Genesee County
Aerial Imagery & Pictometry

Presented by:
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Traditional Aerial Imagery vs. Pictometry

- Traditional aerial imagery for mapping purposes is Orthogonal (straight down)
- Pictometry is Oblique, about 45 degree angle.
- Pictometry Project also includes Ortho images
History of County Aerial Imagery

- Flight interval variable (starting 1941)
- Became more regular (from 1987 - 5 year basis)
- Pictometry initially explored about the time GIS Department established (2004/2005)
Imagery Available

- 16 sets of photos available
- 1941 through 2014
- 1997 and prior - individual photos, scanned, unrectified
- 2002 and newer – GIS-ready seamless orthophotos
Sample Photos

1941  1966

Bristol Road & Van Slyke
Pictometry Flight Plan - 2014

Green = High Rez
Hatched = Low Rez
Sample Pictometry 2014 Flight
Sample, 2014
(Stone Hedge?)
Four Directions
Where is it being used?

- Assessors/Equalization
- 911 Dispatch – data source for dispatchers
- Law Enforcement
- Fire Departments
- Emergency Management / Homeland Security
- Community Planning/Development
- Engineering / Public Works
- General Public – on BING maps
How is it being used?
How is this different than free online sources?

- Full coverage of county
- Cannot overlay parcel and other local data in free online systems
- Cannot measure height

- Free online images usually leaf-on
- No offline viewer (less important)
How can you access Pictometry?

- For site specific or project use
  - Local Assessor or Building Department
  - County GIS Department
  - Limited term access

- Subscription services directly with Pictometry
  - Contractors, realtors, etc

- Eventually through County online mapping
  - Popup access, not including measure functions
Questions?

Contact Information

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