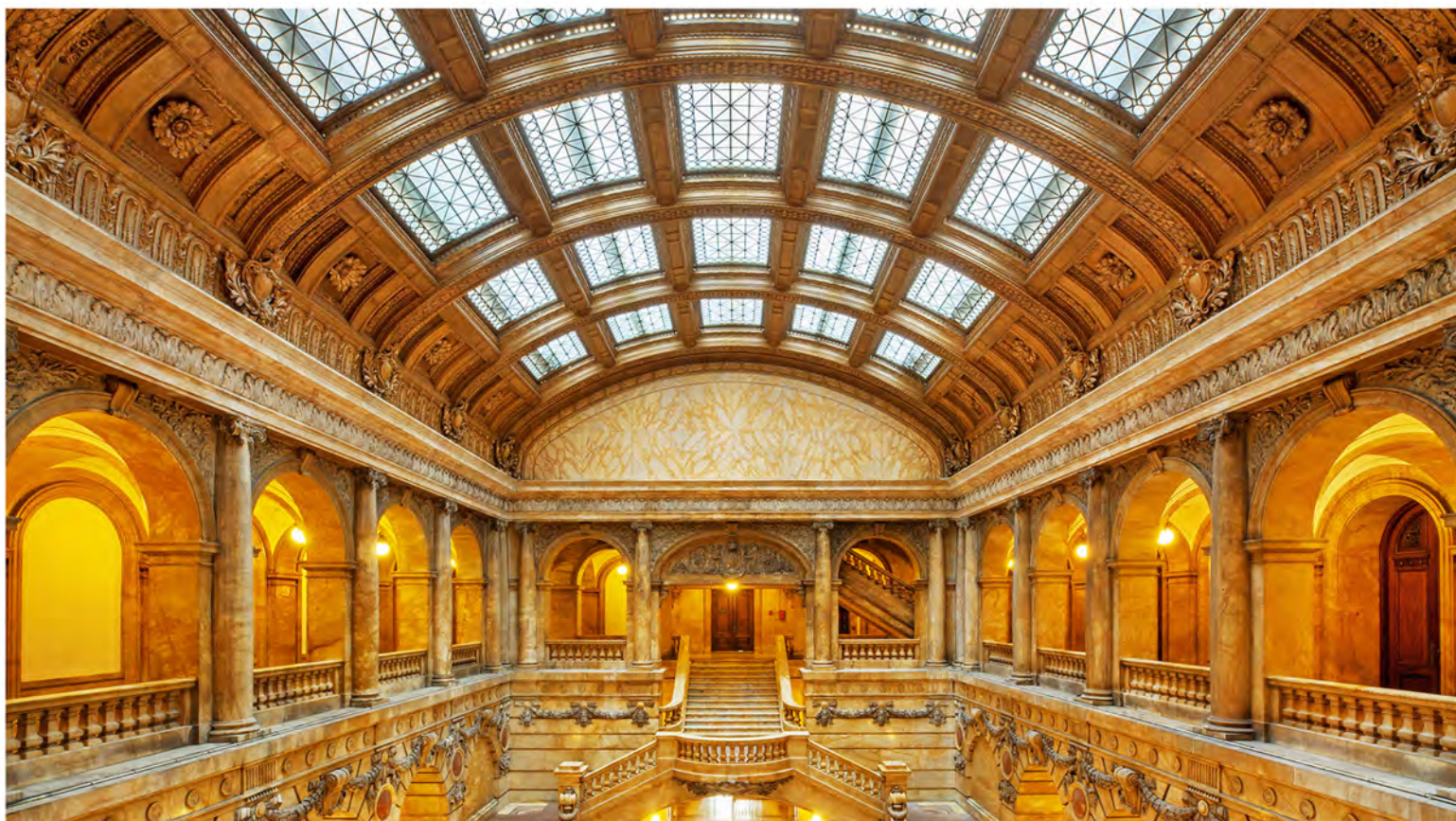


CASE STUDIES

2020 NEWSLETTER
BOVARD STUDIO
STAINED GLASS



SURROGATE COURT HOUSE, MANHATTAN, NY

The past few years have brought numerous exciting projects in stained glass to Bovard Studio. Our projects in restoration and new windows span across traditional and contemporary styles. Many involved special challenges that required skilled coordination between our frame shop, production, design, and field. This year, we welcome our new president, Burt Chojnowski, to the team!

Bovard Studio restored the art glass for the recipient of the prestigious 2020 Lucy G. Moses Preservation Award for work on the Surrogate Court House in Manhattan, NY. Bovard Studio fully restored the Beaux-Arts art glass lay lights, an important element to this National Historic Landmark and backdrop for a number of films and commercials. Bovard carefully selected glass replacements to match the texture and translucency of the original and executed a much-needed releading from water damage that began in the 1990s.



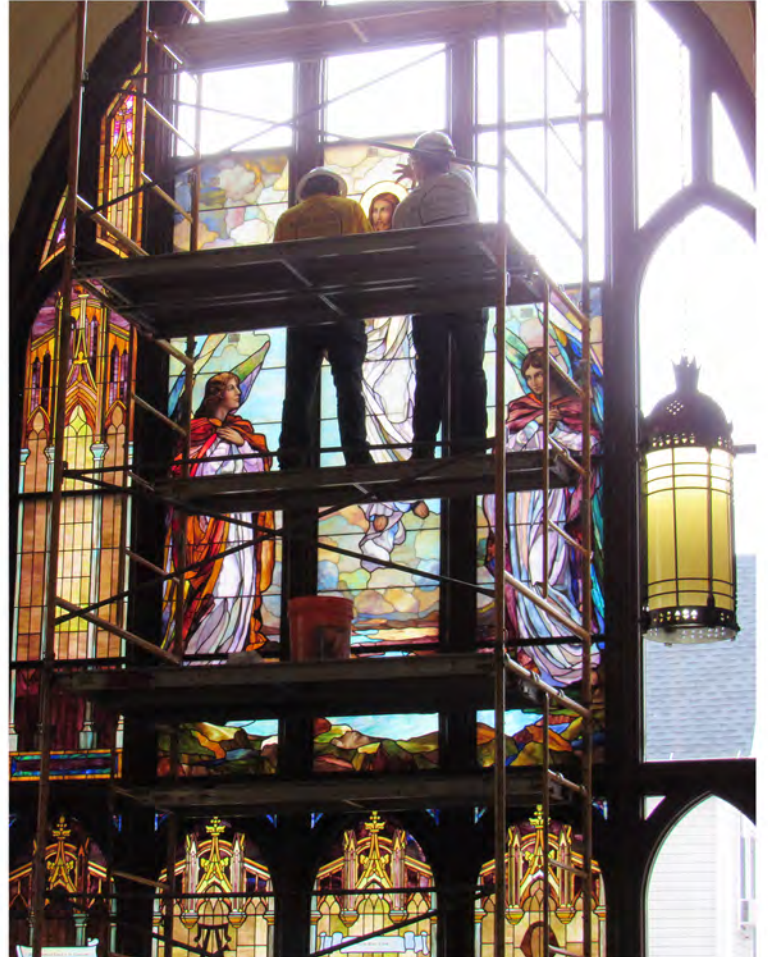
BEFORE



PRESBYTERIAN CHURCH OF THE CROSSROADS
BROOKLYN, NY



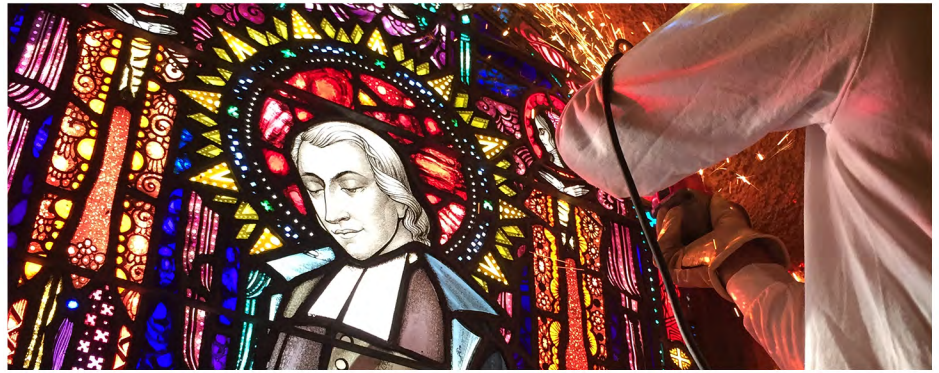
The Brooklyn, NY Presbyterian Church of the Crossroads was damaged by a fire on the block. Their "Ascension of Christ" stained glass window was destroyed from the exterior. Bovard Studio was contracted to salvage the broken window, which was used to match the historic glass for the recreation of this magnificent window. The Ascension window was designed to recreate the plated Tiffany style stained glass and frame designed by Frederic Lamb, a former Tiffany Studio employee.



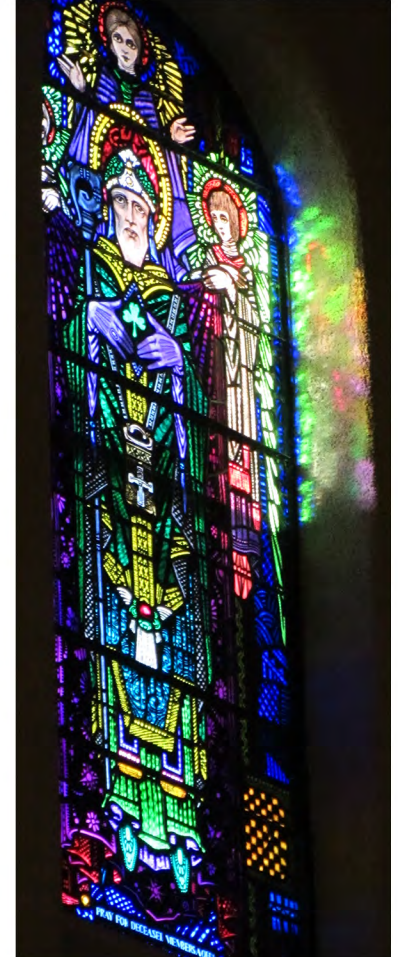


Westminster Presbyterian Church in Waterloo, IA chose to have a contemporary spin on the new stained glass windows for their church. Designs flow seamlessly through the nave's tall, thin existing window openings with S4000 series frames, creating an overall panorama of Christ's birth and Creation. Westminster is one of our repeat clients with other contemporary stained glass windows featured in their church like those below.





Sacred Heart Parish holds a special treasure: stained glass windows by the famous Irish artist, Harry Clarke. This notable artist also illustrated the Fairy Tales of Hans Christian Andersen (1916) and Edgar Allen Poe's famous Tales of Mystery and Imagination (1919). Harry Clarke transformed traditional stained glass into a contemporary art form. With his unique vision, he used traditional techniques to manipulate light into sparkling jewels of design. American installations are extremely rare and we were privileged to restore and protect these magnificent windows

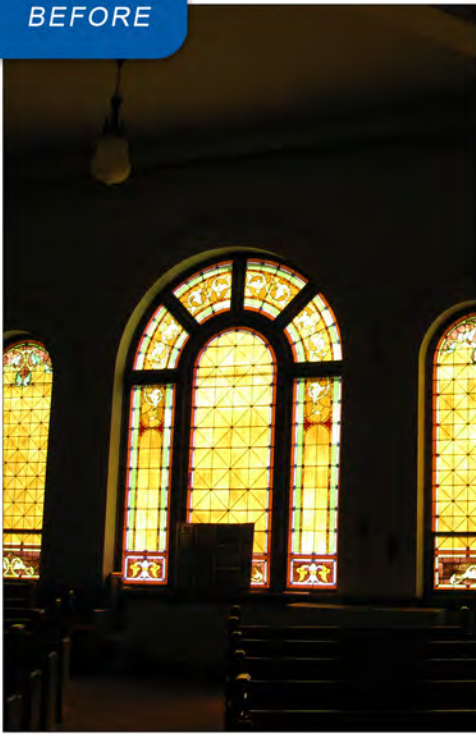




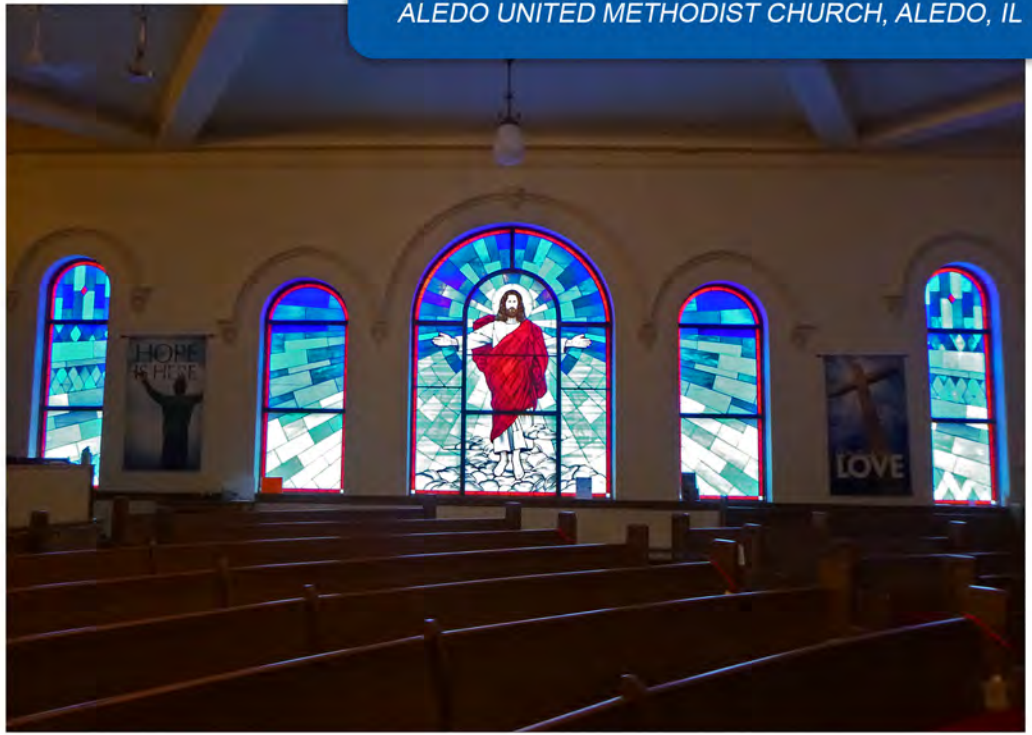
After years of leakage problems, Bovard Studio restored and reset Curé of Ars' fully painted stained glass windows into custom-made, narrow profile S3250 frames as an energy efficient and weather-proof solution. The new frame system sits neatly within the stone and glass so that the original art and architectural features could be viewed as originally intended. Not only is the restoration visually pleasing, it also provides protection from sound, temperature, and weather.



BEFORE



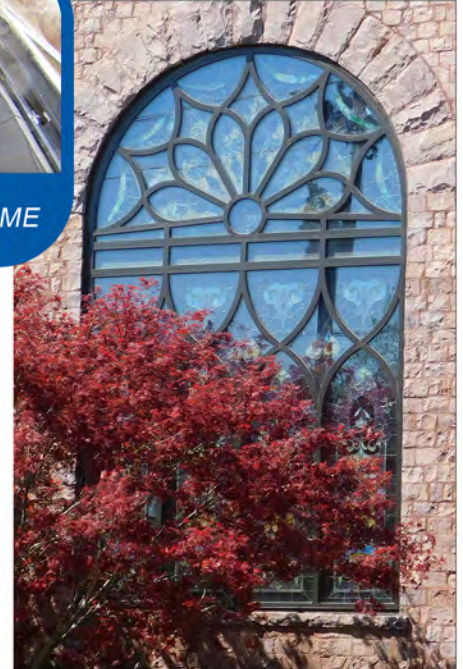
ALEDO UNITED METHODIST CHURCH, ALEDO, IL



Aledo United Methodist Church decided to change their predominantly amber worship space. The congregation selected a heavenly blue for their new stained glass heritage that creates a spiritually uplifting space for worship and prayer. At the same time, they replaced their wood window frames with new vented, high-efficiency thermal barrier window frames with exterior insulated glazing. They added interior wood trim to match the molding in the rest of their sanctuary.



ROTTED PLYWOOD FRAME



ABINGDON UNITED METHODIST CHURCH
ABINGDON, IL

Abingdon United Methodist Church had a new wood replacement frame made for their great front window. The initial replacement frame was made from plywood and fell apart in a decade. The second replacement frame, purchased from Bovard Studio in 2017, is our US Patented aluminum 4000 Series thermal-barrier frame designed for the preservation of stained glass with insulated glass. The original restored stained glass was installed into the new frame to match the interior of the church. The new frame will last for generations to enjoy Abingdon's stained glass heritage.



St. Leo's purchased three new stained glass windows designed to complement and match the style of their historic stained glass heritage. Special attention was made to match the border and scroll elements of the existing windows, including the subtle hues in glass color. Heavily painted matting and vibrant colors were a key component of these fully painted windows.

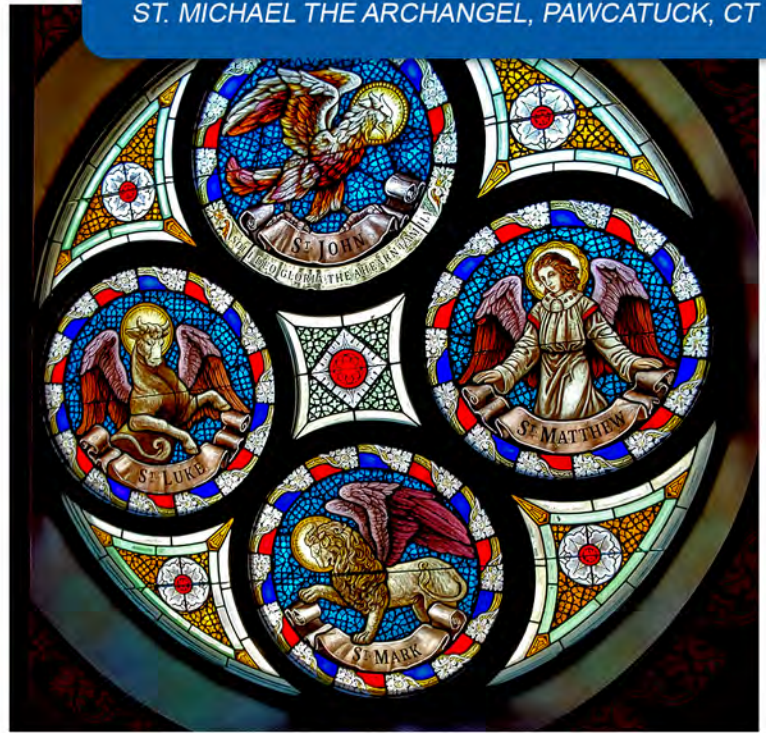
EXISTING WINDOW



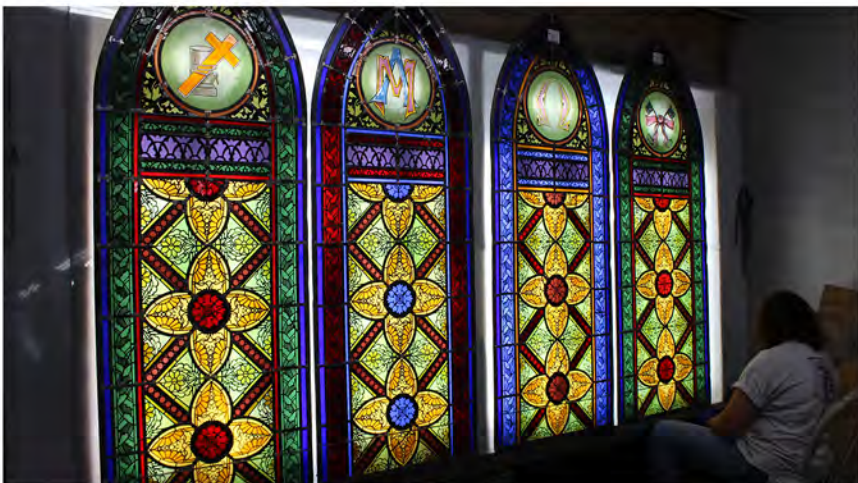


Due to the level of deterioration, new wood frames were needed for the stained glass windows receiving full restoration from St. Mary. The new frames emulated the original frame profiles & mullion thicknesses, but with the benefit of insulated glass units with proper ventilation. Boarded up sections of the old frame were found to be missing their stained glass panels, so new stained glass panels were designed for them. The new stained glass panels match the original stained glass panels in style, glass color, and paint application for the artwork.





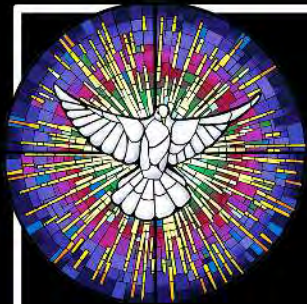
The deterioration of St. Michael's church building in Pawcatuck, CT made rebuilding the facility on the original foundation the best choice for the congregation. Coordinating with the architects and general contractor's facilitating the massive rebuild, new 4000 series frames, including operable hopper ventilators, were designed to maximize the design intent of the historic stained glass being restored. Bovard had the privilege of enhancing the worship space by creating new stained glass windows that pay tribute to the motifs and symbols from the originals and existing windows.



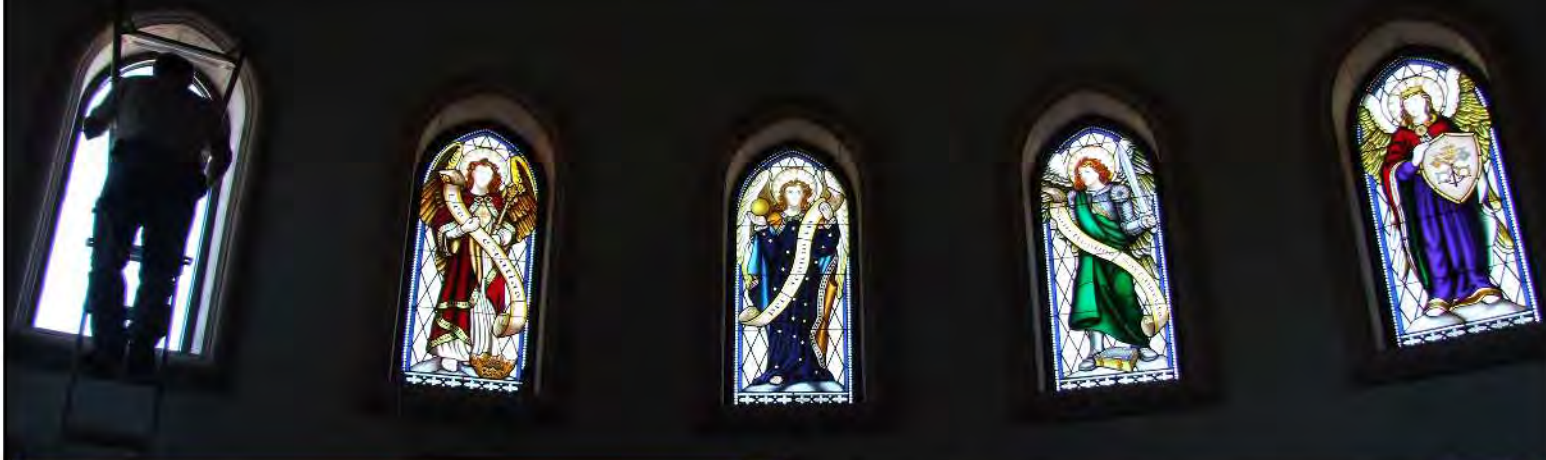


The full restoration of the stained glass windows from St. Brigid Church in Westbury, NY was both challenging and rewarding. These fully painted windows were comprised of glass of varying thicknesses (some resembling Norman slab glass) using wide lead comes. The stained glass was removed and reinstalled into the original cast stone frames. Properly vented new 1430 series framing with plexiglass protective glazing completed the restoration and protection of these historic windows.

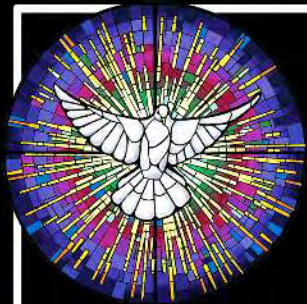




Newsletter 2016
BOVARD STUDIO, INC.
Our Lady of Solitude Monastery
Tonopah, Arizona



Our Lady of Solitude Monastery in Tonopah, Arizona, just 50 miles from Phoenix, selected Bovard Studio, Inc. to create their new stained glass heritage. Bovard Studio designed, fabricated and installed 37 new stained glass windows and vented thermal barrier window frames with insulated glass designed for the preservation of stained glass windows (Bovard Studio US Patent #7,607,267 B2). See the two videos the nuns created of the installation on our website's YouTube channel at www.bovardstudio.com.

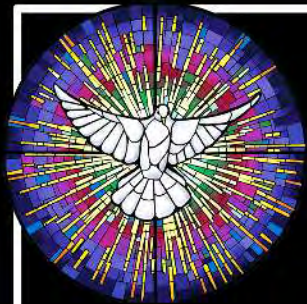


Newsletter 2016 BOVARD STUDIO, INC.

Church of the Immaculate Conception
St. Mary of the Woods College
St. Mary of the Woods, IN



Church of the Immaculate Conception St. Mary of the Woods College, St. Mary of the Woods, Indiana. In phases over 10 years, Bovard Studio, Inc. restored their stained glass heritage adding our vented US Patent #7,607,267 B2 protective covering system designed for the preservation of stained glass windows and replaced their tower louvers and windows. The total project restored 86 windows and 8 large louver sets. It was a privilege for Bovard Studio to restore and preserve their stained glass heritage.

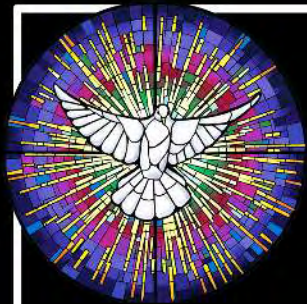


Newsletter 2016
BOVARD STUDIO, INC.

Holy Trinity Center Chapel
Seminary for the Archdiocese of Denver
Denver, CO



Archbishop Samuel Aquila of Denver purchased 6 new stained glass windows from Bovard Studio for his Holy Trinity Center Chapel. Bovard Studio had previously designed, fabricated and installed the new stained glass heritage for the Spirituality House Chapel in the seminary for the Archdiocese of Denver.

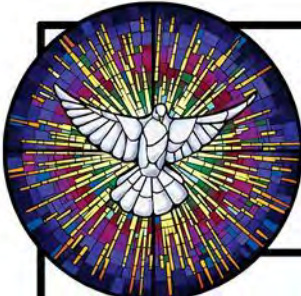


Newsletter 2016
BOVARD STUDIO, INC.

St. Mark's Episcopal Cathedral
Shreveport, LA



St. Mark's Episcopal Cathedral, Shreveport, Louisiana - Bovard Studio, Inc. fabricated and installed new laminated exterior vented storm glazing for all of their stained glass heritage and repaired their stained glass windows. Using Bovard Studio US Patent #7,607,267 B2 vented exterior glazing system designed for the preservation of stained glass windows, we cut the laminated glass into complex shapes matching the stone tracery, maintaining the original architectural beauty of the church.



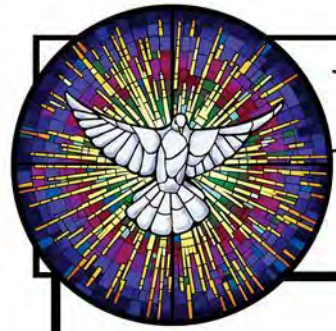
BOVARD STUDIO, INC.

Welcome to the 2015 Newsletter



St. Isidore Church ~ Danville, California

Bovard Studio is completing 12 new 81" wide by 88" high stained glass windows with pairs of saints with new thermal barrier vented frames (Bovard Studio US Patent #7,607,267 B2) designed for the preservation of stained glass windows with tempered laminated insulated glass exterior glazing for earthquake code. In addition, Bovard Studio artists created a new 228" wide by 290" high St. Isidore window over the narthex entrance with new interior window frame.



BOVARD STUDIO

STAINED GLASS



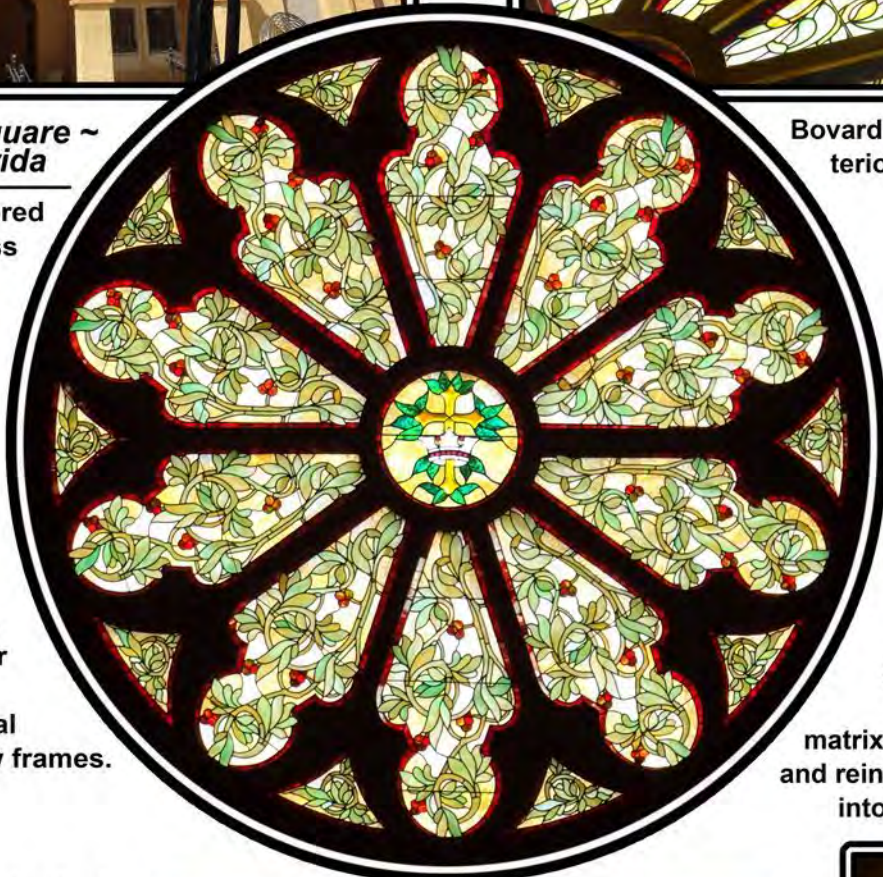
Butte-Silver Bow Courthouse ~ Butte, Montana

For this restoration project, Bovard Studio craftsmen set up scaffolding and fabricated a plastic enclosure with a HEPA filtration system so the courthouse could safely maintain normal operations during the restoration process. The restoration included disassembling the stained glass dome's panes of glass from the lead and steel matrix, cleaning and repairing the stained glass panes and reassembling the stained glass panes in a new lead matrix and steel reinforcing system. Once the panes were cemented into the new lead matrix, the restored panels were installed into the stained glass dome's structure.



**Church on the Square ~
The Villages, Florida**

Bovard Studio restored their 14 stained glass windows and fabricated new thermal barrier vented frames (Bovard Studio US Patent #7,607,267 B2) designed for the preservation of stained glass windows with laminated insulated glass engineered for wind load codes replacing the original rotted wood window frames.

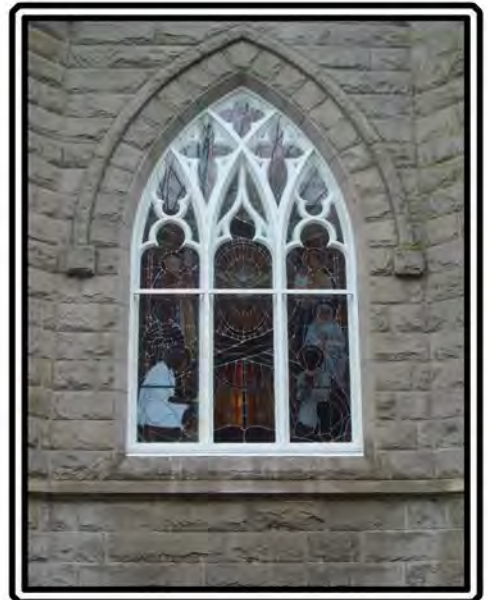


Bovard Studio fabricated oak interior wood casings covering the aluminum window frames to match the historic wood interior of the church. The stained glass restoration included careful documentation of the historic stained glass, drafting patterns of the stained glass, disassembly of the stained glass, cleaning the stained glass and rebuilding the stained glass window with a new conservation grade lead matrix, adding steel reinforcing and reinstalling the stained glass into the new window frames.



Fractured stained glass repair.





Holy Rosary Cathedral ~ Vancouver, British Columbia

Bovard Studio artists created a new stained glass window matching the style and quality of Holy Rosary's historic stained glass windows picturing five saints:
 Top left - St. Gianna Molla, Mid left – Mother Teresa, Bottom left – St. Pedro Calungsod,
 Top right – Pope St. John Paul II, Mid right – St. Kateri, Bottom right – St. Juan Diego.
 We restored and painted their wood window frame and fabricated and installed new vented exterior glazing designed for the preservation of stained glass windows (Bovard Studio US Patent #7,607,267 B2).



BOVARD STUDIO INC

Welcome to our first 2014 Newsletter



Bovard Studio's 45,000 square foot production studio sits on 20 acres just off the exit ramp of a 4 lane highway connecting Bovard Studio to all of America.

As owner, I would like to welcome you to the Bovard family stained glass business.

I started in 1971 as an independent artist and had my first art show at Carnegie Museum in 1972. I enjoyed a career as an independent artist and art director for 14 years before starting Bovard Studio Stained Glass.

Since July 1st, 1985, Bovard Studio Stained Glass has grown from myself to a staff of over 70 employees. Bovard Studio's artists and craftspeople embody some of the finest stained glass talent of our time. Bovard Studio's art department has attracted and employs artists, painters and designers from around the world. Bovard Studio's fabricators, restoration staff and installers have diverse backgrounds and skills as rich and varied as our artists. The majority of our staff is from the United States but we are truly fortunate to have talented artists who have joined Bovard Studio from around the world.

At Bovard Studio, groups of artists are organized to collaborate on our projects. We have seen that when groups of artists work together every day on projects, their artistic skills and talents grow and flourish more rapidly than one would have thought possible when working individually. It has been an inspiration watching the growth of our artists and craftspeople at Bovard Studio. They have worked hard perfecting and reviving the traditional art of stained glass and have added to our craft and to the preservation of America's stained glass heritage. We have invented an innovative framing and glazing system designed for the preservation of stained glass windows for, which we have been awarded a US patent.



▲ *Ron Bovard in 1993 at St. Mary of the Angels, Chicago stained glass restoration project specified by Holabird and Root Architects.*

Bishop Charles E. Blake with Ron Bovard and daughter Tess at the 2000 dedication service for The West Angeles Cathedral, Los Angeles, California. ▼



Greg Bovard ► with one of The West Angeles Cathedral, Los Angeles, California stained glass panels in 2000.





BOVARD STUDIO

STAINED GLASS



A new St. Mary's Catholic Church was built in Fairfield, Iowa and dedicated on January 6th, 2013.

Bovard Studio designed 53 window frames to hold stained glass and energy efficient insulated exterior glazing designed for the preservation of stained glass windows (US Patent #7607267).

Sections of the windows in the old historic St. Mary's Church were used in some of the new windows designed to complement the Munich style of St. Mary's historic stained glass heritage. In November, Bovard Studio completed and installed the four main nave stained glass windows - Mathew, Mark, Luke and John with all new painted stained glass, showing skill in the artwork of the traditional full figure saints while creatively composing the symbolic attributes and addressing the environmental need for natural light. Bovard Studio has built St. Mary's new stained glass heritage as funds are raised. The only remaining windows left for a future project are the clerestory windows.



▲ Narthex of St. Mary's Catholic Church, Fairfield, Iowa



▲ *St. Luke's UMC, Dubuque, Iowa north side nave windows.*

◀ *One of Louis Tiffany's finest – the Good Shepherd window displayed at the 1893 Columbian Exhibition.*



▲ *Job window by Louis Tiffany.*

St. Luke's United Methodist Church in Dubuque, Iowa is one of an estimated ten churches to have a complete set of stained glass windows by Louis Tiffany. They are unique even among these ten churches as their stained glass heritage consists of one of Louis Tiffany's earliest windows, the Job window and windows from all periods of Louis Tiffany's stained glass career to one of his last windows, the Song of David. Bovard Studio was awarded the restoration contract for the first set of windows in 1998 and is now completing the sacristy window, the last window in the main worship area of the church. The stained glass windows of St. Luke's are being restored by the members of St. Luke's as donors step forward to preserve their priceless stained glass heritage by Louis Tiffany. They have over 100 Tiffany windows including the classroom windows which are the next phase of this project. Their Good Shepherd window which Louis Tiffany exhibited in the 1893 Columbian Exhibition is an example of his best work. This was one of the first Tiffany windows of St. Luke's restored by Bovard Studio.



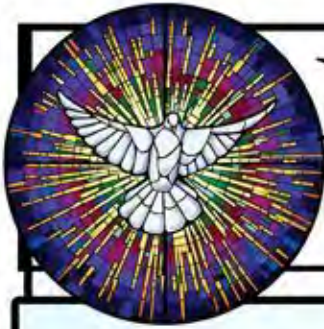
◀ *After repair and restoration.*

Before repair and restoration. ▶



The Buckhannon, West Virginia First United Methodist Church had a serious problem; their stained glass dome was failing. Several years ago pieces of glass actually fell into the sanctuary some 40' below due to serious structural problems. Our professional evaluation identified issues of structural weakness in the reinforcement, the leading and the frame. To complicate things, this dome had a double radius shape and special forms would have to be constructed for restoration of the panels. In addition to completely disassembling the entire skylight, we cleaned, repaired the glass, replaced the 100 year old lead and designed a more compatible reinforcement system that would both complement the design and support the windows for generations to come. The photos show the before, in process and completed project where church families for generations can gather below and worship together in confidence and beauty. When we completed the skylight, the church again commissioned us to restore the large fully painted Prodigal Son window overlooking the sanctuary. We restored the wooden frame and completely restored the stained glass window which was leaking and destroying the interior plaster.





BOVARD STUDIO

STAINED GLASS

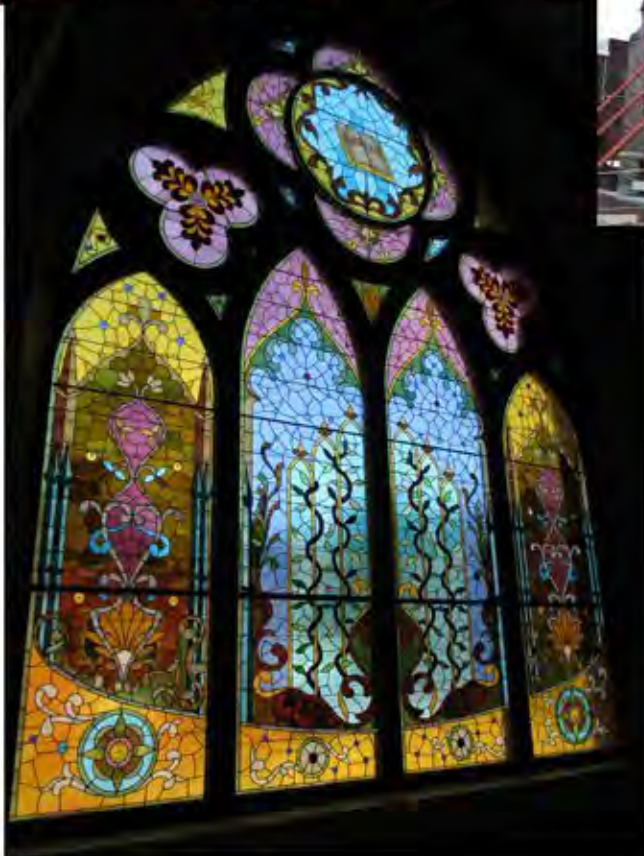


We began work on the First United Methodist Church in Burlington, Iowa after a devastating fire that left nothing but the masonry walls and a few small stained glass windows boarded up behind the organ. Very little original material remained to replicate, so photos and our over 300 years of combined journeyman experience were put to use. In our own full-service frame shop, we fabricated and installed over 215 wood frames, replicating the original look with modern function. We have also replicated and installed most of the stained glass sanctuary windows and are now in process of replicating the remaining classroom windows. To obtain the best glass selection, months of research and exhaustive pursuit of material was required before suitable matches were found. This type of pre-production research and planning is necessary for this type of historic project and the results are very satisfying for our team and the communities we serve.



◀ *Remains after devastating fire.*

After restoration by Bovard Studio Inc. ▼



BOVARD STUDIO INC.

January 2013 Newsletter

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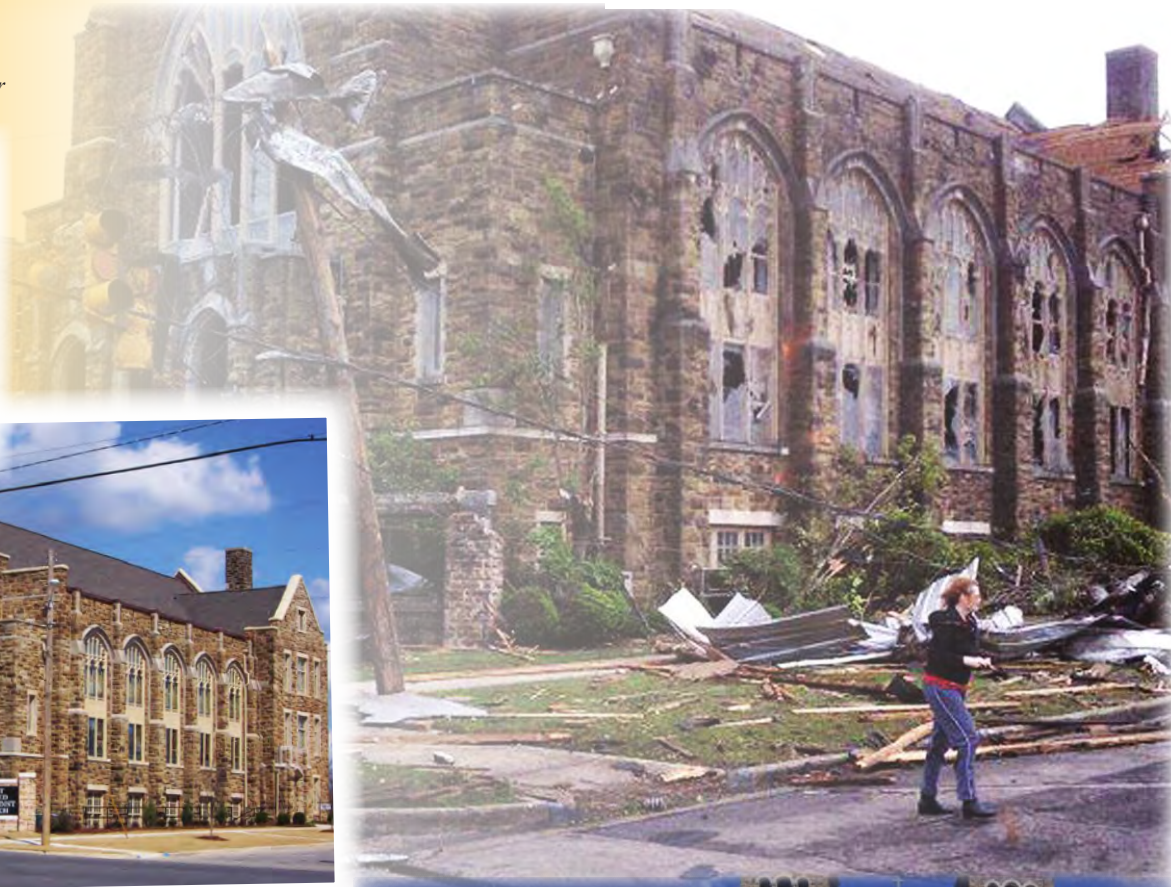
Ronald, Frances and Gregory Bovard receiving an award for supporting the Conference for Catholic Facility Management from Episcopal Moderator Most Reverend Roger J. Foys, D.D. Bishop of Covington, Kentucky at the 2012 CCFM Conference (above).

We have been blessed with many opportunities to create and preserve America's religious and public stained glass heritage. Bovard Studio Inc. completed over 100 public and religious stained glass window projects in 2012.

Some of our special 2012 projects include:

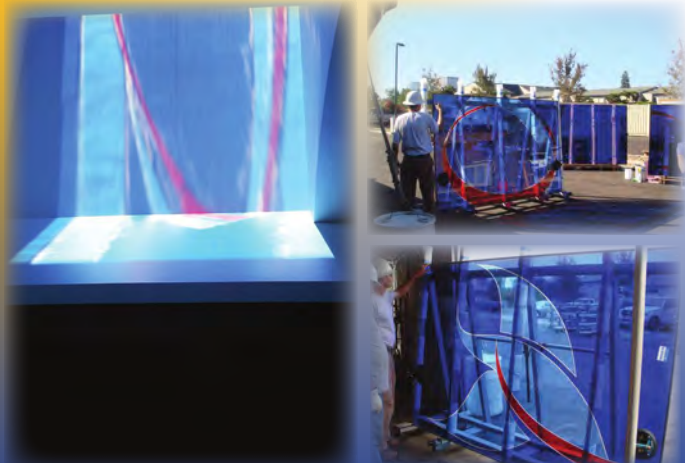
First United Methodist Church, Cullman, Alabama

Photos of tornado damage before and after restoration by Bovard Studio.



Sacred Heart Church, Cullman, Alabama

We were blessed with the opportunity of creating, preserving and restoring 4 projects in Cullman, Alabama in 2012. First Baptist Church and First United Methodist Church (above) were damaged in the 2011 tornado that struck Cullman, Alabama. Sacred Heart Roman Catholic Church (right) and Christ the King Monastery survived the tornados unscathed and purchased new stained glass windows and window frames from Bovard Studio Inc.



Our Lady Queen of Angels, Newport Beach, California



Bovard Studio designed, fabricated and installed 12 new stained glass windows and frames in the historic style of Sacred Heart's historic stained glass heritage and restored and added protective covering to their existing stained glass windows (above).

Our Lady Queen of Angels, Newport Beach, California selected Bovard Studio Inc. to fabricate 14 large new stained glass windows using a lamination technique. We laminated the stained glass to high energy efficient Low-E and special clear Starphire® insulated glass units. This avant garde design projects the light from the stained glass windows onto the church's highly reflective artisan plaster walls into their worship space (left).

BOVARD STUDIO INC.

January 2013 Newsletter

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Our Lady of Victory Roman Catholic Church Floral Park, New York

An example of our creation of new stained glass windows in traditional styles to match historic stained glass windows is a project we completed for Our Lady of Victory Roman Catholic Church in Floral Park, New York. Bovard Studio designed, fabricated and installed eight new stained glass windows to match the historic style of their thirty-seven existing stained glass windows restored by Bovard Studio. New stained glass windows are pictured here.



One of this year's government stained glass dome restoration projects is the Washington County Courthouse in Washington, Pennsylvania (above).



First Baptist Church of Bloomfield, New Jersey; An example of one of our historic wood replacement frames and Bovard Studio restored stained glass windows (above).
Bloomfield, New Jersey.

I want to thank all of our customers and employees for our 27th consecutive successful year of creating and preserving America's stained glass heritage.