



**BUILDING CONTRACTOR: COGUN INDUSTRIES, N. Lima, OH**  
**SOUND CONTRACTOR: MELSOUND, Ltd, Cleveland, OH**

This new sanctuary was built to accommodate a growing congregation in the Brunswick Area. The new sanctuary, which was completed in March of 2002, holds 400 people and includes a state of the art sound and two video rear projection systems.

A 7 ft. x 9.5 ft rear projection screen was selected to ensure that everyone could clearly see the information displayed on the screens. Since the required distance from the projector to screen was not available, a fixed mirror and projector mounting system was employed. Sources include VHS, DVD and computer generated images.

The sound system consists of four overhead speakers for the congregation, two speakers for the choir and several in-ceiling speakers for the gather space and auxiliary areas. We utilized our EASE acoustic software to construct a computer model to assess the acoustical properties of the church as well as to carefully choose the speakers and speaker placement. These speakers would need to adequately cover the congregation area, but limit the energy directed at the wall or ceiling areas of the church. The system also has a unique patch system that enables the operator to feed the critical microphones to either the large mixing console for larger services or to a small automatic mixer for non-operator and smaller events.