



To: Dr. Riggle
Facilities Committee

From: Kimberly Ptak

Date: Friday, February 16, 2018

Re: Security Assessment

Recommendation

It is recommended that the Board of Education approve a proposal from Facility Engineering Associates, P.C. (FEA) for physical security assessment services at Glenbrook High School District 225 in an amount not to exceed \$10,000. As part of the proposal, FEA will perform Physical Security Vulnerability Assessments which fall into four main categories; deterrence, detection, delay, and response. FEA will perform the assessment in conjunction with building and district level administration, ARCON & Associates, Nicholas and Co., and local law enforcement officials. The results of the assessments and analysis will be used to develop a plan based on needs and priorities in a phased approach.

Background

Over time, numerous measures have been taken by district and building administration to continuously improve the overall security of the physical buildings and campuses. These measures include adding video surveillance cameras, enhancing parking lot lighting, adding perimeter parking lot gates, increasing signage including contraband warnings, adding hardware sensors and access control devices, creating secure entrance vestibules and, with newer construction, adding doors to an Emergency Release Circuit to allow doors to automatically close in the event of an emergency.

Other security measures have been researched and discussed and will be further evaluated and prioritized through the recommended security assessment. These measures have been placed into the following categories; Exterior, Interior General and Interior Classrooms.

Exterior

Exterior security measures are proposed as a first line of defense in order to keep intruders out of the buildings. Items to be discussed include, but are not limited to:

- Security Contacts- at all exterior doors. Security contacts allow passage in and out of the building to be monitored and provide a notification if a door is left open.
- RX-LX-LC switches- request to exit devices proposed at main building entrances to secure entries (require authorization to enter) and will allow exiting for egress purposes.
- Bullet resistant film- at key glazed entrances. Bullet resistant films contain glass shards that result from a bullet's impact in order to deter passage through a glazed area. Bullet resistant glazing and frame assemblies would be required to prevent the passage of a bullet (this would be more costly).
- Security Bollards- at main entrances that may be susceptible to forced entry by vehicular traffic. Bollards will allow for pedestrian movement, while offering protection against vehicular threats.

Interior General

A combination of door hardware and system upgrades intended to slow down and contain an intruder to minimize impact until help arrives. Items to be discussed include, but are not limited to:

- Emergency Pull Stations/Intrusion Detection System- would allow students and staff to activate pull stations in order to trigger a direct alarm to the police and sound a mass notification to building occupants. The infrastructure required at each building would be as follows, given the proposed fire alarm work at GBS and current fire alarm system at GBN:

GBS

Add pull stations and tie into mass notification system

Tie fire alarm panel to existing intrusion detection panel (or add new intrusion detection panel, if required)

Note- this would be a supervised system

GBN

Add Blue Point (or other) system and pull stations

Interface with intrusion detection panel (to call police)

Interface with intercom system to sound pre-recorded message

Note- GBN system not supervised

- Add doors to Emergency Release circuit- at interior doors. This would cause doors to close in the case of a lock down in order to slow down and contain an intruder. The Total Door upgrades and additional hardware modifications would further support this intent.
- Additional Card Readers- at various key locations in order to limit access into certain areas of building.

Interior Classrooms

A variety of options are available in order to allow classroom doors to be secured in the case of a lockdown situation. The options range from the most basic approach of keeping existing hardware locked at all times to the installation of wireless locks that can be integrated into existing access control software.

Timeline

<u>Key Dates</u>	<u>Task</u>	<u>Responsible Parties</u>
Monday, March 5, 2018 - Friday, March 16, 2018	Complete physical security assessments at GBN, GBS, OC and DO	FEA in conjunction with district and building administration, ARCON, Nicholas and local law enforcement officials
Monday, March 19, 2018 - Friday, March 30, 2018	Report compiled with prioritized recommendations	FEA
Monday, April 2, 2018 - Friday, April 13, 2018	Recommendations reviewed and cost estimates compiled	District and building administration, ARCON, Nicholas, local police and fire department officials
Week of April 16, 2018	Facility Committee Meeting	

Monday, April 23, 2018	Board Meeting	
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