



# Topography Services

Water has been recognized as the most destructive items in modern cropping systems. The lack of, or excess of, water damages more crops every year than any other item. Drainage is a key item to any successful field. Surface and sub-surface drainage are both important options.

GK Technology offers several options to help you manage water issues.

- Collection & Processing
- RTK Data Processing
- LIDAR Processing\*
- Drainage & Tile Planning

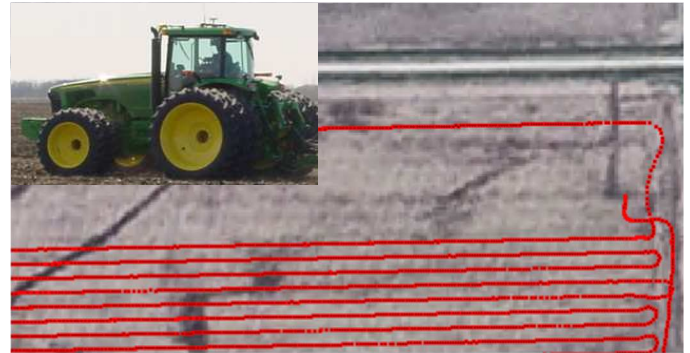
\* *LIDAR data is only available in certain areas. Inquire about availability.*

## Collection & Processing

GK Technology will come to your field and collect RTK topography data.

- Drive 45 foot passes
- Collect ditch bottoms
- Collect requested locations
- Returning data and maps
- Elevation maps / Flow Paths / Depressions / Hills / Contours
- Cost is \$8.00 / Acre
- Inquire about coverage area

\* *If required, collection and planning software is sold as a separate item.*

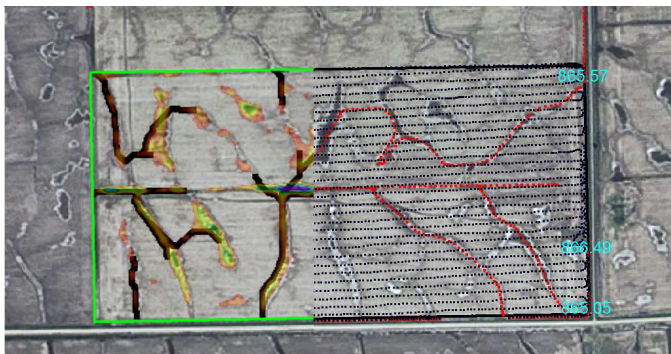


## RTK Processing

GK Technology will take your RTK collected data and process it into useable topography data.

- Before collecting, call, we can help you collect the best data
- Review and clean data
- Returning data and maps
  - Elevation / Flow Paths / Depressions / Hills / Contours
- Cost \$1.50 / Acre

\* *If required, collection and planning software is sold as a separate item.*



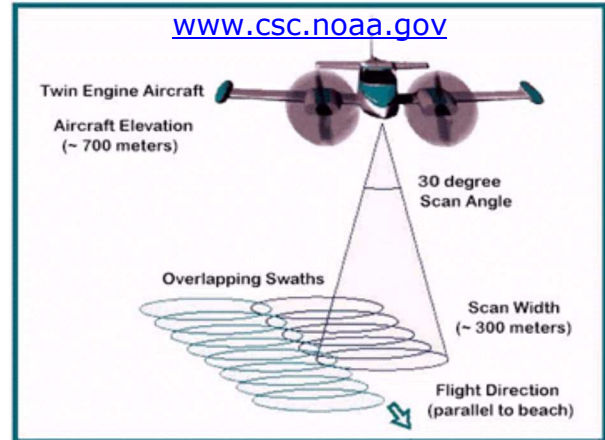
# LIDAR Topography Processing

LIDAR = Light Detection and Ranging

Elevation collected by planes equipped with RTK & LIDAR sensing unit

- Up to 150,000 pulses per second
- Accuracy 6" (FEMA Data RRV Basin)
- Accuracy 8" (Most State Data)
- Great for drainage planning
- See the "PROJECT" not just "FIELD"

## 2005 FSA Image & Depressions



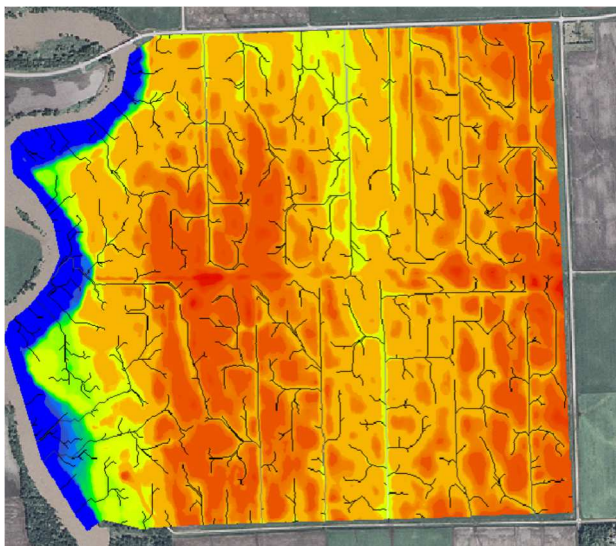
GK Technology-your LIDAR processing source

Download and process LIDAR data  
Section by Section basis  
Producing

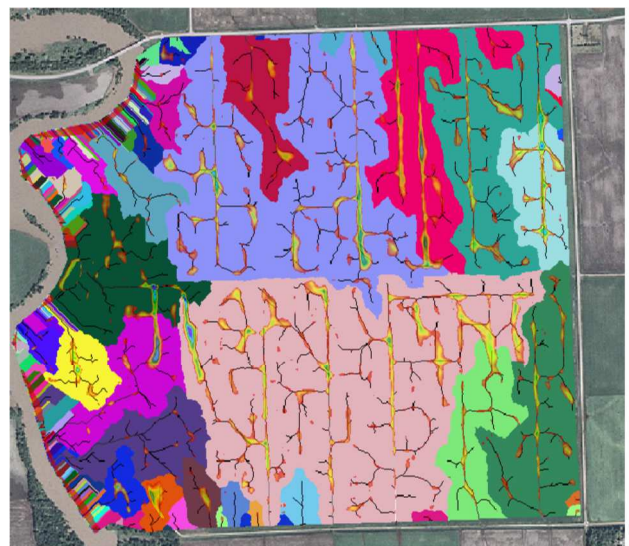
- Elevation maps
- Flow paths
- Depressions / Hills
- Contours
- Cost \$1.50 / Acre  
Or \$600 per Section
- Tile Planning Assistance \$150/hour

*\* If required, collection and planning software is sold as a separate item.*

## LIDAR Topography & Flow Paths



## Watersheds & Depressions



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