

# Marjorie P. Lee Retirement Community Addition Cincinnati, OH



## Project Stats

|                      |                               |
|----------------------|-------------------------------|
| <b>Client:</b>       | Episcopal Retirement Homes    |
| <b>Location:</b>     | Cincinnati, OH                |
| <b>Year:</b>         | 2008                          |
| <b>Market:</b>       | <a href="#">Senior Living</a> |
| <b>Project Size:</b> | 4.00 Acres                    |

## Services Provided:

### SURVEYING SERVICES

ALTA Surveys  
Boundary Surveys  
Construction Layout & Staking  
Legal Descriptions  
Location Surveys  
Topographic Surveys

### CIVIL ENGINEERING SERVICES

Erosion Control Planning, Permitting & Inspection  
Grading & Earthwork Analysis  
Hydrologic & Hydraulic Analysis  
Storm Water Collection System  
Storm Water Control Facilities  
Street Reconstruction  
Waste Water Collection System  
Waste Water Infrastructure

Bayer Becker provided drainage design expertise and surveying for the Marjorie P. Lee Retirement community when their facility went through a recent expansion. A new section was added to the existing building and garden areas for the residents were updated in the back of the community. Conveying storm water from the upper portion of the site to the lower portion with the new building expansion cutting off the two drainage areas was a key concern. Drainage for the rear patio had to be taken under the building to a connection point.

A great deal of preliminary coordination with MSD took place on how to tie into a very shallow combined sewer for the storm and sanitary services. To help minimize costs and actual infrastructure, a combination sewer was designed to handle both storm water and wastewater flows. Bayer Becker's detailed design helped control costs by minimizing change orders and our design coordination with the project's other sub consultants ensured our designs would fit precisely with the new addition. The proposed alignment and connection of utilities further controlled costs by minimizing disturbance to Marjorie P. Lee's existing landscaping at the front of the addition.

Bayer Becker's relationship with the client was already strong, having delivered successful projects for them in the past. That relationship was strengthened by this project that was completed on time, within budget and will allow the residents to relax and enjoy themselves for years to come.