The GBN tennis courts were replaced the summer of 2018. It is recommended that they be resurfaced every 7 years. Work should be completed the summer of 2025. Crack repair and resurfacing will involve cleaning existing cracks and court surface, installation of "crack filler", filling cracks with granular silica sand, and applying one coat of acrylic resurfacer and two coats of fortified acrylic tennis court color coating surface.		\$135,000			\$135,000
<b>Resurfacing of tennis courts recommended.</b>							
GBN	Turf surface replacement - Stadium Field	The artificial turf field was installed in 2013. The top layer (carpet) needs to be replaced every 12-14 years. It is estimated the surface should be replaced the summer of 2027.		\$575,000			\$575,000
<b>Replacement of field surface recommended.</b>							

## Glenbrook High School District 225 - Glenbrook North High School (GBN) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
GBN	Bleacher and Press Box Replacement - Stadium	The bleachers were installed in the late 1970s. Although passing inspection, the underlying structure is slowly deteriorating and rusting. The recommended repairs due to wear and tear has been accumulating each year including seating replacement, welding and painting. The bleachers do not have proper capacity (home 1800 and visitor 900) and are the smallest bleachers in the 12 team conference. Additionally the bleachers are not ADA compliant making it difficult for students, staff and community members to watch events with friends and family. The press box is also much smaller for today's needs which include broadcasting, filming etc.	\$1,500,000				\$1,500,000
<b>Replacement of bleachers, press box recommended.</b>							
<b>Mechanical/Plumbing</b>							
GBN	Building Automation System Software and Component Replacement - Throughout	GBN uses a building automation system (BAS) which was installed in 2001, to automate the many building mechanical systems. The current system and component parts (field panels, controllers) are considered obsolete and no longer available or supported. Wiring is old and has the potential to fail.	\$900,000				\$900,000
GBN	Hydraulic Lift Replacement - CPA	<b>Replace BAS system and components. Run new wiring.</b> The GBN orchestra pit lift is original construction with two hydraulic rams. There is the potential for failure. The lift can drift out of level from side to side. New pit lifts are electronically driven avoiding the need for hydraulic fluid.	\$350,000				\$350,000
GBN	Rigging System	<b>Replace Hydraulic Lift</b> The GBN rigging system is a manual counter weight system that is original to the auditorium and in need of replacement.	\$500,000				\$500,000
GBN	HVAC Replacement - Shop Classrooms Wood Shop, Auto Shop, Metal Shop	<b>Replace Rigging System</b> The existing ceiling hung air handling units for the shop classrooms are the original air handling unit and are approximately 60 years old. Failure of these units will result in loss of heating and ventilation and the ability to maintain proper space temperature to the areas they serve.	\$350,000				\$350,000
GBN	Boiler Replacement - Boiler Room	<b>Provide a new Air Handling System to service these areas.</b> The existing fired steam boilers (4) are over 60 years old showing signs of deterioration. Loss of the boilers would result in loss of heat to the entire building.	\$1,800,000				\$1,800,000
GBN	HVAC Replacement - C-108 and Nurse/Student Services	<b>Replace existing steam boilers with new gas fired hot water boilers. Extend new hot water supply and return mains to existing equipment.</b> As part of the 2016 Life Safety Bond issuance, the majority of unit ventilators were replaced. There is a remaining unit ventilator in the ceiling of room C-108 and nurses and student services are roof top units.	\$130,000				\$130,000
<b>Replace unit ventilators with a rooftop unit.</b>							

## Glenbrook High School District 225 - Glenbrook North High School (GBN) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
GBN	Water pipe and fixture replacement - Applied Tech Restrooms	The existing domestic water piping mains are the original galvanized steel piping. The piping is deteriorated causing leaks and loss of water pressure to building. The existing plumbing fixtures in classrooms and toilet rooms are the original fixtures and are worn. <b>Replace piping and fixtures with new.</b>	\$70,000				\$70,000
GBN	Water pipe and fixture replacement - Girls and Boys PE Restrooms	The existing domestic water piping mains are the original galvanized steel piping. The piping is deteriorated causing leaks and loss of water pressure to building. The existing plumbing fixtures in locker room and toilet rooms are the original fixtures and are worn. <b>Replace piping and fixtures with new.</b>	\$225,000				\$225,000
GBN	Water pipe, fixture replacement, ADA compliance - CPA Restrooms	The existing domestic water piping mains are the original galvanized steel piping. The piping is deteriorated causing leaks and loss of water pressure to building. The existing plumbing fixtures are the original fixtures and are worn. Additionally, the current restrooms are not ADA compliant and additional stalls are needed to support the CPA. <b>Replace piping and fixtures with new.</b>	\$455,000				\$455,000
GBN	Piping Replacement - A Wing	The hot water piping was replaced in the late 1990s however the circulation to individual fixtures is a concern and the hot water is not effectively traveling to the individual fixing, cold water piping is now approaching the end of its useful life and is showing signs of deterioration. <b>Replace piping and fixtures with new.</b>	\$180,000				\$180,000
<b>Electrical</b>							
GBN	Lighting - CPA	The current incandescent lighting in the CPA is difficult to maintain due to its height and is not energy efficient. Additionally they consume a great deal of power and burn out frequently. It is recommended that the lighting be converted to LED on both the stage and house. <b>LED retrofit is recommended.</b>	\$700,000				\$700,000
GBN	Lighting and Ceiling Tile Replacement - Back Gym Hall	The back gym hall ceiling and lighting was replaced when the back gym work was completed the summer of 2018. There is a portion of old spline ceiling with surface mounted lighting that remains. <b>Provide a new drop ceiling and LED lighting.</b>	\$80,000				\$80,000
GBN	Lighting and Dimming System Replacement - Science Rooms	The science rooms fluorescent lighting and dimming system is at the end of its useful life and intermittently functioning. <b>Replace fluorescent fixtures with new LED and control with new wall box o-10V dimmer.</b>	\$50,000				\$50,000
GBN	Lighting - Athletic Stadium	The existing athletic stadium fixtures are energy inefficient and high maintenance. <b>Replace 400W metal halide light fixtures with energy efficient LED fixtures.</b>	\$180,000				\$180,000
GBN	Lighting - Classrooms	Convert general classrooms to LED lighting. There are approximately 170 classrooms. <b>LED retrofit recommended.</b>	\$320,000	\$25,000	\$25,000		\$270,000

## Glenbrook High School District 225 - Glenbrook North High School (GBN) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
<b>Flooring/Tiling</b>							
GBN	Carpeting	Carpeting in various classrooms and corridors is 20+ years old and in need of replacement. <b>Carpet replacement recommended.</b>	\$400,000		\$50,000	\$50,000	\$300,000
<b>Flooring - CPA Stage</b>							
GBN	Flooring - CPA Stage	The CPA stage flooring is a soft pine which becomes worn overtime from the various stage sets that are screwed into the floor. There are many weak spots and a great deal of deflection underfoot. There is splintering, shearing and the potential for failure under heavy loads. The flooring is original and in need of replacement. <b>Replacement of CPA stage flooring recommended.</b>	\$130,000		\$130,000		
GBN	Flooring - Cafeteria Hallway, Laundry Room Hallway and Main Gym Hallway	These hallways are high traffic areas and the current VCT is worn, no longer looks clean and in need of replacement. <b>Replace VCT</b>	\$160,000				\$160,000
<b>Architectural</b>							
GBN	Door Replacement - Throughout Building	The Total Doors do not always properly latch and should be replaced. <b>Replace Hallway Total Doors</b>	\$1,000,000				\$1,000,000
GBN	Reconfiguration and Furniture - Social Studies A208	A208 is an oversized social studies classroom. The room can be converted into a conference room and general classroom. <b>Redesign of A208 and new furniture recommended.</b>	\$125,000				\$125,000
GBN	Reconfiguration and Appliance Replacement - Culinary Arts Room	There are two culinary art rooms - C106 and C108. C106 was redone a few years ago, C108 is outdated and would benefit from remodeling. <b>Redesign of Culinary arts and new furniture recommended.</b>	\$200,000				\$200,000
GBN	Performing Arts Space	Performing arts consists of music, theater and dance. Scheduling the various practices, rehearsals and performances can be difficult due to the limited performance spaces; often after school dance clubs are forced into the cafeteria, hallways and classrooms which isn't ideal. Also, music and theater performances that are best suited in a medium sized venue are either scheduled into the large CPA or music and drama classrooms. Data is being collected and analyzed to determine the facility needs and recommendations. <b>Additional Performing Arts Space(s) recommended.</b>	\$2,000,000				\$2,000,000

## Glenbrook High School District 225 - Glenbrook North High School (GBN) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
GBN	Pool Structural Repair and Gutter Drain Replacement	<p>The east pool at GBN is the smaller, original pool and has structural issues needing to be addressed. The foundation wall near the southeast corner of the pool, for a length of about 25 feet, is in need of repair. The concrete is spalling which is exposing the rebar/reinforcement and causing corrosion. The repair will consist of the removal of all loose and damaged concrete and sandblasting of exposed rebar. A new 6" deep, reinforced concrete wall will be poured behind the existing wall.</p> <p>Additionally, the pool gutter piping near the southeast corner of the pool is corroding and showing signs of potential failure. It is recommended that these be replaced at the time the foundational repairs occur.</p>	\$130,000	\$130,000			
<b>Repair Structural Issues and Replace 6 Gutters</b>							
GBN	CPA Dressing Room Renovation	The CPA has dressing rooms that are original to the building and are not ADA compliant. The space lacks necessary storage and is in need of new flooring, ceiling tile and lighting.	TBD				
<b>Renovate CPA dressing rooms</b>							
GBN	Culinary Lab	GBN has an antiquated culinary lab used to teach several foods classes throughout the day. The scope of the project is to remodel the space to create cooking stations with updated appliances. Additionally, this space is one of the last remaining spaces to have original HVAC equipment. It is recommended that this be replaced.	\$330,000				\$330,000
<b>Renovate CPA dressing rooms</b>							
<b>Larger Purchases</b>							
GBN	Furniture Purchase - IMC	The furniture in the IMC consists of tables and chairs. To facilitate student collaboration as well as independent learning, it is recommended that modular, mobile furniture be added to these spaces.	\$80,000				\$80,000
<b>Furniture replacement recommended.</b>							
GBN	Furniture Purchase - Peer Group	Peer group has a need for new chair (approximately 80). The current chairs are mismatched and not mobile.	\$20,000				\$20,000
<b>Furniture replacement recommended.</b>							
GBN	Furniture Purchase - Math office spaces	The desks are 30+ years old and do not accommodate the desire for collaborative and flexible space.	\$50,000				\$50,000
<b>Furniture purchase recommended.</b>							
<b>Subtotal for All Project Areas</b>							
<b>Fees/Construction Contingency</b>							
<b>Grand Total</b>							
<b>\$15,815,000</b>							
<b>\$2,688,550</b>							
<b>\$18,503,550</b>							
<b>\$130,000</b>							
<b>\$22,100</b>							
<b>\$249,050</b>							
<b>\$1,714,050</b>							
<b>\$87,750</b>							
<b>\$14,145,000</b>							
<b>\$2,404,650</b>							
<b>\$16,549,650</b>							

Glenbrook High School District 225 - Glenbrook Off Campus (GBO) Master Facility Plan						Updated as of October 14, 2021	
Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
<b>Paving and Site Work</b>							
GBO	Paving - Parking Lot	According to building records, the off campus parking lot was last replaced in 1995 and is expected to be ready for replacement in 2025. <b>Parking lot replacement recommended.</b>	\$130,000				\$130,000
<b>Electrical</b>							
GBO	Lighting - Throughout the Building	The current lighting at OC is fluorescent and the overall light quality and energy efficiency is less than LED lighting. <b>LED retrofit is recommended.</b>	\$40,000		\$40,000		
<b>Flooring/Tiling</b>							
GBO	Flooring - Throughout the building	The carpeting is showing wear and pulling up in certain areas. It should be replaced in accordance with the district carpet replacement cycle. <b>Carpet replacement recommended.</b>	\$80,000				\$80,000
<b>Architectural</b>							
				<b>Subtotal for All Project Areas</b>	\$250,000	\$0	\$40,000
				<b>Fees/Construction Contingency</b>	\$42,500	\$0	\$6,800
				<b>Grand Total</b>	<b>\$292,500</b>	<b>\$0</b>	<b>\$46,800</b>
							<b>\$210,000</b>
							<b>\$35,700</b>
							<b>\$245,700</b>

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## Glenbrook High School District 225 - Glenbrook South High School (GBS) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
<b>Roofing</b>							
GBS	Roof Replacement - Music, Maintenance, CPA corridor, Dance Studio, IMC, CPA Stage, Industrial Arts	Several roof structures are 26+ years old and will be closely monitored over the next few years. Auditorium House and Stage roofs are recommended for replacement during the summer of 2022 as well as a small music records room.	\$1,438,000	\$675,000			\$763,000
<b>Replacement of roofing recommended.</b>							
<b>Paving and Site Work</b>							
GBS	Paving - Full Parking Lot	Crack-filling and sealcoating is a preventative maintenance item that helps to maintain and extend the lifespan of an asphalt surface by preventing surface deterioration. The industry standard for this treatment is every three to four years, the district adopted a four year cycle. This preventative maintenance measure reduces weather damage and water penetration of the asphalt surface, resists effects from gas, oil and salts, seals and protects the asphalt surface from deteriorating effects, reduces freeze-thaw deterioration, and extends the service life of the pavement. Crack-filling and sealcoating involves cleaning and preparing the asphalt surface, installing joint sealant into prepared cracks, applying sealer and allowing it to cure, and applying pavement markings.	\$275,000	\$135,000			\$140,000
<b>Crack-fill/sealcoating and/or full depth patching recommended.</b>							
GBS	Paving - West Student Lot	The west student lot was last replaced in 2001 and is beginning to show significant cracking. The lot will need to be replaced the summer of 2024 at which point it will be 23 years old.	\$335,000	\$335,000			
<b>Replacement of west student lot recommended.</b>							
GBS	Sidewalk addition	The Glenview Fire Station sells parking spots to GBS students. There is currently a sidewalk owned and maintained by the Village that runs from the firestation to the GBS north student parking lot entrance. There is not currently a sidewalk that connects the Village sidewalk and the building entrance which results in students crossing through the vehicle entrance. The sidewalk being proposed is approximately 305 feet in length and will run just east of the tennis courts.	\$30,000	\$30,000			
<b>Sidewalk Addition</b>							
GBS	Paving - Tennis Courts	The GBS tennis courts were last resurfaced the summer of 2015. It is recommended that they be resurfaced every 7 years. Work should be completed the summer of 2022. Crack repair and resurfacing will involve cleaning existing cracks and court surface, installation of "crack filler", filling cracks with granular silica sand, and applying one coat of acrylic resurfacer and two coats of fortified acrylic tennis court color coating surface.	\$135,000	\$135,000			
<b>Resurfacing of tennis courts recommended.</b>							

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## Glenbrook High School District 225 - Glenbrook South High School (GBS) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
GBS	Track Replacement - Stadium Track	The stadium track was installed in 2004 and, with the resurfacing in 2020, would likely not need to be replaced until the summer of 2028. <b>Stadium Track Replacement Recommended.</b>	\$507,000				\$507,000
GBS	Field Turf Replacement - Stadium Field	The artificial turf field was installed in 2012. The top layer (carpet) needs to be replaced every 12-14 years. It is estimated the surface should be replaced the summer of 2026. <b>Replacement of field surface recommended.</b>	\$575,000				\$575,000
GBS	Field Netting - Baseball Field	The current fencing along the first and third baselines of the GBS baseball fields are not high enough to prevent foul balls from flying into adjacent fields and parking lots. <b>Add 50 foot netting behind the backstop and the first and third baselines recommended.</b>	\$120,000				\$120,000
GBS	Field Netting - Softball Field	The current fencing along the first and third baselines of the GBS softball field is not high enough to prevent foul balls from flying into adjacent fields. <b>Add 50 foot netting behind the backstop and the first and third baselines recommended.</b>	\$90,000				\$90,000
GBS	Bleacher and Press Box Replacement - Stadium	The bleachers were installed in the late 1970s. Although passing inspection, the underlying structure is slowly deteriorating and rusting. The recommended repairs due to wear and tear has been accumulating each year including seating replacement, welding and painting. The bleachers are not ADA compliant making it difficult for students, staff and community members to watch events with friends and family. The press box is also much smaller for today's needs which include broadcasting, filming etc. Storage is also a concern and can be added underneath the bleachers. Bleachers have good capacity (3,400 home and 1,125 away). <b>Replacement of bleachers, press box recommended.</b>	\$1,200,000				\$1,200,000
<b>Mechanical and Plumbing</b>							
GBS	Building Automation System Software and Component Replacement - Throughout	GBS uses a building automation system (BAS) which was installed in 1992, to automate the many building mechanical systems. The current system and components (field panels, controllers) are considered obsolete and the system is ready for replacement. Existing wiring also needs to be rerun. <b>Replace BAS system and components.</b>	\$900,000				\$900,000
GBS	Ejector Pump Replacement - Boiler Room	The large ejector/sump pump in the boiler room is original to the building and ready for replacement. <b>Replace ejector pump.</b>	\$60,000				\$60,000
GBS	Restroom Renovation - State and Madison	The restrooms at State and Madison are original to the building and in need of renovation. The piping and fixtures are in need of replacement. The restroom space is not ADA compliant and as they are heavily utilized during the school day as well as in the evenings and on weekends they do not have adequate fixture count to handle the traffic.	\$340,000				\$340,000

Glenbrook High School District 225 - Glenbrook South High School (GBS) Master Facility Plan						Updated as of October 14, 2021	
Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
<b>Restroom renovation recommended.</b>							
GBS	Restroom Renovation - Athletic Wing	The athletic restrooms are original to the building and in need of renovation. They are heavily utilized during the school day as well as in the evenings and on weekends.  <b>Renovate restrooms and ensure ADA compliance.</b>	\$280,000			\$280,000	
<b>Electrical</b>							
GBS	Lighting - Auditorium	The existing house lighting is inefficient incandescent and difficult to maintain. The stage lights were converted to LED in 2014.  <b>LED retrofit to house lighting is recommended.</b>	\$300,000			\$300,000	
GBS	Lighting - Athletic Stadium	The existing athletic stadium fixtures are energy inefficient and high maintenance.  <b>Replace 400W metal halide light fixtures with energy efficient LED fixtures.</b>	\$180,000			\$180,000	
GBS	Lighting and Dimmer System - 12 Science Classrooms LED	The dimming system for the lights in the science classrooms is failing and consistently flickers on and off at random times during the day. It is recommended that the lights and dimming system be replaced with LED lighting and a new dimming system. Six of the science rooms have been done and twelve remain.  <b>Upgrade 12 remaining science classrooms to LED lighting.</b>	\$50,000			\$50,000	
GBS	Lighting - Classrooms	Convert general classrooms to LED lighting. There are approximately 170 classrooms.  <b>LED retrofit recommended.</b>	\$320,000			\$50,000	\$270,000
GBS	Auditorium Rigging System	The auditorium has a rigging system that is original to the building and installed in 1961. It is recommended that it be replaced with a new counter weight system to be in compliance with the most current standards.  <b>Replace rigging system.</b>	\$440,000	\$440,000			
<b>Flooring/Tiling</b>							
GBS	Carpeting	Carpeting in various classrooms and corridors is 20+ years old and in need of replacement.  <b>Carpet replacement recommended.</b>	\$400,000			\$50,000	\$350,000
GBS	Flooring - Old Pit, adjacent corridors, main corridor	The carpet in the old pit and adjacent corridors and main office corridor are next to be replaced on the building's carpet replacement cycle. The old pit carpeting will be replaced with LVT flooring to accommodate additional student seating. The corridors will be recarpeted.  <b>Flooring replacement recommended.</b>	\$175,000				\$175,000
GBS	Flooring and Furniture - Social Studies Office	The carpet in the social studies office is worn and in need of replacement. The furniture is original to the space and not conducive to team collaboration and student interaction.  <b>Redesign of Social Studies Office and new flooring and furniture recommended.</b>	\$75,000				\$75,000

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## Glenbrook High School District 225 - Glenbrook South High School (GBS) Master Facility Plan

Updated as of October 14, 2021

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
GBS	Abatement, Flooring and Renovation - Foods Classroom	The foods classroom is in need up updating as it's appliances are now over 20 years old and the teaching / presentation stations are not meeting the needs of the curriculum. Tile would also be replaced and abatement is necessary. <b>Abatement, Floor Replacement, Room Renovation Recommended.</b>	\$300,000				\$300,000
GBS	Flooring - Pool Locker Rooms	The flooring in the boys and girls pe pool locker room is a concrete floor with an 1/8th inch epoxy coating which is constantly peeling. <b>Replacement of pool locker room flooring recommended.</b>		\$60,000			\$60,000
GBS	Flooring - Girls West Pool Shower Walls	The shower walls in the girls locker room of the new pool are painted cinder block and, due to the climate, continuously peel and need to be repainted. The shower walls need to be tiled. <b>Replacement of girls west pool locker room shower tile recommended.</b>		\$60,000			\$60,000
GBS	Flooring - Auditorium Stage	The auditorium stage flooring is a soft pine which becomes worn overtime from the various stage sets that are screwed into the floor. There are many weak spots and a great deal of deflection underfoot. There is splintering, shearing and the potential for failure under heavy loads. The flooring is original and in need of replacement. <b>Replacement of auditorium stage flooring recommended.</b>		\$85,000			\$85,000
<b>Architectural</b>							
GBS	Door Replacement - Throughout Building	The Total Doors do not always properly latch and should be replaced. <b>Replace Hallway Total Doors</b>		\$300,000			\$300,000
GBS	Performing Arts Space	Performing arts consists of music, theater and dance. Scheduling the various practices, rehearsals and performances can be difficult due to the limited performance spaces; often after school dance clubs are forced into the cafeteria, hallways and classrooms which isn't ideal. Also, music and theater performances that are best suited in a medium sized venue are either scheduled into the large CPA or music and drama classrooms. Data is being collected and analyzed to determine the facility needs and recommendations. <b>Additional Performing Arts Space(s) recommended.</b>		\$2,000,000			\$2,000,000
<b>Larger Purchases</b>							
GBS	Performing Arts Space	The stage curtains are original to the auditorium and are of cotton construction. As such, the drapes require cleaning and re-treating with flame retardants every 5 years. The GBS drapes were last treated 4 years ago. Over time, the fabric becomes more difficult and expensive to treat and needs to be replaced. It is recommended that the drapes be replaced with a more contemporary polyester drapery which is inherently flame retardant and does not require re-treating. All of the stage drapes are included in this scope.		\$95,000	\$95,000		

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Glenbrook High School District 225 - Glenbrook South High School (GBS) Master Facility Plan

*Updated as of October 14, 2021*

Location	Project & Area	Description of concern and recommended action	Cost Est. Total	Summer 2022	Summer 2023	Summer 2024	Deferred
		<b>Subtotal for All Project Areas</b>	\$11,125,000	\$1,845,000	\$0	\$1,715,000	\$7,565,000
		<b>Fees/Construction Contingency</b>	\$1,891,250	\$313,650	\$0	\$291,550	\$1,286,050
		<b>Grand Total</b>	<b>\$13,016,250</b>	<b>\$2,158,650</b>	<b>\$0</b>	<b>\$2,006,550</b>	<b>\$8,851,050</b>