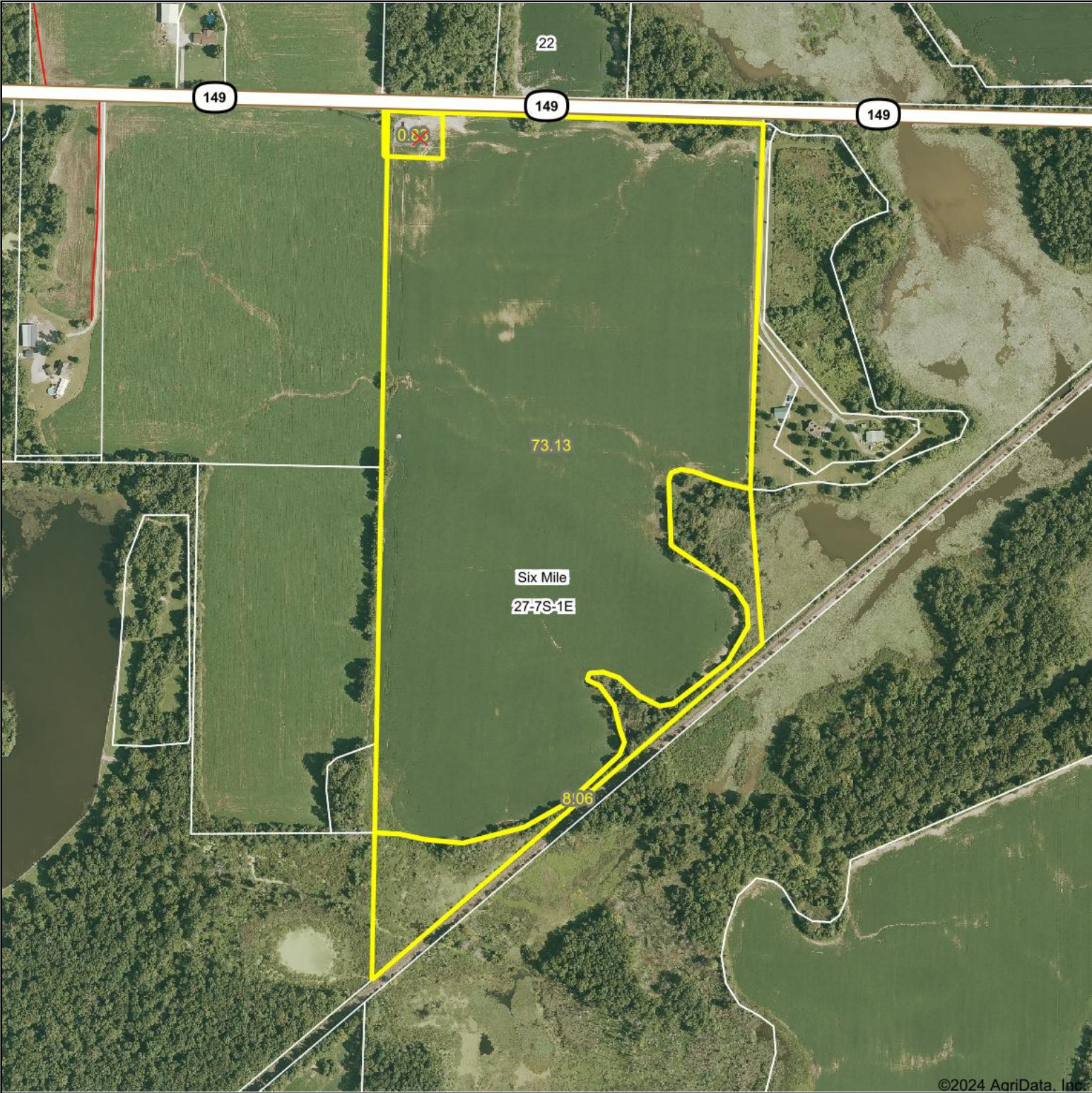
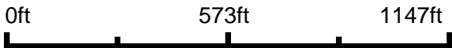


Aerial Map



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Boundary Center: 37° 53' 14.56, -89° 5' 2.18



Maps Provided By:  
 **surety**<sup>®</sup>  
CUSTOMIZED ONLINE MAPPING  
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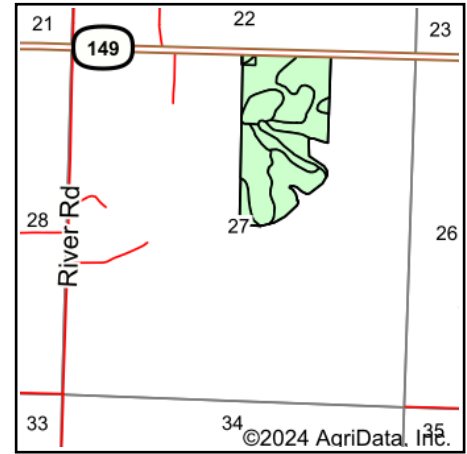
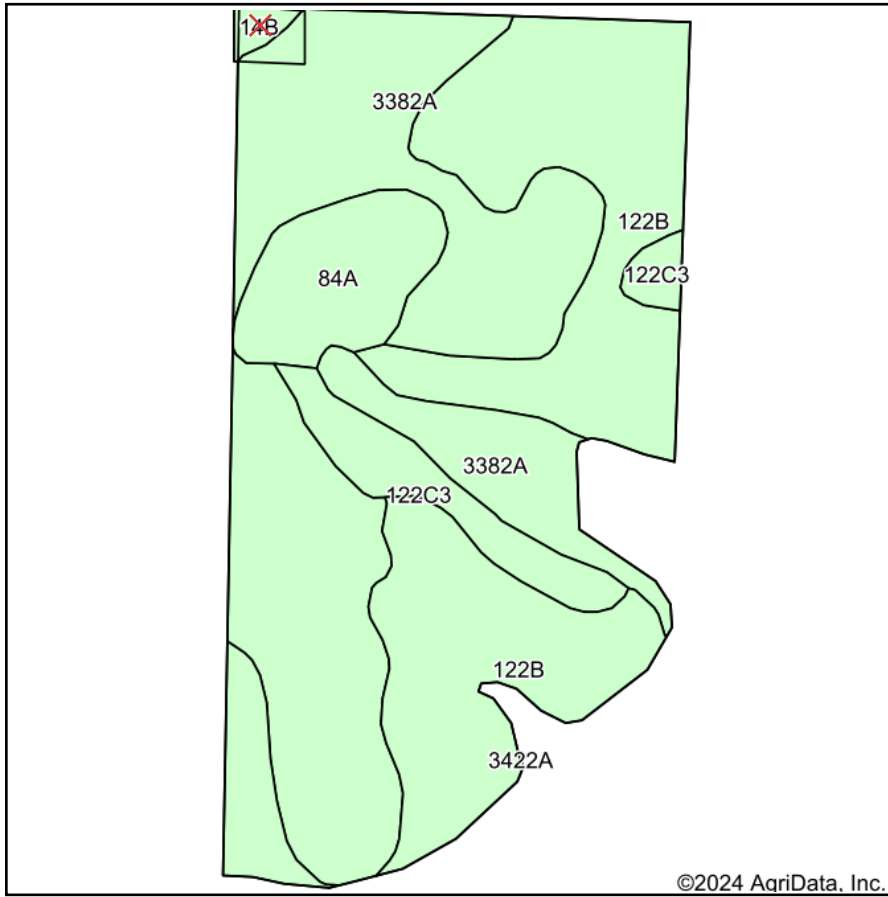
**27-7S-1E**  
**Franklin County**  
**Illinois**



11/9/2024



# Soils Map



State: **Illinois**  
 County: **Franklin**  
 Location: **27-7S-1E**  
 Township: **Six Mile**  
 Acres: **73.96**  
 Date: **11/9/2024**



Maps Provided By:



Area Symbol: IL055, Soil Area Version: 17

Code	Soil Description	Acres	Percent of field	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded	33.07	44.7%	**140	**47	**57	**105	67
**122B	Colp silt loam, 2 to 5 percent slopes	30.12	40.7%	**131	**41	**55	**96	57
84A	Okaw silt loam, 0 to 2 percent slopes	5.65	7.6%	129	42	55	96	37
**122C3	Colp silty clay loam, 5 to 10 percent slopes, severely eroded	4.63	6.3%	**98	**31	**41	**72	42
**14B	Ava silt loam, 2 to 5 percent slopes	0.49	0.7%	**134	**44	**54	**99	55
Weighted Average				132.8	43.2	55	98.5	*n 59

**Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture.** Publication Date: 02-08-2023

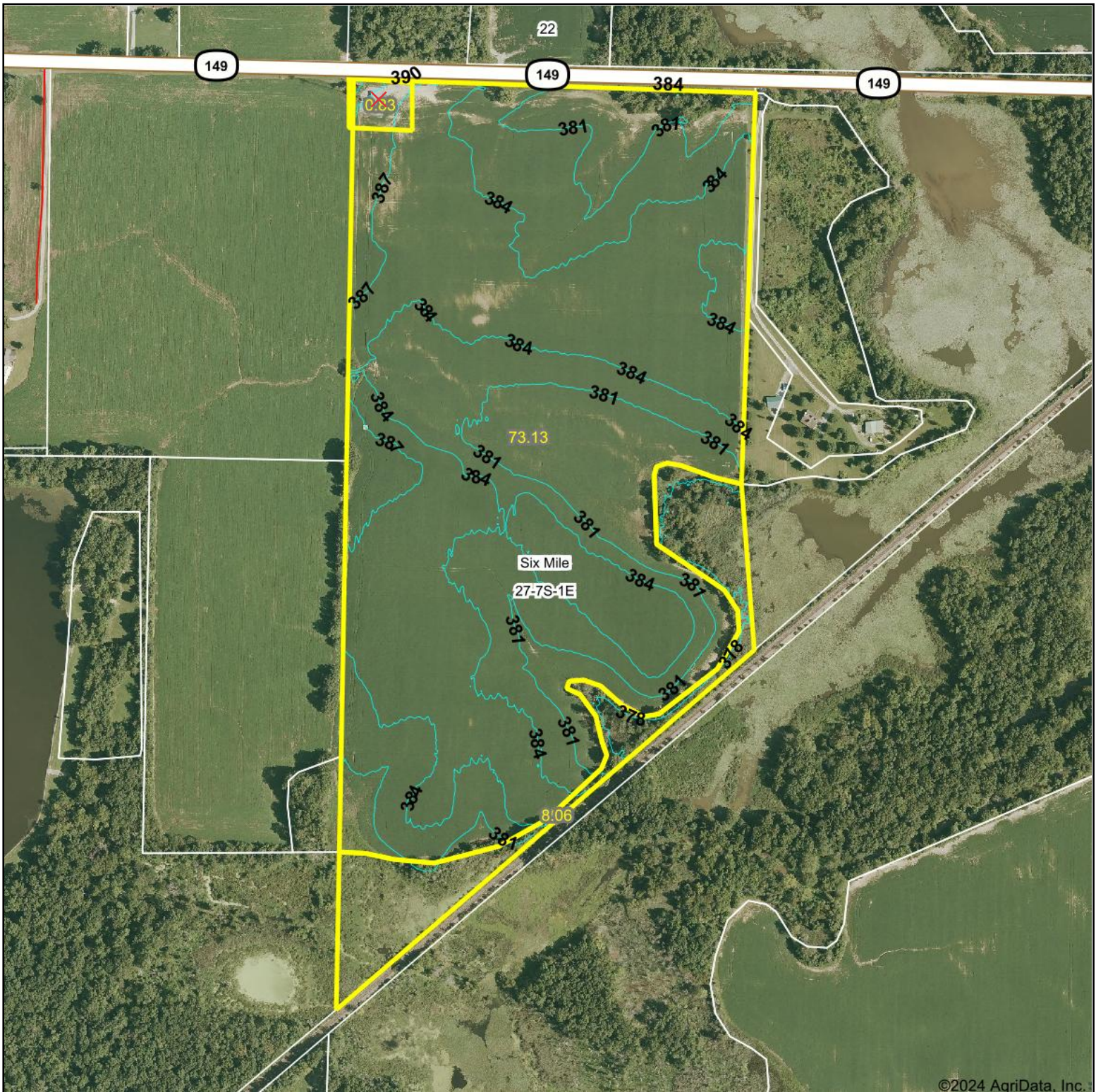
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: <https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809>

\*\* Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the IL Soils EFOTG

\*n: The aggregation method is "Weighted Average using all components"



# Topography Contours



Maps Provided By:



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Field borders provided by Farm Service Agency as of 5/21/2008.

Source: USGS 1 meter dem

Interval(ft): 3.0

Min: 375.9

Max: 394.6

Range: 18.7

Average: 382.9

Standard Deviation: 2.62 ft

0ft 534ft 1069ft



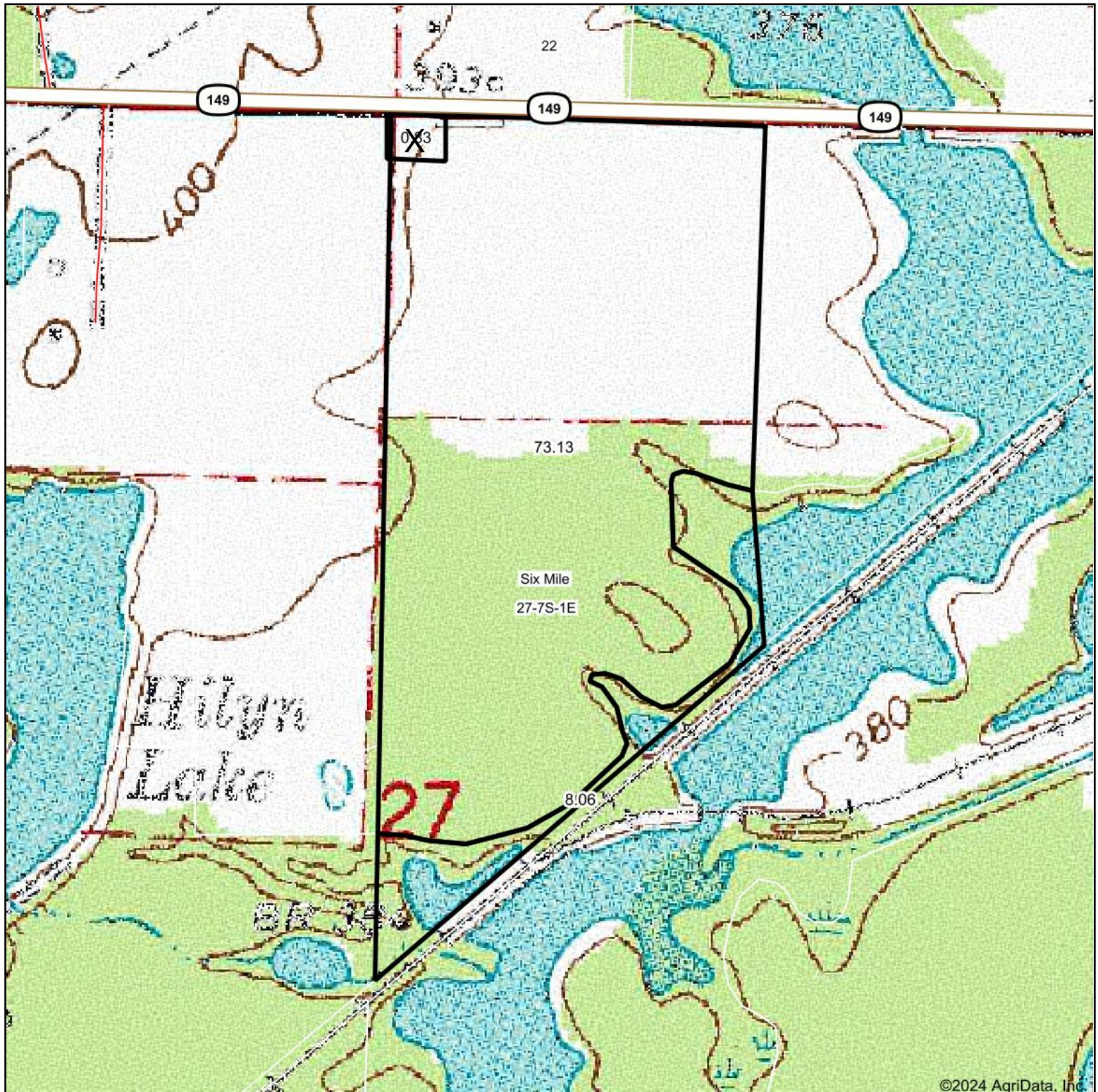
11/9/2024

**27-7S-1E**  
**Franklin County**  
**Illinois**

Boundary Center: 37° 53' 14.56, -89° 5' 2.18



# Topography Map



Map Center: 37° 53' 14.62, -89° 5' 3.22

0ft 573ft 1147ft



Maps Provided By:



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**27-7S-1E**  
**Franklin County**  
**Illinois**



11/9/2024

Field borders provided by Farm Service Agency as of 5/21/2008.