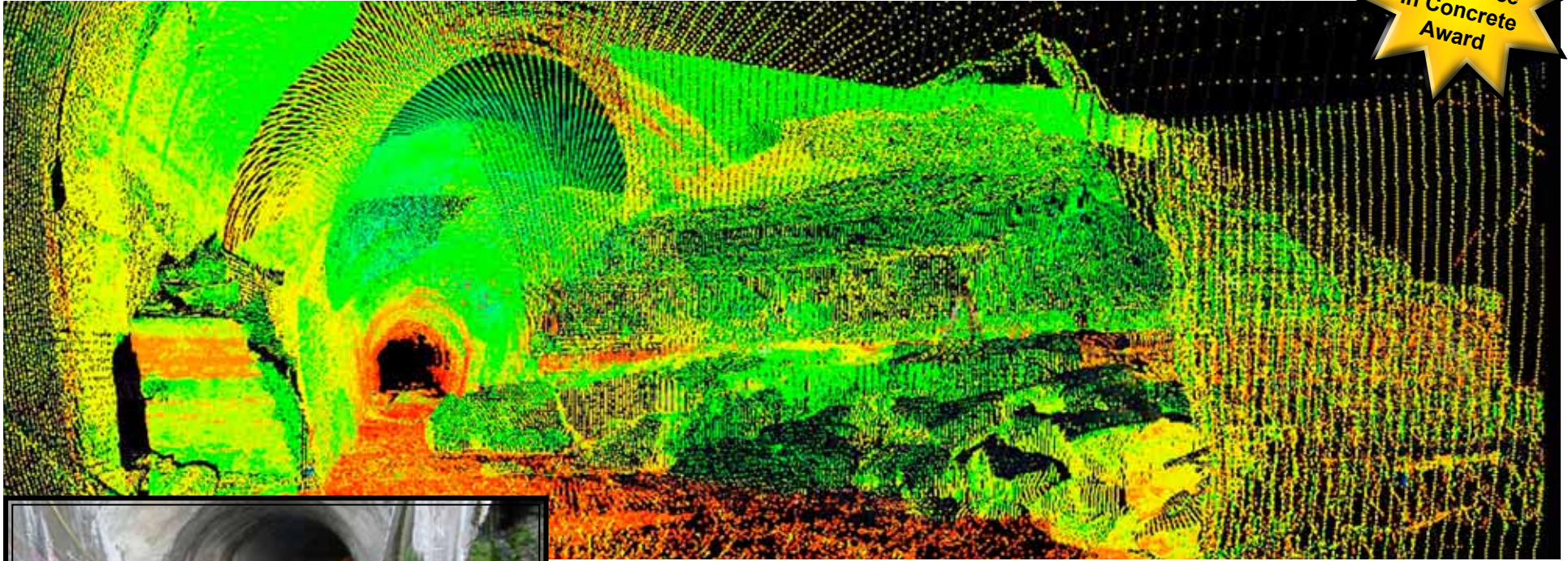


PROJECT TITLE:

Turkey Creek Diversion Tunnel High-Definition Surveying (HDS)



Actual Photo

The Turkey Creek Diversion Tunnel runs 1/4 mile long and acts as a storm drainage tunnel. It was cut through the hills of Northern Rosedale to the Kansas River in 1920. Over the years it has eroded and was in need of repairs. BHC RHODES was hired to identify the extents of the tunnel failure, property acquisition surveying and construction staking for repairs. 3-D laser scanning was used to model cavities and tunnel walls before and during construction. This project included locations of areas of concern for geologists and project engineers, and staking for borings and anchor systems along with the mapping of these points for use by other professionals.

Project Location:	Wyandotte County & Kansas City, Kansas
Scope:	High-Definition Surveying (HDS)
Self-Performed Work:	High-Definition Surveying (HDS)
Construction Cost:	\$4,000,000 to \$5,000,000
Project Start Date:	March 2006
BHC RHODES Client:	Unified Government of Wyandotte County & Kansas City, KS
Contact Name:	URS: Jamie Martens
Phone Number:	(913) 344-1106