



Geneva Community Unit School District #304
Operations and Maintenance-**Security**
7 Year Capital Improvement Plan

Finance Advisory Committee

January 09, 2017





Geneva Community Unit School District #304
Operations and Maintenance-**Security**
7 Year Capital Improvement Plan

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Geneva Community Unit School District #304
Operations and Maintenance-**Security**
7 Year Capital Improvement Plan

Introduction

This report analyzes the existing facilities as it relates to safety and security. The projection is based on a Seven Year Security Capital Improvement Plan with the highest priority needs being addressed first. Prioritization was identified by focusing on the first phase of emergency management prevention/mitigation. What projects can we complete at our school buildings that will prevent or mitigate incidents from occurring which in turn will protect our assets, students, staff, and property? It is important to understand that school safety and security is continuously evolving and the District is constantly looking at best practices and ways to enhance what we currently are doing. While our goal is to ensure that our schools provide a safe and secure environment for students and staff to thrive socially, emotionally, and educationally, we also must balance our approach with security by maintaining a welcoming, community engaging facility. This report covers all school buildings where students are housed along with the Coultrap Educational Services Center and the Keslinger Transportation Building. Projected costs by building are included in the appendix. This Seven Year Security Capital Improvement Plan is intended to provide the information needed to assist the District Board of Education and Administration with the decisions they will face with regard to future financial support of our buildings. As always we will continue to search and apply for as many grants that become available to help support our initiatives.

Respectfully Submitted,

Amy Campbell
Safety and Security Supervisor
Geneva Community School District #304

Geneva High School



Geneva High School Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers. Over a phase of two years, it is recommended that additional **security cameras** be added to both **interior** and **exterior** locations based on security assessments and the needs of the administration to monitor, prevent, deter, and assist in investigations when incidents occur. Additional **FOB access control** readers need to be added to the Health Office and to the Band Room to enhance security to those areas.

Geneva Middle School North



Geneva Middle School North

Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During security assessments along with conversations with the administrators at the building and first responders, strategic locations were identified to add both **interior and exterior security cameras** to monitor, prevent, deter, and to assist with investigations when incidents occur.

Lastly, **security traffic bollards** were recommended to be added in front of the building to provide protection to both students and staff along with protecting the structure of the building.

Geneva Middle School South



Geneva Middle School South Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During security assessments along with conversations with the administrators at the building and first responders, strategic locations were identified to add both **interior and exterior security cameras** to monitor, prevent, deter, and to assist with investigations when incidents occur.

Another recommendation for student and teacher safety is to replace the **interior locking mechanism** in the remaining classrooms where teachers are not able to lock their doors from the inside. By completing this project, all classrooms will be at the same standard.

Lastly, **security traffic bollards** were recommended to be added in front of the building to provide protection to both students and staff along with protecting the structure of the building.

Harrison Street Elementary School



Harrison Street Elementary School

Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During safety and security conversations with the principal and first responders, strategic locations were identified to add **exterior security cameras** to monitor, prevent, deter, and to assist with investigations when incidents occur.

Lastly, the district is looking at renovating the **front entrance** so that visitors enter a **secure** vestibule and are screened using our visitor management system, prior to entering the school.

As for other security recommendations for the capital improvement plan, the District is waiting for a security assessment that will be conducted by a security firm. After this security assessment is complete, we will utilize their recommendations to move forward with future projects.

Western Avenue Elementary School



Western Avenue Elementary School Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During safety and security conversations with the principal and first responders, strategic locations were identified to add **exterior security cameras** to monitor, prevent, deter, and to assist as an investigative tool when incidents occur.

As for other security recommendations for the capital improvement plan, the District is waiting for a security assessment that will be conducted by a security firm. After this security assessment is complete, we will utilize their recommendations to move forward with future projects.

Mill Creek Elementary School



Mill Creek Elementary School

Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During safety and security conversations with the principal and first responders, strategic locations were identified to add **exterior security cameras** to monitor, prevent, deter, and to assist as an investigative tool when incidents occur.

As for other security recommendations for the capital improvement plan, the District is waiting for a security assessment that will be conducted by a security firm. After this security assessment is complete, we will utilize their recommendations to move forward with future projects.

Heartland Elementary School



Heartland Elementary School

Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During safety and security conversations with the principal and first responders, strategic locations were identified to add **exterior security cameras** to monitor, prevent, deter, and to assist as an investigative tool when incidents occur.

As for other security recommendations for the capital improvement plan, the District is waiting for a security assessment that will be conducted by a security firm. After this security assessment is complete, we will utilize their recommendations to move forward with future projects.

Williamsburg Elementary School



Williamsburg Elementary School

Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During safety and security conversations with the principal and first responders, strategic locations were identified to add **exterior security cameras** to monitor, prevent, deter, and to assist as an investigative tool when incidents occur. Another area identified to enhance security, is to install **roof access panels** to prevent vandalism and easy access to the roof.

As for other security recommendations for the capital improvement plan, the District is waiting for a security assessment that will be conducted by a security firm. After this security assessment is complete, we will utilize their recommendations to move forward with future projects.

Fabyan Elementary School



Fabyan Elementary School

Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

During safety and security conversations with the principal and first responders, strategic locations were identified to add **exterior security cameras** to monitor, prevent, deter, and to assist as an investigative tool when incidents occur.

As for other security recommendations for the capital improvement plan, the District is waiting for a security assessment that will be conducted by a security firm. After this security assessment is complete, we will utilize their recommendations to move forward with future projects.

Coultrap Educational Services Center



Coultrap Educational Services Center Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

Keslinger Transportation Building



Keslinger Transportation Building Summary

Recommended upcoming security projects in the capital improvement plan over the next seven years include: replacing the outdated GE Diamond II **access control system**. The system including the software is no longer supported, therefore a new and upgraded system is needed. In order to be fiscally responsible, we are recommending a system that will be compatible with our current wiring, door hardware and readers.

Completed Capital Improvement Plan Projects for 2016-17

Project	Budget	Cost	Variance
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No projects approved.

Capital Improvement Plan Projects

2017-18

20E 900 2540 5110

GMSS	Interior Locking Mechanism	\$ 5,800.00
WES	Roof Access Panel	\$ 10,000.00
	TOTAL	\$ 15,800.00

Operations and Maintenance - SECURITY
7 Year Capital Improvement Cost Summary

Building / Description	Recommendation	Cost Estimate	Priority	Year	Comments	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Geneva High School												
Access Control System	Replace the GE Diamond II access control system.	\$ 42,750.00	H	2	This software is no longer supported therefore replacing the system is needed. We are recommending a comparable software system that will be compatible with our current wiring, door hardware and readers.		\$ 42,750.00					
Exterior Security Cameras	Additional exterior security cameras to monitor, prevent, deter, and investigate when incidents occur. (Phase 1: Year 3: \$ 4,000) (Phase 2: Year 4: \$9,000)	\$ 13,000.00	M	3,4	Identified areas in the 2014 ARCON Security Assessment.			\$ 4,000.00	\$ 9,000.00			
Interior Security Cameras	Addition of interior security cameras to Monitor, Prevent, Deter, and Investigate when incidents occur. (Phase 1: Year 3: \$7,000) (Phase 2: Year 4: \$7,000)	\$ 14,000.00	M	3,4	Administration identified areas where cameras would be of assistance.			\$ 7,000.00	\$ 7,000.00			
Add FOB Reader and Wiring to Access Control System	Install a FOB to the hallway doors at the Health Office and Band Room.	\$ 14,500.00	L	5	Adding this feature will enhance the protection of our assets and reduce the risk of theft. Cost for Health Office (\$6,500) and Band Room (\$8,000).					\$ 14,500.00		
Total for GHS		\$ 84,250.00				\$ -	\$ 42,750.00	\$ 11,000.00	\$ 16,000.00	\$ 14,500.00	\$ -	\$ -
GMS-N												
Access Control System	Replace the GE Diamond II access control system.	\$ 48,100.00	H	2	This software is no longer supported therefore replacing the system is needed. We are recommending a comparable software system that will be compatible with our current wiring, door hardware and readers.		\$48,100					
Exterior Security Cameras	Additional Exterior Cameras to prevent, monitor, deter, and investigate when incidents occur. (Phase 1: Year 2: \$4,000) (Phase 2: Year 5: \$9,100)	\$ 13,100.00	H,L	2,5	Working in conjunction with the Principal and the consultant from ARCON conducting the security assessment strategic areas were identified for placement of security cameras.		\$ 4,000.00			\$ 9,100.00		
Interior Security Cameras	Interior Cameras to prevent, monitor, deter, and investigate when incidents occur. (Phase 1: Year 4: \$11,000) (Phase 2: Year 5: \$11,000)	\$ 22,000.00	M	4,5	Administration identified areas where cameras would be of assistance.				\$ 11,000.00	\$ 11,000.00		
Security Traffic Bollards	Install security bollards outside of the front entrance to provide a barrier.	\$ 4,000.00	L	6	Bollards help provide deterrence and protection for both life and property. Identified in the ARCON 2014 Security Assessment						\$ 4,000.00	
Total for GMS-N		\$ 87,200.00				\$ -	\$ 52,100.00	\$ -	\$ 11,000.00	\$ 20,100.00	\$ 4,000.00	\$ -
GMS-S												
Interior Locking Mechanism	Install an interior locking mechanism to doors that have crash bars so that teachers do not have to exit their classrooms to lock their doors during a hard lockdown situation.	\$ 5,800.00	H	1	By adding these locks it will bring these doors up to the same standard of interior locking as the other classrooms. Noted in the 2014 ARCON Security Assessment.	\$ 5,800.00						
Access Control System	Replace the GE Diamond II access control system.	\$ 54,600.00	H	2	This software is no longer supported therefore replacing the system is needed. We are recommending a comparable software system that will be compatible with our current wiring, door hardware and readers.		\$ 54,600.00					
Exterior Security Cameras	Addition of exterior security cameras to monitor, prevent, deter, and investigate when incidents occur. (Phase 1: Year 2: \$4,000) (Phase 2: Year 5: \$6,900)	\$ 10,900.00	M	2,5	Working in conjunction with the Principal and the consultant from ARCON conducting the security assessment strategic areas were identified for placement of security cameras.		\$ 4,000.00			\$ 6,900.00		
Interior Security Cameras	Interior Cameras are recommended to prevent, monitor, deter, and investigate when incidents occur. (Phase 1: Year 4: \$15,400) (Phase 2: Year 5: \$8,800)	\$ 24,200.00	M	4,5	Administration identified areas where cameras would be of assistance.				\$ 15,400.00	\$ 8,800.00		
Security Traffic Bollards	Install security bollards outside of the front entrance to provide a barrier.	\$ 4,000.00	L	6	Bollards help provide deterrence and protection for both life and property. Identified in the ARCON 2014 Security Assessment						\$ 4,000.00	
Total for GMS-S		\$ 99,500.00				\$ 5,800.00	\$ 58,600.00	\$ -	\$ 15,400.00	\$ 15,700.00	\$ 4,000.00	\$ -
Harrison												
Access Control System	Replace the GE Diamond II access control system.	\$ 28,000.00	H	2	This software is no longer supported therefore replacing the system is needed. We are recommending a comparable software system that will be compatible with our current wiring, door hardware and readers.		\$28,000					
Exterior Security Camera	Addition of exterior security cameras to monitor, prevent, deter, and investigate when incidents occur.	\$ 4,000.00	M	3	Based on an internal security assessment additional cameras would be beneficial.			\$ 4,000.00				
Secure Front Entrance	Reconfigure the front vestibule so that the entryway is secure until a visitor has been properly screened.	\$ 92,000.00	M	4	A secure entrance provides a way for a staff member to control a visitor's movement until they go through the proper screening. Currently this cannot occur because of the current configuration of the building.				\$ 92,000.00			
Total for Harrison		\$ 124,000.00				\$ -	\$ 28,000.00	\$ 4,000.00	\$ 92,000.00	\$ -	\$ -	\$ -
Western												
Access Control System	Replace the obsolete GE Diamond II access control system.	\$ 22,500.00	H	2	This software is no longer supported therefore replacing the system is needed. We are recommending a comparable software system that will be compatible with our current wiring, door hardware and readers.		\$ 22,500.00					
Exterior Security Camera	Addition of exterior security cameras to monitor, prevent, deter, and investigate when incidents occur.	\$ 4,000.00	M	3	Based on an internal security assessment additional cameras would be beneficial.			\$ 4,000.00				
Total for Western		\$ 26,500.00				\$ -	\$ 22,500.00	\$ 4,000.00	\$ -	\$ -	\$ -	\$ -

