

Updates to the Tompkins County Unique Natural Area Inventory

DRAFT
FOR
REVIEW

September 2012
Phase 1

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FOR
REVIEW

UNAs include one or more of the following characteristics

- designated area or preserve
- state designated wetland
- contains diverse flora or fauna
- rare or scarce plant or animals
- historical botanical or zoological importance
- geological importance
- important teaching site (e.g. meadow with a diverse array of common plants all in one place)
- old growth woods
- important birding site
- quality of plant or animal community
- recreational value
- scenic vista
- wilderness
- archeological or paleontological site
- cultural or historical importance
- urban greenspace

Guidelines for boundary updates

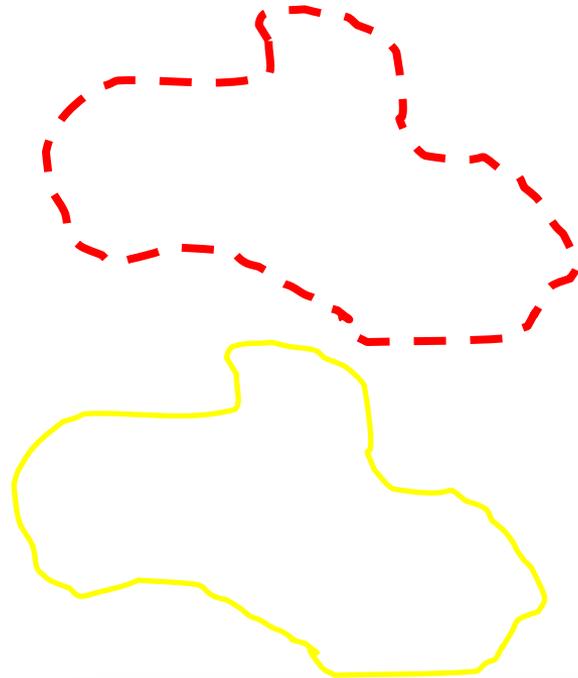
- Snap to property lines
- Inclusion of National Wetlands Inventory
- Conform to edge of vegetation
- Inclusion of newly protected lands (e.g., nature preserves)
- Change in landcover since last field visit or aerial photo series (1995 vs. 2009 imagery)
- Phase 1 of project included 43 of the top-ranking sites

Total changes included in new update

- Total acreage in revised set of UNAs = 17,404
- Total acreage in original set of UNAs = 14,888
- Total change in acreage in UNAs, with this revision = +16.8%
- Addition of avian information for UNA sites, based on eBird dataset, 2000-2010
- Addition of herpefauna censuses, where available
- Addition of large mammal census data, where available
- Updates of plant rarity statuses

Key to maps

- Original UNA boundary
- Revised UNA boundary
- 2009 aerial orthoimagery

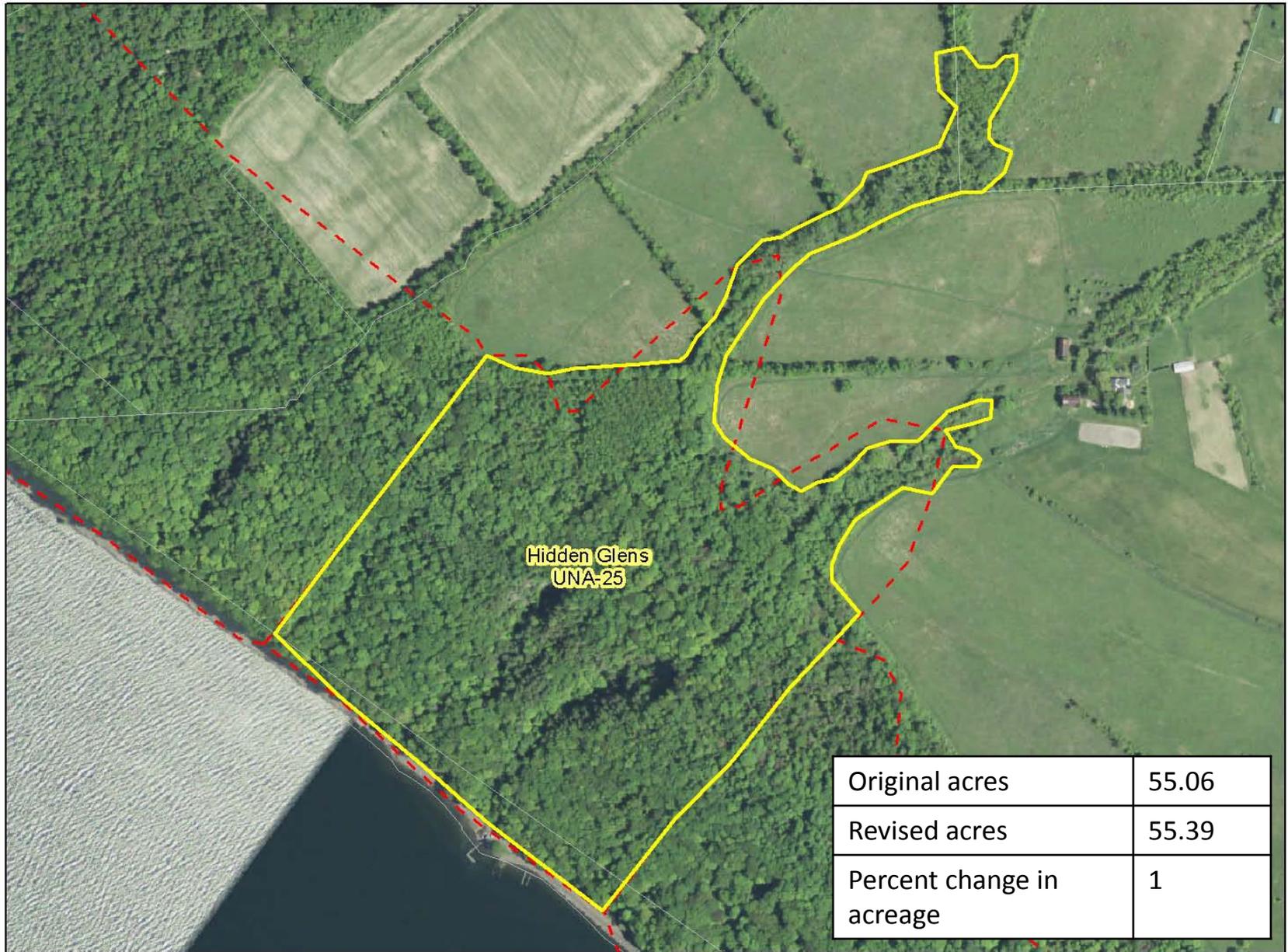




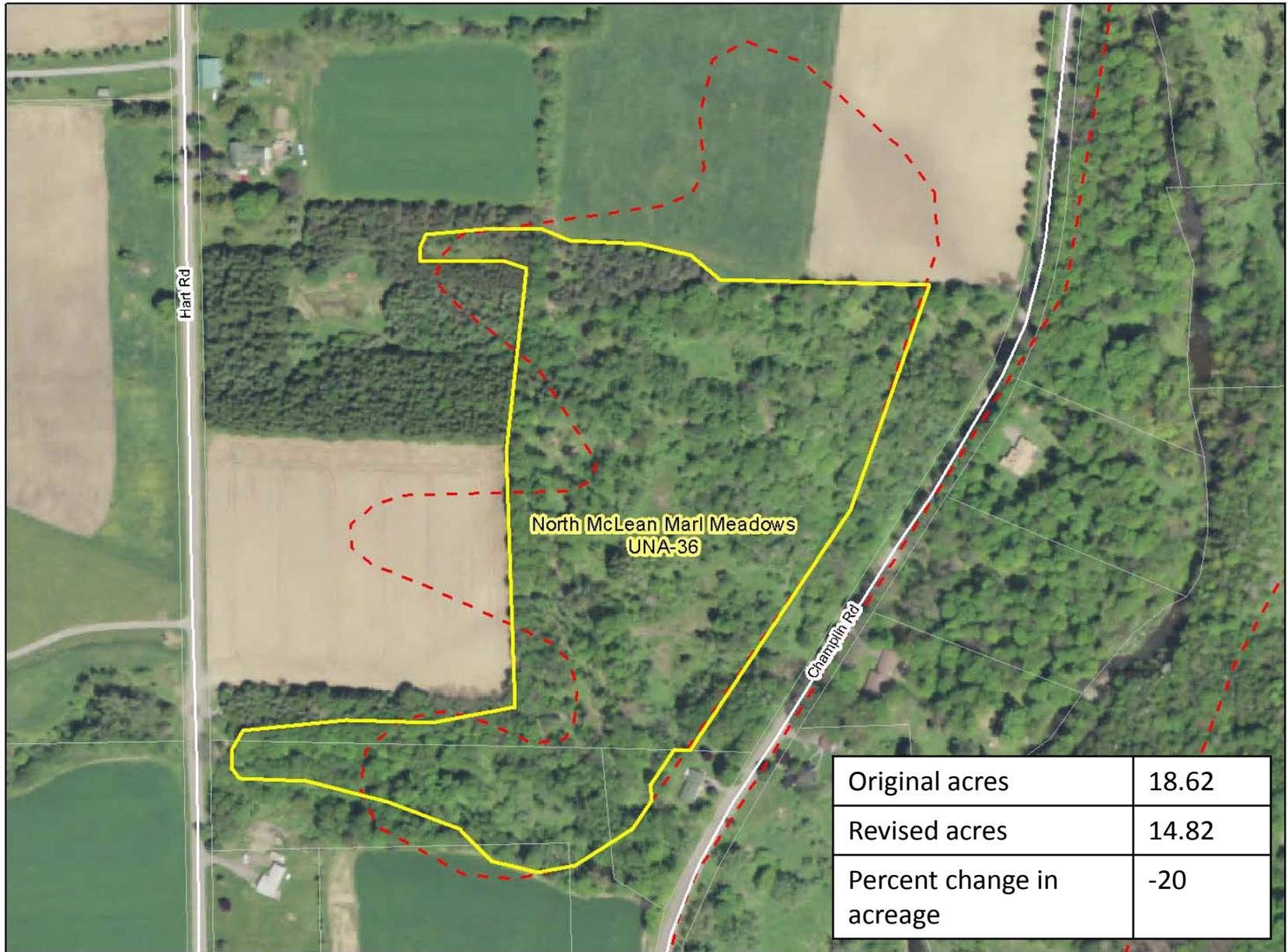
| | |
|---------------------------|--------|
| Original acres | 255.95 |
| Revised acres | 236.8 |
| Percent change in acreage | -7 |



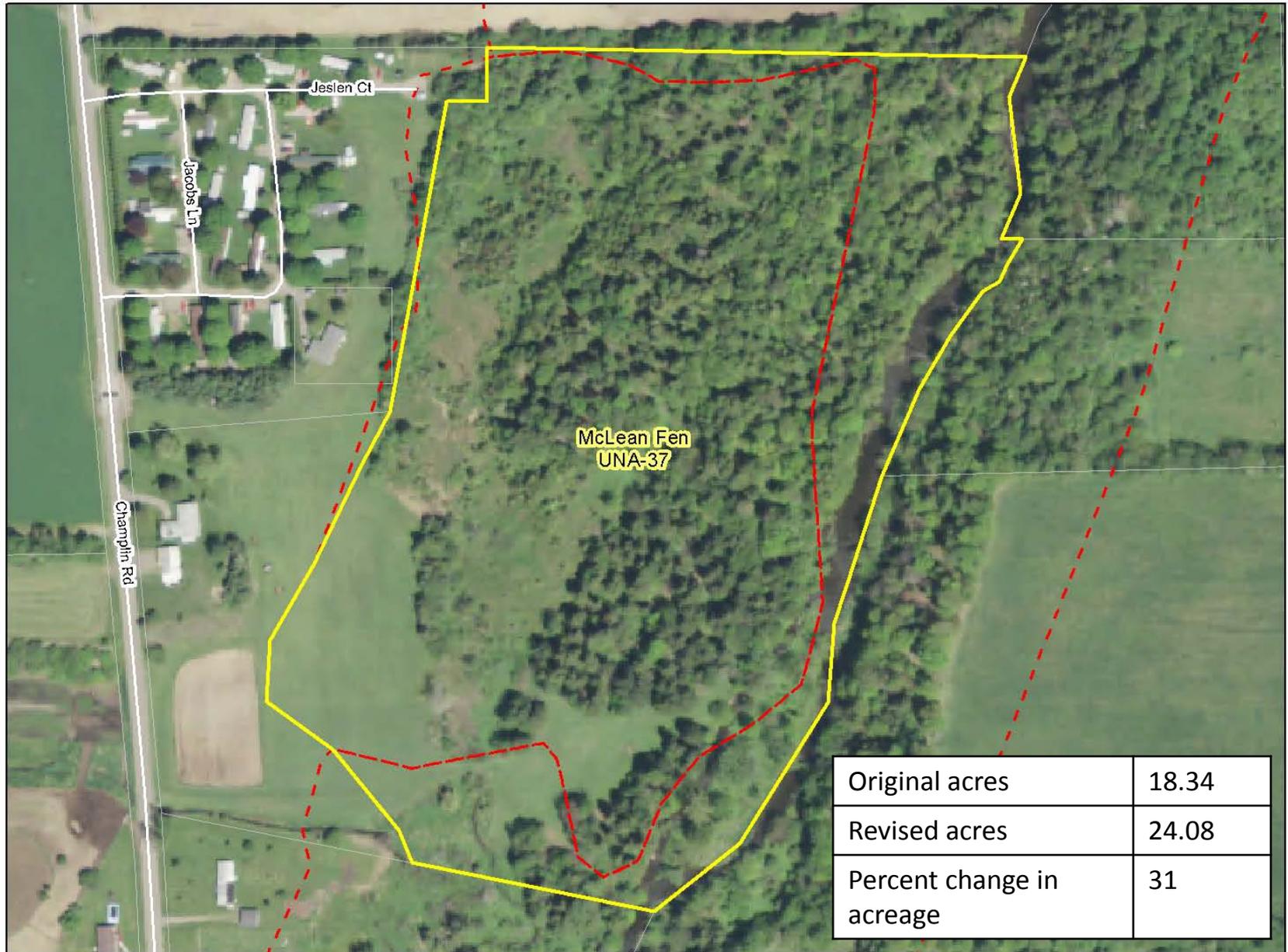
| | |
|---------------------------|--------|
| Original acres | 101.66 |
| Revised acres | 101.5 |
| Percent change in acreage | 0 |



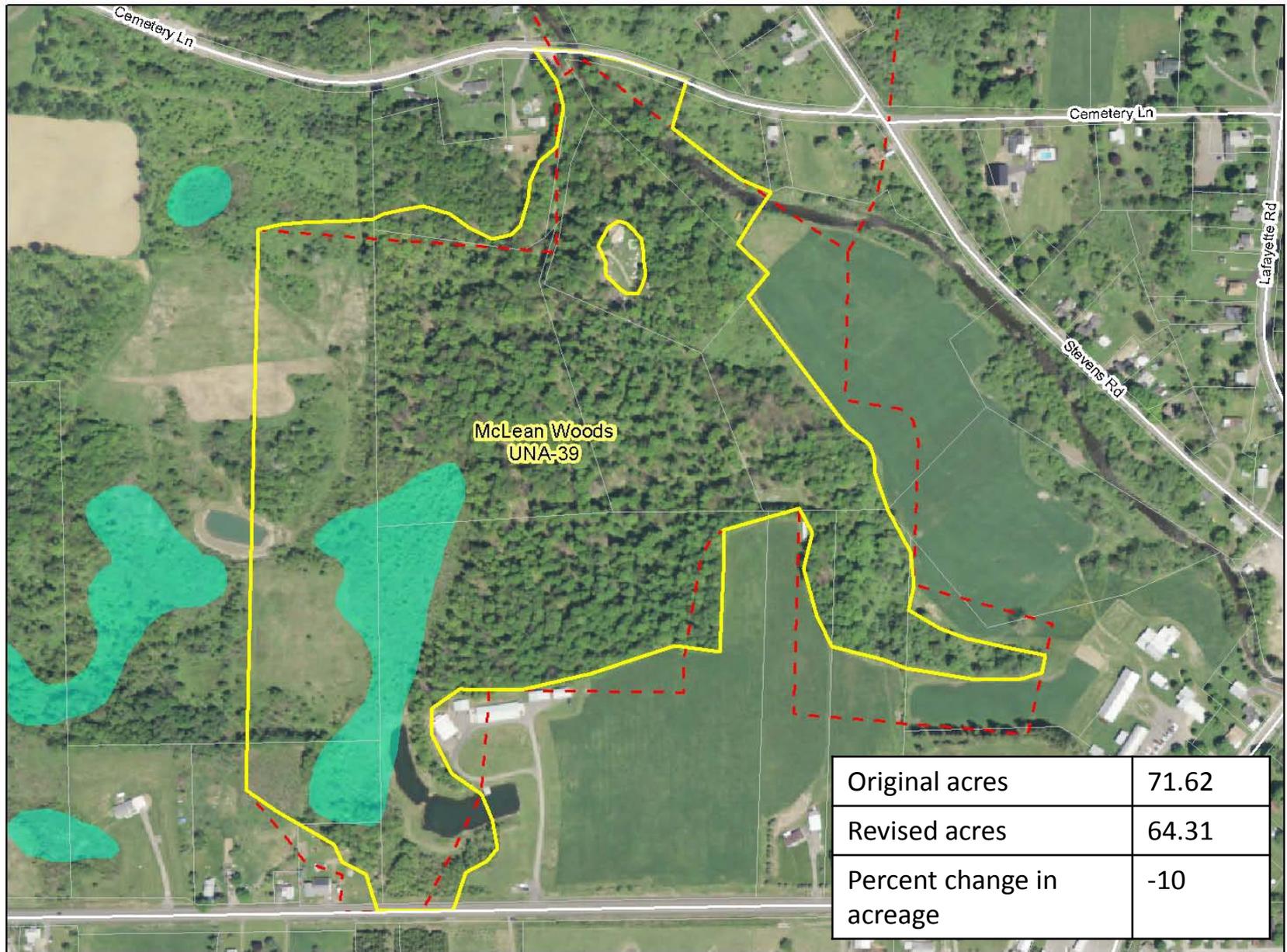
| | |
|---------------------------|-------|
| Original acres | 55.06 |
| Revised acres | 55.39 |
| Percent change in acreage | 1 |

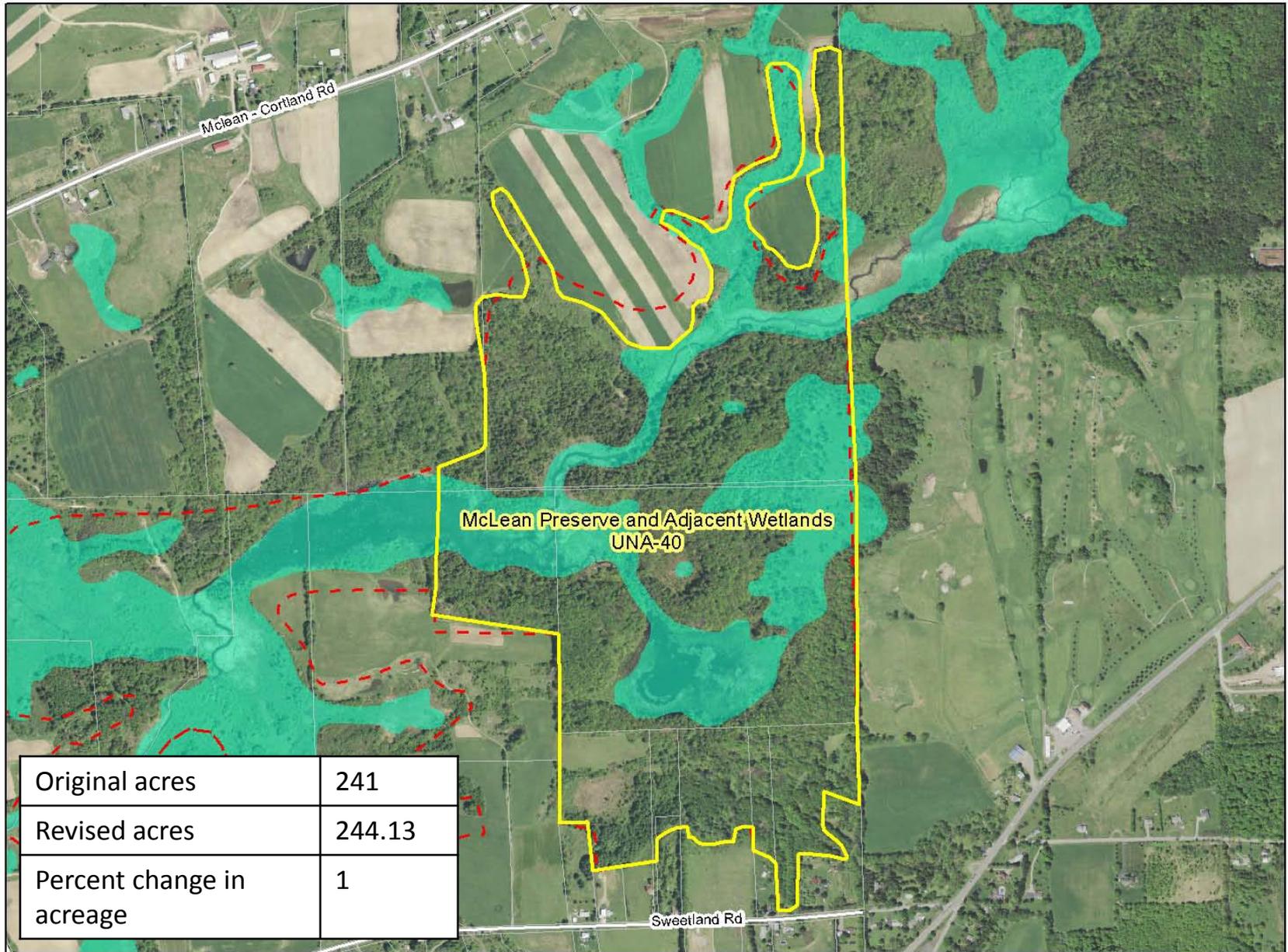


| | |
|---------------------------|-------|
| Original acres | 18.62 |
| Revised acres | 14.82 |
| Percent change in acreage | -20 |



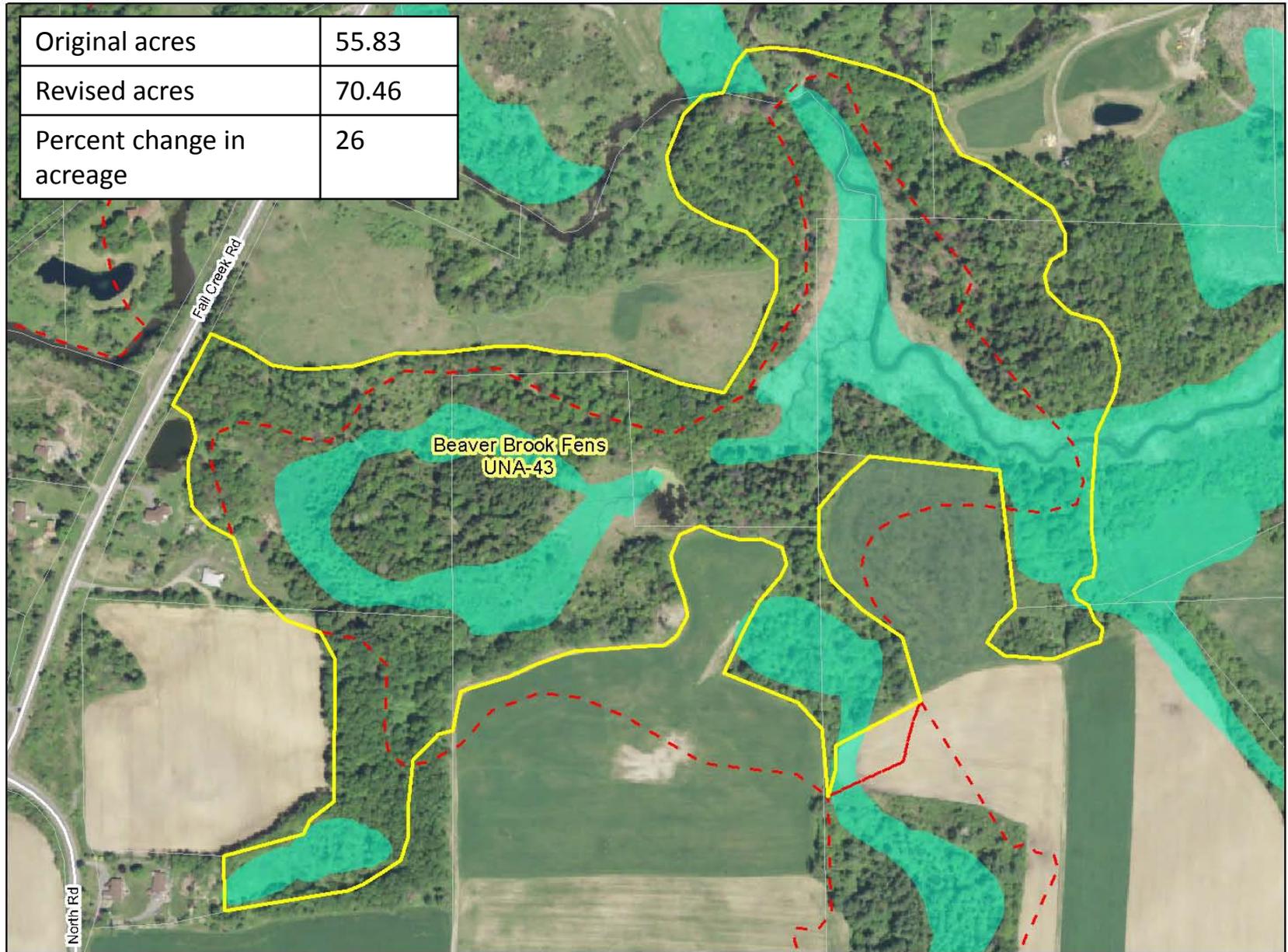
| | |
|---------------------------|-------|
| Original acres | 18.34 |
| Revised acres | 24.08 |
| Percent change in acreage | 31 |



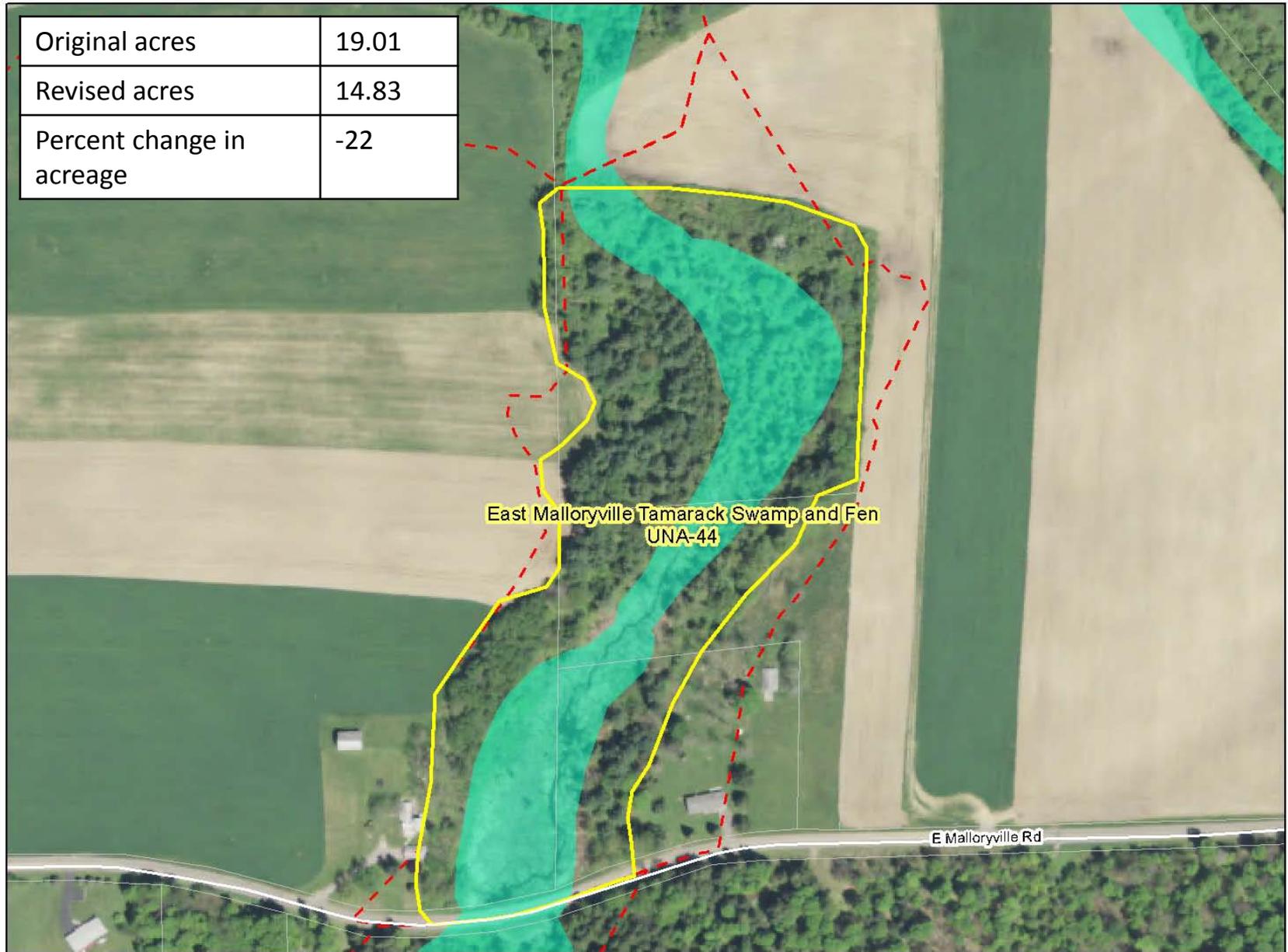


| | |
|---------------------------|--------|
| Original acres | 241 |
| Revised acres | 244.13 |
| Percent change in acreage | 1 |

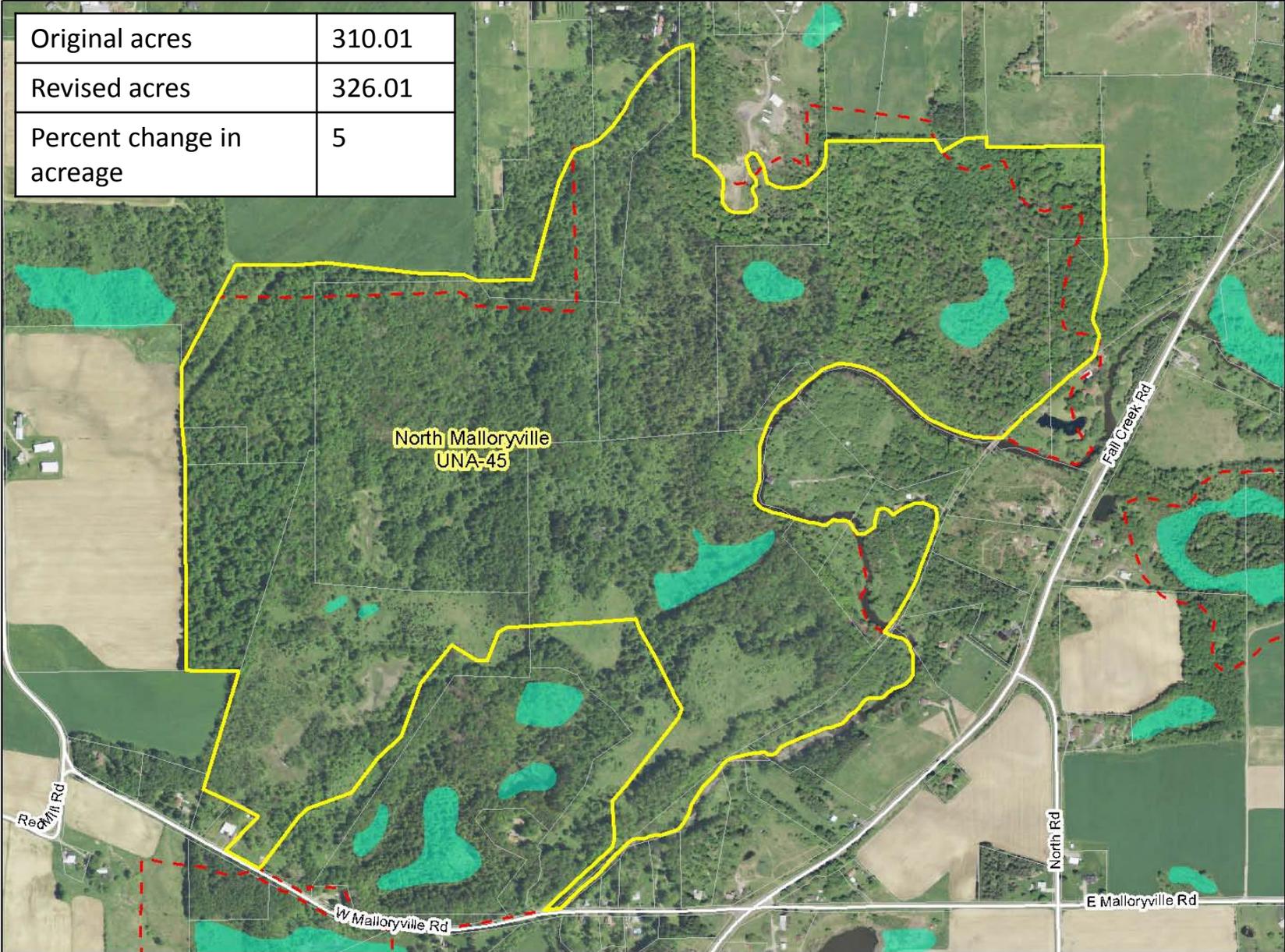
| | |
|---------------------------|-------|
| Original acres | 55.83 |
| Revised acres | 70.46 |
| Percent change in acreage | 26 |



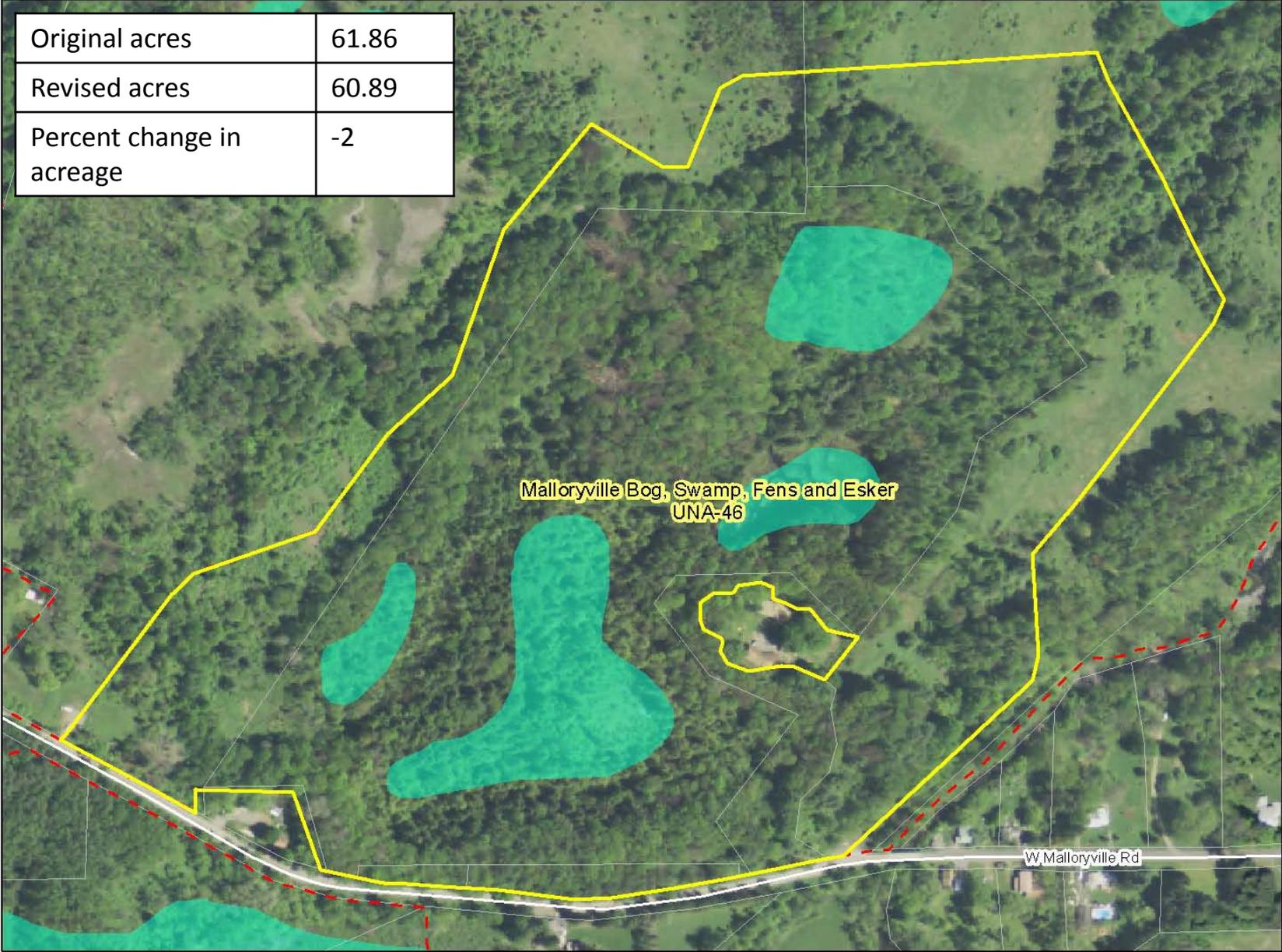
| | |
|---------------------------|-------|
| Original acres | 19.01 |
| Revised acres | 14.83 |
| Percent change in acreage | -22 |

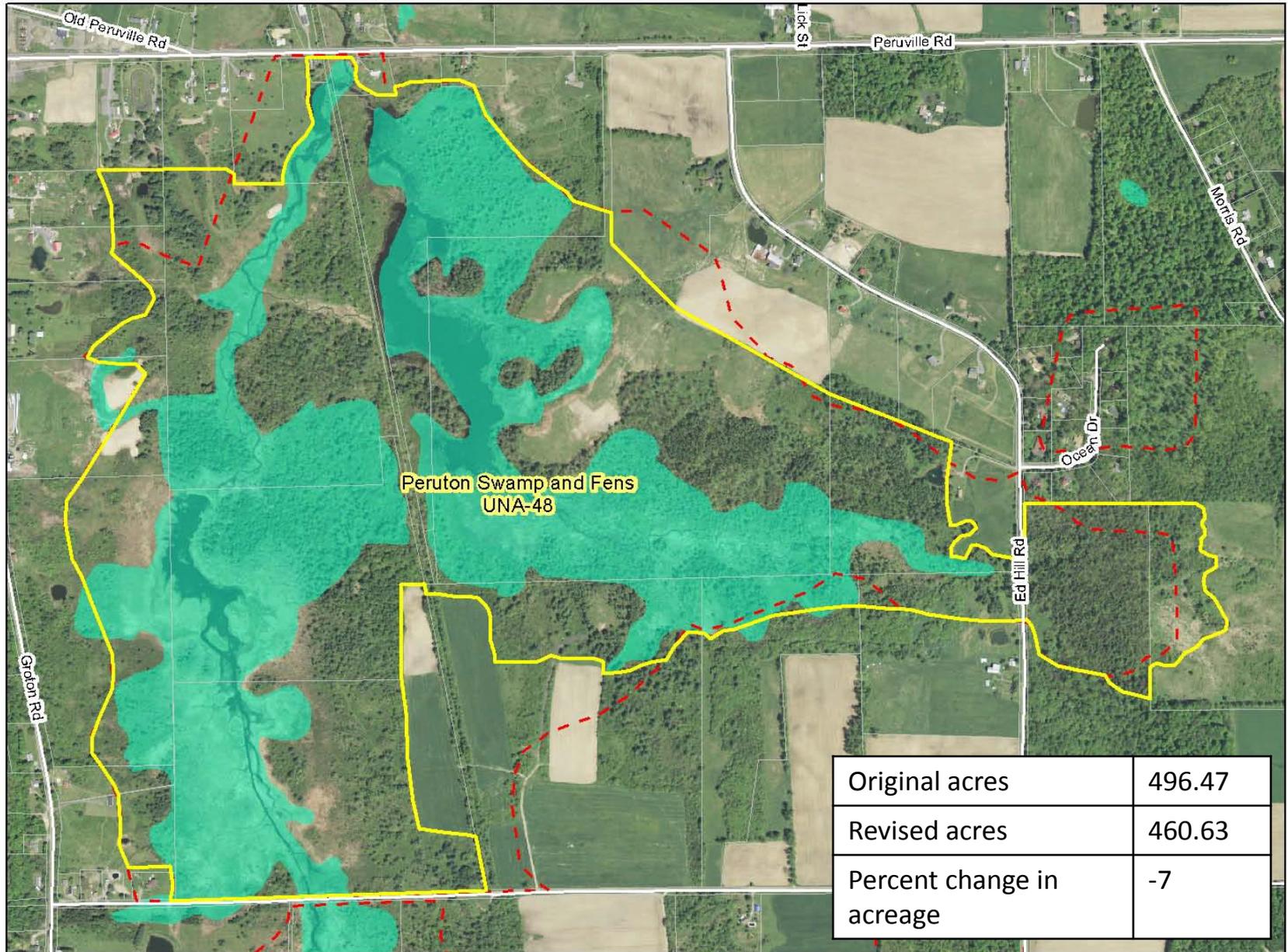


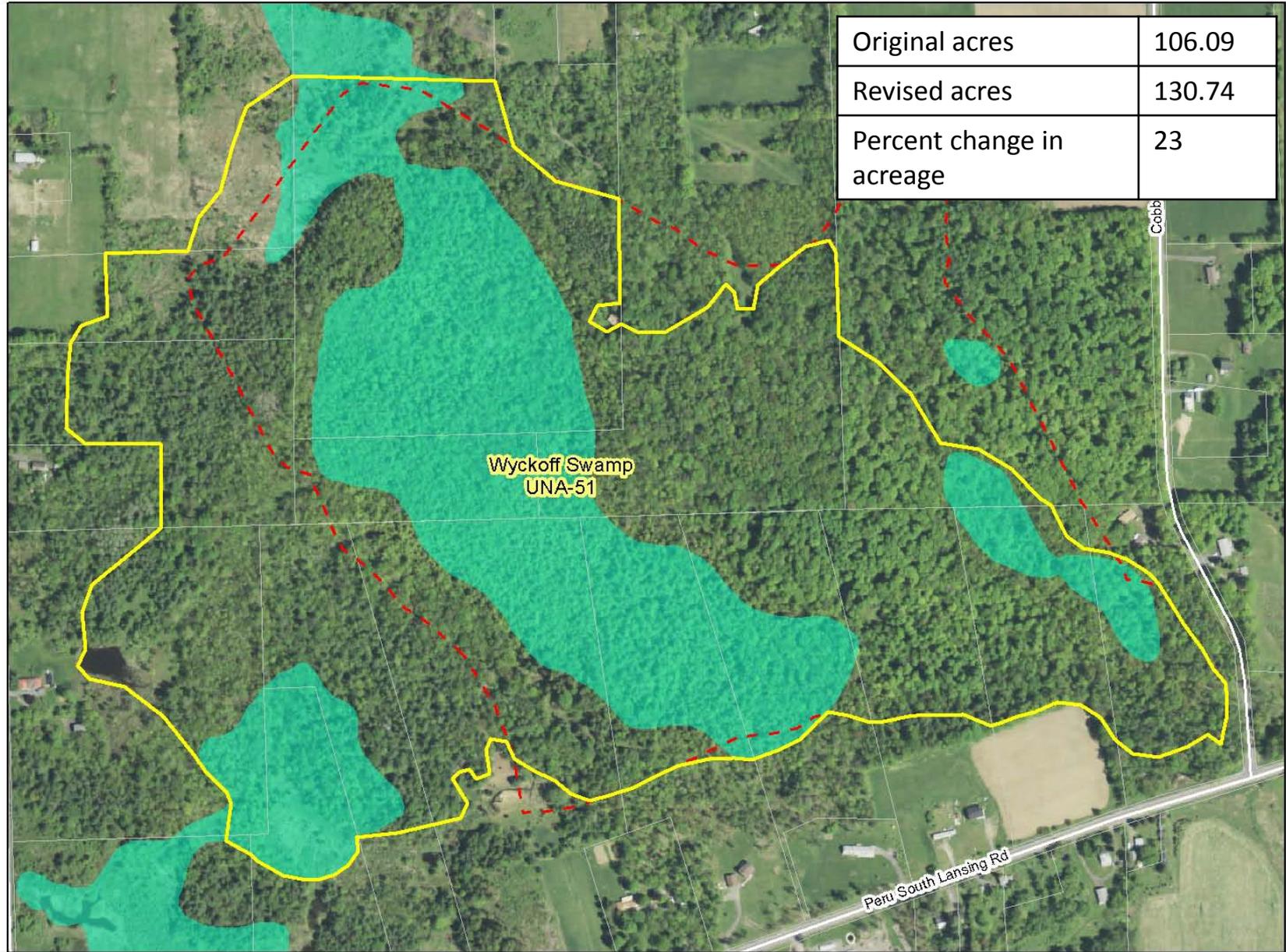
| | |
|---------------------------|--------|
| Original acres | 310.01 |
| Revised acres | 326.01 |
| Percent change in acreage | 5 |

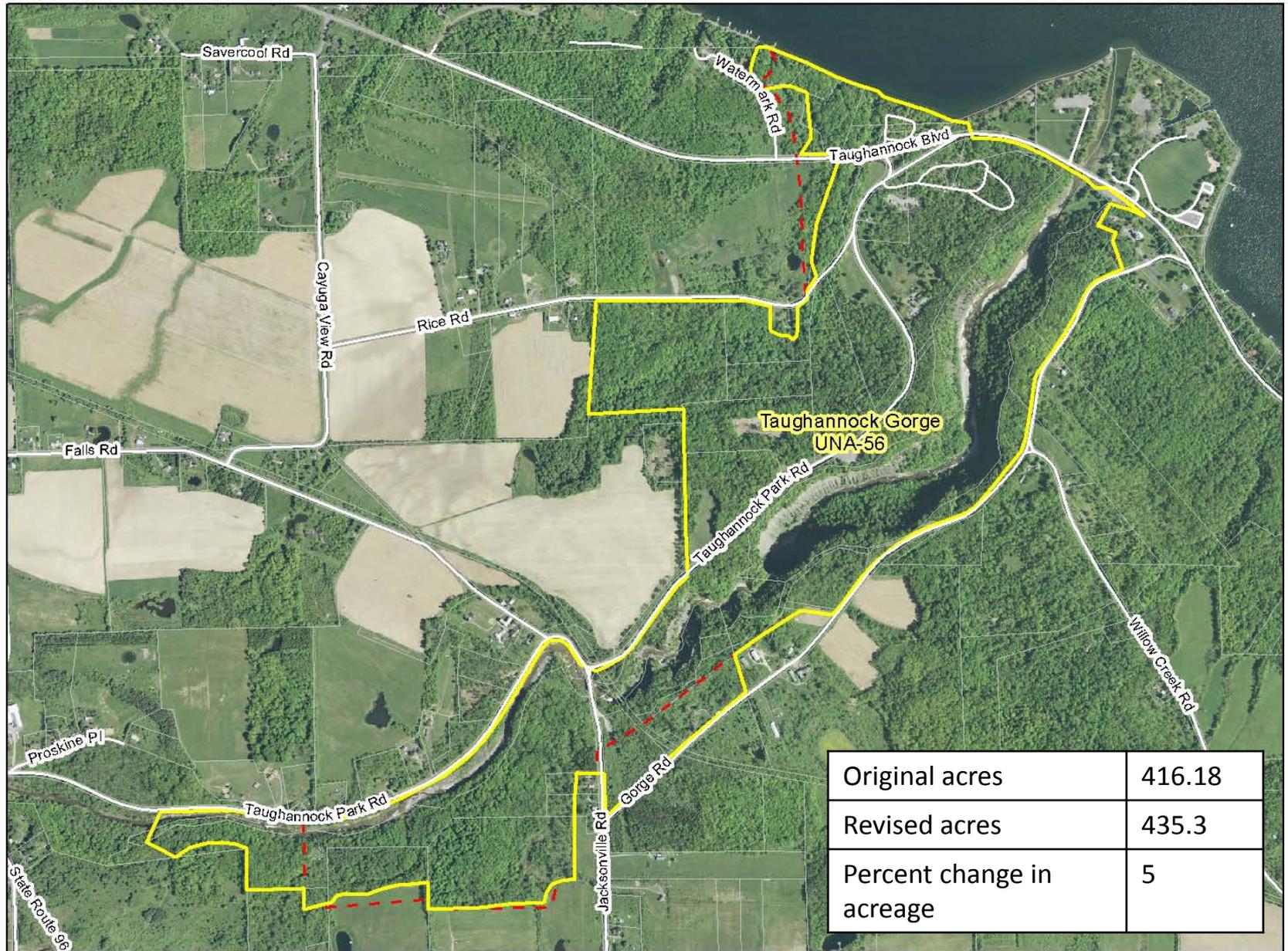


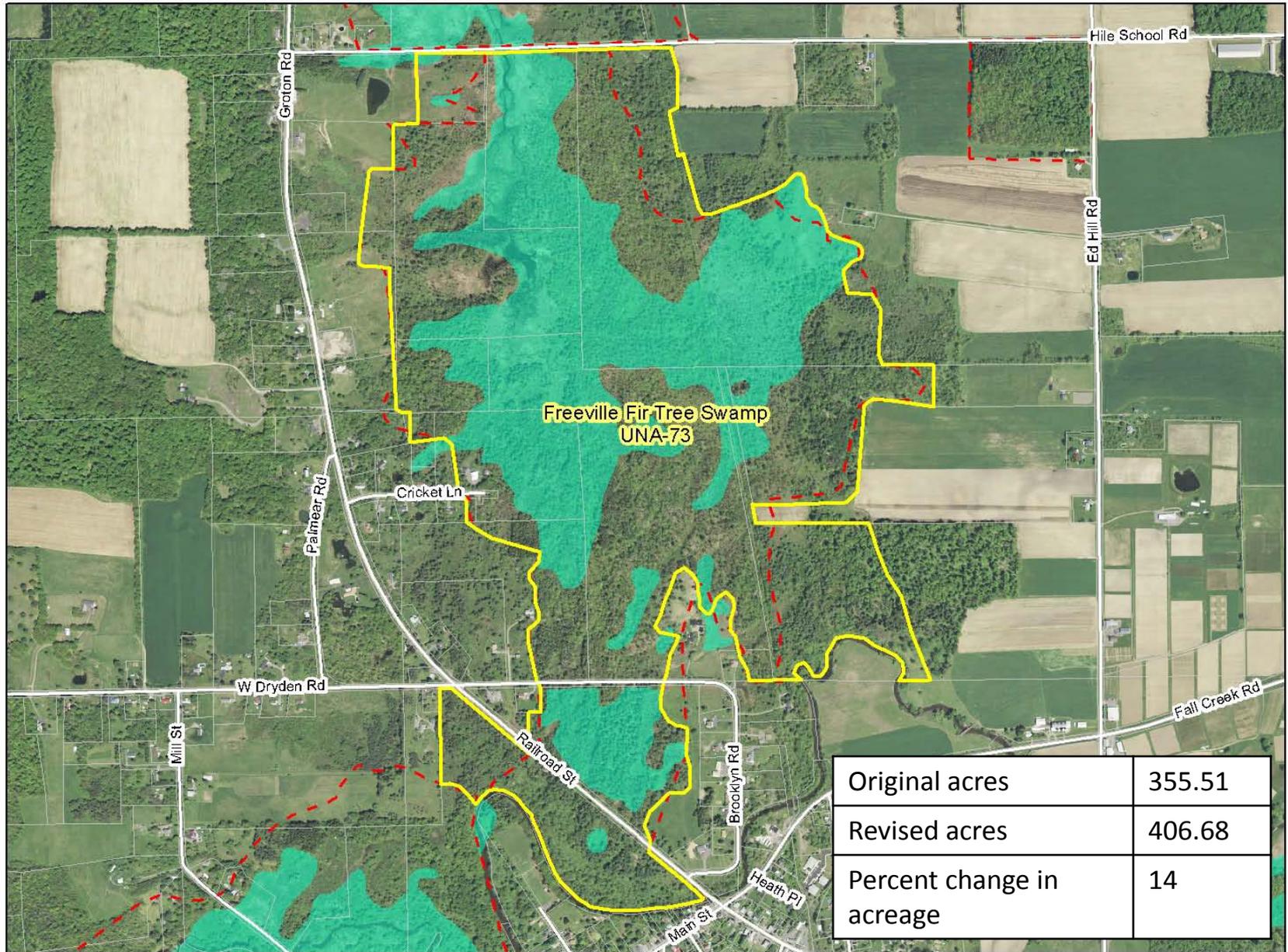
| | |
|---------------------------|-------|
| Original acres | 61.86 |
| Revised acres | 60.89 |
| Percent change in acreage | -2 |

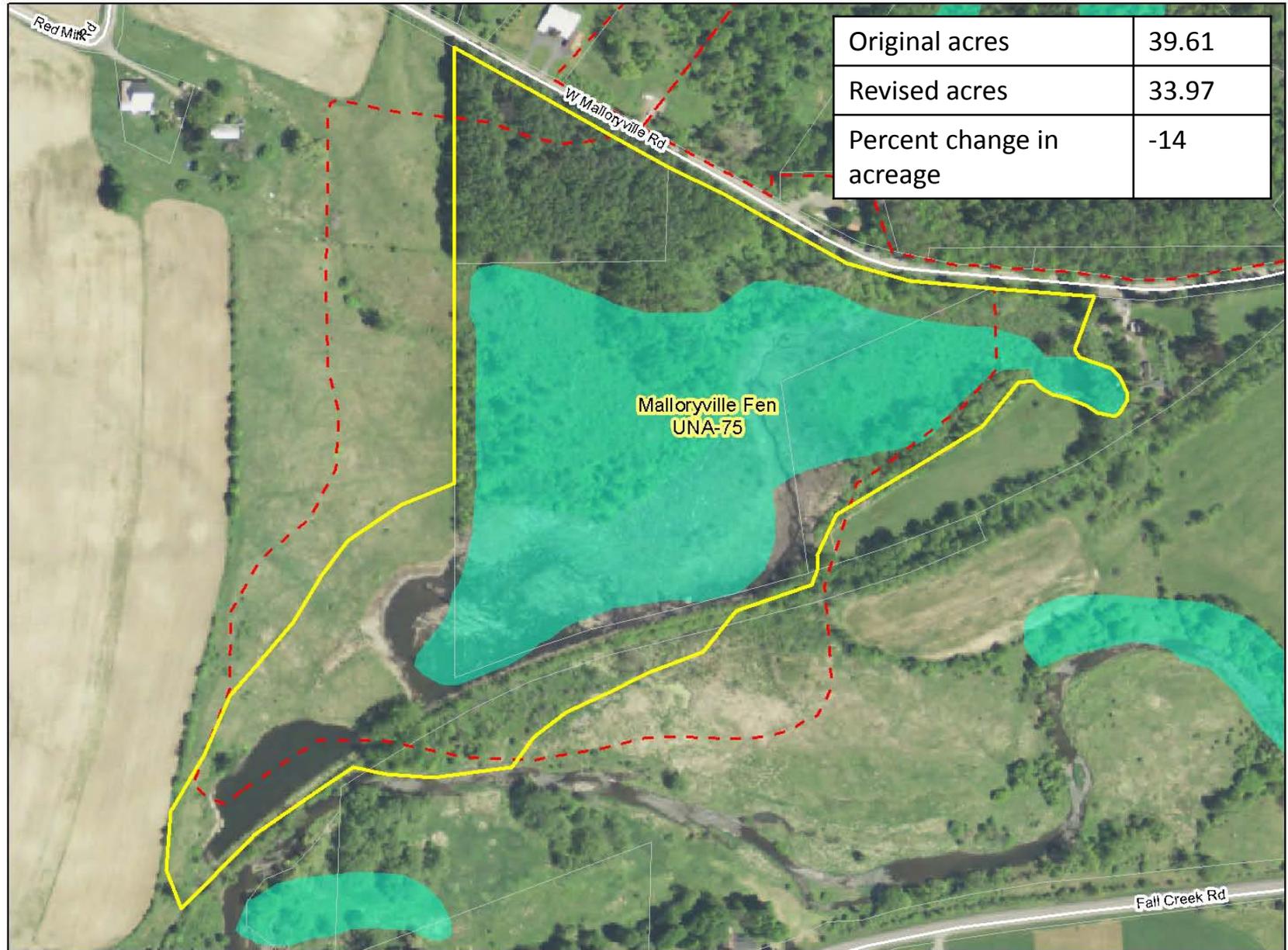




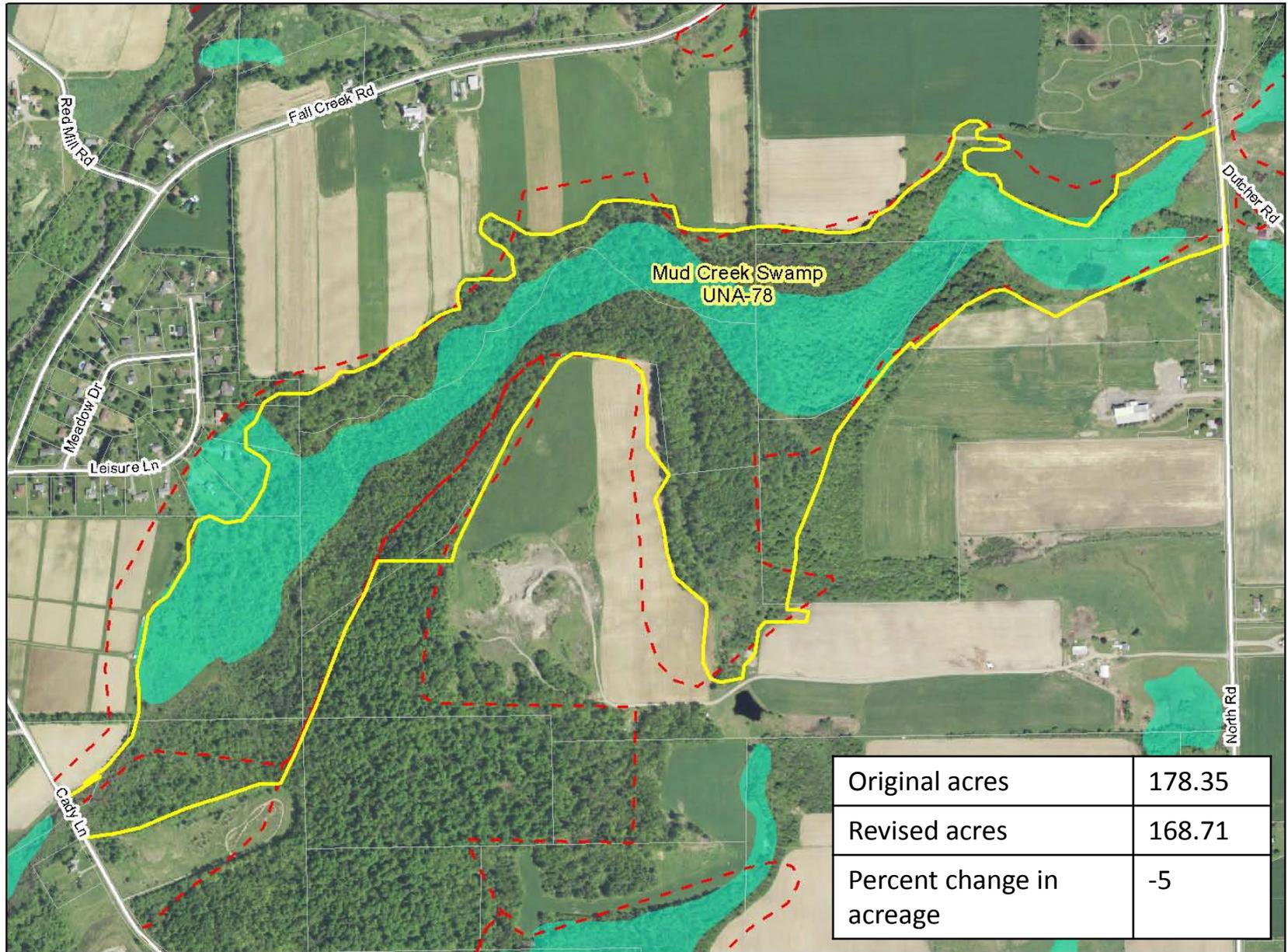


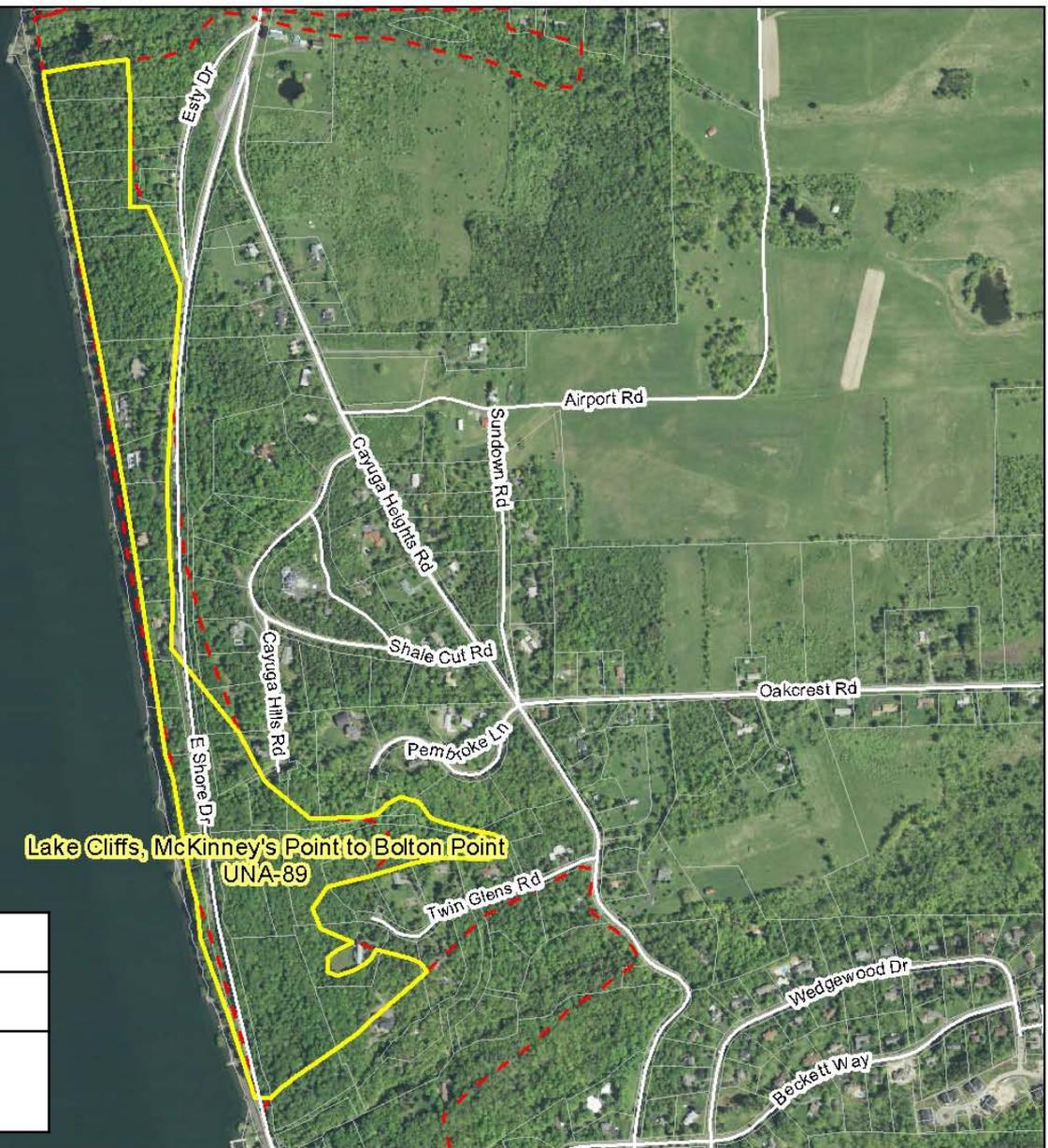




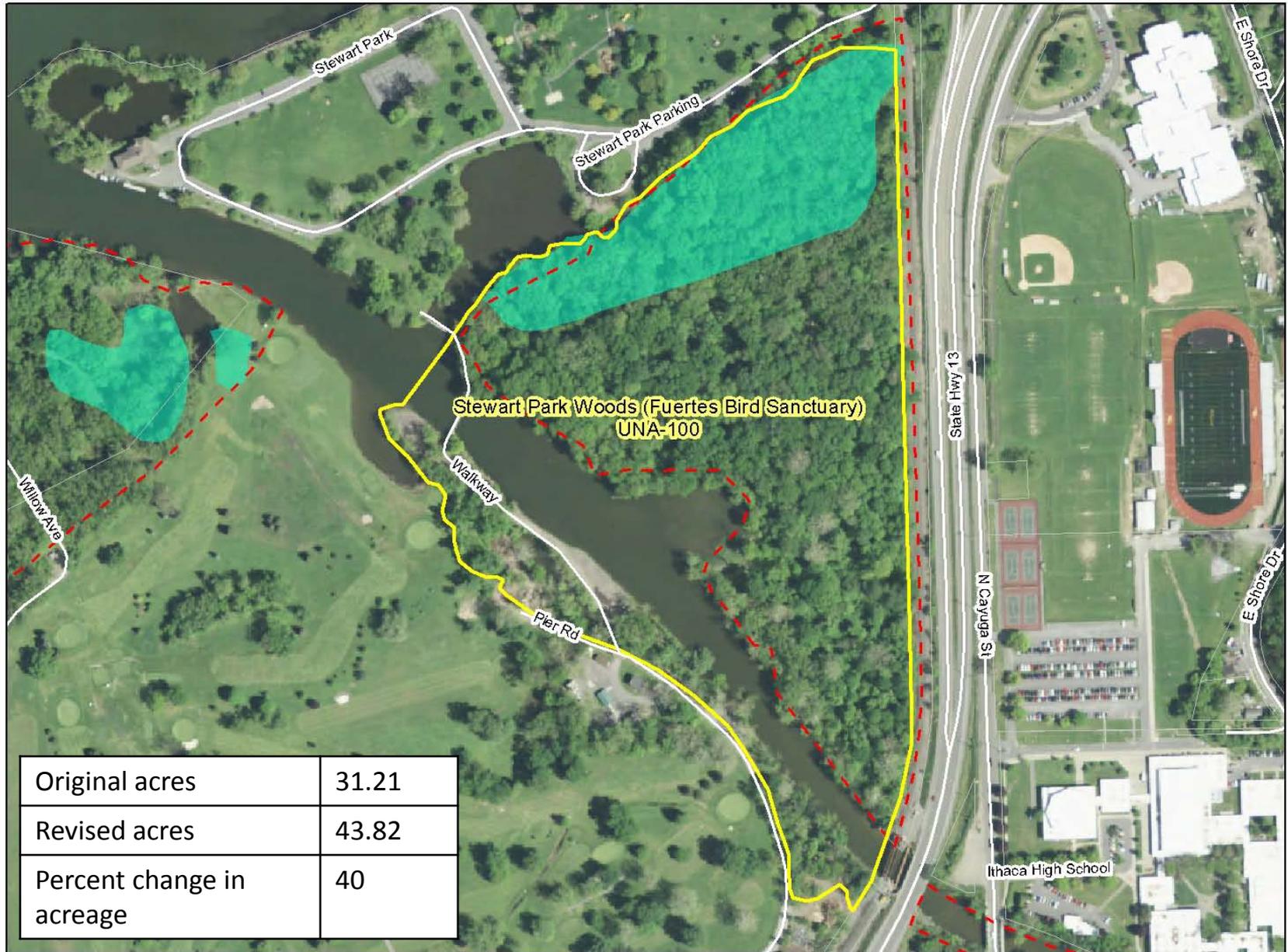


| | |
|---------------------------|-------|
| Original acres | 39.61 |
| Revised acres | 33.97 |
| Percent change in acreage | -14 |

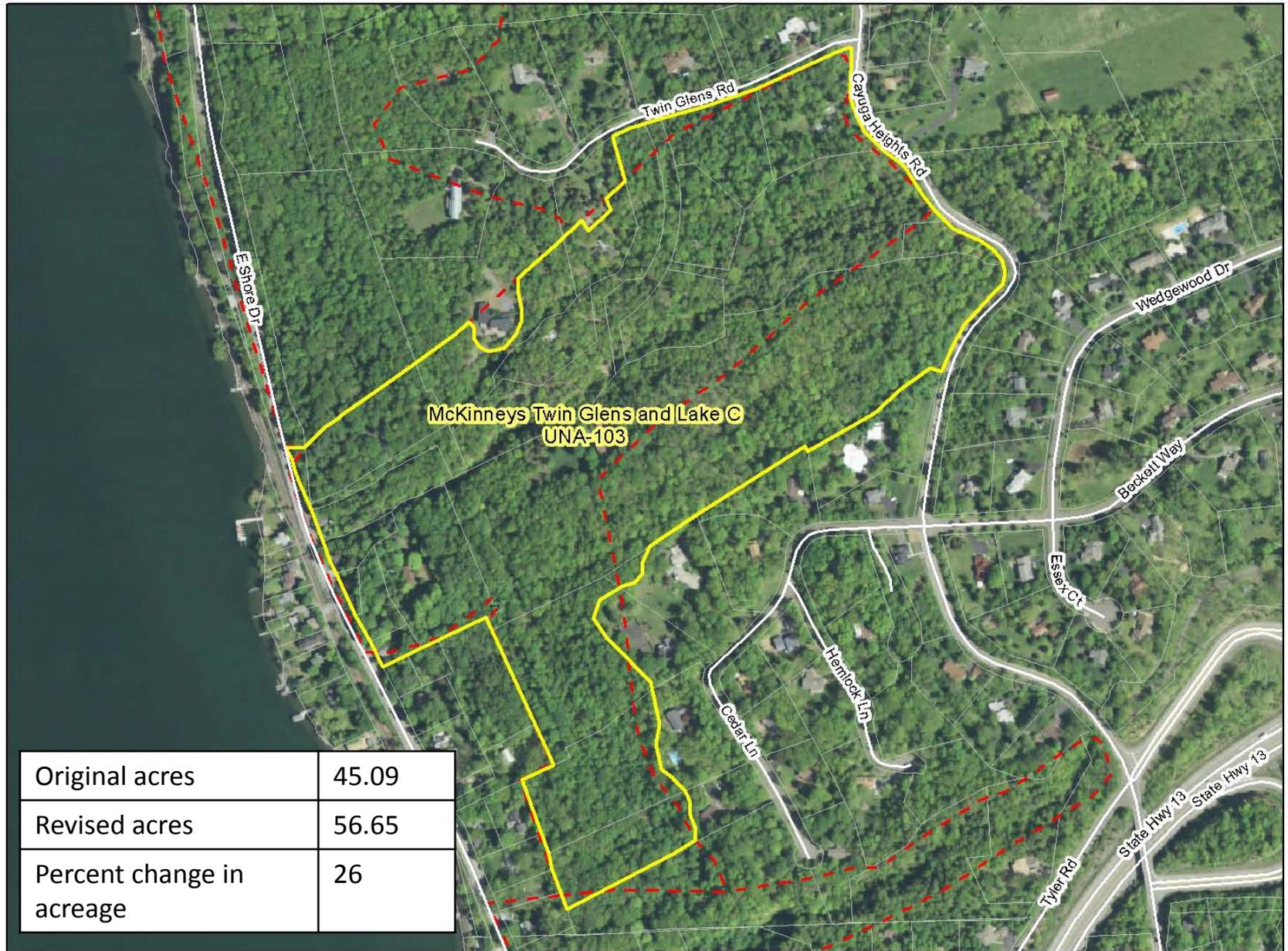


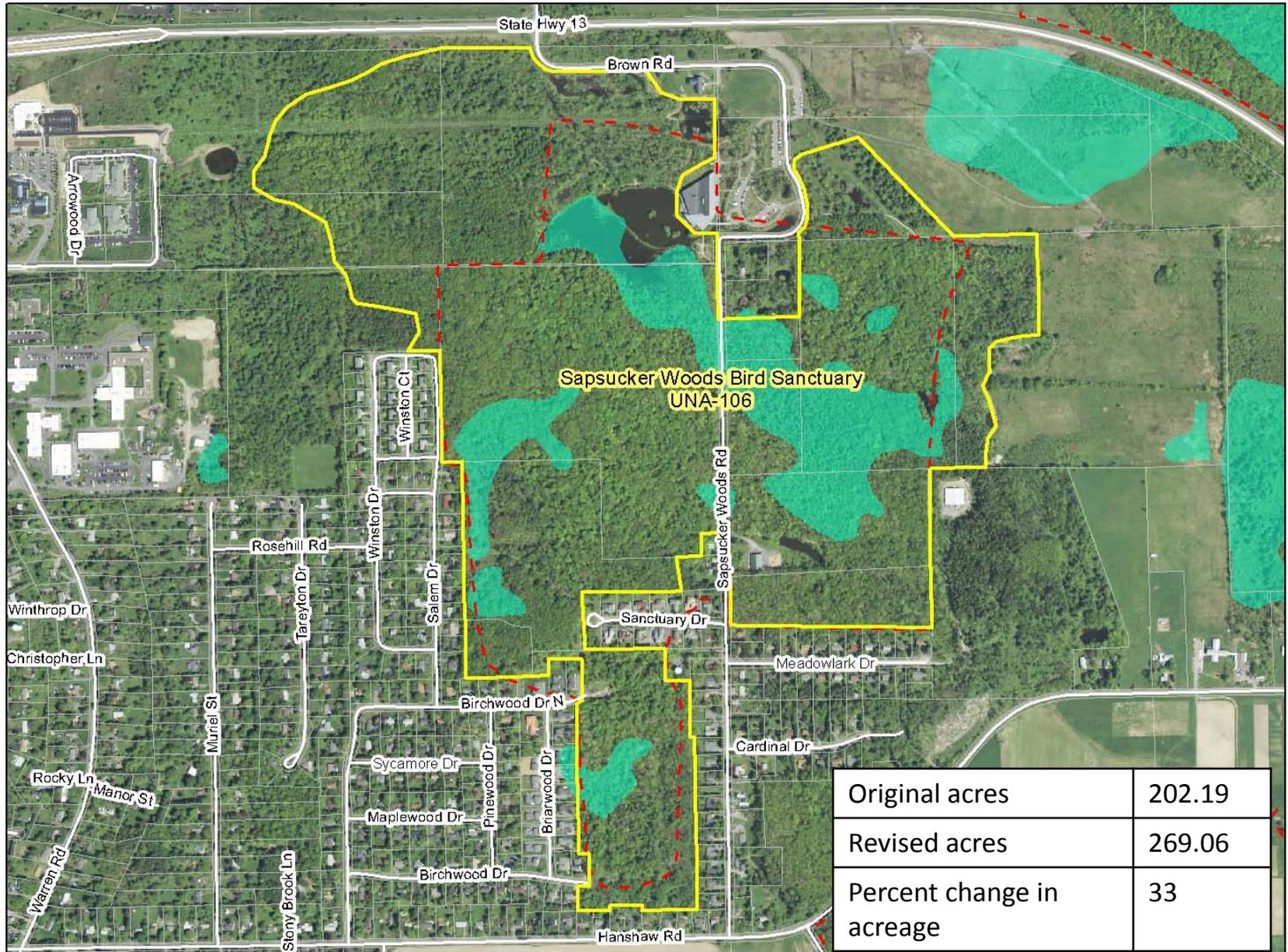


| | |
|---------------------------|-------|
| Original acres | 63.91 |
| Revised acres | 62.74 |
| Percent change in acreage | -2 |

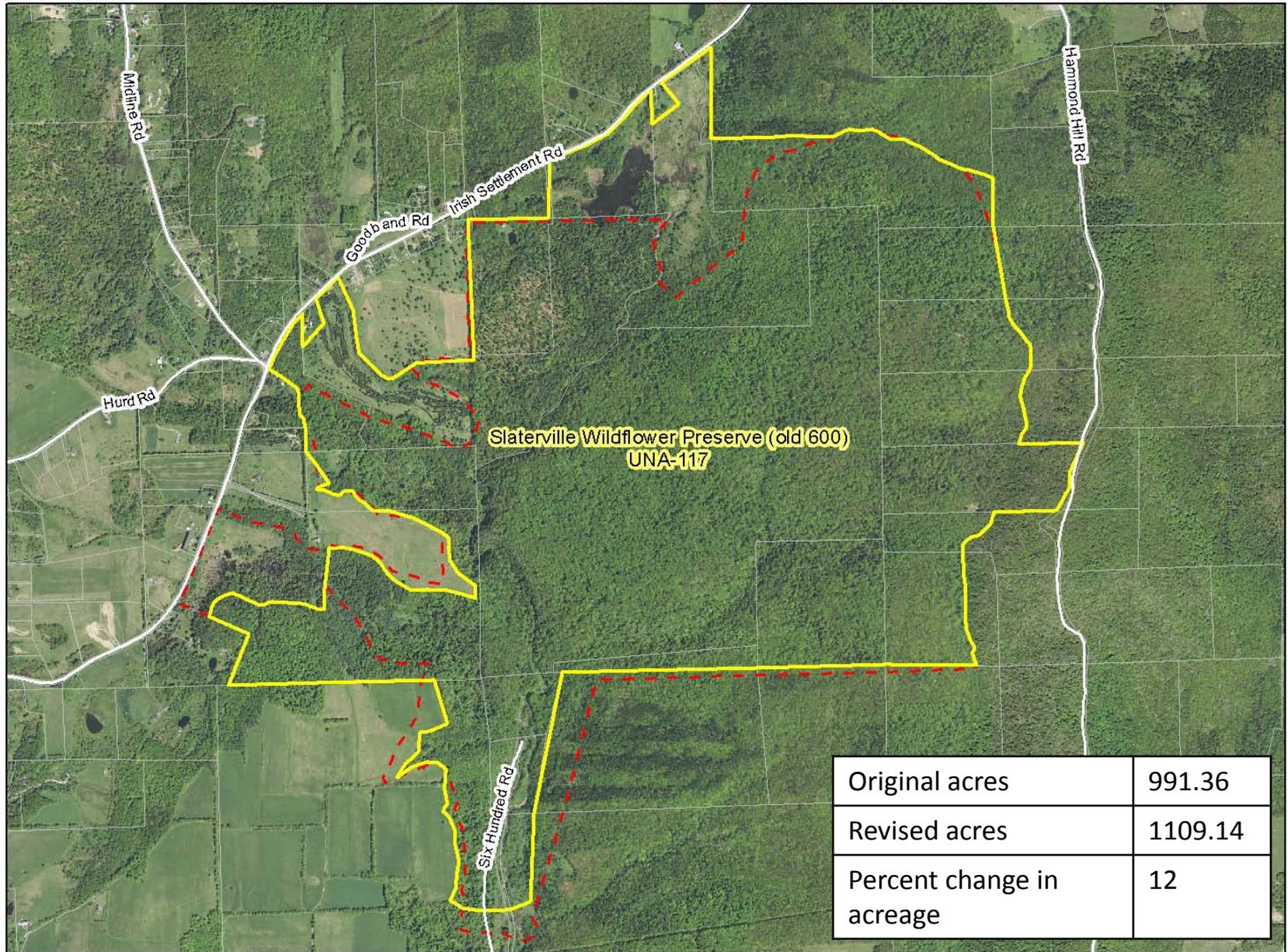


| | |
|---------------------------|-------|
| Original acres | 31.21 |
| Revised acres | 43.82 |
| Percent change in acreage | 40 |



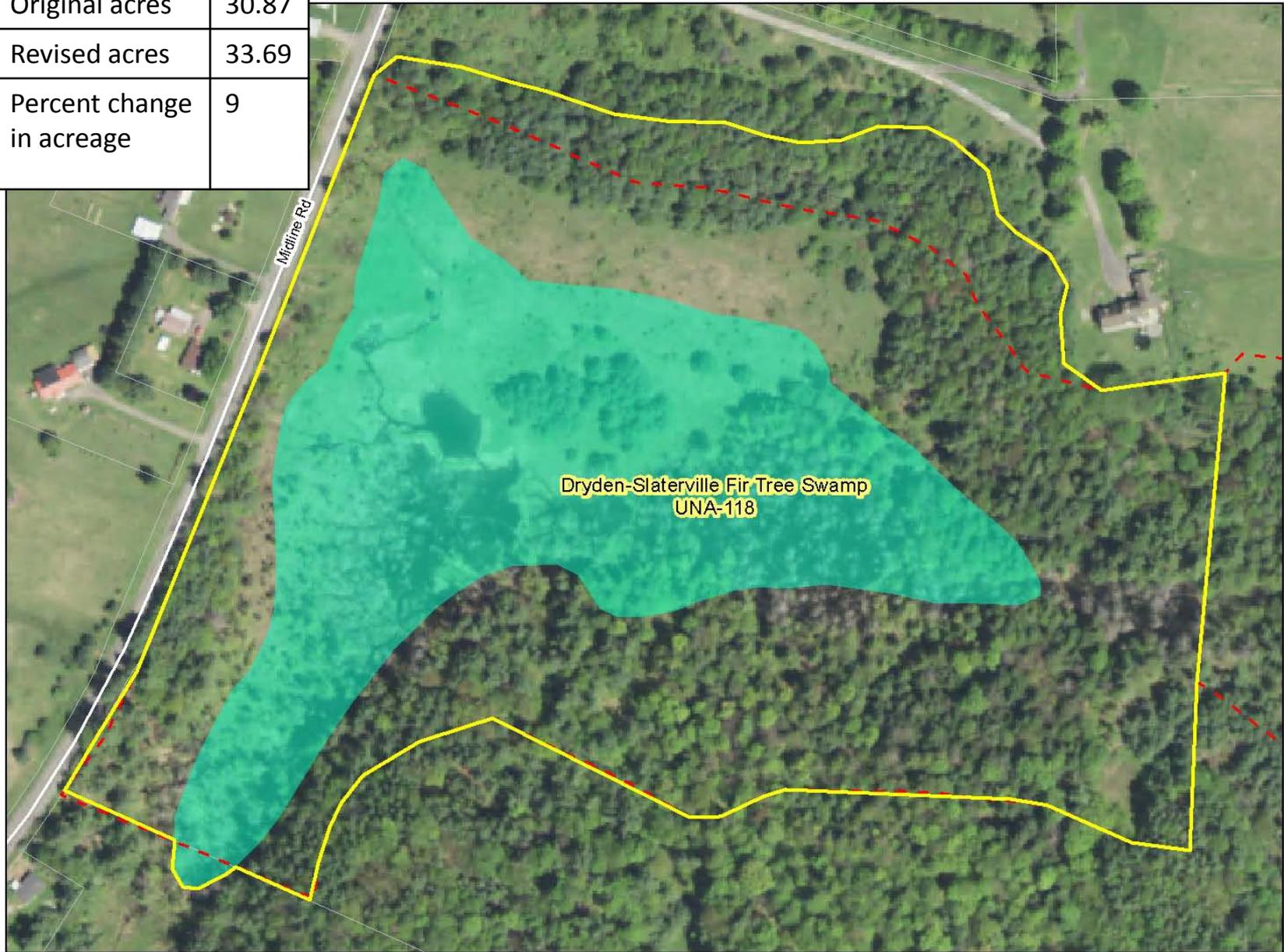


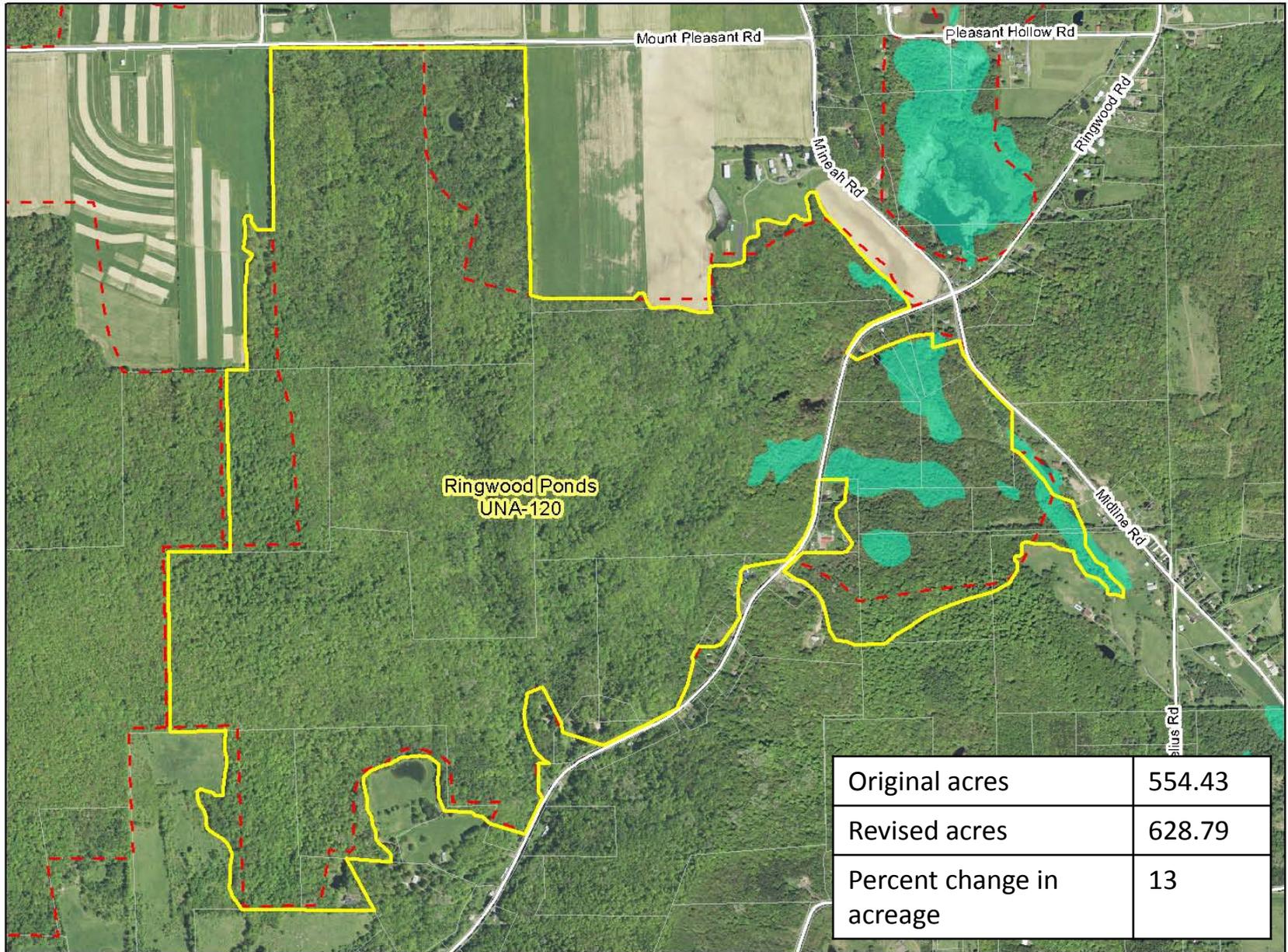
| | |
|---------------------------|--------|
| Original acres | 202.19 |
| Revised acres | 269.06 |
| Percent change in acreage | 33 |

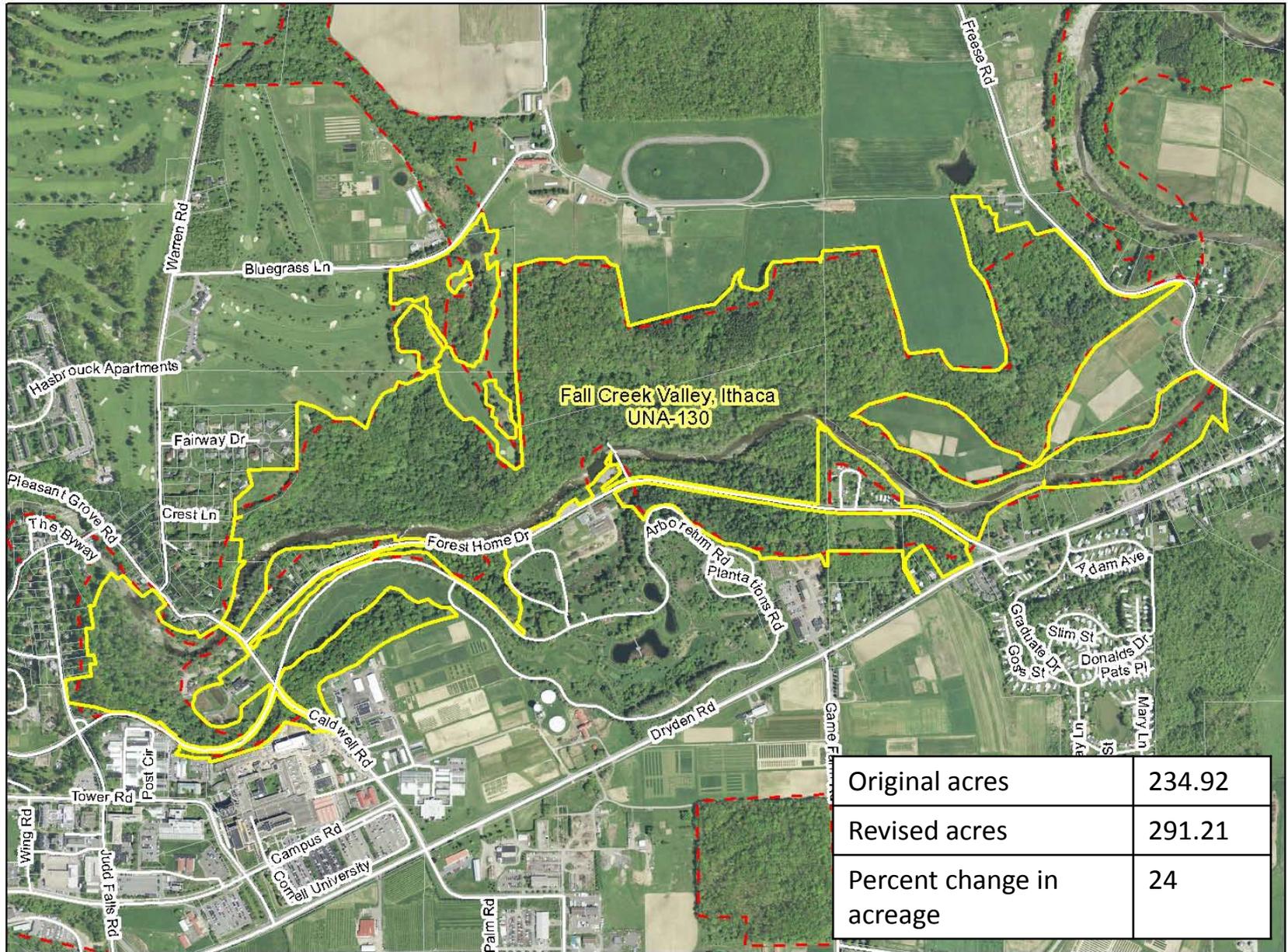


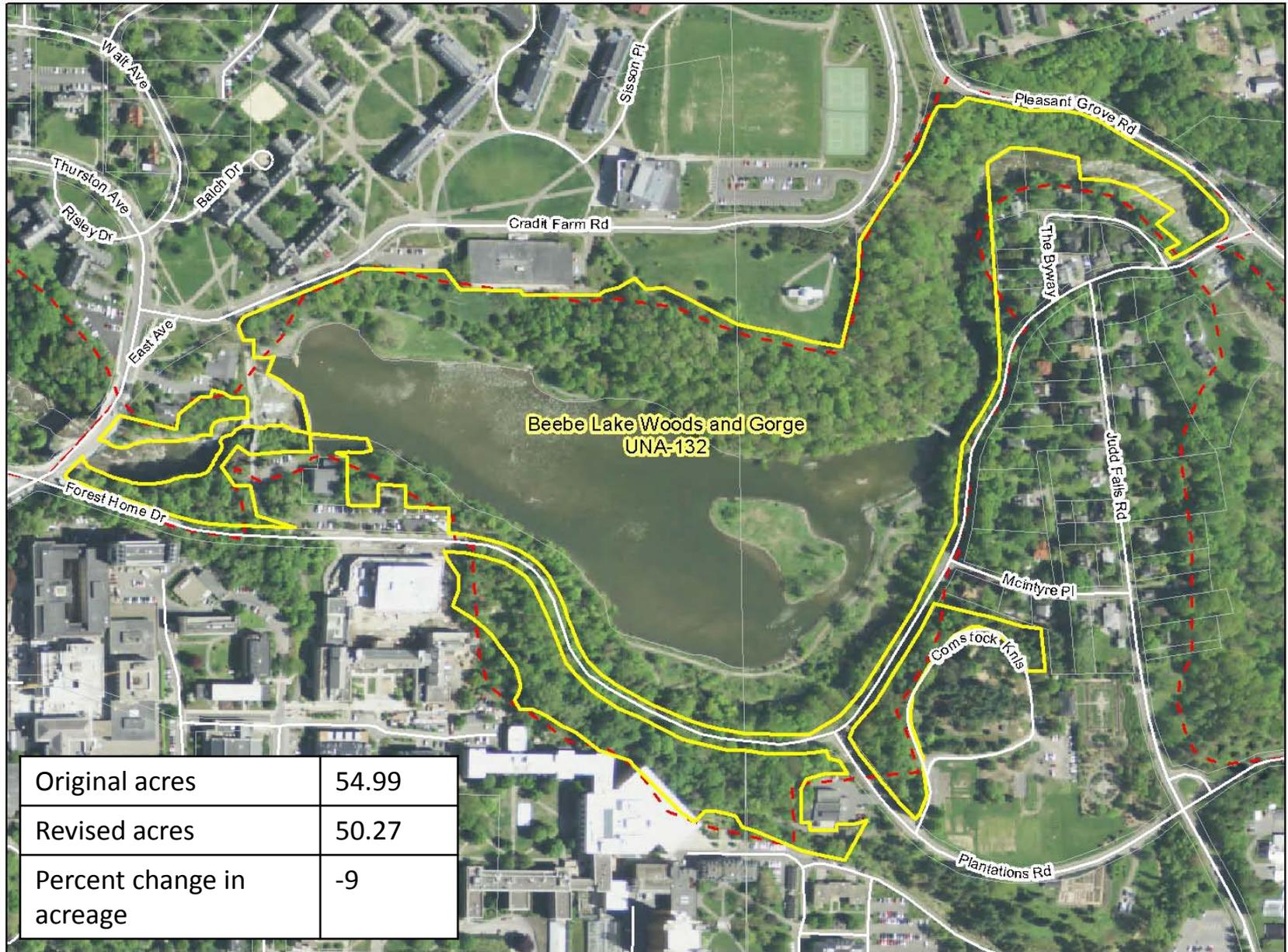
| | |
|---------------------------|---------|
| Original acres | 991.36 |
| Revised acres | 1109.14 |
| Percent change in acreage | 12 |

| | |
|---------------------------|-------|
| Original acres | 30.87 |
| Revised acres | 33.69 |
| Percent change in acreage | 9 |



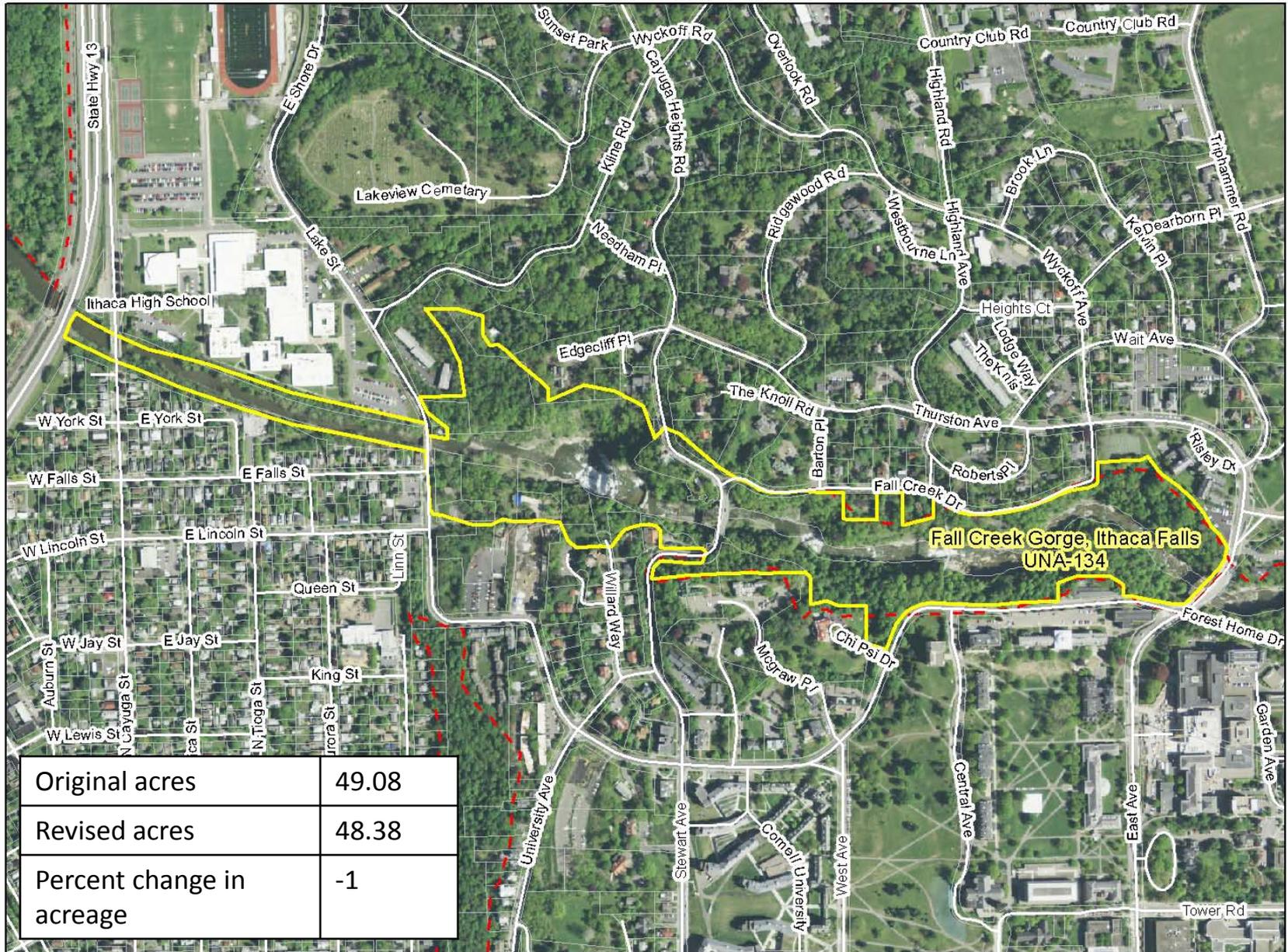


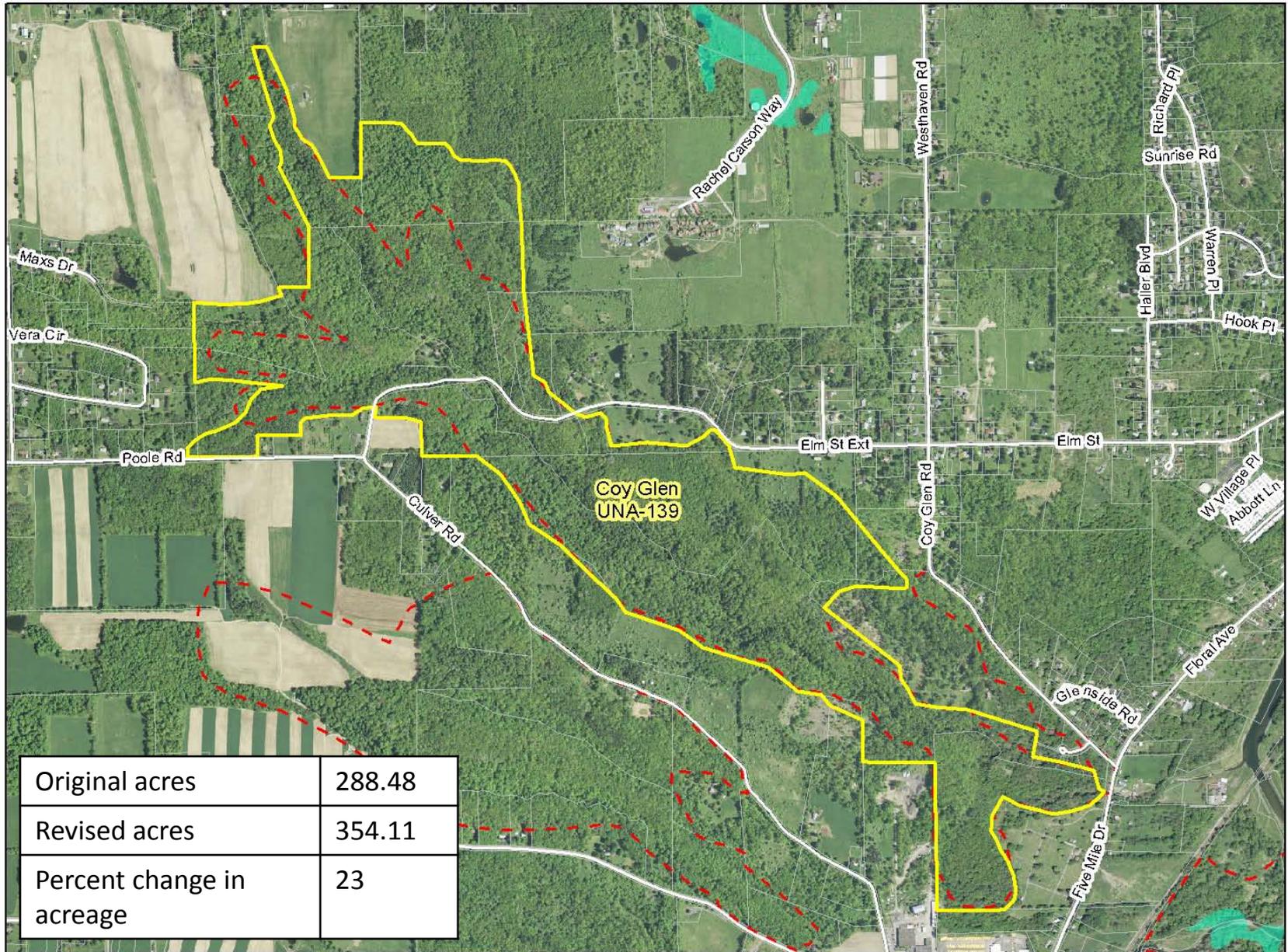


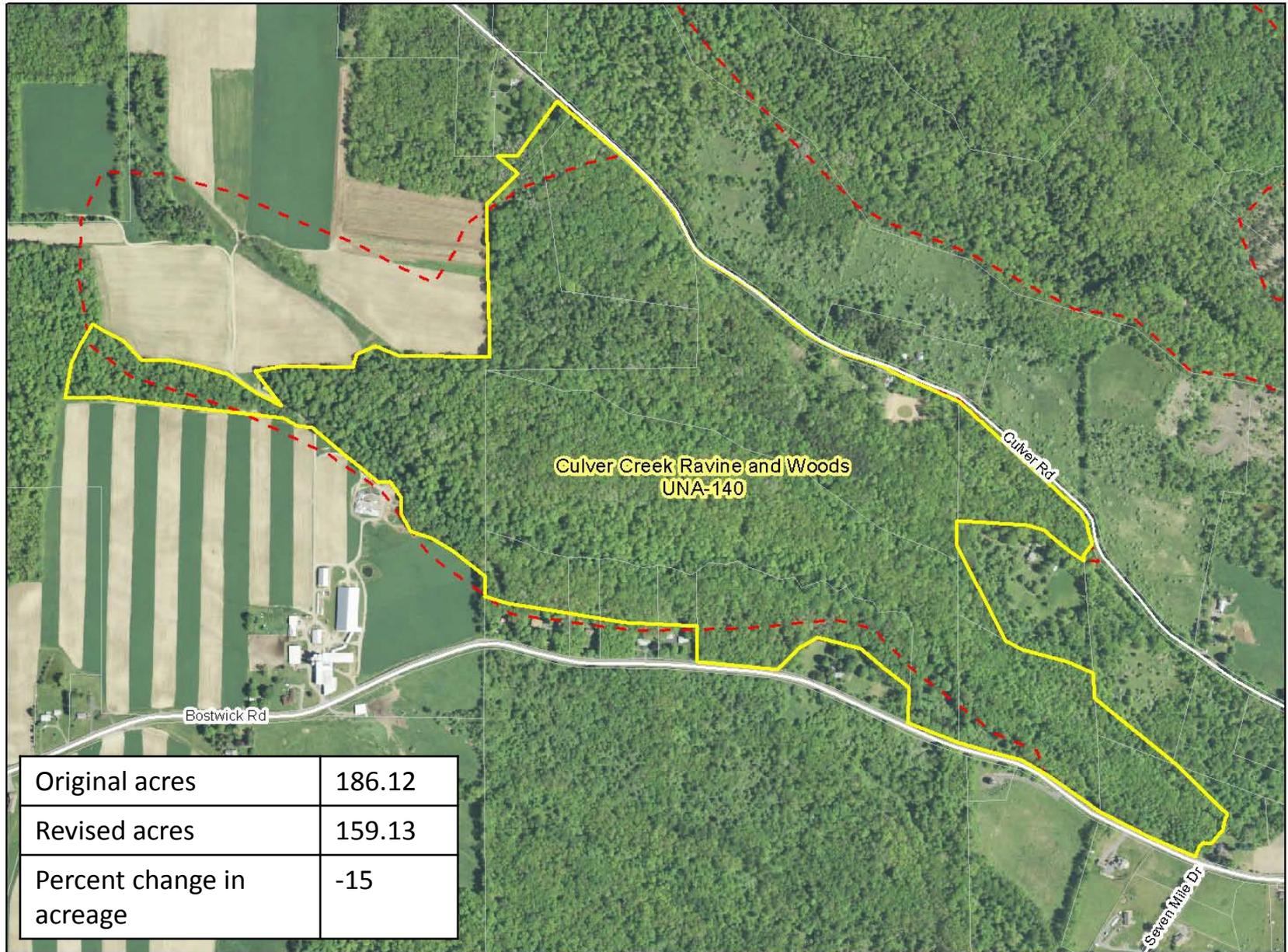


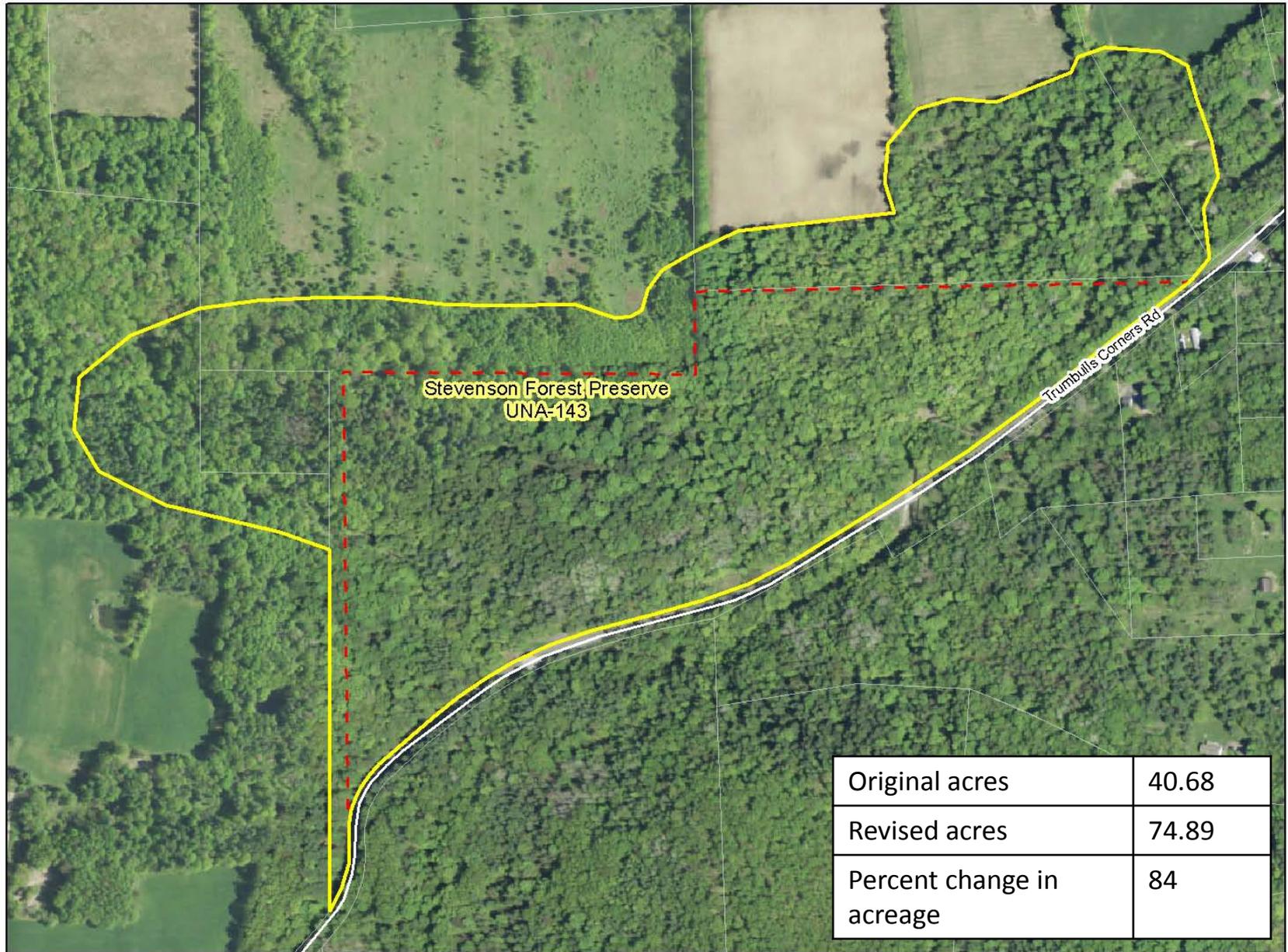
Beebe Lake Woods and Gorge
UNA-132

| | |
|---------------------------|-------|
| Original acres | 54.99 |
| Revised acres | 50.27 |
| Percent change in acreage | -9 |

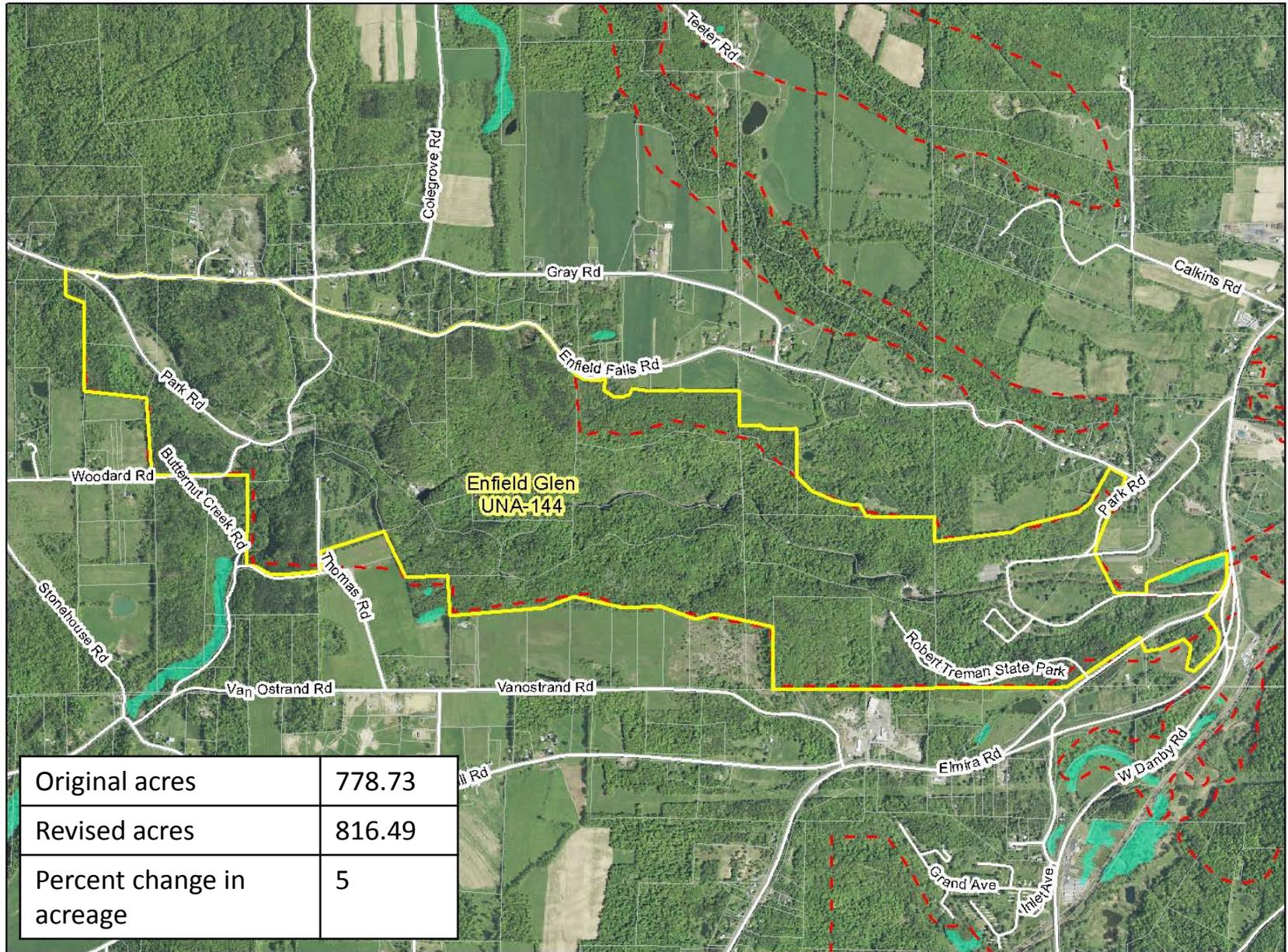




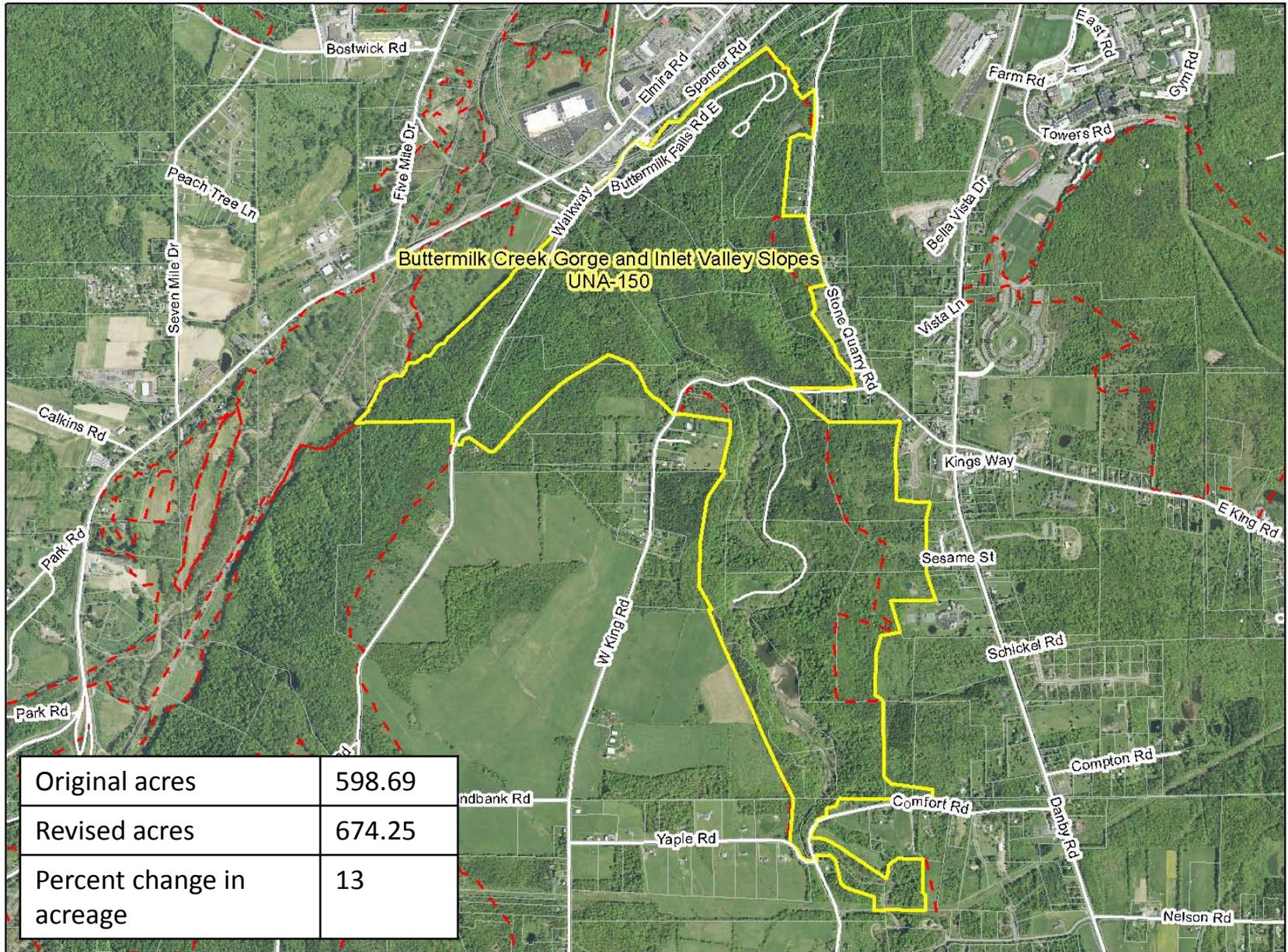




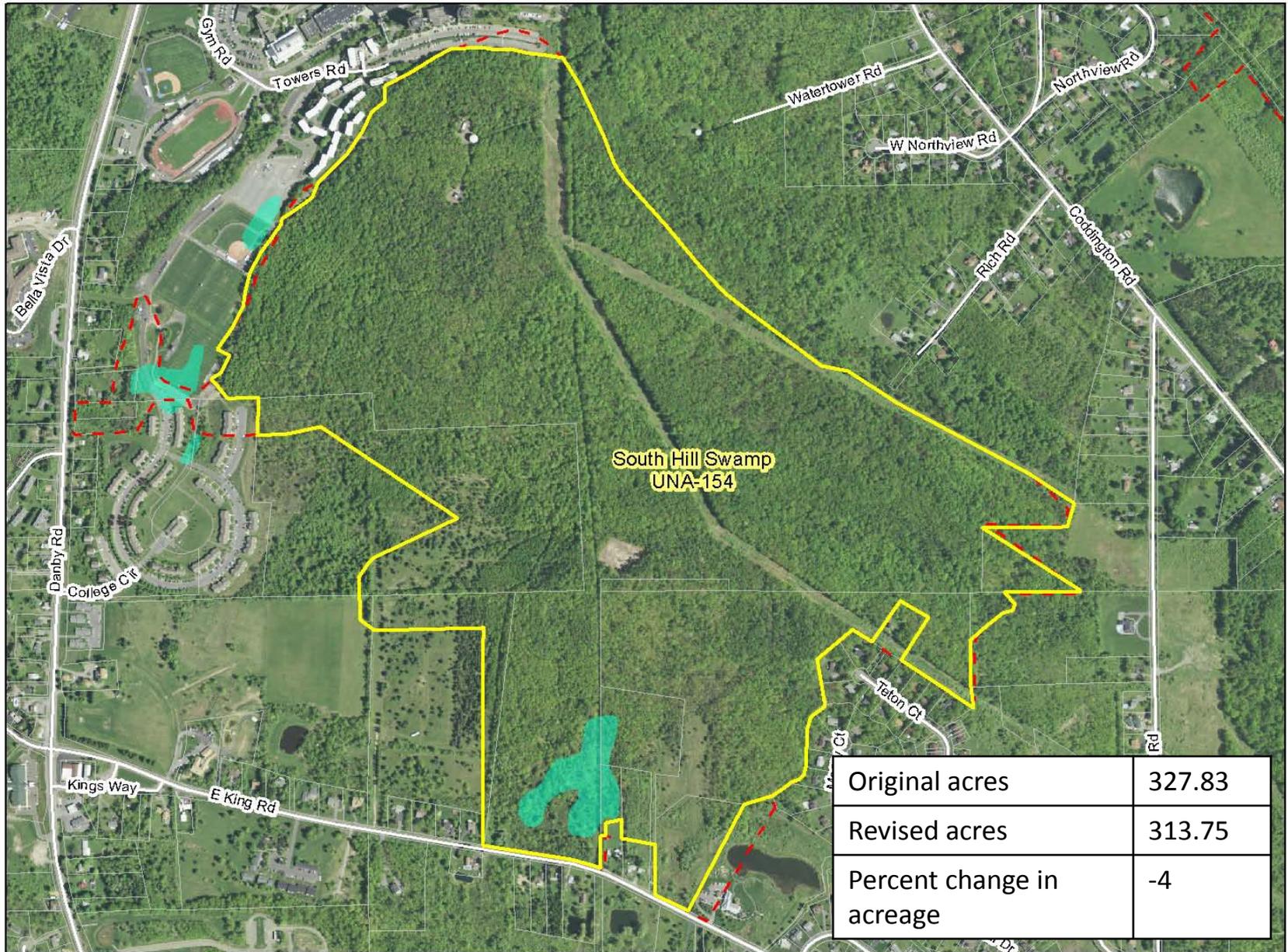
| | |
|---------------------------|-------|
| Original acres | 40.68 |
| Revised acres | 74.89 |
| Percent change in acreage | 84 |



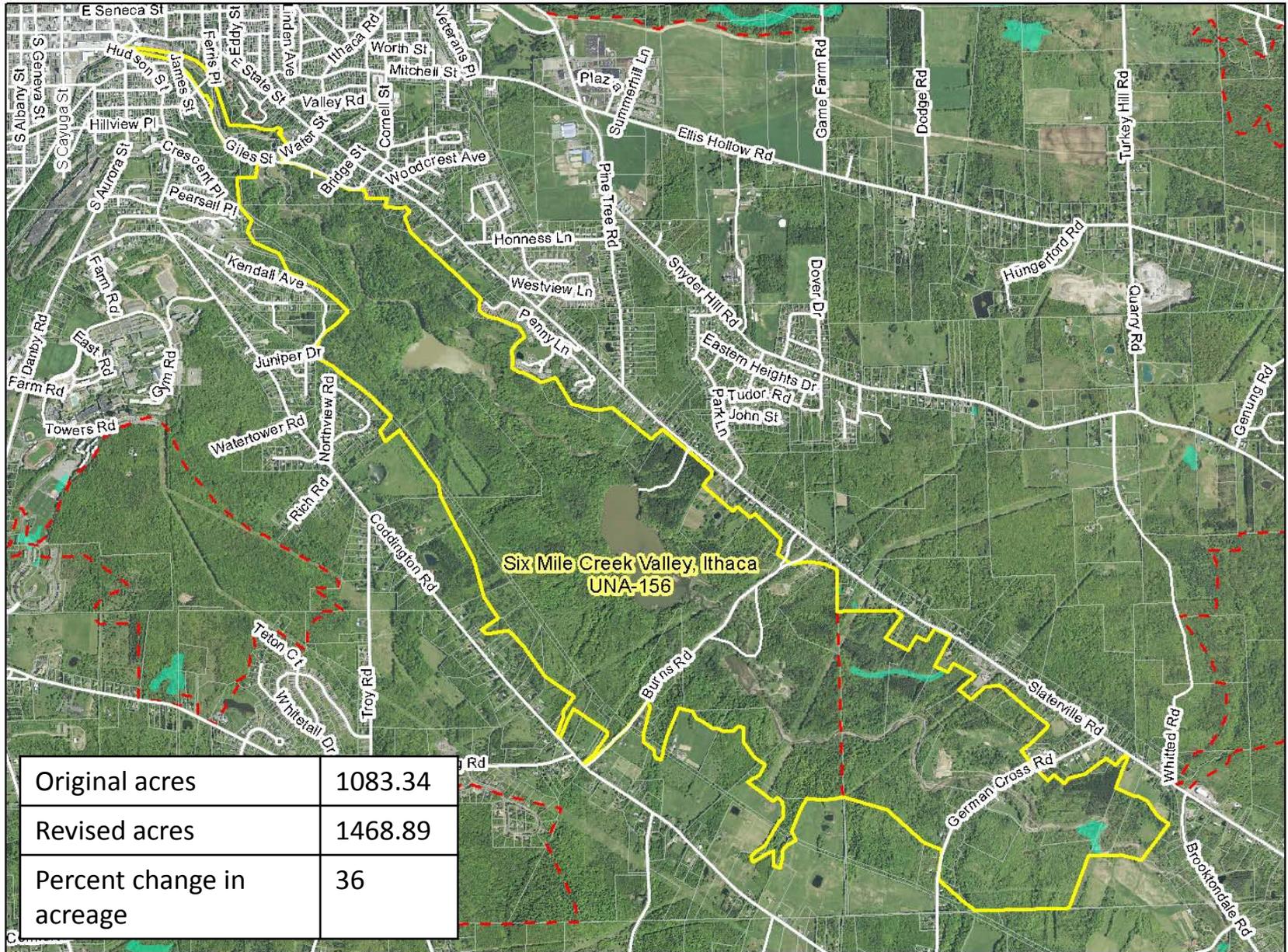
| | |
|---------------------------|--------|
| Original acres | 778.73 |
| Revised acres | 816.49 |
| Percent change in acreage | 5 |

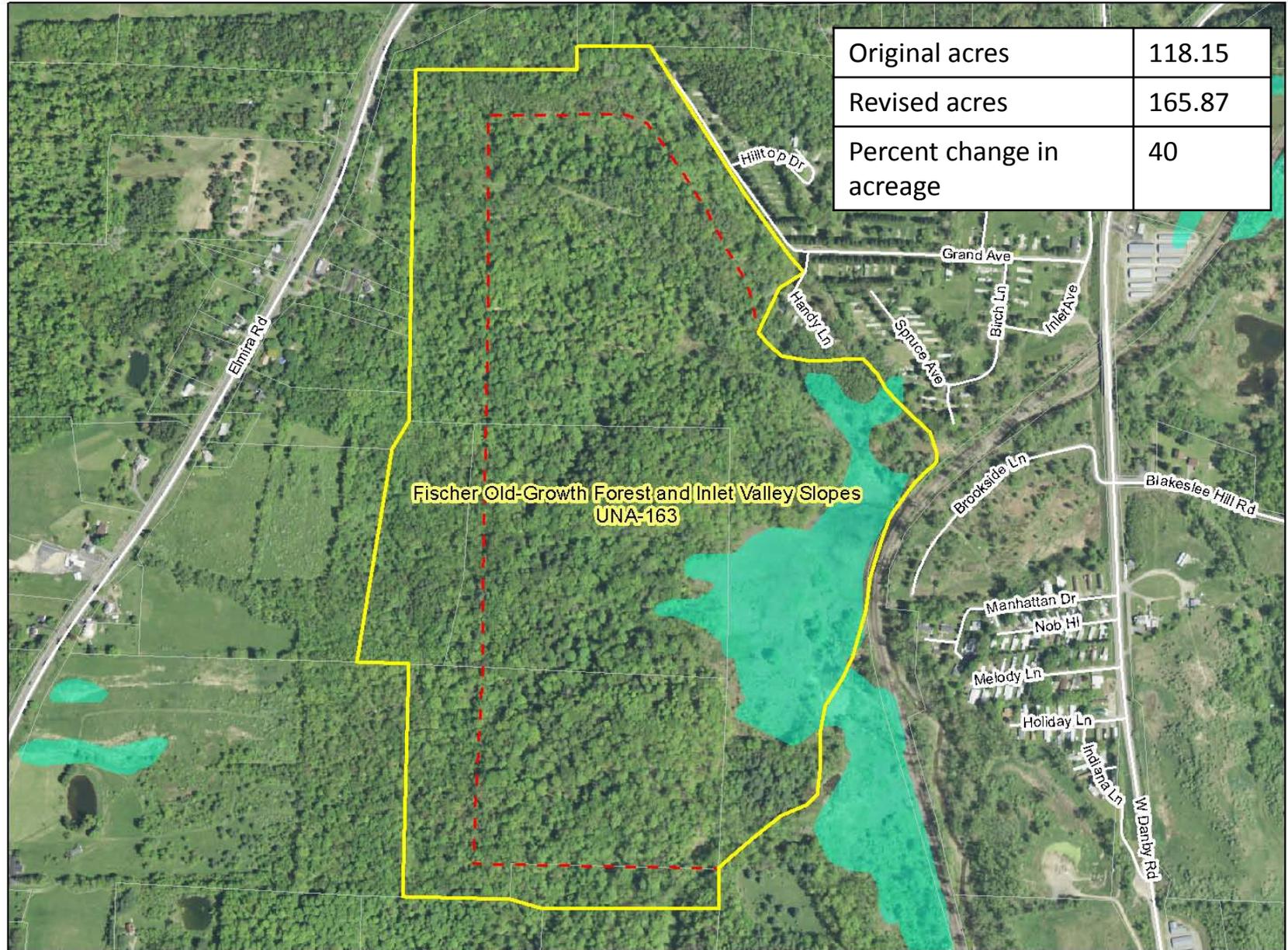


| | |
|---------------------------|--------|
| Original acres | 598.69 |
| Revised acres | 674.25 |
| Percent change in acreage | 13 |









Original acres

118.15

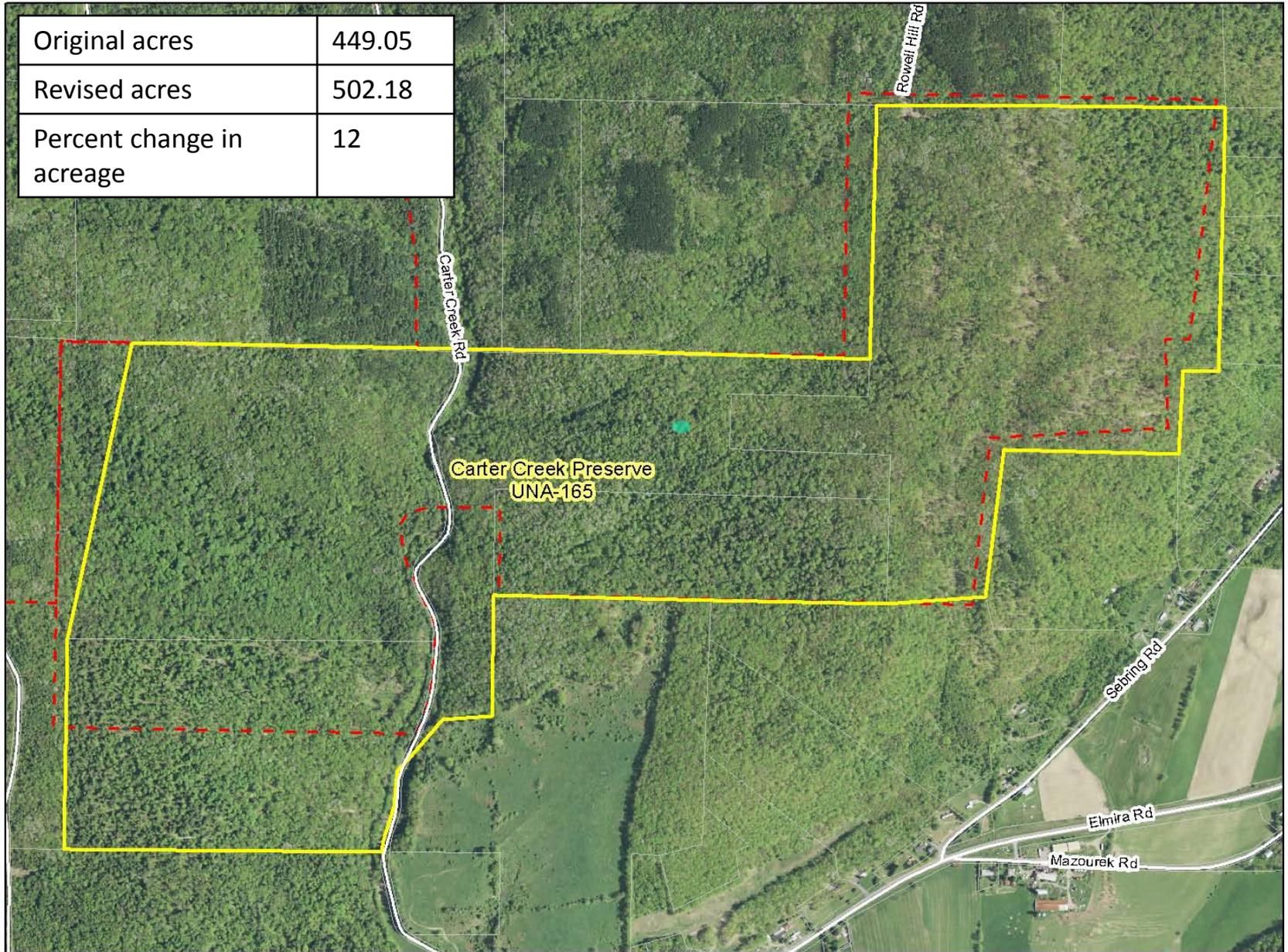
Revised acres

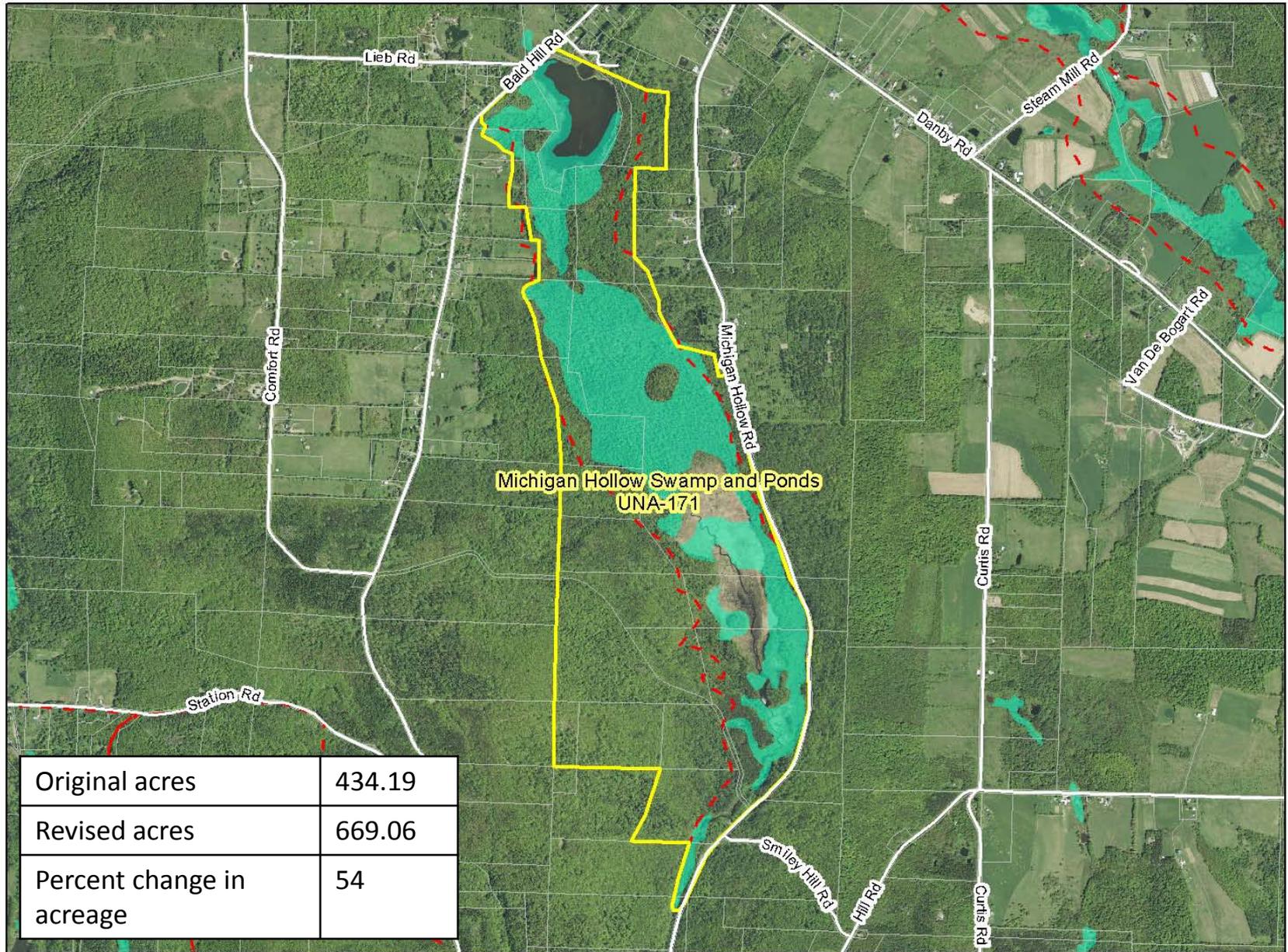
165.87

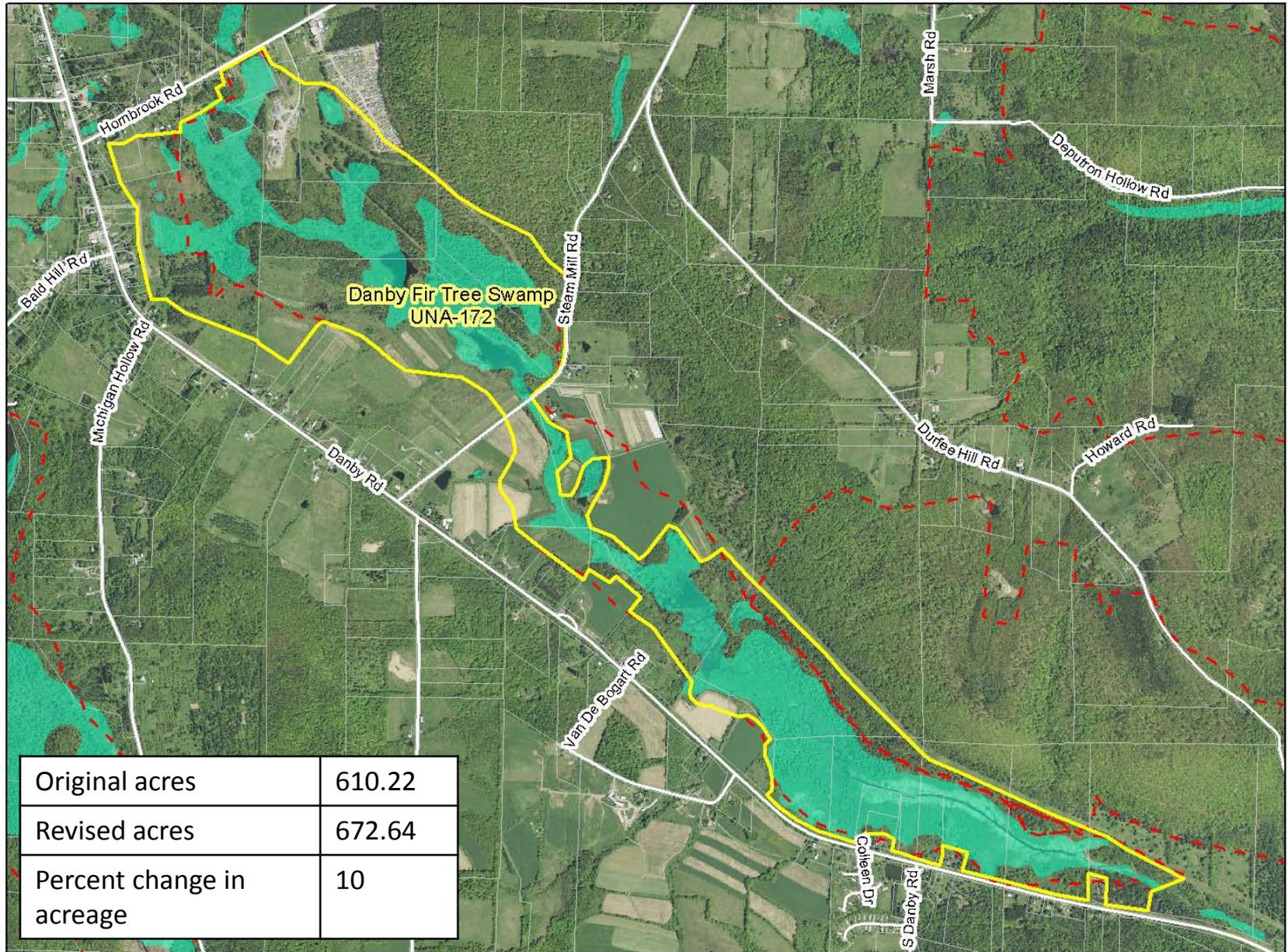
Percent change in
acreage

40

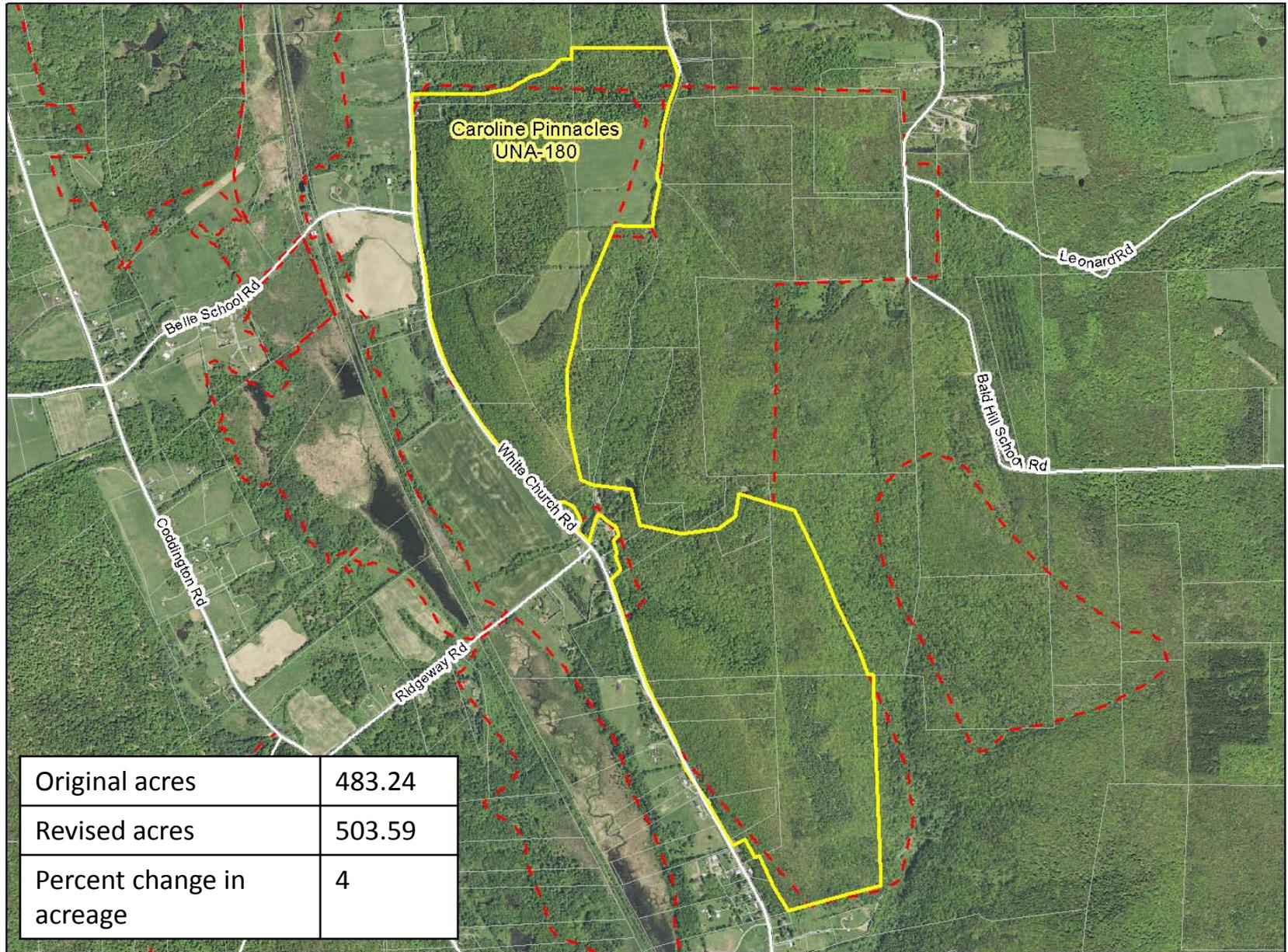
| | |
|---------------------------|--------|
| Original acres | 449.05 |
| Revised acres | 502.18 |
| Percent change in acreage | 12 |



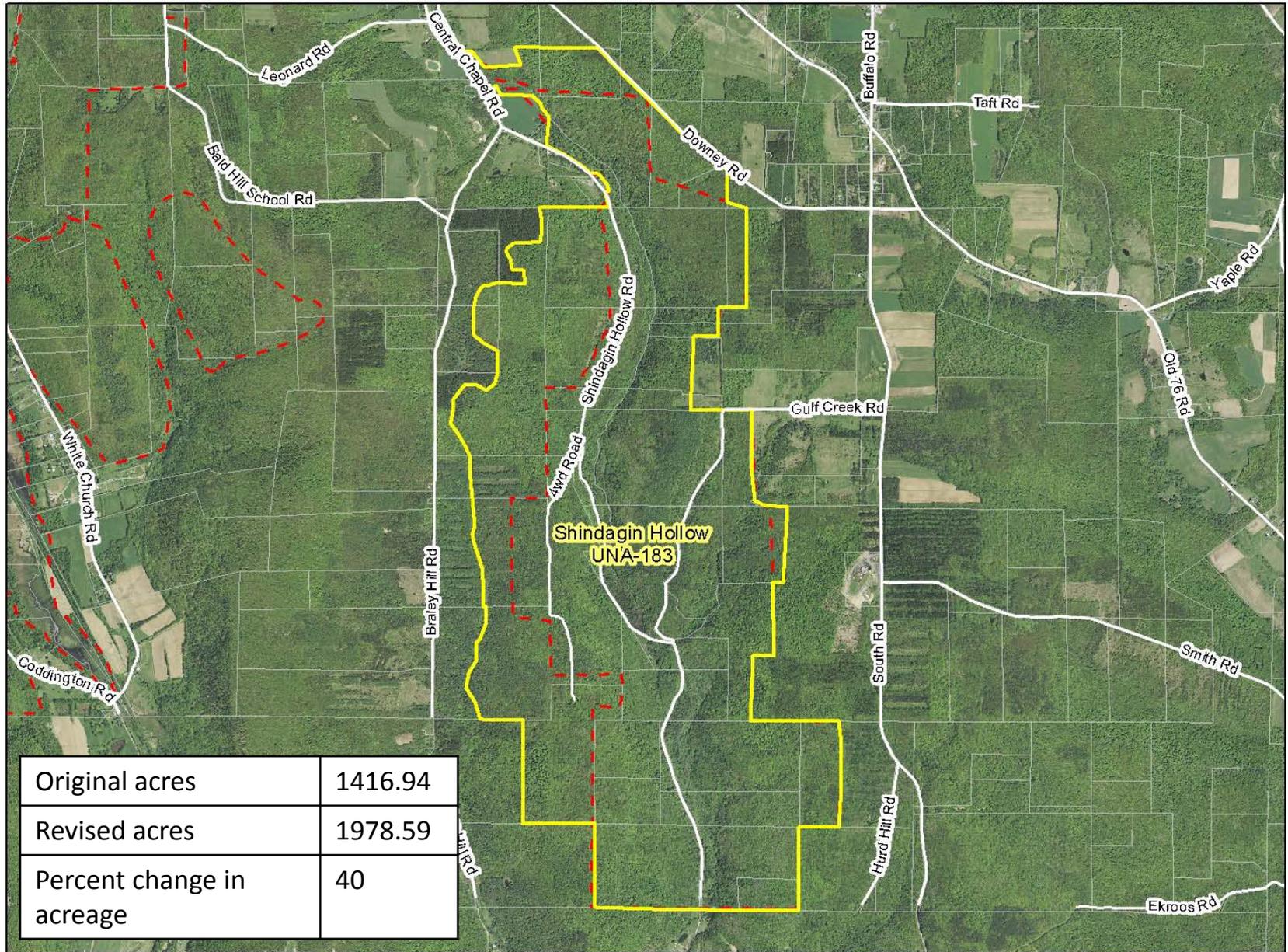




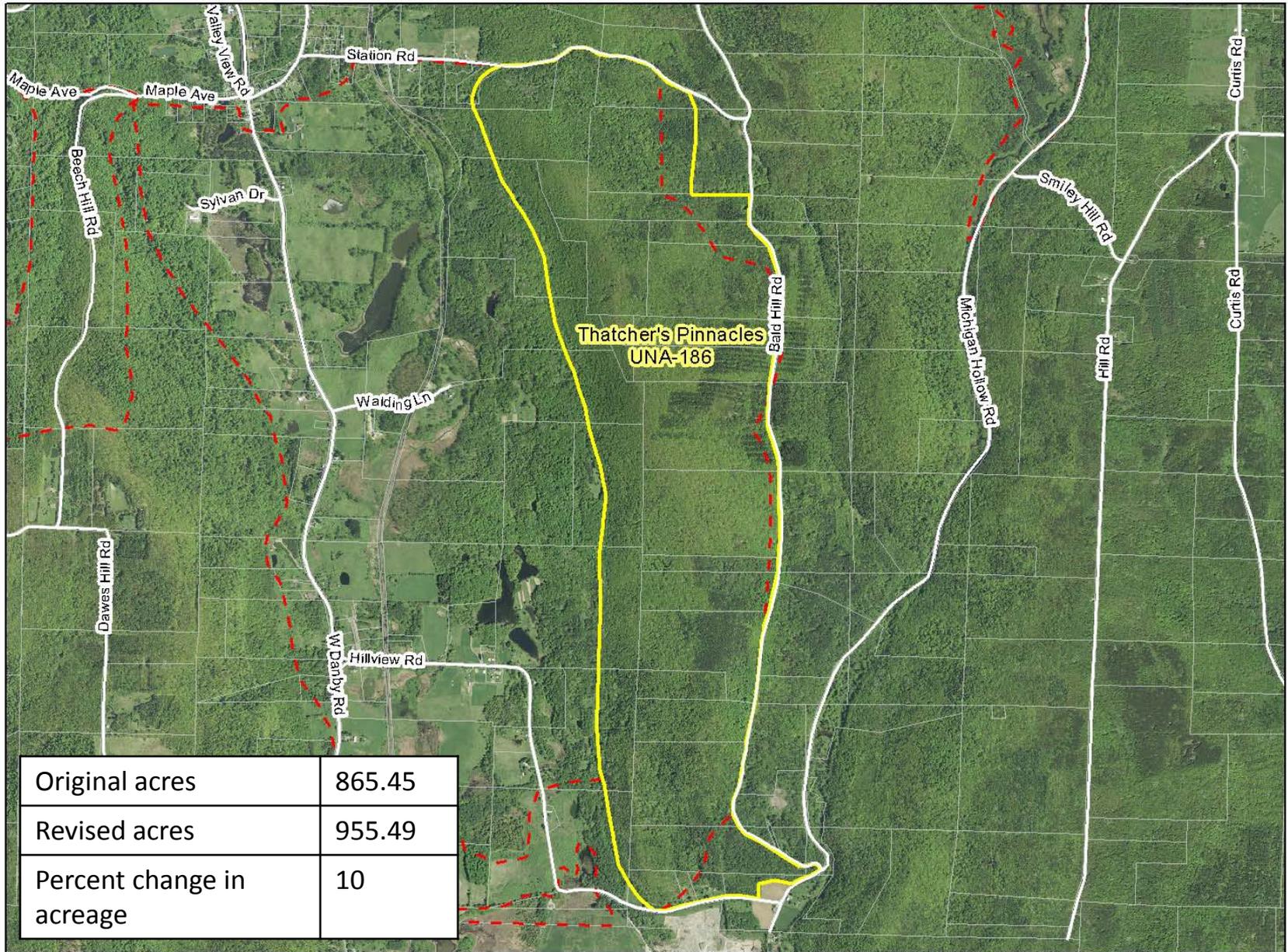
| | |
|---------------------------|--------|
| Original acres | 610.22 |
| Revised acres | 672.64 |
| Percent change in acreage | 10 |

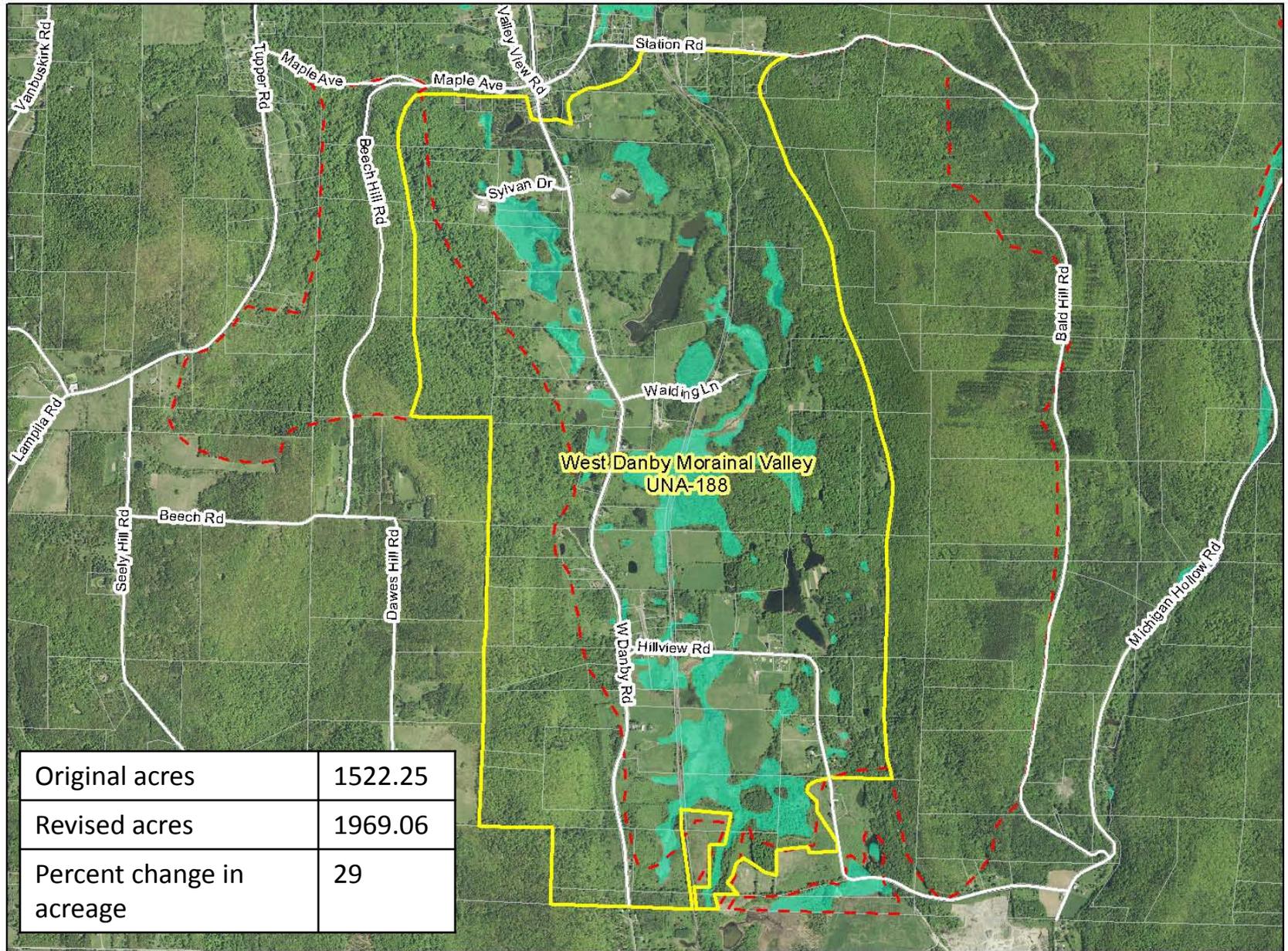


| | |
|---------------------------|--------|
| Original acres | 483.24 |
| Revised acres | 503.59 |
| Percent change in acreage | 4 |



| | |
|---------------------------|---------|
| Original acres | 1416.94 |
| Revised acres | 1978.59 |
| Percent change in acreage | 40 |





| | |
|---------------------------|---------|
| Original acres | 1522.25 |
| Revised acres | 1969.06 |
| Percent change in acreage | 29 |

Two new proposed UNAs

- UNA 193: Hawthorn Orchard (50 acres, Town and City of Ithaca)
 - Cornell property and surrounding lands
 - Outstanding birding during spring migration
 - Easy public access
- UNA 194: Salt Rd Fen (74 acres, Town of Groton)
 - Cornell Natural Area
 - Rare or scarce plant community and species
 - Important rich fen habitat with known population of *Trollius laxus*, the globally rare globeflower



Mitchell St

Elmwood Ave

Cornell St

Valley Rd

Cornell Walk

Clover Ln

Black Oak Ln

Plaza

Putte Tree Rd

Hawthorn Orchard
Proposed UNA-193

Homestead Cir

Homestead Rd

Homestead Ter

Woodcrest Ave

Eastwood Ter

Woodcrest Ter

Tompkins County Aly

E State St

Giles St

Eastwood Ave

Sunny Slope Ln

Wildflower Dr

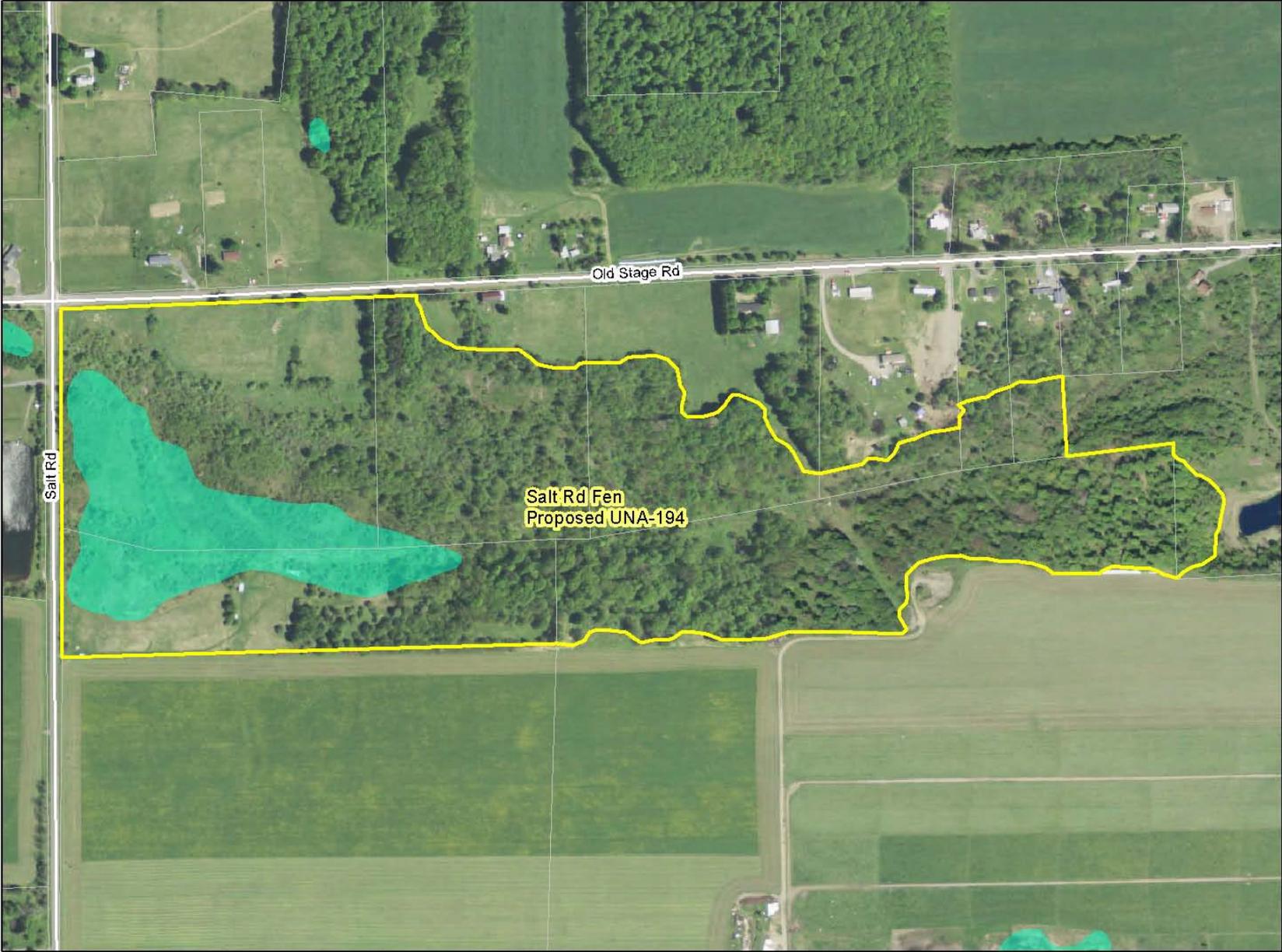
Strawberry Hill Rd

Slateville Rd

Winners Cir

Harwick Rd

Honness Ln



Old Stage Rd

Salt Rd

Salt Rd Fen
Proposed UNA-194