



## TRADITIONAL WORSHIP SANCTUARY

# ST. MICHAEL THE ARCHANGEL

New 900-seat sanctuary and small 70-seat chapel on the Church's existing campus was built to support a traditional worship style. The traditional cruciform-shaped sanctuary provided a unique space for acoustics for their worship services which was also featured a pipe organ to support worship services.

Upon being engaged in the project design, much of the architectural work had already been completed and created a challenge in achieving balance between the high reverberance required for the church's music style and the need for clarity of the spoken word.

To achieve the needed reverberance for choral and pipe organ music, minimal acoustic treatments were used in the front of the room and the area around the church's pipe organ was also kept free of acoustical treatments.

Vocal intelligibility issues were remedied with the installation of digitally-steered speakers. AD provided close collaboration for mechanical/electrical noise control to help achieve an HVAC system which offered quiet, easy-to-operate functionality and operation noise that did not interfere with services being held in the sanctuary and chapel.

### CLIENT

St. Michael the Archangel Catholic Church

### LOCATION

McKinney, TX

### PROJECT TYPE

New Construction

### COMPLETE

2006

### COST

\$8 M

### SEAT COUNT

1,000

### ARCHITECT

Beck  
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### SCOPE

Acoustics