DRAFT
Northeast Region Stream Accesses Greater than 40 Acres

Black Hawk Access
Callahan Mound Access
Cedar Bluff Access
Dodd Access
Dunn Ford Access
McPike Access
Mound View Access
Soulard Access
Sunnyside School Access
Sunrise Access
Tolona Access
White Oak Bend Access
Woodlawn Access

Ten-Year Area Management Plan

FY 2016-2025

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OVERVIEW

This plan covers 13 public stream accesses, greater than 40 acres, in the Northeast Region.

Area Name	Area Number	Year Acquired	Acres	County	Administrative Responsibility	Maintenance Responsibility
Black Hawk Access	8319	1983	137	Marion	Wildlife	Forestry
Callahan Mound Access	8327	1983	127	Marion	Forestry	Forestry
Cedar Bluff Access	8028	1980	40	Monroe	Wildlife	Wildlife
Dodd Access	8227	1982	40	Macon	Wildlife	Wildlife
Dunn Ford Access	8216	1982	136	Marion	Wildlife	Forestry
McPike Access	9520	1995	79	Marion	Wildlife	Forestry
Mound View Access	9523	1995	41	Shelby	Forestry	Forestry
Soulard Access	8312	1983	270	Marion	Forestry	Forestry
Sunnyside School Access	9518	1995	120	Lewis	Wildlife	Forestry
Sunrise Access	9223	1992	40	Marion	Forestry	Forestry
Tolona Access	9521	1995	176	Lewis	Wildlife	Forestry
White Oak Bend Access	9010	1990	160	Knox	Wildlife	Forestry
Woodlawn Access	8814	1988	65	Monroe	Wildlife	Wildlife

Statements of Purpose:

A. Strategic Direction

These stream accesses are managed to provide users safe and convenient access to streams for boat and/or bank anglers; encourage healthy populations of wildlife and aquatic species; demonstrate sound riparian and floodplain management practices; and provide compatible recreational opportunities.

B. Desired Future Condition

The desired future conditions are accesses that provide safe and convenient entrance to streams; a healthy forest and woodland community with interspersed open fields, comprised of agriculture, grassland and old fields; and high-quality riparian and floodplain areas.

C. Federal Aid Statement

N/A

GENERAL INFORMATION AND CONDITIONS

I. Special Considerations

Area Name	Priority Area	Natural Area
Black Hawk Access	South Fabius Fisheries Priority Watershed	None
Callahan Mound Access	None	None
Cedar Bluff Access	Natural Resources Conservation Service (NRCS) Mississippi River Basin Initiative Watershed	None
Dodd Access	None	None
Dunn Ford Access	South Fabius Fisheries Priority Watershed, South Fabius River Aquatic Conservation Opportunity Area	None
McPike Access	South Fabius Fisheries Priority Watershed	None
Mound View Access	NRCS Mississippi River Basin Initiative Watershed	None
Soulard Access	None	None
Sunnyside School Access	None	None
Sunrise Access	South Fabius Fisheries Priority Watershed	None
Tolona Access	None	None
White Oak Bend Access	South Fabius Fisheries Priority Watershed	None
Woodlawn Access	NRCS Mississippi River Basin Initiative Watershed	None

II. Important Natural Features and Resources

Area Name	Species of Conservation Concern	Caves	Springs
Black Hawk Access	Yes[1]	None	None
Callahan Mound Access	None	None	None
Cedar Bluff Access	None	None	None
Dodd Access	None	None	None
Dunn Ford Access	Yes[1]	None	None
McPike Access	None	None	None
Mound View Access	None	None	None
Soulard Access	None	None	None
Sunnyside School Access	Yes[1]	None	None
Sunrise Access	None	None	None
Tolona Access	None	None	None
White Oak Bend Access	None	None	None
Woodlawn Access	Yes[1]	None	None

[1]Species of conservation concern are known from this area. Area Managers should consult the Natural Heritage Database annually and review all management activities with the Natural History Biologist.

III. Existing Infrastructure

Area Name	Concrete Boat Ramps	Camping Pads	Parking Lots
Black Hawk Access	1	0	2
Callahan Mound Access	0	0	2
Cedar Bluff Access	0	0	1
Dodd Access	1	0	1
Dunn Ford Access	0	0	1
McPike Access	0	0	2
Mound View Access	0	0	0
Soulard Access	1	0	1
Sunnyside School Access	0	0	1
Sunrise Access	0	0	0
Tolona Access	1	2	2
White Oak Bend Access	0	0	1
Woodlawn Access	0	0	1

IV. Area Restrictions or Limitations

Area	Deed Restric-tions	Federal Interest	Ease-ments	Cultural Resources	Hazards or Hazardous Materials	Endangered Species	Boundary Issues
Black Hawk Access	None	Yes[1]	None	None	None	None	None
Callahan Mound Access	None	Yes[2]	None	Yes[3]	None	None	None
Cedar Bluff Access	None	Yes[2]	None	None	None	None	None
Dodd Access	None	Yes[1]	None	Yes[3]	None	None	None
Dunn Ford Access	None	Yes[2]	None	None	None	None	Yes[4]
McPike Access	None	Yes[2]	Power line	None	None	None	None
Mound View Access	None	Yes[2]	None	None	None	None	Yes[4]
Soulard Access	None	Yes[1]	None	None	None	None	Yes[4]
Sunnyside School Access	None	Yes[2]	None	None	None	None	None
Sunrise Access	None	Yes[2]	None	Yes[3]	None	None	None
Tolona Access	None	Yes[1]	None	None	None	None	None
White Oak Bend Access	None	Yes[2]	None	None	None	None	None
Woodlawn Access	None	Yes[2]	None	None	None	None	None

[1]Federal funds (Sport Fish Restoration) were used in the development of this area, or a portion thereof. The Missouri Department of Conservation (the Department) must maintain the developed project throughout its useful life. Federal funds may also be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.
[2]Federal funds may be used in the management of this land. Fish and wildlife agencies may not allow recreational activities and related facilities that would interfere with the purpose for which the State is managing the land. Other uses may be acceptable and must be assessed in each specific situation.
[3]Records kept with the Department Environmental Compliance Specialist. Managers should follow Best Management Practices for Cultural Resources found in the Department Resource Policy Manual.
[4]Establishing accurate and identifiable boundary markers is a priority for this property.

MANAGEMENT CONSIDERATIONS

V. <u>Terrestrial Resource Management Considerations</u>

Challenges and Opportunities:

1) Wooded riparian corridors provide many important functions along stream channels. One of the biggest challenges to providing safe and convenient stream access is maintaining the function of these wooded riparian corridors.
2) The open land on many of the accesses is comprised of grasslands, old fields, and agriculture fields. Several of the grassland and old-field habitats have been invaded by both sericea lespedeza and fescue, with autumn olive scattered throughout. One of the challenges associated with open land management will be control and overall reduction of invasive plants.
3) The accesses are popular destinations for deer and turkey hunters, as well as a few small game hunters. Management of open land should continue to provide food and cover for wildlife, in order to meet hunter expectations.

Management Objective 1: Establish or maintain a forested corridor free from invasive plants along all streams on the accesses.

Strategy 1: Conduct a forest inventory to determine management needs, the location and width of existing forested riparian corridors and priority locations for natural regeneration or planting. (Wildlife, Forestry)

Strategy 2: Maintain a forested corridor through natural regeneration or planting. In flood prone areas, a minimum 200-foot corridor should be maintained, where not limited by access boundary, access road, or parking lot. In upland bluff areas,

a minimum of 100 feet should be maintained, where not limited by area boundary, access road or parking lot. Where access roads or parking lots are in the stream corridor, they should be relocated outside of the corridor, if feasible. (Wildlife, Forestry)

Strategy 2: Inspect riparian corridors every three years to determine the need for adjustments.

Strategy 3: Reforest old fields and open lands as determined by the forest survey. (Wildlife, Forestry)

Strategy 4: Monitor and reduce or eradicate invasive plants where present. (Wildlife, Forestry)

Strategy 5: Follow the *Watershed and Stream Management Guidelines for Lands and Waters Managed by Missouri Department of Conservation* (Missouri Department of Conservation, 2009) for all management activities. (Wildlife, Forestry)

Management Objective 2: Maintain open land acres in a productive state for wildlife, and reduce or eradicate invasive species.

Strategy 1: Cash rent current row crop acres annually, with 10 percent of the corn and up to 20 percent of the wheat left as food for wildlife. See appendices for each access. (Wildlife)

Strategy 2: Monitor and reduce or eradicate invasive plants where present. (Wildlife, Forestry)

Management Objective 3: Manage open land habitat to enhance deer, turkey, and small game populations; and provide for and meet hunter expectations.

Strategy 1: Plant sunflowers at certain accesses (e.g., Tolona, White Oak Bend, and McPike accesses), when conditions are favorable to provide habitat and hunting opportunity for doves. (Wildlife, Forestry)

Strategy 2: Provide food plots as needed. (Wildlife, Forestry)

Strategy 3: Enhance edge habitat through a variety of treatments and techniques. (Wildlife, Forestry)

Strategy 4: Promote and enhance native grass and forb stands. (Wildlife, Forestry)

VI. <u>Aquatic Resource Management Considerations</u>

Challenges and Opportunities:

Concrete boat ramps on streams can alter flow direction and increase stream bank erosion rates.

Management Objective 4: Ensure boat ramps are not causing excessive stream bank erosion (greater than 1 foot per year).

Strategy 1: Monitor stream banks adjacent to boat ramps to ensure erosion rates are acceptable (less than 1 foot per year). (Wildlife, Forestry)

VII. Public Use Management Considerations

Challenges and Opportunities:

1) To ensure accesses are inviting to the public, these accesses are maintained by mowing and litter removal on a routine basis.
2) Unauthorized uses often occur on the accesses. Unauthorized all-terrain vehicle use and littering are the biggest enforcement challenges on these accesses.

Management Objective 5: Provide accesses that are safe and attractive to the public.

Strategy 1: Ensure accesses are mowed and litter is removed according to Department maintenance standards. (Wildlife, Forestry)

Management Objective 6: Inform public about area regulations.

Strategy 1: Maintain signs according to Department policy. (Wildlife, Forestry)
Strategy 2: Conduct routine patrols to maintain acceptable area use. (Protection)
Strategy 3: Maintain accurate and timely information on the Department's Atlas Database. Review information annually. (Wildlife, Forestry)

VIII. Administrative Considerations

Challenges and Opportunities:

1) There may be opportunities to expand the boundaries of some accesses to provide additional recreational opportunity and resource conservation.
2) There may be opportunities to improve user access at Sunnyside School Access and Mound View Access. Currently, there is no infrastructure at Mound View Access and there is one parking lot at Sunnyside School Access. A concrete boat ramp would allow area users easier access to the stream and would facilitate a quality day-float down to the boat ramp on the Mississippi River at LaGrange.
3) Sunrise Access lies within a very unstable reach of the South Fabius River. This instability has precluded any infrastructure development. After flooding in 2008, streambank erosion threatened the county road running through the access. The Marion County Highway Department moved the road away from the river and the old roadbed reverted to the Department. This reach of river will likely remain

unstable for many years to come, which eliminates any option of constructing infrastructure on this access.

Management Objective 7: Explore options to increase user access at Sunnyside School Access and Mound View Access.

Strategy 1: Determine the feasibility of constructing a boat ramp at Sunnyside School Access. If construction is feasible, request construction funds through the budget process.

Strategy 2: Determine the feasibility of constructing a parking lot at Mound View Access. If construction is feasible, request construction funds through the budget process.

Lands Proposed for Acquisition:

When available, adjacent land may be considered for acquisition from willing sellers. Tracts that improve access, provide public use opportunities, contain unique natural communities and/or species of conservation concern, or meet other Department priorities, as identified in the annual Department land acquisition priorities, may be considered.

MANAGEMENT TIMETABLE

Strategies are considered ongoing unless listed in the following table:

	FY16	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**FY25**
Terrestrial Resource Management										
Objective 1										
Strategy 3	X			X			X			X
Administrative Considerations										
Objective 7										
Strategy 1		X								
Strategy 2		X								

APPENDICES

References:

Missouri Department of Conservation. (2009). *Watershed and stream management guidelines for lands and waters managed by Missouri Department of Conservation.* Jefferson City, Missouri: Missouri Department of Conservation.

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Appendix 2. Black Hawk Access Area Background
Appendix 3. Black Hawk Access Area Map
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Appendix 5. Callahan Mound Access Area Background
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Appendix 8. Cedar Bluff Access Area Background
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Appendix 29. Sunrise Access Area Background
Appendix 30. Sunrise Access Area Map
Appendix 31. Sunrise Access Cover Type Map
Appendix 32. Tolona Access Area Background

Appendix 33. Tolona Access Area Map
Appendix 34. Tolona Access Cover Type Map
Appendix 35. White Oak Bend Access Area Background
Appendix 36. White Oak Bend Access Area Map
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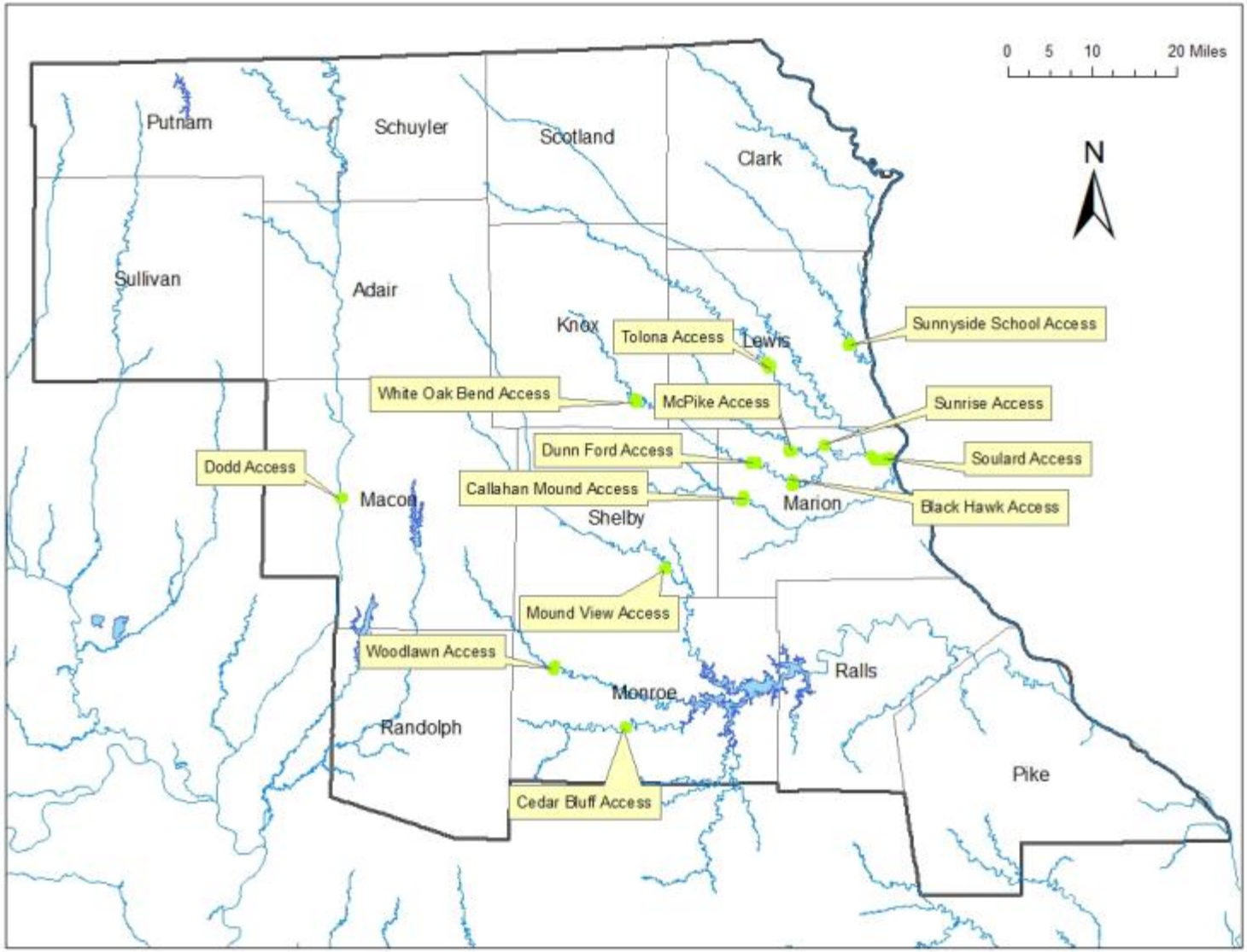
Appendix 38. Woodlawn Access Area Background
Appendix 39. Woodlawn Access Area Map
Appendix 40. Woodlawn Access Cover Type Map

Appendix 1. Northeast Region Stream Accesses Map



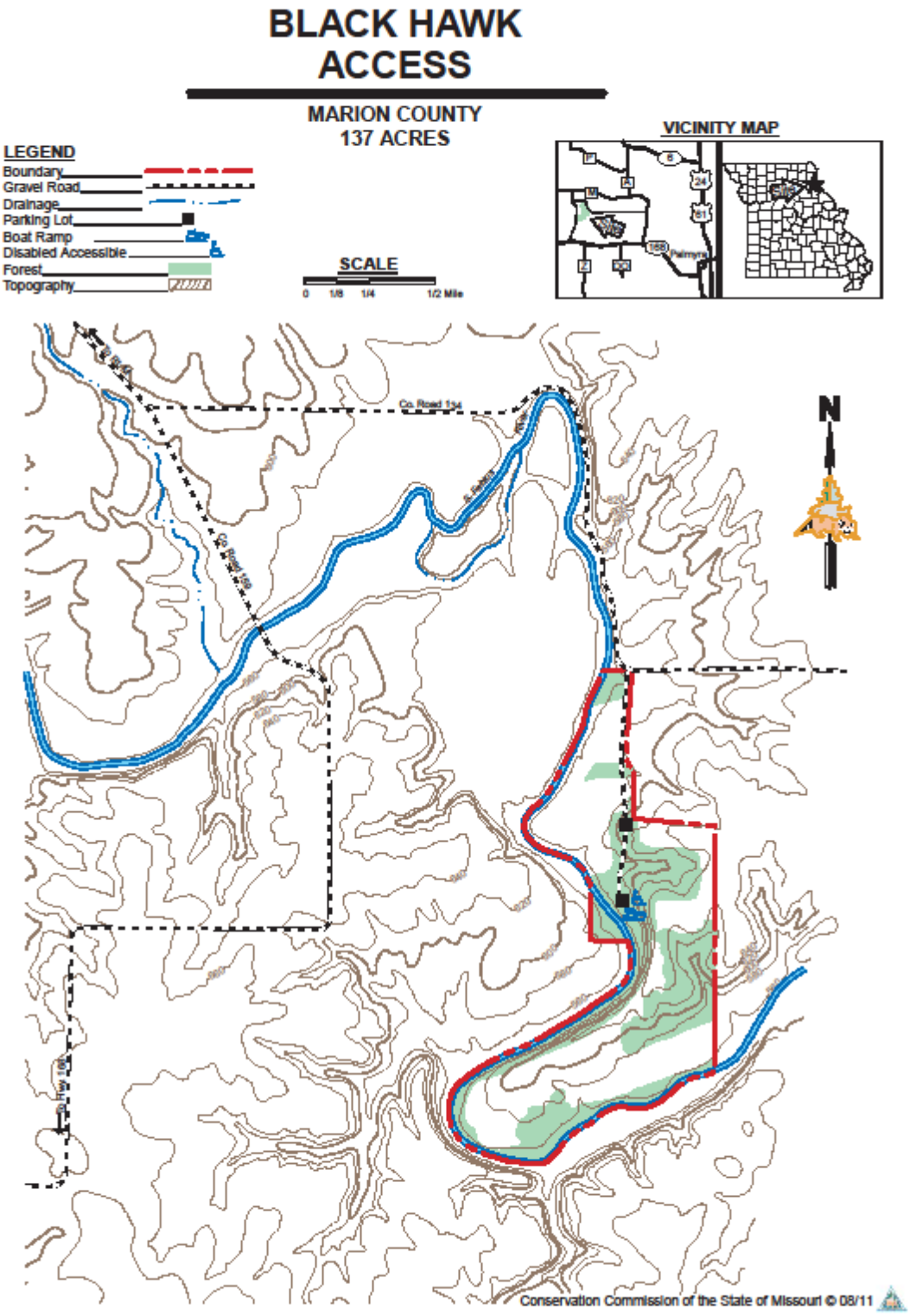
Appendix 2. Black Hawk Access Area Background

The access is about 10 miles downstream from Dunn Ford Access and provides a convenient destination for a day float. The Department purchased land for this access in 1984. The 137-acre access includes about 75 acres of riparian and upland timber and 62 acres of mostly open crop fields and old-field habitat. The South Fabius River forms the west and south boundaries of the access.

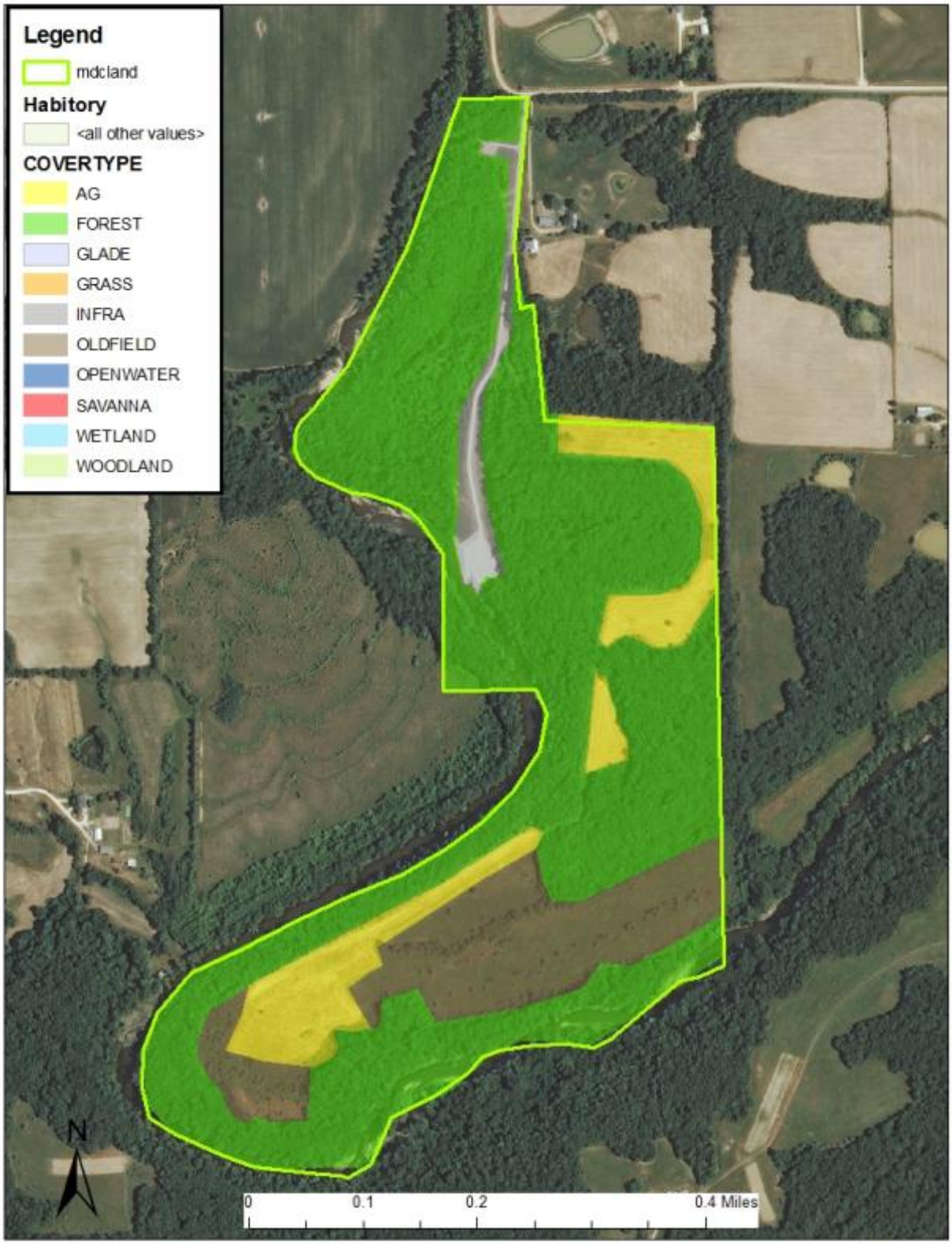
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest and Woodland	75		55
Old Field	46		34
Cropland/Food Plot	16		11
Total	**137**		**100**
Stream Frontage		9,400	

Appendix 3. Black Hawk Access Area Map



Appendix 4. Black Hawk Access Cover Type Map



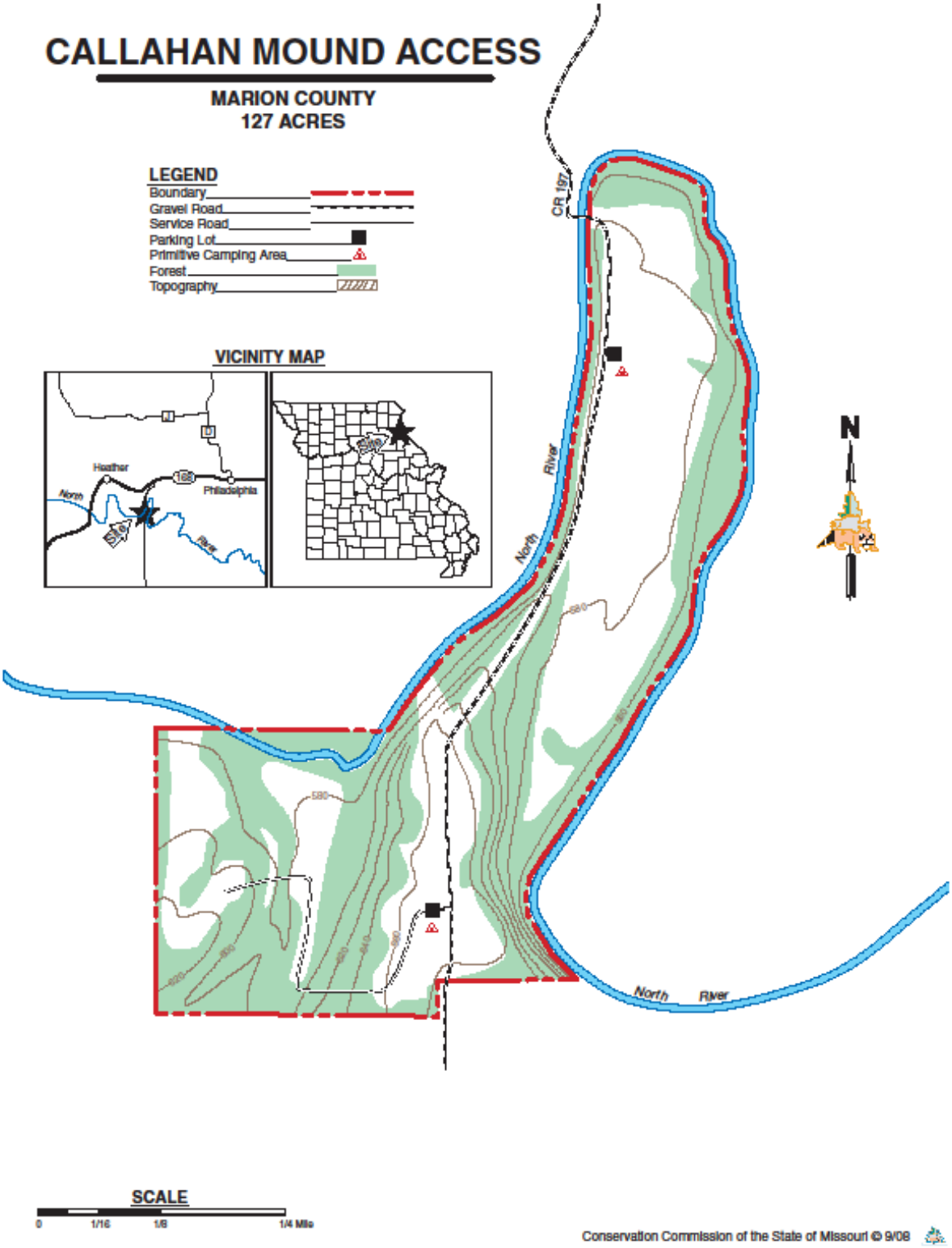
Appendix 5. Callahan Mound Access Area Background

Callahan Mound Access is a 127-acre access located in central Marion County, 2.5 miles west of Philadelphia. The access provides public access along the North River, which flows along the boundary. This access has diverse habitats that provide a variety of hunting, fishing and recreational opportunities.

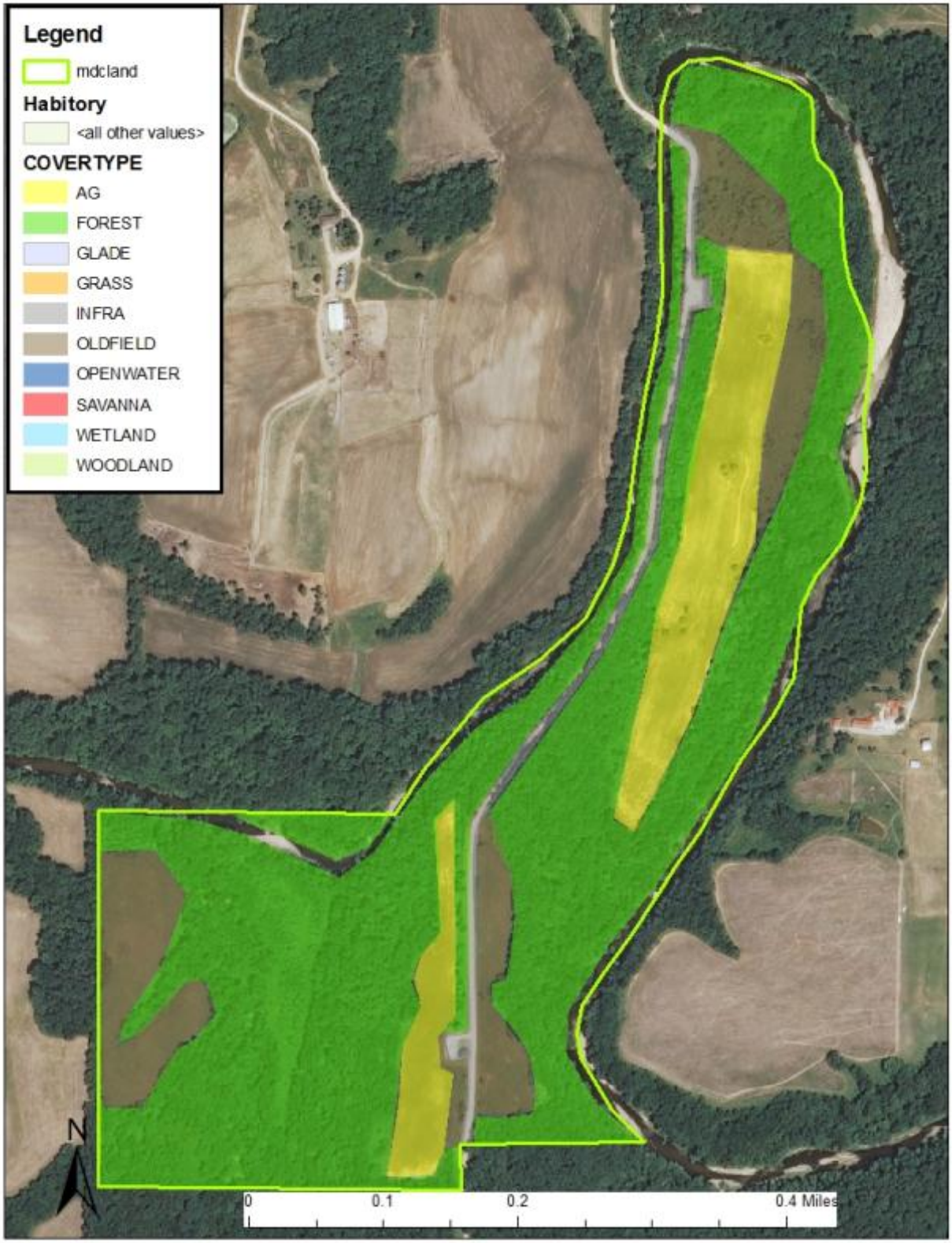
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest	80		63
Old Field	22.5		17
Cropland/Food Plot	18.5		15
Grass Fields	6		5
Total	**127**		**100**
Stream Frontage		9,345	

Appendix 6. Callahan Mound Access Area Map



Appendix 7. Callahan Mound Access Cover Type Map



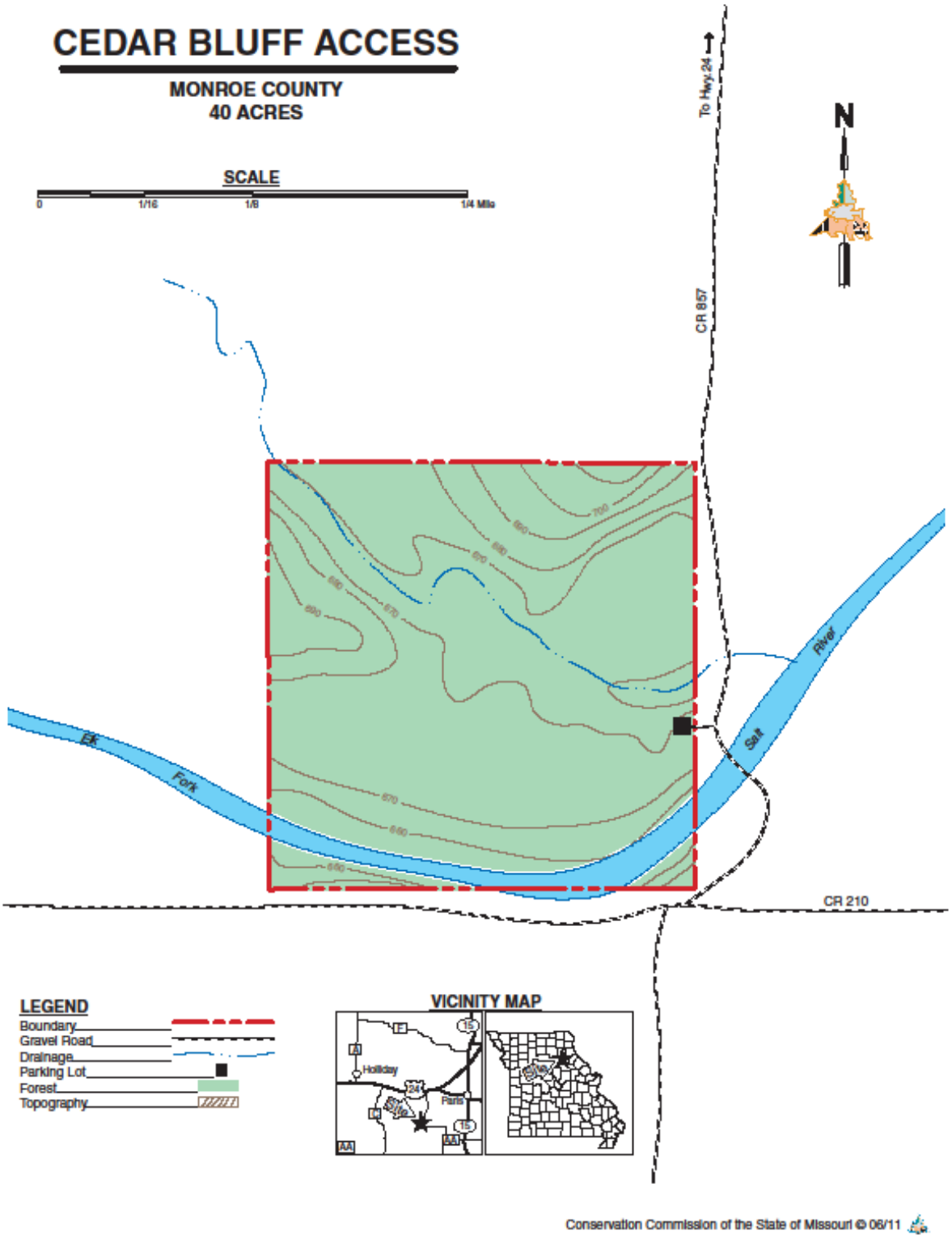
Appendix 8. Cedar Bluff Access Area Background

This access is located southwest of Paris on County Road 857. This forested access offers access to the Elk Fork of the Salt River.

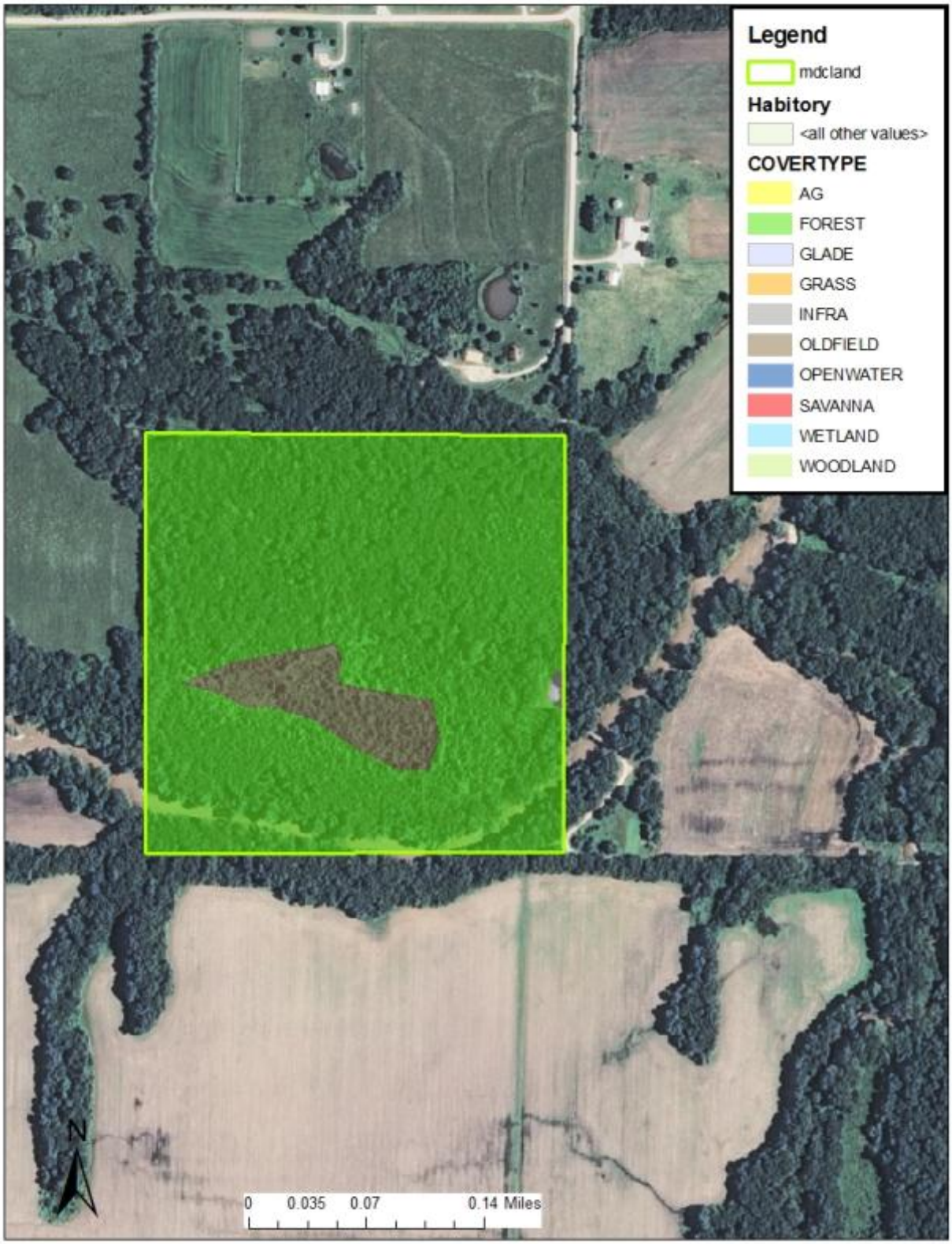
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest and Woodland	39		97
Old Field	1		3
Total	**40**		**100**
Stream Frontage		1,320	

Appendix 9. Cedar Bluff Access Area Map



Appendix 10. Cedar Bluff Cover Type Map



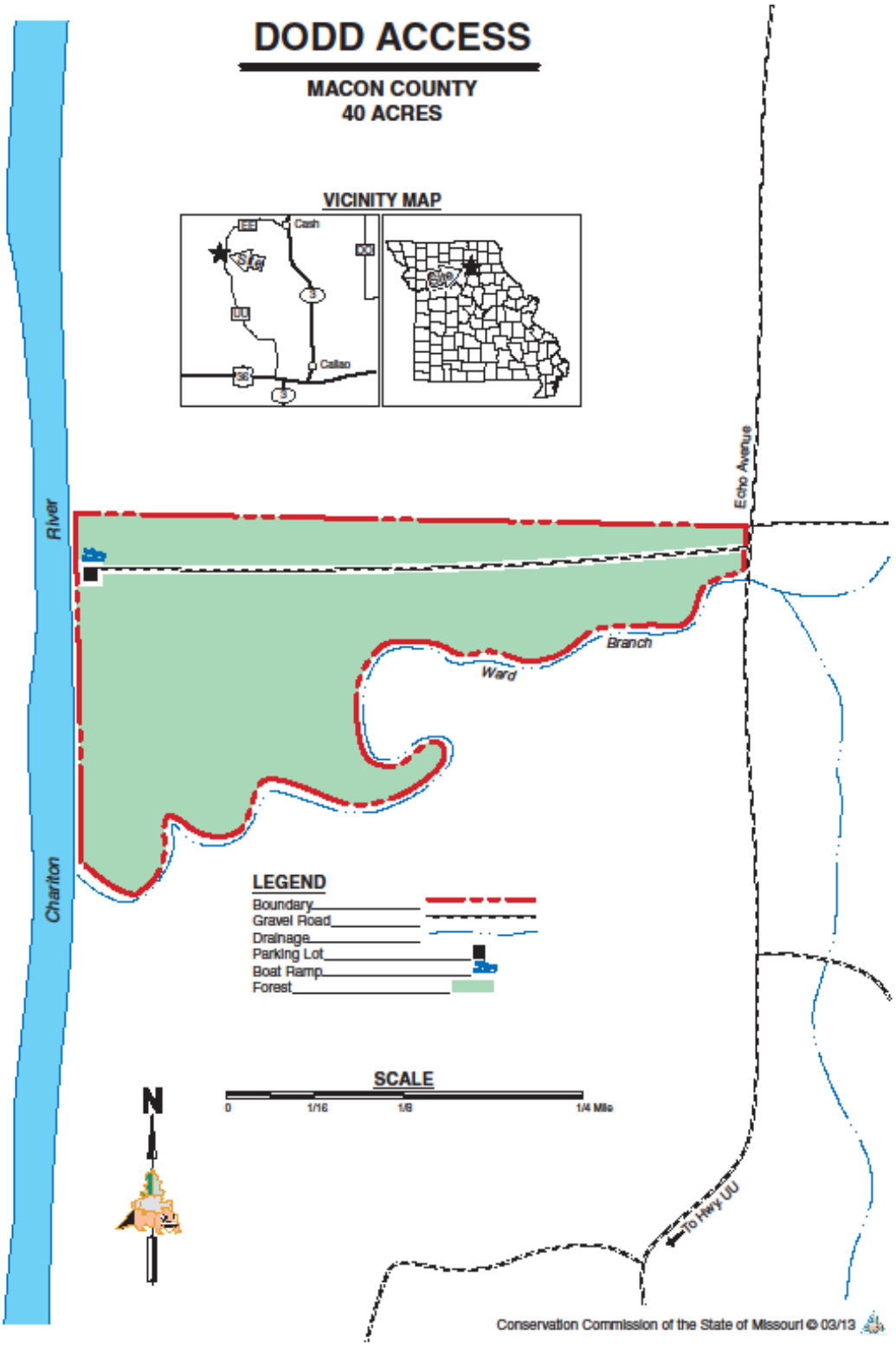
Appendix 11. Dodd Access Area Background

Dodd Access is located in Macon County, northwest of the town of Callao. It provides access to the Chariton River.

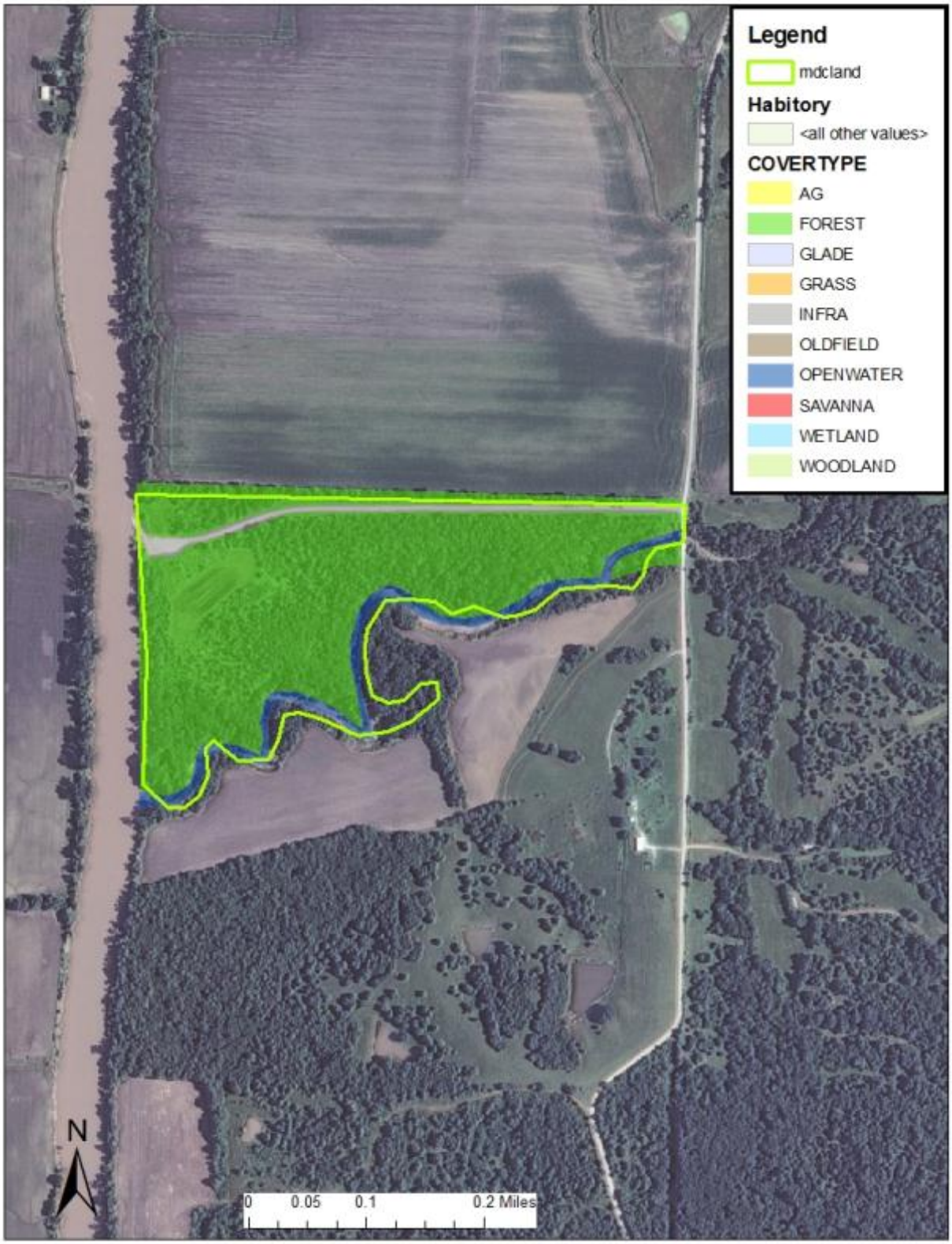
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Woodland	36		90
Old Field	4		10
Total	**40**		**100**
Stream Frontage		1,320	

Appendix 12. Dodd Access Area Map



Appendix 13. Dodd Access Cover Type Map



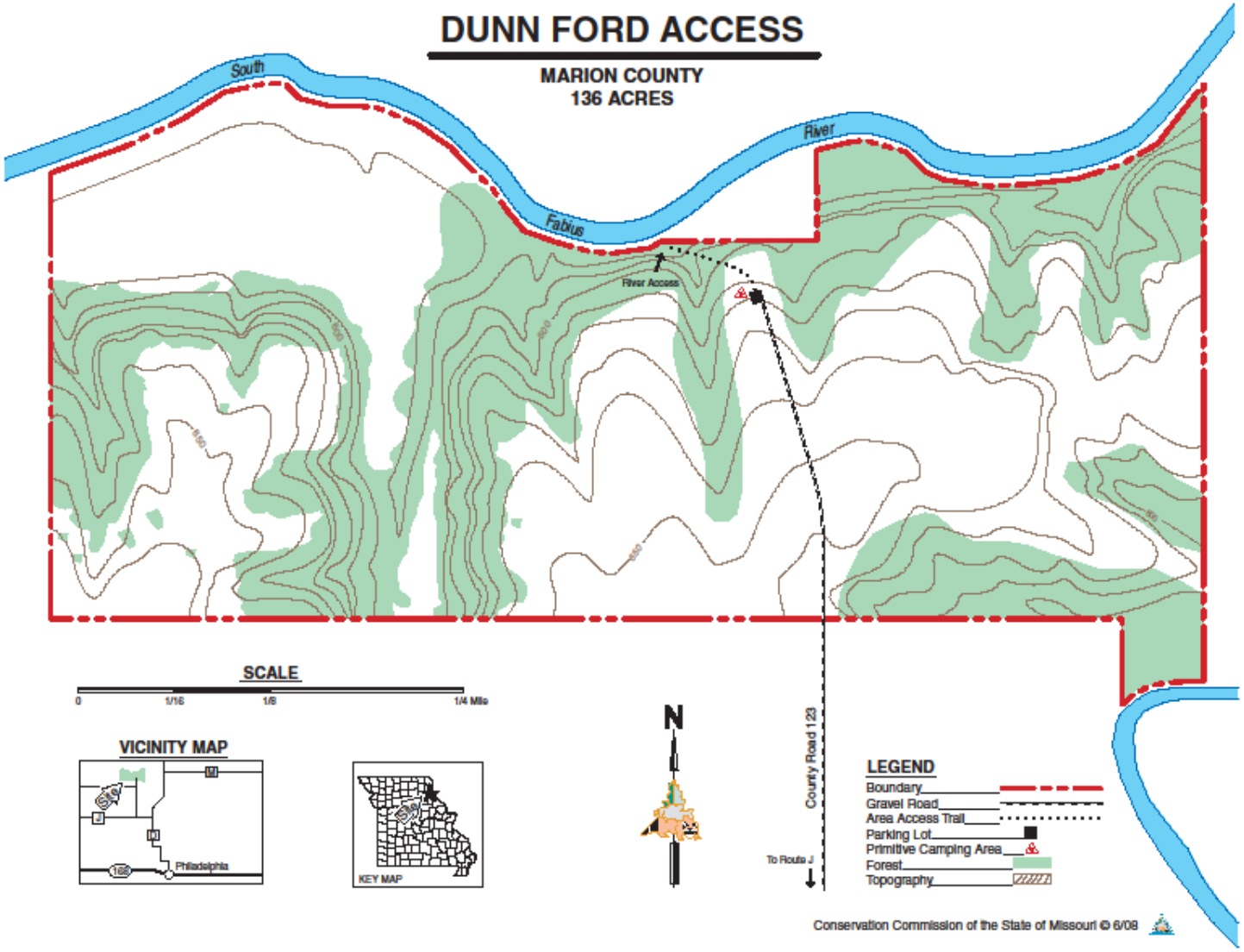
Appendix 14. Dunn Ford Access Area Background

The Department purchased land for the Dunn Ford Access in 1982 to provide additional public access to South Fabius River. The 136-acre access is mostly open fields with timber along the river and on upland hill slopes. Access to the river is by a short footpath off the access's parking lot. The South Fabius River extends 0.76 miles along the north boundary of the access. This small river has several pools and riffles and numerous root wads that provide good fish habitat. This portion of the river is suitable for bank fishing, wading and floating. The closest downstream access for canoeists is Black Hawk Access; it is 10 river miles downstream and a long day's float.

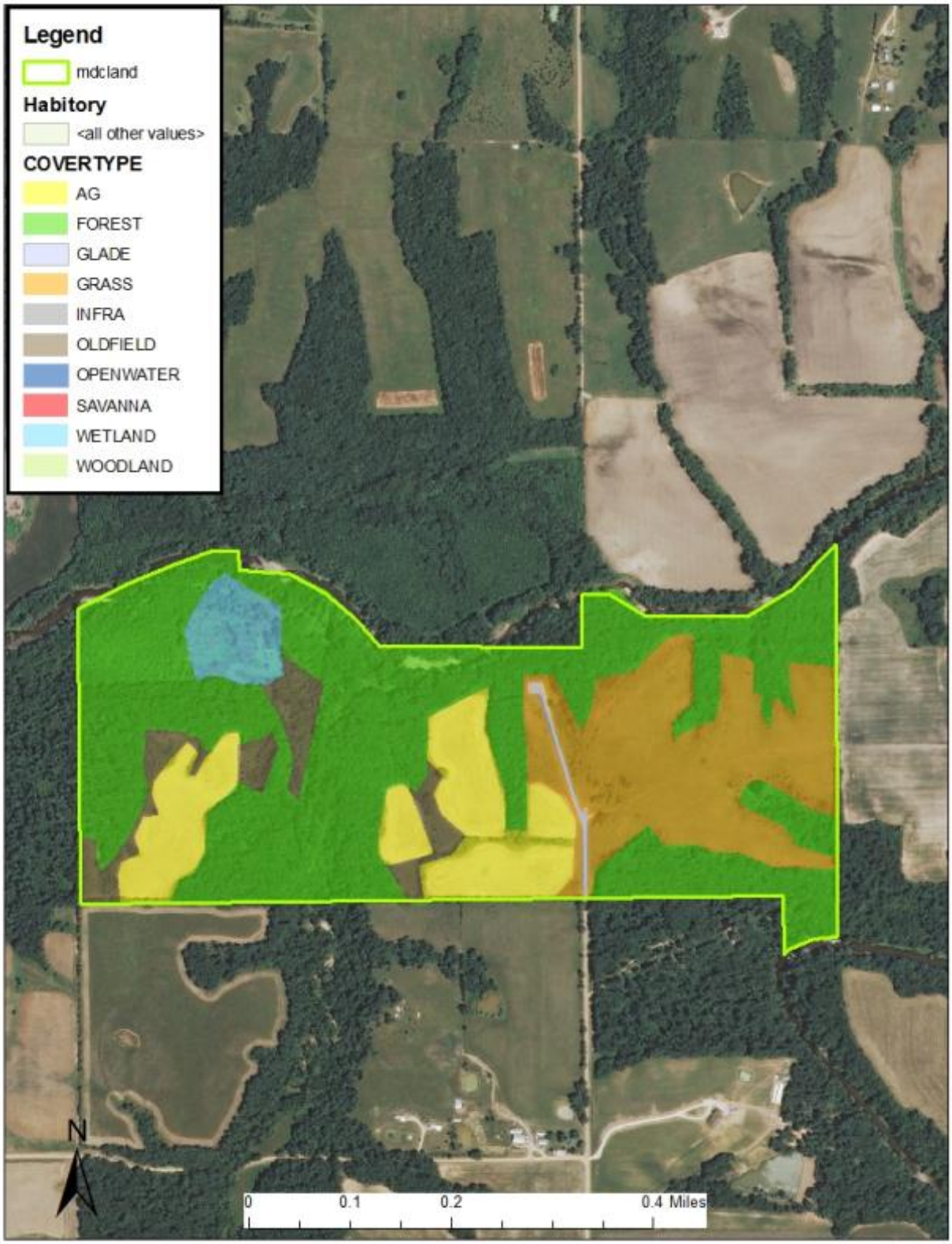
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest and Woodland	65		48
Old Field	53		39
Cropland/Food Plot	18		13
Total	**136**		**100**
Stream Frontage		4,010	

Appendix 15. Dunn Ford Access Area Map



Appendix 16. Dunn Ford Access Cover Type Map



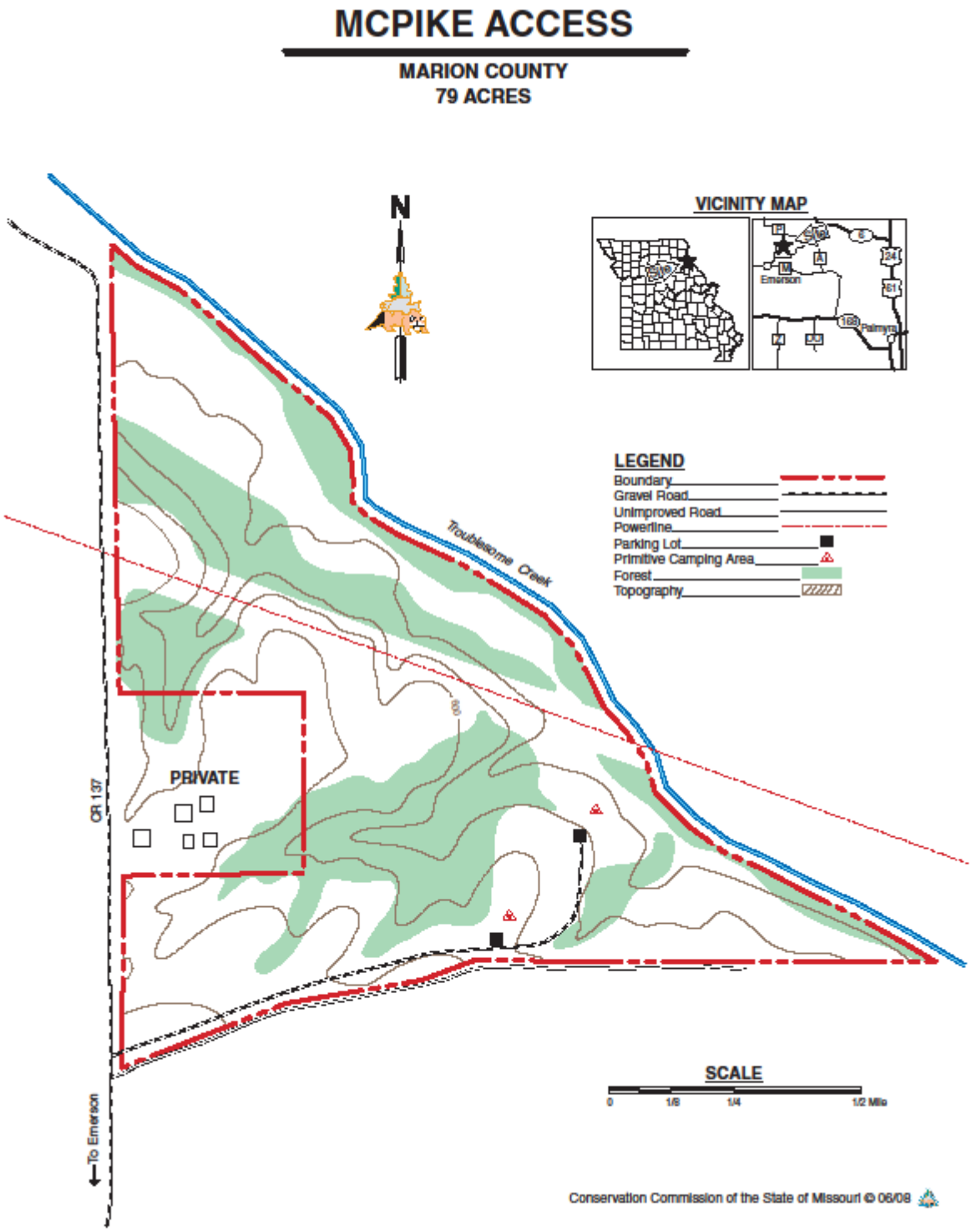
Appendix 17. McPike Access Area Background

The 79-acre McPike Access was purchased for use as a public fishing access in November 1994. This access provides good bank- and wade-fishing opportunities. McPike Access is named for the McPike family, who were among the first settlers in the access area. Members of this respected family were leaders in the community and included farmers, doctors, lawyers, judges and legislators. The McPike family played a major role in the development of the local community and Marion County. Troublesome Creek is classified as a high-quality prairie headwater stream and is one of the best examples of this stream type remaining in northern Missouri. McPike Access is the only Department access on this unique stream.

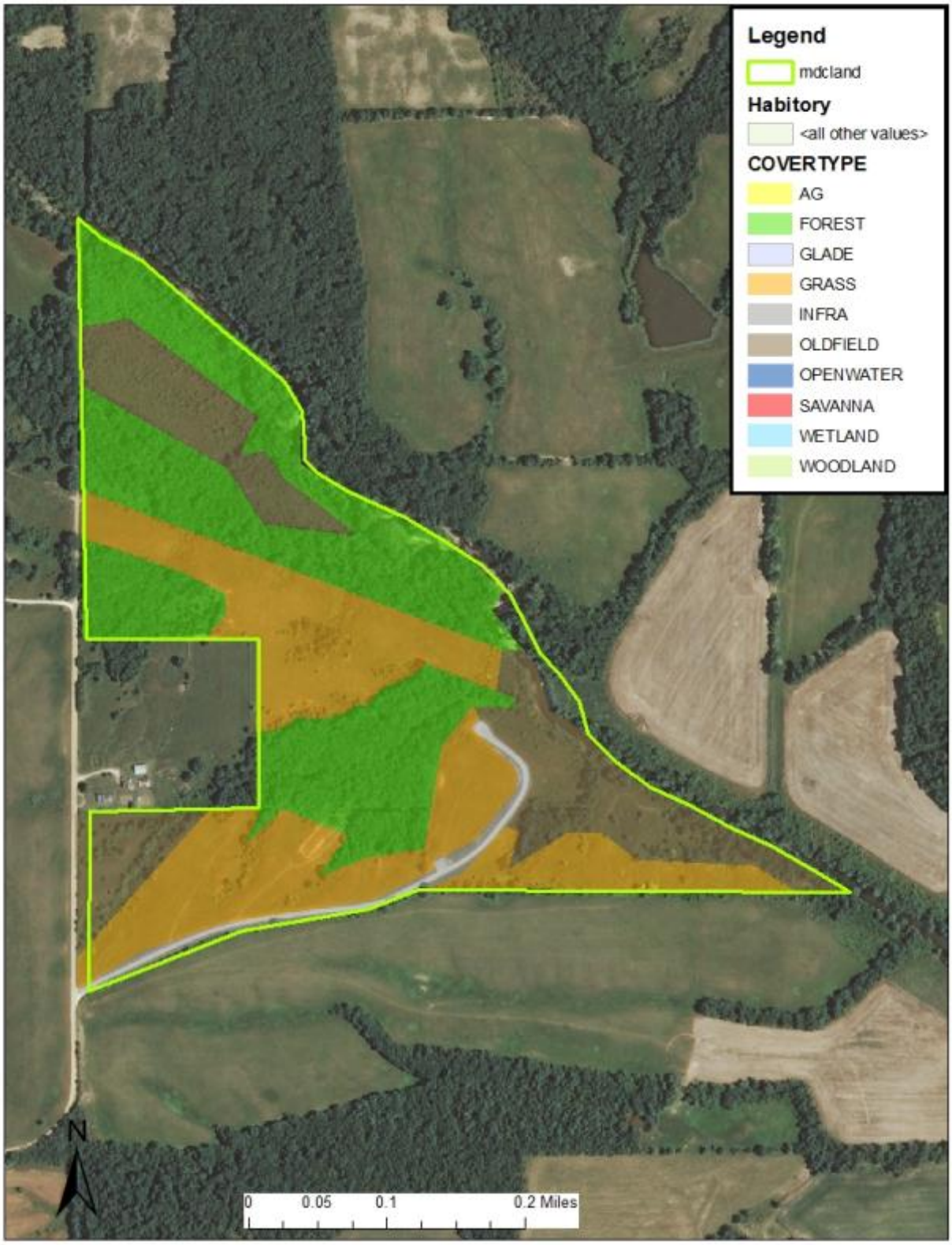
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest and Woodland	39		50
Old Field	20		25
Grassland	20		25
Totals	**79**		**100**
Stream Frontage		3,900	

Appendix 18. McPike Access Area Map



Appendix 19. McPike Access Cover Type Map



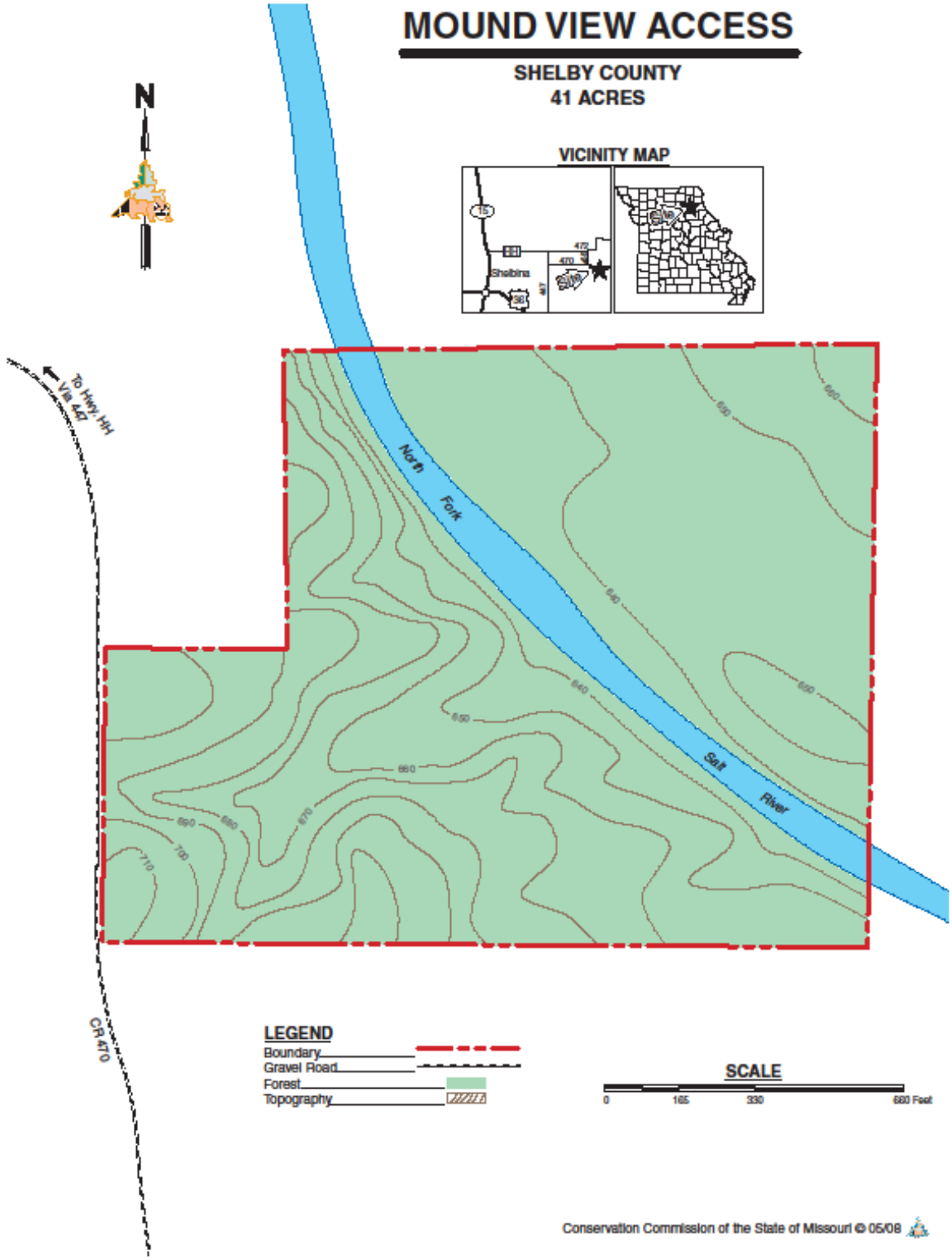
Appendix 20. Mound View Access Area Background

Mound View Access provides bank fishing and river access. The North Fork Salt River is known for seasonal runs of walleye, white bass and crappie upstream from Mark Twain Reservoir. The access provides the opportunity for wildlife viewing, mushroom hunting and other compatible activities.

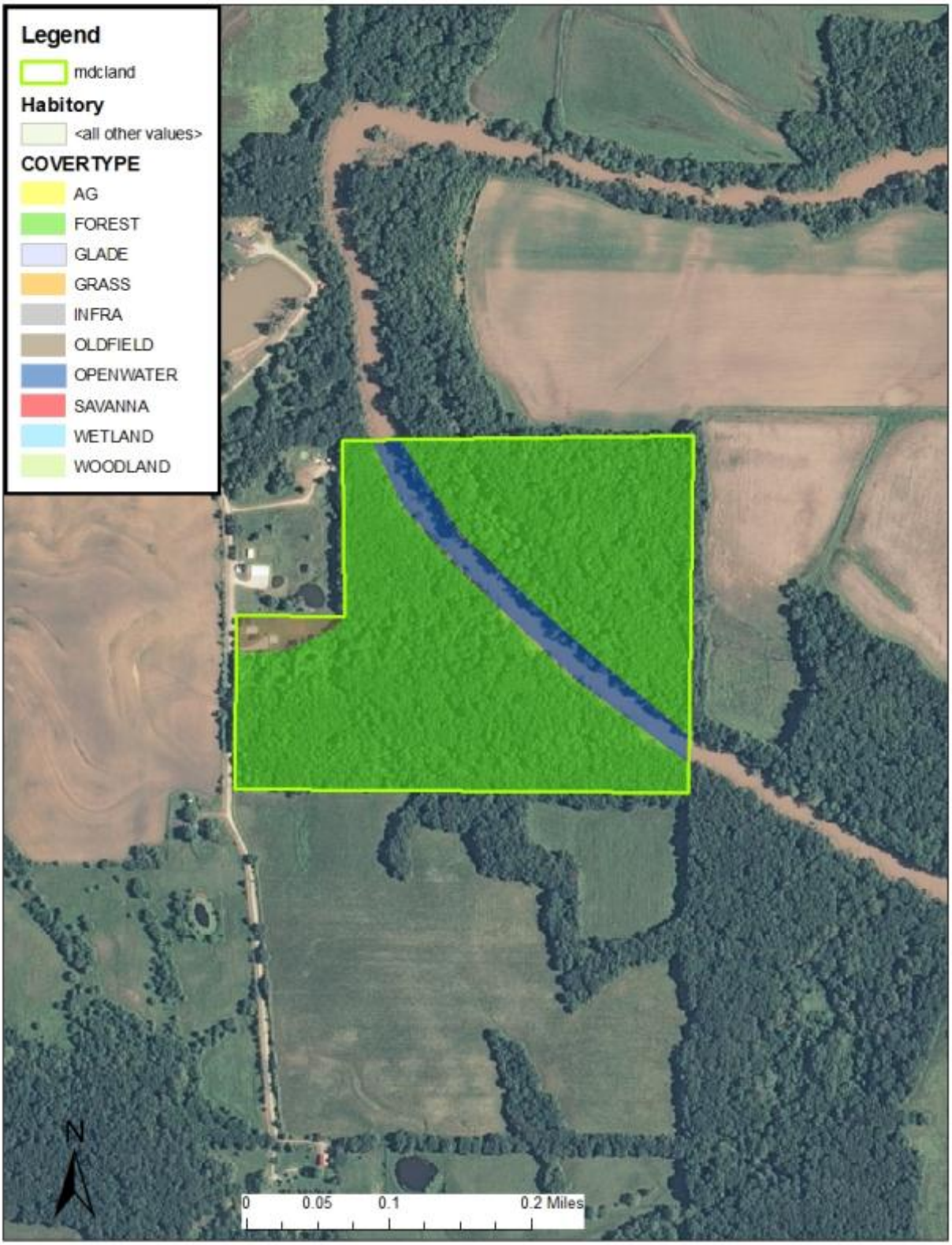
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest	30		73
Old Field	11		27
Totals	**41**		**100**
Stream Frontage		1,600	

Appendix 21. Mound View Access Area Map



Appendix 22. Mound View Access Cover Type Map



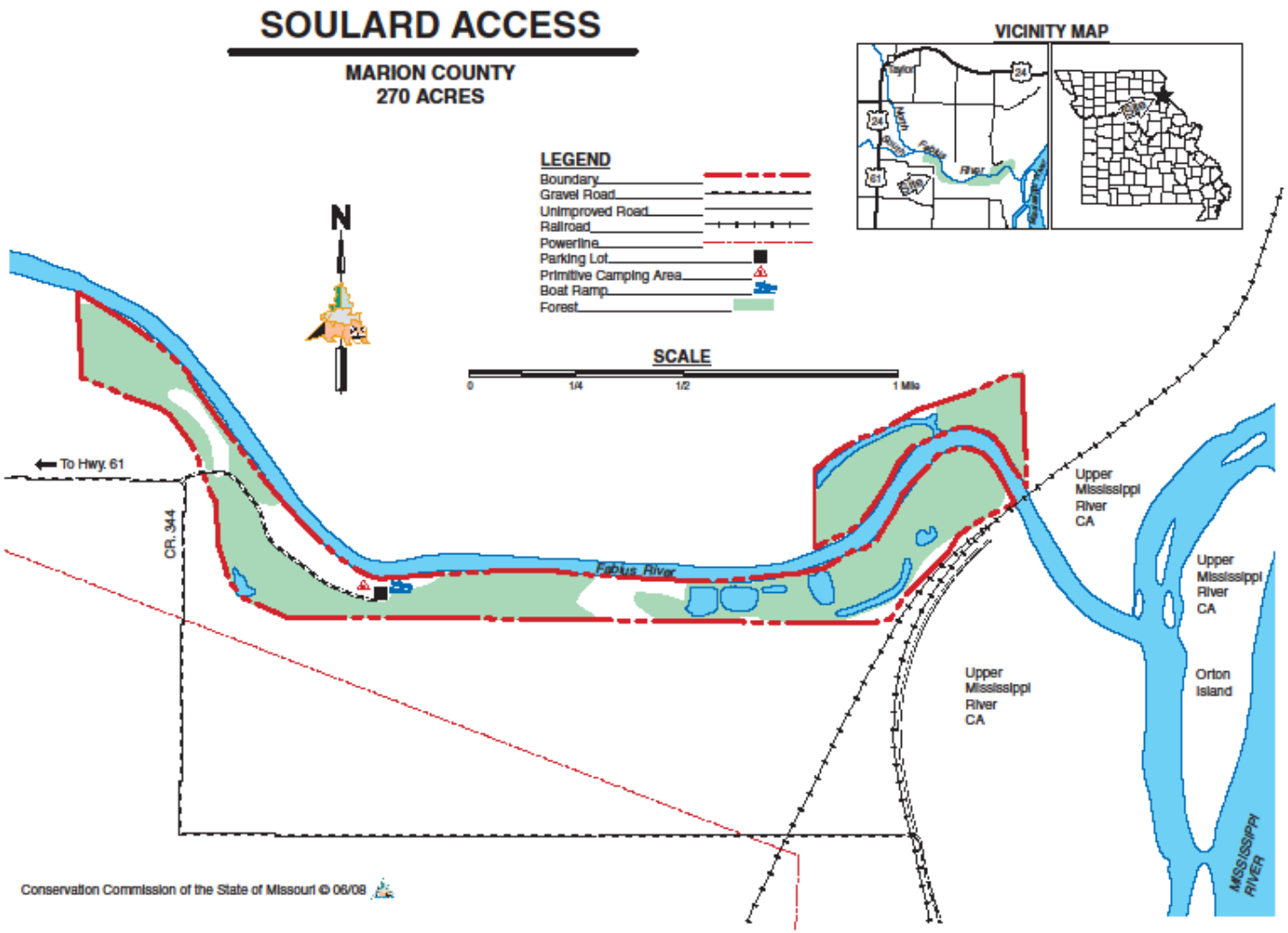
Appendix 23. Soulard Access Area Background

Soulard Access was named after the Spanish surveyor, Don Antonio Soulard, who traveled up the Mississippi River in 1800. Soulard was credited for naming the Fabius River, which flows through the access. Soulard Access provides a forested buffer along a 2.7-mile segment of the Fabius River, just before if flows into the Mississippi River. The bottomland hardwood forest helps stabilize and protect the stream. In 1991 and 1992, the Department improved a 600-foot project area known as the Soulard Access Stream Demonstration Area. The project was successful at stabilizing the bank, improving aquatic habitat diversity, and allowing for natural vegetation of flood tolerant trees where there was once bare soil.

Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest	270		100
Stream Frontage		14,250	

Appendix 24. Soulard Access Area Map



Appendix 25. Soulard Access Cover Type Map

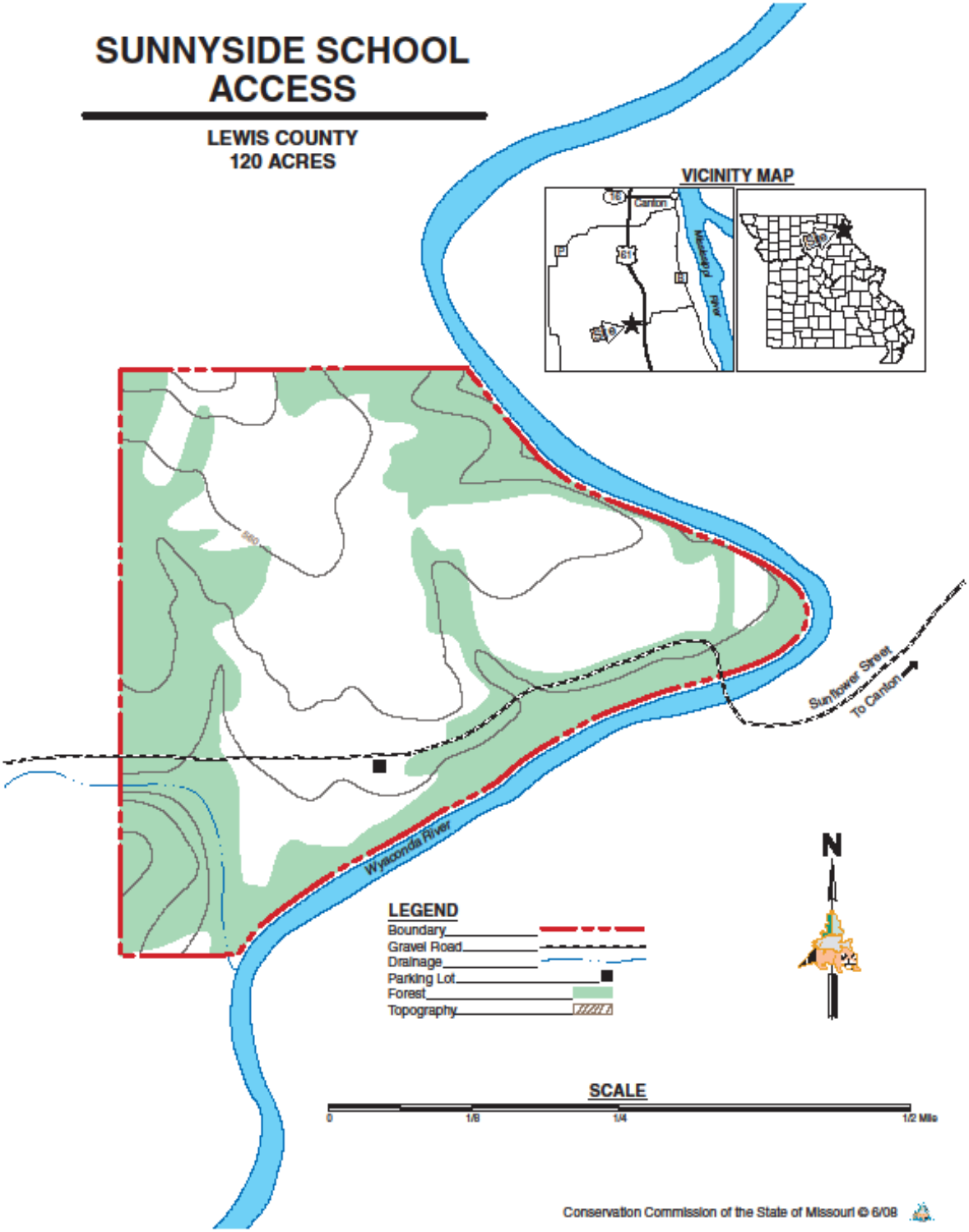
Appendix 26. Sunnyside School Access Area Background

This 120-acre access is located in Lewis County along the Wyaconda River. The majority of the access is open land with only 25 percent of the access covered with timber. Management practices used on the access include burning and cropping.

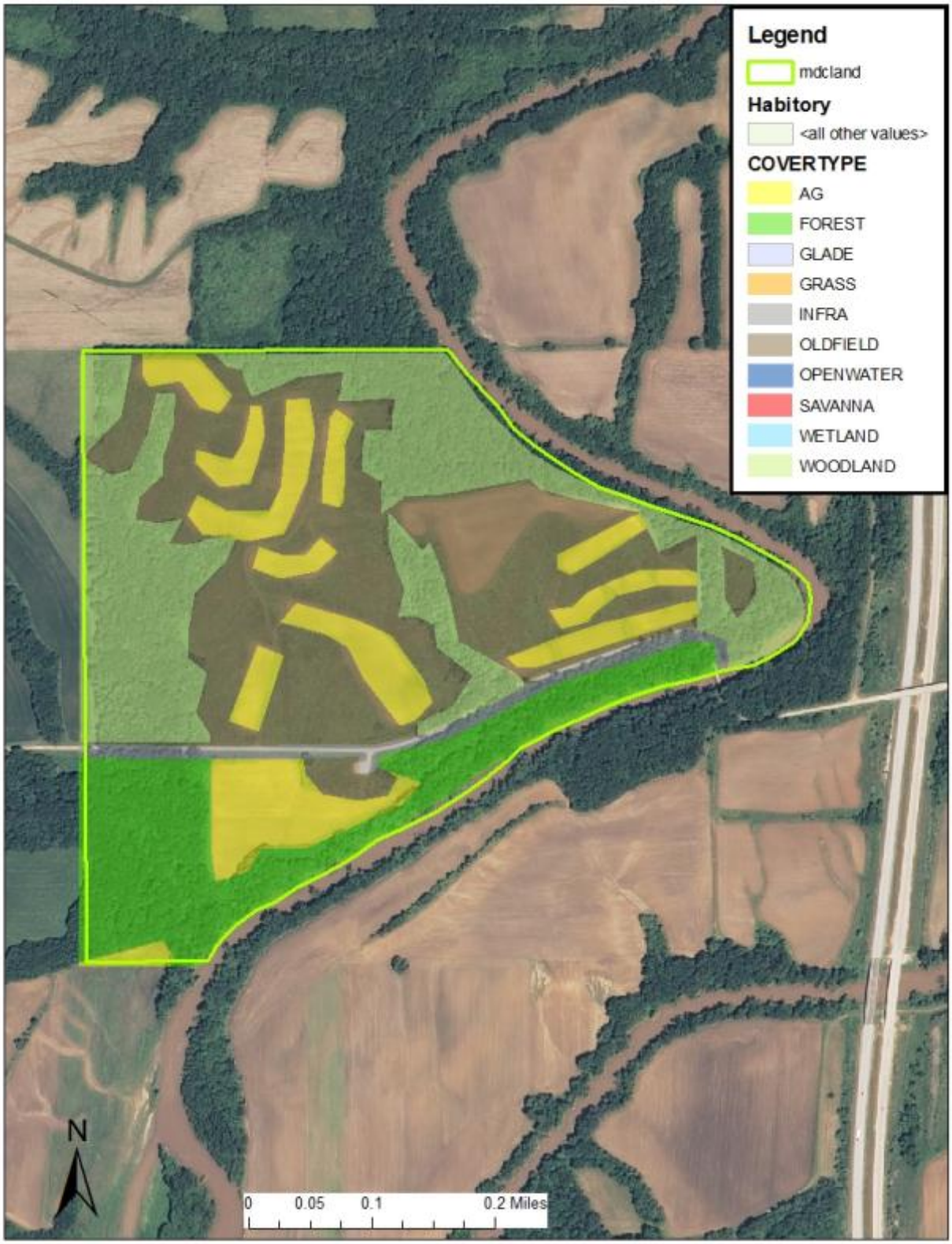
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Grassland/Old field	65		54
Forest	30		25
Cropland/Food Plot	25		21
Totals	**120**		**100**
Stream Frontage		5,016	

Appendix 27. Sunnyside School Access Area Map



Appendix 28. Sunnyside School Access Cover Type Map



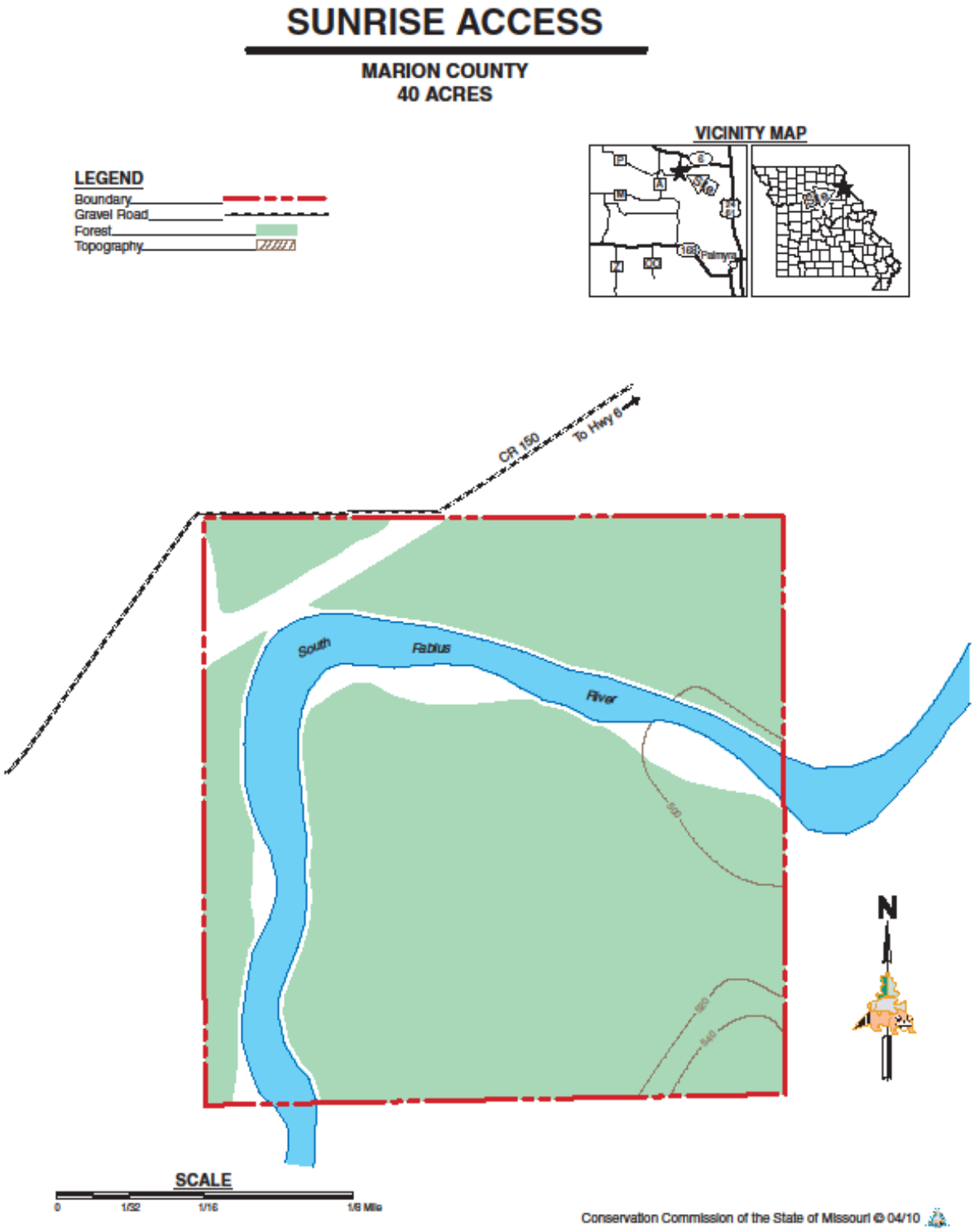
Appendix 29. Sunrise Access Area Background

Sunrise Access is located 9 miles northwest of Palmyra, just off County Road 150 in Marion County. Sunrise Access was named after the Sunrise Cemetery that is located nearby. The South Fabius River flows through the middle of this 40-acre access. The majority of the access cannot be accessed for hunting without wading or using a boat to cross the South Fabius River. This access provides an opportunity for bank fishing.

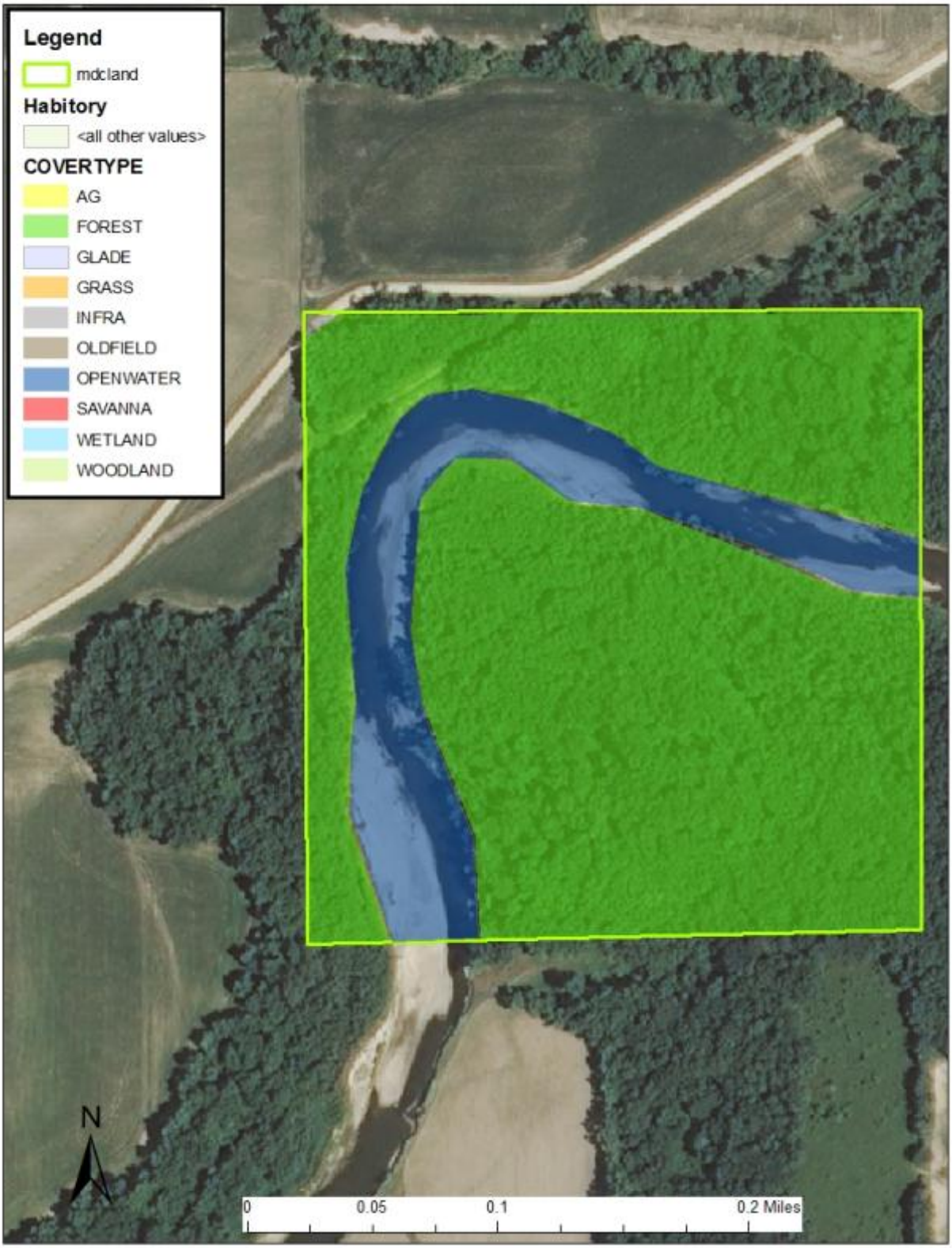
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest	40		100
Stream Frontage		2,165	

Appendix 30. Sunrise Access Area Map



Appendix 31. Sunrise Access Cover Type Map



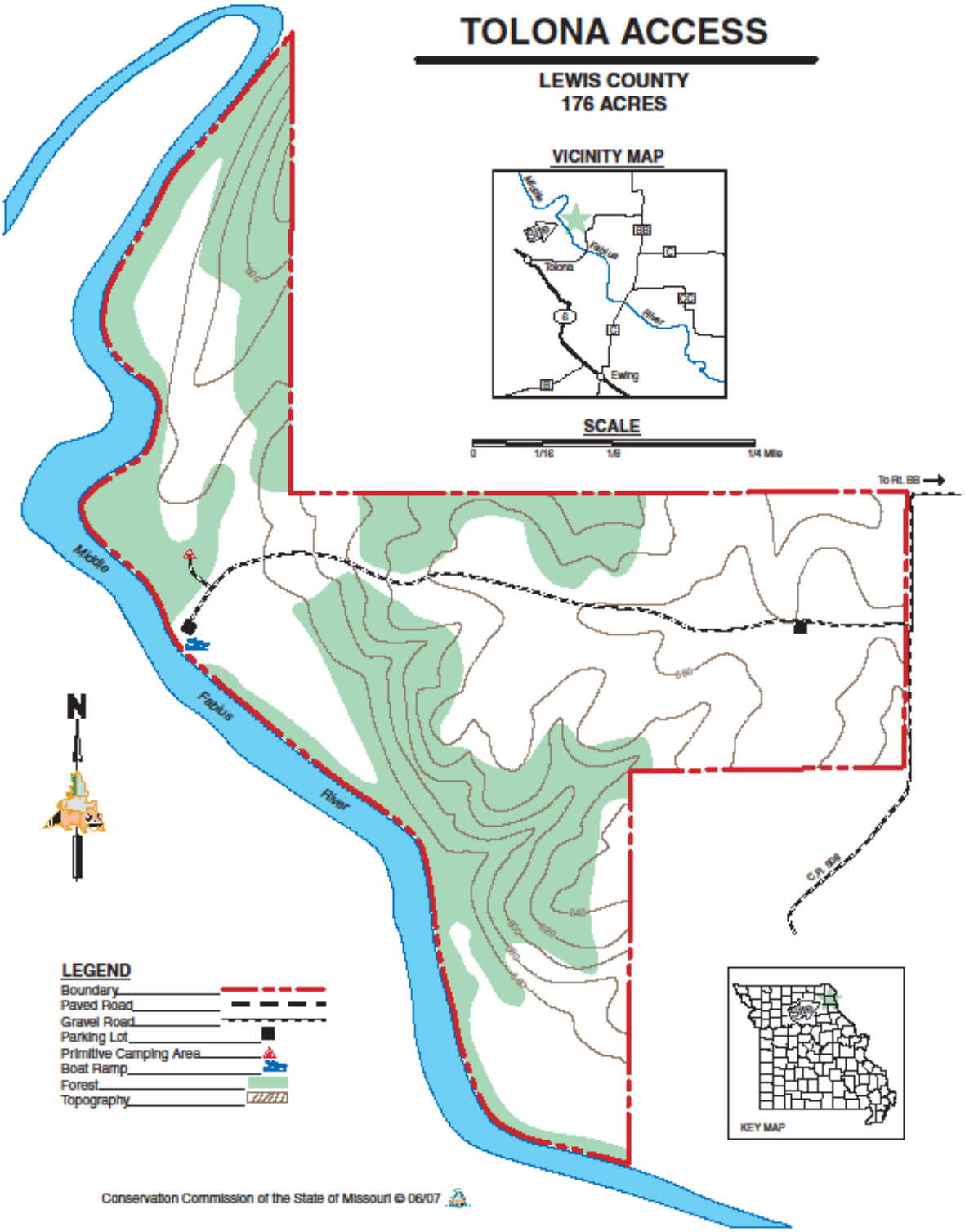
Appendix 32. Tolona Access Area Background

This 176-acre access is located in Lewis County along the Middle Fabius River. Approximately one-half of the access is timbered and the other half is old fields. Management of the access includes burning, disking and limited food plot planting. Two camping pads are provided for area users.

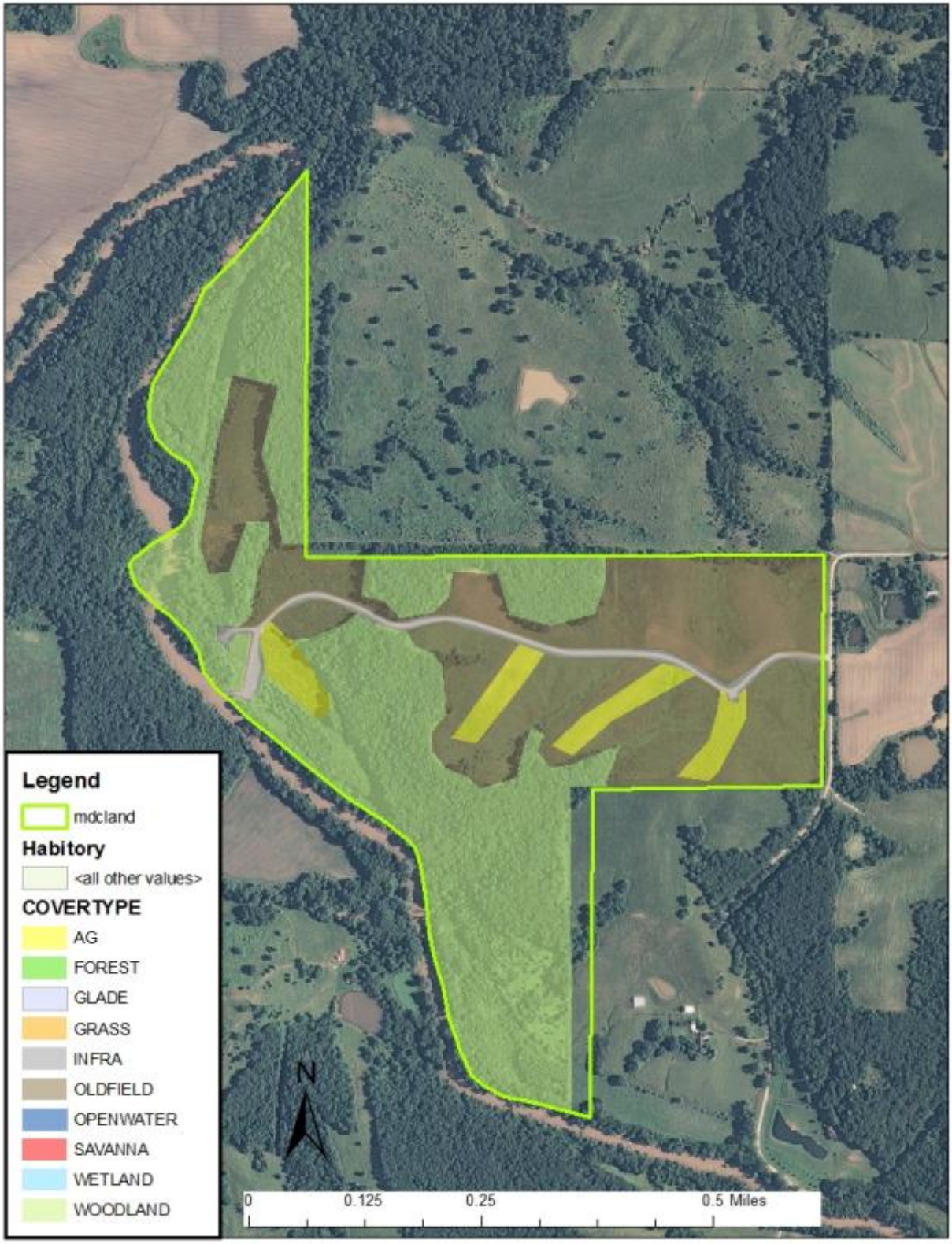
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest	94		55
Grassland/Old Field	65		36
Cropland/Food Plot	17		9
Totals	**176**		**100**
Stream Frontage		6,917	

Appendix 33. Tolona Access Area Map



Appendix 34. Tolona Access Cover Type Map



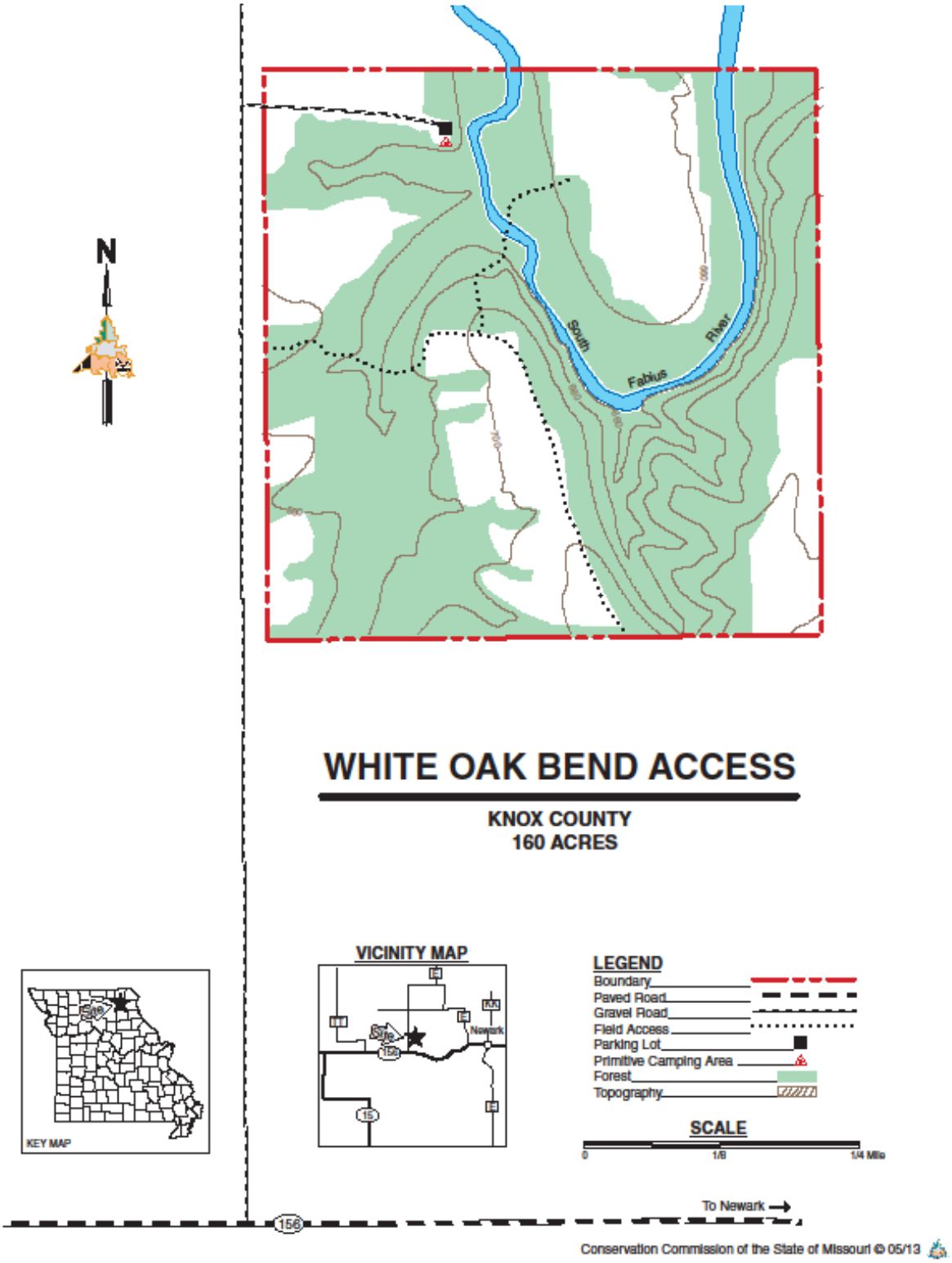
Appendix 35. White Oak Bend Access Area Background

This 160-acre is nearly 70 percent timber, the remainder of the access is open land and is managed with fire and food plots. Historically all the open fields were cropped prior to Department acquisition; any native grass on the access are plantings.

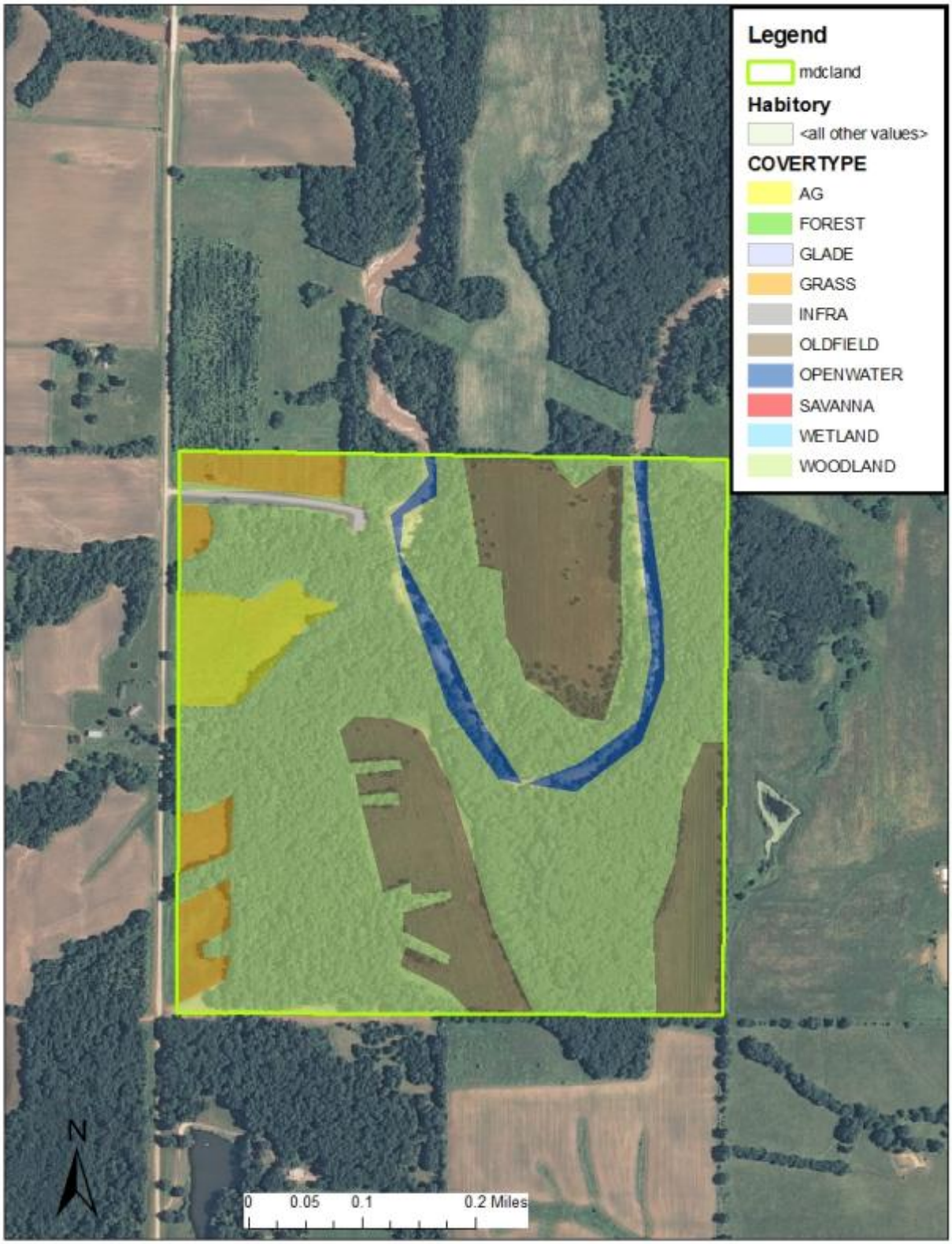
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest	106		67
Grassland/Old Field	47		29
Cropland/Food Plot	7		4
Totals	**160**		**100**
Stream Frontage		3,705	

Appendix 36. White Oak Bend Access Area Map



Appendix 37. White Oak Bend Access Cover Type Map



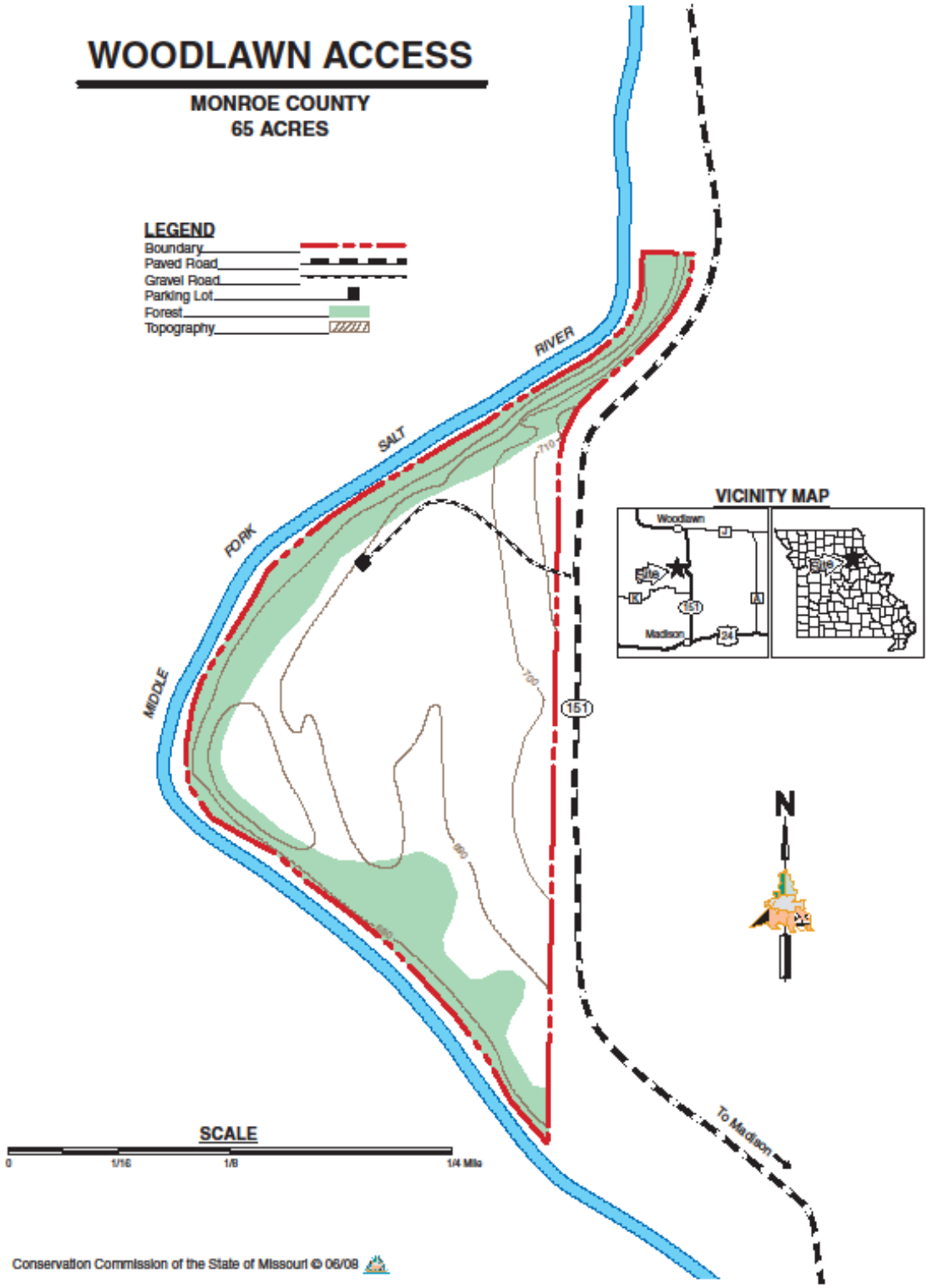
Appendix 38. Woodlawn Access Area Background

Woodlawn Access is on Highway 151 about 5 miles north of Madison. Habitats on this access include forest, grassland and old-fields. This access offers access to Middle Fork Salt River.

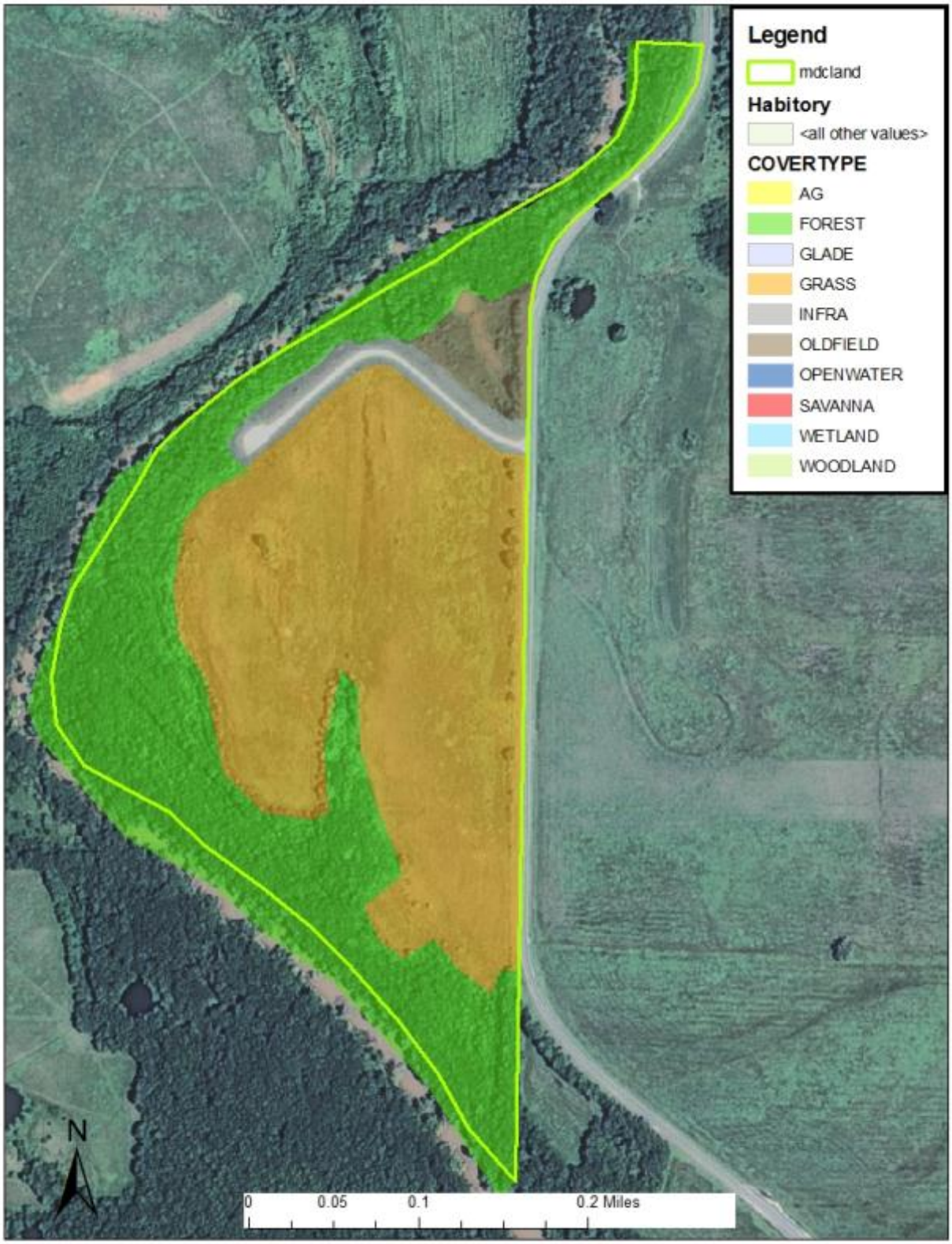
Current Land and Water Types:

Land/Water Type	Acres	Feet	% of Area
Forest and Woodland	30		46
Grassland	20		31
Old Field	15		23
Totals	**65**		**100**
Stream Frontage		5,280	

Appendix 39. Woodlawn Access Area Map



Appendix 40. Woodlawn Access Cover Type Map



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