

Institute for Design Research and Outreach – GIS Facility

# Tile Mapping Considerations: the Prairie Creek Watershed

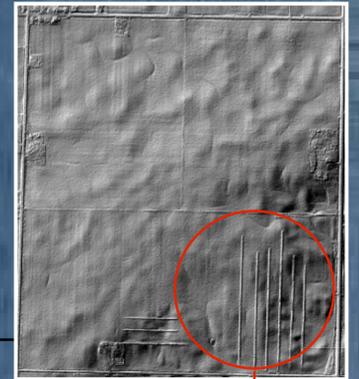
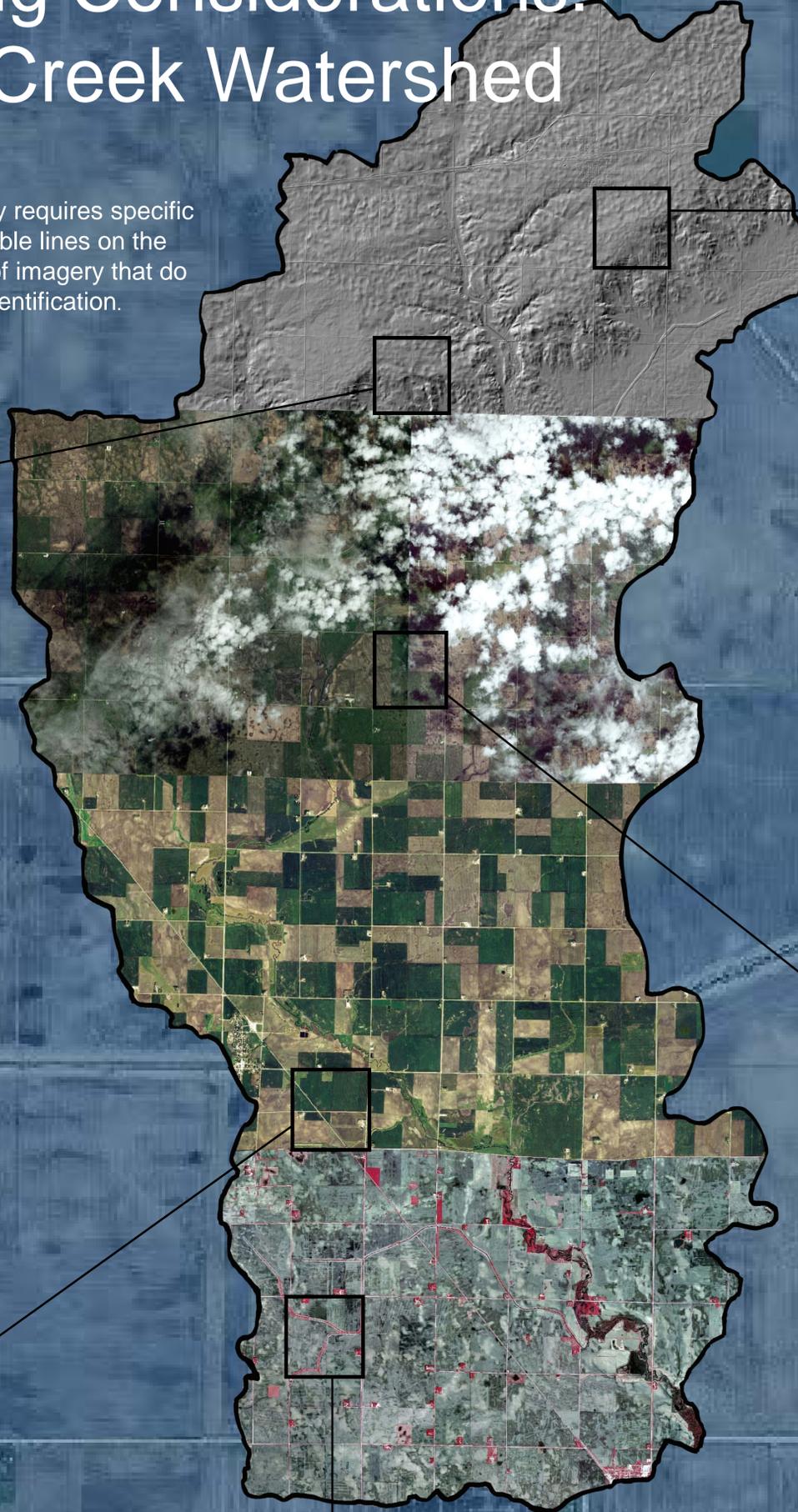
Tile mapping using aerial imagery requires specific conditions in order to capture visible lines on the landscape. Below are the types of imagery that do and do not work for remote tile identification.



Freshly laid tiles can be seen on almost any imagery. They are identified by dark patterning in the fields.



Vegetation can disguise tiles. Imagery taken between late spring and early summer work best.



LIDAR Imagery can be used to detect the presence of potholes and other fixed features.



Cloud cover and shadow disguise the presence of tiles. Imagery should be captured on clear days.



The best imagery shows tile patterns clearly: Herring Bone, Parallel, and Random tiling patterns.