



Burnsville • Eagan • Savage

Believe, Belong, Build and Become.

Enhancing Student Safety: A Strategic Investment in Our Schools

A Review of Perimeter Fencing and Secure Entrance Initiatives

Stacey Sovine, Executive Director of Administrative Services



Initiative 1: Securing Our Outdoor Spaces with Strategic Fencing

The Goal: Creating Safer Boundaries for Play and Learning

Limit Public Access: Reduce the ability of unauthorized individuals to approach students during school hours on playgrounds and outdoor areas.

Prevent Elopement: Create physical barriers to limit opportunities for students to run into parking lots, streets, or away from campus.



Our Process: A Deliberate and Balanced Approach

Key Points

- **Comprehensive Review:** All elementary sites were visited and reviewed by our team to assess specific needs and vulnerabilities.
- **Targeted Installation:** Fencing additions were planned only where necessary and feasible. Not every site required additional fencing at this time.

Balancing Priorities

We intentionally avoided fully enclosing open spaces and playgrounds to balance three key factors:



Cost Containment

Managing project expenses effectively.



Educational Programming

Ensuring fields and spaces remain usable for curriculum needs.



Community Access

Allowing public use of grounds during non-school hours.

Proposed Fencing Additions: Site Plans (Part 1)



Edward Neill Elementary



Gideon Pond Elementary



Hidden Valley Elementary

Proposed Fencing Additions: Site Plans (Part 2)



Harriet Bishop Elementary



Vista View Elementary

Investment in Perimeter Safety

~\$500,000

Funding Sources

Long-Term Facility Maintenance (LTFM): \$300,000

Capital Funds & Other Sources: \$200,000



Initiative 2: Piloting a Secure Entrance Model

The Driving Question: How to Secure Open-Concept Buildings Affordably?

The Challenge

Addressing safety and security vulnerabilities in our more open-concept buildings in the short term, in a manner that is not cost-prohibitive.

Pilot Program Goals

- **Increase Security:** Immediately improve the safety of a pilot elementary school.
- **Test and Refine:** Pilot a design to measure its impact on daily procedures, true costs, and public sentiment.
- **Develop a Scalable Plan:** Identify a successful model that may be implemented at other sites without requiring new, dedicated funding streams.

Selecting William Byrne Elementary for the Pilot

The Process: Multiple sites were evaluated for viability and impact.

Site Evaluation Summary



School: Sky Oaks Elementary: Considered, but deemed **cost-prohibitive** due to current design.



School: Rahn Elementary: Considered, but also cost-prohibitive due to current design.



School: Neill Elementary: A viable site for future consideration.

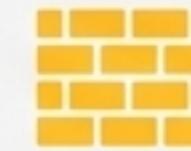


School: William Byrne Elementary (Selected): Chosen as the pilot site because it is a viable candidate and improvements can address current ongoing operational costs.

A Multi-Layered Strategy to Impede and Discourage Unauthorized Access

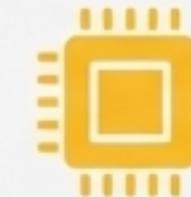
Strengthen key entrances to limit access to the full building, providing critical time for law enforcement to arrive. Our approach layers physical, technological, and procedural changes. Key areas of focus include the front entrance, loading dock, playground entrances, and media center doorways.

Current Conditions: William Byrne Entrance



Physical Hardening

- Replacing current glass windows/doors with cinder brick and hollow metal doors.
- Installing bullet-resistant glass or film in strategic locations.
- Adding a secondary doorway at the loading dock entrance.
- Creating a small, secure meeting space in the front entrance with no direct building access.



Technological Enhancements

- Adding new badge reader access points from the front office into the main building.
- Installing panic buttons in the front office and media center.



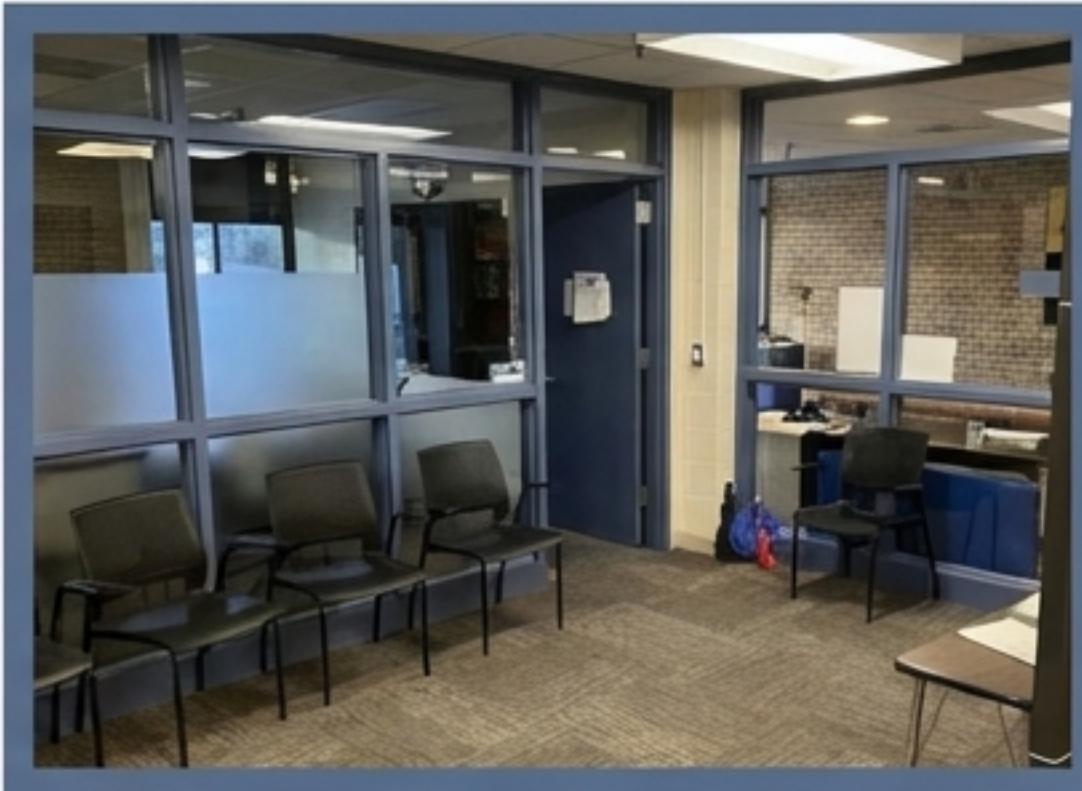
Procedural Changes

- Revising procedures for all school-day visitors to maintain a secure entrance.

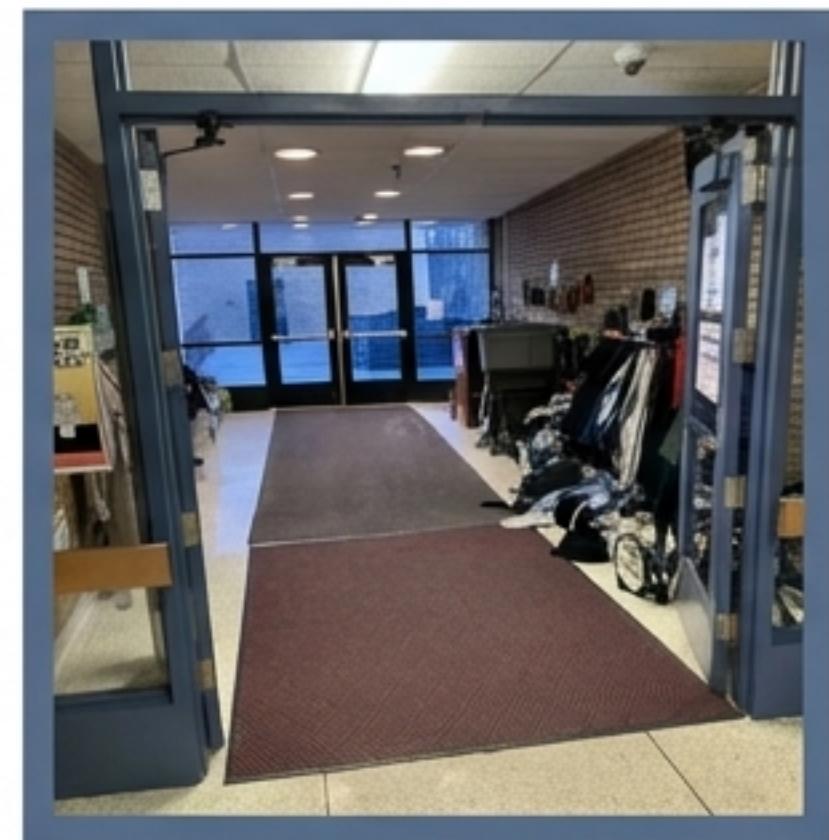
THE STRATEGY: HARDENING THE SHELL

Key Tactics

- 1. The Vestibule:** Replacing standard glass with cinder block, hollow metal doors, and bullet-resistant materials.
- 2. Access Control:** Installing badge readers in front offices; visitors must be 'buzzed' in.
- 3. Emergency Response:** Adding panic buttons in front offices and media centers.
- 4. Meeting Protocol:** Creating isolated meeting spaces so visitors can meet staff without entering the secure perimeter.
- 5. Secondary Entrances:** Hardening loading docks and playground entrances.



Isolated Meeting Space



Secure Loading Dock



Playground Entrance

Appendix: UL 752 Ratings of Bullet-Resistant Materials

This chart outlines the standardized protection levels for materials being considered for the secure entrance pilot, ensuring they meet industry-recognized safety criteria.

PROTECTION LEVEL	AMMUNITION	NO. OF SHOTS
Level 1	9mm Full Metal Copper Jacket with 3. Lead Core	3
Level 2	357 Magnum Jacketed LeadSoft Point 3.	3
Level 3	44 Magnum Lead Semi-Wadcutter 3. Gas Checked	3
Level 4	30 Caliber Rifle Lead Core Soft Point(.30-06 caliber)	1
Level 5	7.62mm Rifle Lead Core Full Metal Copper 1 Jacket, Military Ball (.308 caliber)	1
Level 6	9mm Full Metal Copper Jacket with 5 Lead Core	5
Level 7	5.56mm Rifle Full Metal Copper Jacket with 5 Lead Core (223 caliber)	5
Level 8	7.62mm Rifle Lead Core Full Metal Copper	5

Secure Entrance Financial Investment

~\$800,000

Total Project Cost

LTFM Portion:
\$500,000

Balance (Capital/Operational):
~\$300,000

Strategic Goal: This pilot aims to identify a plan that can be implemented independent of new monies (levies/bonds) in the future.