

**APPENDIX B:
POST ASSESSMENT FORM**

(Part 2/4)

Hill Prairie SWG
Post Site Assessment Instructions

1. GPS perimeter of hill prairie management unit and get acreage
-proceed along the interior of the brush or treeline, so that brushy areas are excluded from the initial defined perimeter. If you can't complete the polygon around the perimeter because of steepness in a particular area, try to complete as much as possible and we will complete the polygon using digital orthoquads.

It is not necessary to walk around the entire hill prairie unless all sides were expanded. If only the west side was expanded then make a track that outlines that expansion and we can add that to the original shape file

Also record the range of the accuracy readings of the GPS unit while you are walking the perimeter. Include any notes that may be helpful (e.g. "accuracy reading was always 5-10 feet except for a small portion where it jumped to 300 ft")

2a. If any large interior areas of brush or trees within the initial defined perimeter were removed GPS initially and then removed, it is not necessary to GPS that area again. But I do need to know that area was treated and removed etc so that I can include the acreage.

OR

2b. Give a revised approximate percent of hill prairie area covered with woody encroachment after management.

3. List invasive, exotic species present and degree of invasion (after management) using the following categories: (may use 'a' and another category to designate presence in adjacent land)

- a. Not in site, but in adjacent areas
- b. Found in less than **5%** of site
- c. Found in between **5%** and **10%** of site
- d. Found in between **10%** and **25%** of site
- e. Found in more than **25% to 50%** of site
- f. Found in more than **50%** of the site

4. Grade the hill prairie using the simplified INAI grading system that follows:

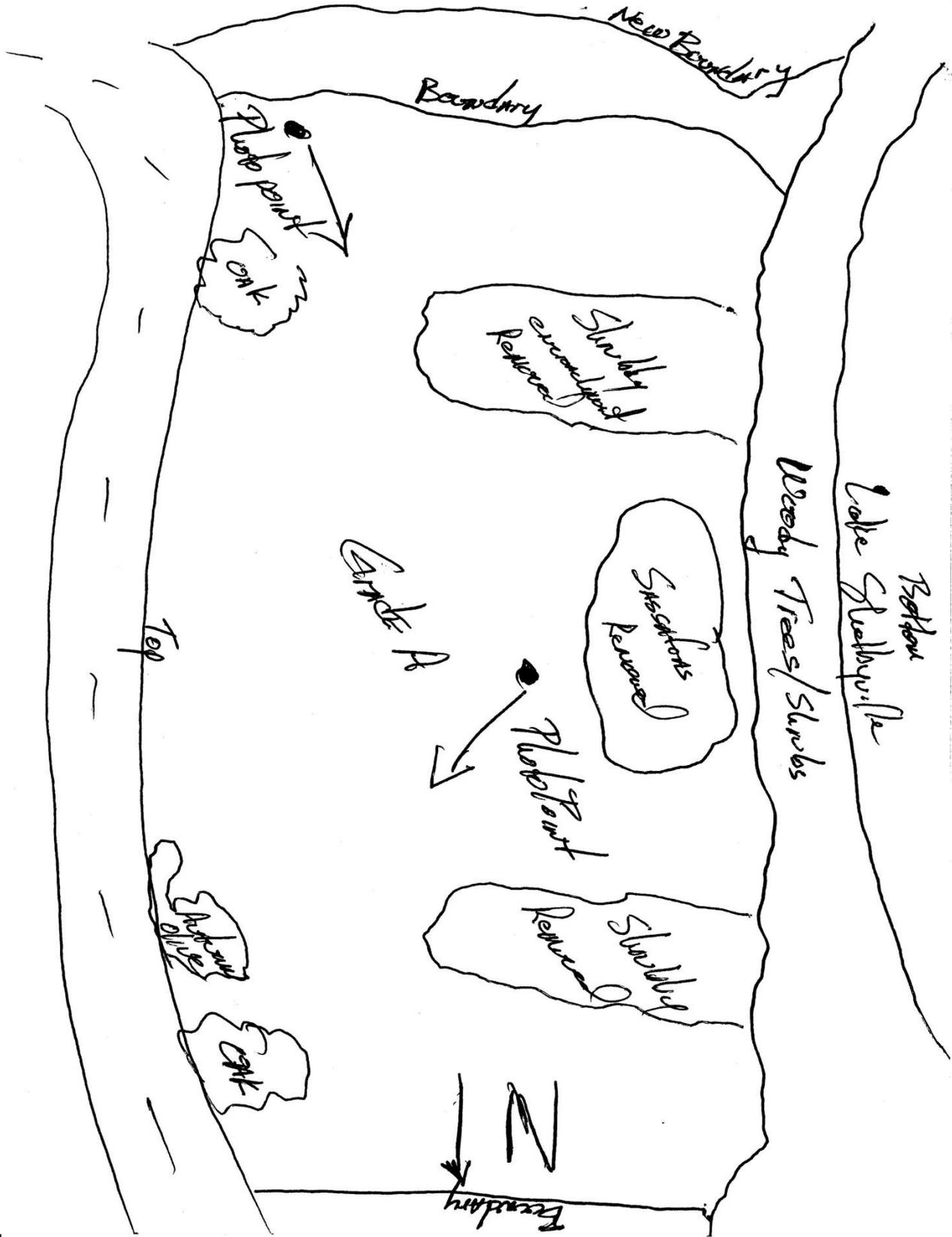
Grade A and B - Existing INAI hill prairie, based on the current INAI grade.

Grade C – Hill prairie not on the INAI but unit supports numerous HP species in a recognizable hill prairie matrix; woody cover generally < 25-50%.

Grade D - Few HP sp generally widely scattered (no real community matrix); woody cover generally > 50% woody cover; essentially not HP at the start of the project.

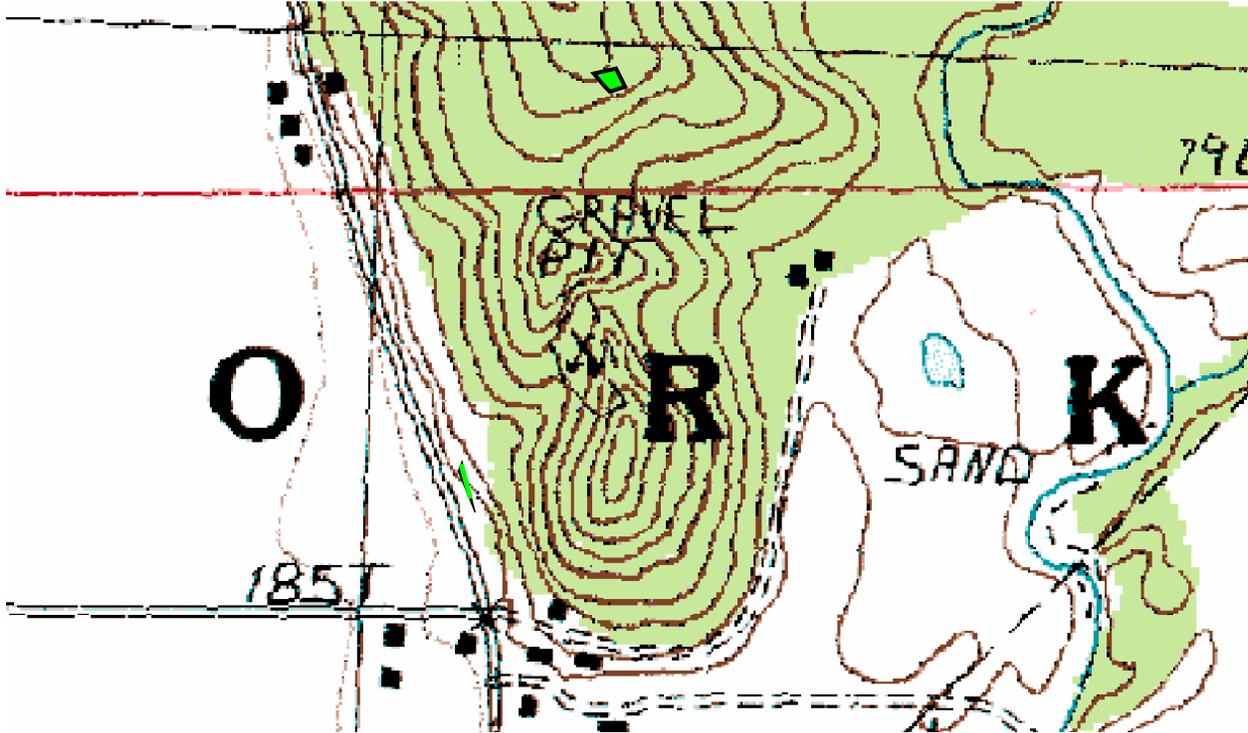
5. Do a simple sketch of the management unit delineating the grades from number 4 and showing areas of brush, trees, invasive species etc. Don't forget to put a north arrow or some direction indicator on the sketch.

6. Photodocument the site by taking a few pictures from obvious and fairly permanent site features (i.e. places that you will be able to find again), or mark station with GPS. For larger sites you may need more pictures. Basically we want a photo that shows the character and quality of the site before the project.



APPENDIX C:
Assessment Summaries of Hill Prairie SWG Sites

French Bluff State Natural Area
Carroll County



Units: 1

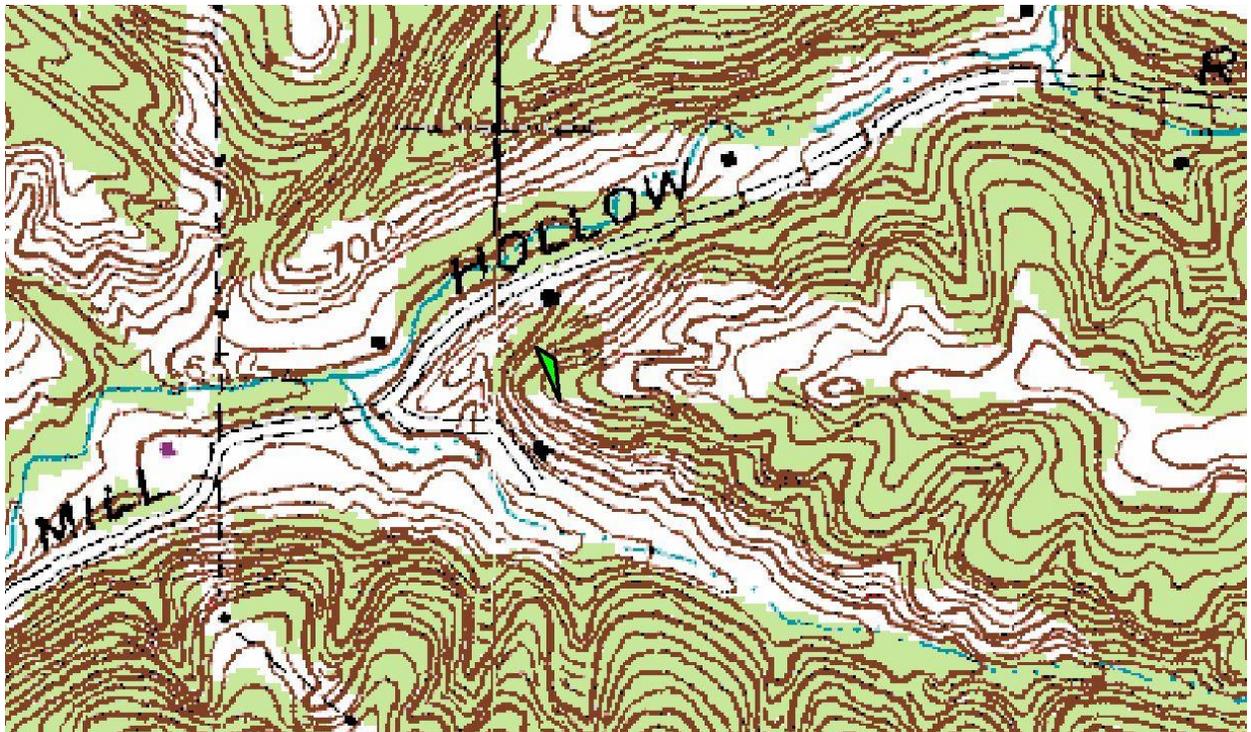
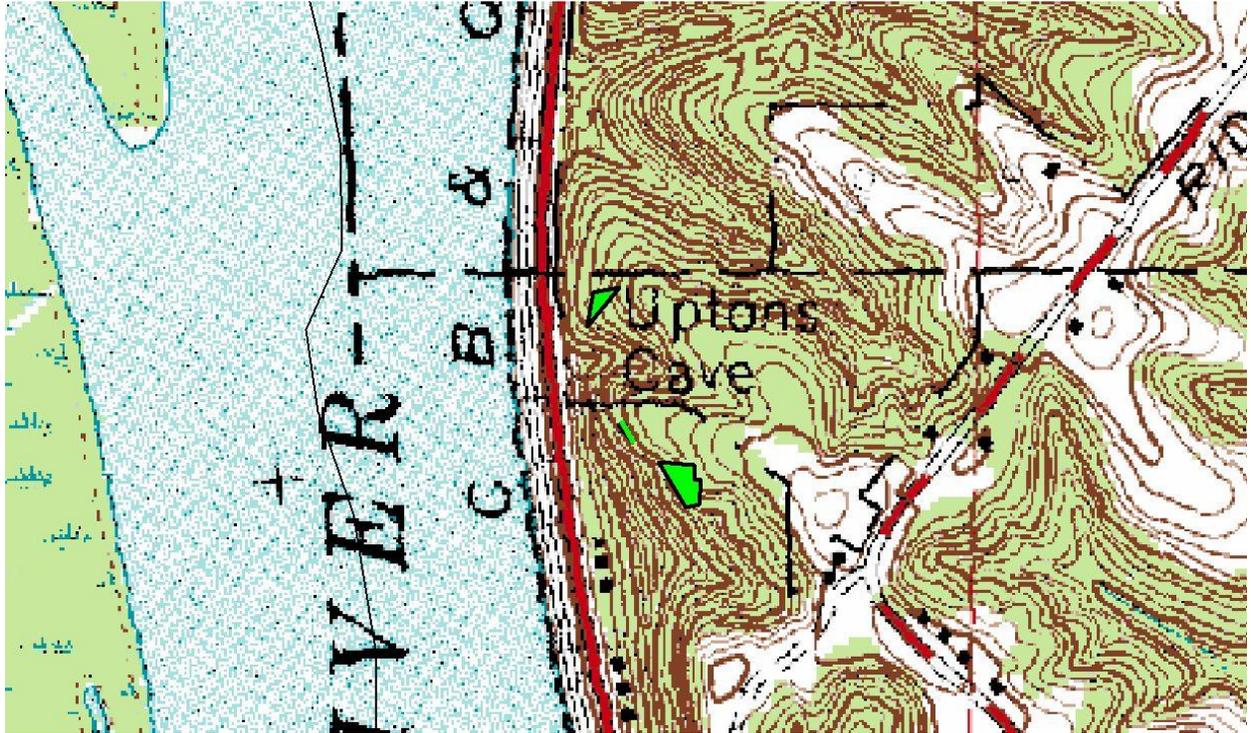
Contractual Dollars Spent: \$5,068.80

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Eastern Red Cedar	50	25.00	-50.00
Bush honeysuckle	2.5	0.00	-100.00
Multiflora rose	2.5	0.00	-100.00
Mulberry	2.5	0.00	-100.00
Oak	2.5	0.00	-100.00

Connected larger prairie openings with smaller openings below and significantly reduced the quantity of large DBH eastern red cedars, black walnut, poplar and sumac.

Mississippi Palisades State Park
Carroll County



Mississippi Palisades State Park
Carroll County

Units: 8

Contractual Dollars Spent: \$5,068.80

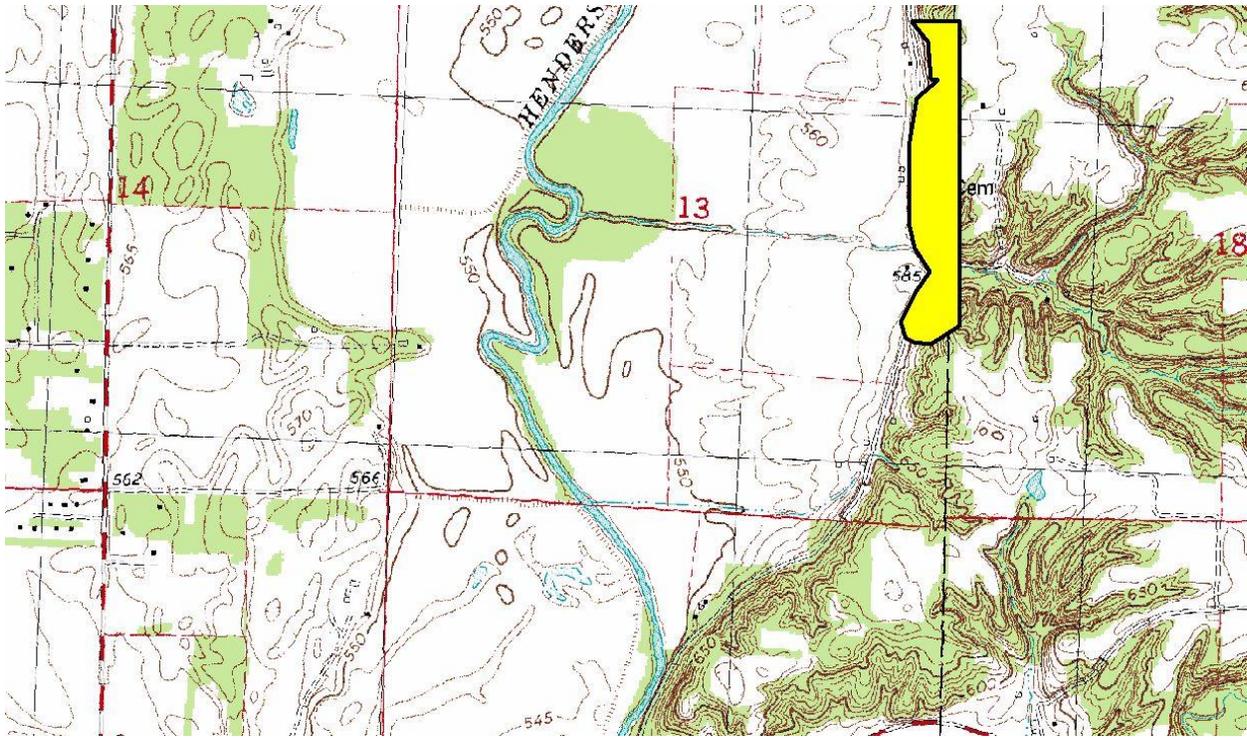
Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Mississippi Palisades State Park #1			
Black Walnut	2.5	N/A	N/A
Wild Black Cherry	2.5	N/A	N/A
Elm sp.	2.5	N/A	N/A
Oak sp.	2.5	N/A	N/A
Mississippi Palisades State Park #2			
Eastern Red Cedar	2.5	N/A	N/A
Wild Black Cherry	2.5	N/A	N/A
Mulberry sp.	2.5	N/A	N/A
Bush Honeysuckle	2.5	N/A	N/A
Ash sp.	2.5	N/A	N/A
Prickly Ash	2.5	N/A	N/A
Common Buckthorn	2.5	N/A	N/A
Oak sp.	2.5	N/A	N/A
Elm sp.	2.5	N/A	N/A
Mississippi Palisades State Park #4			
Eastern Red Cedar	7.5	0.00	-100.00
Elm sp.	7.5	7.5	0.00
American Basswood	7.5	0.00	-100.00
Common Buckthorn	2.5	2.5	0.00
Mississippi Palisades State Park #5			
Oak sp.	2.5	2.5	0.00
Wild Black Cherry	2.5	2.5	0.00
Black Walnut	2.5	0.00	-100.00
Smooth Sumac	2.5	2.5	0.00
Elm sp.	2.5	2.5	0.00
American Basswood	2.5	0.00	-100.00
Common Buckthorn	2.5	0.00	-100.00
Eastern Red Cedar	2.5	0.00	-100.00
Mississippi Palisades State Park #8			
Eastern Red Cedar	2.5	0.00	-100.00
Smooth Sumac	2.5	2.5	0.00
Gray Dogwood	2.5	2.5	0.00
Wild Black Cherry	2.5	2.5	0.00
Eastern Cottonwood	2.5	2.5	0.00
Mississippi Palisades State Park #11			
Smooth Sumac	7.5	7.5	0.00

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Gray Dogwood	7.5	7.5	0.00
Unit			
Eastern Red Cedar	2.5	0.00	-100.00
Black Walnut	2.5	0.00	-100.00
Elm sp.	2.5	2.5	0.00
American Basswood	2.5	2.5	0.00
Mississippi Palisades State Park Bluffpoint Prairie			
Eastern Red Cedar	17.5	0.00	-100.00
Smooth Sumac	2.5	2.5	0.00
Elm sp.	2.5	2.5	0.00
Common Buckthorn	2.5	0.00	-100.00
Gray Dogwood	2.5	2.5	
Mississippi Palisades State Park, Rocktop Shelter Prairie			
Eastern Red Cedar	37.5	2.5	-93.30
Smooth Sumac	37.5	37.5	0.00
Gray Dogwood	37.5	2.5	0.00
Bush Honeysuckle	2.5	2.5	0.00
American basswood	2.5	0.00	-100.00

Primarily removed large DBH black walnuts, eastern red cedars. basswoods, red elms, black cherries and exotic buckthorns.

North Henderson Creek Hill Prairie
Henderson County



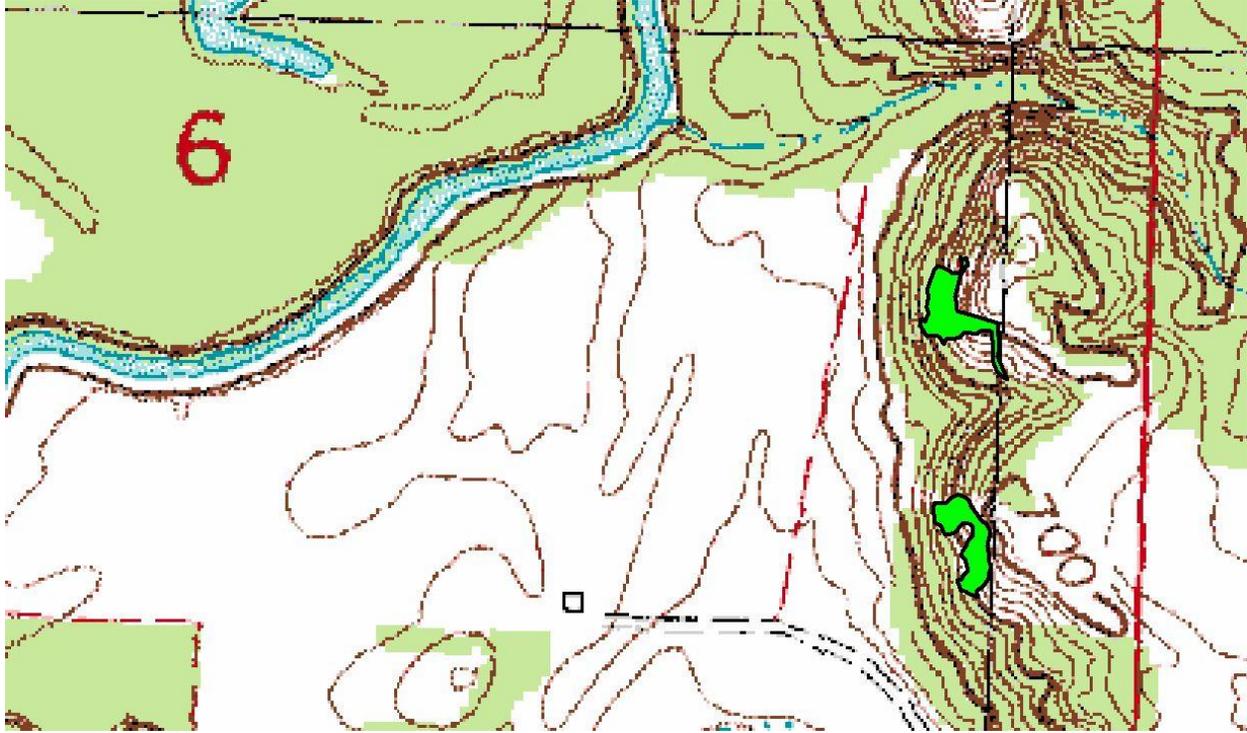
Units: 1

Contractual Dollars Spent: \$10,279.08

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Smooth Sumac	7.5	5.0	-33.00
Sweet Clover	7.5	7.5	0.00
Rough-leaved Dogwood	7.5	7.5	0.00
Autumn Olive	2.5	0.00	-100.00
Eastern Red Cedar	17.5	2.5	-85.00
Bush Honeysuckle	7.5	2.5	-67.00
Multiflora Rose	7.5	2.5	-67.00
Osage Orange	7.5	0.0	-100.00
Blackberry	2.5	2.5	0.00

Henderson Creek Bluff (Tartan Bluff Hill Prairie Natural Heritage Landmark)
Hill Prairie
Henderson County



Units: 3

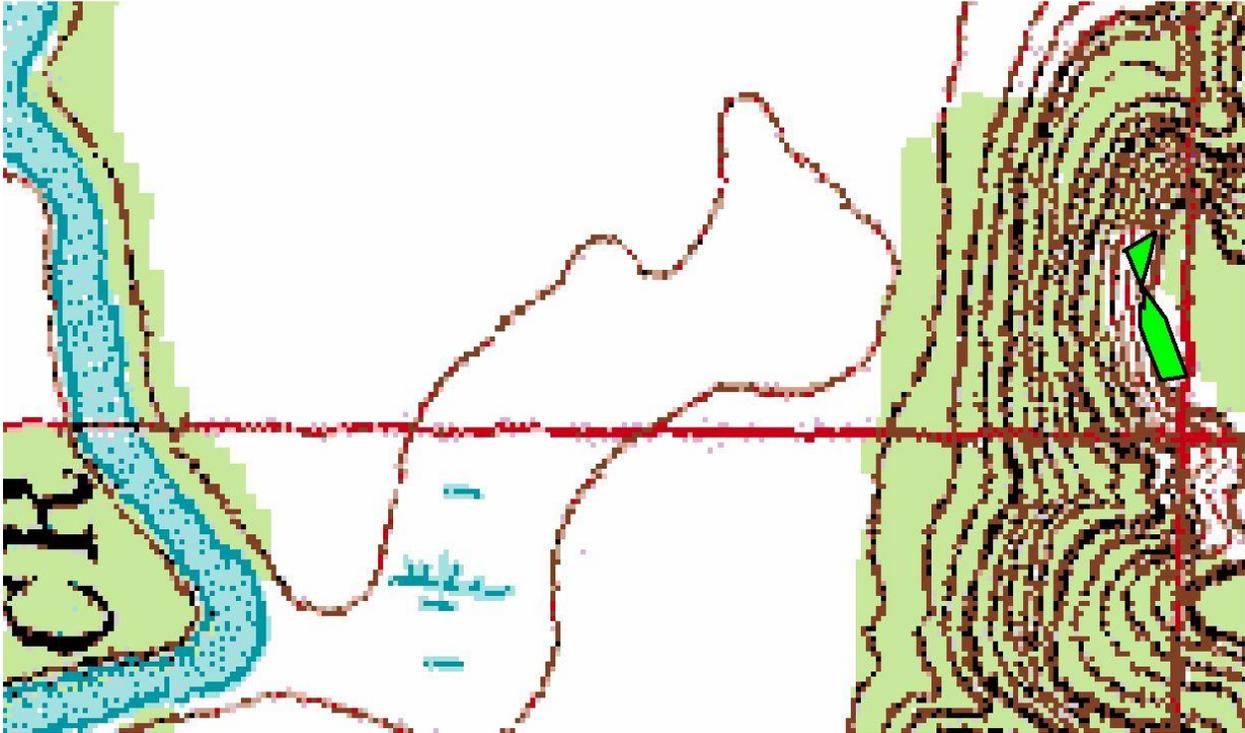
Contractual Dollars Spent: \$18,611.34

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Smooth Sumac	5.0	2.5	-50.00
	Sweet Clover	7.5	2.5	-66.67
	Rough-leaved Dogwood	2.5	2.5	0.00
	Eastern Redbud	2.5	2.5	0.00
	Autumn Olive	2.5	0.00	-100.00
	Eastern Red Cedar	17.5	0.00	-100.00
	Bush Honeysuckle	2.5	0.00	-100.00
	Multiflora Rose	2.5	0.00	-100.00
	Osage Orange	2.5	2.5	0.00
	Eastern Cottonwood	2.5	0.00	-100.00

Significant clearing in the prairies and the blufftops surrounding the prairies. Also cleared all woody vegetation between the two closest hill prairies to reconnect them as they were historically.

North Henderson Creek (Bald Bluff) Hill Prairie
Henderson County



Units: 1

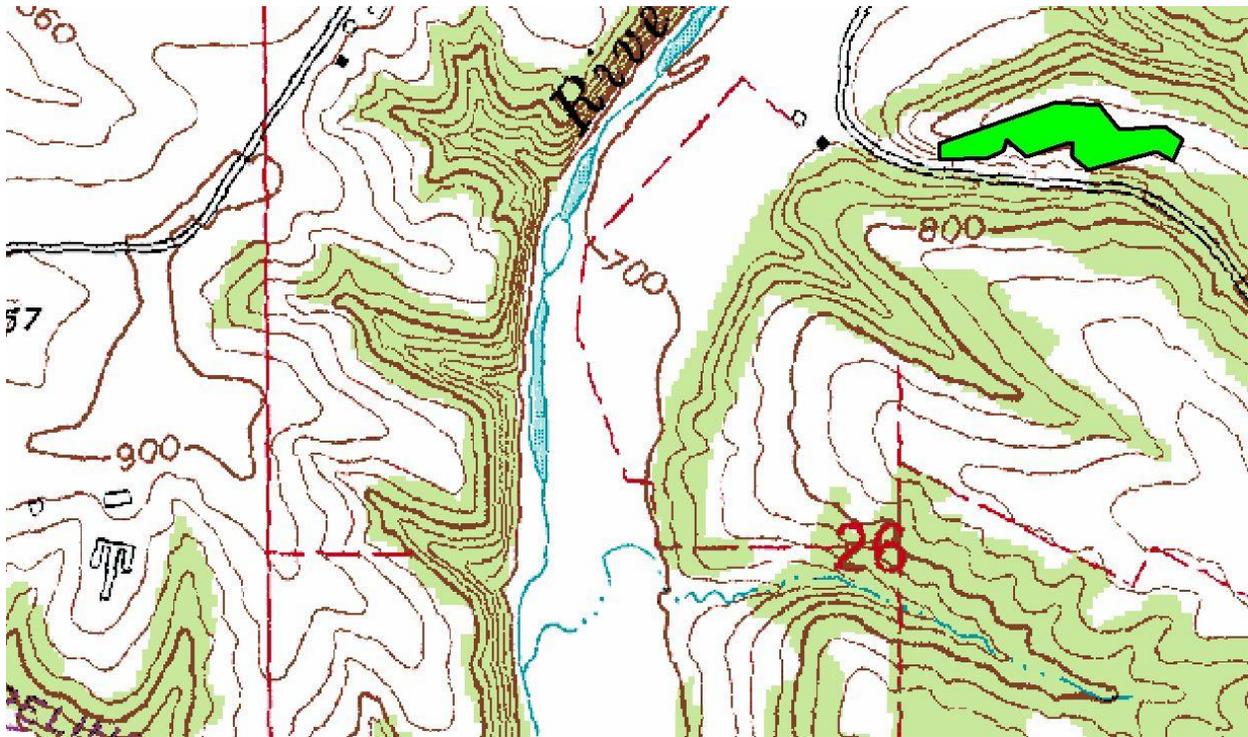
Contractual Dollars Spent: \$8,697.94

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Smooth Sumac	7.5	7.5	0.00
Sweet Clover	7.5	2.5	-66.67
Rough-leaved Dogwood	2.5	2.5	0.00
Eastern Red Cedar	50	2.5	-95.00
Crown Vetch	2.5	2.5	0.00
Osage Orange	2.5	0.00	-100.00
Other Trees	7.5	0.00	-100.00

Significant clearing in the prairies and the bluffs surrounding the prairies. Reduced woody encroachment from 90% down to 15%.

Apple River Nature Preserve/Thompson Prairie
Jo Daviess County



Units: 1

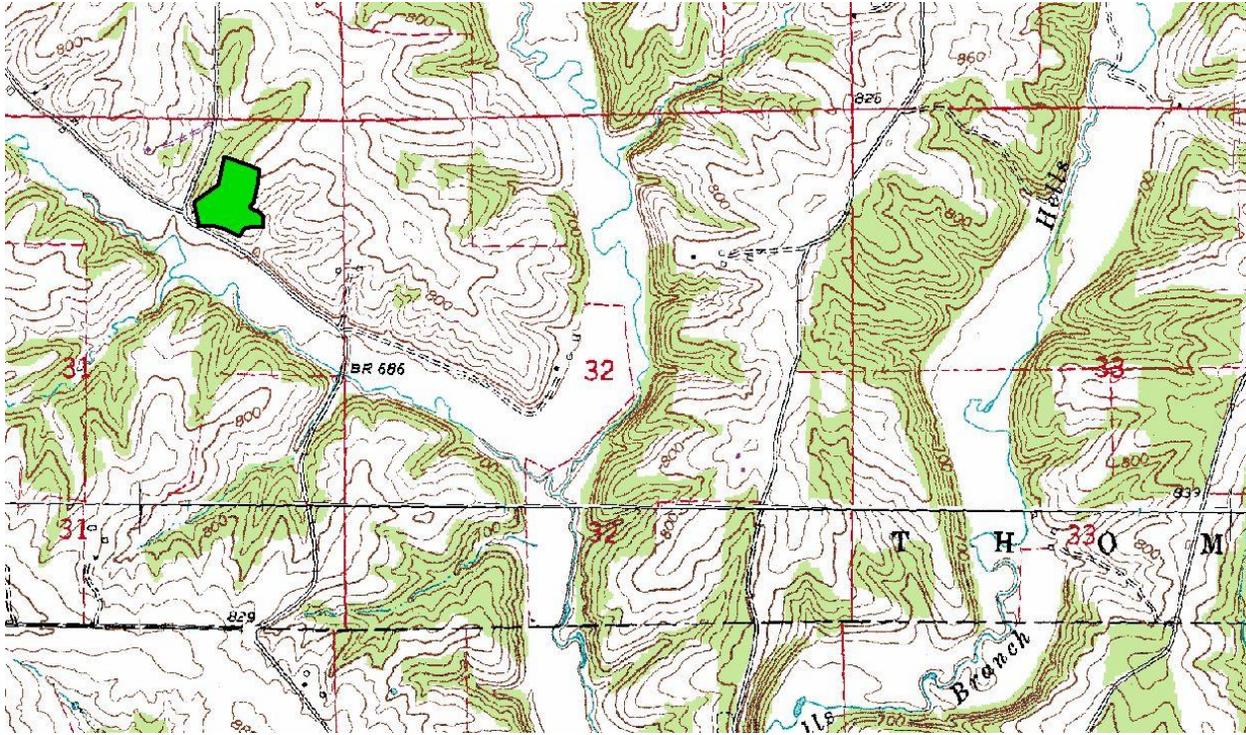
Contractual Dollars Spent: \$7,622.84

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Eastern Red Cedar	37.5	2.5	-93.75
Smooth Sumac	7.5	2.5	-67.00
Blackberry	7.5	2.5	-67.00
Black Walnut	7.5	2.5	-67.00
Wild Black Cherry	7.5	2.5	-67.00
Eastern Cottonwood	2.5	2.5	0.00
Prickly Ash	2.5	2.5	0.00
Bush Honeysuckle	2.5	2.5	0.00

In addition to prescribed fire, work included a significant reduction of eastern red cedar, which originally covered nearly 50% of the site.

Bokina Hill Prairie
 Jo Daviess County



Units: 1

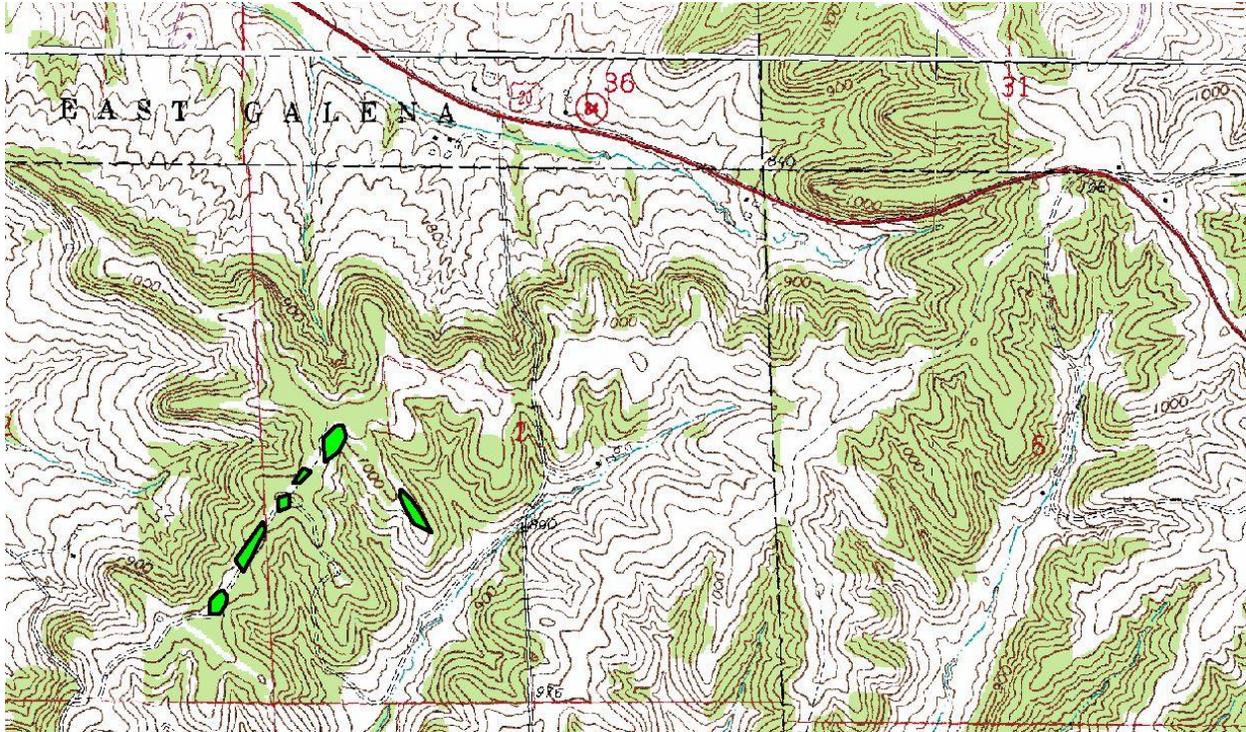
Contractual Dollars Spent: \$9,939.28

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Eastern Red Cedar	37.5	7.5	-93.75
	Bush Honeysuckle	17.5	7.5	-70.00
	Spotted Knapweed	7.5	7.5	0.00
	Poison Parsnip	7.5	7.5	0.00
	Cultivated Plants	7.5	7.5	0.00

Primary work included removing eastern red cedars from the prairie core and bush honeysuckle from the perimeter of the site.

Eisbach Hill Prairies
Jo Daviess County



Units: 2

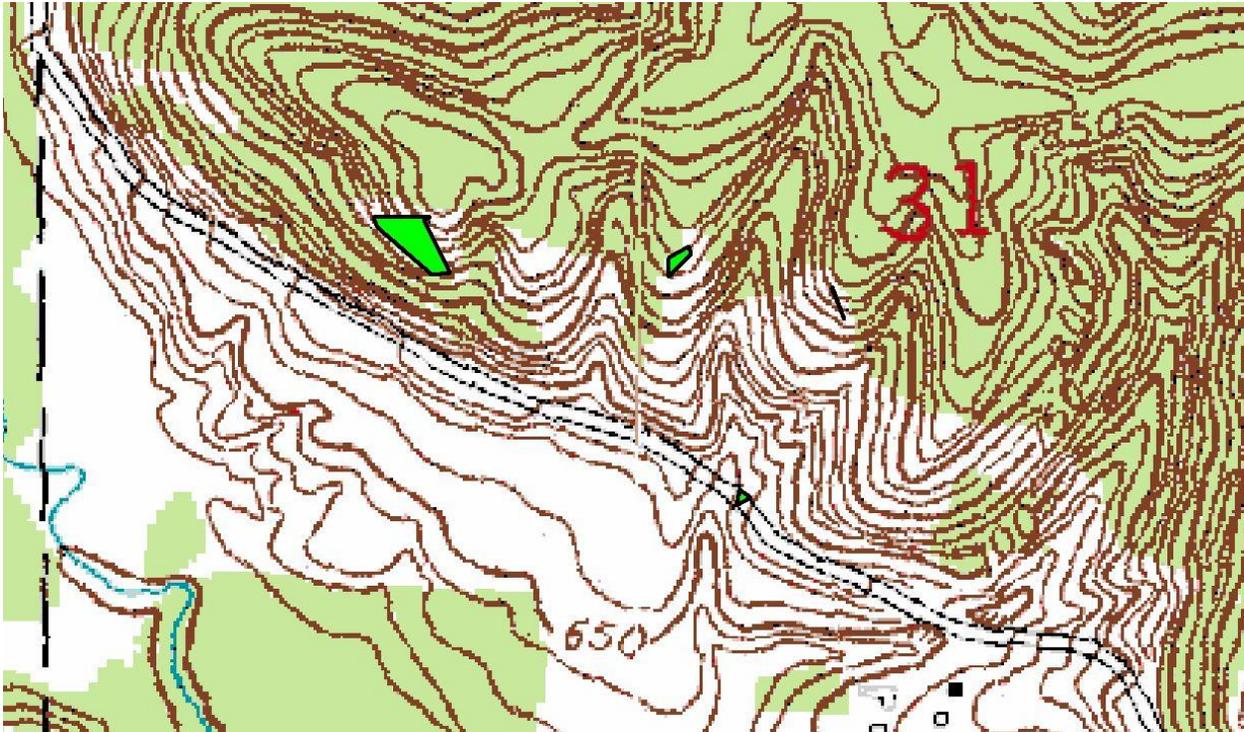
Contractual Dollars Spent: \$19,245.60

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Unit 1			
Eastern Red Cedar	7.5	0.00	-100.00
Multiflora Rose	7.5	7.5	0.00
Unit 2			
Sumac sp.	17.5	12.5	-58.33
Multiflora Rose	7.5	2.5	-67.00

Primary work included removing eastern red cedars from the prairie and black walnut, red elm, smooth sumac and northern hackberry from the perimeter of the site.

Falling Down Prairie Jo Daviess County



Units: 2

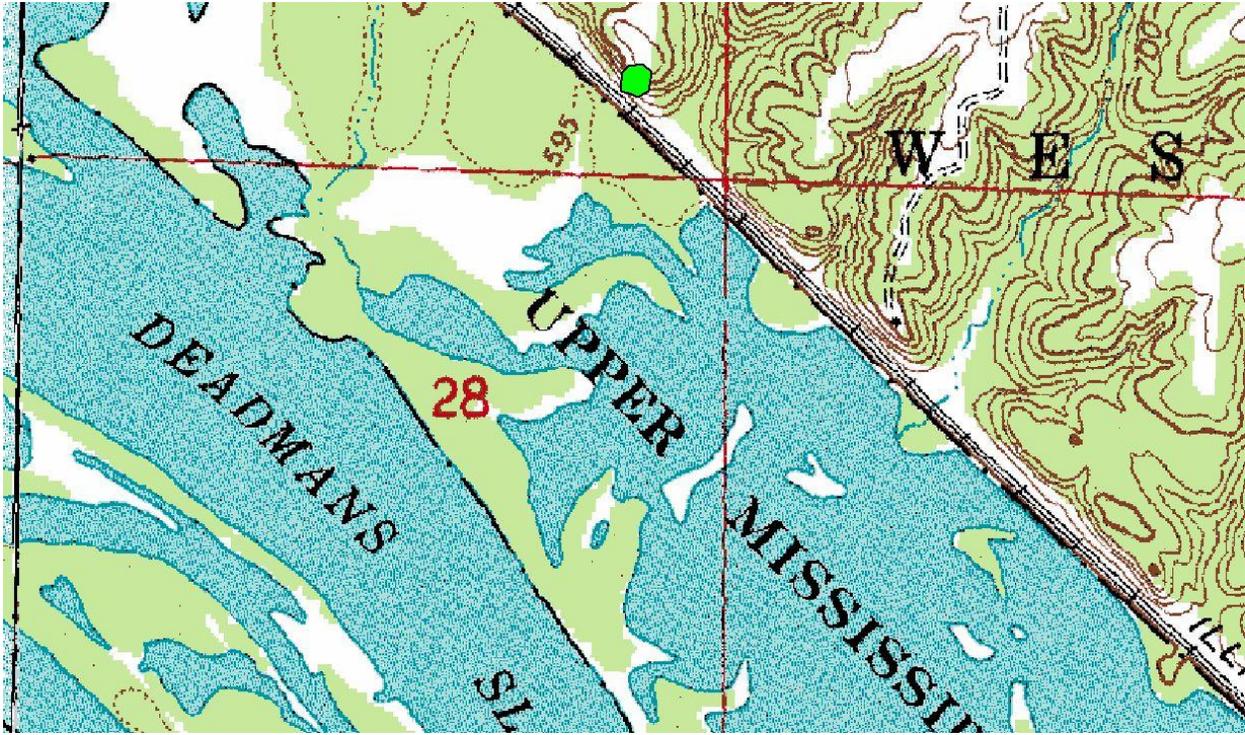
Contractual Dollars Spent: \$9,504.00

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Prairie #1			
Eastern Red Cedar	2.5	N/A	N/A
Gray Dogwood	2.5	N/A	N/A
Elm sp.	2.5	N/A	N/A
Black Walnut	2.5	N/A	N/A
Black Locust	2.5	N/A	N/A
Prairie #3			
Eastern Red Cedar	37.5	17.5	-53.00
Smooth Sumac	37.5	17.5	-53.00
Gray Dogwood	7.5	5.0	-33.33
Elm sp.	2.5	2.5	0.00
Black Walnut	2.5	2.5	0.00
Eastern Cottonwood	2.5	2.5	0.00

Primary work included removing eastern red cedars from the base of the prairie and its perimeter as well as sumac and dogwoods within the prairie from only one of the two units.

Lenstra Loess Hill Prairie
Jo Daviess County



Units: 1

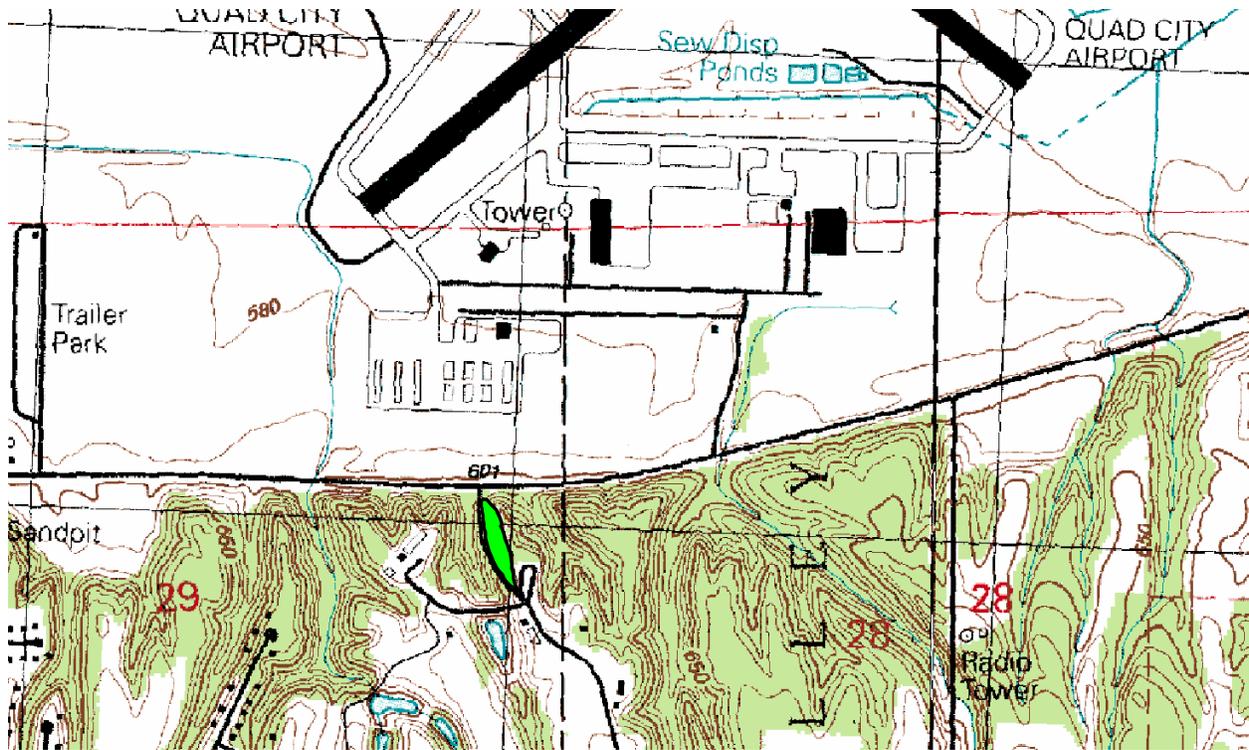
Contractual Dollars Spent: \$5,563.80

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Eastern Red Cedar	7.5	2.5	-67.00
Bush honeysuckle	17.5	7.5	-43.33
Multiflora rose	2.5	0.00	-100.00

This prairie was grazed for many decades. In the past 10 years it has been fenced off to cattle and has responded well, except for an influx in bush honeysuckle. It's control was the priority of the contractor.

Indian Bluff Hill Prairie
Rock Island County



Units: 1

Contractual Dollars Spent: \$8,405.77

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Oriental Bittersweet	7.5	17.5	133.33
Bush Honeysuckle	2.5	2.5	0.00
Smooth Sumac	7.5	0.0	-100.00
Rough-leaved Dogwood	2.5	0.0	-100.00
Autumn Olive	2.5	2.5	0.00
Siberian Elm	7.5	0.0	-100.00
Eastern Cottonwood	7.5	2.5	-66.67
Sweet Clover	2.5	0.0	-100.00

Significant work on Oriental bittersweet, sweet clover and smooth sumac.

Josua Lindahl Hill Prairies
Rock Island County



Units: 2

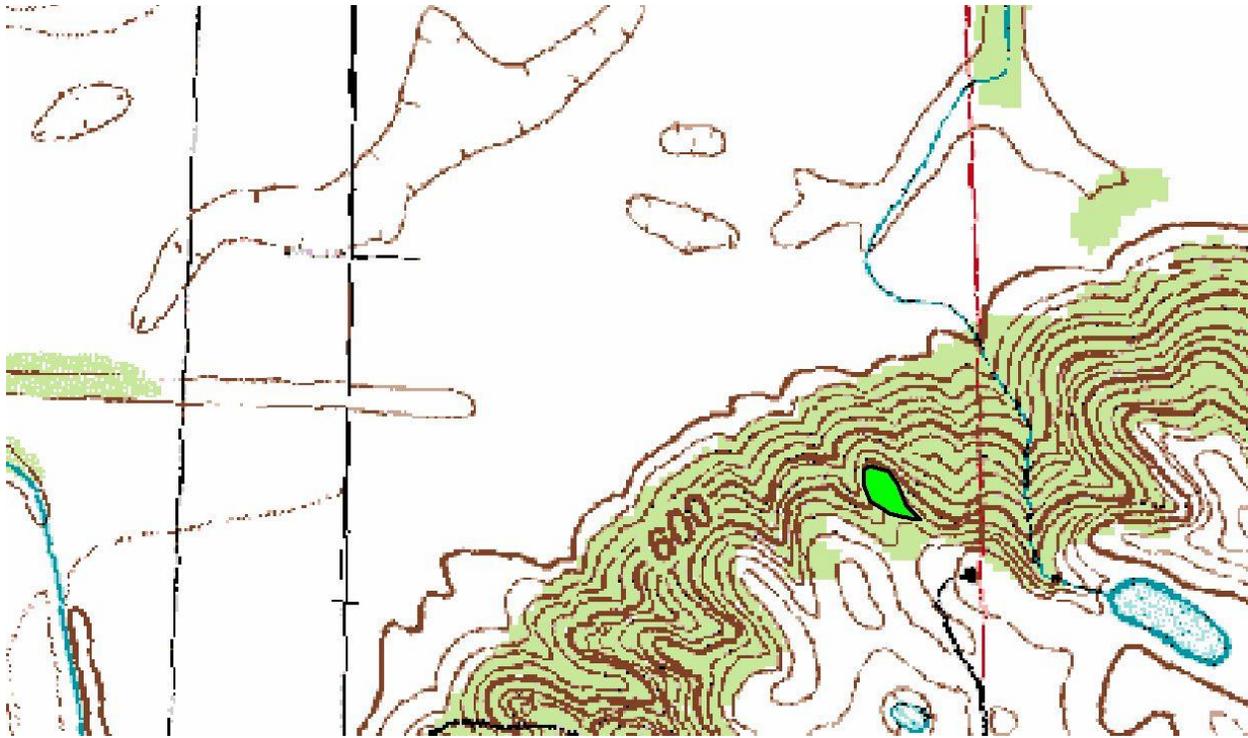
Contractual Dollars Spent: \$18,309.32

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Rough-leaved Dogwood	2.5	0.0	-100.00
	Eastern Red Cedar	2.5	0.0	-100.00
	Smooth Sumac	2.5	0.0	-100.00
	Bush Honeysuckle	2.5	7.5	200.00
	Autumn Olive	2.5	7.5	200.00
	Wafer Ash	2.5	0.0	-100.00
	White poplar	0.00	7.5	750.00
	Sweet Clover	0.00	17.5	1750.00

A majority of work consisted of connecting the 2 isolated hill prairies via woody vegetation in the ravine separating them. Resprouts and new exotics were treated as they appeared (oriental bittersweet and while poplar).

Andress Prairie
Rock Island County



Units: 1

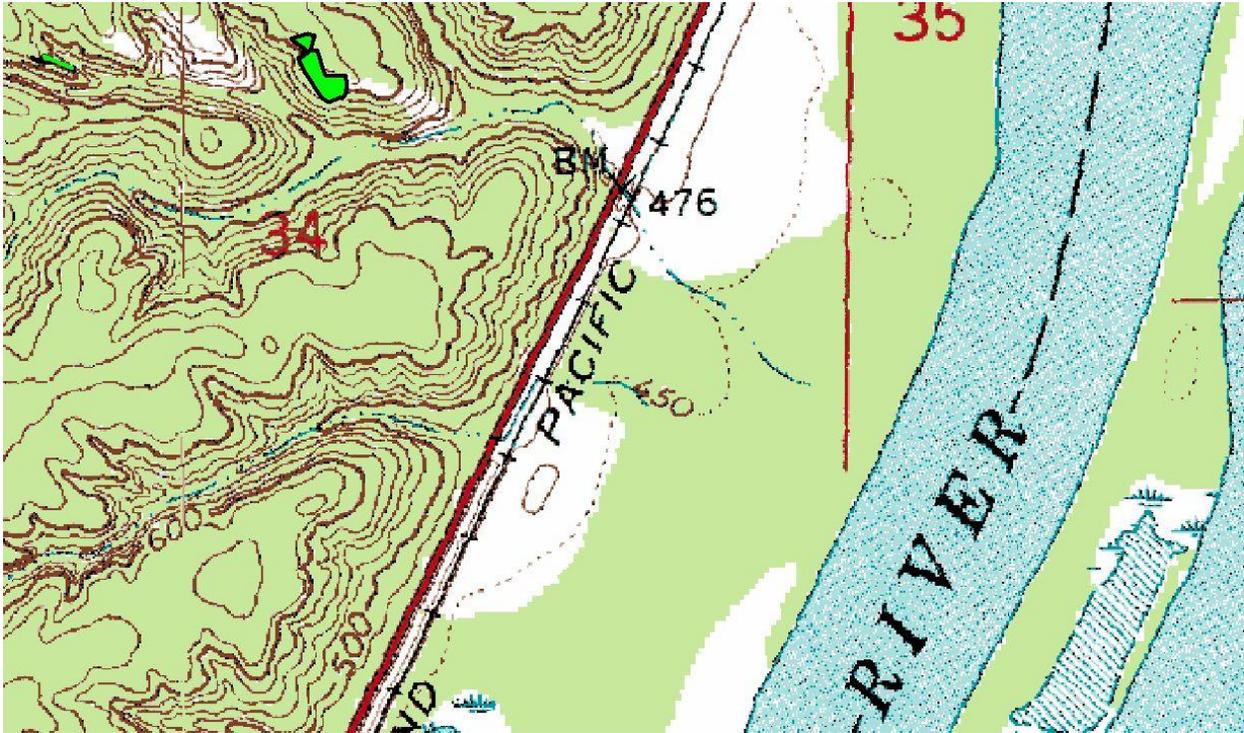
Contractual Dollars Spent: \$1,223.70

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Eastern Red Cedar	17.5	7.5	-53.00
	Red Elm	17.5	7.5	-53.00
	Garlic Mustard	2.5	2.5	0.00

Primary accomplishment was a 25% reduction in eastern red cedar and red elm from the hill prairie and surrounding ridgetop.

Hopewell Hill Prairies Nature Preserve
Marshall County



Units: 3

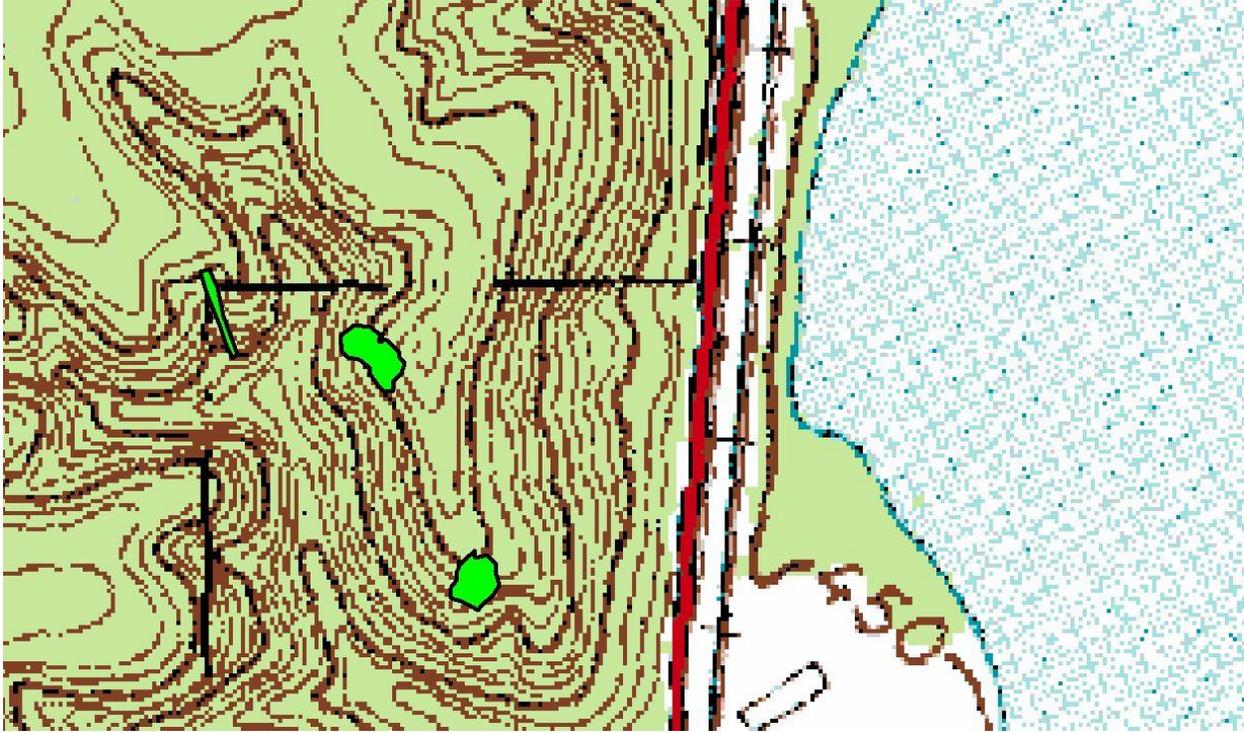
Contractual Dollars Spent: \$2414.00

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
#116			
Sugar Maple	2.5	17.5	600.00
Autumn Olive	2.5	0.00	-100.00
Oak sp.	2.5	7.5	200.00
#117			
Dogwood sp.	2.5	2.5	0.00
Autumn Olive	2.5	0.00	-100.00
Oak sp.	2.5	2.5	0.00
Eastern Hophornbeam	2.5	2.5	0.00
Sassafras	2.5	2.5	0.00
Bush Honeysuckle	2.5	0.00	-100.00
#239/238			
Dogwood sp.			
Hickory sp.			
Eastern Hophornbeam			
Autumn Olive			

Work efforts concentrated on removing bush honeysuckle and autumn olive.

Marshall County Hill Prairies
Marshall County



Units: 3

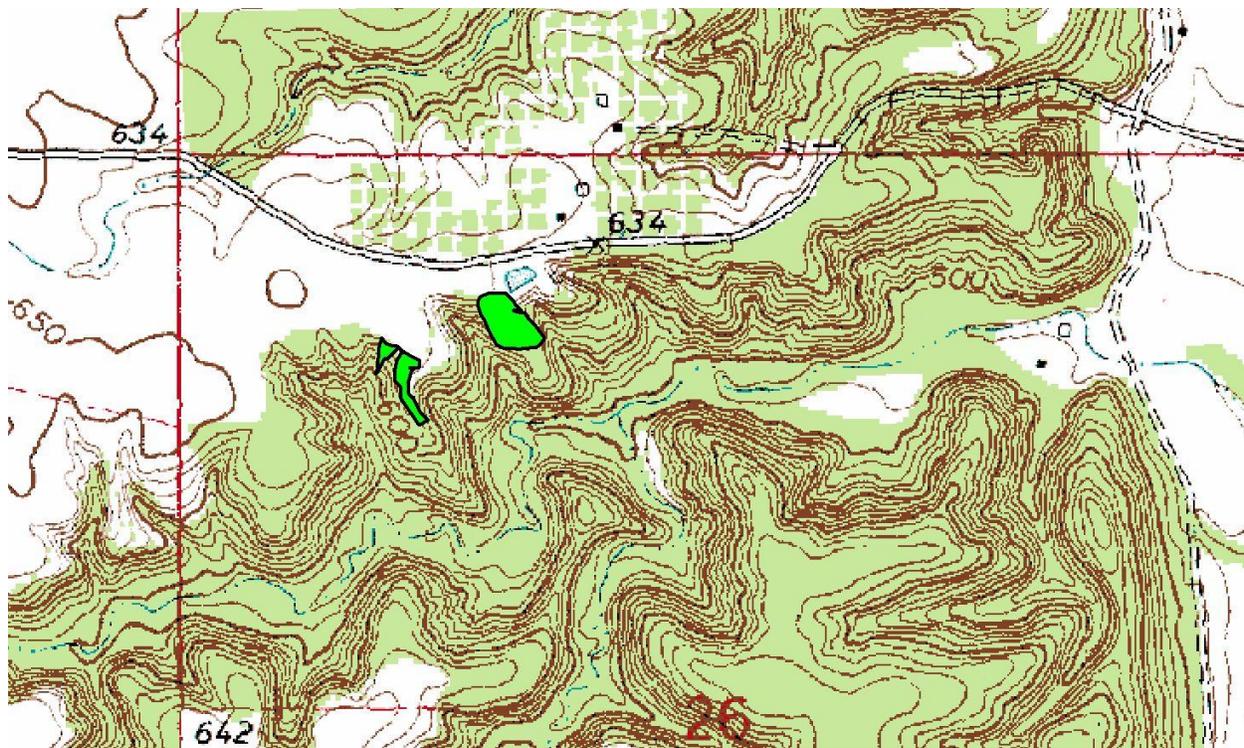
Contractual Dollars Spent: \$15,681.78

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Autumn Olive	2.5	0.0	-100.00
	Black Locust	2.5	0.0	-100.00
	Multiflora Rose	2.5	0.0	-100.00

Canopy cover and brush were greatly reduced around all three state-owned hill prairies units in addition to controlling exotic species. Trees were thinned on over eight acres of blufftop surrounding the hill prairies. Prior to the project the hill prairies were distinct, separated by heavy woody cover. Post-project, the wind flows across the entire bluff and the hill prairies blend gradually into the open woodland community where herbaceous vegetation has responded well to the tree removal.

Oak Bluff Savanna Nature Preserve
Marshall County



Units: 3

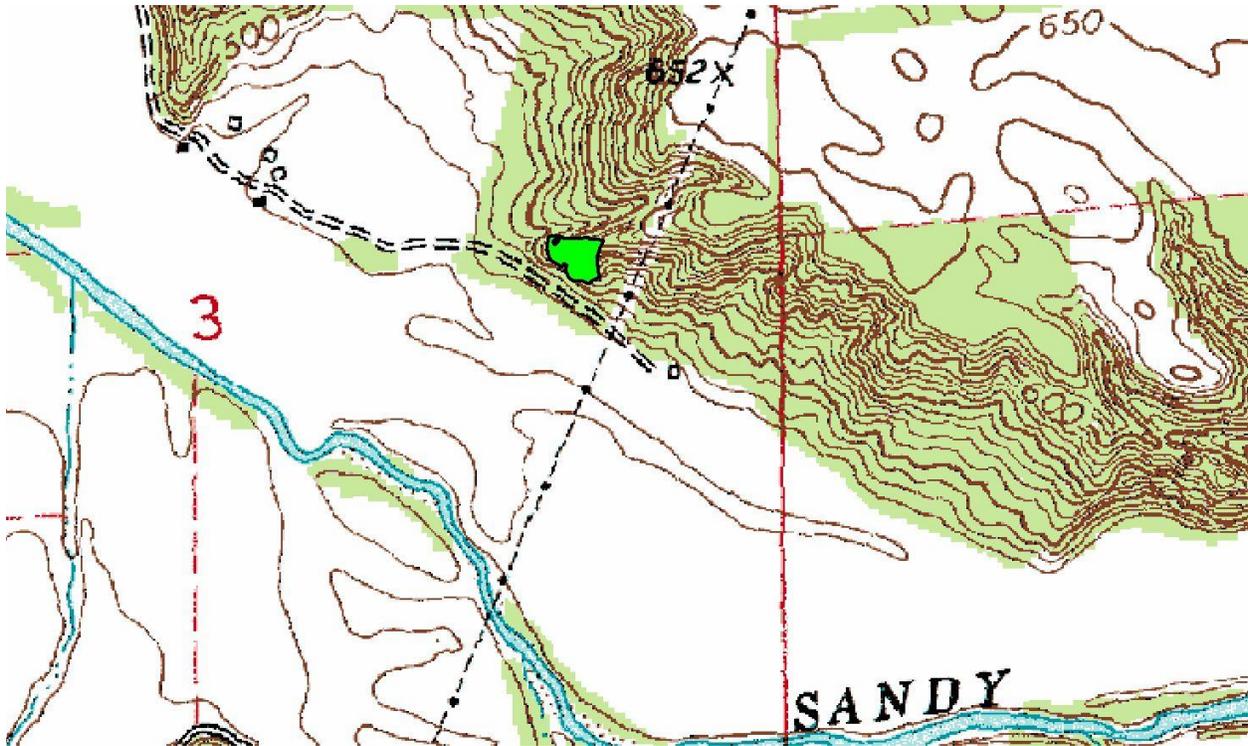
Contractual Dollars Spent: \$7931.00

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Nature Preserve			
Bush Honeysuckle	0.00	0.00	0.00
Autumn Olive	0.00	0.00	0.00
Eastern Hophornbeam	0.00	0.00	0.00
Buffer			
Crown Vetch	50.0	37.5	-25.00
Autumn Olive	50.0	7.5	-85.00
Bush Honeysuckle	50.0	17.5	-65.00

Expanded both the buffer and nature preserve units along the slopes and base of the hill prairies. Also controlled exotic species from the core of the buffer unit.

Wier Hill Prairie Nature Preserve
Marshall County



Units:

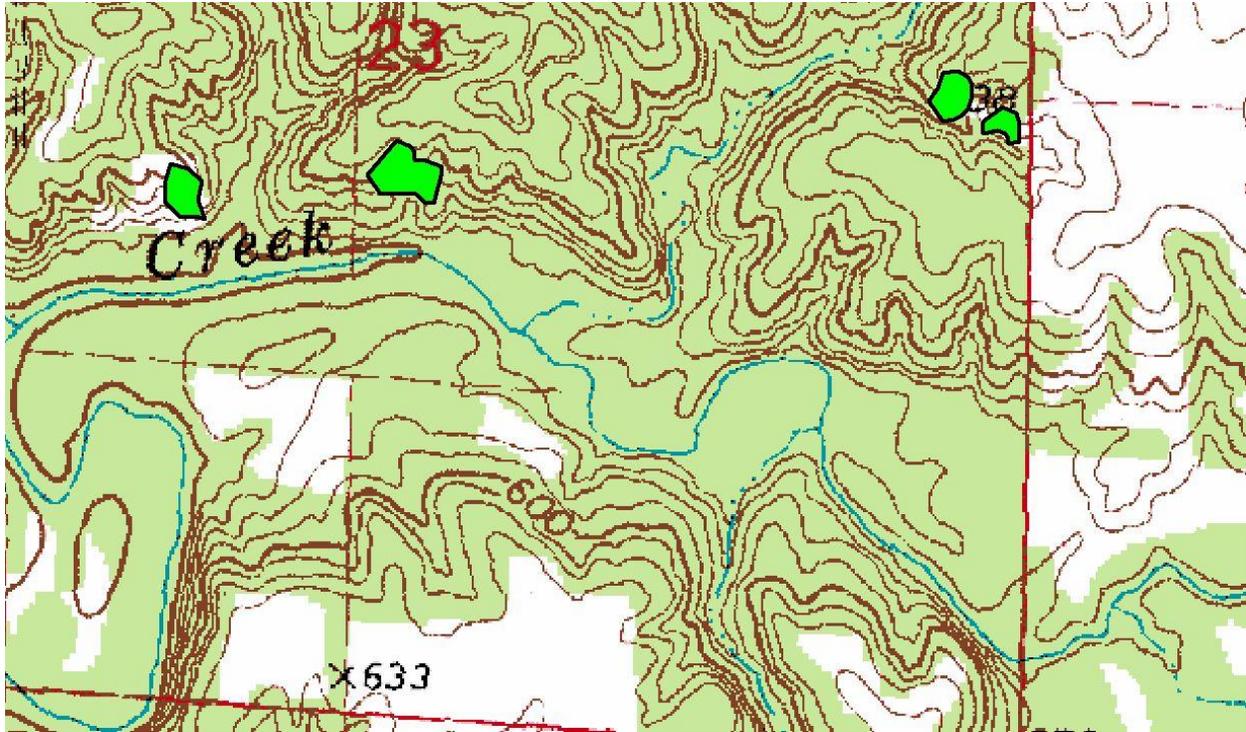
Contractual Dollars Spent: \$8,494.08

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Smooth Sumac	2.5	2.5	0.00
	Chinquapin Oak	2.5	0.0	-100.00
	Black Walnut	2.5	0.0	-100.00
	Sweet Clover	17.5	17.5	0.00
	Common Mullein	0.0	2.5	250.00

Because this prairie was receiving active management, contractual efforts focused on controlling bush honeysuckle in areas adjacent to the prairie to keep it from spreading. Hand pulling sweet clover also occurred and is ongoing.

Curtis Prairie
McDonough County



Units: 4

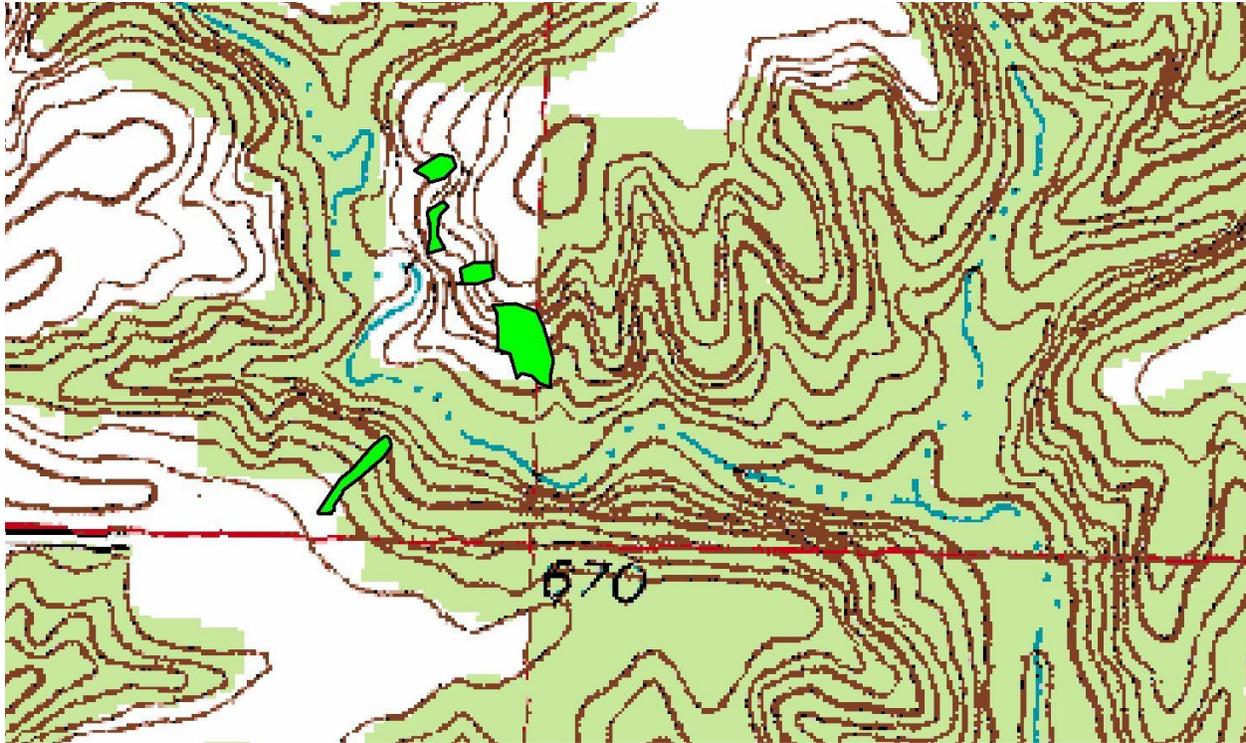
Contractual Dollars Spent: \$7,565.76

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Bush Honeysuckle	7.5	0.00	-100.00
Osage Orange	7.5	0.00	-100.00
Autumn Olive	2.5	0.00	-100.00
Black Locust	7.5	0.00	-100.00
Multiflora Rose	7.5	7.5	0.00
Eastern Red Cedar	7.5	0.00	-100.00
Wild Black Cherry	2.5	0.00	-100.00
Shingle Oak	2.5	0.00	-100.00
Honey Locust	2.5	0.00	-100.00
Slippery Elm	2.5	0.00	-100.00
Eastern Hophornbeam	0.0	2.5	250.00
Smooth Sumac	0.0	7.5	750.00
Rough-leaved Dogwood	0.0	2.5	250.00

All the contractual work was completed in the central unit clearing woody native and exotic vegetation.

Thistle Hills Prairie
McDonough County



Units: 5

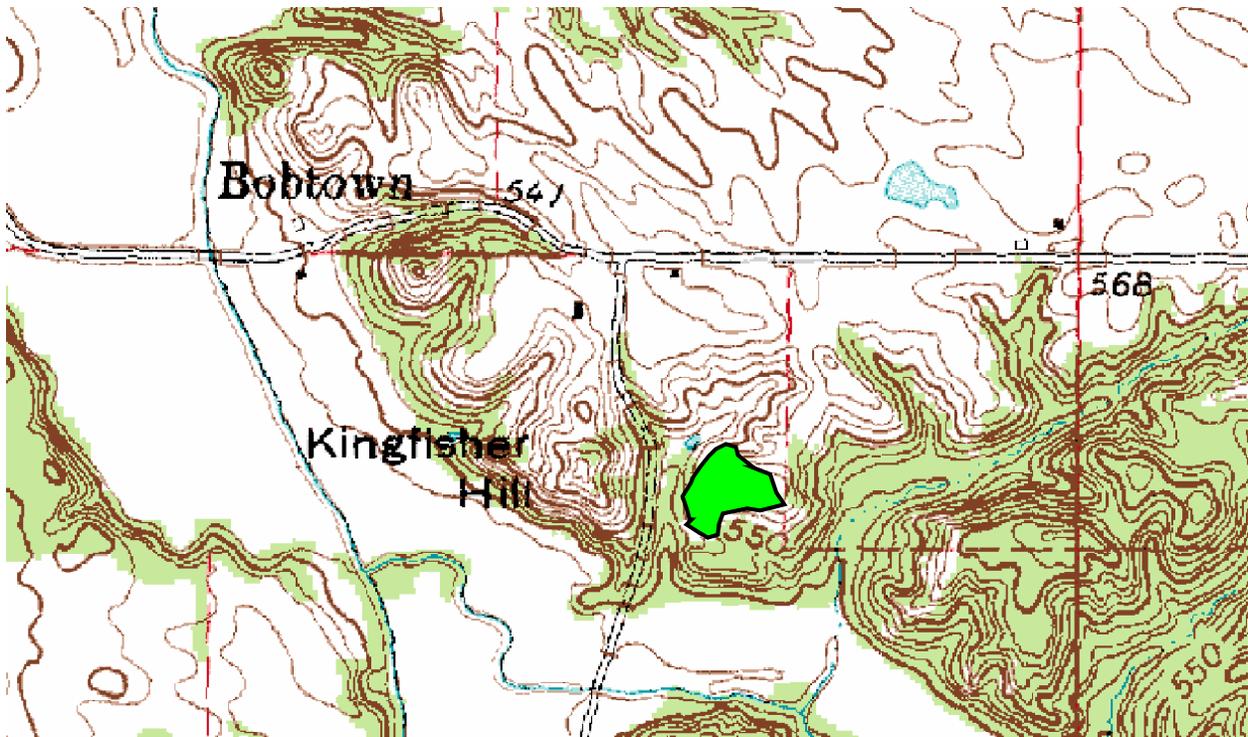
Contractual Dollars Spent: \$8,524.80

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Sweet Clover	0.0	7.5	750.00
Eastern Hophornbeam	0.0	2.5	250.00
Red Oak	0.0	7.5	750.00
Rough-leaved Dogwood	0.0	2.5	250.00
Sugar Maple	0.0	7.5	750.00
Eastern Red Cedar	0.0	7.5	750.00

Prior to management most of the prairies were under a closed canopy of blackjack oak and shagbark hickory

Witter's Bobtown Nature Preserve
Menard County



Units: 1

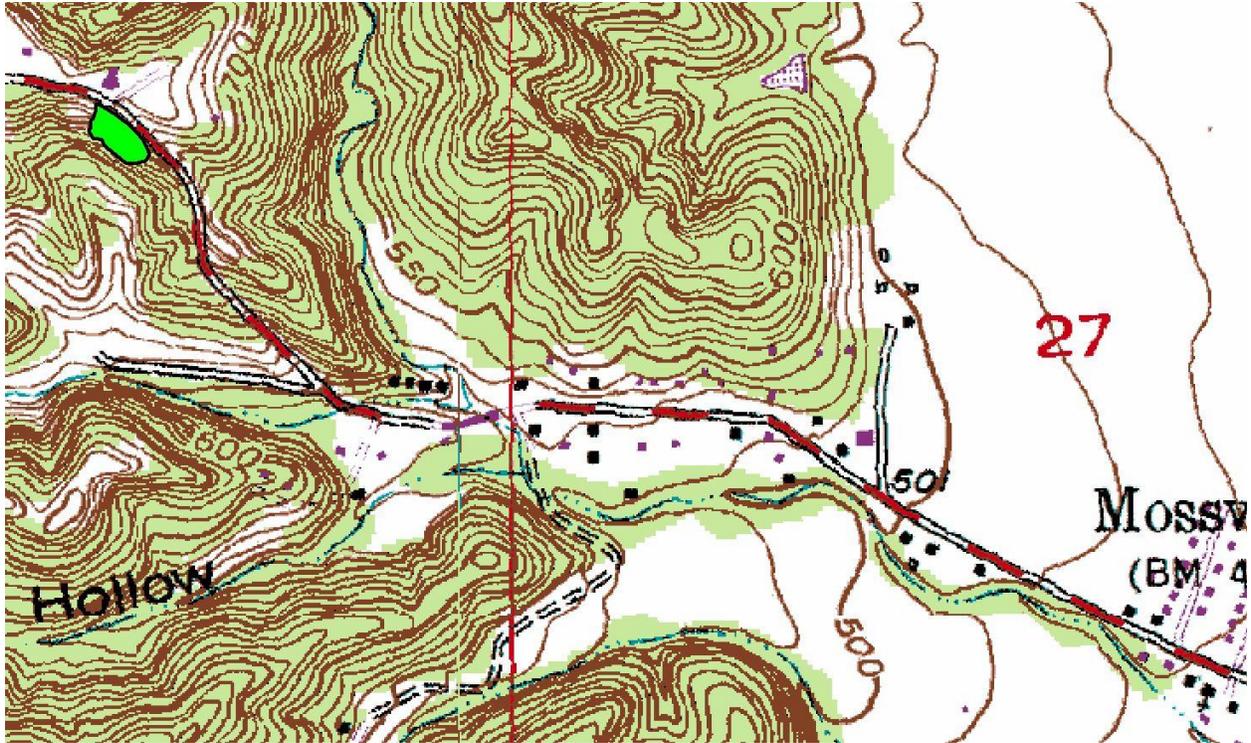
Contractual Dollars Spent: \$1,500.00

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Smooth Sumac	2.5	2.5	0.00
Dogwood sp.	37.5	17.5	-53.33
American Sycamore	2.5	0	-100.00
Oak sp.	2.5	2.5	0.00

Work was done to reduce the abundance of dogwood thickets in the center of the prairie.

Mossville Road Hill Prairie
Peoria County



Units: 1

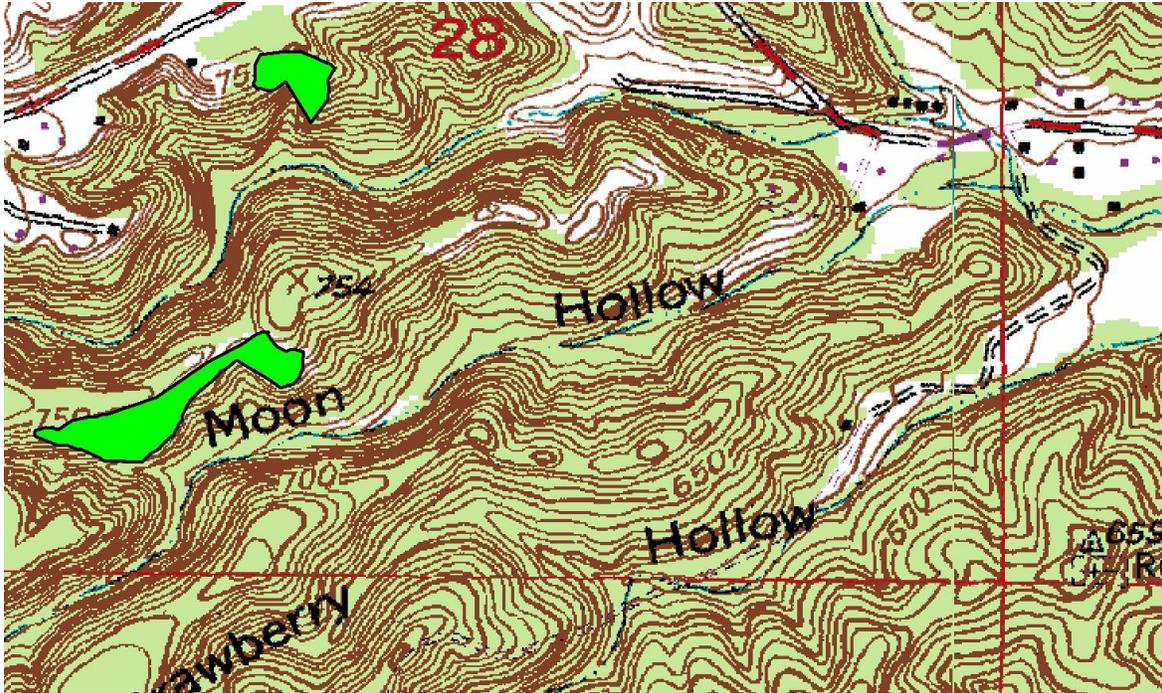
Contractual Dollars Spent: \$7,216.48

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Crown Vetch	7.5	2.5	-66.67
Sweet Clover	2.5	2.5	0.00
Rough-leaved Dogwood	2.5	2.5	0.00
Eastern Redbud	2.5	0.0	-100.00
Nannyberry	2.5	0.0	-100.00
Plum	2.5	0.0	-100.00

Trees in the draws and at the base of the hill were reduced by 50-60% in addition to a reduction in crown vetch.

Robinson Park Hill Prairies
Peoria County



Units: 2

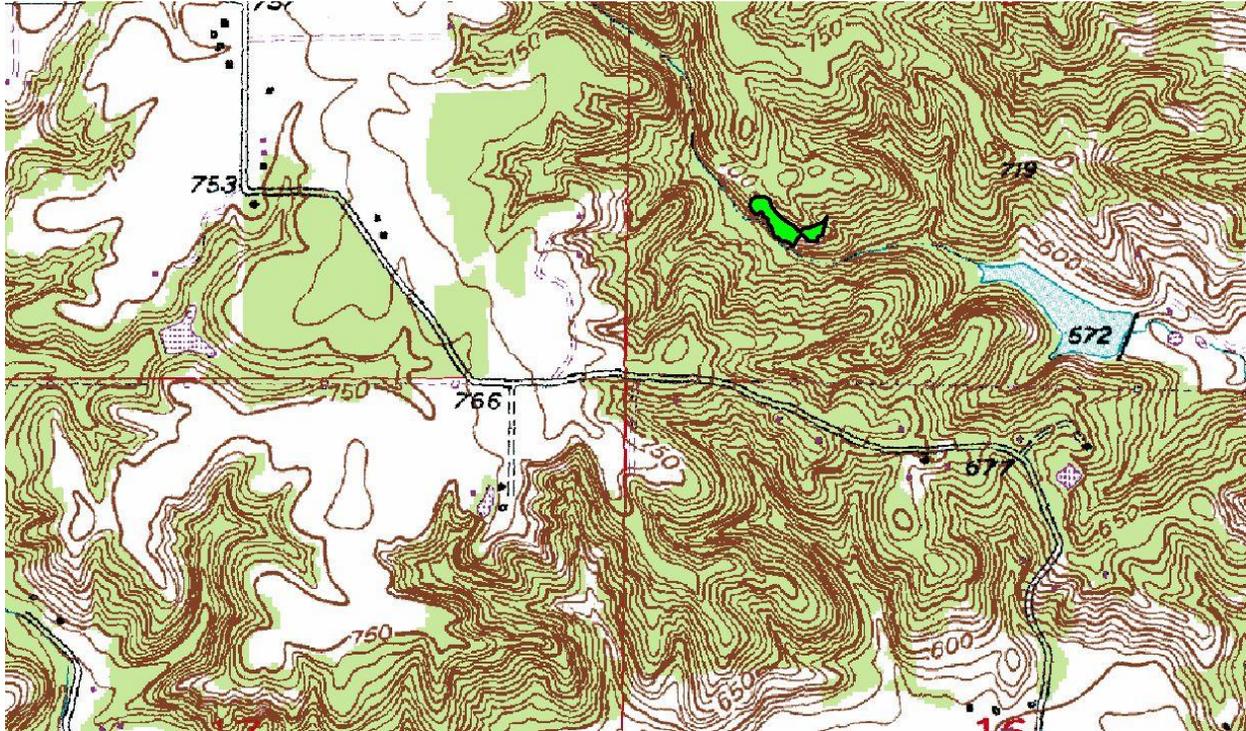
Contractual Dollars Spent: \$37,749.44`

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Garlic Mustard	2.5	0.00	-100.00
	Canada Bluegrass	2.5	0.00	-100.00
	Sweet Clover	2.5	0.00	-100.00
	Kentucky Bluegrass and other cool seasons	7.5	0.00	-100.00
	Sugar Maple	17.5	0.00	-100.00
	Eastern Redbud	7.5	2.5	-66.67
	Sassafras	2.5	0.00	-100.00
	Rough-leaved Dogwood	7.5	2.5	-66.67
	Black Raspberry	2.5	0.00	-100.00
	Smooth Sumac	0.00	2.5	250.00
	Eastern Hophornbeam	0.00	2.5	250.00

Degraded areas were covered in shrubs and are slowly responding. Margins of the site were significantly increased.

Singing Woods Peoria County



Units: 1

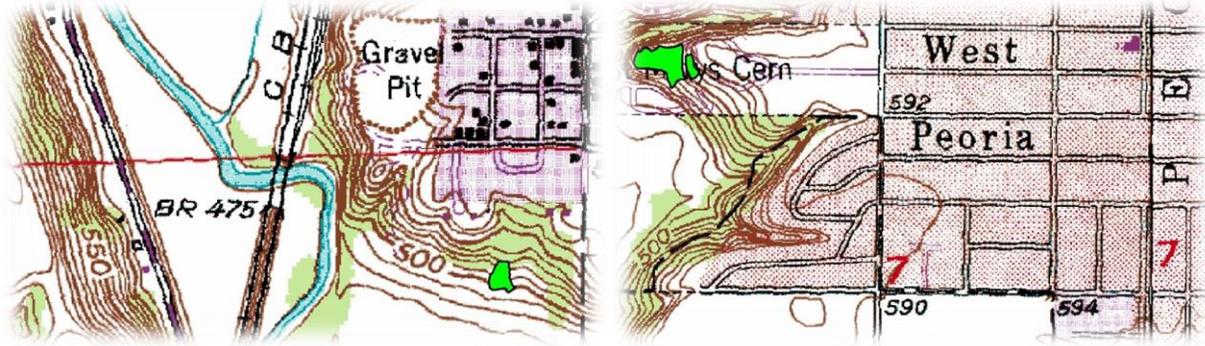
Contractual Dollars Spent: \$23,066.13

Management Accomplishments:

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Autumn Olive	2.5	0.00	-100.00
	Crown Vetch	7.5	2.5	-66.67
	Eastern Hop hornbeam	2.5	2.5	0.00
	Rough-leaved Dogwood	7.5	2.5	-66.67
	Nannyberry	7.5	0.00	-100.00
	Bush Honeysuckle	2.5	0.00	-100.00
	Chokecherry	2.5	0.00	-100.00
	Bladdernut	0.00	7.5	750.00
	Smooth Sumac	0.00	2.5	250.00

Boundary was significantly increased. Numerous red oaks and other hardwoods were removed or girdled.

St. Mary's Hill Prairie Peoria County



Units: 3

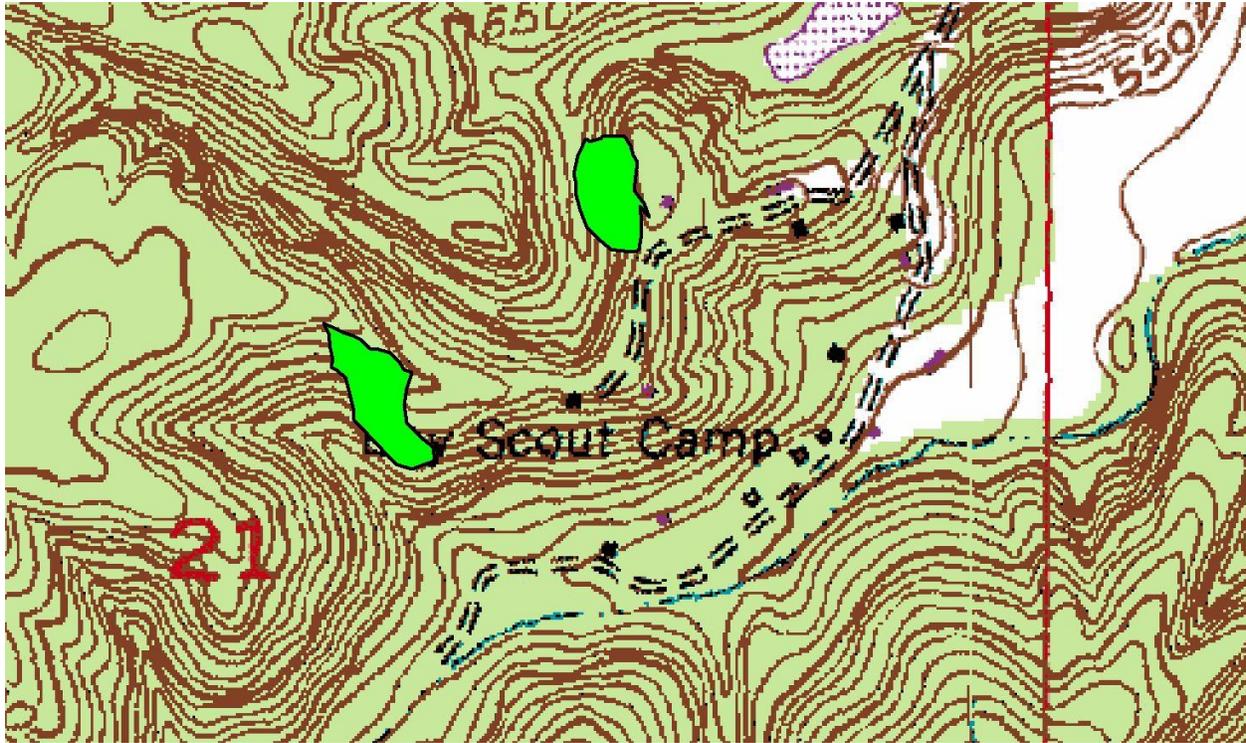
Contractual Dollars Spent: \$25,041.09

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Sanitary District			
Osage Orange	2.5	2.5	0.00
White Mulberry	7.5	0.00	-100.00
Bush Honeysuckle	2.5	2.5	0.00
Autumn Olive	2.5	0.00	-100.00
Sweet Clover	17.5	2.5	-85.71
Smooth Sumac	2.5	0.00	-100.00
Northeast Small			
Bush Honeysuckle	2.5	2.5	0.00
Sweet Clover	2.5	2.5	0.00
Bouncing Bet	2.5	0.00	-100.00
Siberian Elm	2.5	2.5	0.00
Common Mullein	2.5	0.00	-100.00
Eastern Red Cedar	2.5	2.5	0.00
Big			
Sweet Clover	7.5	2.5	-66.67
Siberian Elm	2.5	2.5	0.00
Black Locust	2.5	2.5	0.00
White Mulberry	2.5	0.00	-100.00
Teasel	2.5	2.5	0.00
Bush Honeysuckle	7.5	7.5	0.00
Common Mullein	2.5	0.00	-100.00
Exotic Iris	2.5	0.00	-100.00

Doubled the size of the boundary from 0.3 to 0.6 acres, albeit grade c prairie addition.

Wokanda Camp Prairies
Peoria County



Units: 2

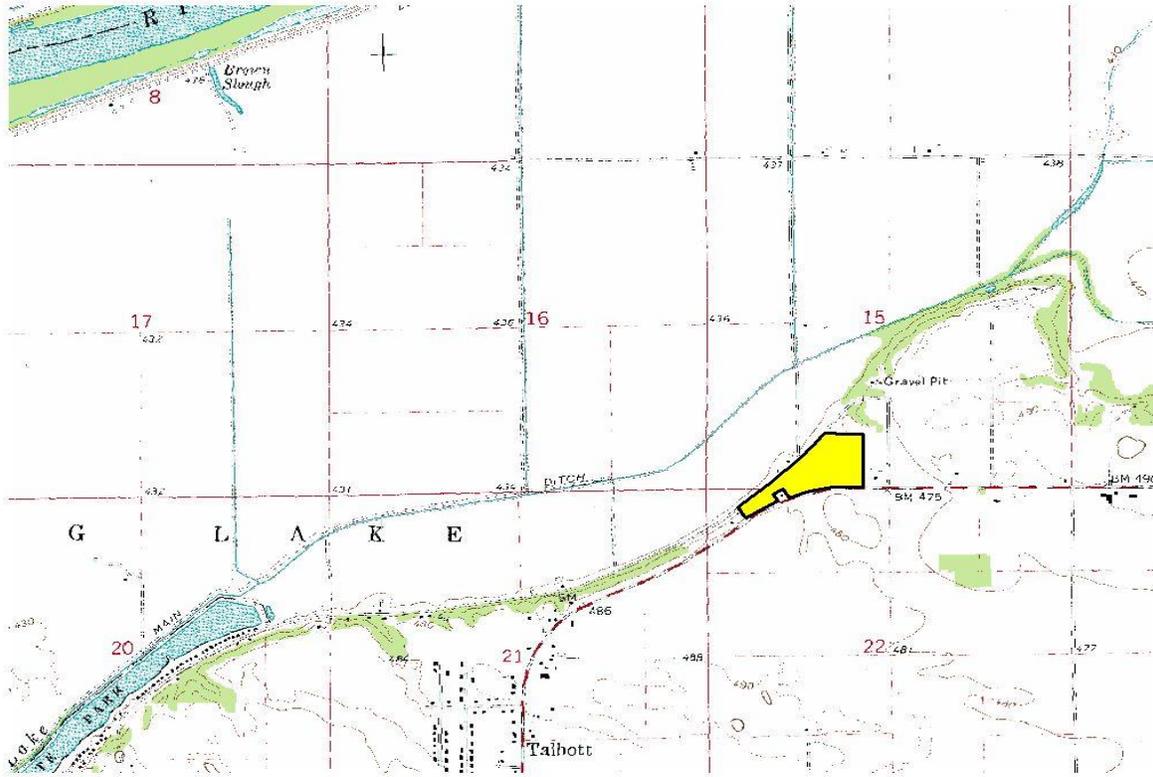
Contractual Dollars Spent: \$22,480.02

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Autumn Olive	7.5	0.00	-100.00
Garlic Mustard	2.5	0.00	-100.00
Canada Bluegrass	2.5	0.00	-100.00
Rough leaved dogwood	7.5	2.5	-67.00
Nannyberry	7.5	0.00	-100.00
Sassafras	0.00	7.5	750.00
Smooth Sumac	0.00	2.5	250.00
Common Blackberry	0.00	2.5	250.00
Hop Hornbeam	0.00	2.5	250.00

Work focused on woody vegetation at the base of the hill to savanna like conditions, primarily controlling autumn olive, black cherry, bush honeysuckle, sugar maple and red bud.

Manito Prairie Nature Preserve Tazewell County



Units: 1

Contractual Dollars Spent: \$4,100.00

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Sweet clover (yellow & white)	10	2	-80.00
Bush honeysuckle	7.5	5	-33.33
Crown vetch	<1.0	<1.0	-50.00
Poison parsnip	<1.0	0	100.00
Bouncing bet	1.0	1.0	0.00
Musk thistle	<1.0	<1.0	0.00
Smooth brome	20	20	0.00
Garlic mustard	1.0	1.0	0.00

Primary work included control of exotic and native invasive woody vegetation in the prairie. Herbaceous exotic plants were also controlled, eliminating some species and greatly reducing the extent of others. All herbaceous exotic plants are now reduced to numbers that can be maintained by annual follow-up treatments.

Crevecouer
Tazewell County



Units: 1

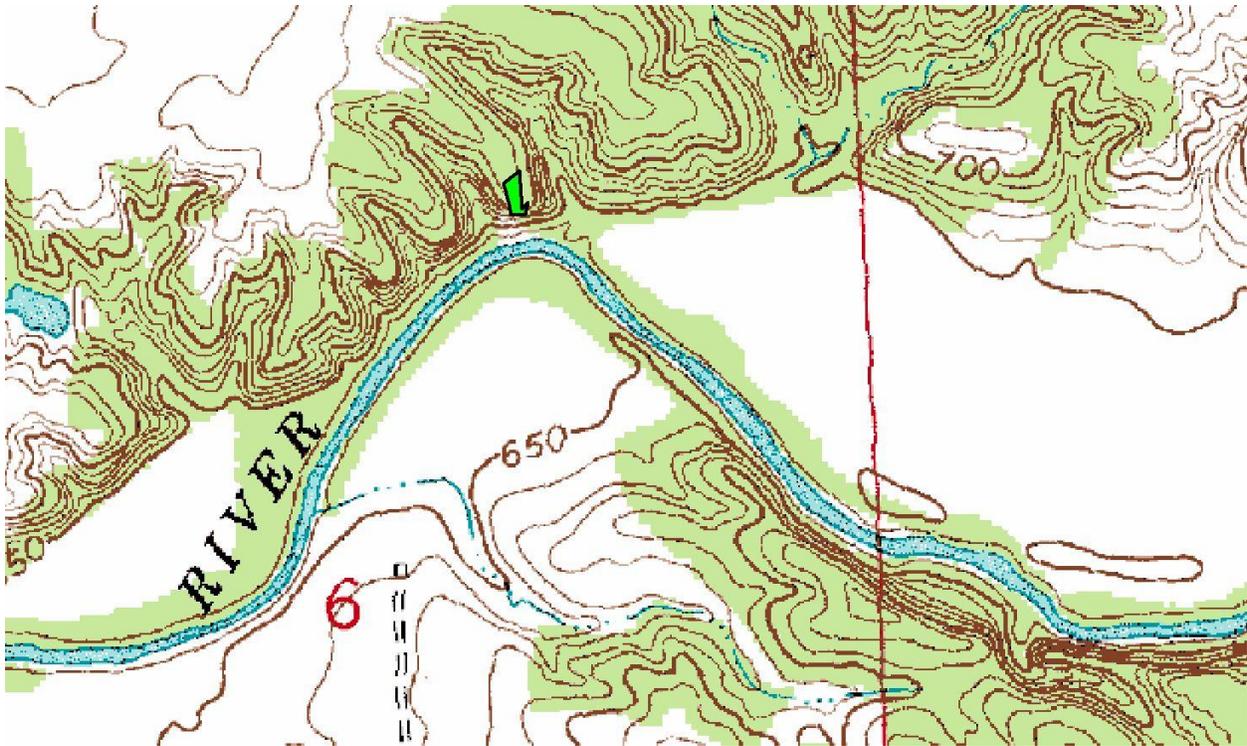
Contractual Dollars Spent: \$3,765.12

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Sassafras	2.5	2.5	0.00
Chinquapin Oak	2.5	2.5	0.00
Dogwood sp.	2.5	2.5	0.00
Sweet Clover	7.5	7.5	0.00
Black Walnut	2.5	2.5	0.00

Work included clearing native woody trees from \pm 20 feet of the boundary and opening up a breezeway so that wind was able to rush up the hillside from the river rather than swirling over the top trees at the base of the hill prairie.

Mackinaw River Hill Prairie Natural Area
Woodford County



Units: 1

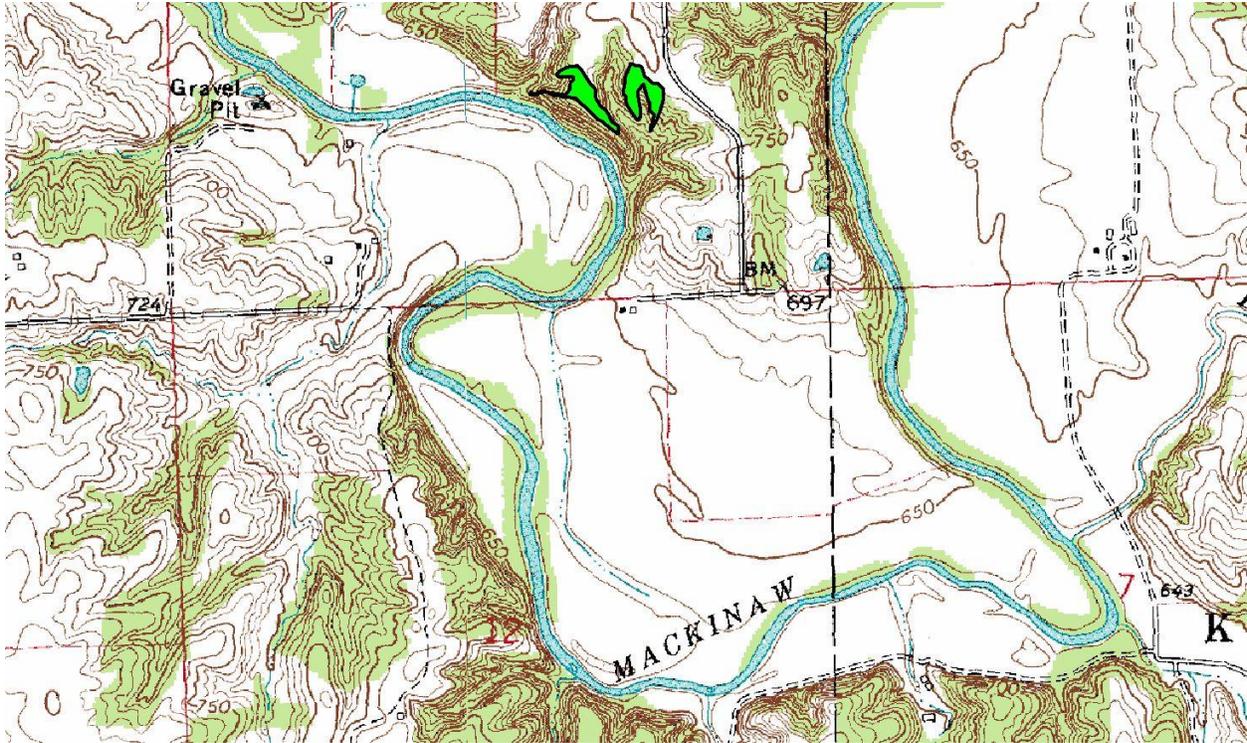
Contractual Dollars Spent: \$3,552.66

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Eastern Hophornbeam	17.5	2.5	-85.71
Eastern Redbud	2.5	2.5	0.00
Wild Black Cherry	2.5	2.5	0.00
Eastern Red Cedar	2.5	2.5	0.00
Autumn Olive	7.5	7.5	0.00

Removed all the ironwood growing in the prairie. Reduced mesic species growing in adjacent woodland by 1/3.

Ridgetop Hill Prairie Nature Preserve
Woodford County



Units: 2

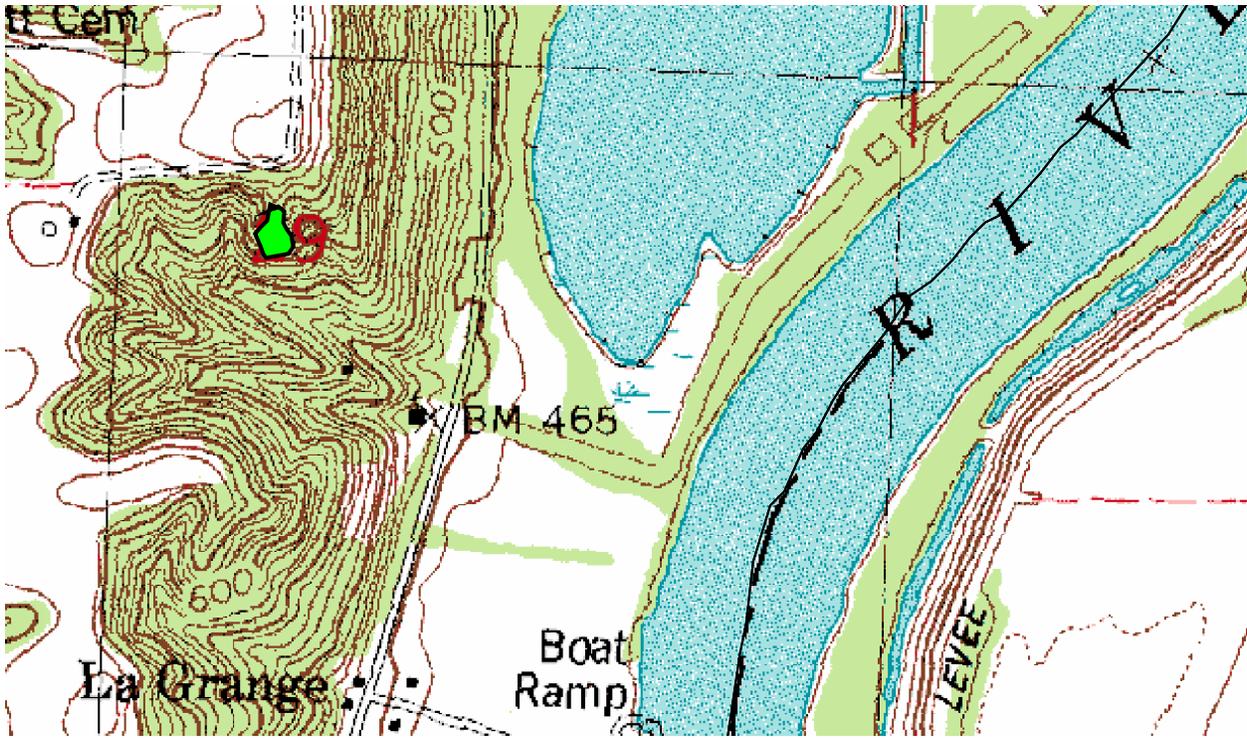
Contractual Dollars Spent: \$17,553.62

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Autumn Olive	7.5	7.5	0.00
Bush Honeysuckle	7.5	7.5	0.00
Oak sp.	2.5	2.5	0.00
Hickory sp.	2.5	2.5	0.00
Sweet Clover	17.5	17.5	0.00
Queen Anne's Lace	7.5	7.5	0.00
Goldenrod sp.	37.5	37.5	0.00
Korean Lespedeza	7.5	7.5	0.00
Multiflora Rose	2.5	2.5	0.00
Ash sp.	2.5	2.5	0.00
Cool Season Grasses	50.0	50.0	0.00

Removed poled sized trees from the highest quality prairie. Thick wooded ravine opened up. Highest quality areas treated for bush honeysuckle, autumn olive and sweet clover.

Snyder Hill Prairie
Brown County



Units: 1

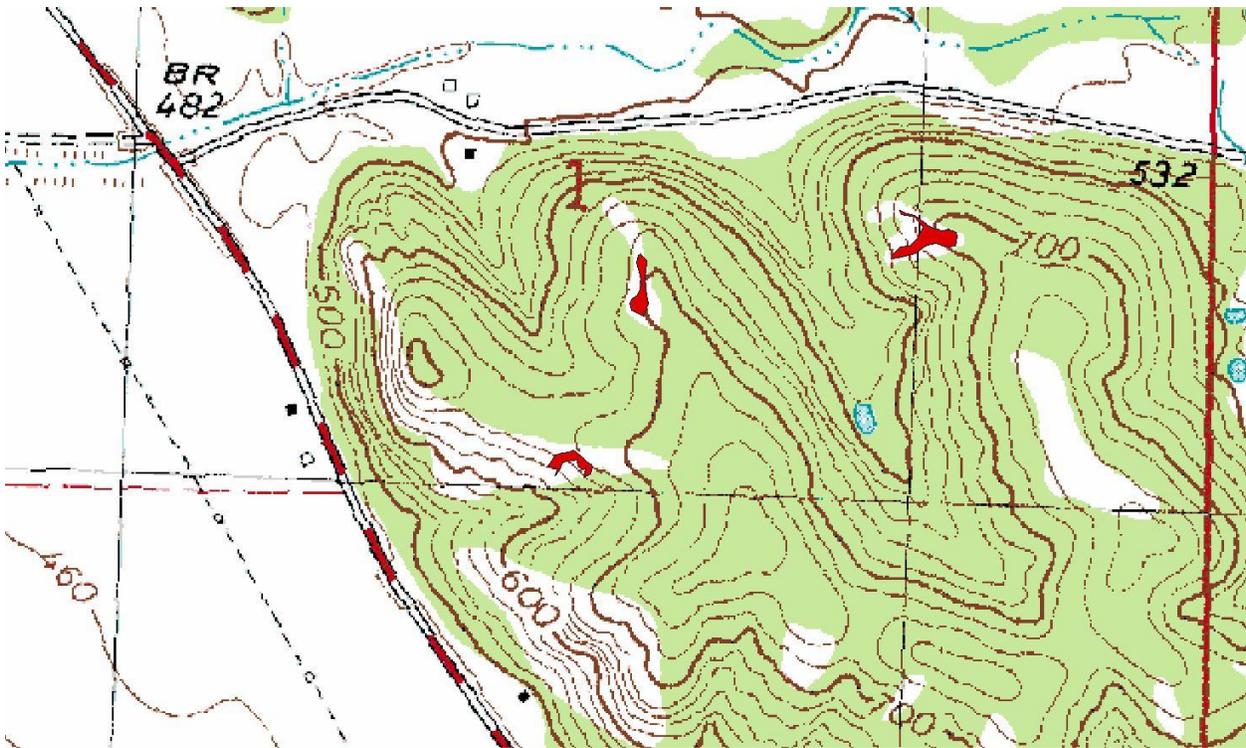
Contractual Dollars Spent: \$12,376.26

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Bush honeysuckle	0	2.5	250

Efforts were focused on the dense stand of bush honeysuckle in the woods just north of the hill prairie. Within the prairie and surroundings, sweet clover, pokeweed, *Rubus* sp., and day lily were controlled.

Graham Loess Hill Prairies
Calhoun County



Units: 4

Contractual Dollars Spent: \$4,392.02

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
North #1			
Rough-leaved Dogwood	37.5	N/A	N/A
Hickory sp.	7.5	N/A	N/A
Oak sp.	17.5	N/A	N/A
Ash sp.	7.5	N/A	N/A
Sassafras	7.5	N/A	N/A
North #2			
Rough-leaved Dogwood	37.5	N/A	N/A
Blackberry	7.5	N/A	N/A
Smooth Sumac	7.5	N/A	N/A
Aromatic Sumac	2.5	N/A	N/A
Coral Berry	2.5	N/A	N/A
Oak sp.	17.5	N/A	N/A
Black Walnut	2.5	N/A	N/A
Sassafras	7.5	N/A	N/A
Ash sp.	2.5	N/A	N/A

East

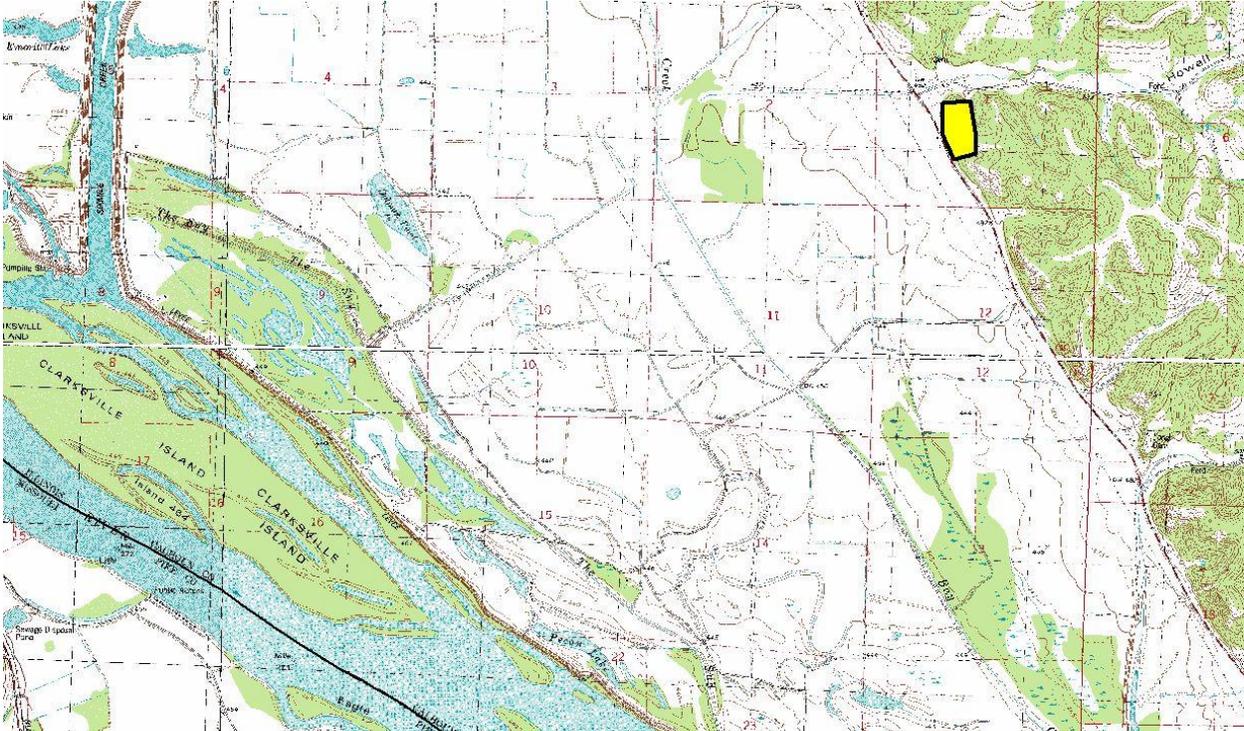
Ash sp.	17.5	0.00	-100.00
Black Walnut	37.5	7.5	-80.00
Sassafras	50	0.00	-100.00
Eastern Red Cedar	7.5	0.00	-100.00
Dogwood sp.	0.00	17.5	1750.00
Oak sp.	2.5	17.5	600.00
Sumac sp.	0.00	17.5	1750.00

West

Eastern Red Cedar	17.5	0.00	-100.00
Oak sp.	37.5	17.5	-53.33
Aromatic Sumac	17.5	17.5	0.00
Flowering Dogwood	7.5	7.5	0.00
Rough-leaved Dogwood	17.5	7.5	-57.14
Poison Ivy	2.5	0.00	-100.00

The north two units did not receive any management due to time and budgetary constraints. Eastern red cedars, oaks and other woody trees were cut from the east and west units just to maintain these 1/5th acre openings.

Jennings Hill Prairie
Calhoun County



Units: 1

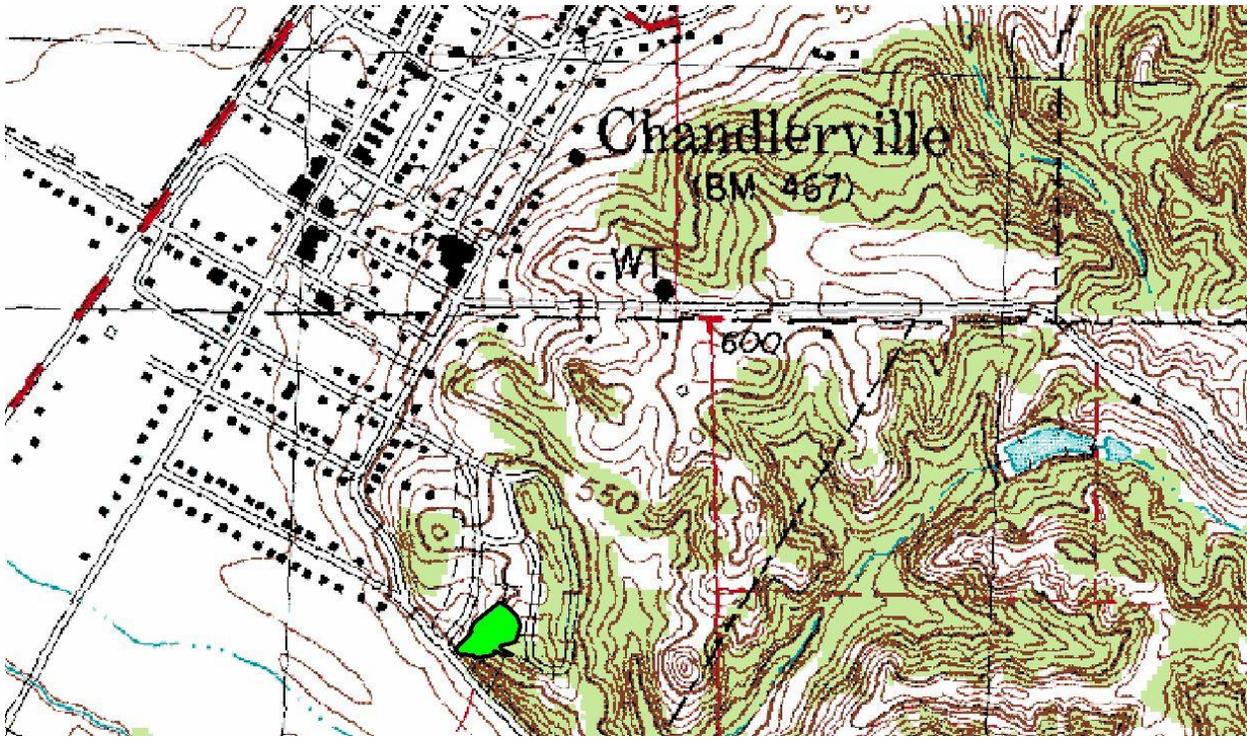
Contractual Dollars Spent: \$6,589.50

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Autumn Olive	12.5	2.5	-80.00
Bush honeysuckle	12.5	2.5	-80.00
Sassafras	7.5	2.5	-67.00
Rough leaved dogwood	2.5	0.00	-100.00
Crown vetch	7.5	2.5	-67.00
Oriental hops	7.5	2.5	-67.00

The biggest assistance was for 25 hours of prescribed burning assistance (fire line construction) from the contractors. Other work included crown vetch, asian hops, autumn olive and bush honeysuckle control.

Chandlerville Cemetery Hill Prairie
Cass County



Units: 1

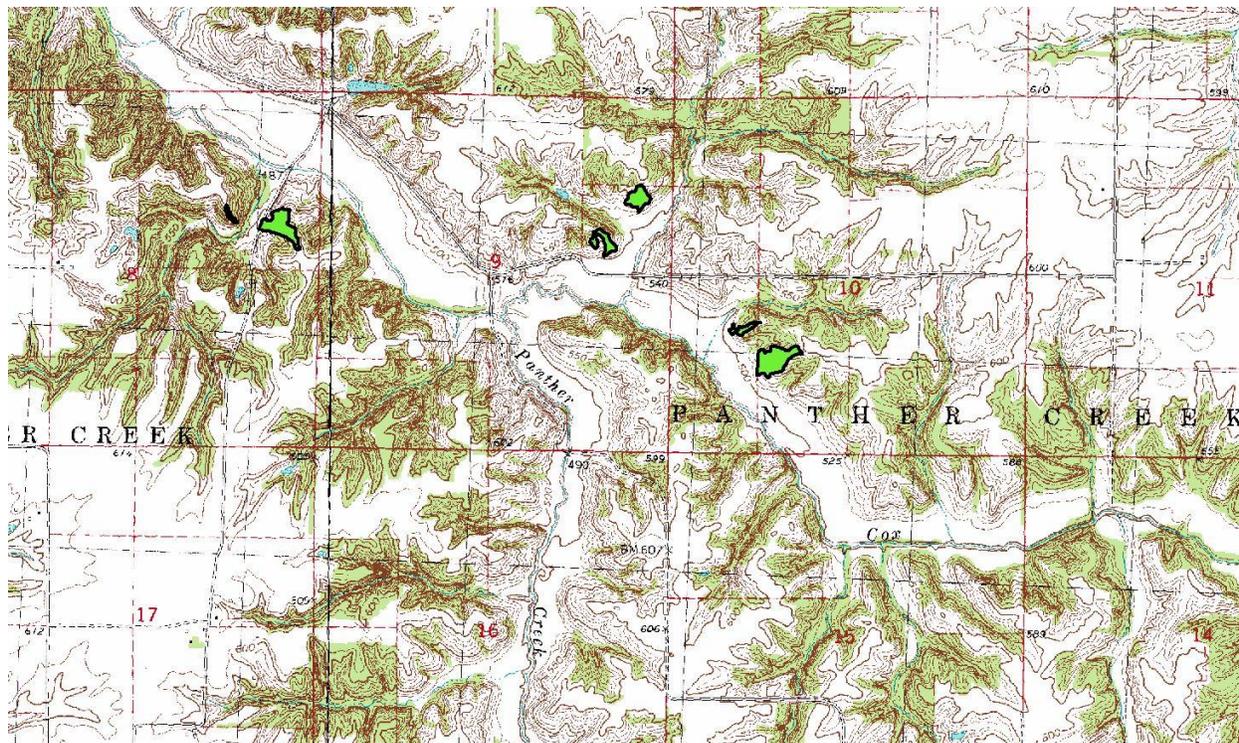
Contractual Dollars Spent: \$9,695.85

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Black Locust	15	2.5	-83.33
Smooth Sumac	7.5	2.5	-66.67
Dogwood sp.	15	2.5	-83.33
Tree of Heaven	7.5	2.5	-66.67
Siberian Elm	2.5	2.5	0.00
White Mulberry	0.00	2.5	250.00

Significant clearing of dogwood and tree of heaven from within the prairie as well as thinning of the adjacent woodlands surrounding the site.

Cox Creek Hill Prairies
 Jim Edgar Panther Creek
 Cass County



Units: 35

Contractual Dollars Spent: \$32,193.53

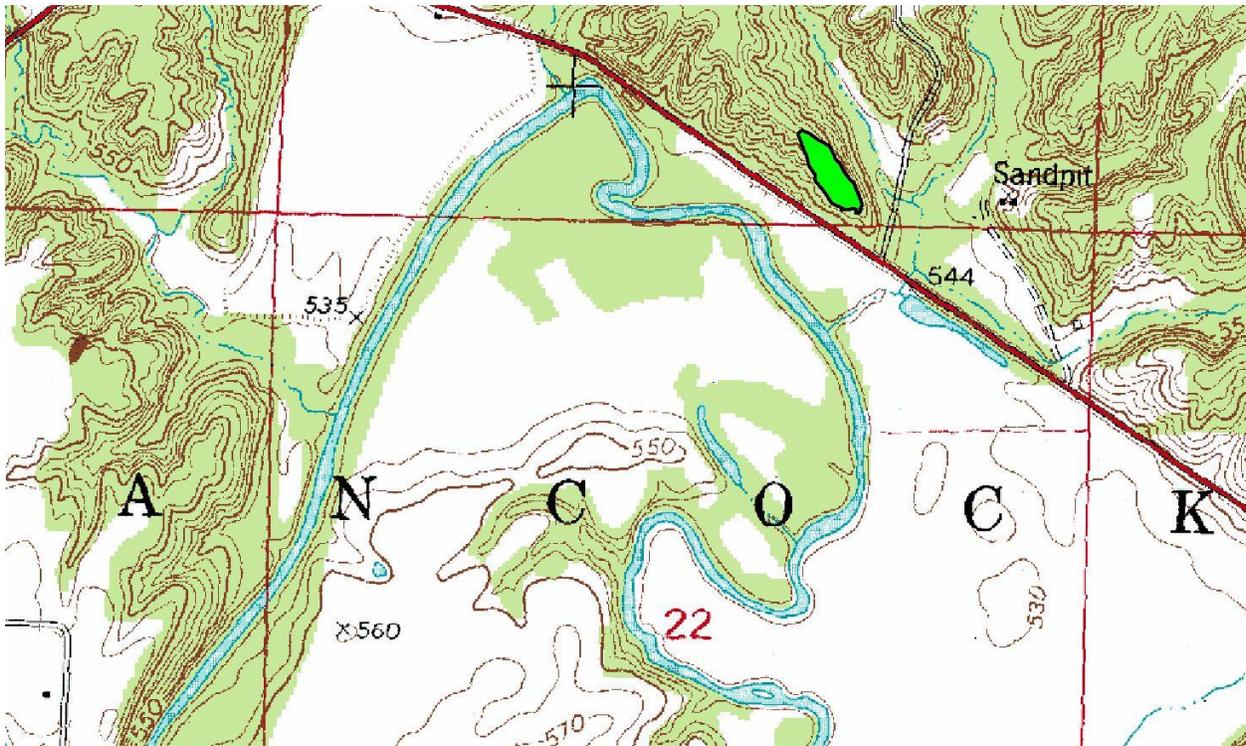
Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Hill Prairie #11			
Dogwood sp.	7.5	0.00	-100.00
Smooth Sumac	7.5	2.5	-66.67
Ribes sp.	7.5	2.5	-66.67
Autumn Olive	0.00	2.5	250.00
Hill Prairie #15			
Dogwood sp.	10.00	5.00	-50.00
Smooth Sumac	5.00	3.00	-40.00
Black Locust	5.00	0.0	-100.00
Sweet Clover	0.0	2.5	250.00
JEPC SFWMA #9			
Smooth Sumac	7.5	0.00	-100.00
Dogwood sp.	7.5	0.00	-100.00
Sweet Clover	7.5	7.5	0.00

Unit	Species	Pre assessment % coverage	Post assessment % coverage	% Change
	Bush Honeysuckle	0.00	2.5	#DIV/0!
JEPC SFWMA #33				
	Smooth Sumac	5.00	0.00	-100.00
	Dogwood sp.	5.00	0.00	-100.00
	Ribes sp.	5.00	0.00	-100.00
	Blackberry Lily	0.00	2.5	250.00
	Common Mullein	0.00	2.5	250.00
	Bush Honeysuckle	0.00	2.5	250.00
	Sweet Clover	0.00	2.5	250.00
JEPC SFWMA #34				
	Dogwood sp.	80.00	0.00	-100.00
	Smooth Sumac	50.00	0.00	-100.00
	Elm sp.	50.00	0.00	-100.00
	Bush Honeysuckle	0.00	37.5	3750.00
	Blackberry Lily	0.00	2.5	250.00

Dogwood, smooth sumac, red bud and sassafras control in these 5 units made up the bulk of the contractual work.

Cecil White Hill Prairie Land and Water Reserve
Hancock County



Units: 7

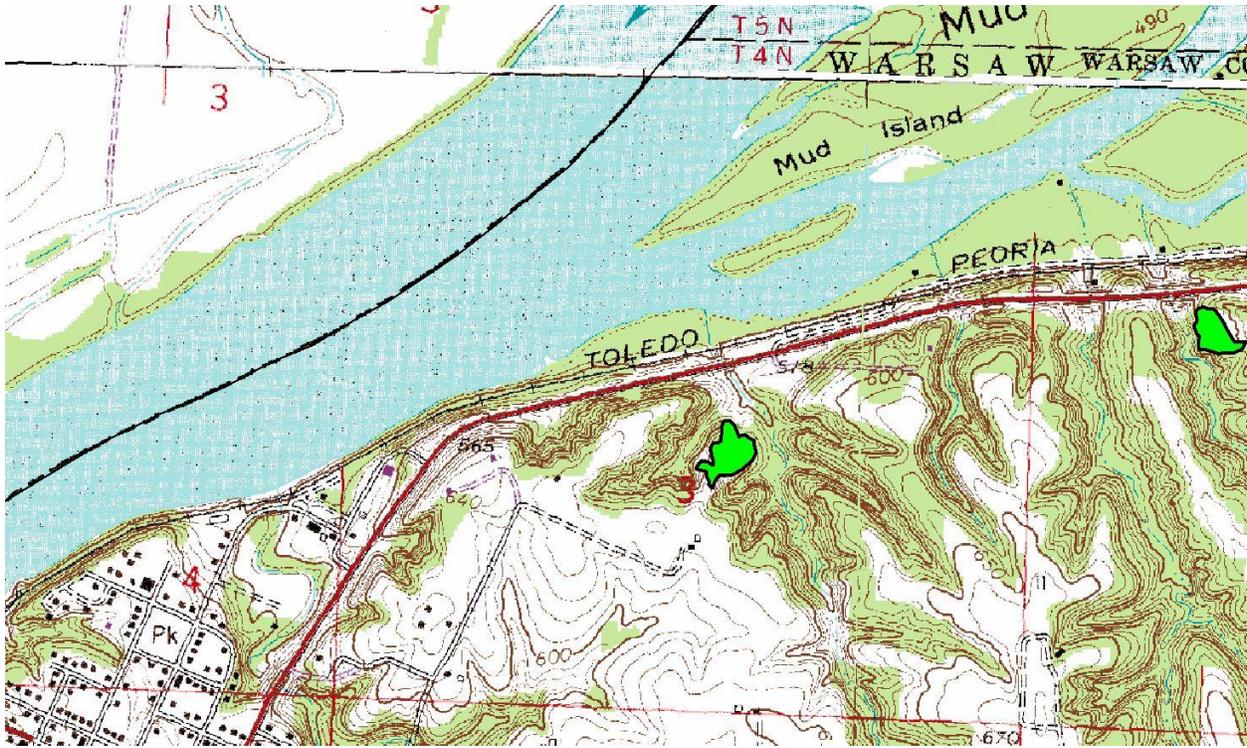
Contractual Dollars Spent: \$16,206.10

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Bush Honeysuckle	2.5	2.5	0.00
Multiflora Rose	2.5	2.5	0.00
Eastern Redbud	17.5	17.5	0.00
Eastern Hop hornbeam	2.5	2.5	0.00
Oak sp.	37.5	37.5	0.00
Eastern Red Cedar	2.5	2.5	0.00
Rough-leaved Dogwood	7.5	7.5	0.00
Other Trees	17.5	17.5	0.00
Sweet Clover	2.5	2.5	0.00
Poison Ivy	17.5	17.5	0.00

Nearly all the work was spent controlling native woody vegetation from the periphery of the prairie. In addition, limited seed collection was completed.

Mississippi River Sand Hills Hancock County



Units: 2

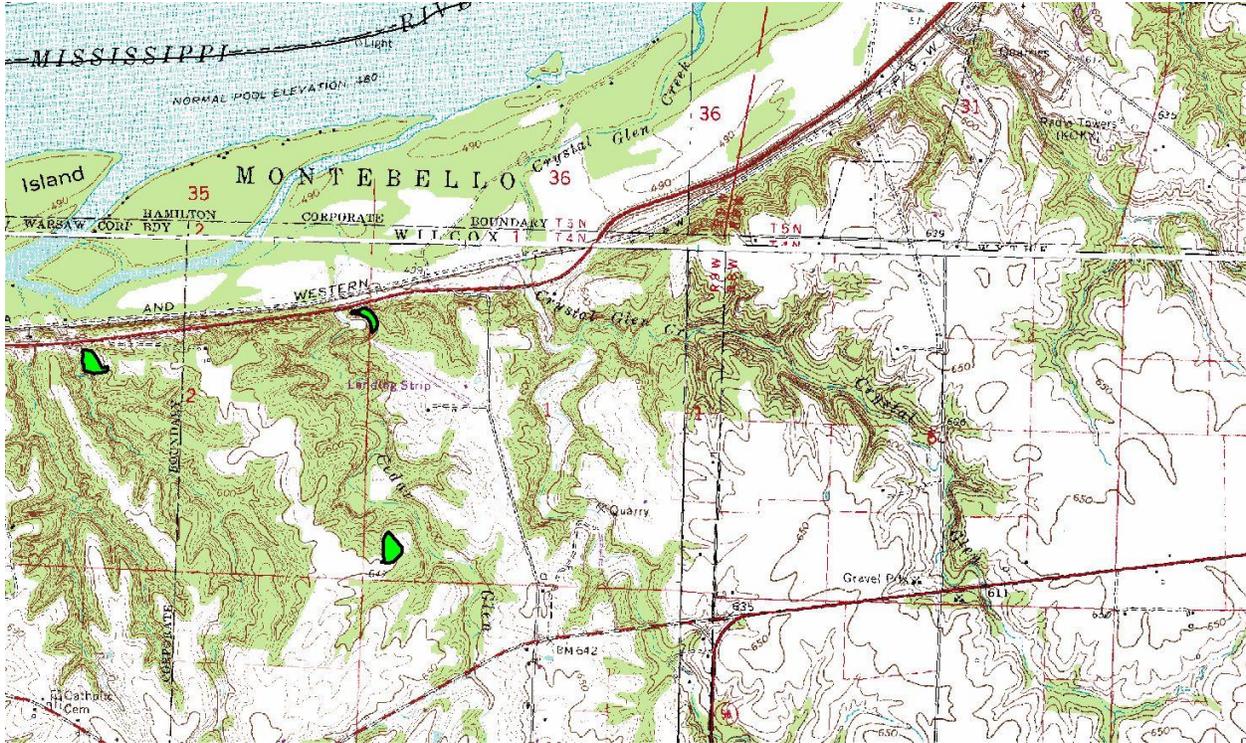
Contractual Dollars Spent: \$13,042.33

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Eastern Red Cedar	7.5	0.0	-100.00
Black Locust	2.5	2.5	0.00
Oak sp.	37.5	0.0	-100.00
Eastern Hop hornbeam	17.5	0.0	-100.00
Multiflora Rose	0.0	2.5	250.00
Dame's Rocket	0.0	2.5	250.00
Garlic Mustard	0.0	2.5	250.00
Smooth Sumac	0.0	7.5	750.00
Blackberry	0.0	7.5	750.00
Rough-leaved Dogwood	0.0	7.5	750.00

Ironweed, white ash, black oak, dogwood and cedar control from around the periphery surrounding the hill prairies.

Cedar Glen (Kibbe) Hill Prairies Hancock County



Units: 3

Contractual Dollars Spent: \$17,112.93

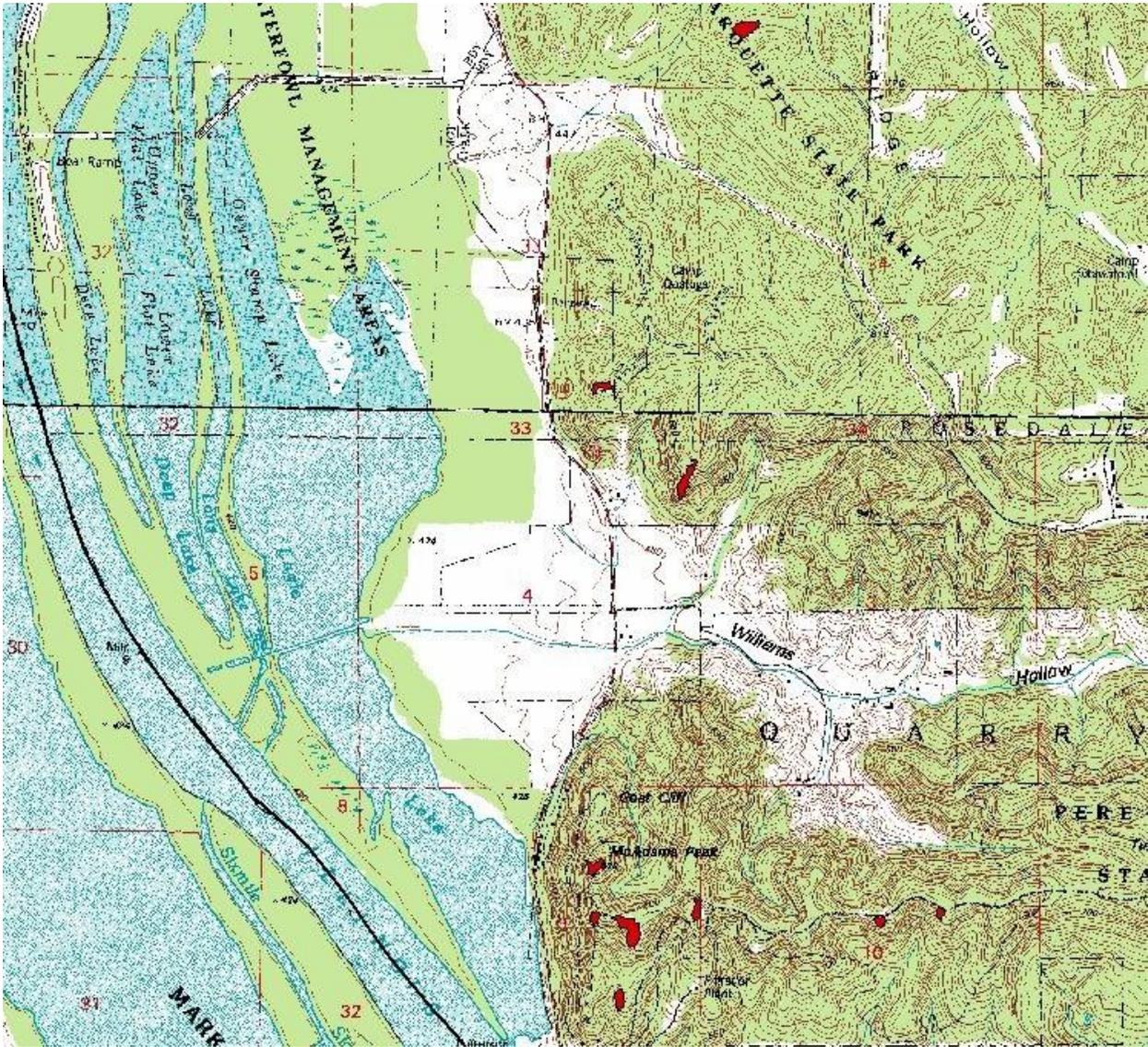
Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Warnock			
Black Locust	2.5	0.00	-100.00
Sassafras	2.5	0.00	-100.00
Rough-leaved Dogwood	2.5	7.5	200.00
Black Oak	37.5	0.00	-100.00
Viburnum	2.5	0.00	-100.00
Red bud	2.5	0.00	-100.00
Chinquapin Oak	7.5	0.00	-100.00
White Oak	2.5	0.00	-100.00
White ash	2.5	0.00	-100.00
Sweet Clover	0.00	2.5	250.00
Hop hornbeam	0.00	2.5	250.00
Sugar Maple	0.00	2.5	250.00
Red oak	0.00	7.5	250.00
Duff Barrens			
Sugar Maple	37.5	7.5	-80.00

Black Locust	2.5	0.00	-100.00
Hop Hornbeam	17.5	2.5	-85.71
Species	Pre assessment	Post assessment	%
Unit	% coverage	% coverage	Change
Autumn Olive	2.5	0.00	-100.00
Black Oak	7.5	0.00	-100.00
Redbud	7.5	0.00	-100.00
White Ash	2.5	0.00	-100.00
Sweet Clover	0.00	7.5	750.00
Red Oak	0.00	7.5	750.00
Rough-leaved Dogwood	0.00	2.5	250.00
Turkey Savanna			
Eastern Red Cedar	2.5	0.00	100.00
Sassafras	7.5	0.00	-100.00
Rough-leaved Dogwood	37.5	7.5	-80.00
Autumn Olive	2.5	0.00	100.00
Black Cherry	2.5	0.00	-100.00
Smooth sumac	37.5	7.5	-80.00
Osage Orange	2.5	0.00	-100.00
Multiflora rose	0.00	2.5	250.00
Red Oak	0.00	2.5	250.00

All three of these units were more than 75% covered with shrubs or other woody encroachment within the defined perimeter. All the work was completed to reduce woody cover.

Pere Marquette State Park
Jersey County



Units: 10
Contractual Dollars Spent: \$80,943.39
Management Accomplishments:

Pere Marquette State Park
Jersey County

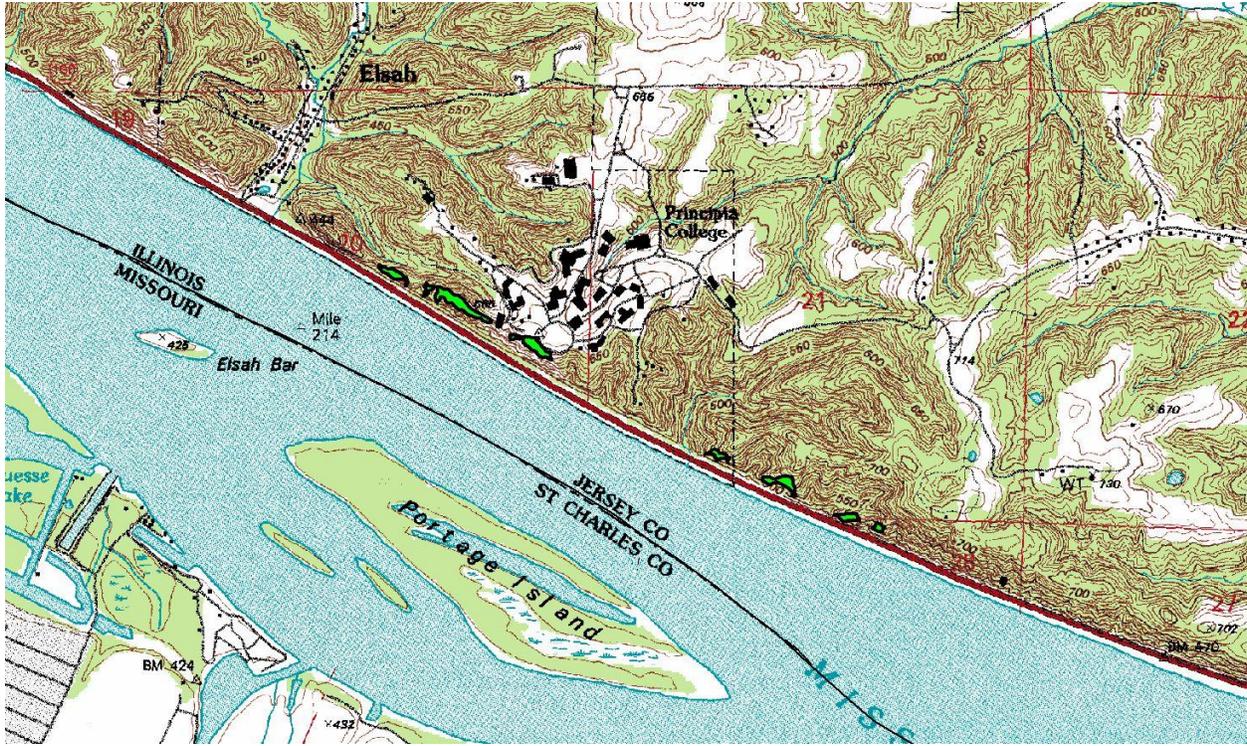
Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
St Andrews			
Aromatic Sumac	0.0	17.5	175.00
Smooth Sumac	0.0	17.5	175.00
Common Mullein	0.0	7.5	175.00
Sweet Clover	0.0	2.5	114.29
McAdams LWR Twin Mounds			
Dogwood sp.	17.5	37.5	114.29
Sumac sp.	7.5	17.5	133.33
Grape sp.	2.5	0.00	-100.00
Oak sp.	2.5	7.5	200.00
Sassafras	7.5	0.00	-100.00
Eastern Redbud	0.00	2.5	250.00
McAdams LWR Twin Lower Mounds			
Eastern Red Cedar	2.5	0.00	-100.00
Autumn Olive	7.5	2.5	-66.67
Bush Honeysuckle	2.5	0.00	-100.00
Dogwood sp.	17.5	2.5	-85.71
Sumac sp.	37.5	17.5	-53.33
Eastern Redbud	2.5	2.5	0.00
Ash sp.	7.5	0.00	-100.00
Persimmon	0.00	7.5	750.00
Grape sp.	0.00	7.5	750.00
Blackberry Lily	0.00	2.5	750.00
McAdams LWR Goat Cliff			
Wild Black Cherry	2.5	0.00	-100.00
Ash sp.	2.5	0.00	-100.00
Sumac sp.	2.5	17.5	600.00
Hickory sp.	2.5	0.00	-100.00
Eastern Redbud	2.5	2.5	0.00
Oak sp.	2.5	2.5	0.00
dogwood sp.	2.5	17.5	600.00
Grape sp.	0.00	7.5	750.00
Blackberry	0.00	7.5	750.00
McAdams LWR Twin Shelters			
Ash sp.	2.5	0.00	-100.00
American Sycamore	2.5	0.00	-100.00
Dogwood sp.	7.5	7.5	0.00
Bush Honeysuckle	2.5	0.00	-100.00
tree of Heaven	2.5	2.5	0.00
Greenbriar	0.00	2.5	250.00
Grape sp.	0.00	2.5	250.00
Sweet Clover	0.00	2.5	250.00
Sumac sp.	0.00	2.5	250.00
McAdams LWR McAdams Peak			
Ash sp.	2.5	0.00	-100.00

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Oak sp.	2.5	2.5	0.00
Unit			
Eastern Red Cedar	2.5	0.00	-100.00
Dogwood sp.	2.5	7.5	200.00
Sumac sp.	2.5	37.5	1400.00
Maple sp.	2.5	0.00	-100.00
Grape sp.	7.5	0.00	-100.00
Coral Berry	0.00	7.5	750.00
Blackberry	0.00	2.5	250.00
Greenbriar	0.00	2.5	250.00
McAdams LWR, No Name Overlook			
Dogwood sp.	7.5	0.00	-100.00
Sumac sp.	7.5	37.5	400.00
Eastern Red Bud	7.5	7.5	0.00
Oak sp.	2.5	7.5	200.00
Eastern Red Cedar	2.5	0.00	-100.00
Grape sp.	2.5	37.5	1400.00
McAdams LWR, Ash Tree Overlook			
tree of Heaven	7.5	7.5	0.00
Dogwood sp.	2.5	2.5	0.00
Persimmon	7.5	0.00	-100.00
Eastern Red Bud	7.5	17.5	133.33
Bush Honeysuckle	7.5	0.00	-100.00
Sumac sp.	0.00	37.5	3750.00
Grape sp.	0.00	17.5	1750.00
Upper Quatoga			
Other Trees	0.00	2.5	250.00
Dogwood sp.	37.5	7.5	-80.00
Sumac sp.	17.5	17.5	0.00
Lower Quatoga			
Bush Honeysuckle	7.5	0.00	-100.00
Oak sp.	17.5	7.5	-57.14
Eastern Redbud	7.5	2.5	-66.67
Bush Honeysuckle	50	7.5	-85.00
Autumn Olive	17.5	7.5	-57.14
Sumac sp.	17.5	17.5	0.00
Dogwood sp.	37.5	2.5	-93.33
Eastern Red Cedar	37.5	17.5	-53.33
Eastern Redbud	2.5	0.00	-100.00
Honey Locust	17.5	0.00	-100.00
Oak sp.	0.00	7.5	750.00
Osage Orange	0.00	2.5	250.00
Sweet Clover	0.00	2.5	250.00
Common Mullein	0.00	2.5	250.00

St Andrews Unit increase by ~20%. Twin Mounds is probably more brushy now than when the project started. Lower Twin Mounds Unit still contains 30-40% woody vegetation in core of the prairie. Goat Cliff Unit cleared the lower quality portions of the site. Twin Shelters Unit core has been cleared of any

woody vegetation. This unit was aided by a 2012 prescribed burn. MacAdams Peak (No Name Overlook) was burned in 2013. Sumac sprouts still nearly uniform throughout core. MacAdams Peak (Ash Tree) still contains 90% woody resprouts but was given low priority after initial work. Lower Quotoga was increased by 15-20% through the removal of woody vegetation. The removal has also lead to an influx of sweet clover and common mullein. Finally Upper Quotoga was enlarged by 10-20%. Site was burned in 2012 and still contains a bunch of sumac sprouts.

Principia Hill Prairies Jersey County



Units: 12

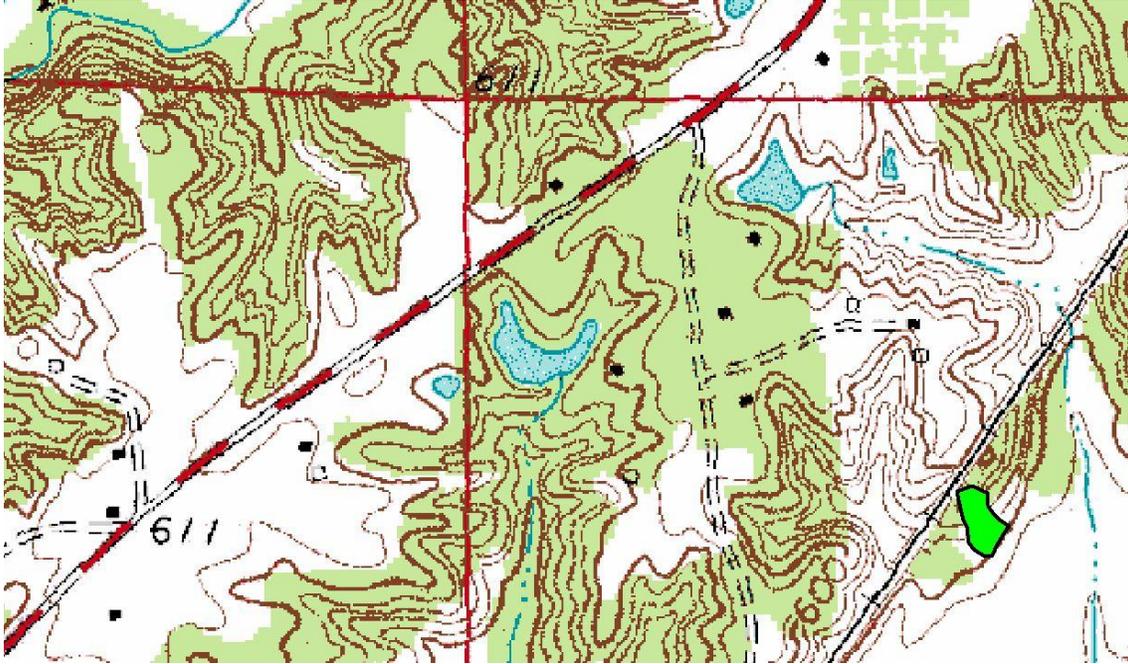
Contractual Dollars Spent: \$41,713.01

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
East NA-Campus Unit & Eilestoun			

West Unit

Bouillon Glacial Till Hill Prairie Macoupin County



Units: 1

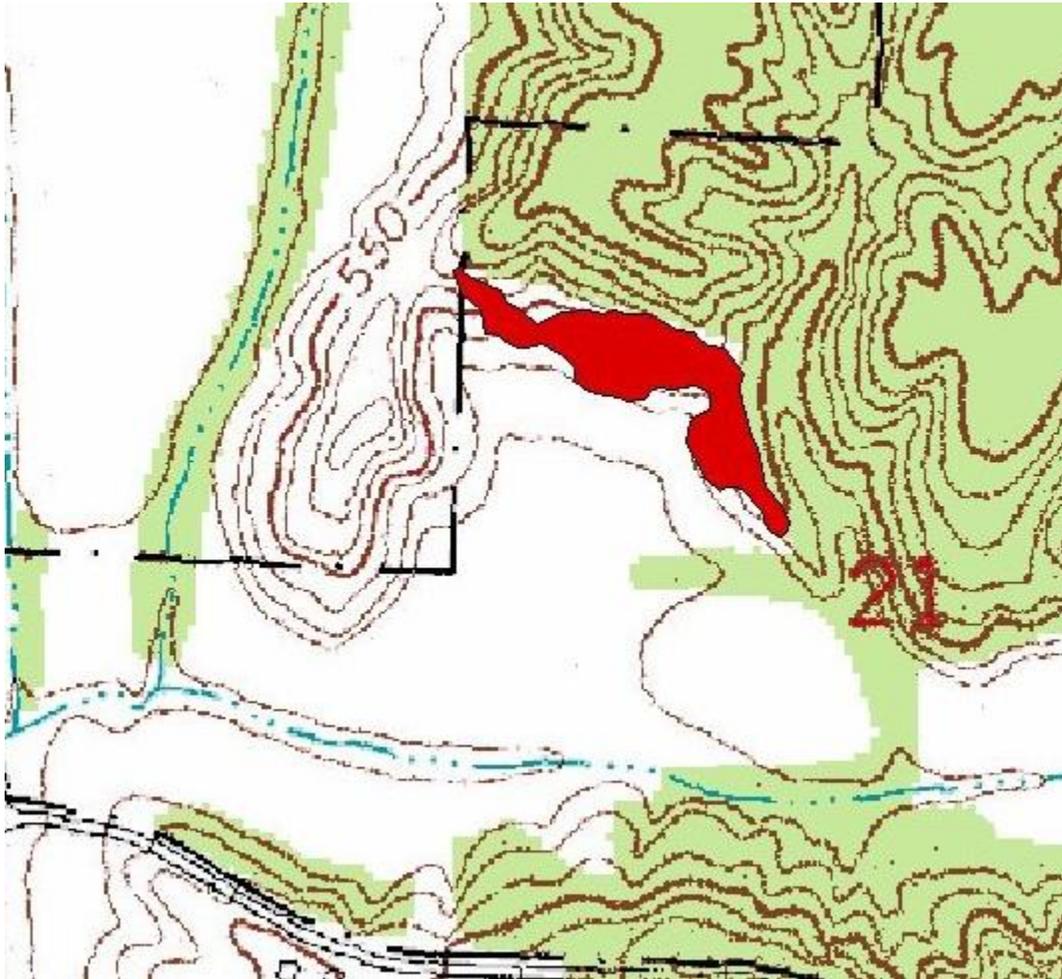
Contractual Dollars Spent: \$11,206.26

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit West			
Bush Honeysuckle	37.5	7.5	-80.00
Ash sp.	2.5	2.5	0.00
Eastern Redbud	7.5	0.00	-100.00
Elm sp.	2.5	0.00	-100.00
Oak sp.	7.5	0.00	-100.00
Sassafras	2.5	7.5	200.00
Persimmon	2.5	0.00	-100.00
Sweet Clover	0.00	7.5	
Central			
Bush Honeysuckle	37.5	N/A	N/A
Multiflora Rose	2.5	N/A	N/A
Eastern Red Cedar	37.5	N/A	N/A
Black Walnut	7.5	N/A	N/A
Osage Orange	17.5	N/A	N/A
Blackberry	7.5	N/A	N/A

Acreage increased by nearly 50%. A prescribed burn in 2012. Would qualify for the Illinois Natural Areas Inventory except the site does not meet the minimum acreage.

Glow Beaver Dam Glacial Drift Hill Prairie
Macoupin County



Units: 1

Contractual Dollars Spent: \$6,861.47

Management Accomplishments:

Species	Pre assessment % coverage	Post assessment % coverage	% Change
Unit			
Unit 5A and B			
autumn Olive	2.5	N/A	
Bush Honeysuckle	7.5	N/A	
Sassafras	7.5	N/A	
Blackberry	7.5	N/A	
Unit 4			

autumn Olive	7.5	0.00	-100.00
Bush Honeysuckle	7.5	0.00	-100.00
Shingle Oak	17.5	0.00	-100.00
Sassafras	2.5	7.5	200.00
Red Bud	2.5	2.5	0.00
Slippery elm	2.5	0.00	-100.00
Species	Pre assessment	Post assessment	%
Unit	% coverage	% coverage	Change
Northern Hackberry	2.5	0.00	-100.00
Black Cherry	2.5	0.00	-100.00
Rubus sp	7.5	2.5	-67.00
Dogwood sp.	0.00	17.5	1750.00
Aromatic Sumac	0.00	17.5	1750.00
Oak sp.	0.00	17.5	1750.00
Multiflora Rose	0.00	17.5	1750.00
Coral Berry	0.00	2.5	250.00

Site enlarged by 50% but core still covered with vegetation on over 40% of the site. Shrub zones being maintained for shrubland wildlife, south facing slope above prairie is “Best of its kind” woodland.

