

PROJECT TITLE:

Summerfield Drainage Improvements



Project Location:	Overland Park, Kansas
Scope:	Engineering Services
Self-Performed Work:	Hydraulic Design, Public Involvement, Utility Coordination, Inlet Analysis
Construction Cost:	\$900,000
Project Start Date:	2004
BHC RHODES Client:	City of Overland Park, KS
Contact Name:	Dan Miller, P.E., City Engineer
Phone Number:	(913) 895-6000
Project Owner:	City of Overland Park, KS
Contact Name:	Dan Miller, P.E., City Engineer
Phone Number:	(913) 895-6000

The City of Overland Park conducted a Preliminary Engineering Study with the intent of eliminating flooding problems during 100-year rainfall events with no impacts to adjacent municipalities or jurisdictions. The drainage basin, comprised of single-family homes with an average lot size of 1/4 of an acre, was approximately 60-acres and located within the Indian Creek Watershed. Issues in completing the improvements included: extensive field survey to accurately depict existing conditions, careful coordination with utility companies to limit disruption and minimize required relocation, maintain access to properties throughout construction, close communication with project stakeholders and public, sensitivity to disruption of established yards and neighborhoods, and detailed design to APWA and City standards.