



Public School Security Program Update

Public School Capital Outlay Oversight Task Force

June 13, 2018

Agenda

- *Objectives, Process, Workshop Summary*
- *Security Projects Program*
- *Schedule*
- *Summary*
- *Reference Slides*

Objectives and Process

Objectives

- *Gather school facility security best practices, locally and nationally*
- *Understand the relevant, feasible, and economical methods to improve school security in New Mexico*
- *Facilitate partnerships and new processes between school districts, State agencies, and law enforcement to improve school security*

Process

Security Workshop Locations

Artesia April 13

Santa Rosa April 16

Albuquerque April 17

Deming April 19

Gallup April 24

Espanola April 25

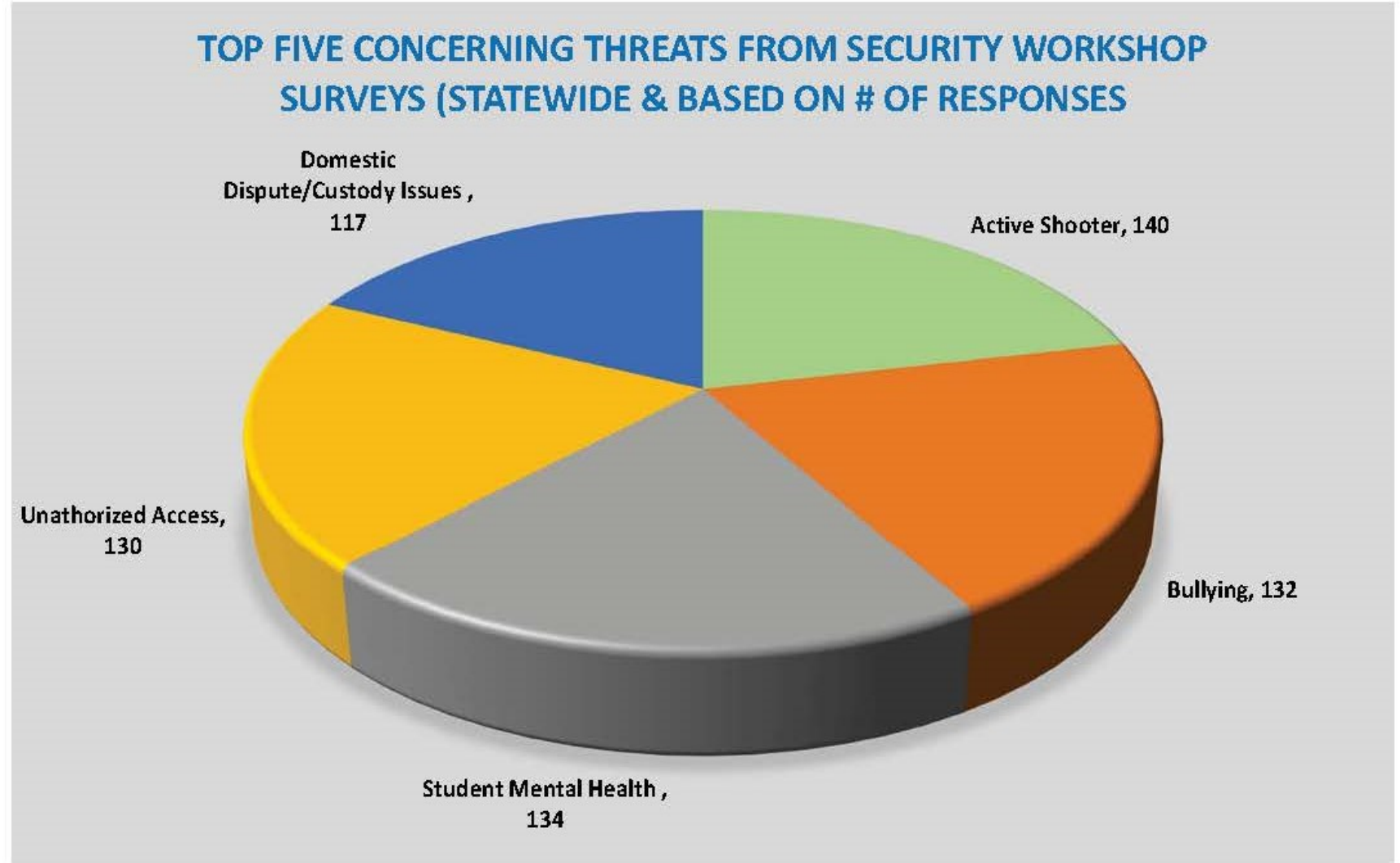
PSFA surveyed and toured school districts around New Mexico, talking with district staff to understand several key security issues:

- What are the security concerns for districts around the state?
 - Remote, rural districts?
 - Urban districts?
- What are districts doing to address their security concerns?
- What additional security measures are relevant and feasible for schools in NM?

Threats in NM

Summary of Survey Responses from School Districts at Statewide Security Workshops

Survey Question: When thinking about your district and/or school, rank the following threats from 1 to 5, with 5 being most concerning.



Barriers to Improving School Security

Summary of Survey Responses from School Districts at Statewide Security Workshops

Survey Question: What are the Most Significant Barriers to Improving School Security at your District or School? Please rank your top three (3) barriers with 1 being the most significant barrier.

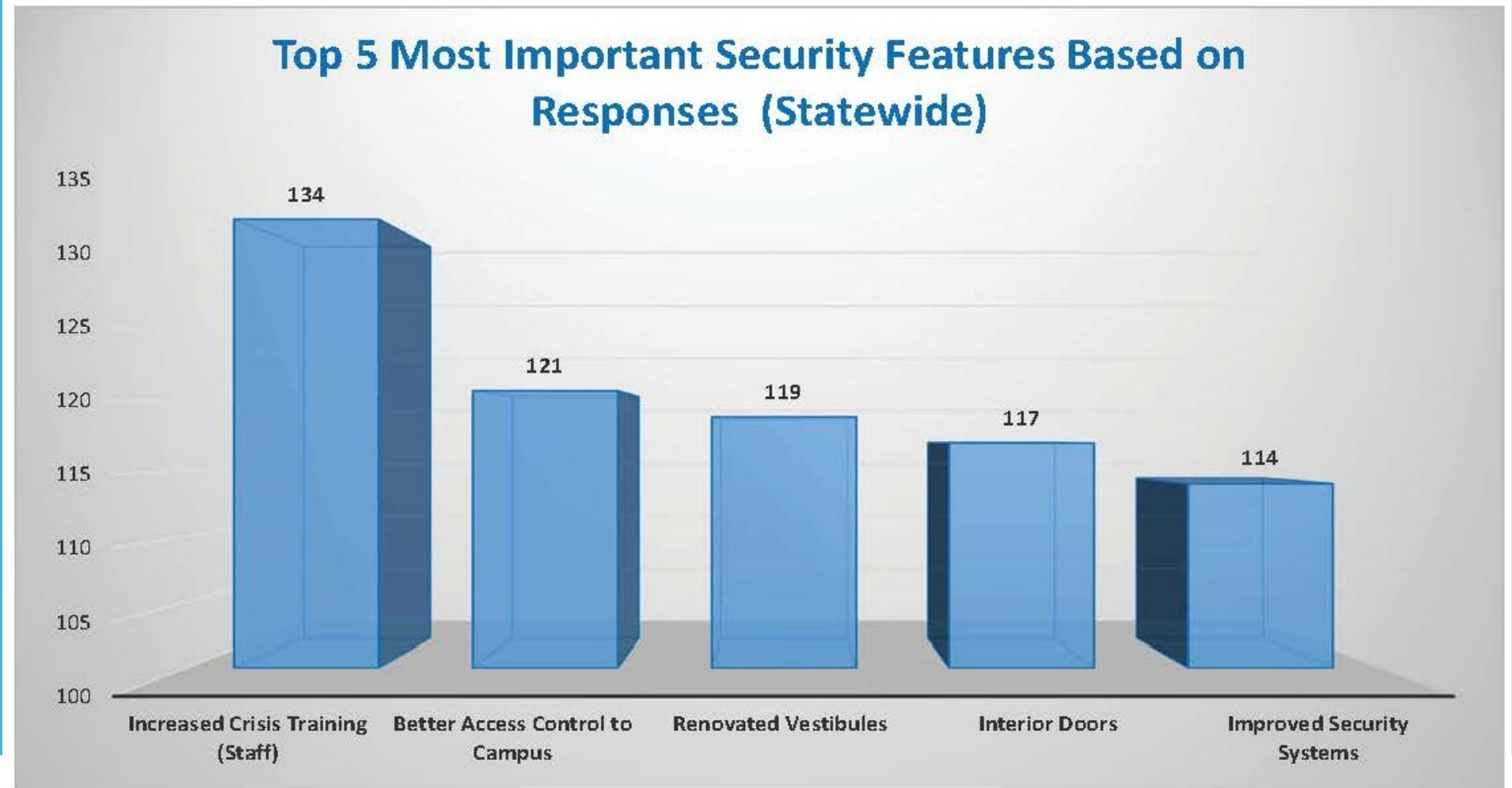
Barriers	1 st	2 nd	3 rd	TOTAL
Funding	116	20	34	170
Lack of Training	20	33	29	82
Building Design	17	34	26	77
Lack of Equipment/Systems	14	33	39	86
Communications	15	25	21	61
School Layout/Location	23	31	28	82
Maintenance	1	6	6	13
Other	5	4	4	13

Top three barriers per rank highlighted in the colored cells above while the total column shows the number of responses each item received

Security Features Prioritized by NM School Districts

Summary of Survey Responses from School Districts at Statewide Security Workshops

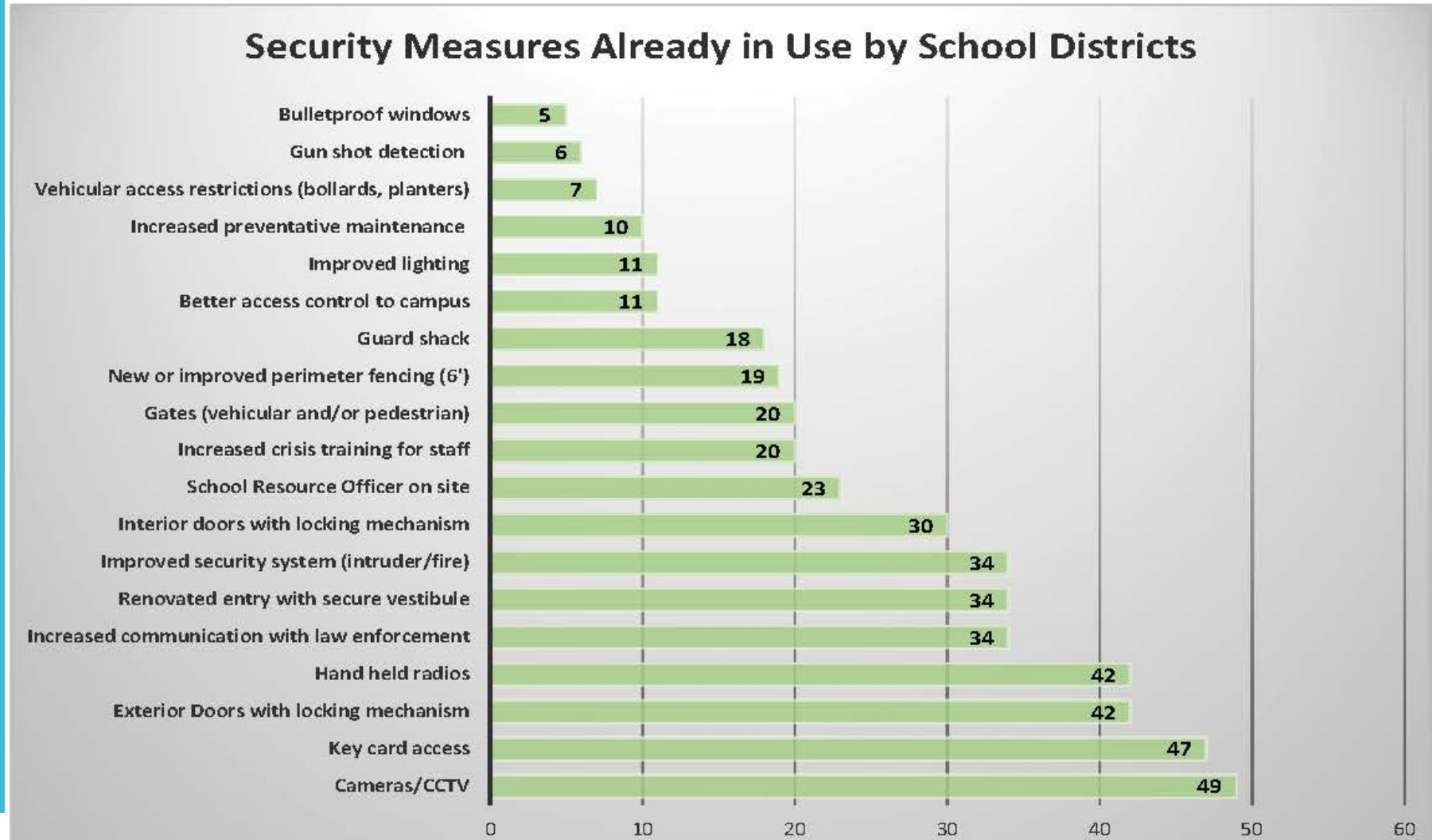
Survey Question: If you had the resources to implement new security measures at your school, how important would the following be with 1 being the least important and 5 being the most.



Security Features Already in Use at NM Schools

Summary of Survey Responses from School Districts at Statewide Security Workshops

Survey Question: *What security measures are already in use at your school(s)?*



Other Security Topics from the Workshops

Summary of Common Themes at the Workshops

Survey Question: Are there any topics or factors related to school security this survey or our workshop discussions did not address?

- *Dealing with mental health issues and bullying in our schools*
- *Reimbursements for past security projects*
- *Clear leadership by a single state agency*
- *Building design and site location*
- *School Resource Officers (SROs)*

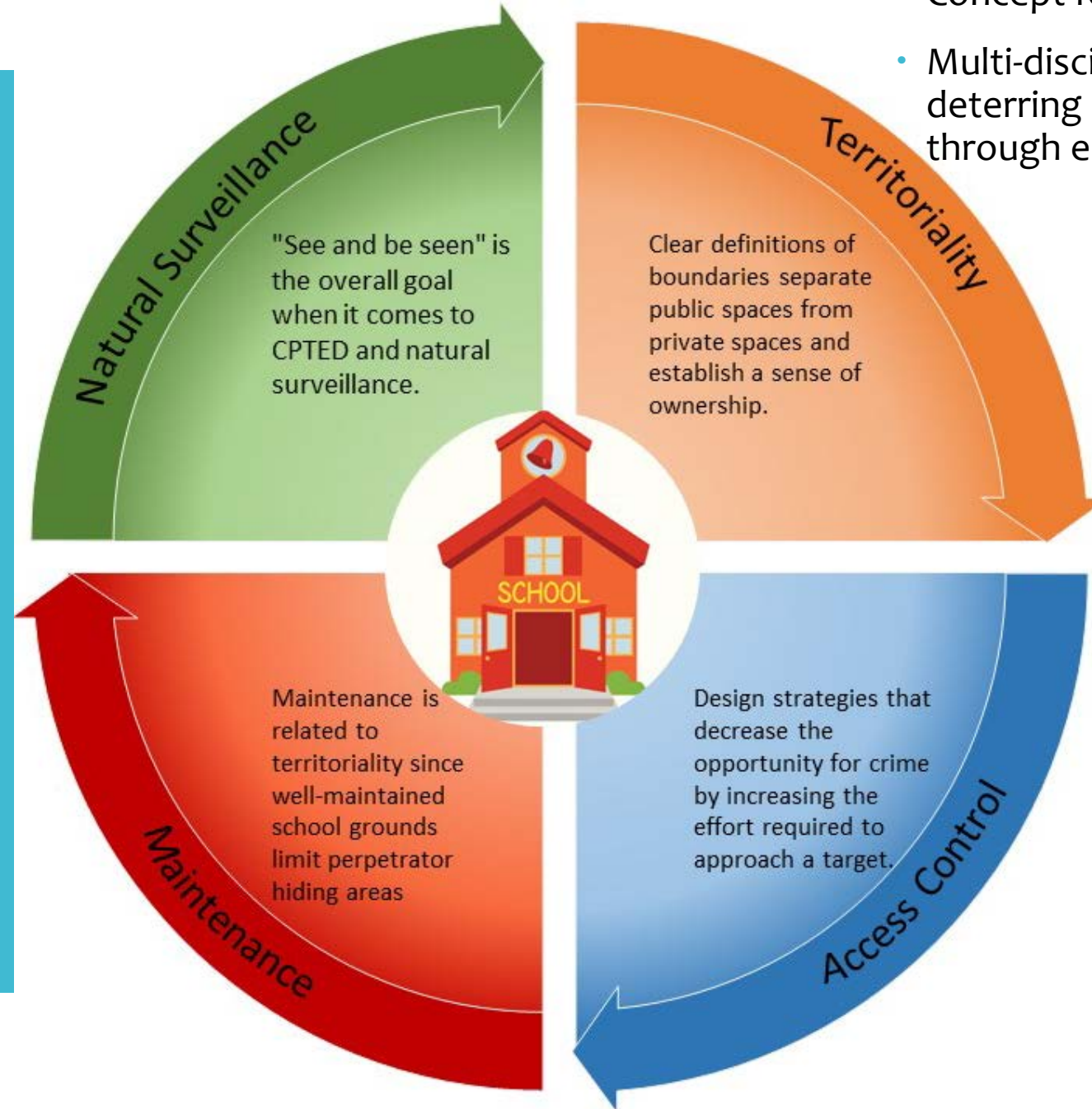
Urgency to improve school security, while taking the time to be deliberate and rational and inclusive to all schools.

Need to expand the discussion to include operational aspects (training) in addition to physical (facility) security items.

Schools must balance improved security with a welcoming, functional, open educational environment for students and the community.

Workshop Focus: CPTED Principles

Crime Prevention Through Environmental Design



- Concept formulated in 1971
- Multi-disciplinary approach to deterring criminal behavior through environmental design

Deliverables

- Security Guidelines Document (completed)
 - Available for download on PSFA website
 - Will be associated by reference to the Adequacy Standards
 - A living, non-prescriptive reference document for use by schools
- New Project Processes and Relationships (in-process)
 - Resources and links to other agencies on the PSFA website
 - PSFA invited a variety of security experts to each workshop, including:
 - Public Education Department
 - State Police
 - State Fire Marshal
 - Department of Homeland Security
 - Local First Responders
 - Insurance Risk Providers
 - Cooperative Educational Services
- Update of the Statewide Adequacy Standards (in-process)
- School Security Funding Program (in-process)

Security in the Current Statewide Adequacy Standards

Adequacy Standards will be revised for updates and public comment this year

“Security systems”

- *6.27.30.8 B. Building systems. Building systems in a school facility must be in working order and capable of being properly maintained. Building systems include, roof, plumbing, telephone, electrical and heating and cooling systems as well as fire alarm, **2-way internal communications**, appropriate technological infrastructure and **security systems**.*

“Secure site fencing”

- *6.27.30.10 D. Security.*
- *(1) All schools shall have safe and secure site fencing or other barriers with accommodations for safe passage through openings to protect students from the hazards of traffic, railroad tracks, steep slopes, animal nuisance, and to discourage **unauthorized access to the campus**. This standard is met if the entire school is fenced or walled. If this standard is not met, alternative security may be approved after the sufficiency of security at the site is reviewed by the council using the following criteria:*
 - *Amount of vehicular traffic near the school site;*
 - *Existence of hazardous or natural barriers on or near the school site;*
 - *Amount of animal nuisance or unique conditions near the school site;*
 - *Visibility of the play/physical education area; and*
 - *Site lighting, as required to meet safe, normal access conditions*
- *(2) For schools which include students below grade 6, a fenced or walled play/physical education areas shall be provided.*

Security Projects Program

Funding Program Goals

- Identify and prioritize the schools with the greatest need for security projects
- Identify and fund the most effective capital security projects and measures. Based on:
 - Consensus, nationally researched best-practices
 - Surveyed responses from the statewide workshops
 - Research gathered from statewide district site visits
 - Input from law enforcement and security experts
- Improve school security by installing multiple layers of systems and components, from the site to the buildings
- Prioritize items that are relevant and feasible in NM

Fundable Projects and Systems

27 Project Types Eligible for
State Funding Participation

Site	Building Exterior	Building Interior
Site Fencing Manual Gates (vehicle, pedestrian) Vehicle Bollards Site Access Control Building Site Lighting (exits to parking areas) Site Lighting (staff parking areas) On-site Radio Infrastructure Automatic Vehicle Gates *	Exterior Doors Exterior Door Hardware Lock Boxes, Rapid Entry System Secure Vestibule Exterior Windows Window Tinting, Decals Impact Resistant Glazing Bulletproof Glazing *	Emergency Notification System Interior Doors Interior Door Hardware Window Shades (manual) Office Space for Counselor (64 NSF) Office Space for SRO (64 NSF) Security Cameras * Central Camera Monitor Hand Held Radios * Gunshot Detection System * Visitor ID Scanner * +

* Items subject to funding participation limits

+ Subject to final approval by the PSCOC on June 14

Funding Program Participation Requirements

Steps to obtain state funding participation:

1. Complete a site security assessment for the applicant school campus (*checklist templates provided*)
2. Complete the application
 - Provide district prioritization of applicant campuses
 - Include estimated construction/installation costs
 - Provide a statement that the project will improve security at the facility
3. Meet with PSFA staff during the post-application site visit of the applicant school campus
4. Local matching funds ready at the time of the state funding award

Site Security Assessment

Application Prerequisite

List of Assessment Providers, in Order of Priority:

First: Law enforcement

Second: Insurance provider

Third: Independent Vendors
(not product salespeople)

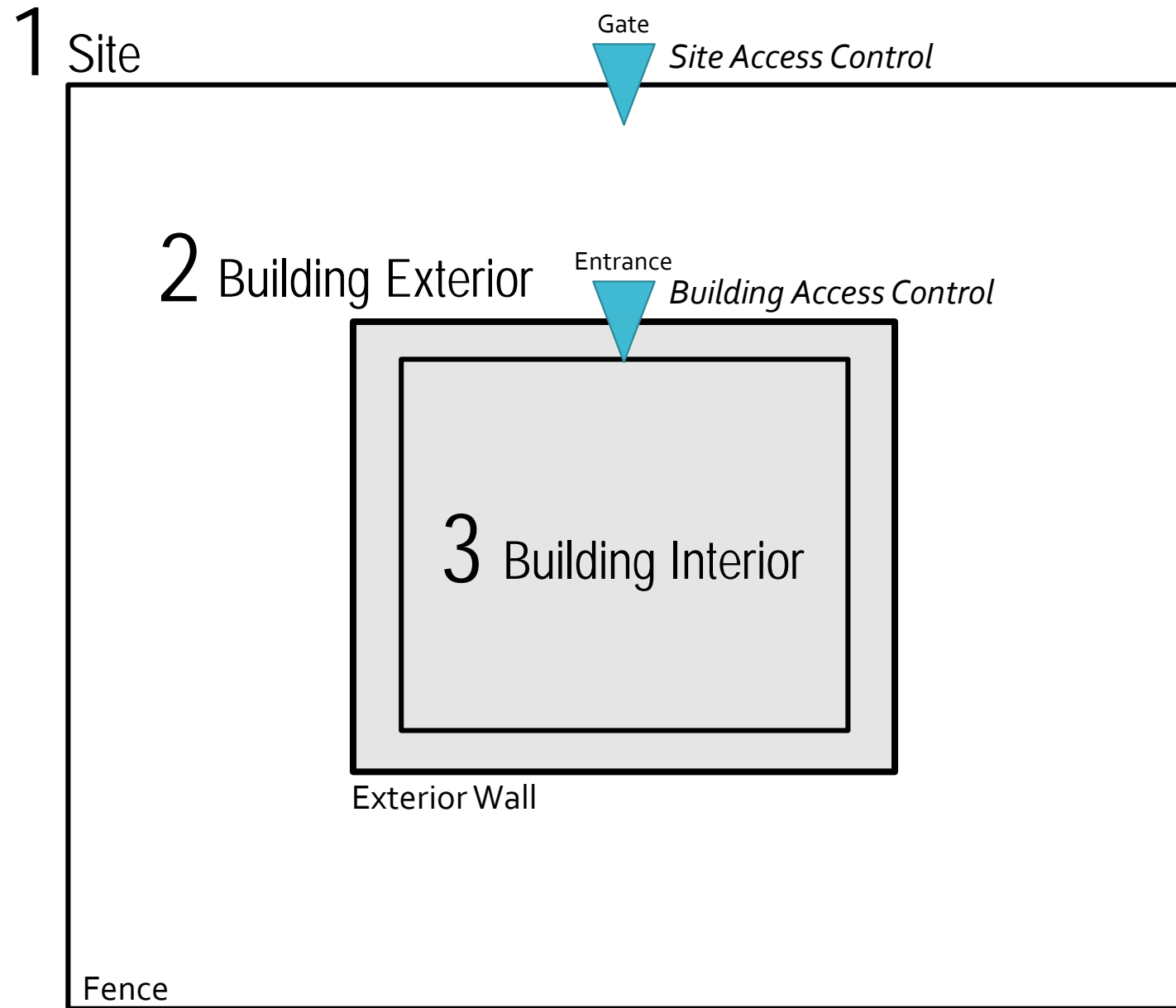
Security assessments identify site and facility threats and vulnerabilities, such as:

- Hiding areas
- Unsecured entrances
- Poor indoor/outdoor lighting
- Broken or damaged windows and doors
- Holes in the fence
- Overgrown landscaping
- Non-functional Emergency Notification Systems
- Trip hazards
- Difficult First Responder access to the site

Security Layers and Priorities

Implementation Priority:

- 1) Site
- 2) Building exterior
- 3) Building interior



Priority 1

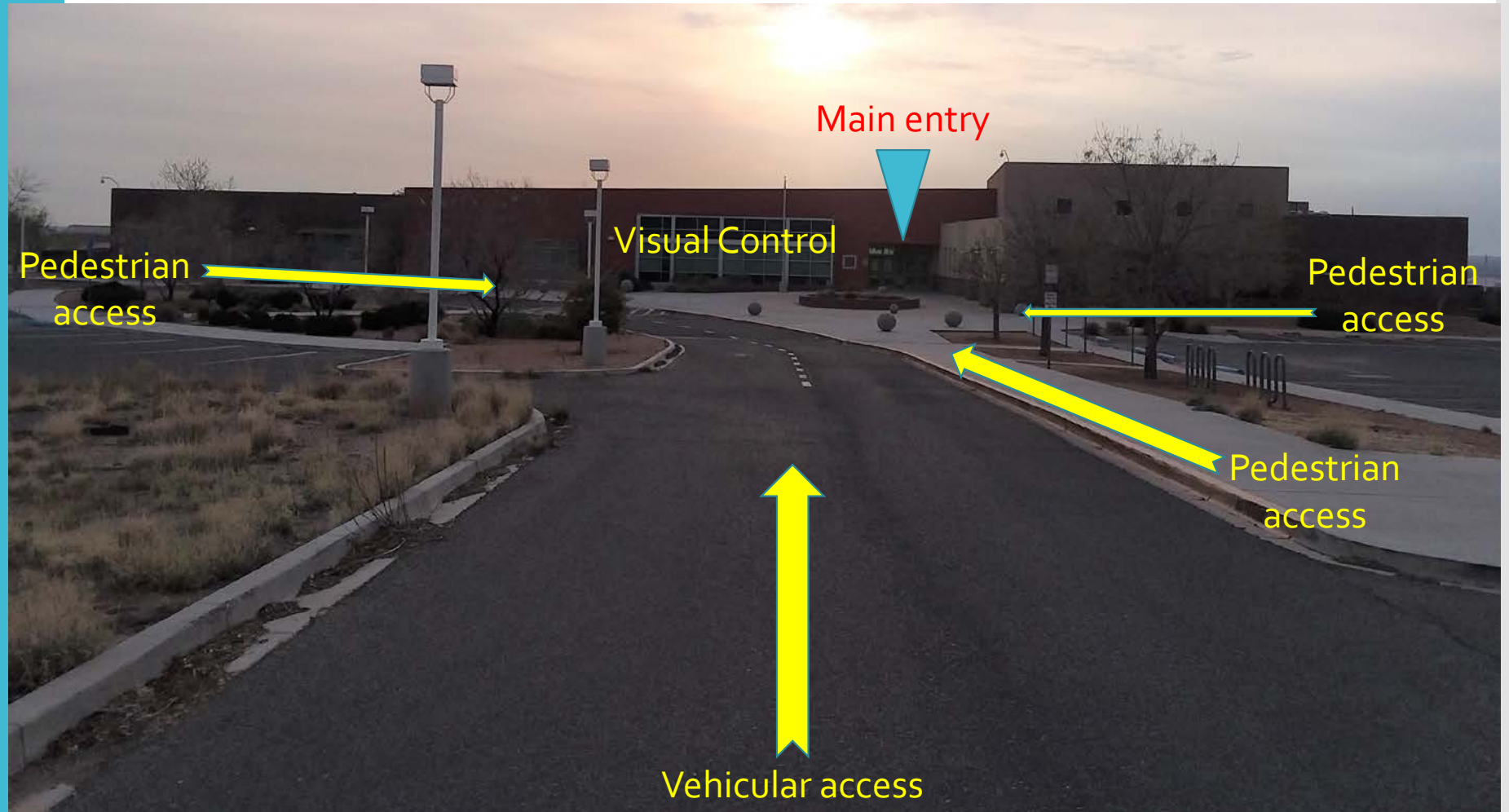
Site

Suggested Best Practices

- Implement physical and operational systems to improve site control and surveillance
- Install multiple layers of site security systems
- Control and monitor pedestrian and vehicle access onto the site
- Limit access within the site
- Improve visual control of all site areas

Site Example:

Controlled Approach,
Access, and Entry



Priority 2

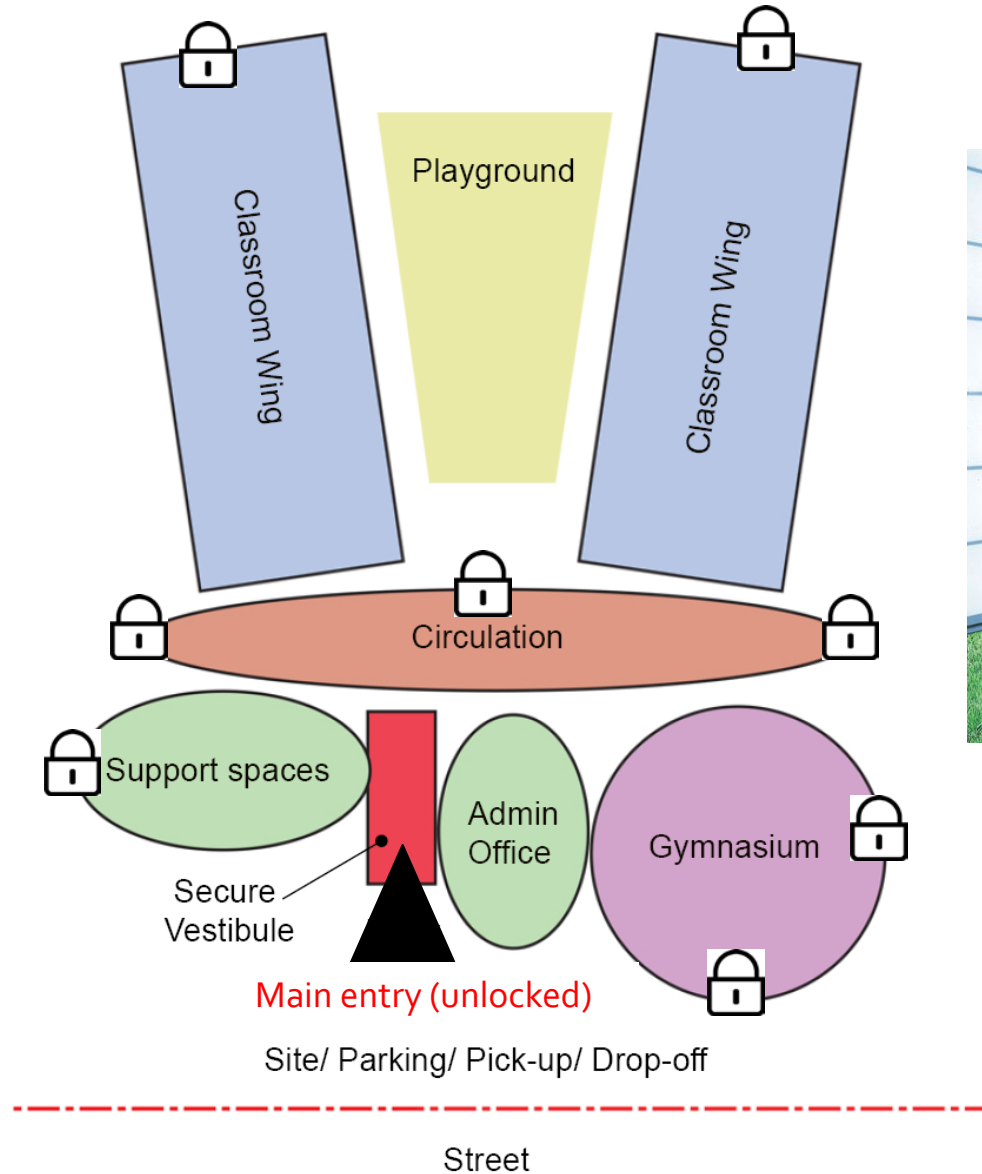
Building Exterior

Suggested Best Practices

- Limit visitor access to a single main entry
- Improve visual control of the entry
- Secure entry vestibule and check-in protocol
- Lockable exterior doors and windows
- Intruder resistant windows
- Ability to limit visual access into the building

Building Exterior Examples:

Exterior Door Diagram and Impact Resistant Glazing



Impact and intruder resistant glazing

Priority 3

Building Interior

Suggested Best Practices

- Lockable interior doors, from both sides
- Ability to limit visual access into occupied spaces
- Intruder resistant interior windows and doors
- 2-way communication system in all occupied spaces
- Multi-hazard emergency notification system

Building Interior Examples:

Visual Access Control at Interior Windows and Interior Classroom Door Hardware Modification



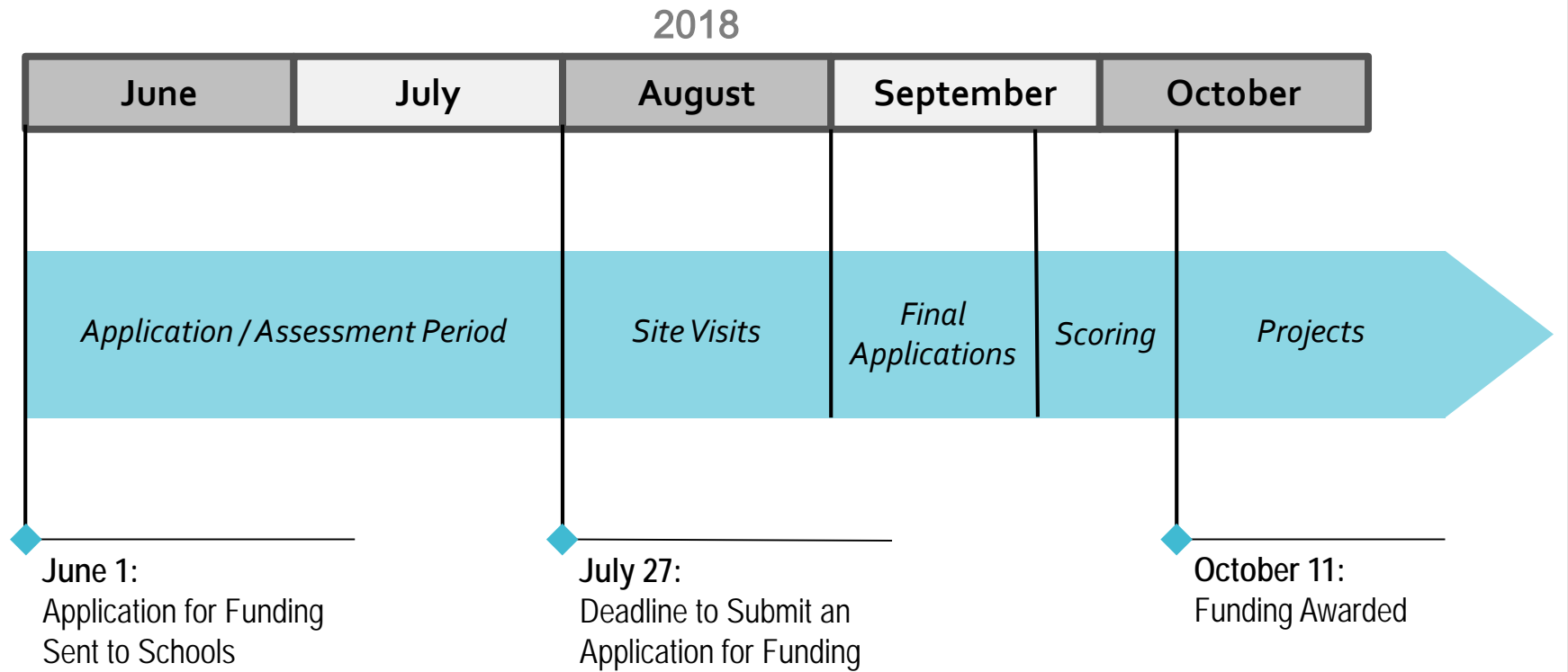
Interior window decals for visual access control



Classroom door lock block

Schedule

Funding Program Schedule



Summary

Summary

- Application for security funding has been sent to all school districts and charters
- Most schools are partnering with local law enforcement to perform school site security assessments
- Number of applications and cost per application will not be known until mid September

Reference Slides

Funding Application Page 1

2018-2019 PSCOC School Security Project Application

All application documents can be found under the “Funding” heading in the index on the top of the PSFA’s home page at www.nmpsfa.org. In addition, please see the PSCOC Proposed Work Plan/Timeline for other key dates during this award cycle.

School security project awards are subject to the following limitations:

- A school district seeking a grant for a school security system project shall apply to the Council on a form that includes an assessment of a school's security system and a statement of opinion by the school district that the project would improve the security of the school's buildings, property and occupants.
- Match requirements per state/local match percentage as of June 2018.
- Sufficient local matching dollars are or will be available.
- Applications will be ranked from highest to lowest based on scoring criteria of the applicant facility.
- The following items are ineligible for funding under this program:
 - School Resource Officers (SROs)
 - Other operational funding related to security
 - Reimbursement of previous expenses
- Expeditious project completion. Awarded projects must be expended within 3 years of the award date.
- Per standard criteria for all PSCOC funding, a current district facility master plan and preventive maintenance plan are prerequisites. The project for which the district is applying for funds should appear in the current district facility master plan or by update to the facility master plan prior to award.

***This application and supporting documents must be submitted in e-Builder by the dates indicated in the PSCOC PROPOSED WORK PLAN/TIMELINE**

For assistance with e-Builder or this Application please contact the PSFA Training team at 505-468-0293 or training@nmpsfa.org.



PSCOC SCHOOL SECURITY PROJECTS FUNDING
2018-2019 APPLICATION

School District: Contact Person:

Address 1:

Address 2:

City: State: Zip: Phone:

Funding Match

District Match [Click Here to Access Your District's Current Match Information](#)

State Match [Click Here to Access Your District's Offset Information](#)

District Offsets

		A	B	C	D	E	F
Priority	Facility Name	FY19 Estimated Total Project Cost	District Match	Offset	Total District Match (District Match + Offset)	State Match	Total State Match After Offset
1		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

I certify that to the best of my knowledge, the information contained in this application is complete and accurate and that the district has the available funds to accommodate the Total District Match including Offsets as represented in Column D above.

Name of Signatory
Superintendent of School District

Name of Signatory
School Board President

Date

Date

Funding Application Page 2

Funding Application Page 3

Requested Project Priority 1

Facility Name:

of FTE @ School:

Please provide a statement regarding: (1) how the project would improve the security of the school's buildings, property and occupants and (2) how the request aligns with the school security assessment completed for the facility (max 1,300 characters):

City and street address or nearest cross-streets:

Select Security Systems	Estimated Cost of Construction/ Installation (excl GRT)
1 Site Fencing (Perimeter or Other Fencing Within the Perimeter)	
2 Manual Vehicle and Pedestrian Gates (see item 22 for automatic)	
3 Vehicle Bollards and Barriers	
4 Site Access Control Building (1 per school or campus)	
5 Exterior site lighting from building exits to parking areas	
6 Exterior site lighting of the staff/teacher parking area	
7 Emergency Notification Systems (radio-ready, intercom and/or multi-hazard alarm system)	
8 Onsite radio communication infrastructure	
9 Exterior door replacement	
10 Exterior door access control system	
11 Rapid entry system key boxes at all primary exterior egress doors	
12 Secure vestibule, 1 per school or campus	
13 Central camera control monitor	

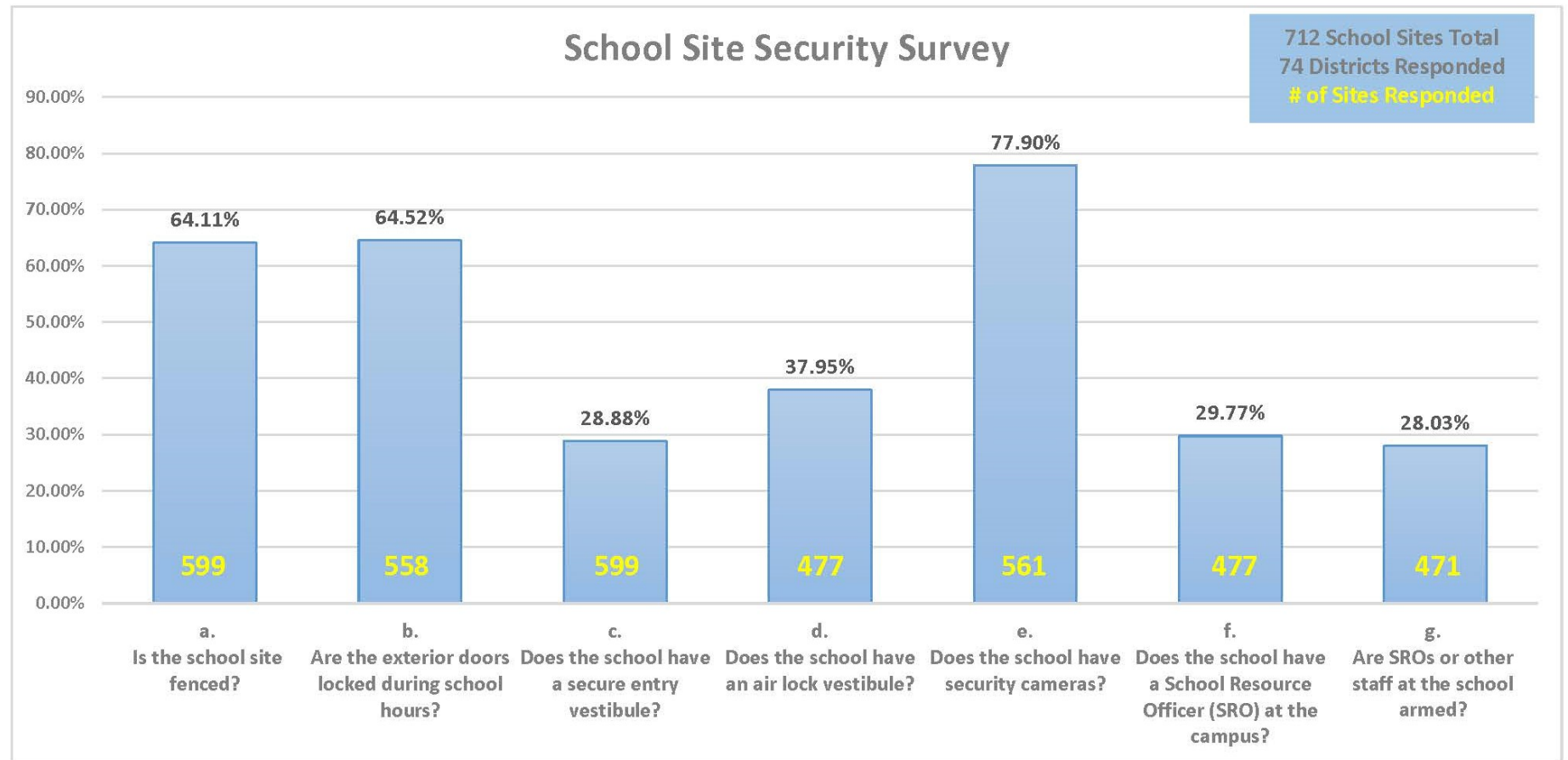
Select Security Systems	Estimated Cost of Construction/ Installation (excl GRT)
14 Interior door replacement	
15 Interior door hardware replacement	
16 Exterior window replacement	
17 Window shades and blinds, manually operated	
18 Window tinting and decals	
19 Impact-resistant glazing materials	
20 Office space (64 NSF) for a counselor or mental health provider, if not already provided	
21 Office space (64 NSF) for an SRO, if not already provided	
22 Automatic vehicle gates*	
23 Security cameras*	
24 Hand-held radios*	
25 Bulletproof glazing*	
26 Gunshot detection systems*	
27 School visitor ID scanner or other access control system*	

*these items may or may not be fully funded

Cost of Construction/Installation	\$	-
Service Fees and Expenses (NMGRT, Architect, Consultants, and contingency) (30% of Total Project Cost)	\$	-
Total Project Cost	\$	-

Statewide School Security Survey

Summary of Statewide Email and Phone Survey Conducted in March 2018

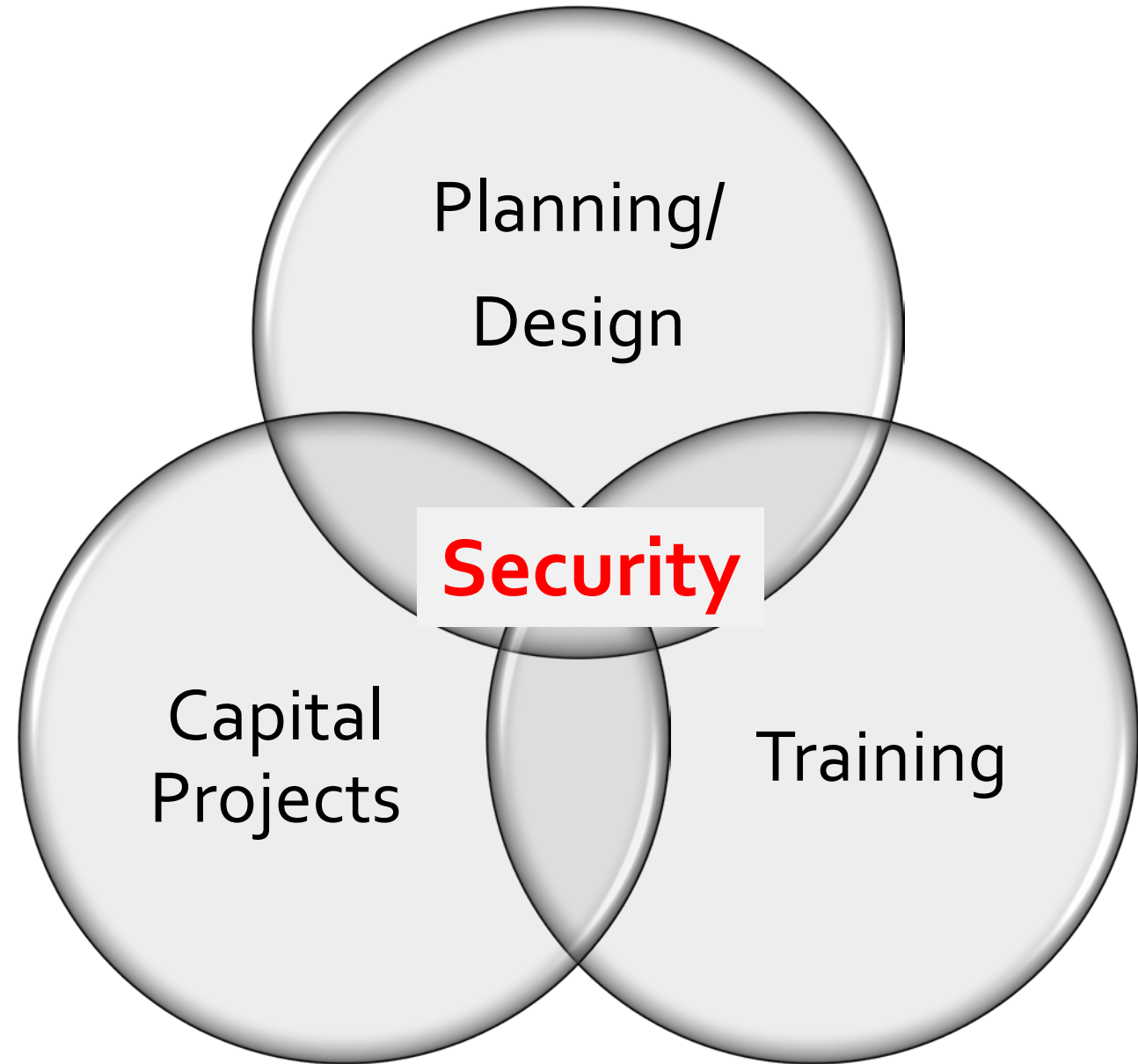


Common security methods in NM:

- Fencing, gates, site access controls
- Secure vestibules, locked exterior doors, cameras
- Interior door modifications, windows, ENS and radio systems
- Intent to make schools secure, but still welcoming, comfortable

Design, Capital, and Training

Need all 3 for comprehensive
school security



Design Considerations for Security Improvements

- Visual access onto the school property from adjacent rights-of-way and neighboring properties
- Consideration for EMS vehicular access onto the school property
 - Fire lane around the back of the school site (as required by Fire Marshal)
- Increased visibility to the main pedestrian entry from Administrative Spaces
 - Locating office spaces near the main entrance with windows to view visitors approaching the building
- Locating ancillary spaces and the administrative offices near the main entry with classrooms further away
- Improved sightlines within the facility to better observe activity
 - Wide, straight hallways to minimize hiding spots
- Providing open vestibule access to restrooms with sinks outside
 - Eliminates the doors and reduces the potential for vandalism and hiding places
- Reducing the amount of glazing in the classroom doors
 - Provides sightline for teacher observations but limits the risk of intrusion
- Consideration for the direction of interior door swings into classrooms
 - Out-swinging classroom doors set in alcoves for improved strength
- Areas of refuge in classrooms via free-standing bookshelves, storage

Capital Projects for Security Improvements

-Currently Funded

- **Site Fencing and Gates**
 - Continuous 6 feet tall chain link fence with pedestrian gates around the entire site
 - Manually operated vehicular gates at driveways
- **Site Access Checkpoints (Guard Shacks)**
 - Participation on a case-by-case basis, typically at High School facilities
- **Emergency Notification System (ENS), Multi-Hazard Alarm System**
 - All system components: control panel, detectors, annunciators, strobes, and pull boxes
- **2-way internal communication device (Radio-ready Intercom system)**
- **Exterior doors with electromagnetic door locks (2 mechanisms per campus)**
 - Typically front and back door with keycard or keypad controlled access
 - Alternatively, both controlled entry devices can be used at a secure vestibule, one at the exterior door and the other on the interior door
 - Keyed locking devices are provided at all exterior doors
- **Secure Entry Vestibules**
 - Prohibit visitors from venturing further into the school
 - Can be open to a reception area or via a transaction type window, or remote controlled
- **Interior doors**
 - Lockable from both sides
 - Quick lock hardware devices for existing doors
- **Manually operated window shades**
- **Semi-transparent glazing for windows, tinting, decals, and/or alternative glazing materials**

Capital Project Examples: Site Fencing, Gates, Guard Shacks, Vehicular Barriers



Vehicle Gate and Guard Shack

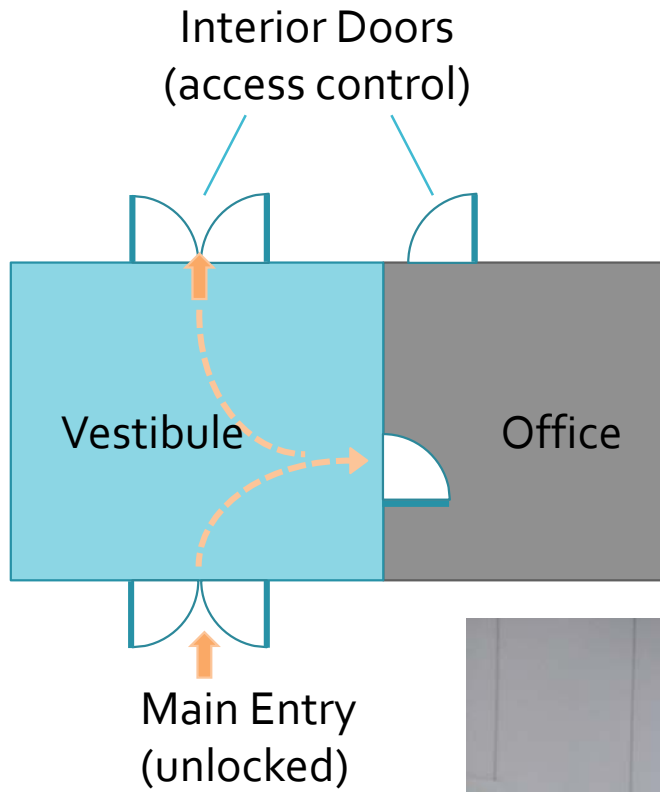


Fencing along the site perimeter

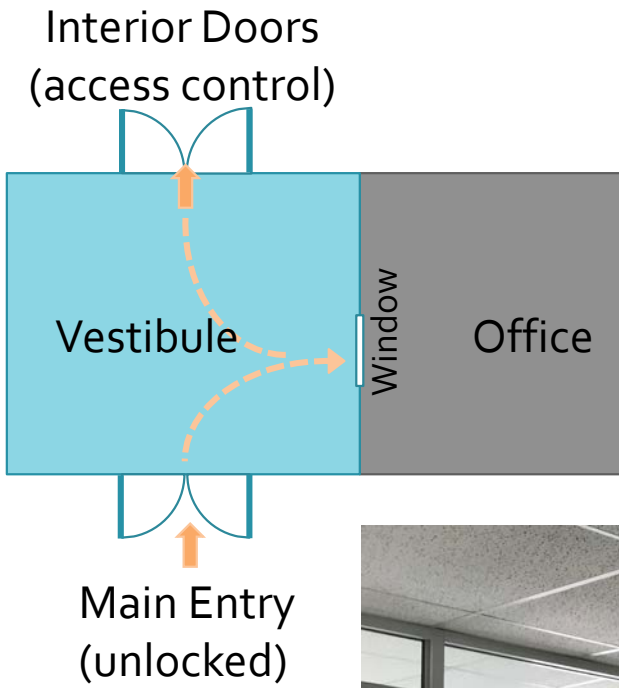


Vehicle Barriers

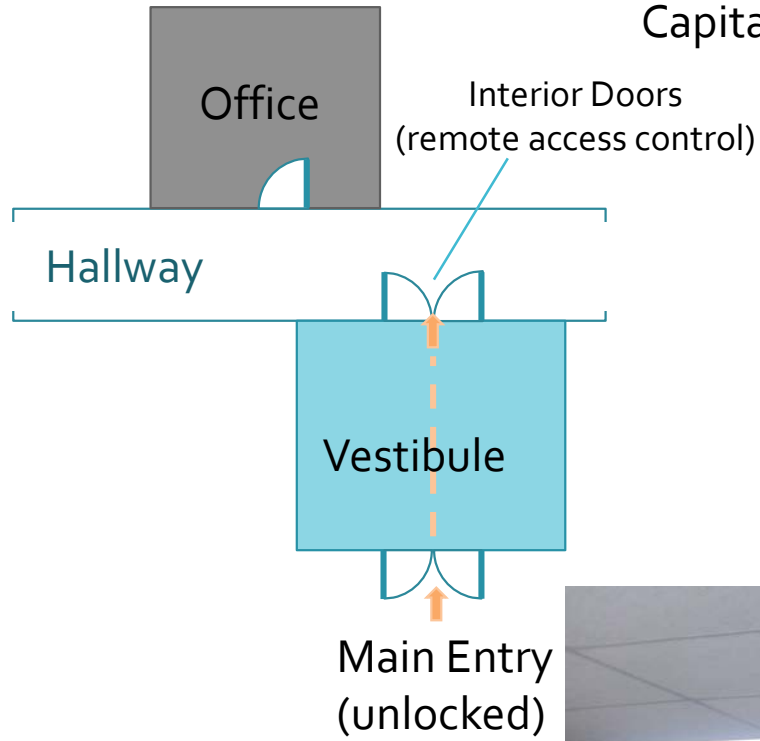
Capital Project Example: Secure Vestibule Type 1 – Walk-in



Capital Project Example: Secure Vestibule Type 2 – Walk-up



Capital Project Example: Secure Vestibules Type 3-Disconnected



Capital Project Examples: Interior Doors and Hardware



Classroom door lock block



Classroom door lock block

Capital Project Example: Window Strategies - Impact Resistance



Decorative window bars

Kalwall window options



Capital Project Example: Window Strategies - Decals



Non-Capital Project Examples: Cameras, Radios, and Other Technologies



Hand-held radio



Security camera

