



COMMERCIAL PROJECT CASE STUDY

# SEAFORD SCHOOL DISTRICT

## Mirrored Safety & Security Window Film Retrofit

Seaford, Delaware

PROJECT SCOPE

| ≈500 SQ FT FILM | ≈480 LF 3M IPA | SCHOOL |
|---|---|---|

**SHORE TINT & MORE**

COMMERCIAL • EDUCATION • SECURITY • PRIVACY

Professional architectural window film solutions throughout Delaware and the Delmarva region.

# A practical retrofit for existing school glazing

Seaford School District needed a way to improve privacy at highly visible cafeteria and hallway windows while also upgrading the performance of the existing glass. Shore Tint & More provided a mirrored safety/security window film retrofit combined with 3M IPA attachment around the treated glazing.

| WINDOW FILM | ATTACHMENT | FACILITY |
|---|---|---|
| ≈500 SQ FT | ≈480 LF | SCHOOL |

## PROJECT OBJECTIVES

- Add a mirrored appearance to help limit direct visibility through cafeteria and hallway glazing.
- Improve the existing window system without the disruption of a full glass replacement project.
- Use a perimeter attachment approach to help keep the filmed glass system better retained after breakage.
- Create a more practical, budget-conscious retrofit path for an occupied school environment.




*Shore Tint & More on site in Seaford, Delaware.*

WHY A RETROFIT APPROACH?

## Improve existing windows without replacing every lite of glass.

For many schools, the question is not whether the existing glazing could be improved - it is how to improve it without turning the project into a major window replacement. A properly selected film-and-attachment retrofit can offer a more manageable path when the project goal is privacy, glass retention, and an upgrade to existing glazing rather than full replacement.

# The challenge

Large interior-facing and exterior-facing school windows can create visibility concerns in spaces where students gather throughout the day. At the same time, older glazing may not provide the level of retained-breakage performance a district wants from a modern retrofit.



## THE PROJECT NEEDED TO BALANCE

- Privacy in cafeteria and hallway areas
- A stronger retained-glass retrofit strategy
- Use of the existing window assemblies
- Reasonable installation disruption
- A more economical path than broad glass replacement

SHORE'S STRATEGY

## Mirrored film + perimeter attachment

The mirrored film addressed the school's visual-privacy objective while the 3M IPA perimeter attachment became part of the retained-glass retrofit strategy. The intent was to upgrade the existing glazing system rather than remove and replace all of the windows.

### Important application note

Reflective privacy performance depends on lighting conditions. Mirrored film is most effective when the viewed side is brighter; it should not be described as absolute two-way privacy under every lighting condition.

# Retrofit scope

The project combined a reflective safety/security film with perimeter attachment on selected school glazing. The finished system was intended to provide visual privacy while improving how the filmed glass is retained if it breaks.

01

### Mirrored Window Film

Reflective appearance selected for privacy-oriented school glazing and a more controlled visual environment.

02

### 3M IPA Attachment

Approximately 480 linear feet of perimeter attachment incorporated into the retrofit around the treated window system.

03

### Existing Glazing

The retrofit approach preserved the existing windows, reducing the need for broad removal and replacement.

TECHNICAL POSITIONING

## A safer retrofit - not a claim of "bulletproof" glass.

Safety/security film and attachment systems are designed to improve glass retention and system performance after breakage. They should be specified and described according to the film, glass type, attachment, test standard, and project objective. This case study does not represent the retrofit as ballistic glazing.

# Installed in an active school environment

Commercial school projects require more than simply applying film. Access, occupant movement, interior protection, equipment placement, glass preparation, perimeter detailing, and work sequencing all influence the final result.



*Installation work at school cafeteria / hallway glazing.*



*Film and attachment retrofit performed from the interior.*

## INSTALLATION PRIORITIES

- Protect surrounding school finishes and occupied areas.
- Prepare older glazing thoroughly before film application.
- Maintain consistent film appearance across adjacent lites.
- Complete perimeter attachment cleanly and continuously where specified.
- Leave treated areas clean, presentable, and ready for normal school use.

# A stronger, more private use of existing glass

The Seaford School District project shows how architectural window film can solve more than one problem at once. The retrofit addressed privacy in high-visibility school areas while adding a retained-glass strategy to existing windows - without converting the project into wholesale glazing replacement.

**PRIVACY**
**Mirrored appearance**

**RETROFIT**
**Existing windows**

**ATTACHMENT**
**≈480 linear feet**

## Where this approach may fit

- School cafeterias, corridors, entry areas, and administrative spaces
- Existing glazing where privacy and glass-retention objectives overlap
- Districts exploring retrofit options before committing to replacement glazing
- Occupied facilities that need phased, lower-disruption improvements

**COMMERCIAL PROJECT?**

### Start with a site survey.

Shore Tint & More provides commercial window film consultation, glass review, budget pricing, specifications, samples, and installation.

## SHORE TINT & MORE

**COMMERCIAL ARCHITECTURAL WINDOW FILM**

Serving Delaware and the Delmarva region

delawarewindowfilm.com

Request a commercial site survey or project consultation.