

# **DRAFT**

# **Pinhook Access**

## **Fifteen-Year Area Plan**

### **FY 2017-2031**



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## OVERVIEW

- **Official Area Name:** Pinhook Access Area, #7401
- **Acquisition:** 1974
- **Acreage:** 4 acres
- **County:** Pettis
- **Division with Administrative Responsibility:** Fisheries
- **Division with Maintenance Responsibility:** Wildlife
- **Statement of Primary Purpose:**
  - A. Strategic Direction**

Pinhook Access is managed to provide public fishing access to Muddy Creek for bank anglers.
  - B. Desired Future Conditions**

The desired future condition of Pinhook Access is a protected wooded riparian corridor, maintained grass site, and a maintained 20-vehicle parking lot.
  - C. Federal Aid Statement**

N/A

## GENERAL INFORMATION AND CONDITIONS

- I. Special Considerations**
  - A. Priority Areas:** None
  - B. Natural Areas:** None
  
- II. Important Natural Features and Resources**
  - A. Species of Conservation Concern:** 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.
  - B. Caves:** None
  - C. Springs:** None
  - D. Other:** Occurs in the Lower Lamine River Woodland/Forest Hills Landtype Association. This landtype consists of broad gently rounded uplands that give way to steep slopes. Soils are deep, cherty silt loam. Historically, vegetation was oak savanna, woodland and forest with scattered glades (Nigh & Schroeder, 2002).
  
- III. Existing Infrastructure**
  - 1 parking lot

**IV. Area Restrictions or Limitations**

**A. Deed Restrictions or Ownership Considerations:** None

**B. Federal Interest:** Federal funds 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.

**C. Easements:** None

**D. Cultural Resources Findings:** No known cultural resources.

**E. Endangered Species:** None Observed

**F. Boundary Issues:** None

**MANAGEMENT CONSIDERATIONS**

**V. Terrestrial Resource Management Considerations**

**Challenges and Opportunities:**

- 1) The majority of the area is in forest cover which is beneficial for protection of the riparian corridor along Muddy Creek.
- 2) The forest on the area appears to be in overall good health with a wide range of age classes present. Tree species present on the area include American sycamore, silver maple, red elm, eastern cottonwood, hackberry, black walnut, honey locust, burr oak, Osage orange, and redbud. The small size of the area limits the practicality of most terrestrial management practices.

**Management Objective 1:** Manage riparian corridors to reduce potential soil erosion and deposition into Muddy Creek.

**Strategy 1:** Maintain forested cover on the area to provide protection to the riparian area and water quality. (Forestry)

**Strategy 2:** All management activities will follow the *Watershed and Stream Management Guidelines for Lands and Waters Managed by the Missouri Department of Conservation* (Missouri Department of Conservation, 2009). (Forestry and Wildlife)

**Management Objective 2:** Actively reduce invasive species.

**Strategy 1:** Monitor annually for invasive species. (Wildlife)

**Strategy 2:** Reduce invasive species using appropriate techniques including but not limited to chemical applications and mechanical thinning. (Wildlife)

## VI. Aquatic Resource Management Considerations

The area lies within the Muddy Creek watershed. Fourth-order Muddy Creek runs along the area. However, there is not a boat ramp or any ponds on the area.

### **Challenges and Opportunities:**

- 1) This area is small in size. Muddy Creek runs along the area with steep banks.
- 2) The riparian corridor is in good condition.

**Management Objective 1:** Maintain adequate riparian buffers for all stream channels.

**Strategy 1:** All management activities will follow the *Watershed and Stream Management Guidelines for Lands and Waters Managed by the Missouri Department of Conservation* (Missouri Department of Conservation, 2009). (Wildlife)

## VII. Public Use Management Considerations:

### **Challenges and Opportunities:**

- 1) The area has a long history of vandalism and trash dumping.
- 2) The area has limited bank fishing opportunities and does provide boat access to Muddy Creek.

**Management Objective 1:** Facilitate a good working relationship with neighboring landowners.

**Strategy 1:** Work with neighbors to minimize any boundary issues, trespass, or illegal activities as this would aid in the overall relationship between the Department and public (Fisheries).

**Strategy 2:** Unless actively fishing, discourage public use on the area from 10 p.m. to 4 a.m. with Protection patrols (Protection).

**Management Objective 2:** Cooperatively patrol the area and report unauthorized activities.

**Strategy 1:** Regularly patrol and enforce the *Wildlife Code of Missouri*, with emphasis on vandalism, littering and response to public complaints. (Protection, Wildlife)

**Management Objective 3:** Inform public about area regulations.

**Strategy 1:** Maintain signs according to Department policy. (Wildlife)

**Strategy 2:** Maintain accurate and timely information on the Department's Atlas database. Review information annually. (Fisheries)



## APPENDICES

### Area Background:

Pinhook Access was acquired in 1974 as a result of a donation from William Bunn. Due to its small size (less than 4 acres), public use activities are limited.

The primary objective of this area is to provide access to Muddy Creek. Of equal importance is the protection of the riparian corridor along the north bank of Muddy Creek.

There is a Pettis County Historical Marker on the area that commemorates St. Helena, which was the first Pettis County seat.

### Current Land and Water Types:

Land/Water Type	Acres	Miles	% of Area
Forest	3		75
Grasslands	1		25
<b>Total</b>	<b>4</b>		<b>100</b>
Stream frontage		0.1	

### References:

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

Nigh, T. A., & Schroeder, W.A. (2002). *Atlas of Missouri ecoregions*. Jefferson City, MO: Missouri Department of Conservation.

### Maps:

Figure 1: Area Map

Figure 2: Aerial Map

Figure 3: Topographic Map

Figure 4: Current Vegetation Map

Figure 1: Area Map

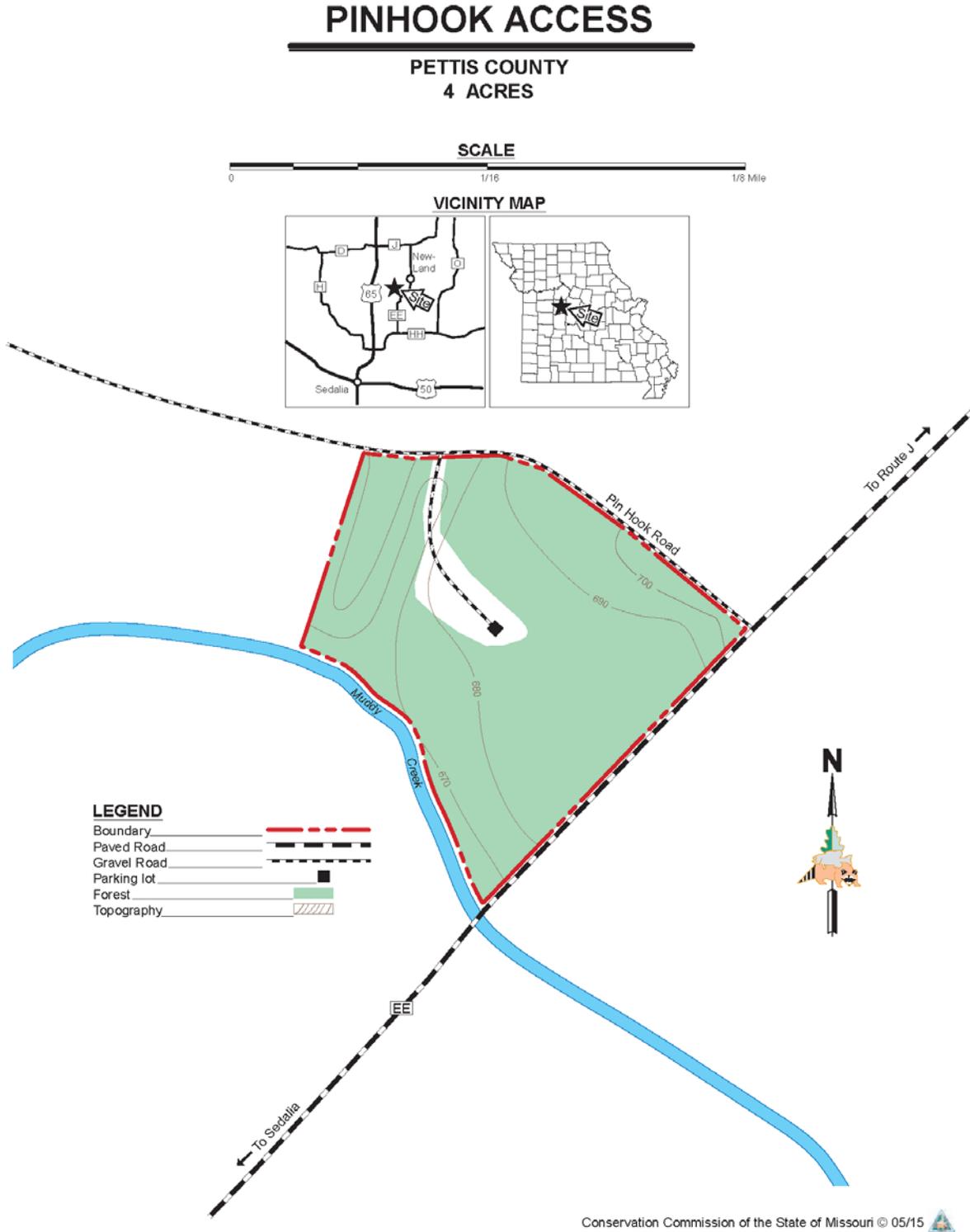


Figure 2: Aerial Map



### Legend

-  Muddy Creek
-  Area Boundary

Figure 3: Topographic Map



### Legend

-  Muddy Creek
-  Area Boundary

**Figure 4: Current Vegetative Map**

# Pinhook Access



### Legend

-  Forest
-  Parking Lot
-  Maintained Grass
-  Area Boundary

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