

Cardinal Run Park Entrance/Parkers Mill Road Improvements

project description | street improvement

location

Lexington, Kentucky

client

Lexington-Fayette Urban
County Government

completion date

2005



CDP developed, designed and prepared the construction documents for the widening of Parkers Mill Road to accommodate left and right turn lanes into the proposed Cardinal Run Park. The project length was approximately 1600 feet. The designs included roadway geometrics, typical section recommendations, roadside drainage, cost estimates, and specifications.

- Alignment studies to increase vertical curve sight distance.
- Review of alignment alternatives to avoid or minimize impacts on right-of-way acquisition, construction cost, and existing 24" concrete water line.
- Preparation of plan and profile sheets utilizing the Lexington-Fayette Urban County Government's GIS mapping supplemented by additional field surveys.
- Roadside drainage designs, connecting to and improving existing drainage facilities.
- Cross-sections, details, and quantity tabulations.
- Application to the Kentucky Department of Transportation for traffic studies and reduction of speed limits approaching the Park's entrance.
- Right of way and easement plats.
- Sidewalk connection from adjacent residential to cardinal run park.
- Design modular retaining wall system to protect existing utility infrastructure.