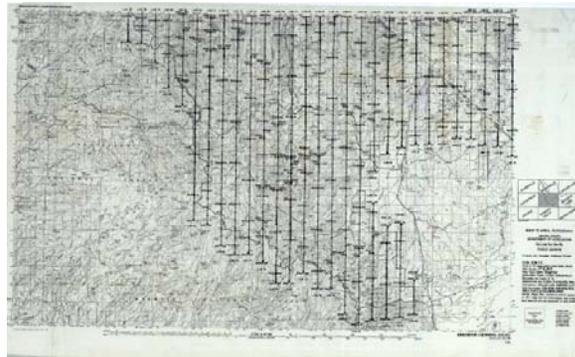




# 2006 Index Scanning Project

Photo, Line, and Spot Indexes



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**GIS Specialist**



**USDA Farm Service Agency**  
**Aerial Photography Field Office**

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# Overview

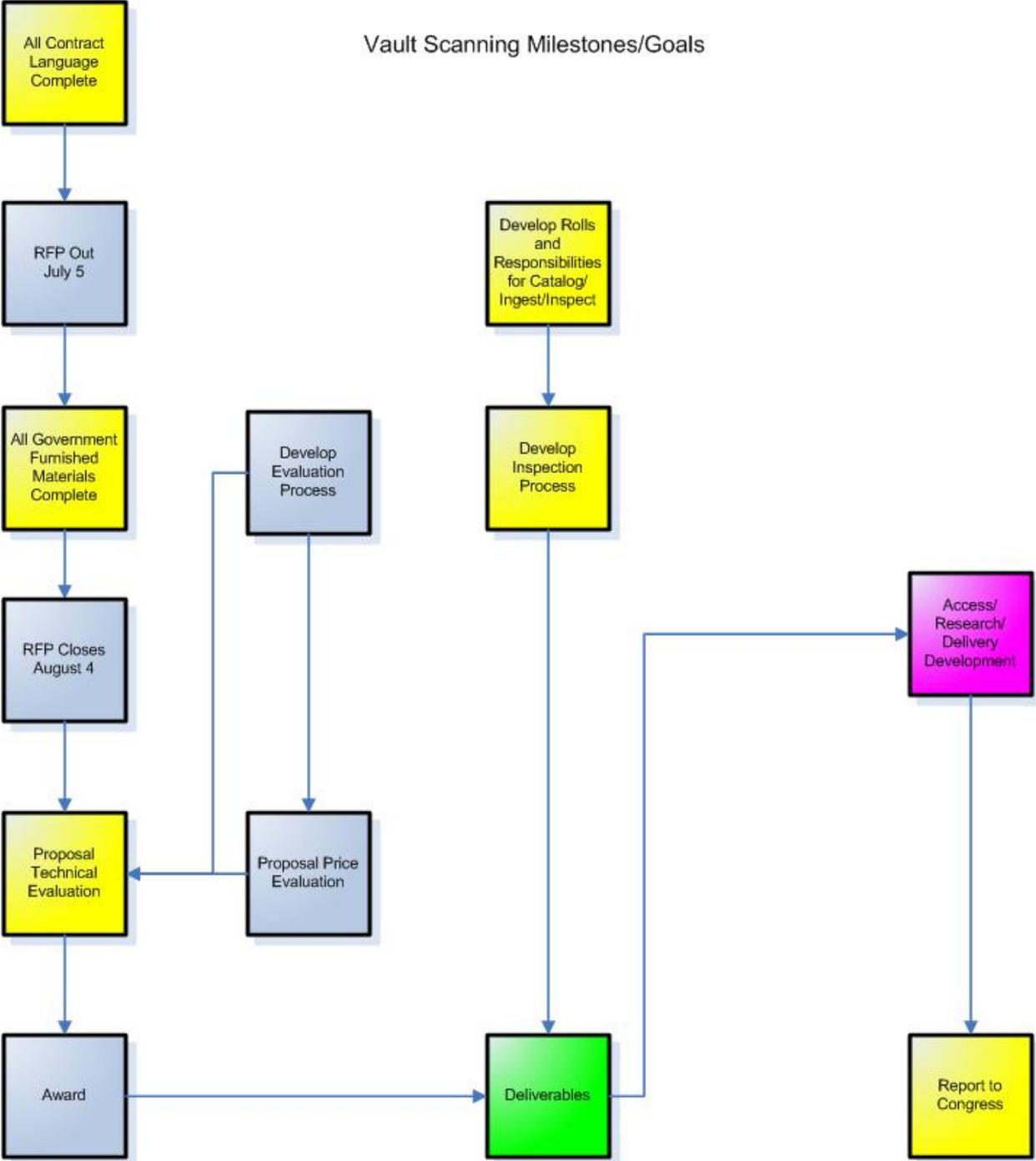
- Purpose
- The Contract
- Deliverables
- Inspection Process
- Status Summary
- Samples



# Purpose

- Accomplish the scanning of specified photo, line, and spot index reference maps for purposes of preservation.
- Provide greater visibility of, and access to, historical imagery products.
- Provide georeferencing and shapefile creation to facilitate retrieval in GIS

# Vault Scanning Milestones/Goals



# Contract

- [http://www.fsa.usda.gov/Internet/FSA\\_File/rfp-apfo-10-06.pdf](http://www.fsa.usda.gov/Internet/FSA_File/rfp-apfo-10-06.pdf)

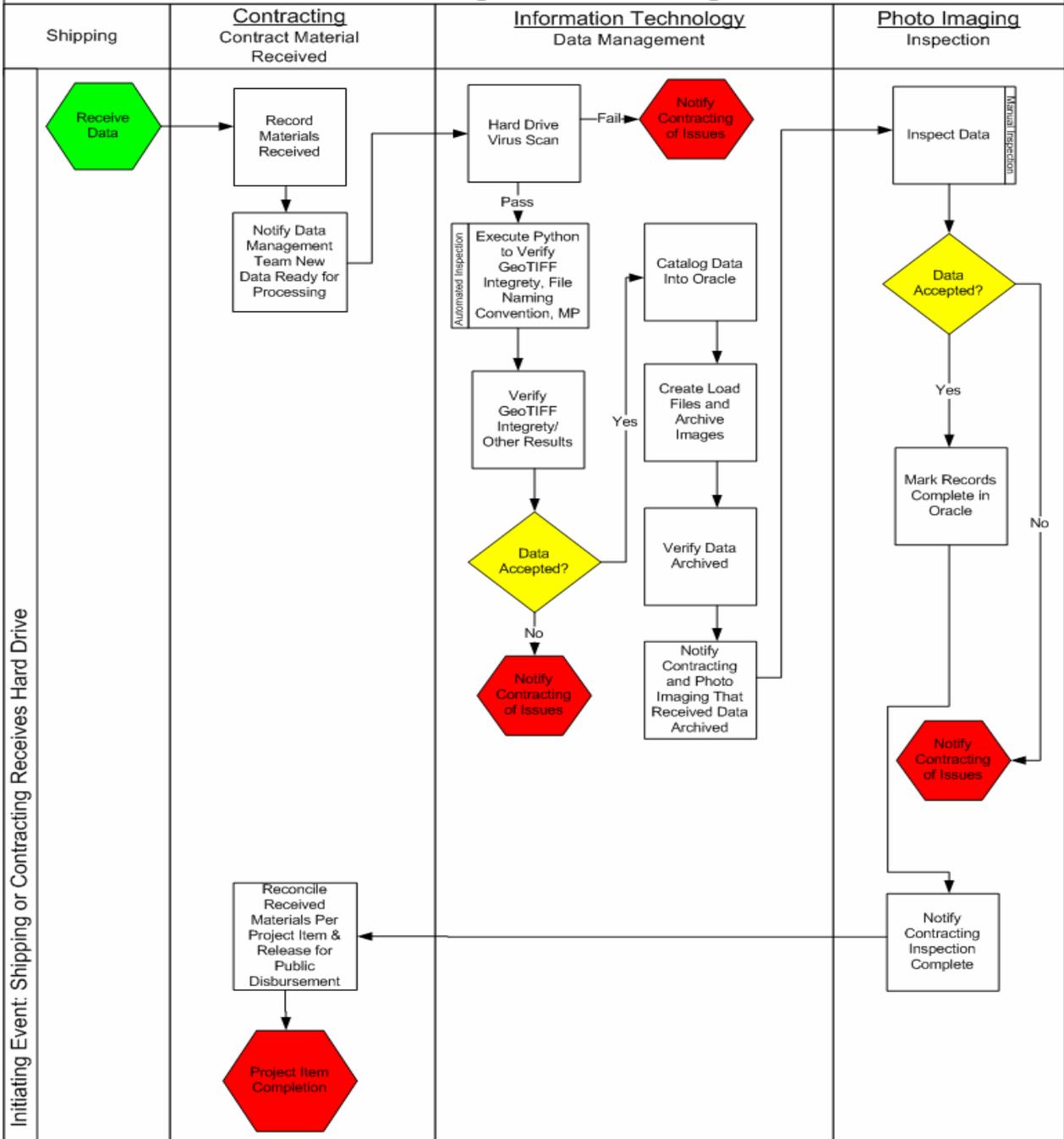
# Deliverables

- Original Scan (TIFF)
- Georeferenced Scan (GeoTIFF)
- Georeferenced Scan Metadata
- Enhanced Shapefile
- Shapefile Metadata
- Control Point File
- Scan Support File

# Inspection Process

- Automated
  - Python scripts
- Manual
  - 100% inspection on images
  - 100% spot inspection on shapefiles

# Catalog Vault Scanning



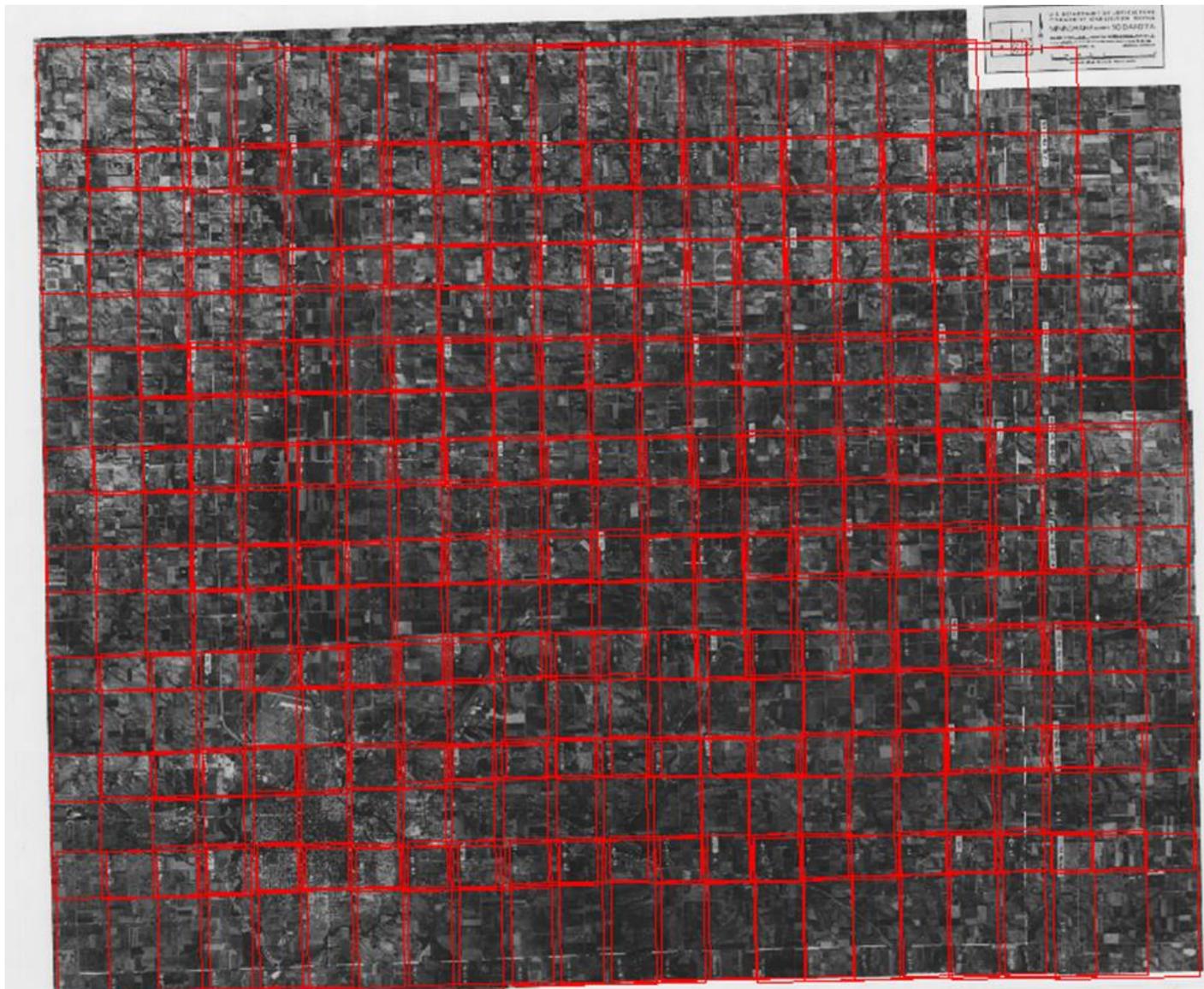
Initiating Event: Shipping or Contracting Receives Hard Drive

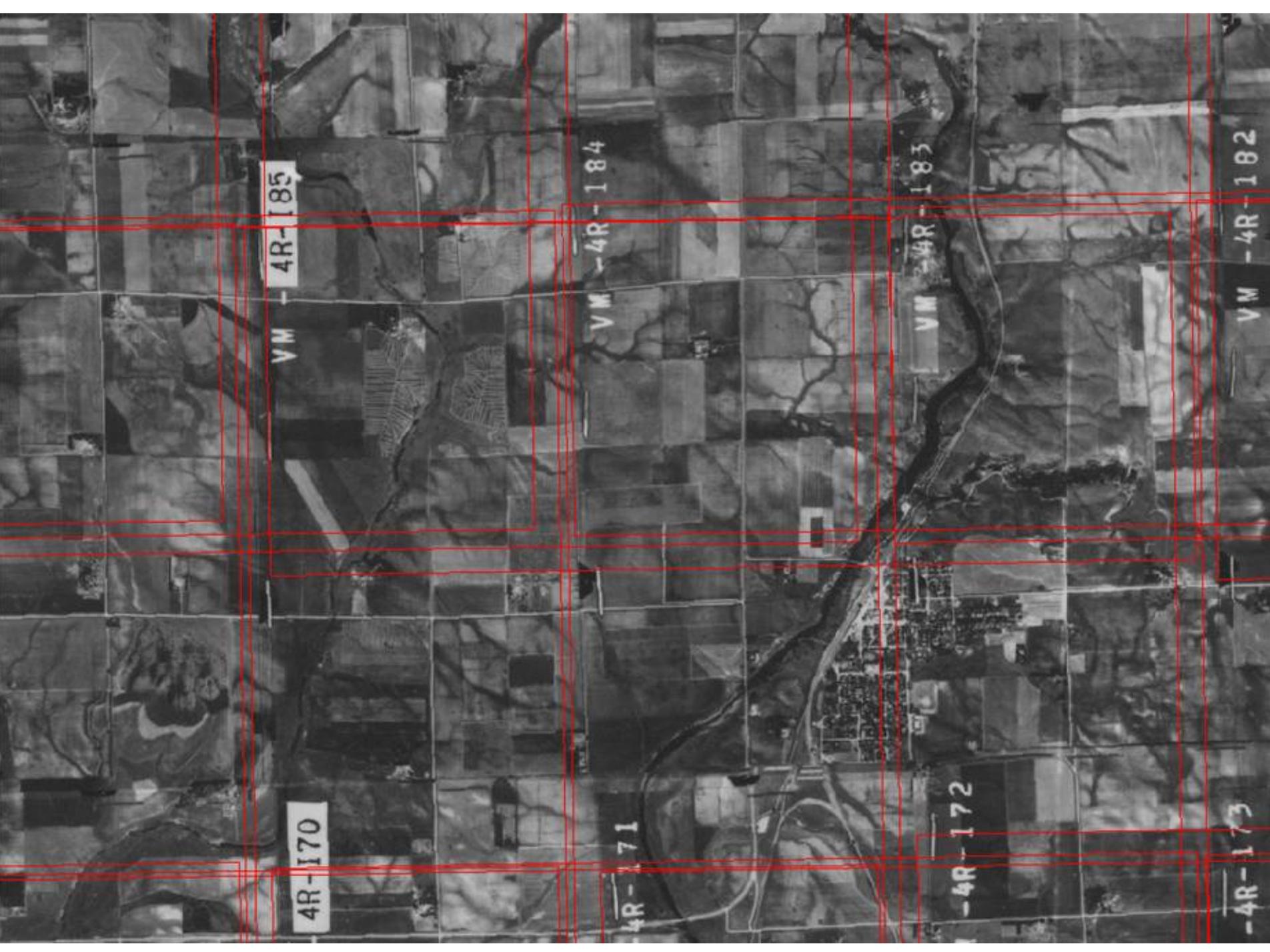
Terminating Events: Notify Contracting, Project Item Completion

# Status Summary

- Scanning is under way
  - Fast paced scanning effort
    - Hurdles
      - Scanner modifications
      - Calibration/Stitching
      - Georeferencing
    - Initial product deliverable coming soon...
      - Scans completed thus far – 64,000/71,360
      - Georeferenced thus far - 0
      - Enhanced shapefiles completed thus far - 0

# Samples





4R-170

VM-4R-185

4R-171

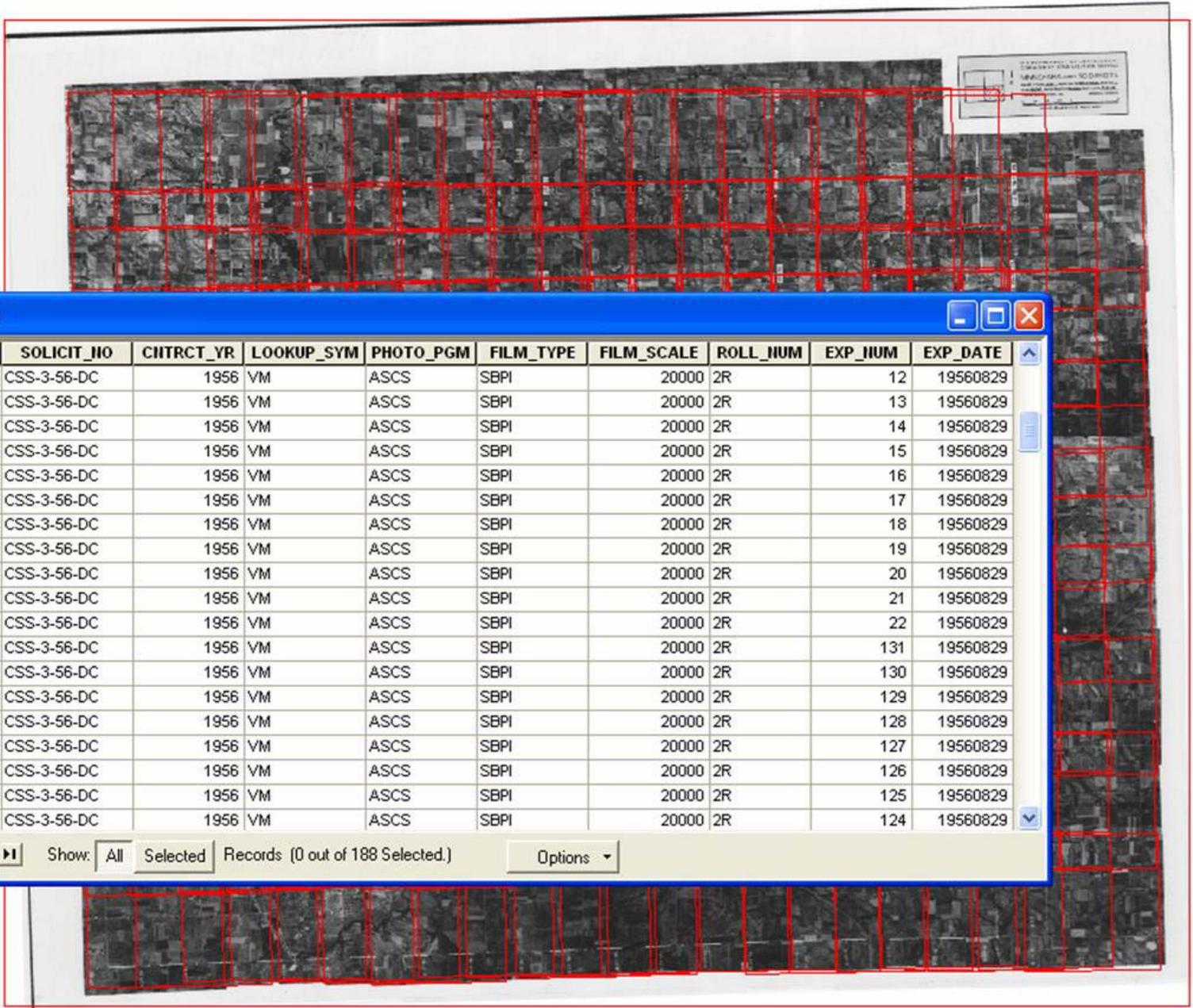
VM-4R-184

4R-172

VM-4R-183

4R-173

VM-4R-182



**Attributes of enhanced**

FID	Shape*	SOLICIT_ID	CONTRACT_YR	LOOKUP_SYM	PHOTO_PGM	FILM_TYPE	FILM_SCALE	ROLL_NUM	EXP_NUM	EXP_DATE
19	Polygon	CSS-3-56-DC	1956	VM	ASCS	SBPI	20000	2R	12	19560829
20	Polygon	CSS-3-56-DC	1956	VM	ASCS	SBPI	20000	2R	13	19560829
21	Polygon	CSS-3-56-DC	1956	VM	ASCS	SBPI	20000	2R	14	19560829
22	Polygon	CSS-3-56-DC	1956	VM	ASCS	SBPI	20000	2R	15	19560829
23	Polygon	CSS-3-56-DC	1956	VM	ASCS	SBPI	20000	2R	16	19560829
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Record: 1 Show: All Selected Records (0 out of 188 Selected.) Options



1961

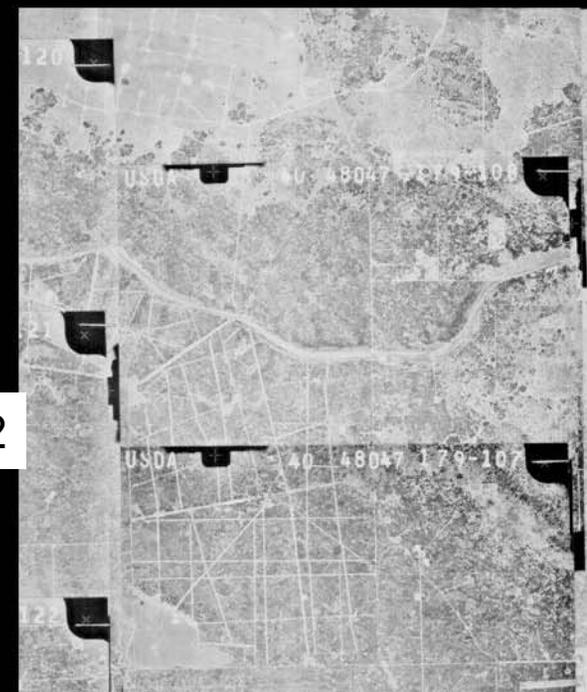


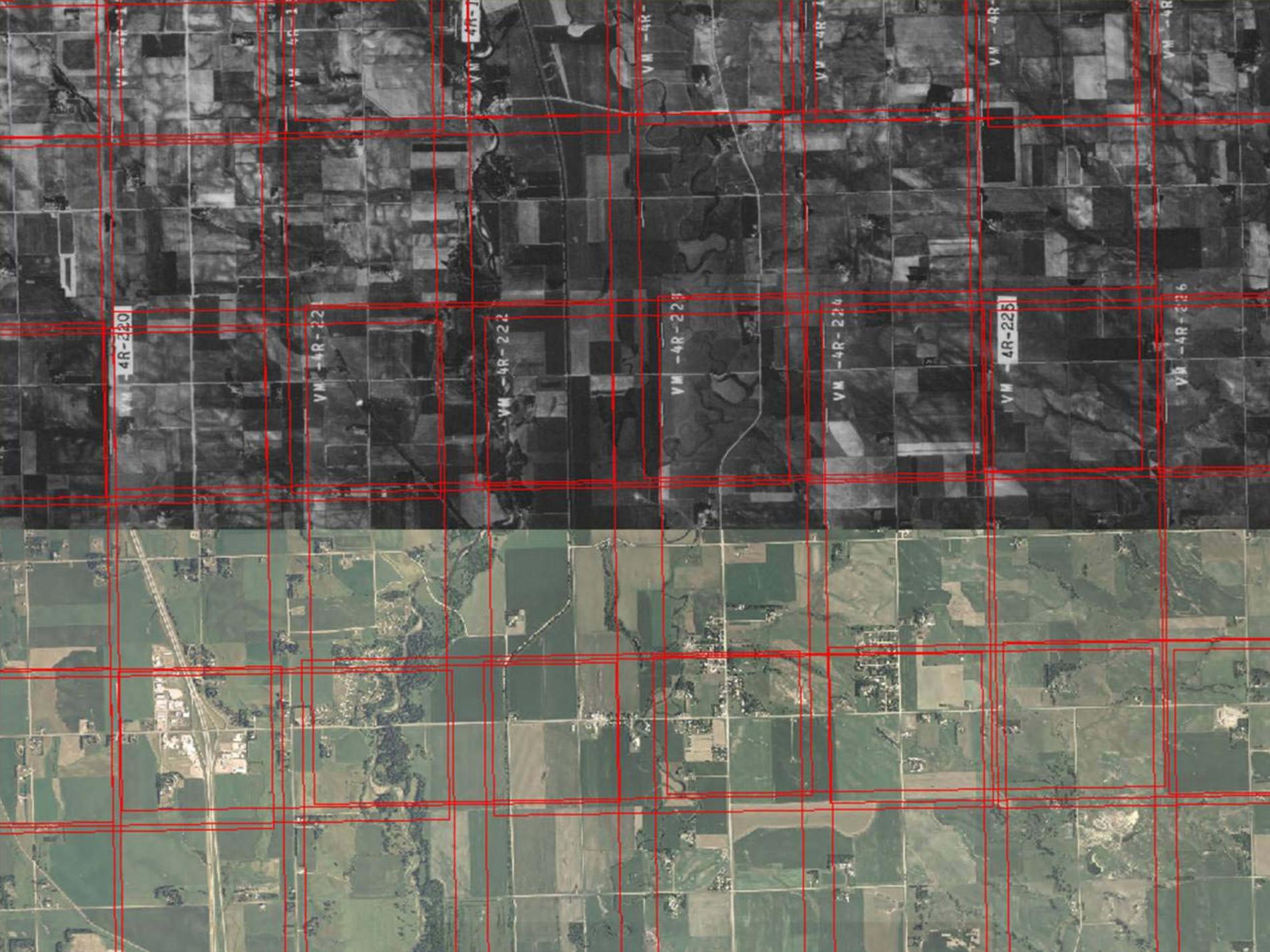
1968



# Brooks County, TX

1982





VM -4R-220

VM -4R-221

VM -4R-222

VM -4R-223

VM -4R-224

VM -4R-225

VM -4R-226

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
SPRINGFIELD, MISSOURI 65804  
MAP OF MISSOURI SHOWING  
GAGE LOCATIONS  
NO. 1000  
SCALE 1:500,000  
DATE 1960

