

Project Profile

sidwell & the city of hong kong, china

The Sidwell Company was contracted to provide photogrammetric services, including color seamless projectwide digital orthophoto imagery to support the needs of a cellular communications contractor. In addition to the aerial orthophotography, the other components of this photogrammetric project included:

- *Acquiring color aerial photography from the Chinese Government*
- *Fully analytical aerial triangulation to extend the project control*
- *Color digital orthophotography produced for approximately 100 square miles around the City of Hong Kong performed in the following series of steps:*
 - *Scanning accomplished on a Zeiss SCAI photogrammetric scanner*
 - *Creation of digital elevation models including points and breaklines*
 - *Digital differential rectification performed using OrthoMaster by INPHO*
 - *The ortho rectified images are mosaicked together using INPHO OrthoVista software*
 - *Digital orthophoto images delivered in TIFF file format with world files*
- *Building footprints were collected for the project area as well as building height data*

