

PROJECT TITLE:
Turkey Creek Tributary



Project Location:	Shawnee, Kansas
Scope:	Drainage Channel Improvements
Self-Performed Work:	Engineering Design, Surveying, Construction Services
Construction Cost:	\$1,080,000
Project Start Date:	March 2007
BHC RHODES Client:	City of Shawnee, KS
Contact Name:	Cynthia Moeller-Krass, P.E., Storm Drainage Engineer
Phone Number:	(913) 631-2500
Project Owner:	City of Shawnee, KS
Contact Name:	Cynthia Moeller-Krass, P.E., Storm Drainage Engineer
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Part of the Turkey Creek Tributary runs through the City of Shawnee, KS and had begun flooding over onto homes, business and roads. The flooding was also causing erosion of the stream banks. Improvements to correct the flooding were designed for approximately 1500 L.F. from 57th Street to south of 60th Street. Pedestrian bridge crossings were also added to provide access for school activities and Old Shawnee Town. BHC RHODES provided engineering design, bidding, and construction services for improvements. The project design combined concrete-lined channel improvements with a natural stream restoration plan to re-establish meanders, riffles, pools, and vegetation to stabilize the stream banks.