MISSISSIPPI RIVER PROJECT MASTER PLAN WITH INTEGRATED ENVIRONMENTAL ASSESSMENT

UPPER MISSISSIPPI RIVER WATERSHED POOLS 11-22 9-FOOT CHANNEL NAVIGATION PROJECT PLEASANT VALLEY, IOWA

APPENDIX J

LAND USE CLASSIFICATION AND MANAGEMENT PLATES

MARCH 2022

Master Plan Mapping

Appendix J is a supporting document to the January 2022 U.S. Army Corps of Engineers (Corps), Rock Island District, Mississippi River Project (Project) Master Plan (MP) and includes Land Use Classification and Management map exhibit plates referenced elsewhere in the plan. The MP provides direction and guidance for appropriate uses, development, enhancement, protection, and conservation of the natural, cultural, and man-made resources on fee title lands acquired for the Project (Project lands) and waters. Master Plans are specific to Corps Civil Works water resource projects (Corps projects) and are not a plan for private lands or for other non-Corps public lands such as Federal fee title lands acquired for USFWS refuges. Fee owned/title means all the real property for which the U.S. has all rights, titles, and interest (not partial). The land use classifications provided in this appendix supersede the 1989 Land Use Allocation Plan (LUAP). Please see the Master Plan for more information.

Background

The 36 Land Classification and 36 Management map plates following this introduction provide planning level MP mapping for lands and other real estate interests (generically labeled as Easements) acquired for the Project from Guttenberg, Iowa, at Lock and Dam 10 to Saverton, Missouri, at Lock and Dam 22. Some examples of easements include the right to overflow tracts, construct and maintain roadway, or other purposes where the U.S. acquired less than full fee title interest in tracts. Plates are identified by type, number, river pool, and river mile. A north arrow and scale bar are provided on each plate for directional orientation and map scale respectively. Numerous mapping sources were utilized in the creation of the current land classifications including Corps real estate maps, Upper Midwest Environmental Science Center's Long Term Resource Monitoring land cover data, aerial photography, and the 1989 LUAP, in part. Navigation structures such as wing dams and side-channel closing structures constructed on lands below the ordinary high-water mark under Navigation Servitude were not classified or identified in this plan except for the immediate lock and dam structures. Navigation structures are included in navigation charts and other Navigation plans. Public lands shown are not open to unlimited access. One must obey access rules, regulations, boundary signs, know local regulations, and not trespass on private property.

Management Areas

Mississippi River Project lands are divided into management areas for the purposes of the MP. They are apportioned for development and resource management consistent with authorized project purposes, provisions of the National Environmental Policy Act, and other Federal laws. The plates provide unique id numbers for each management area based on pool number, classification for the area, and number. Area descriptions and associated Future Management Recommendations are provided in Chapter 5 of the MP and utilize the id numbers for reference.

Classification Map Plates

Project lands and management areas are displayed showing the designated Land Use Classifications of their primary use from the list below. For full classification area definitions and associated allowances or restrictions, please see Chapter 4 of the MP, Corps' Engineer Regulation (ER) 1130-2-550, and Title 36 Code of Federal Regulations. These plates display the original outline of tracts acquired for the Project regardless of whether all or a portion of the tract became submerged after the locks and dams began operation. Classified areas also include land adjacent to acquired tracts where the shoreline location

has changed over time due to accretion. Submerged Project lands do not display land use classifications. Activities in these areas are to be consistent with adjacent land classification.

Environmentally Sensitive Areas: These areas include those where scientific, ecological, cultural and/or aesthetic features have been identified.

High Density Recreation: Land developed for intensive recreational activities for the visiting public including day use areas, campgrounds, and marinas.

Low Density Recreation: Lands with minimal development or infrastructure that support passive public recreational use (e.g., primitive camping, fishing, hunting, trails, wildlife viewing, etc.).

Project Operations: Provides for the safe, efficient operation of the navigation project for those authorized purposes other than recreation and environmental stewardship related activities.

Vegetative Management: Lands designated for stewardship of forest, prairie, marsh, submerse aquatic vegetation, and other native vegetative cover on Corps managed lands.

Wildlife Management: Lands designated for stewardship of fish and wildlife resources and habitats. Used only for lands made available to the USFWS, IA DNR, IL DNR, and MDC under General Plans.

Management Agency Map Plates

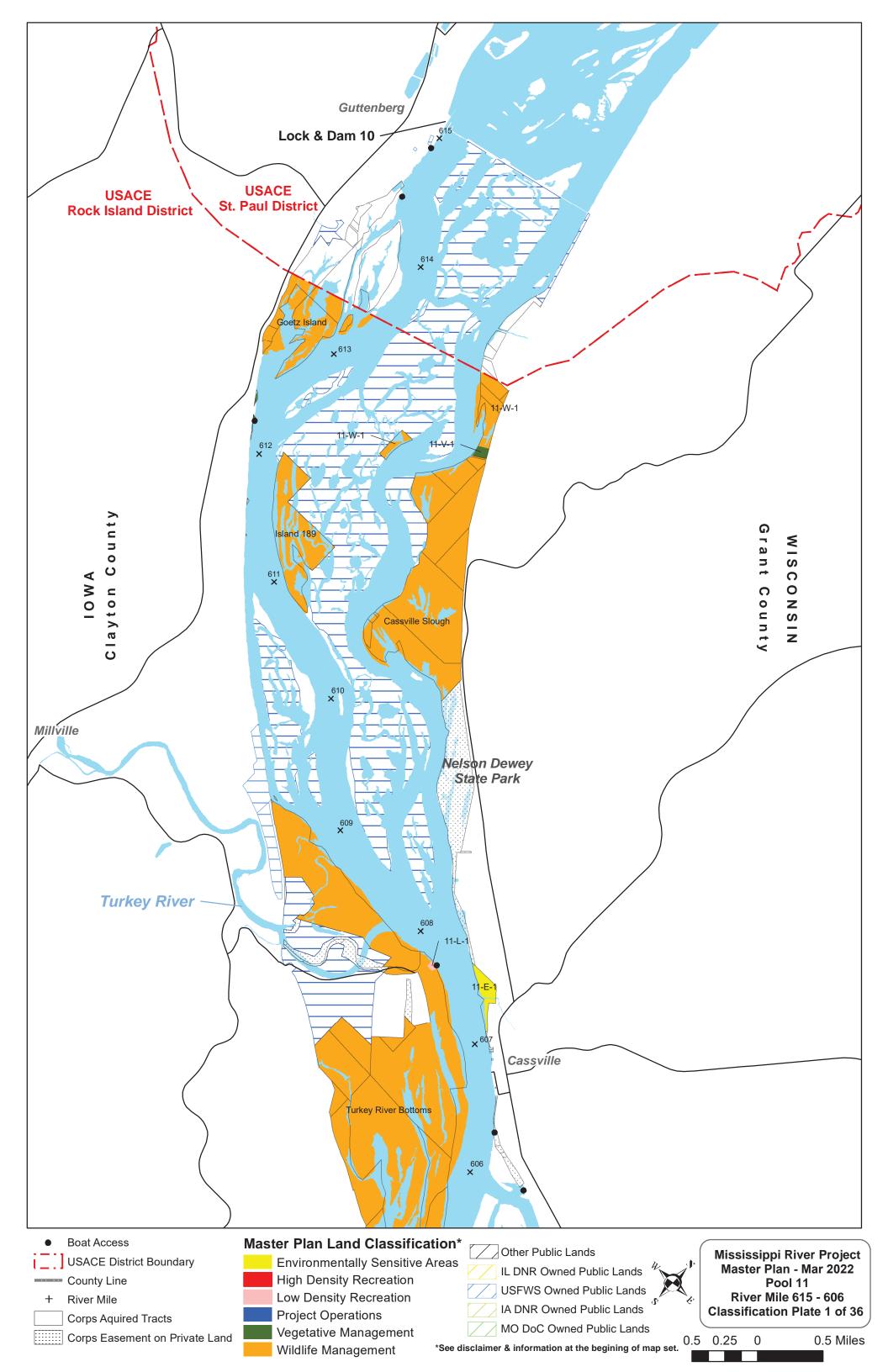
Project lands managed by others is depicted on the Management Agency Map Plates using the categories below. The plates provide general information on the managing agency/entity regardless of the type of outgrant or agreement used. The outlines for management areas include original tract areas (submerged or emergent) and adjacent accreted lands as appropriate. Appendix K provides map exhibits specifically for lands made available wildlife management agencies under General Plans as authorized by the Fish and Wildlife Coordination Act.

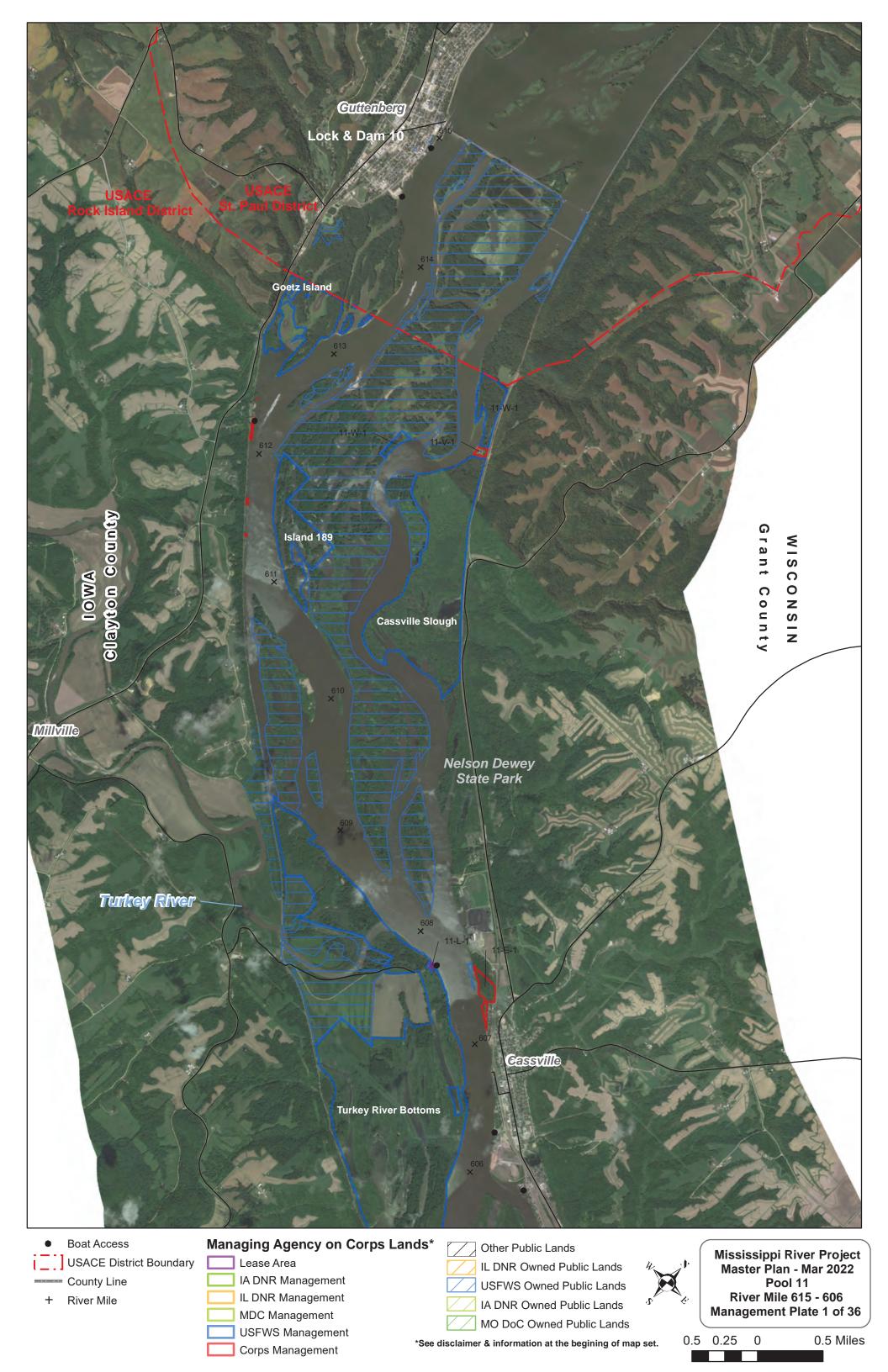
Lease Area: Various private and public entities.
Iowa Department of Natural Resources (IA DNR)
Illinois Department of Natural Resources (IL DNR)
Missouri Department of Conservation (MDC)
US Fish & Wildlife Service (USFWS)
Corps of Engineers (Corps)

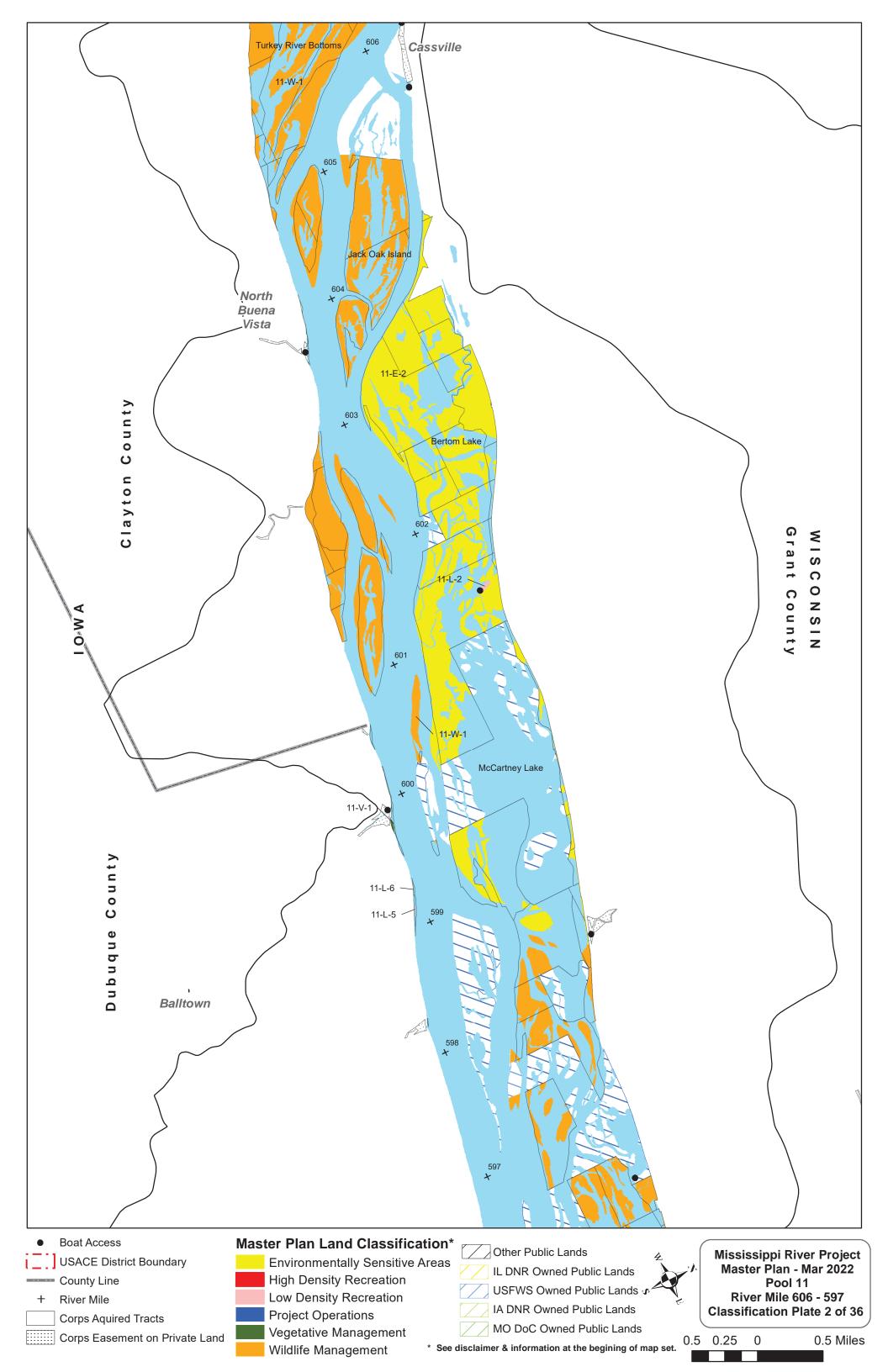
Real Estate Information

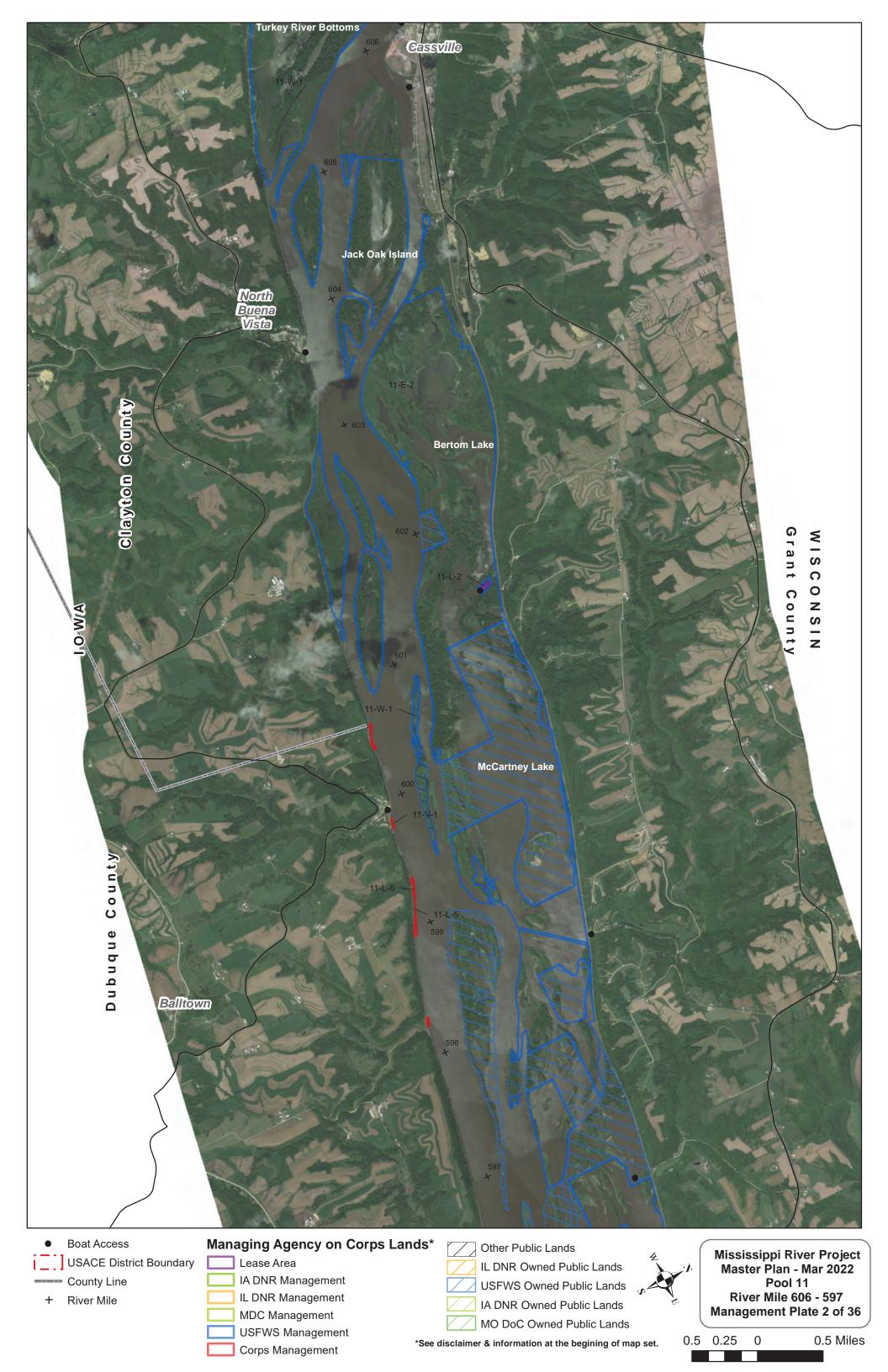
These plates do not represent legal real estate interest acquisition lines and are intended only for the illustrative purposes of this plan. The actual interests/rights are as detailed in the Real Estate title or instrument. Real estate maps and documents on file with the District provide official real property acquisition, administrative, lease, license, or permit agreements involving Project lands. Please contact the Rock Island District Real Estate Branch for information. This Master Plan mapping has been thoroughly reviewed and proofed by the Corps, FWS, and State representatives. Despite this fact, minor omissions or inaccuracies have been made in the graphic display due to the complexity of the plan. Any questions arising from these details will be handled on a case-by-case basis.

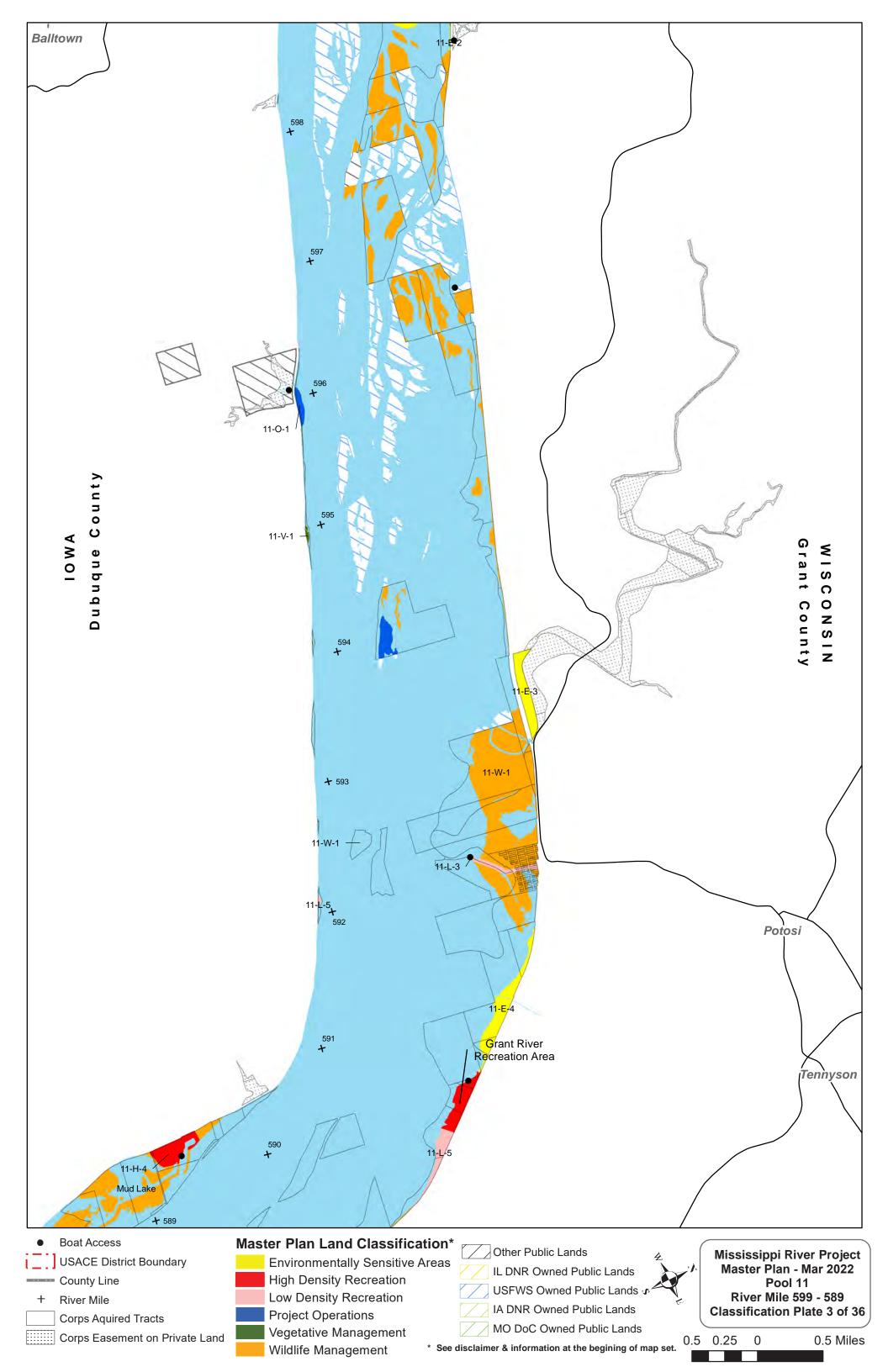
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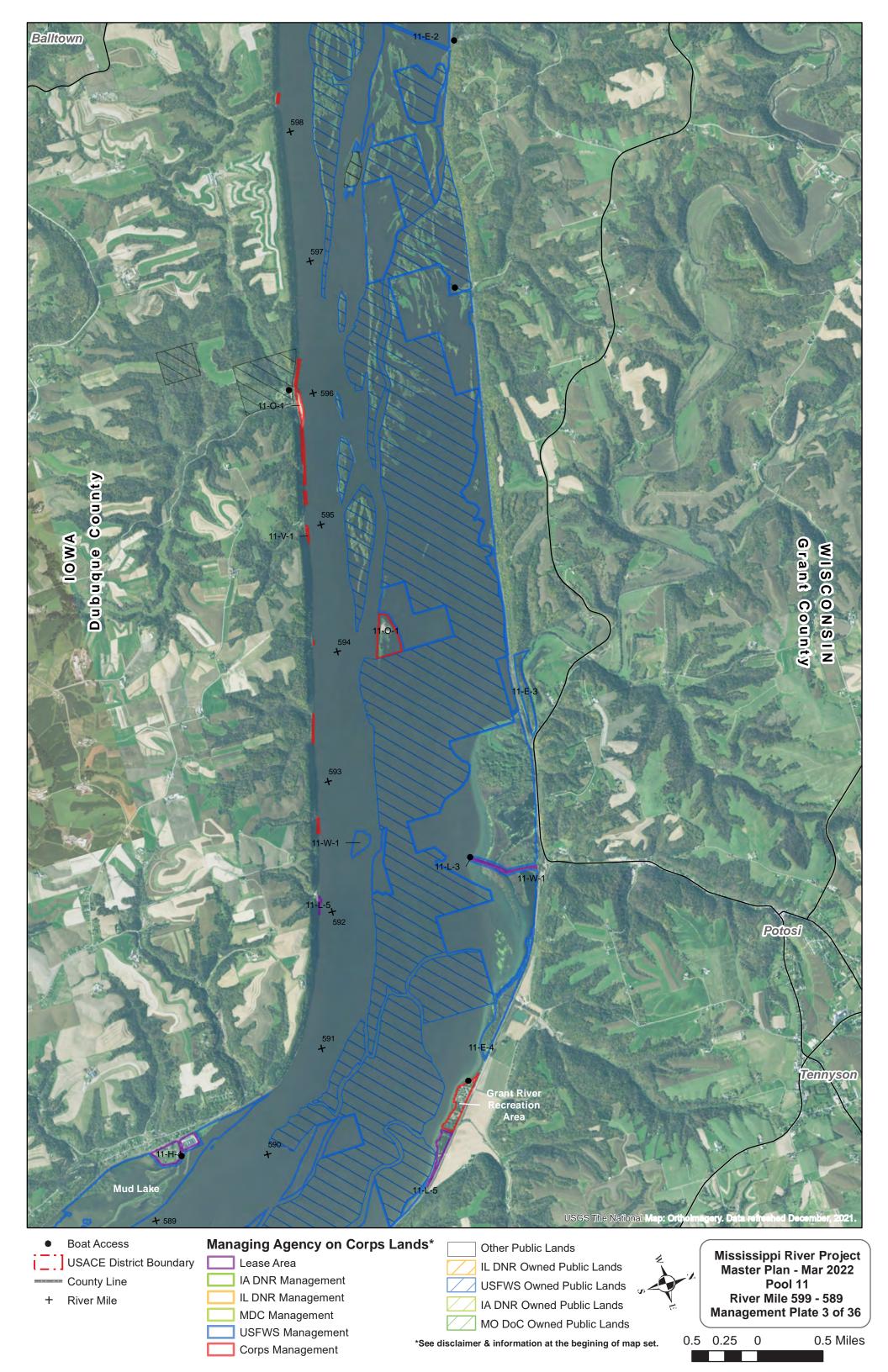


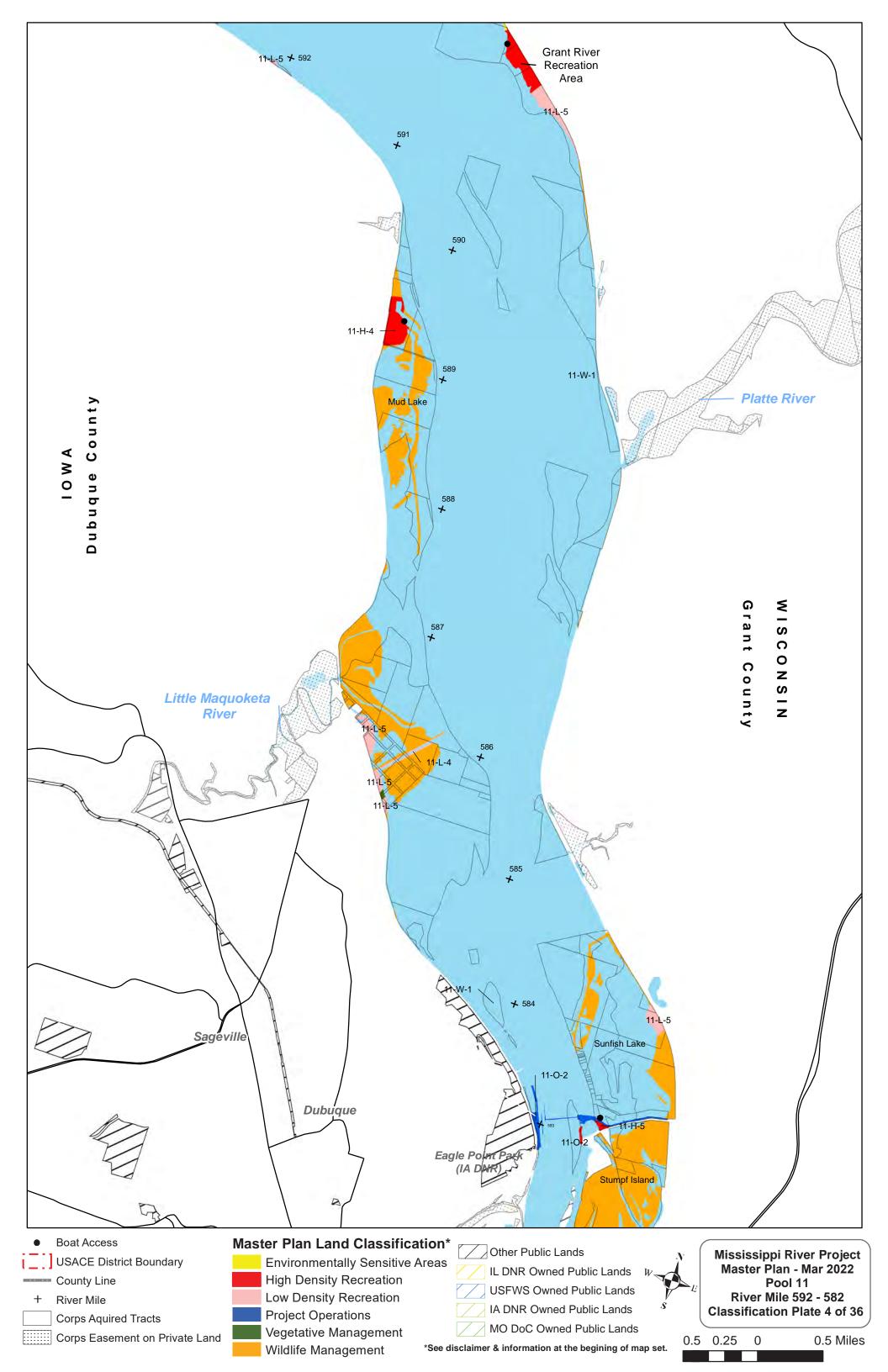


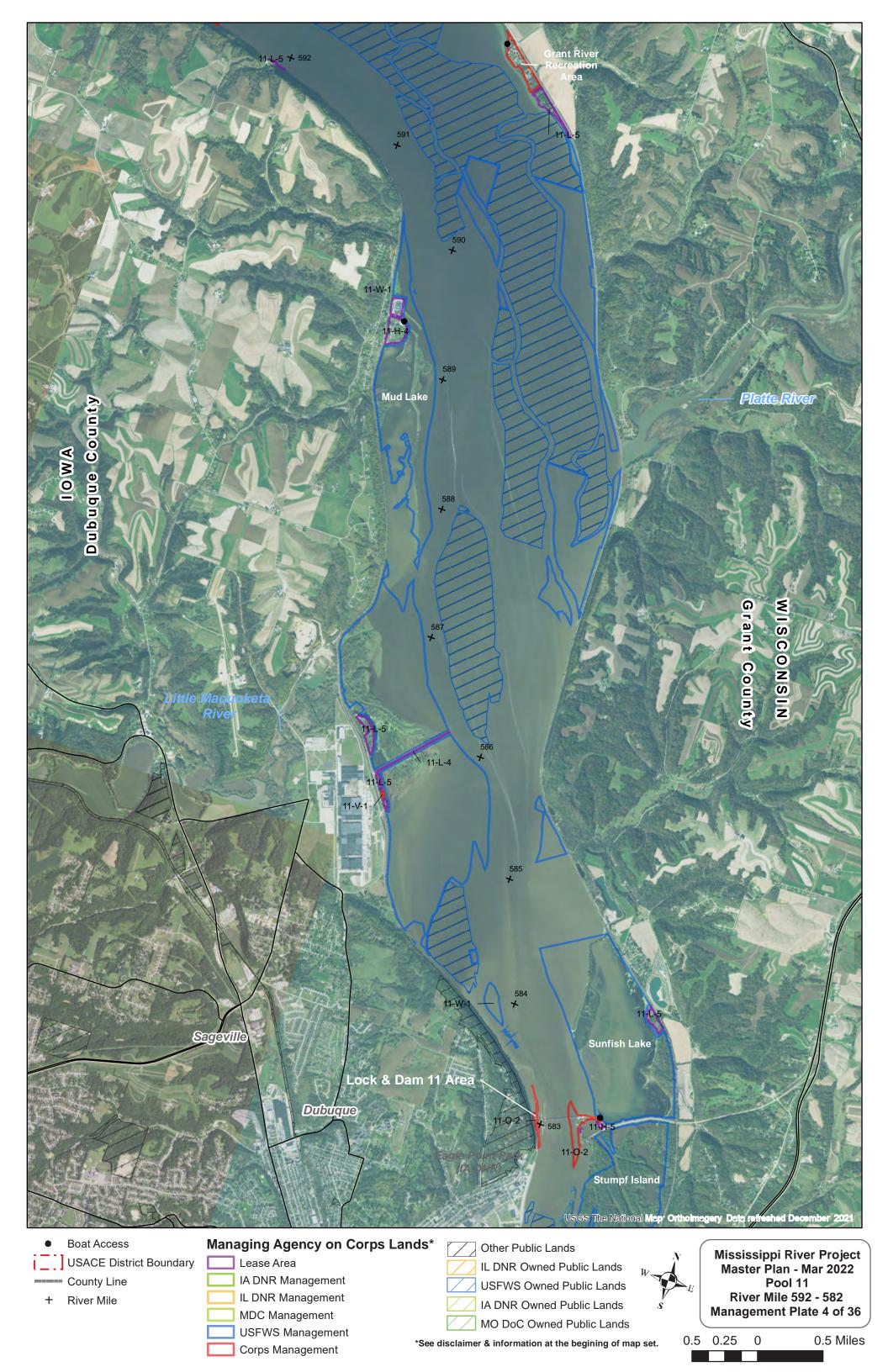


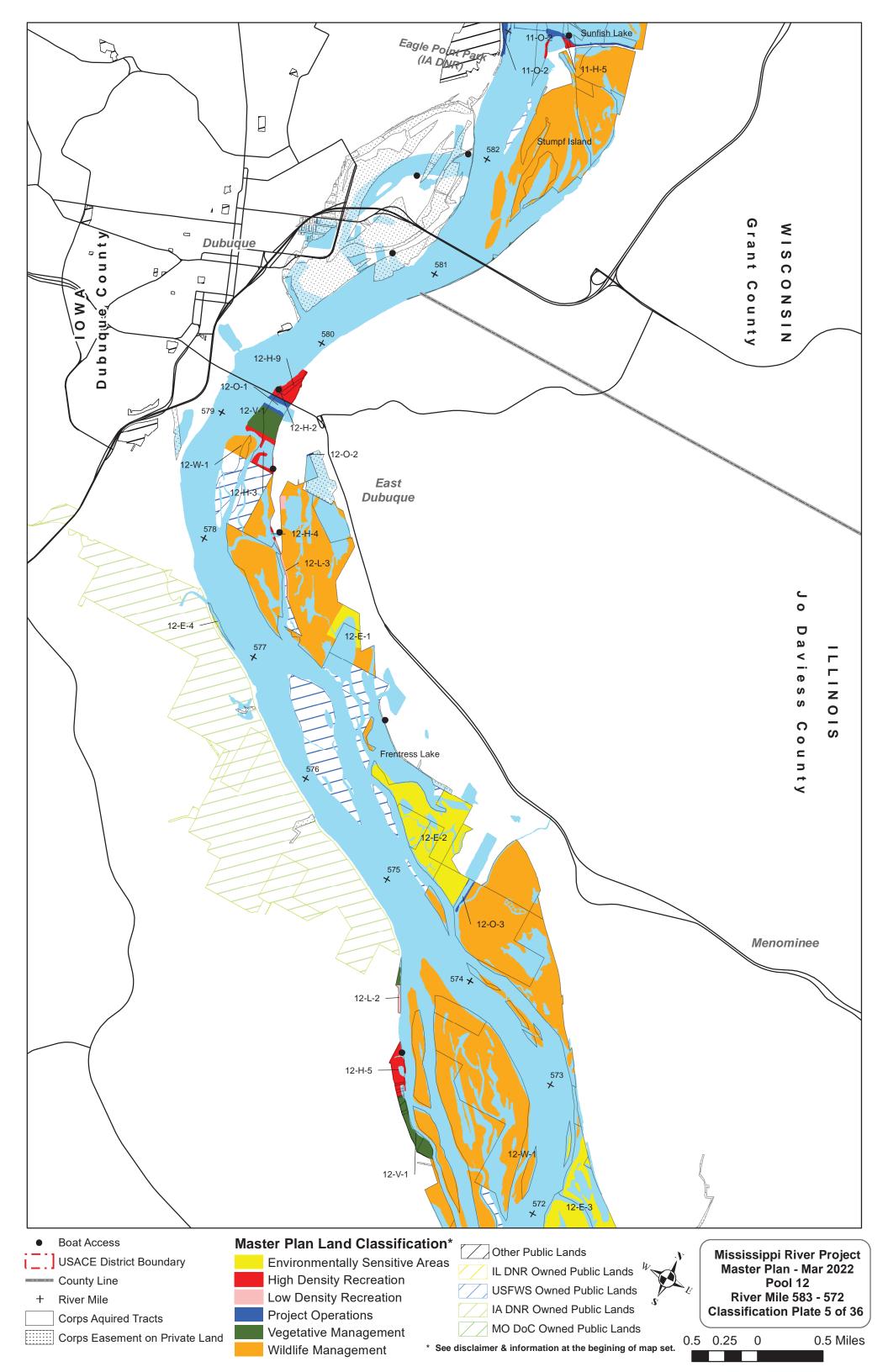


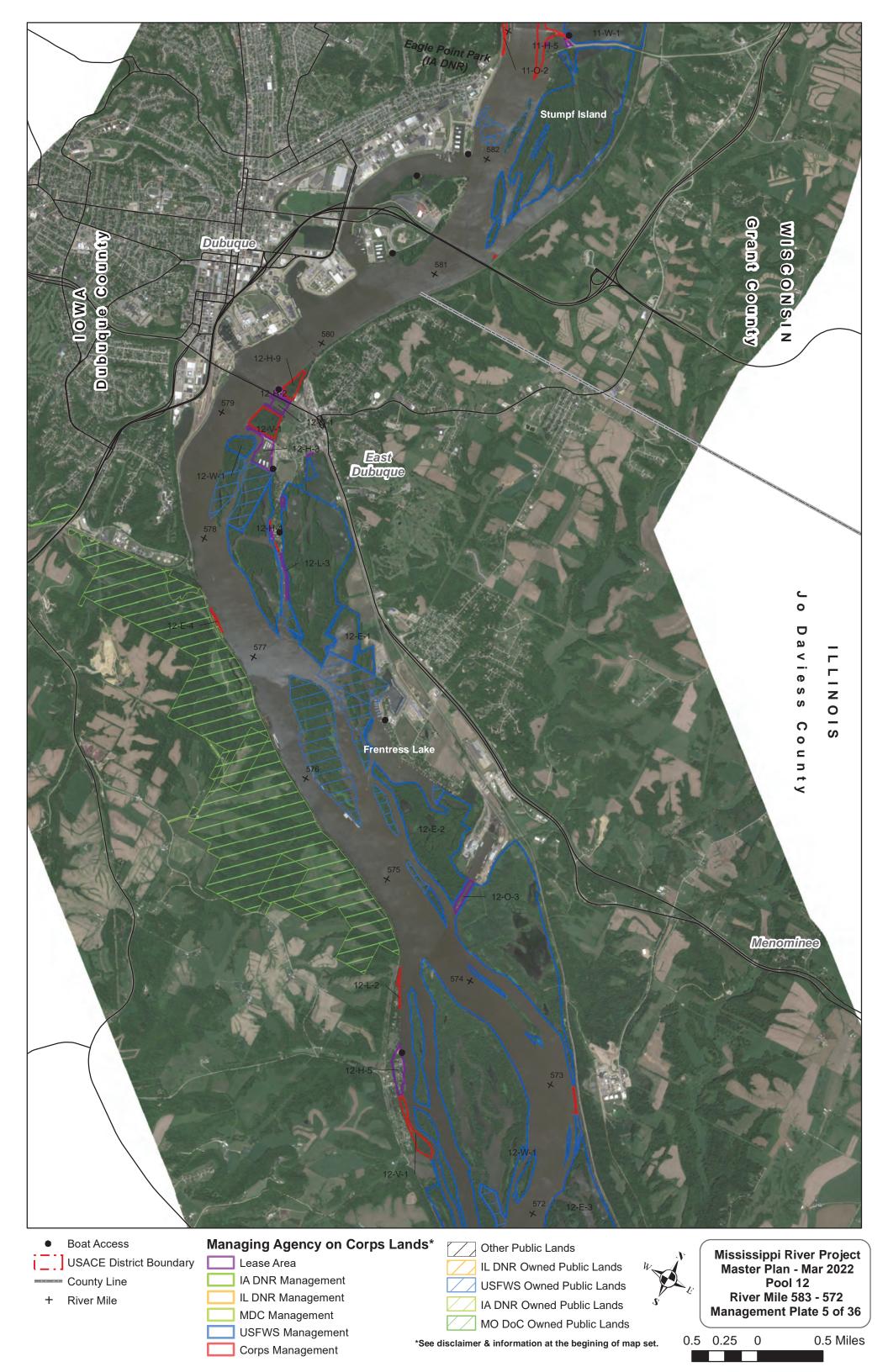


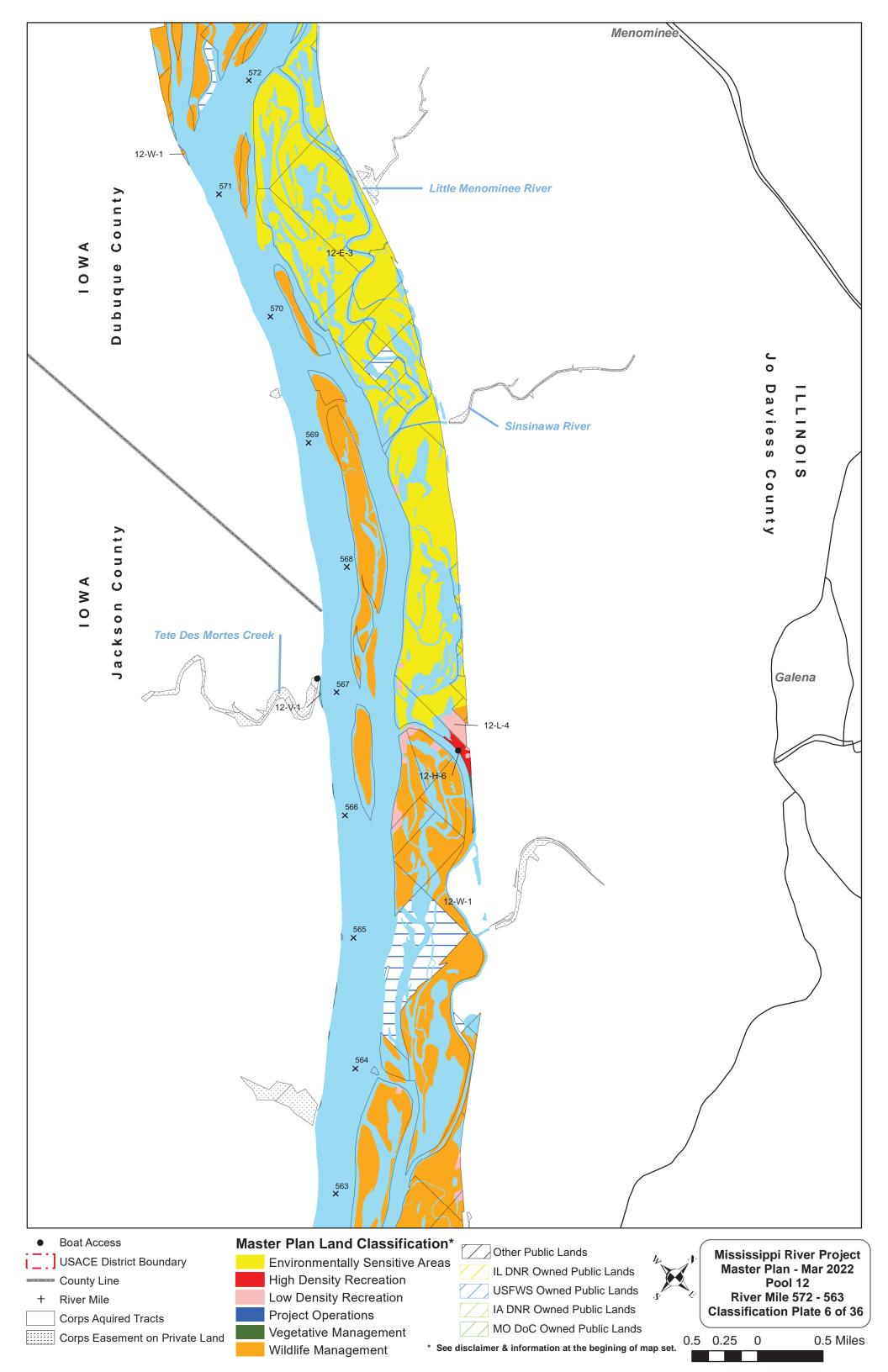


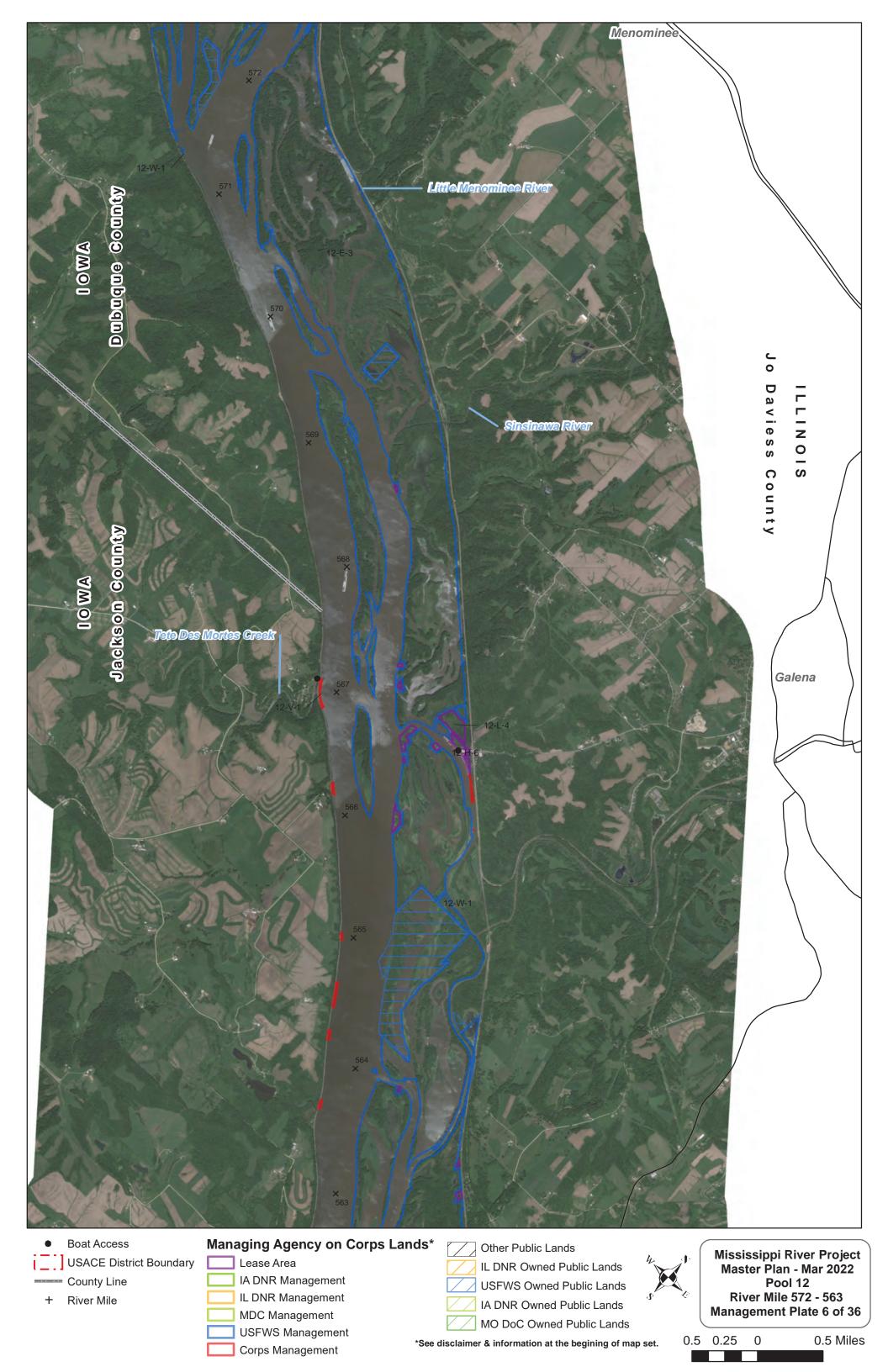


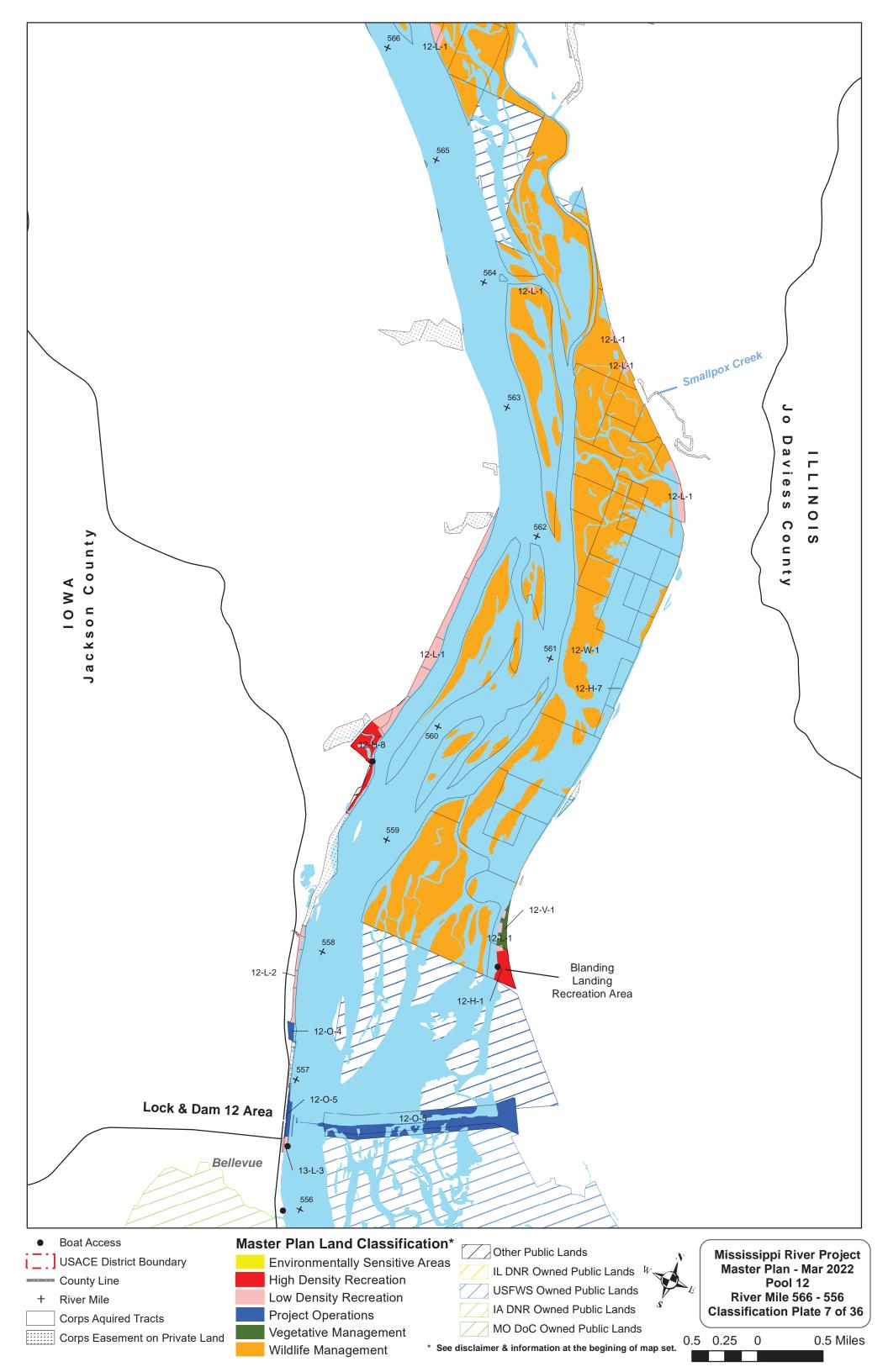


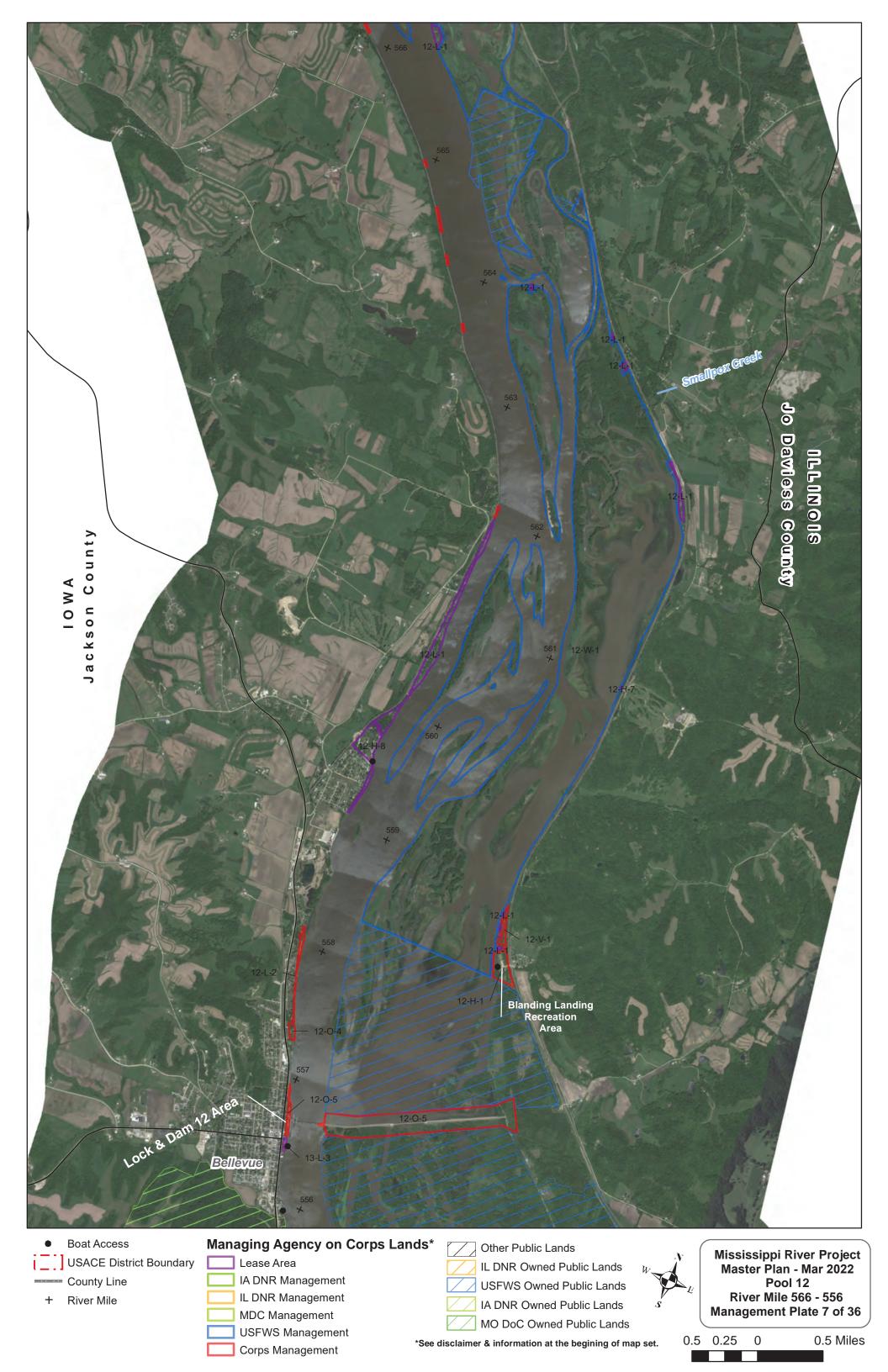


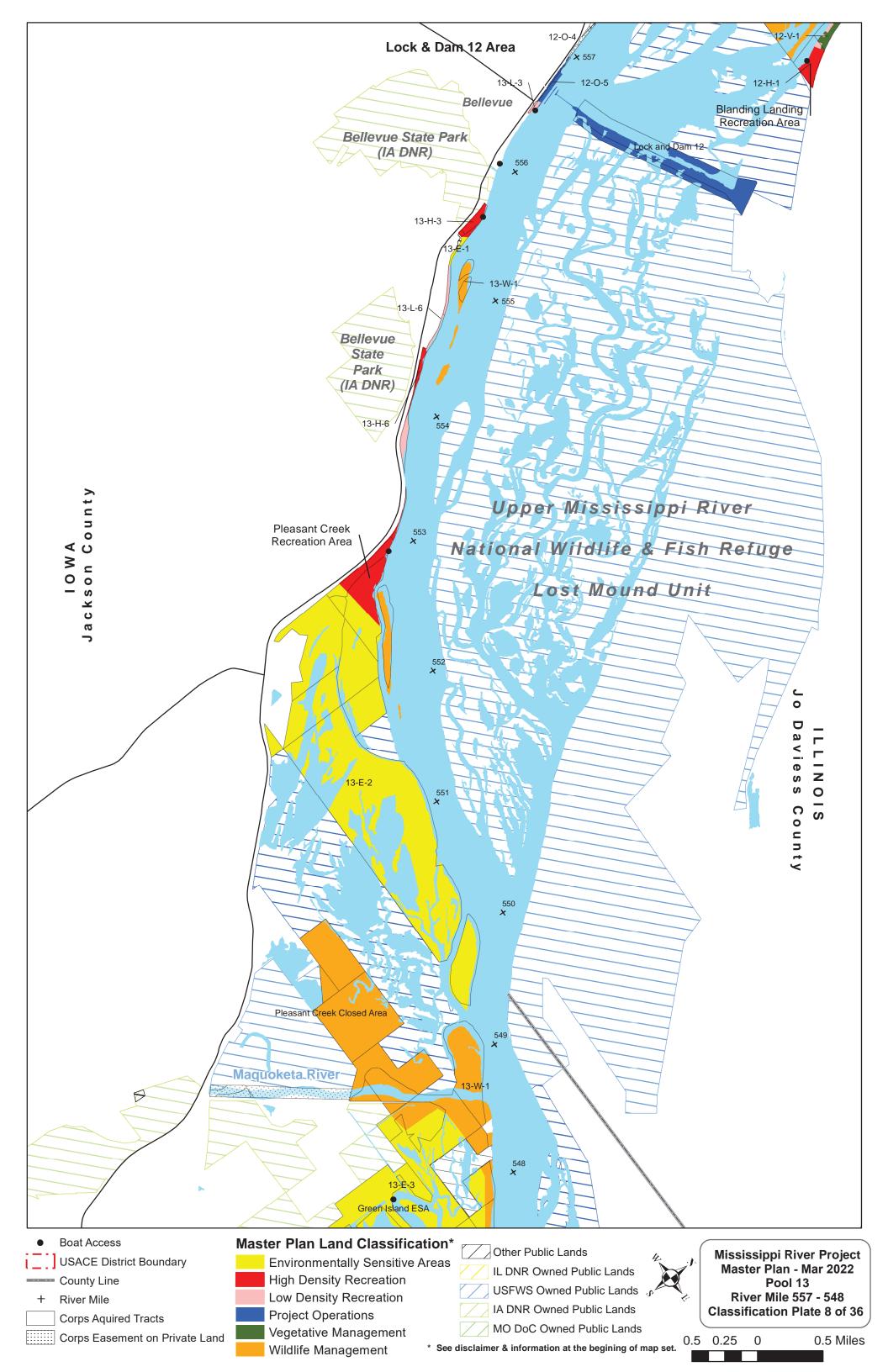


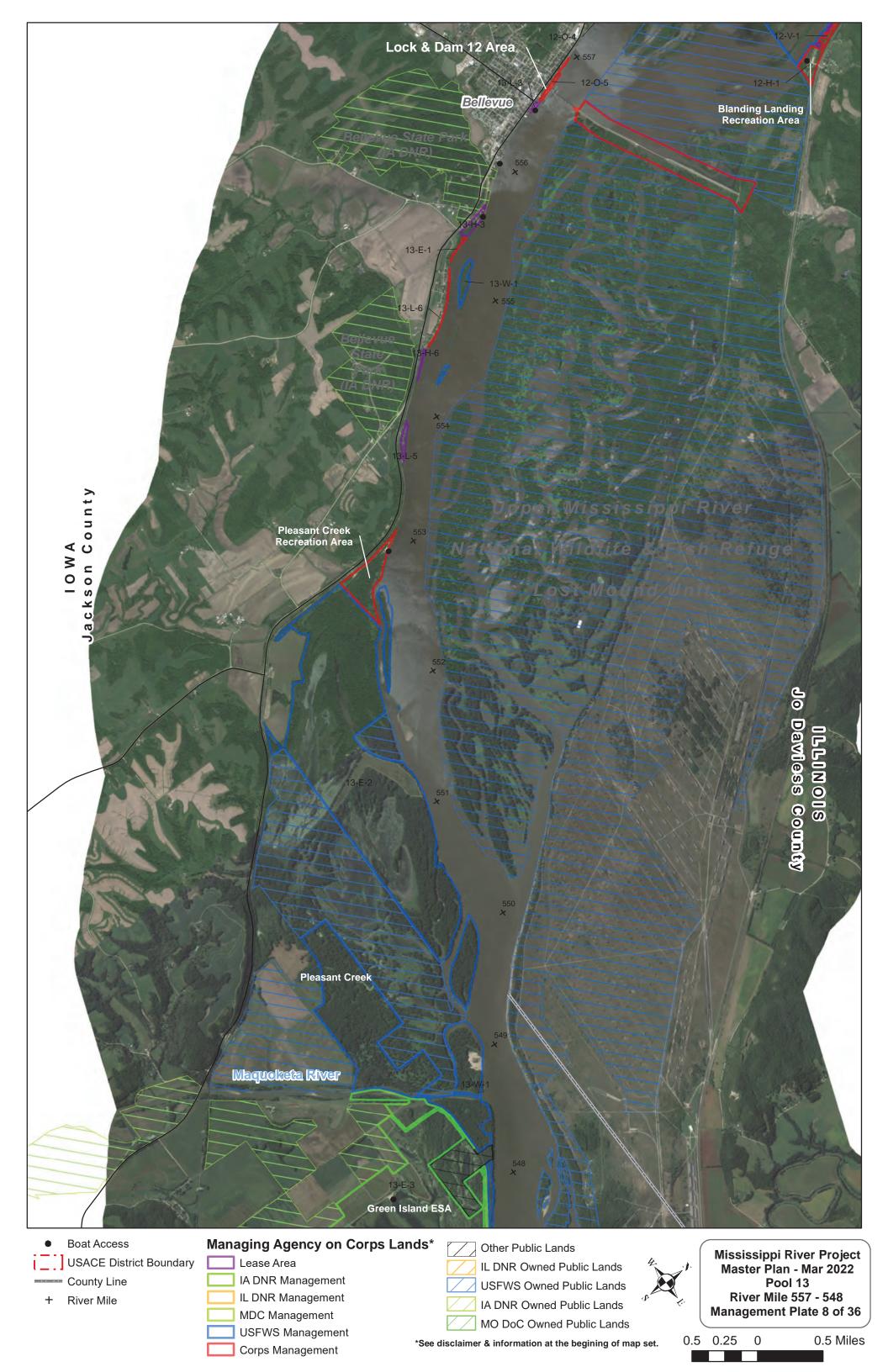


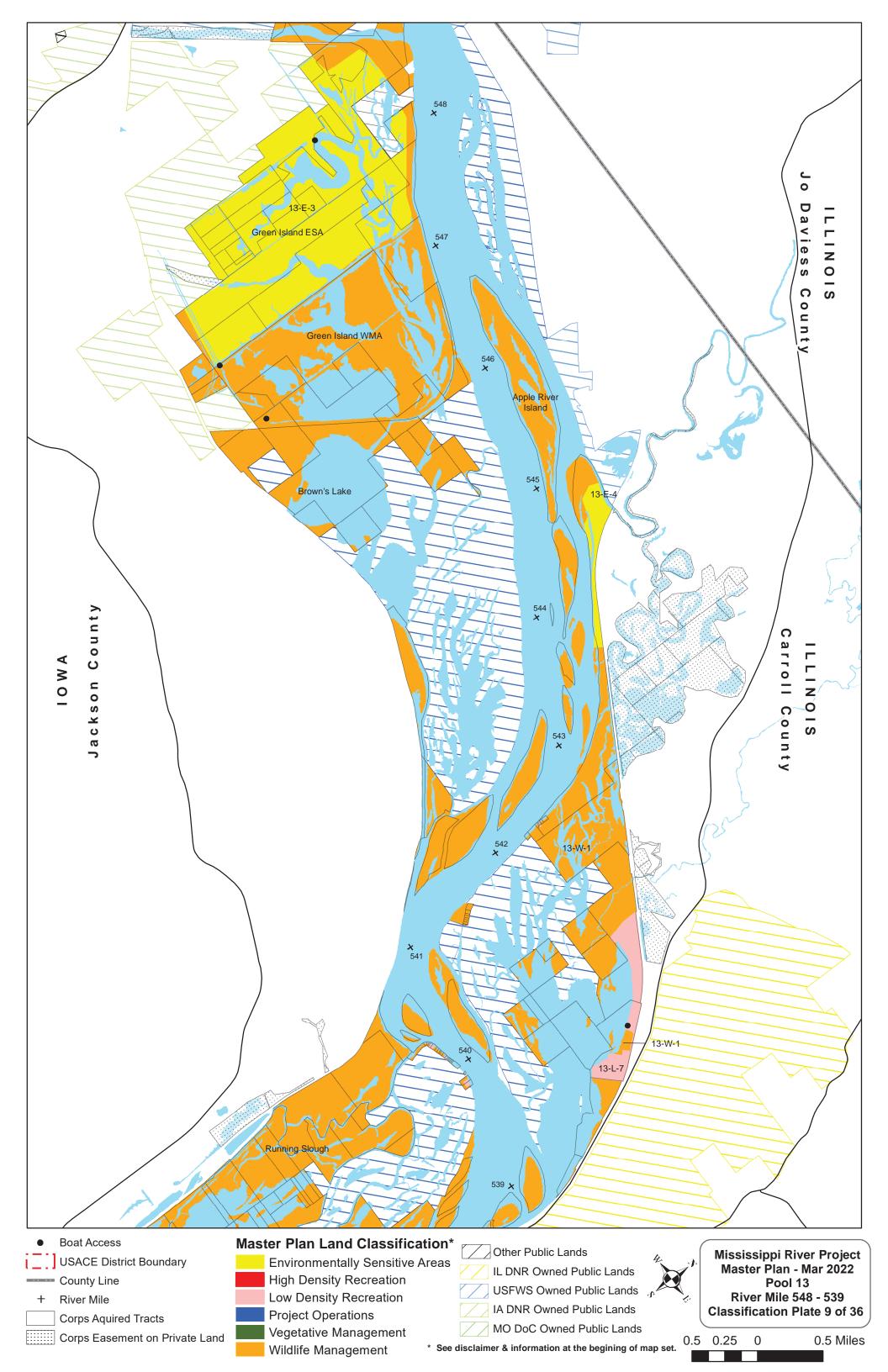


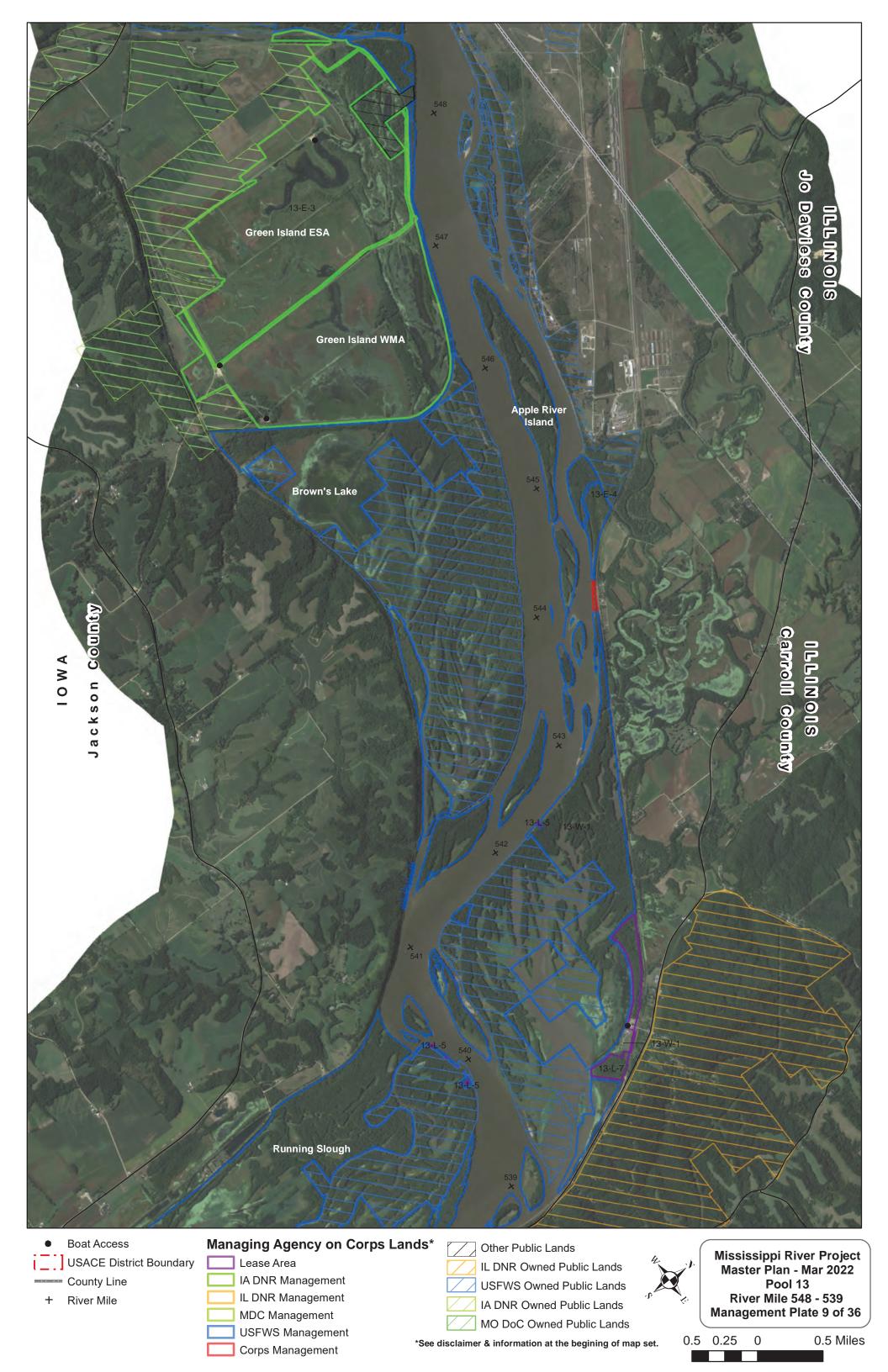


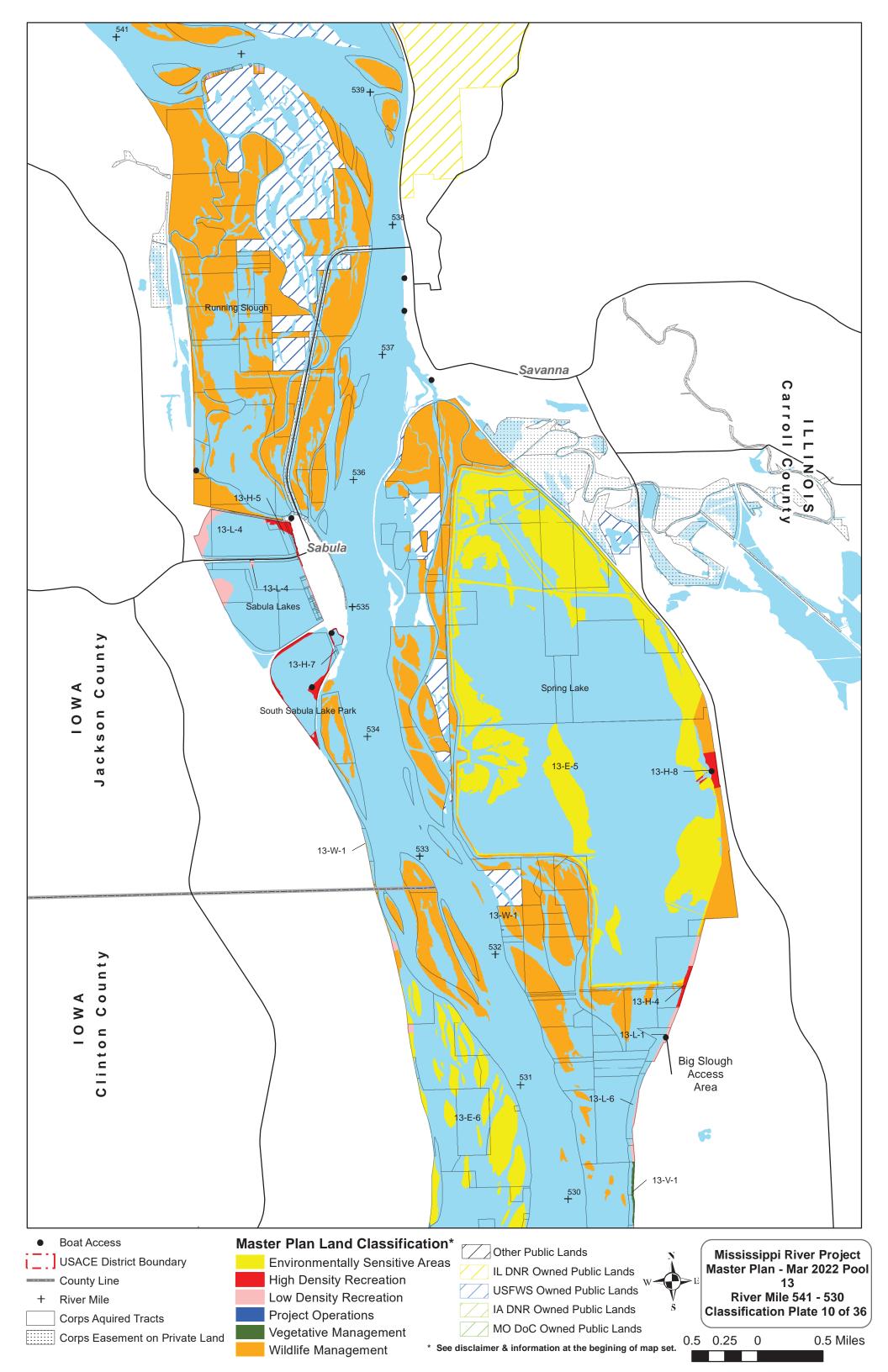


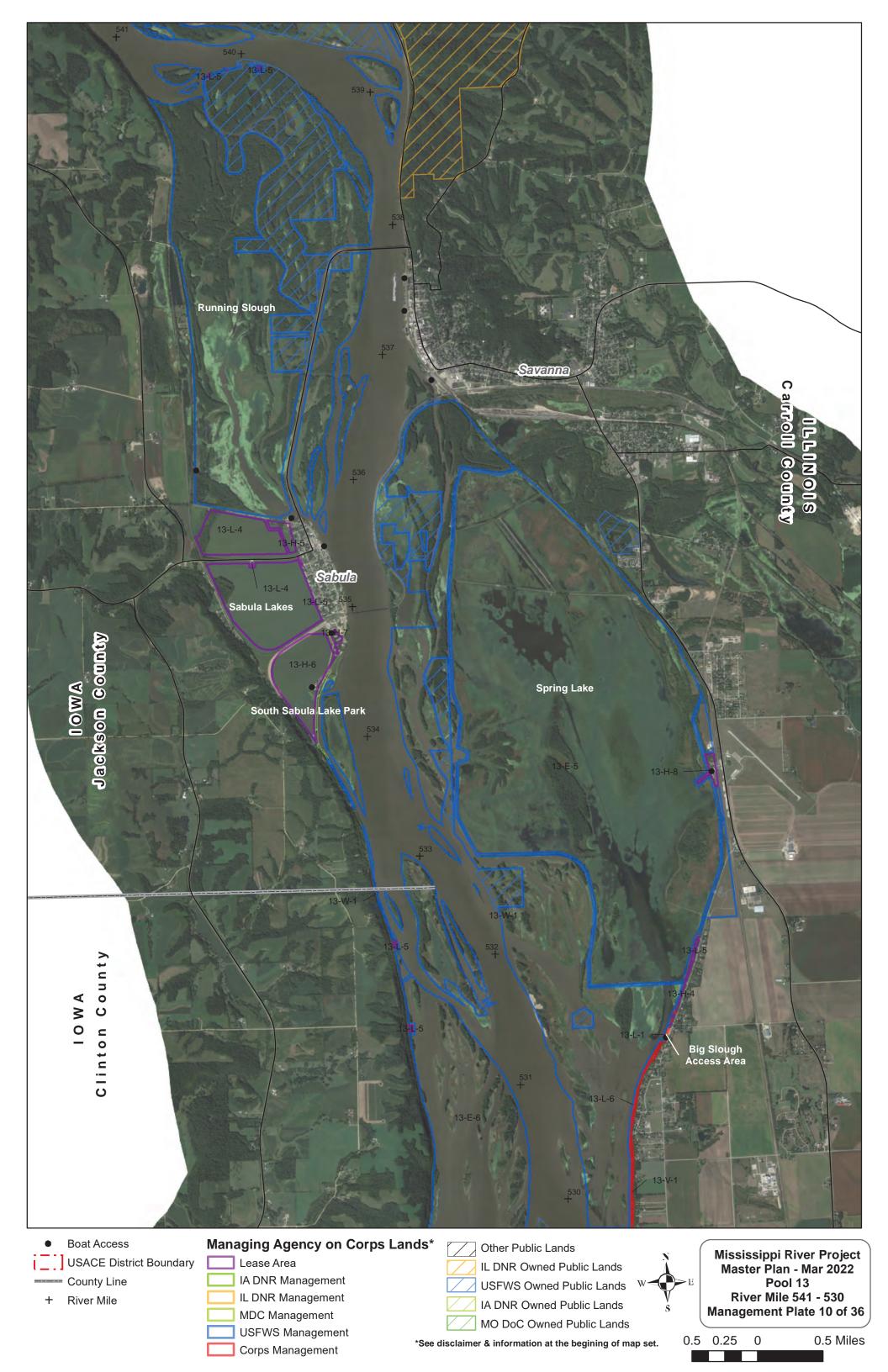


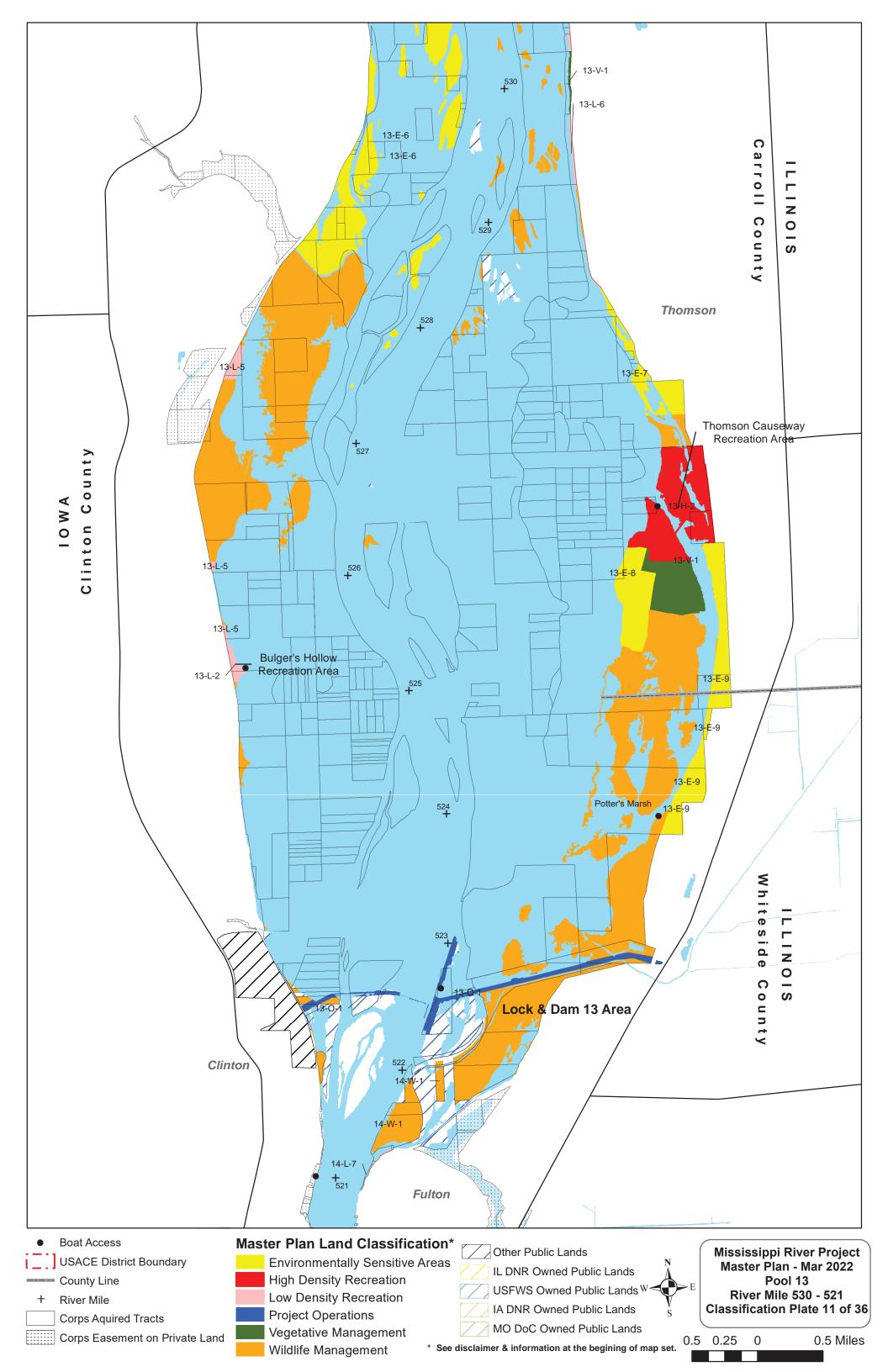


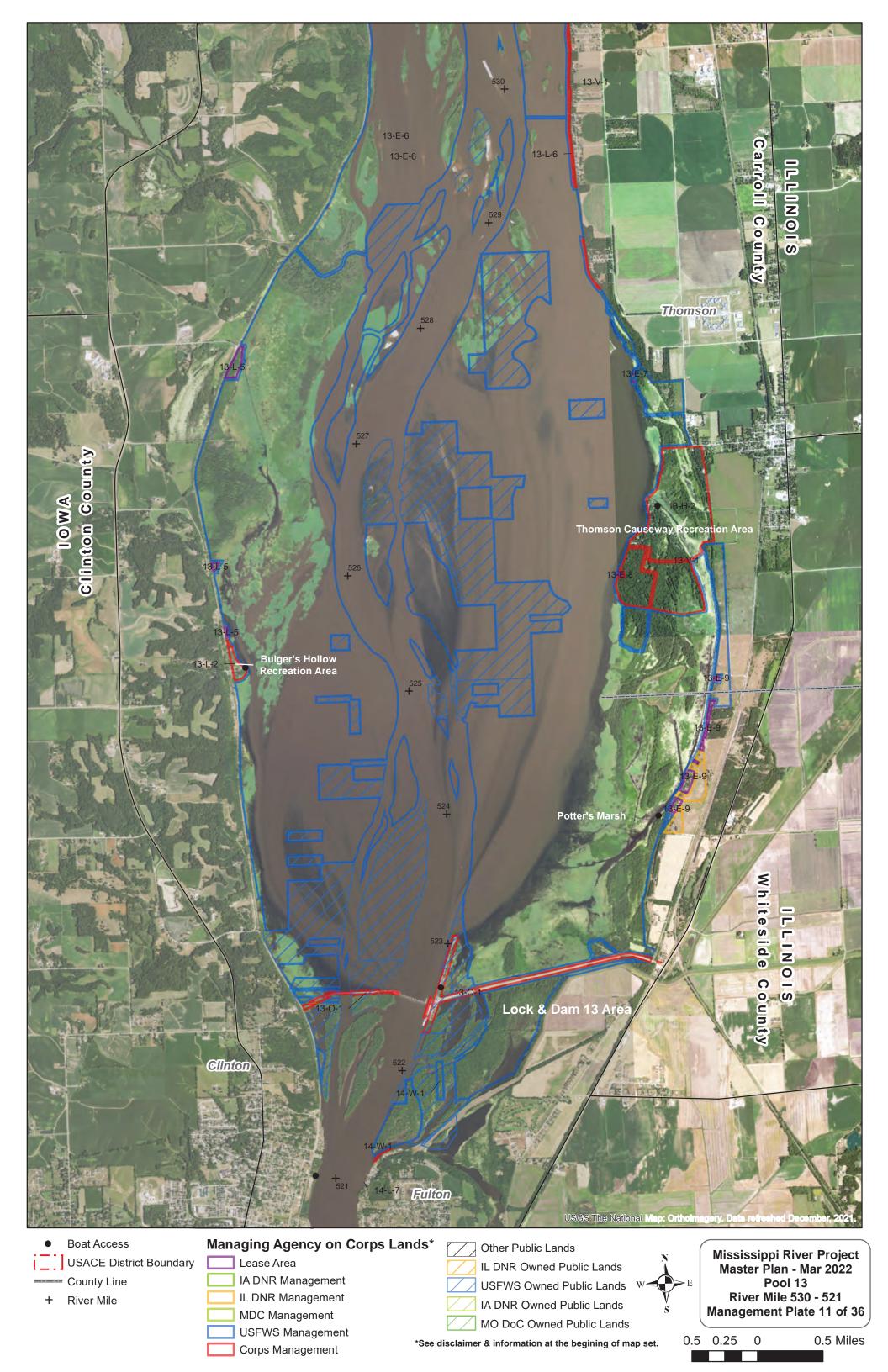


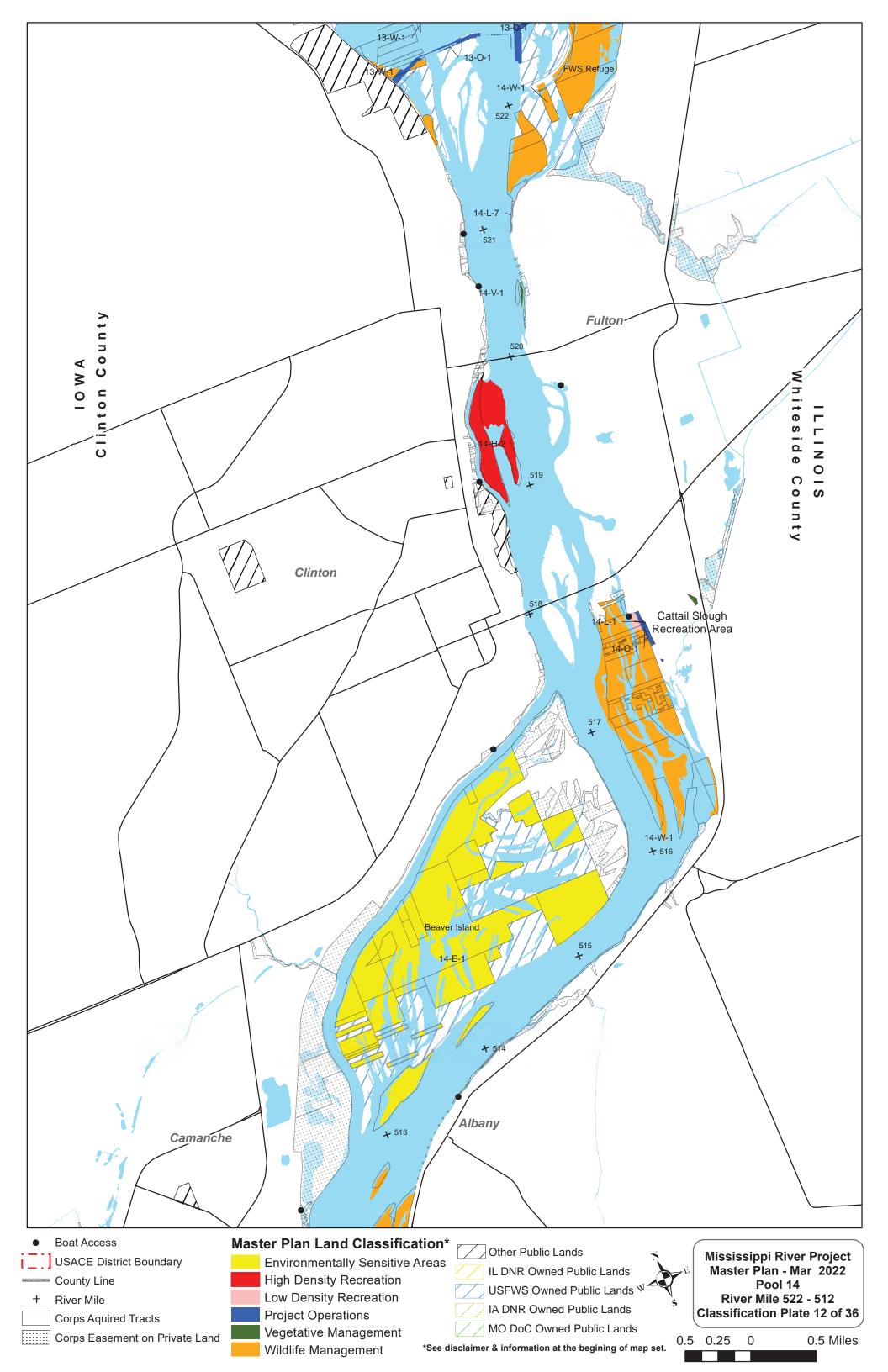


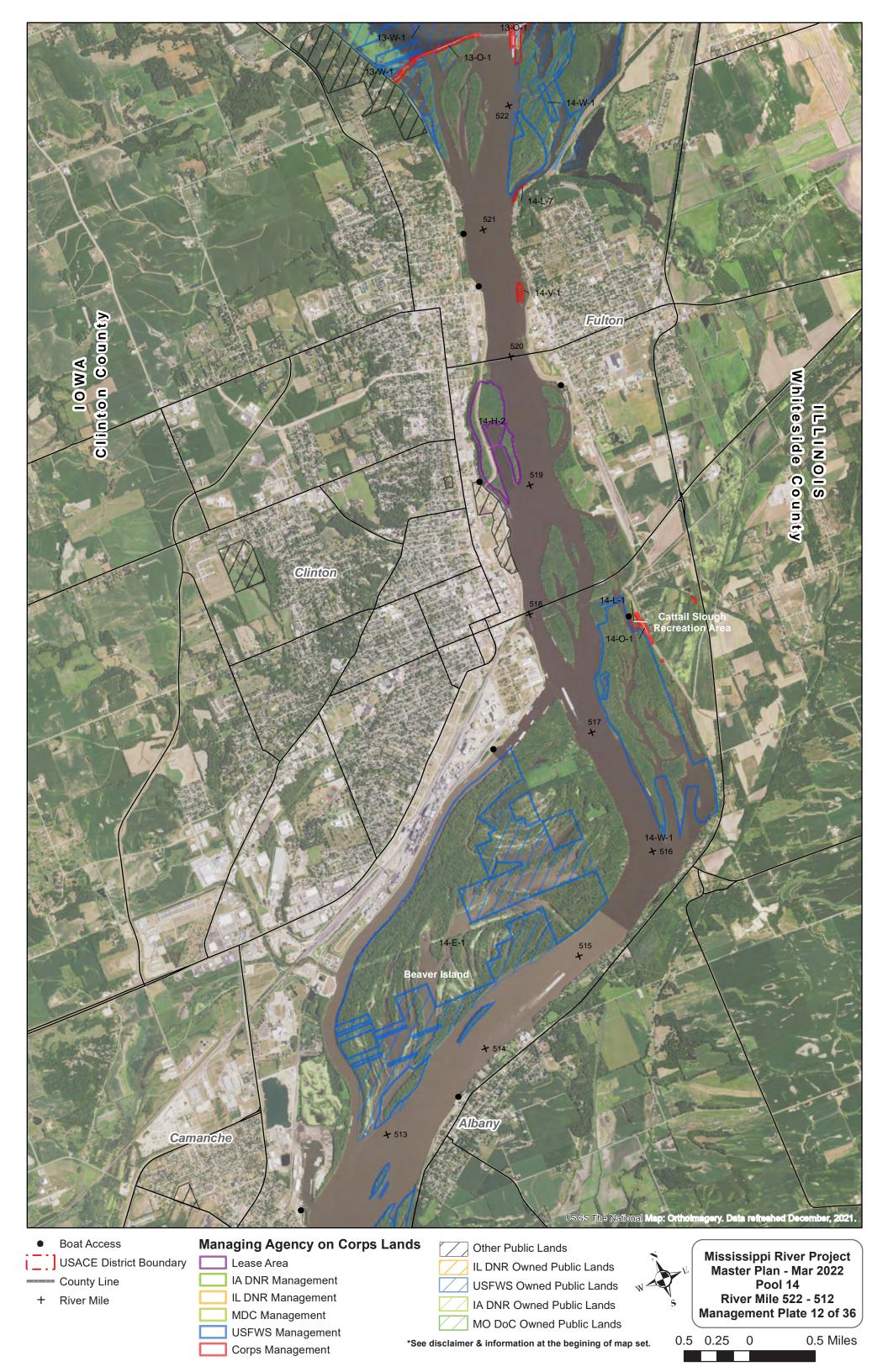


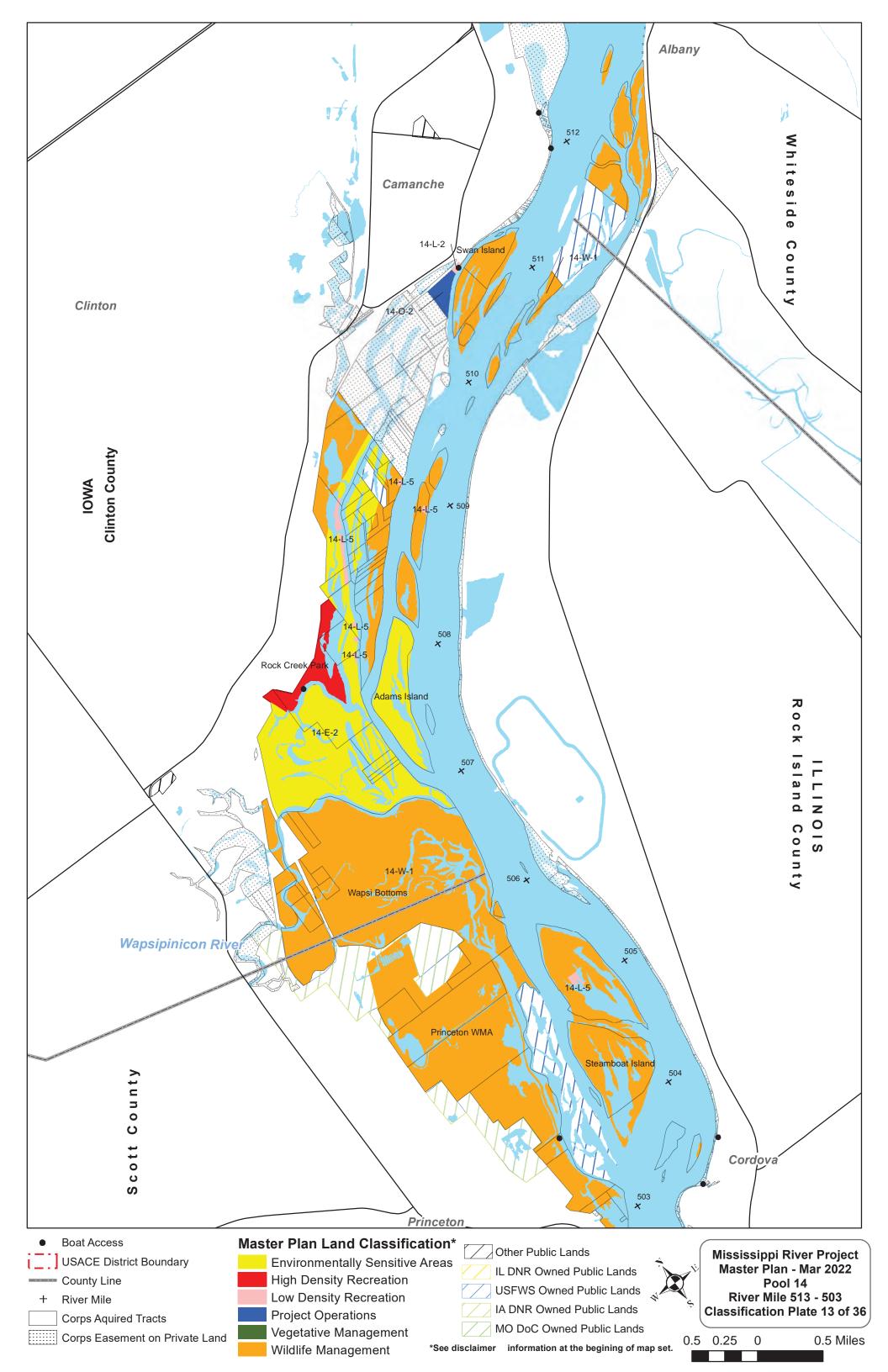


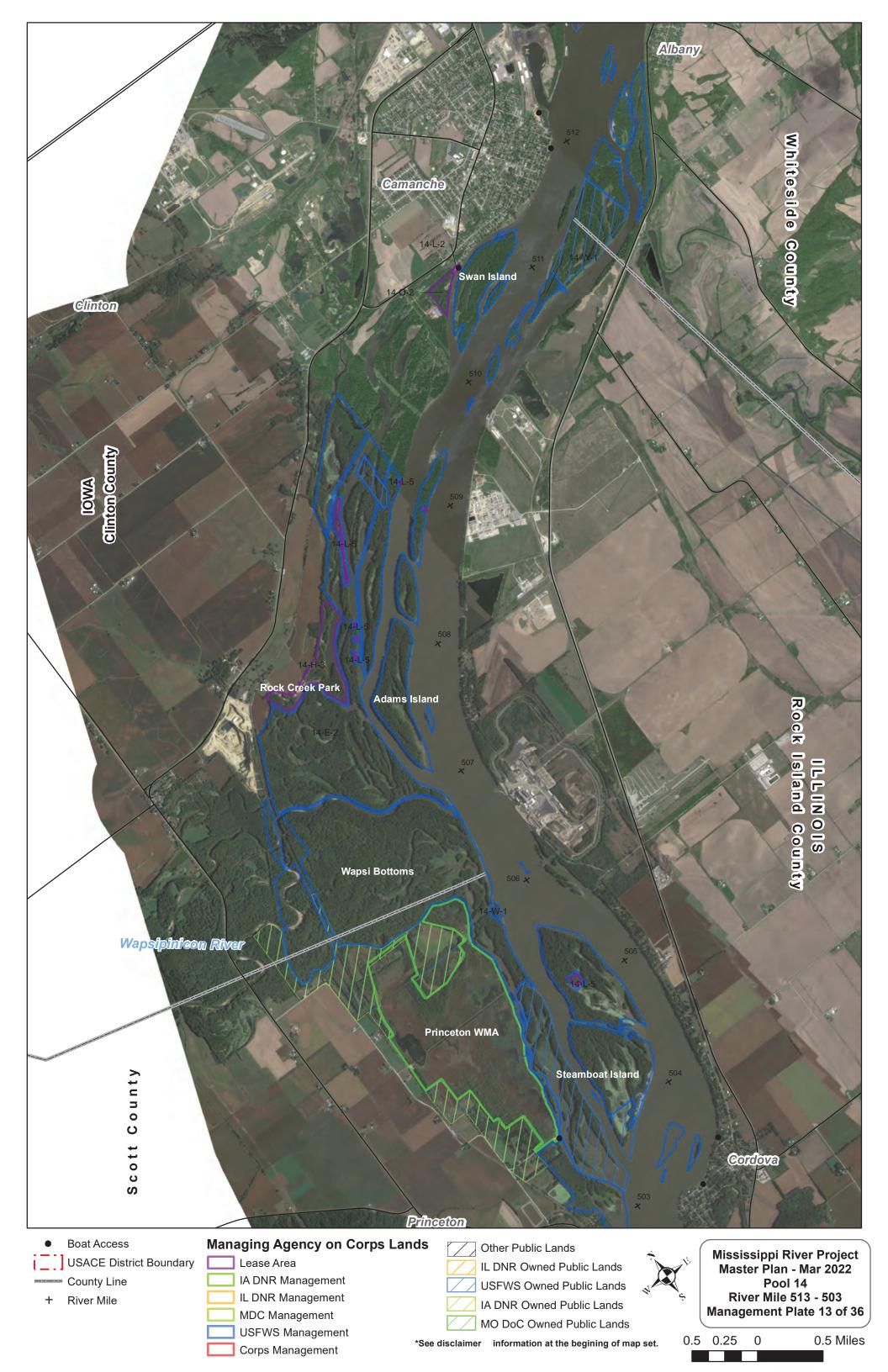


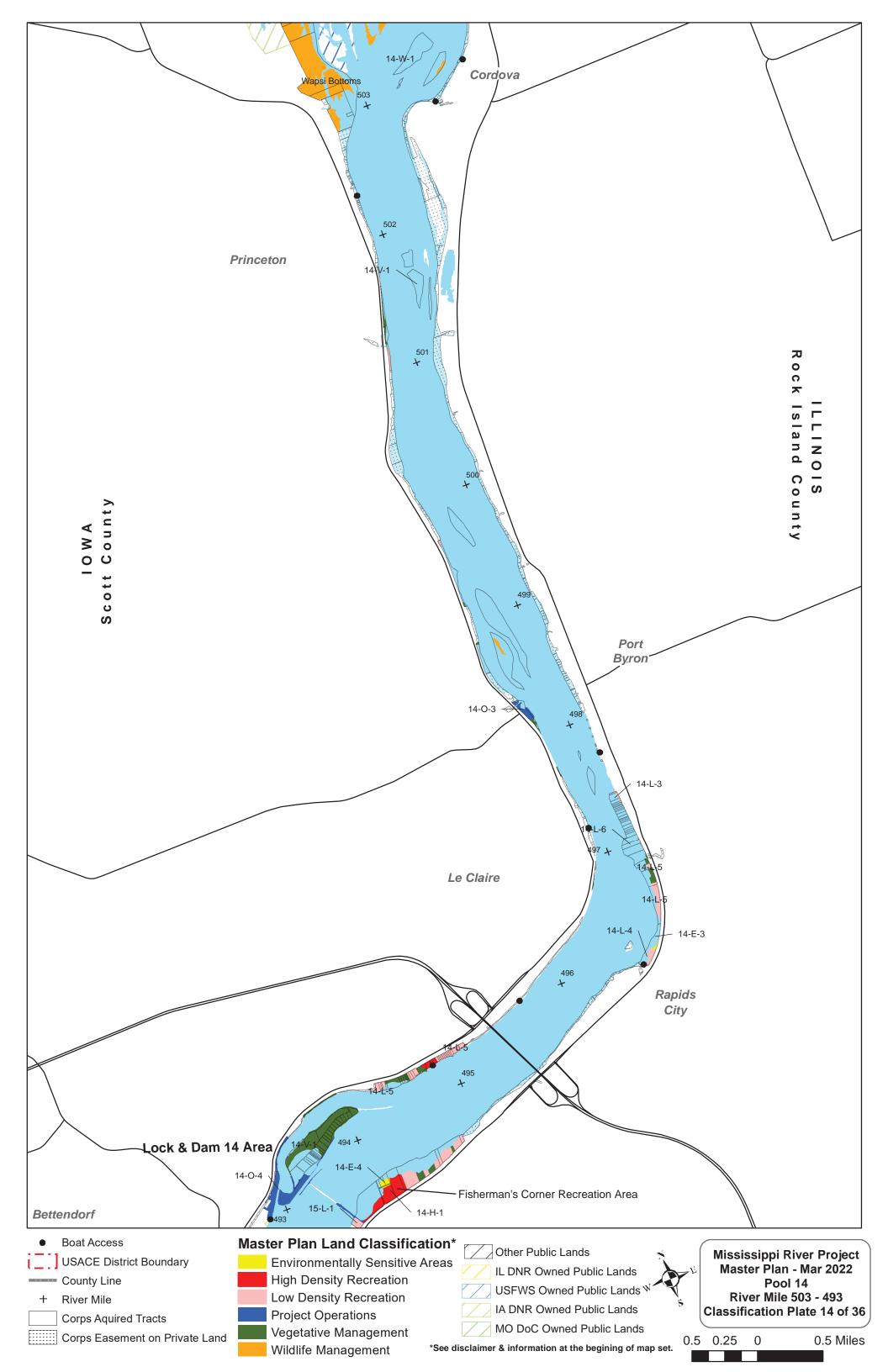


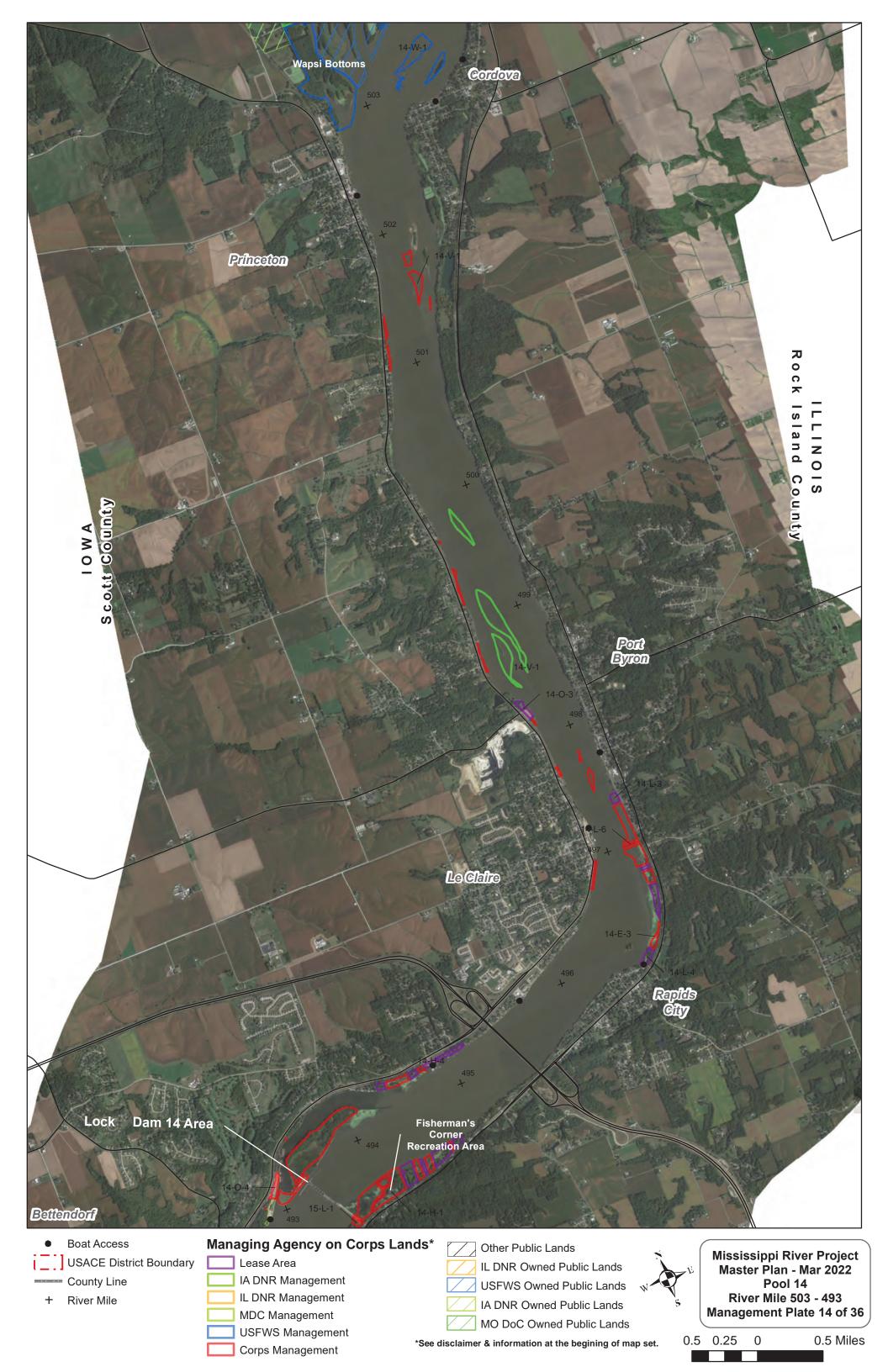


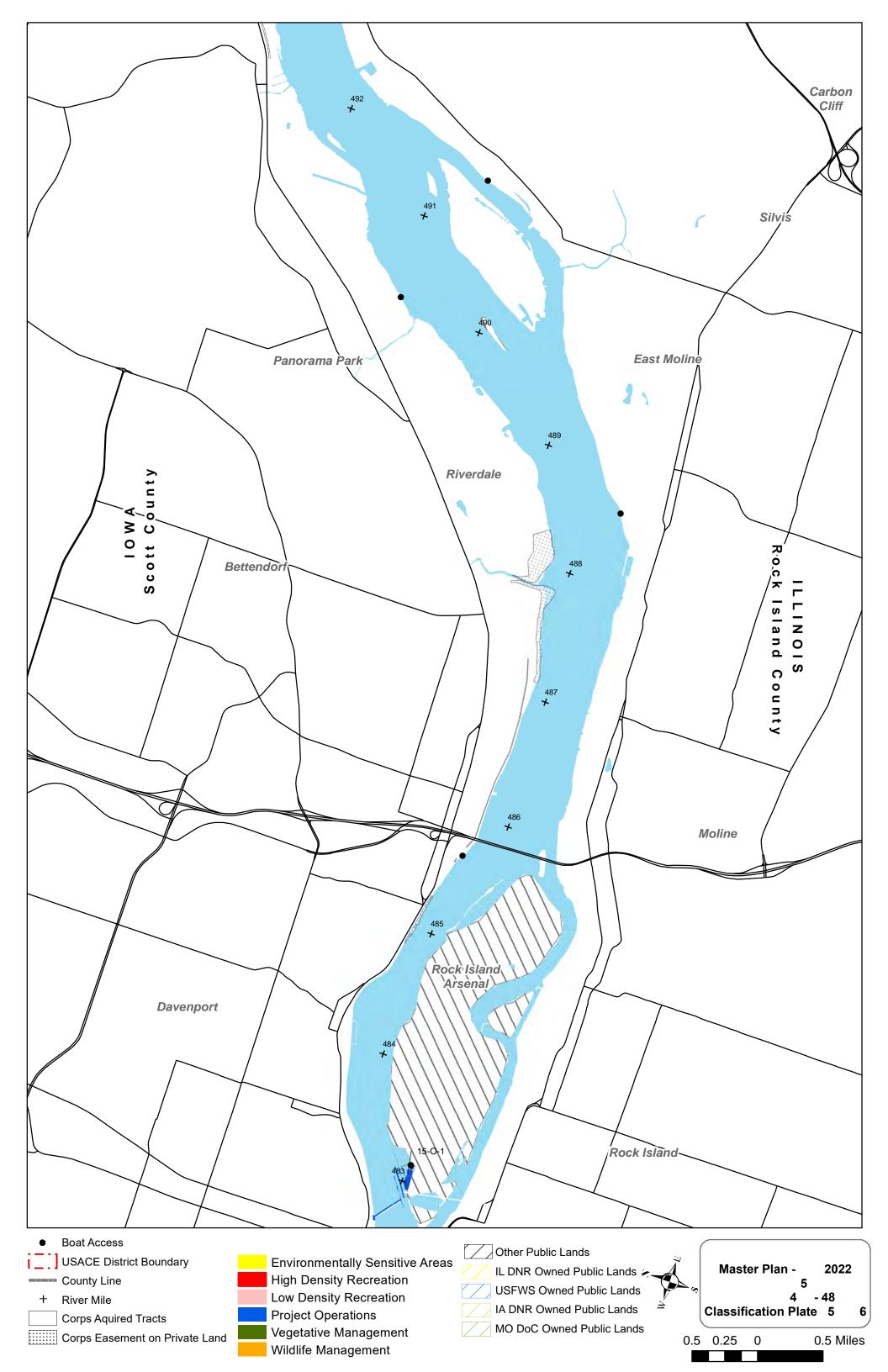




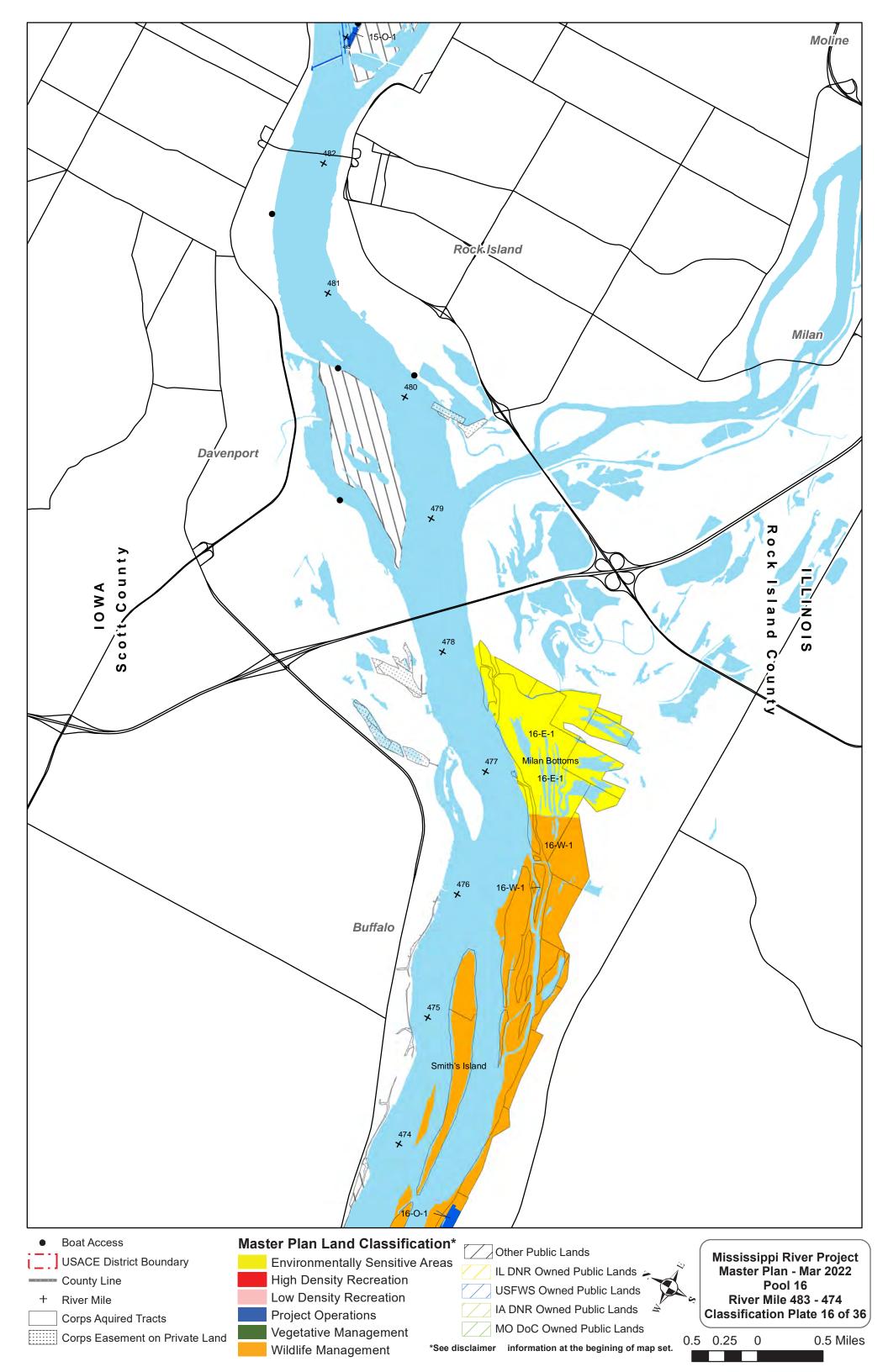




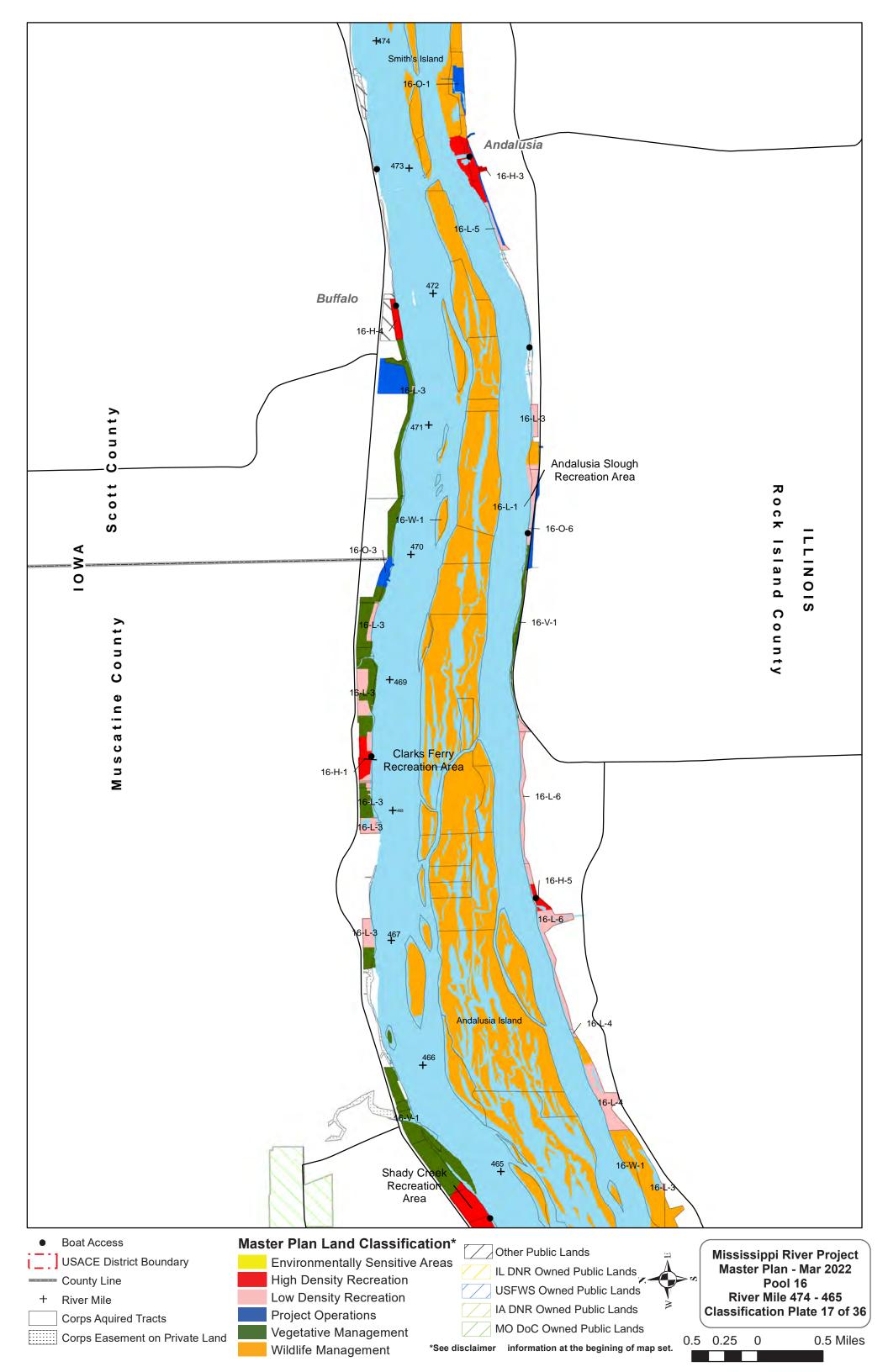


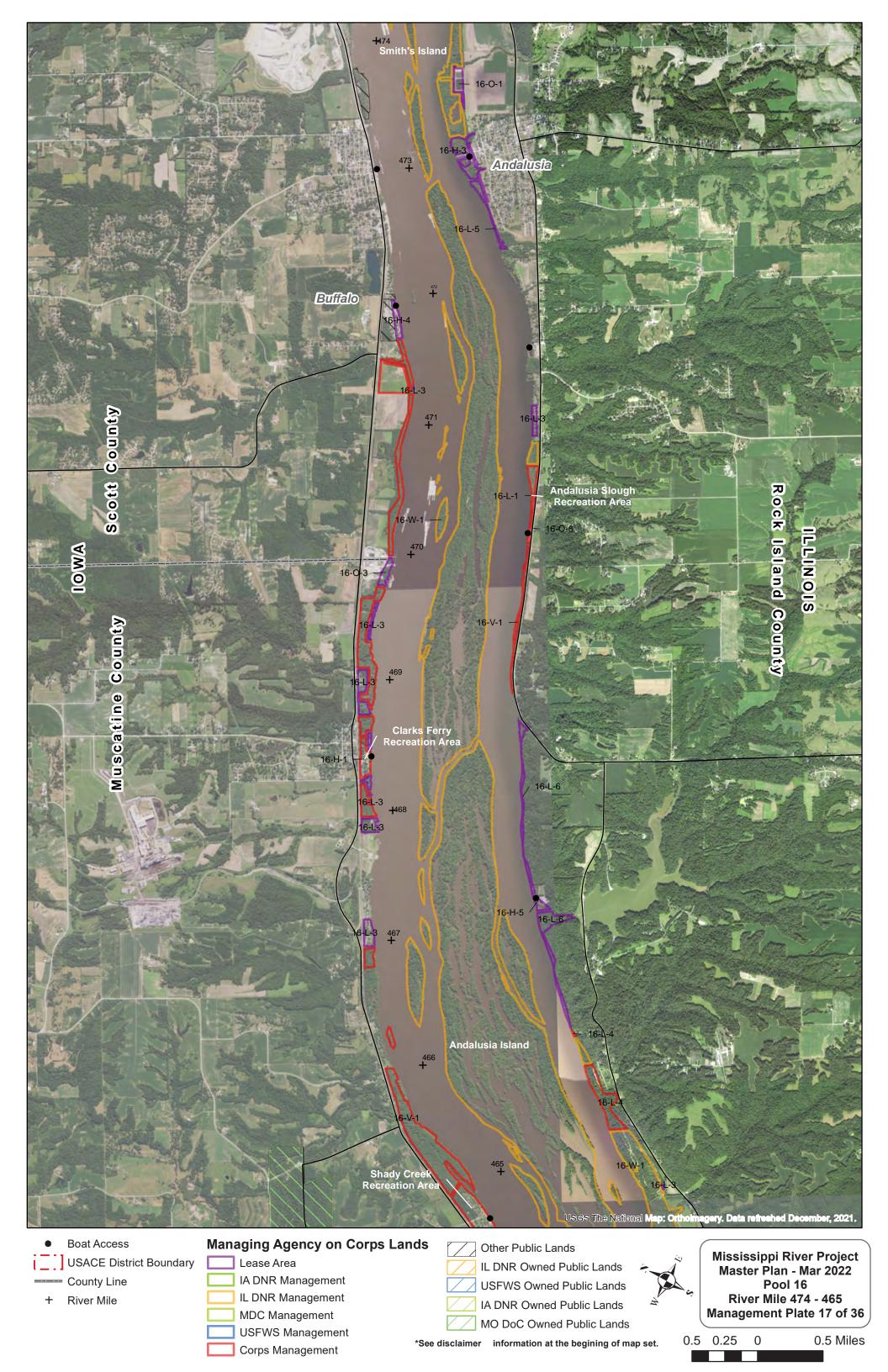


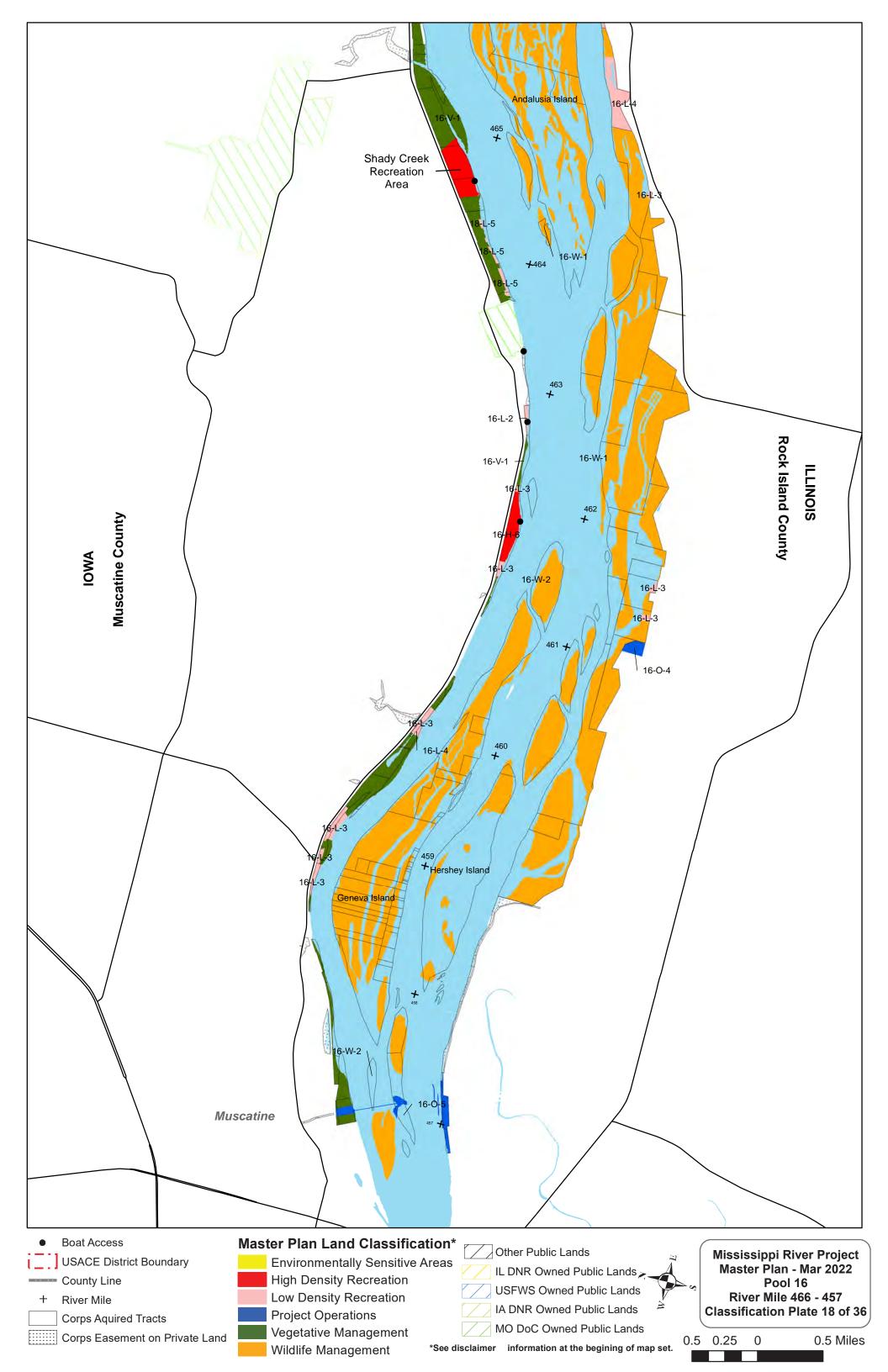


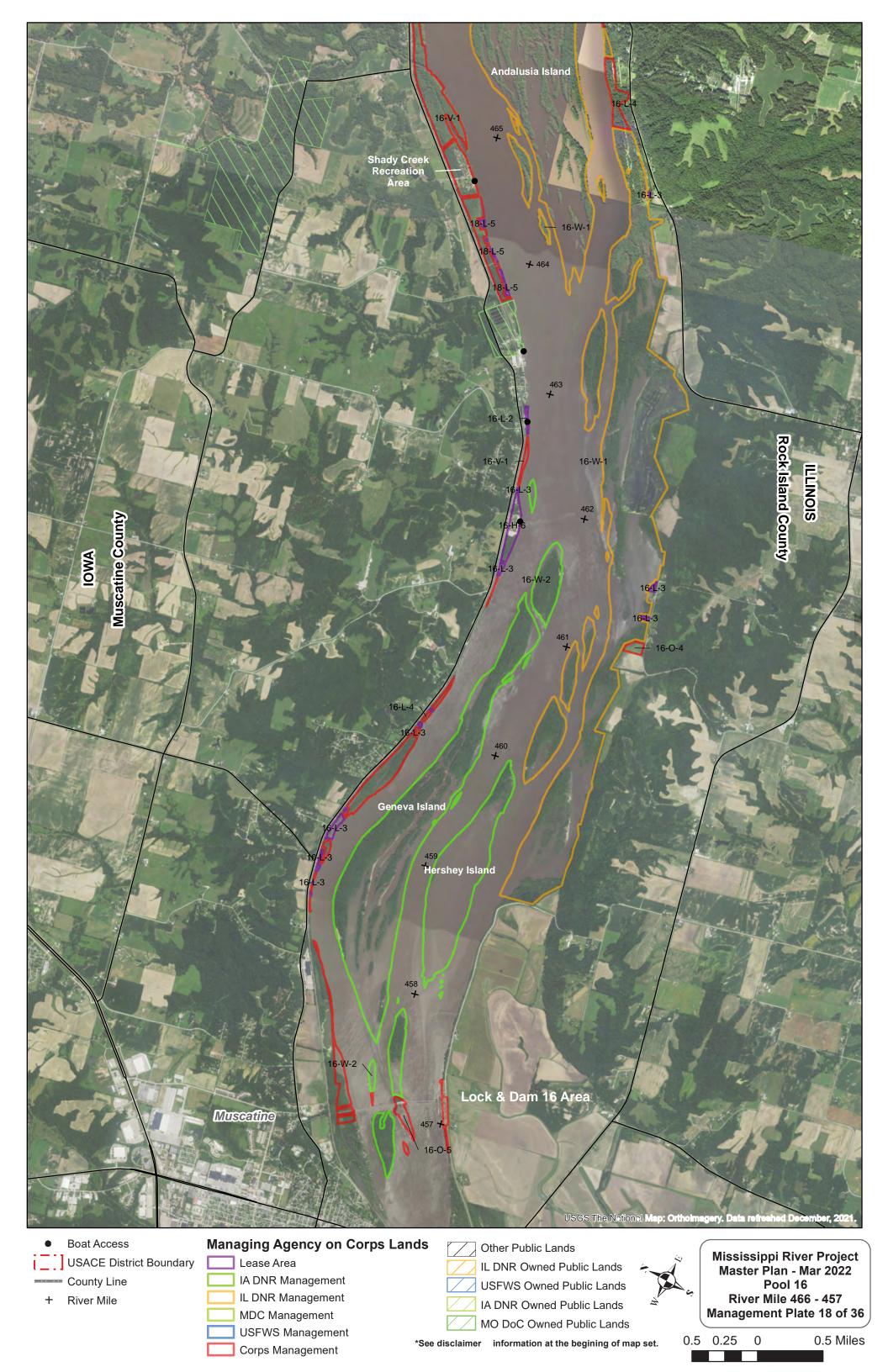


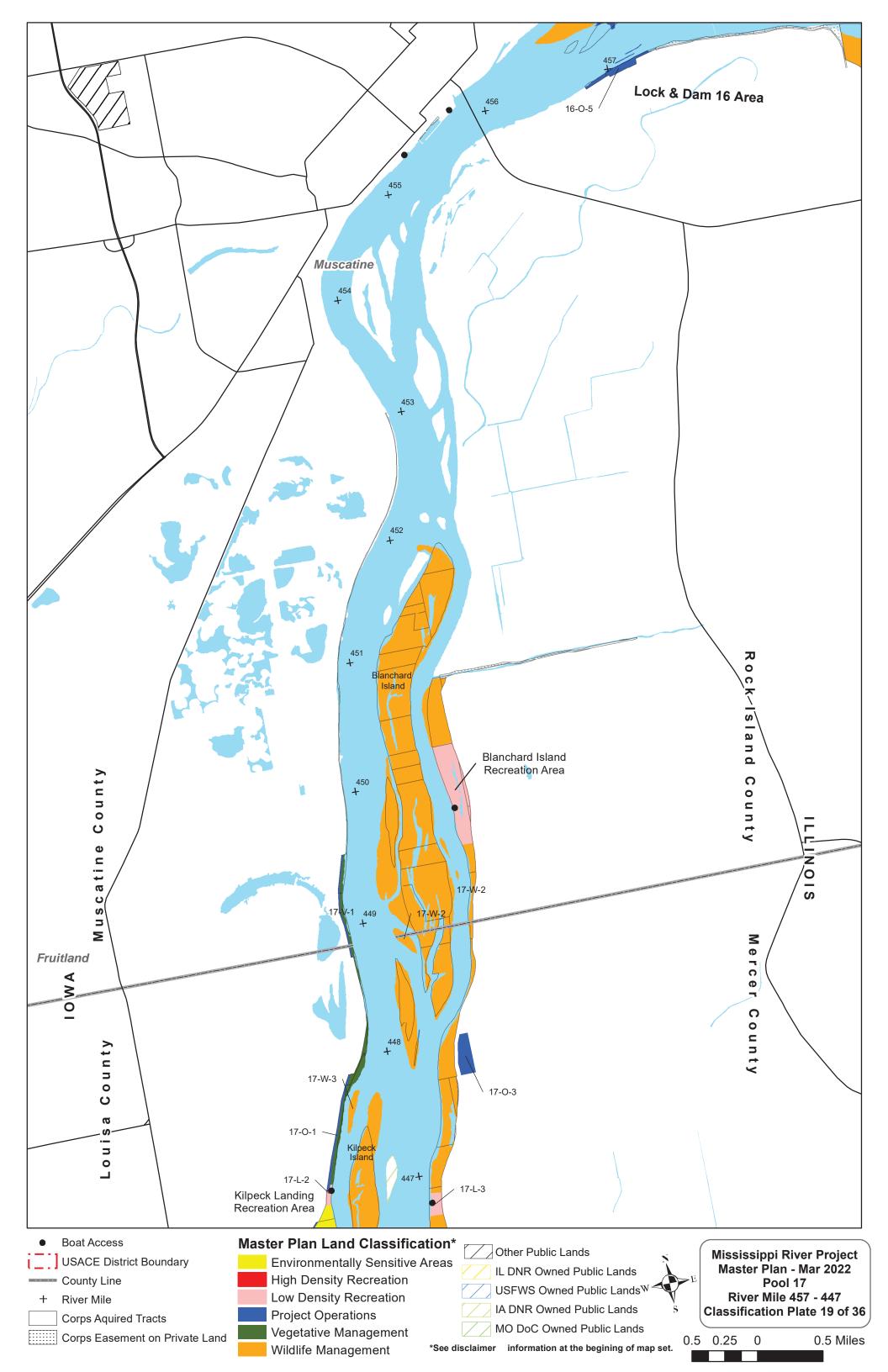


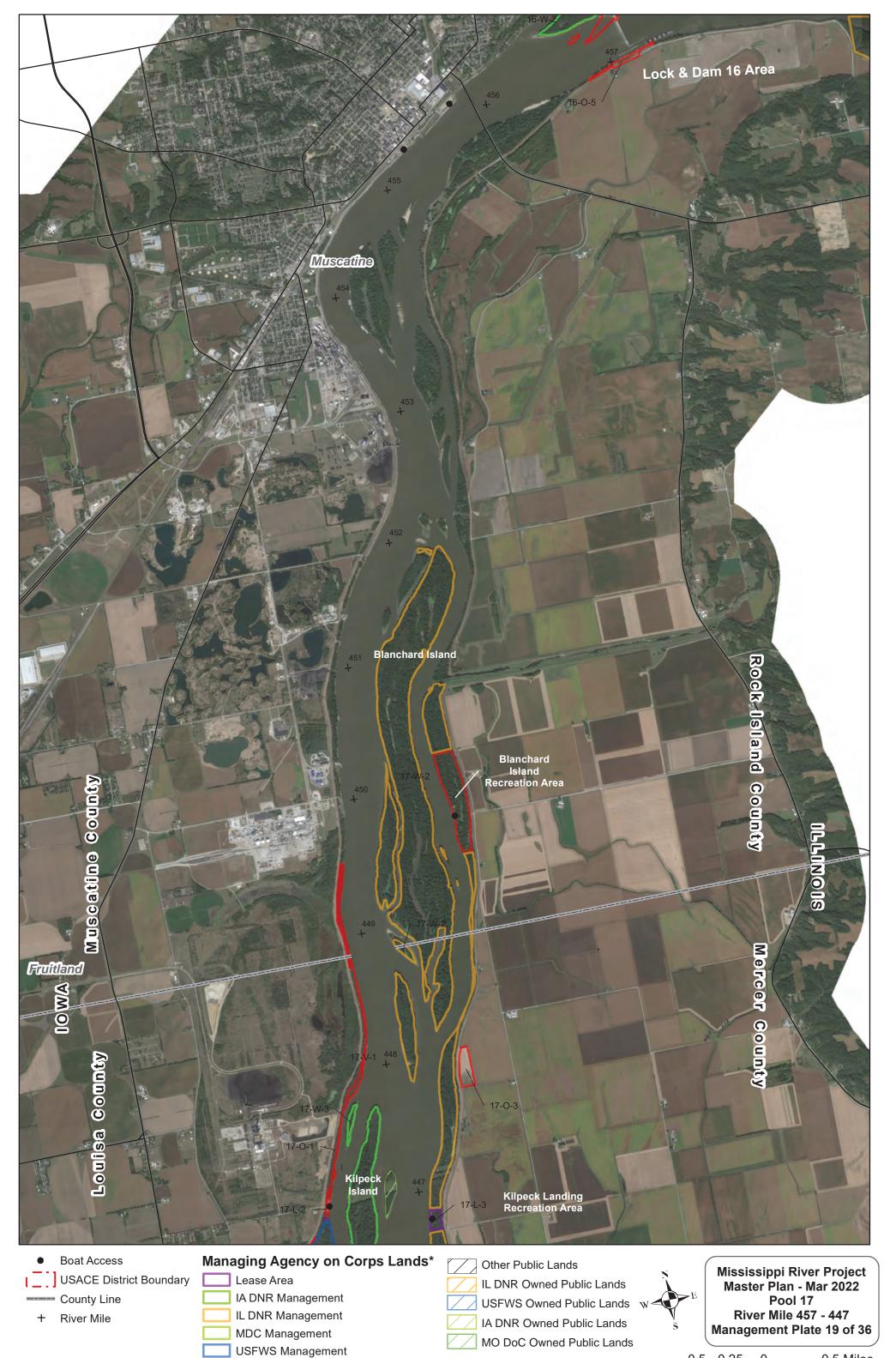






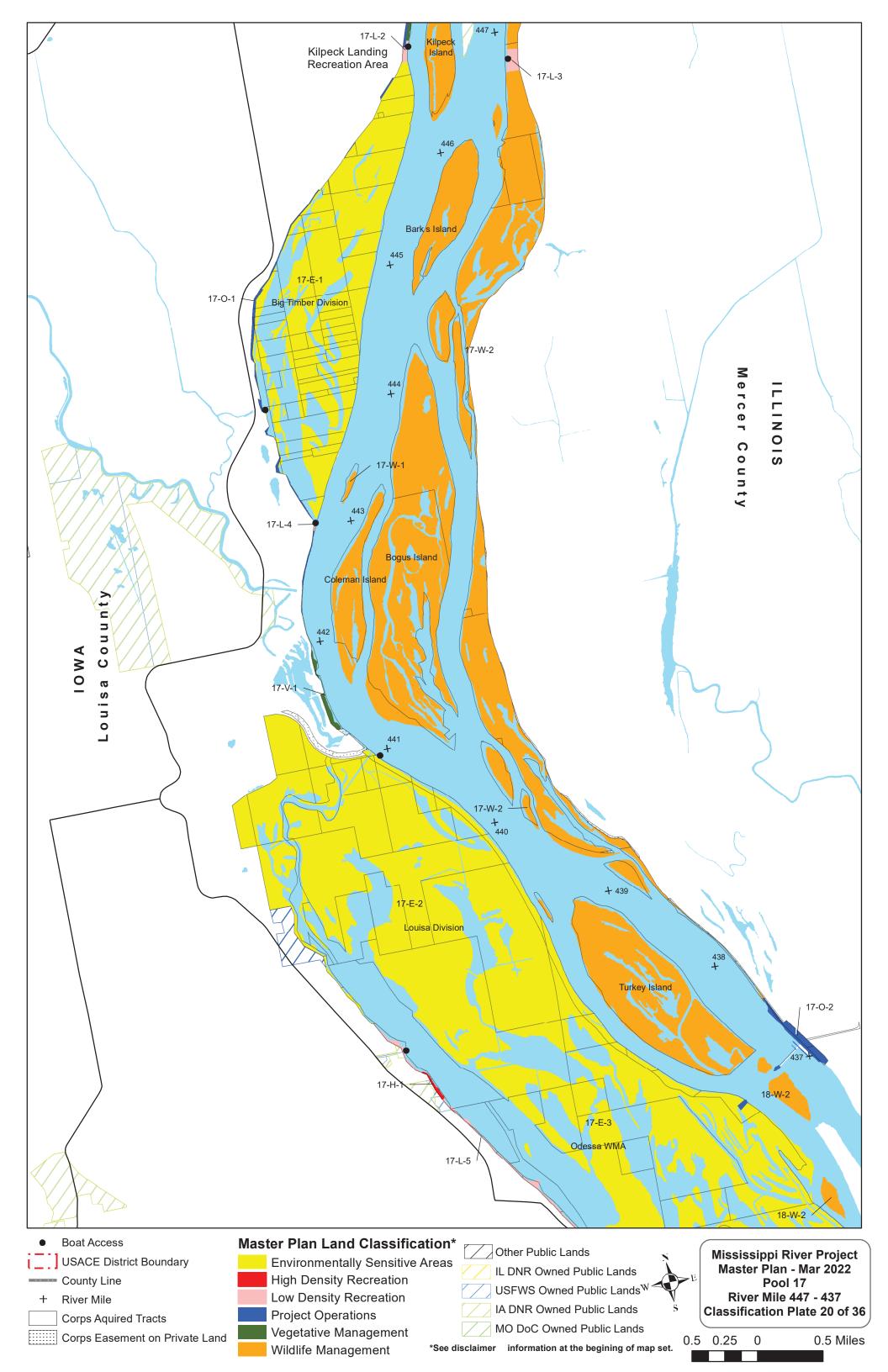


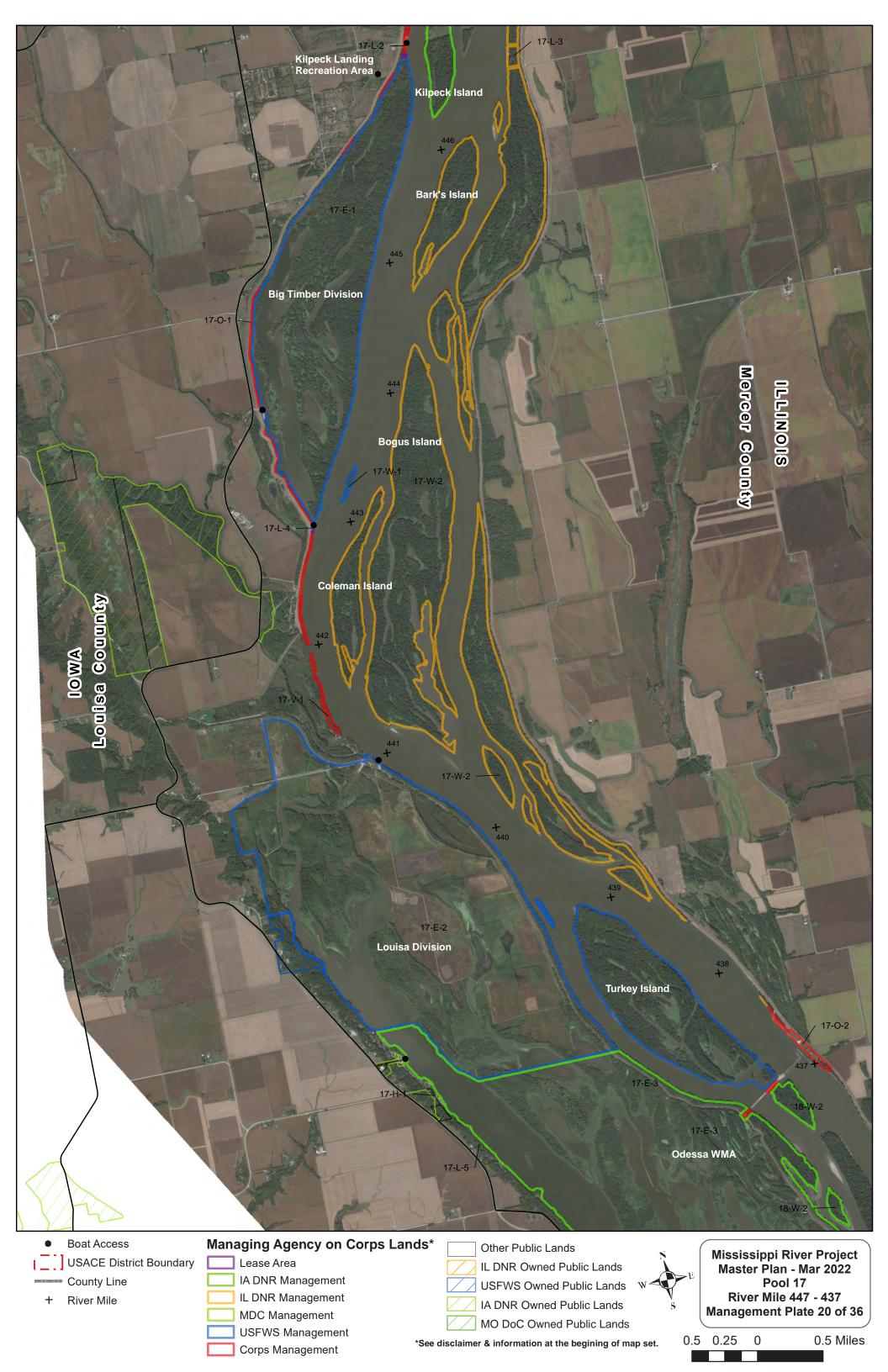


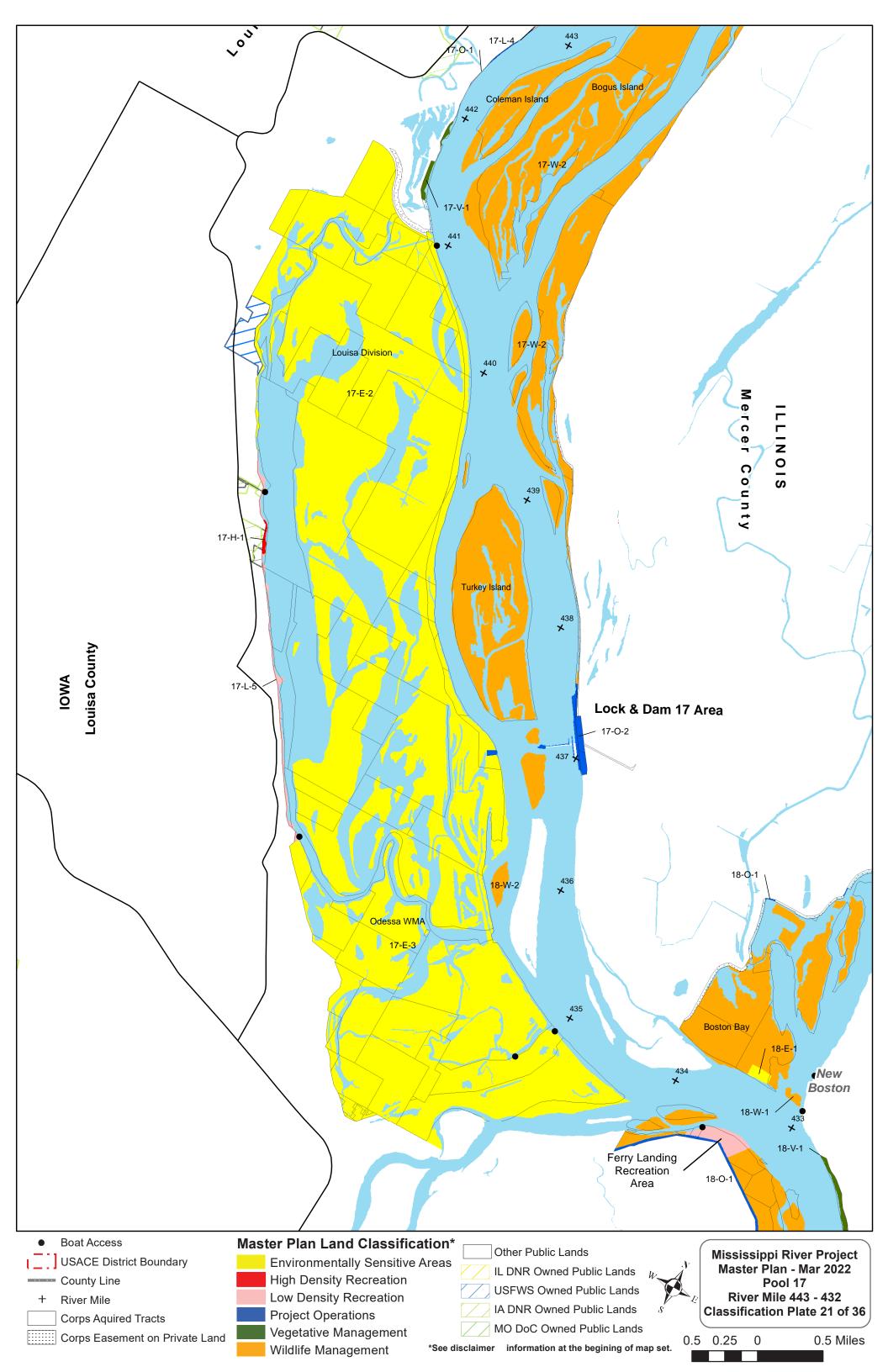


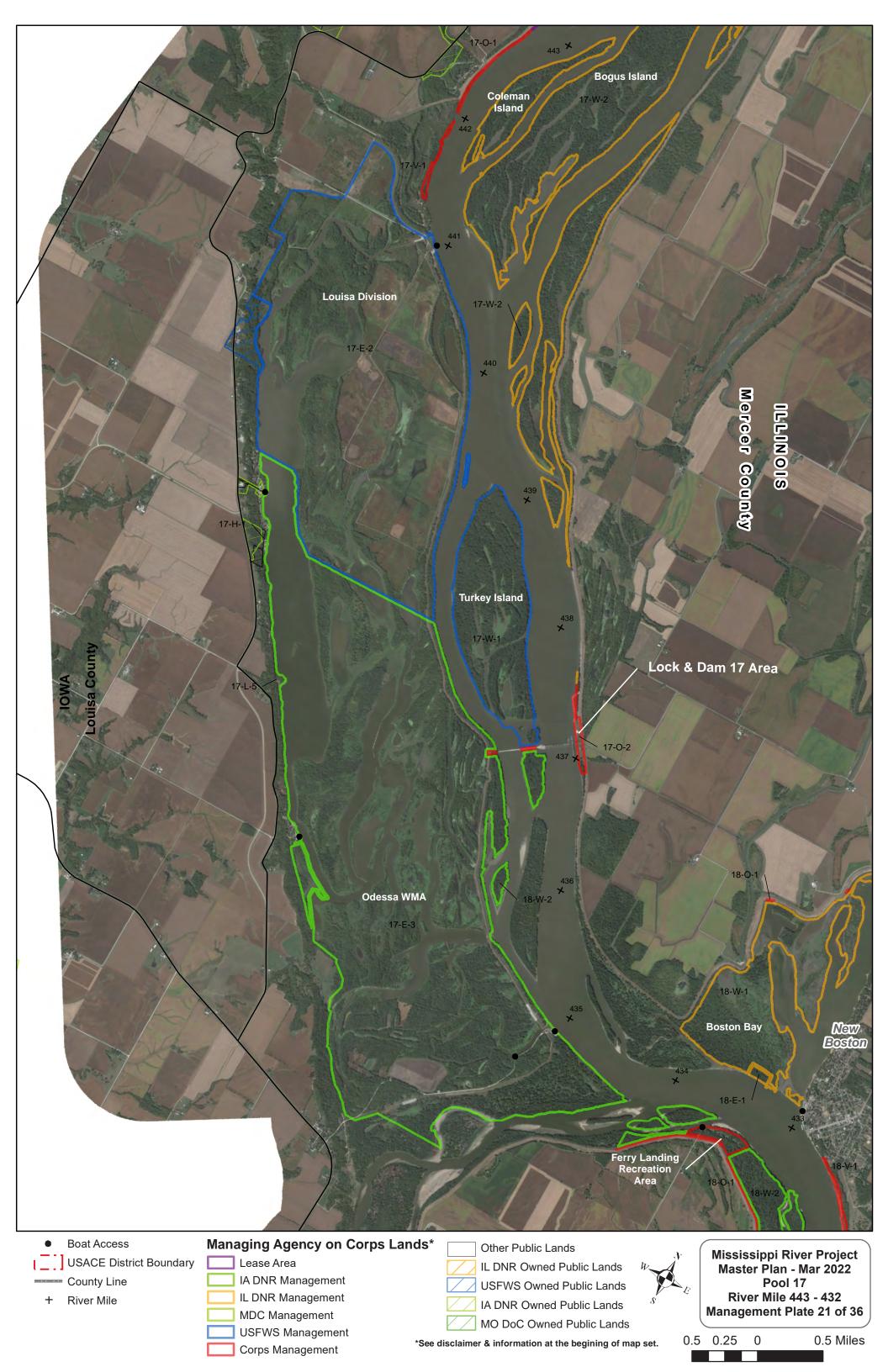
Corps Management

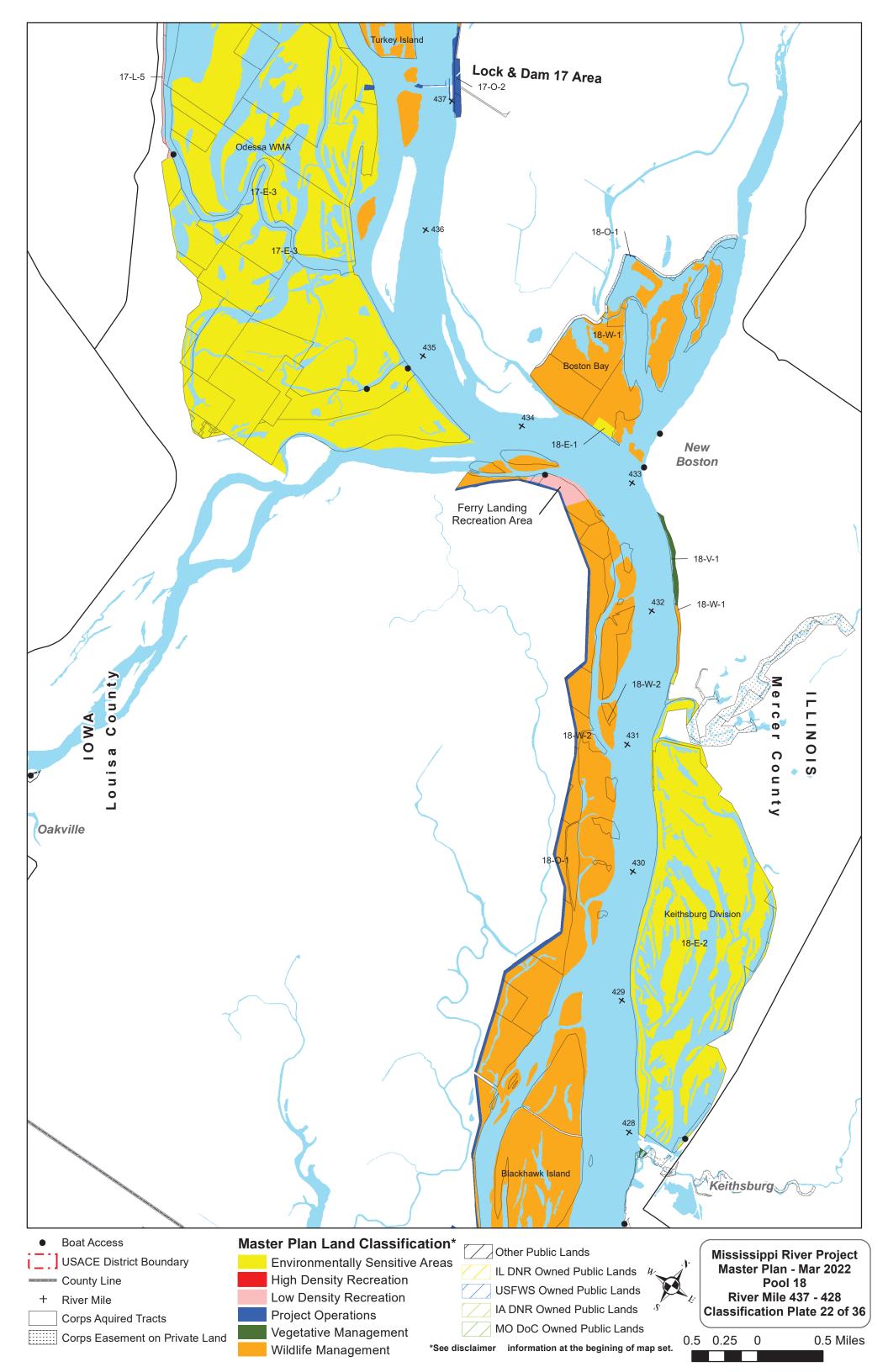
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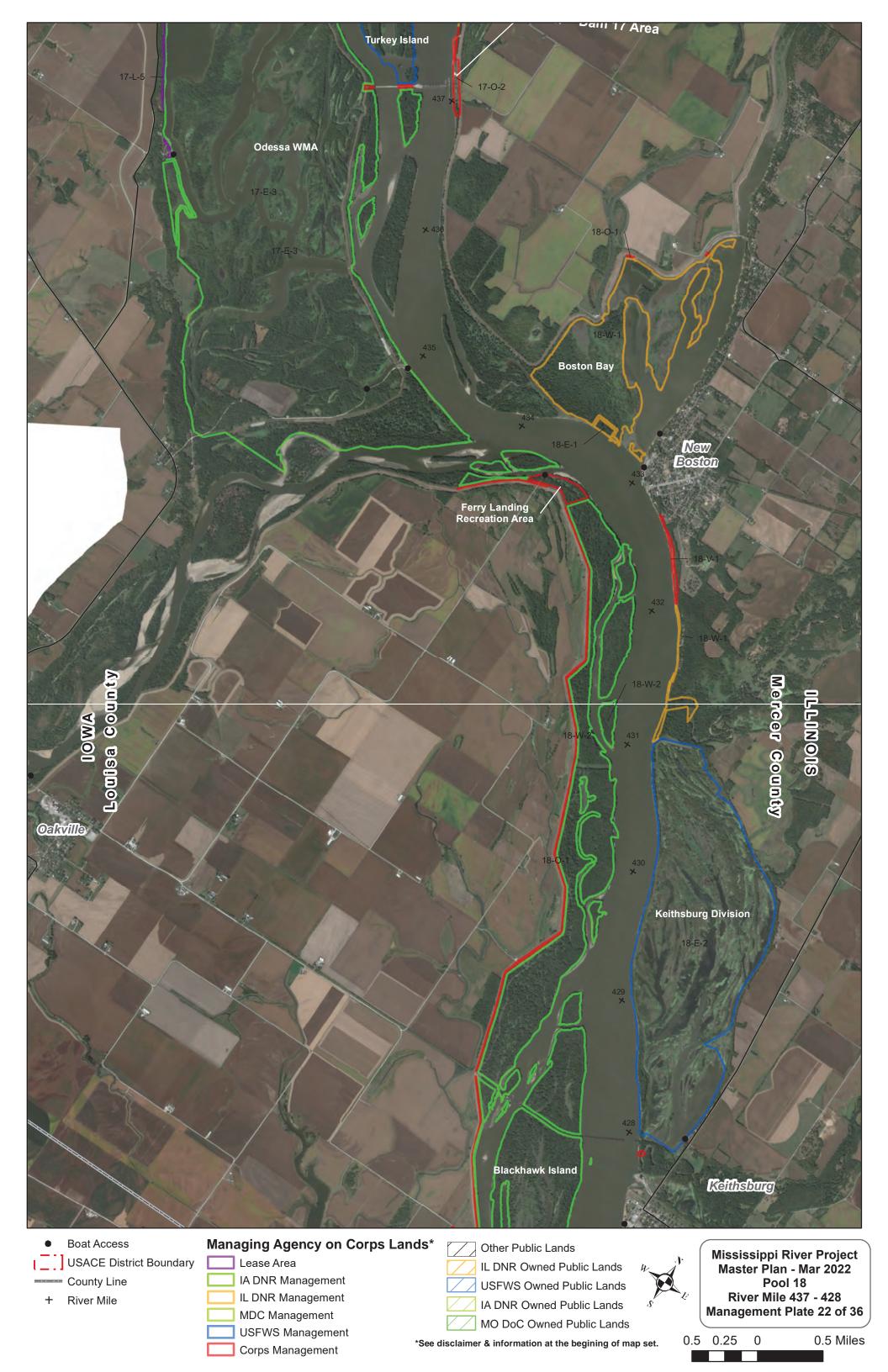


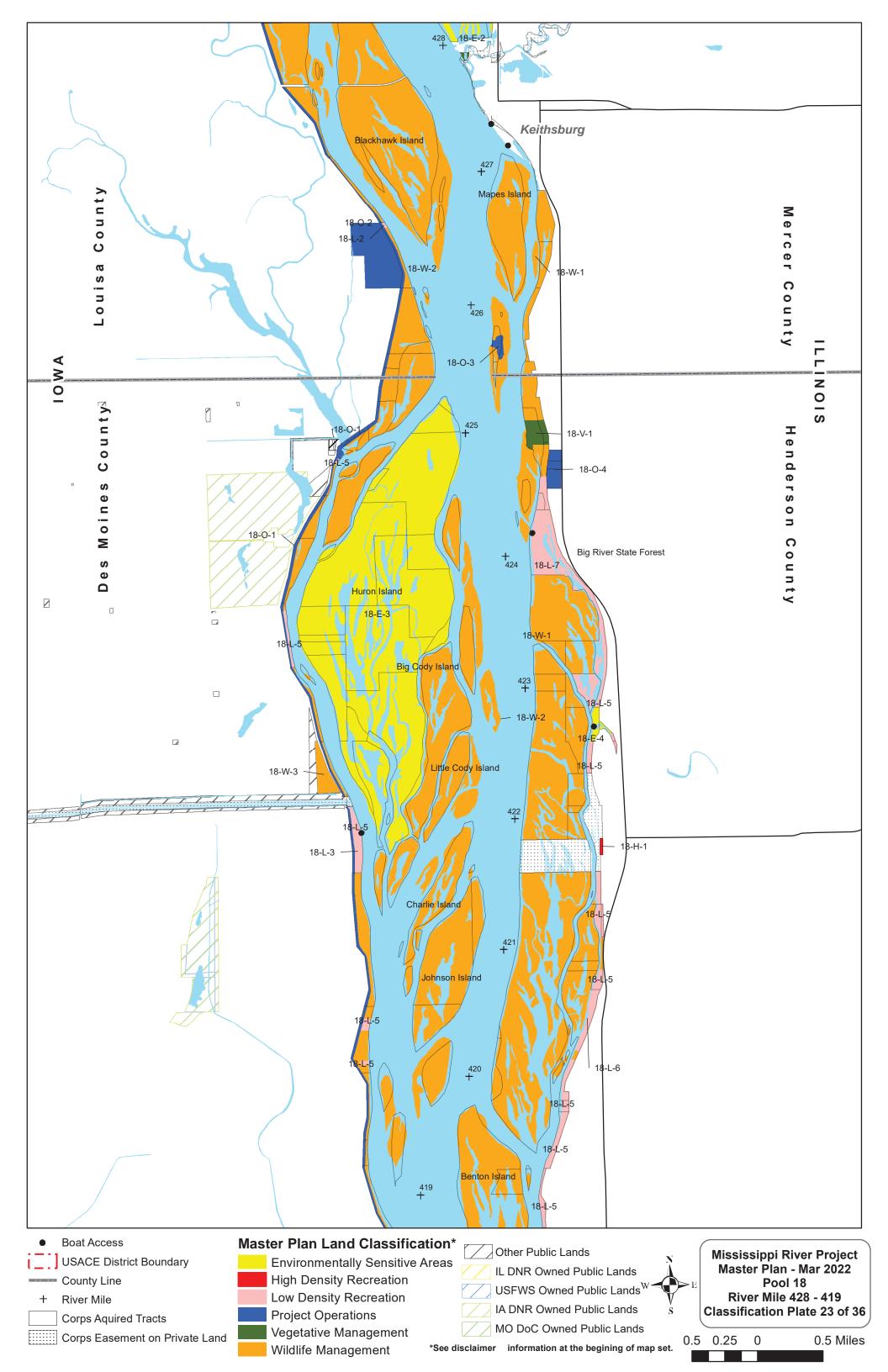


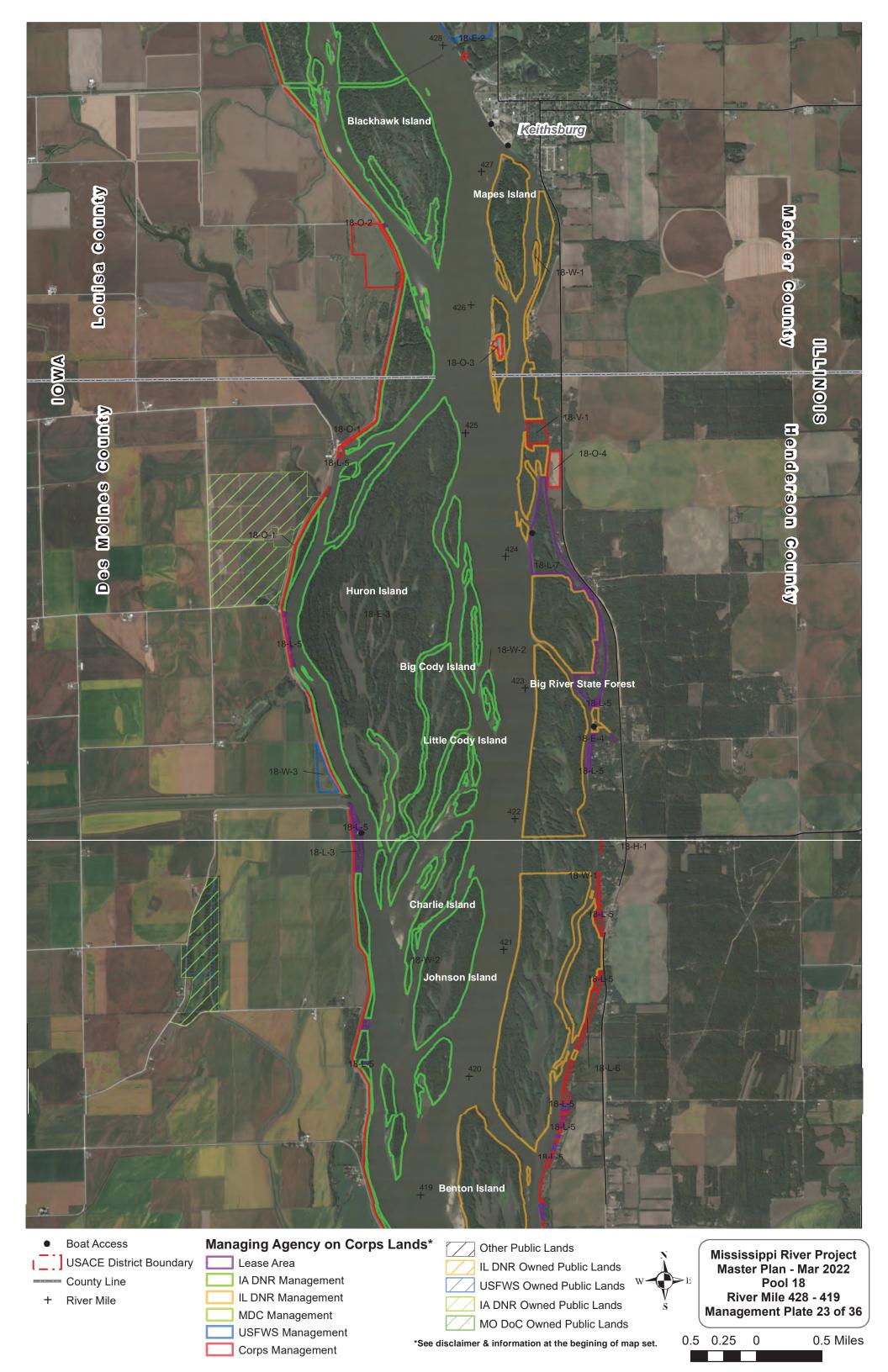


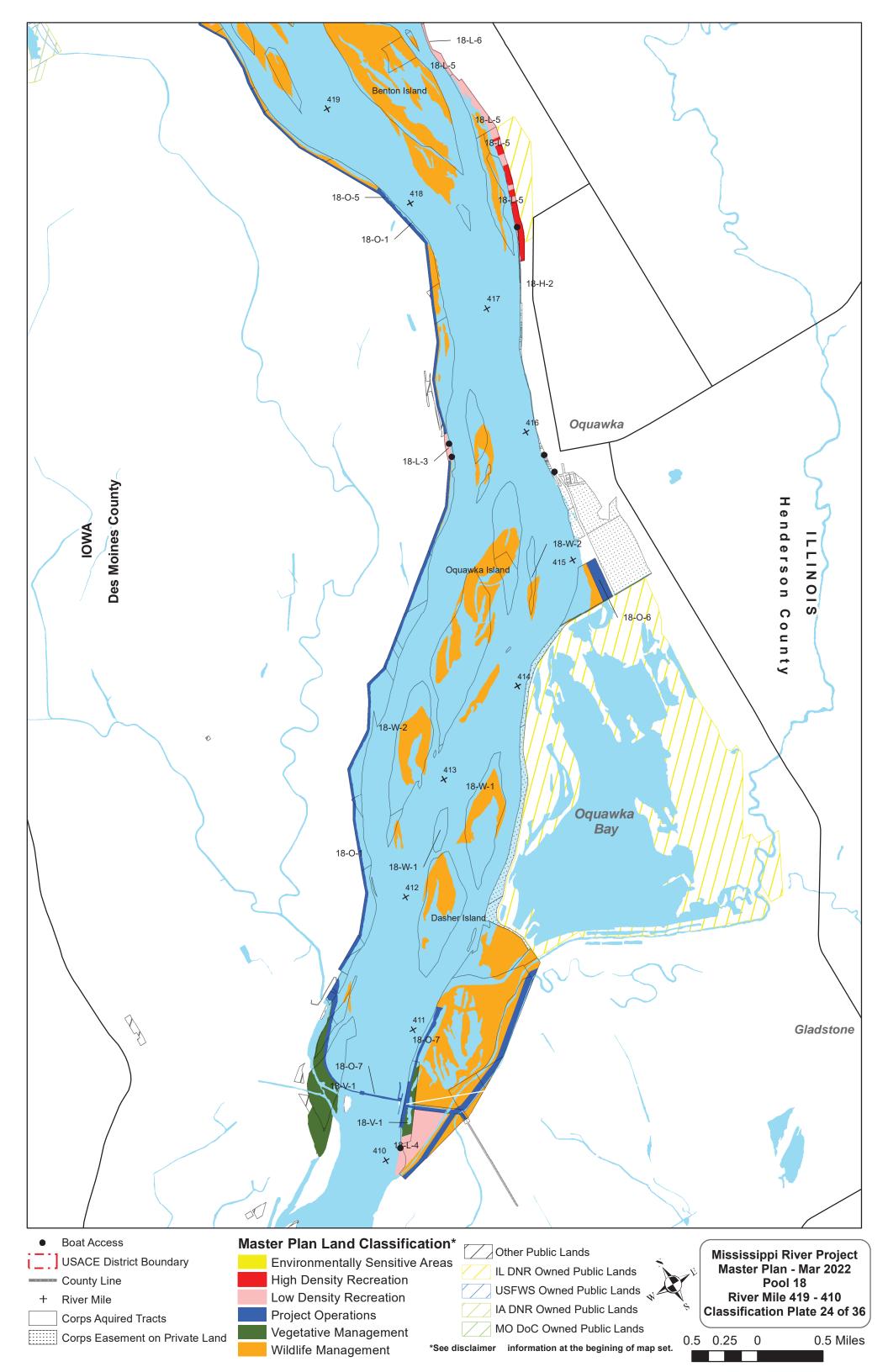


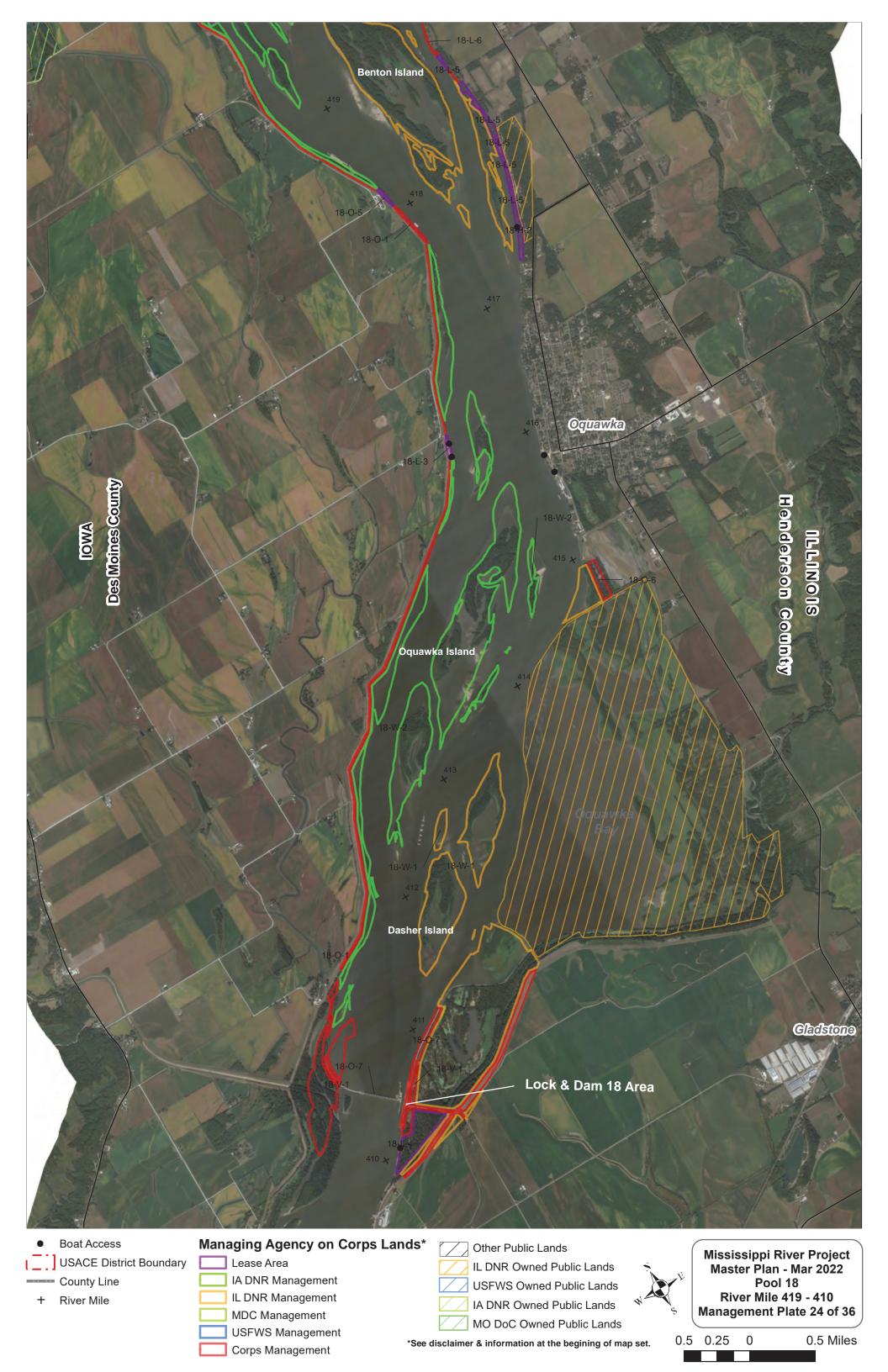


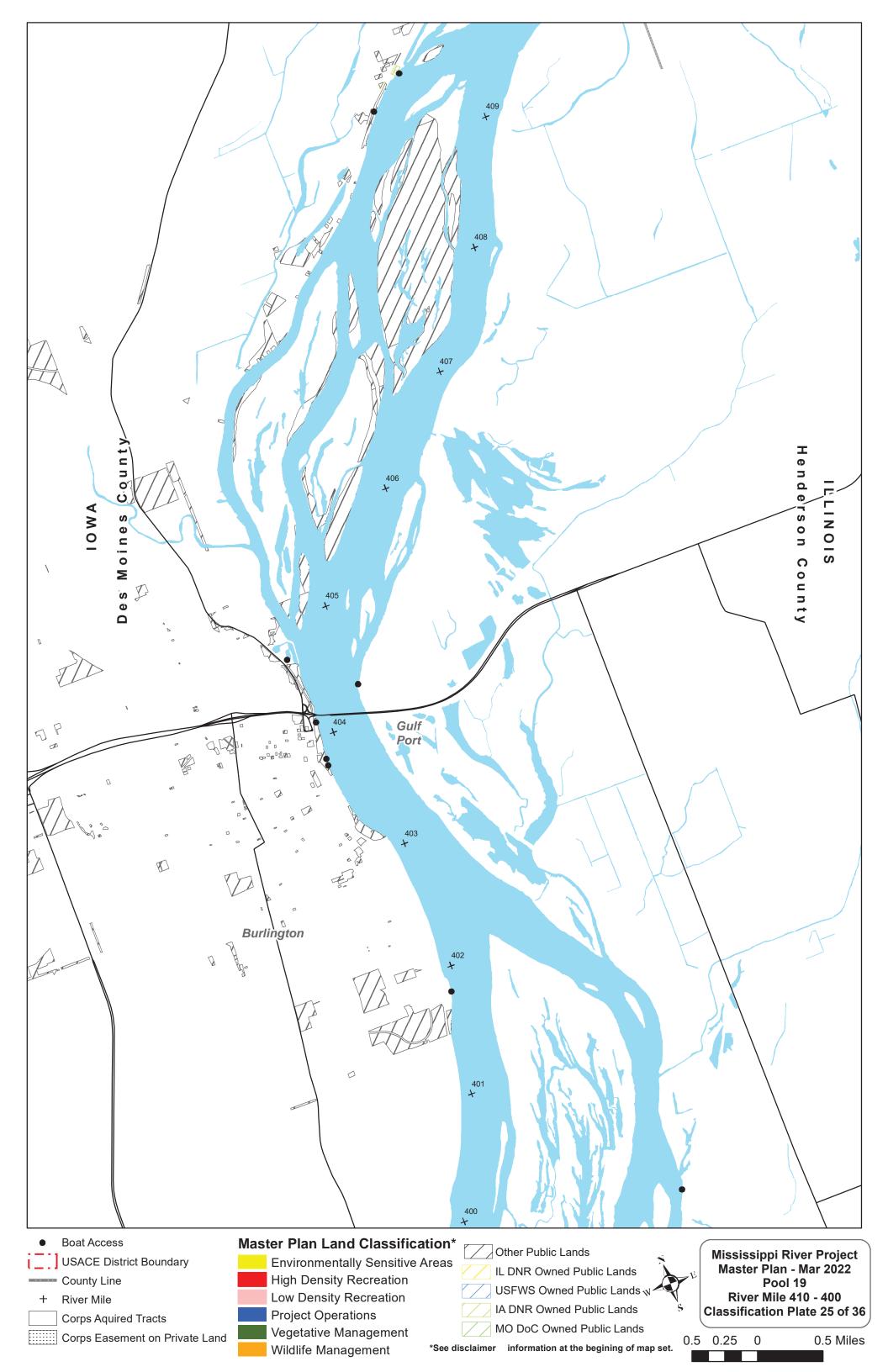




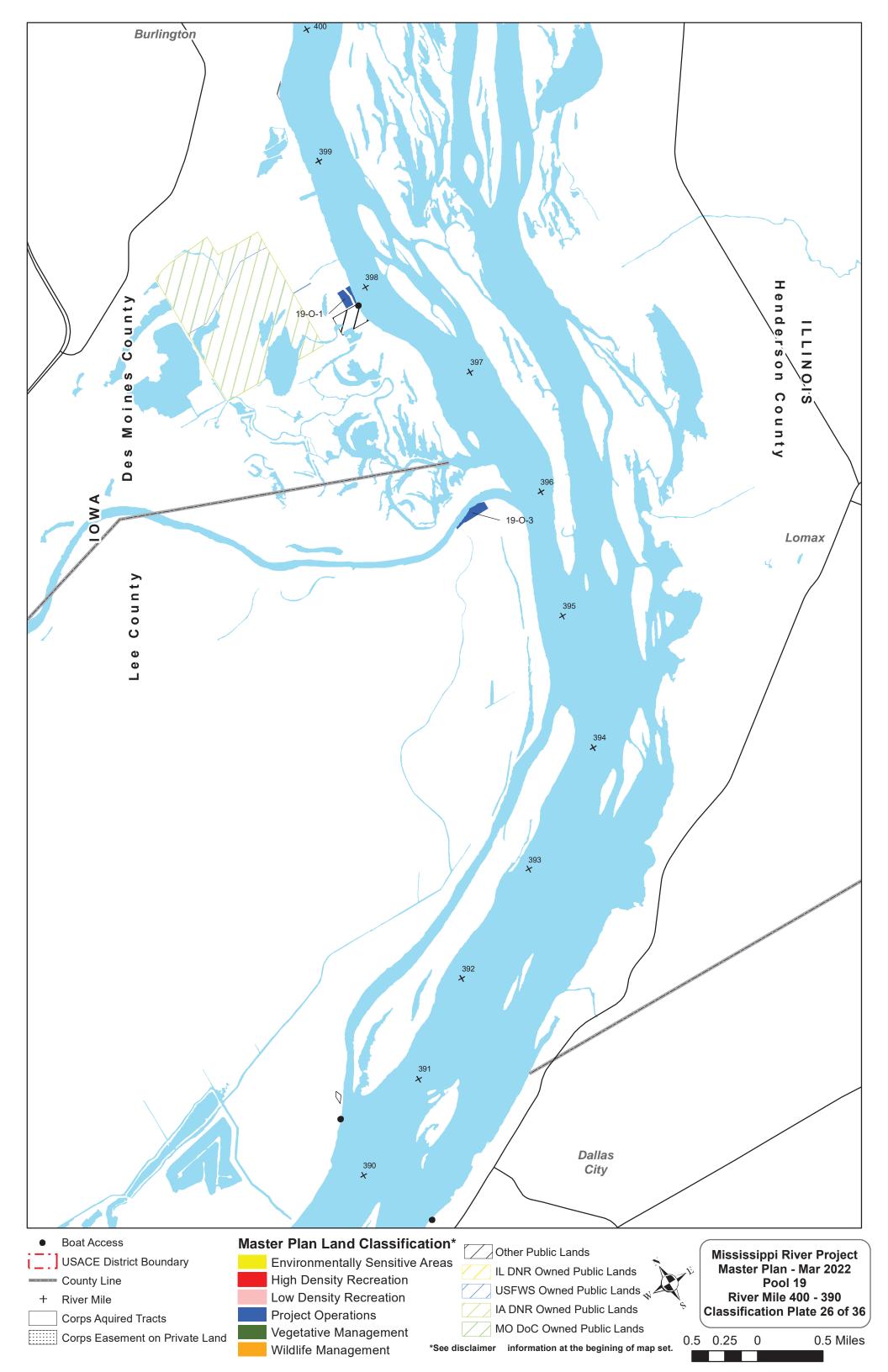










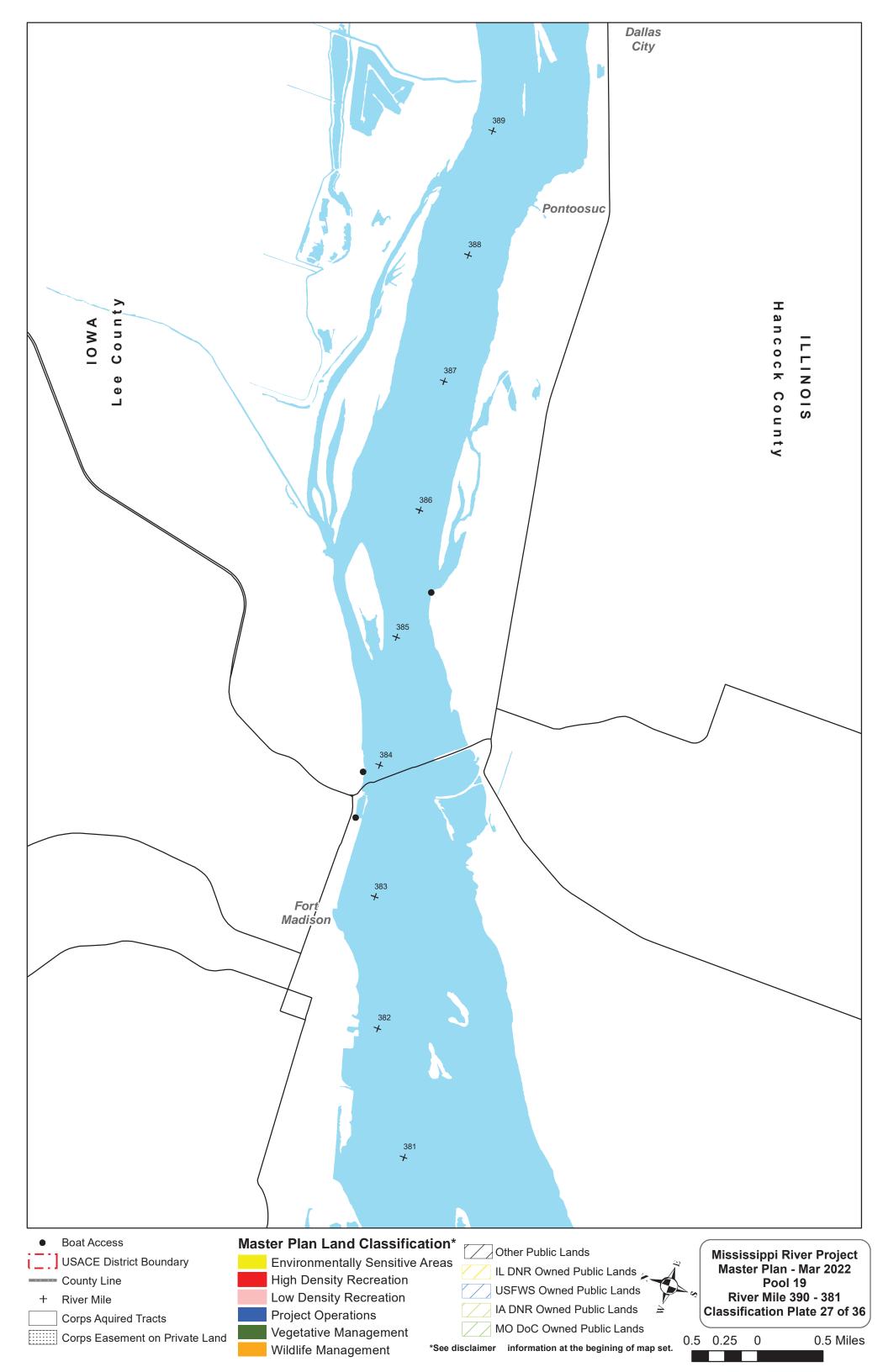


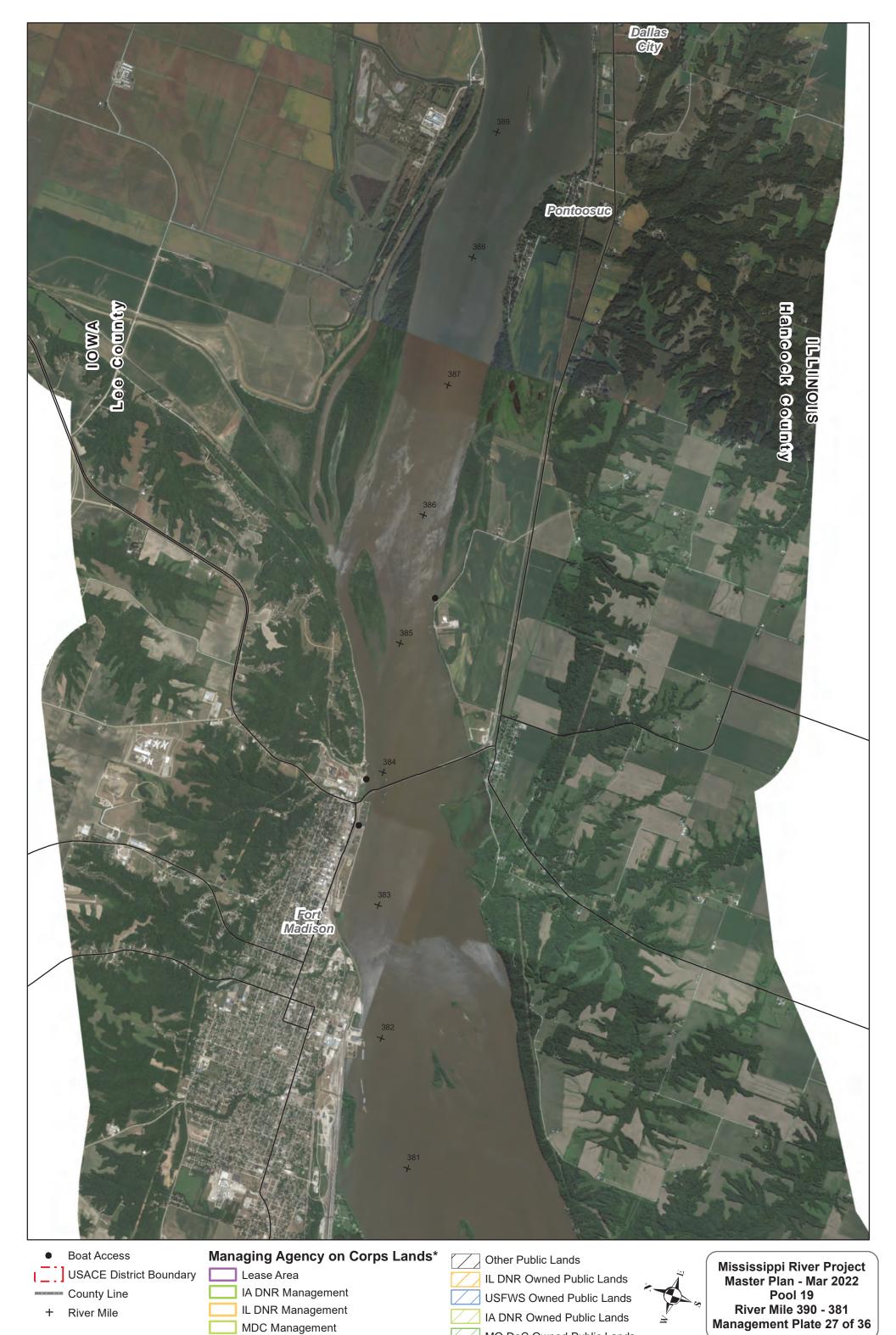


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Corps Management





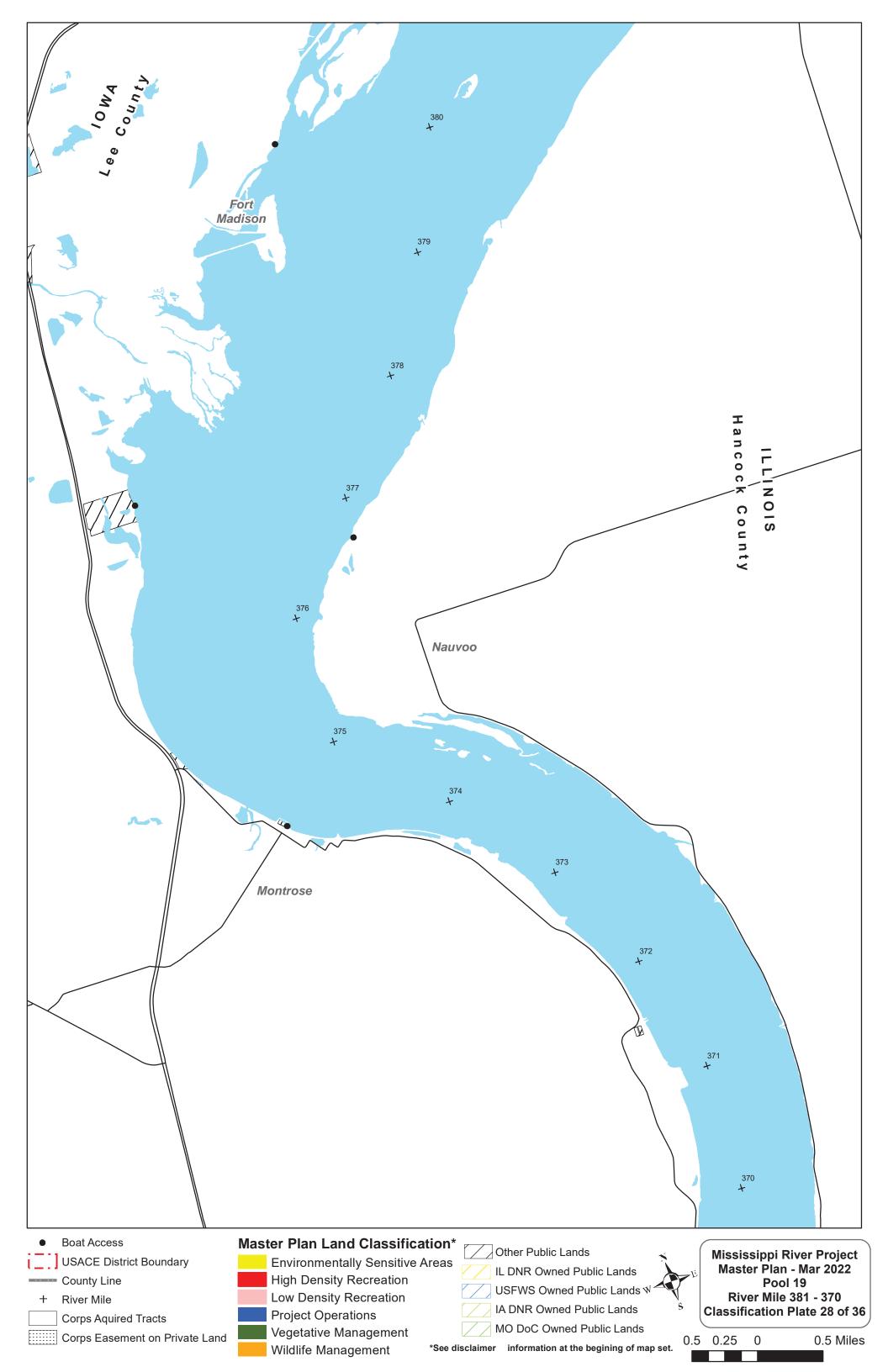
USFWS Management

*See disclaimer & information at the begining of map set.

Corps Management

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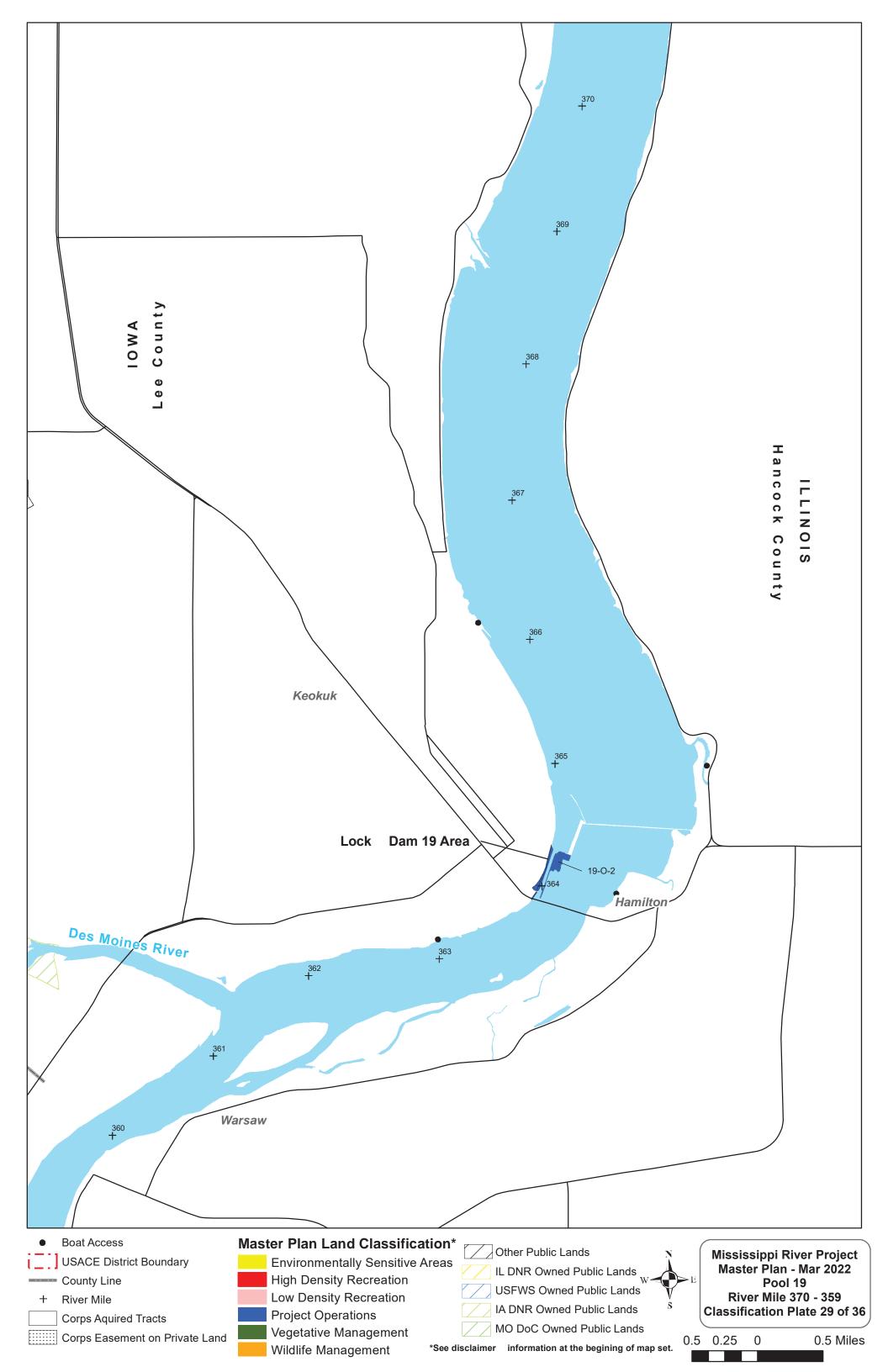


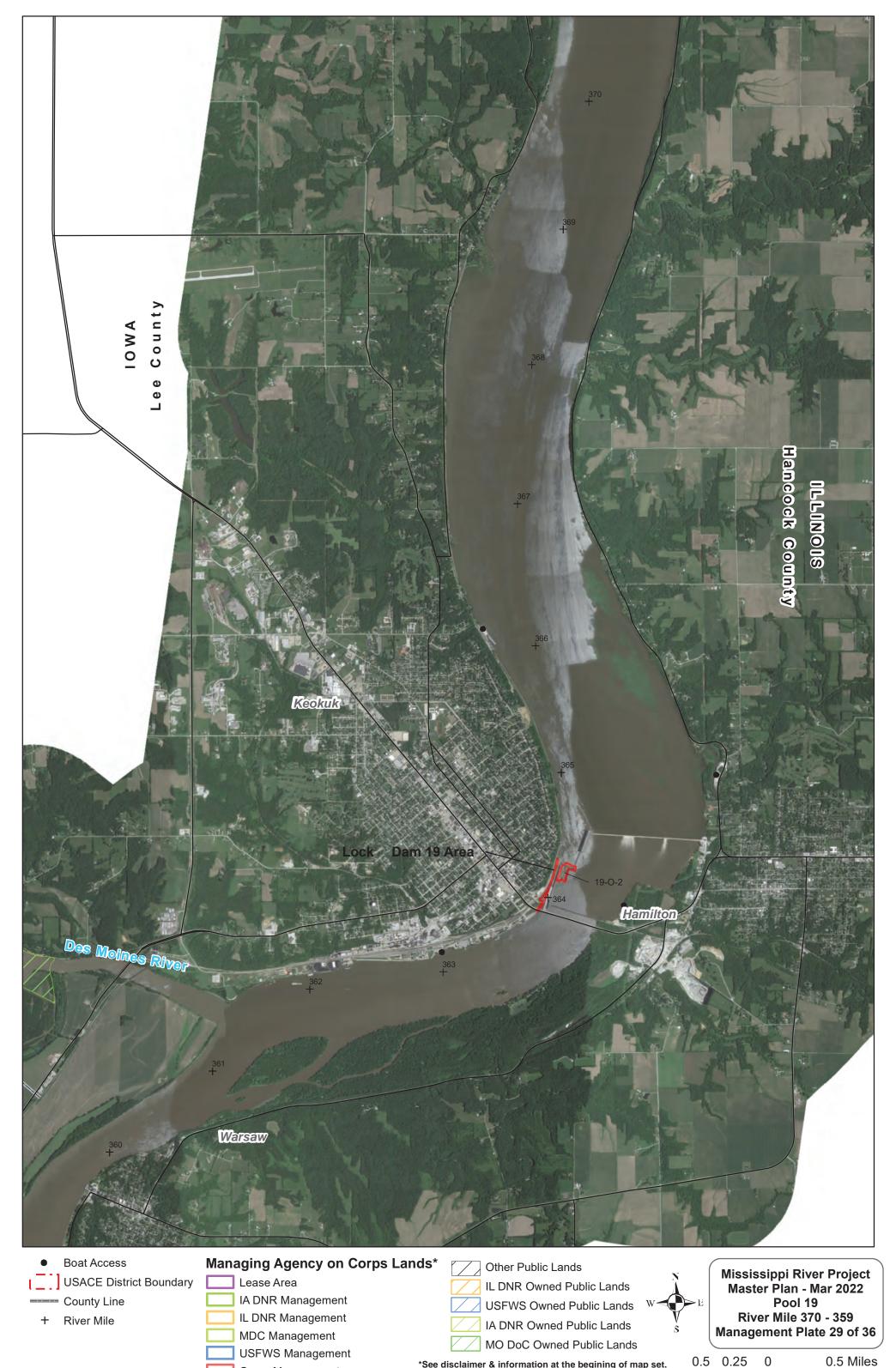
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Corps Management

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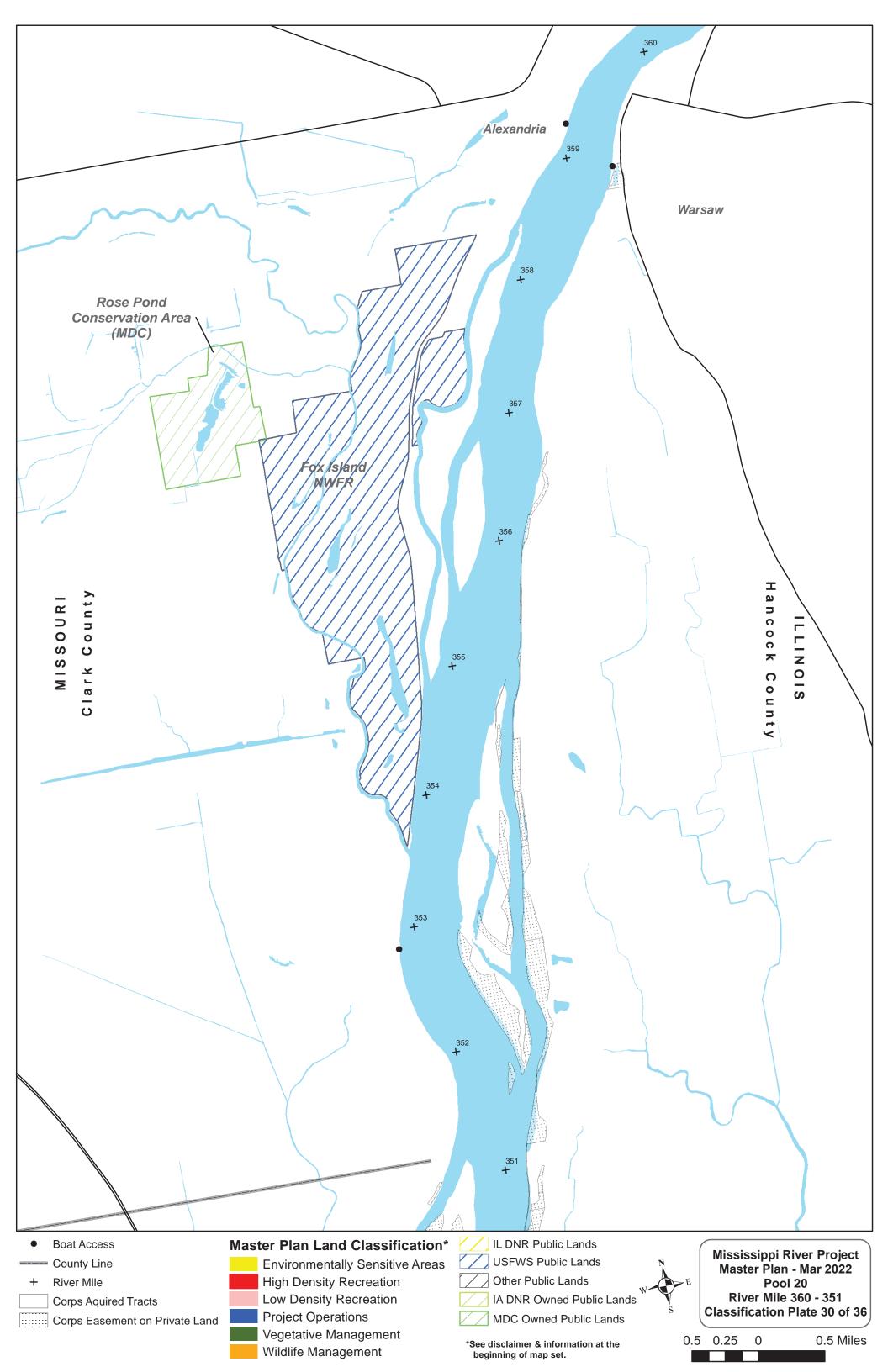


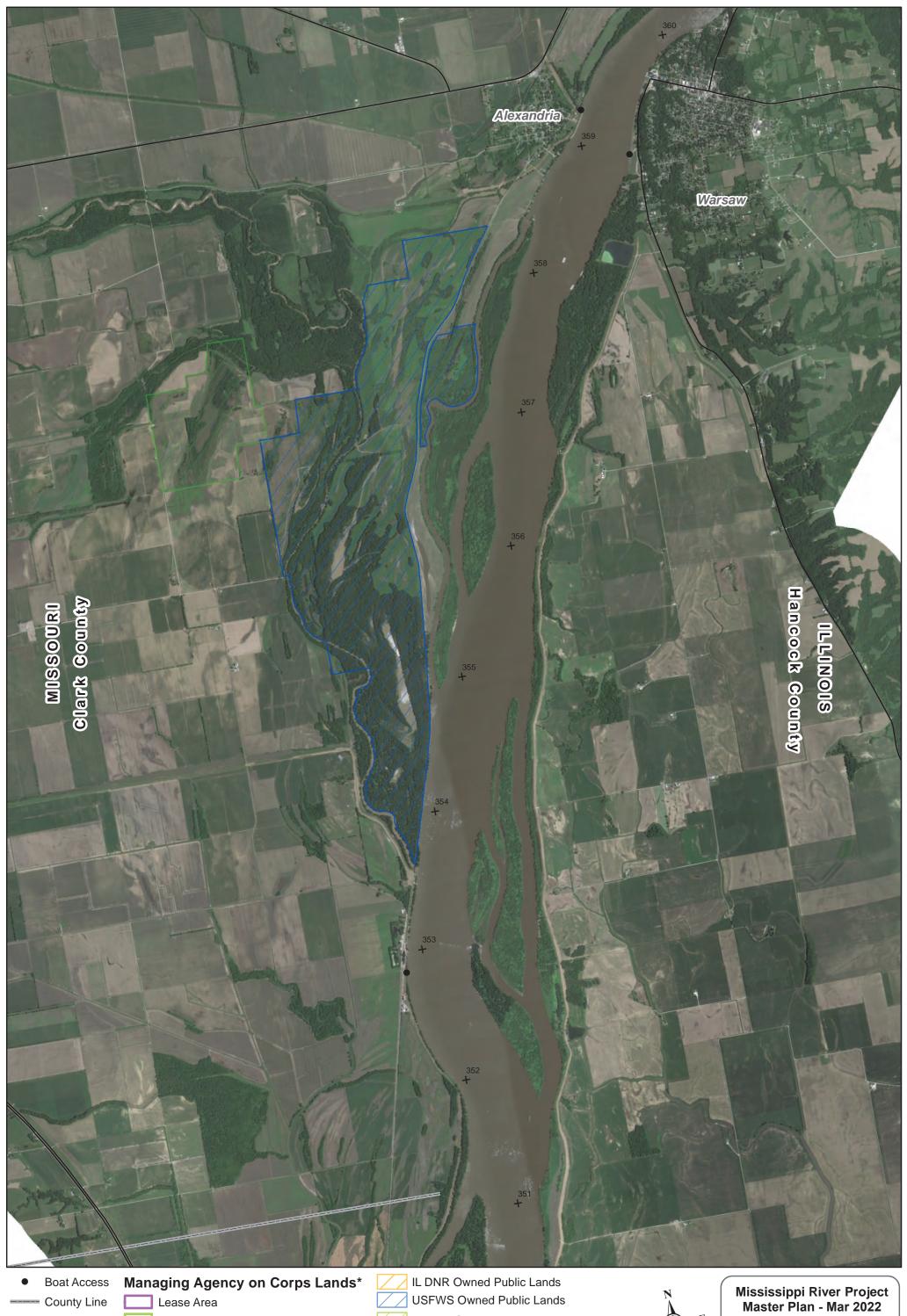


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Corps Management

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River Mile

IA DNR Management IL DNR Management

MDC Management **USFWS** Management

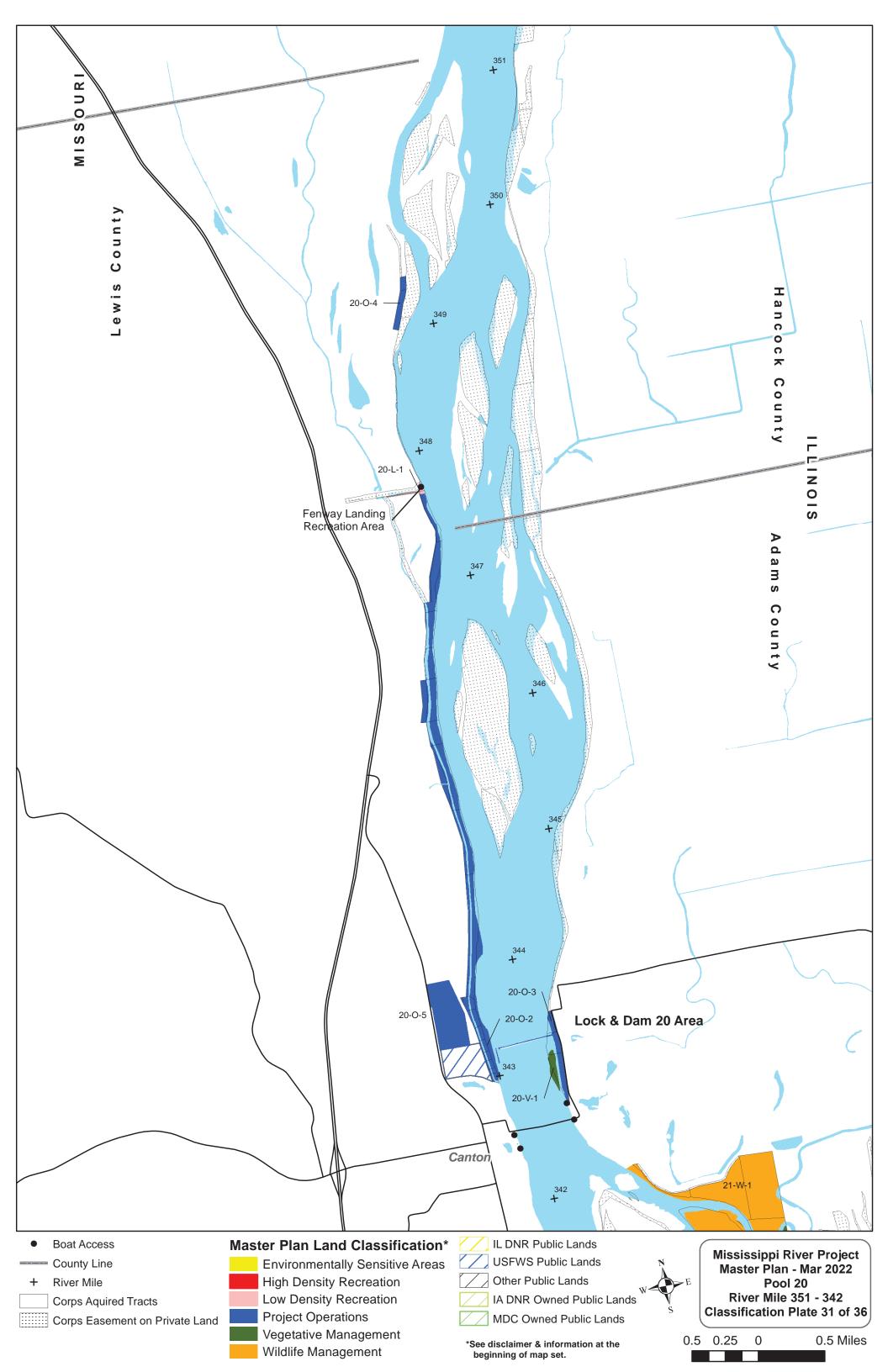
Corps Management

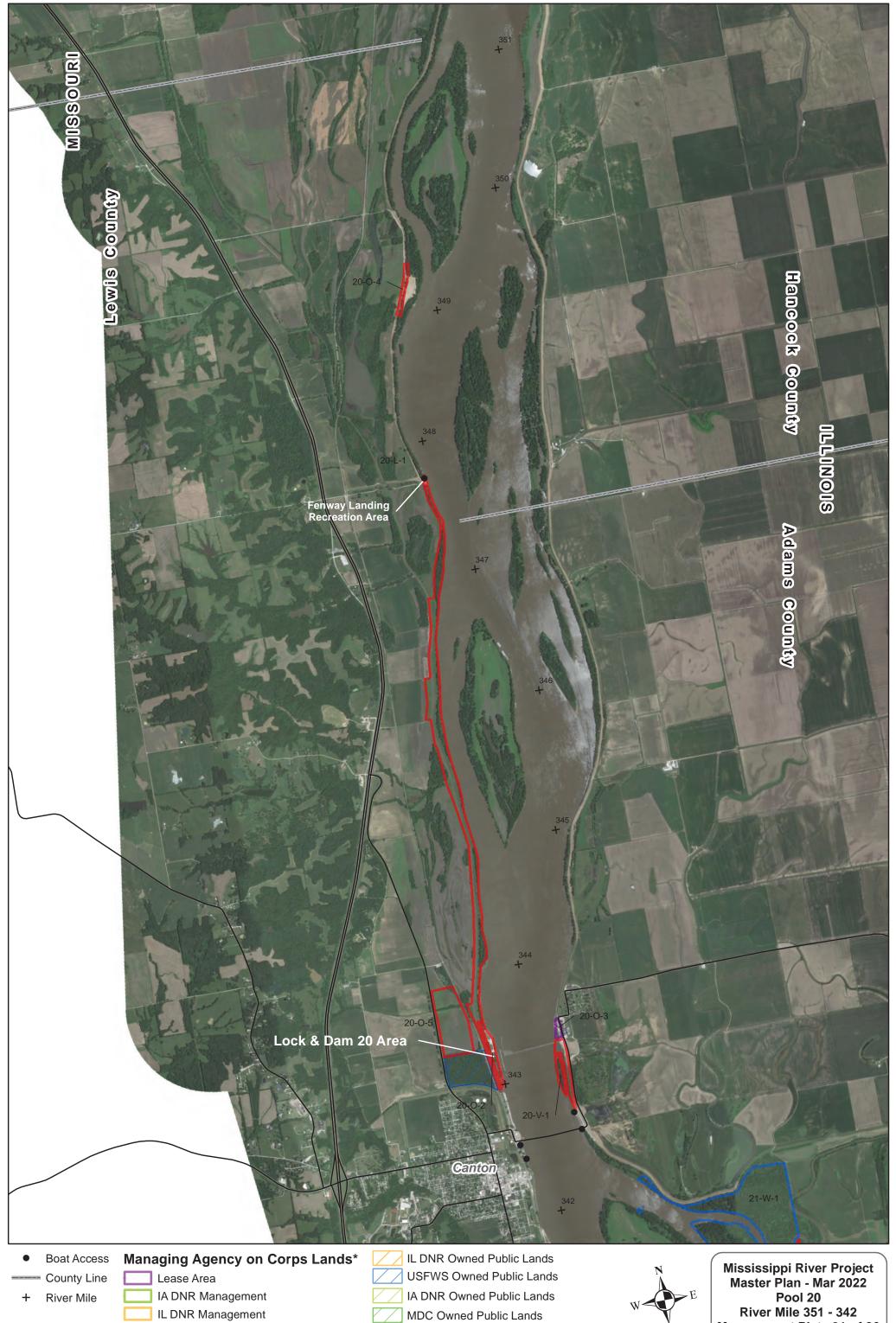
IA DNR Owned Public Lands MDC Owned Public Lands

*See disclaimer & information at the beginning of map set.



Pool 20 River Mile 360 - 351 Management Plate 30 of 36





*See disclaimer & information at the beginning of map set.

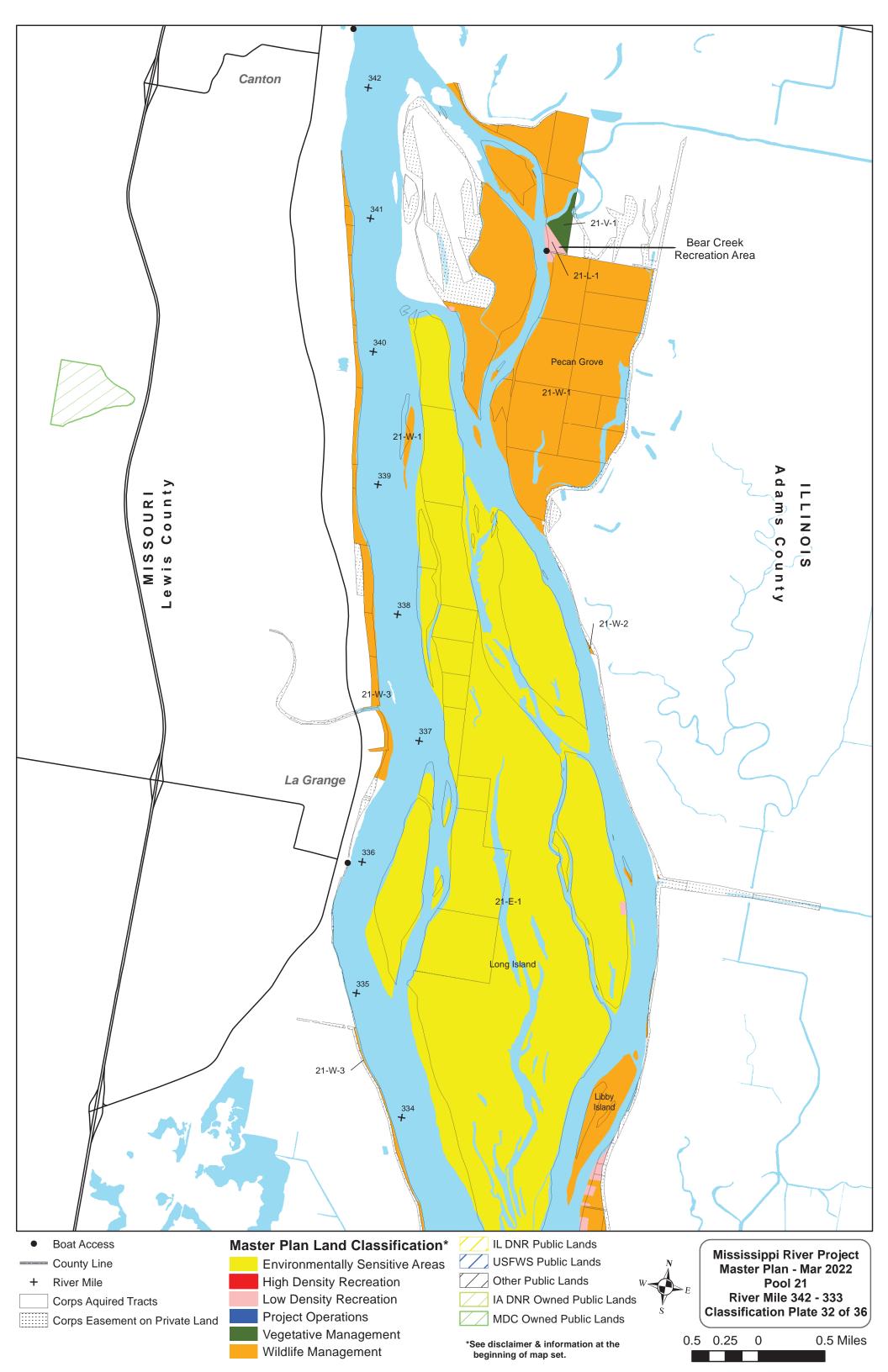
MDC Management

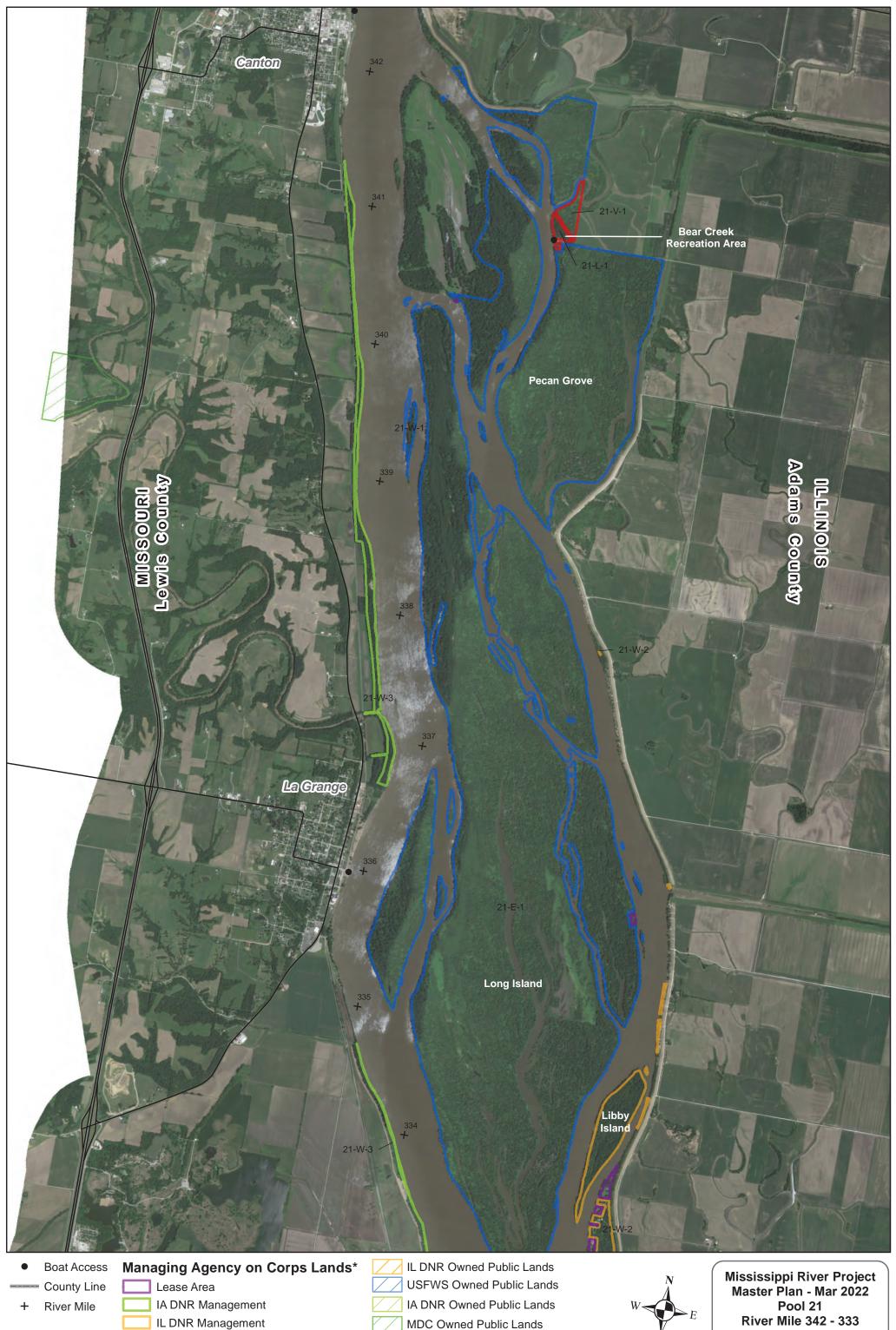
USFWS Management

Corps Management



Management Plate 31 of 36





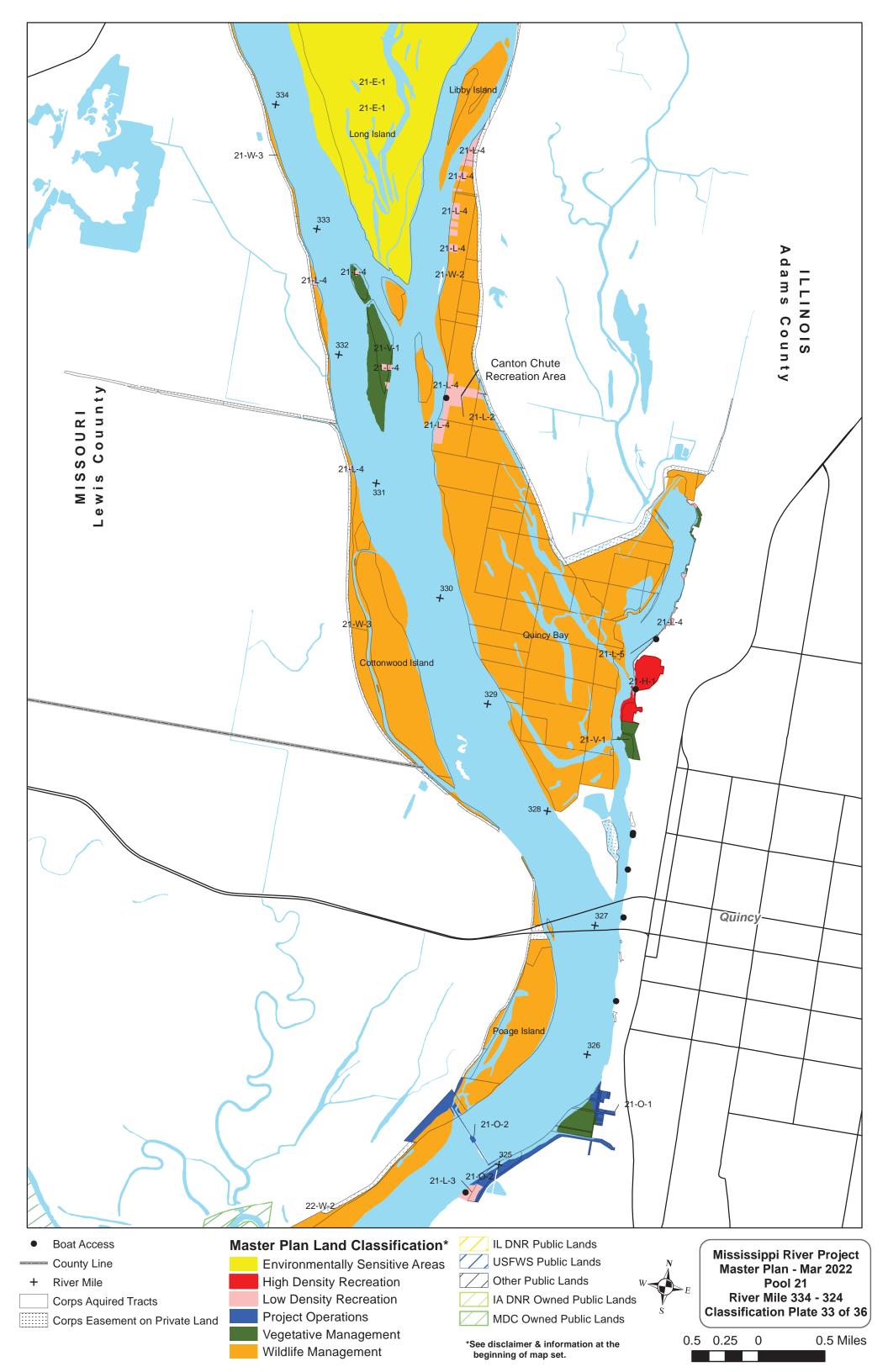
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MDC Management

USFWS Management

Corps Management

Management Plate 32 of 36





River Mile

IA DNR Management IL DNR Management

MDC Management

USFWS Management Corps Management

IA DNR Owned Public Lands MDC Owned Public Lands

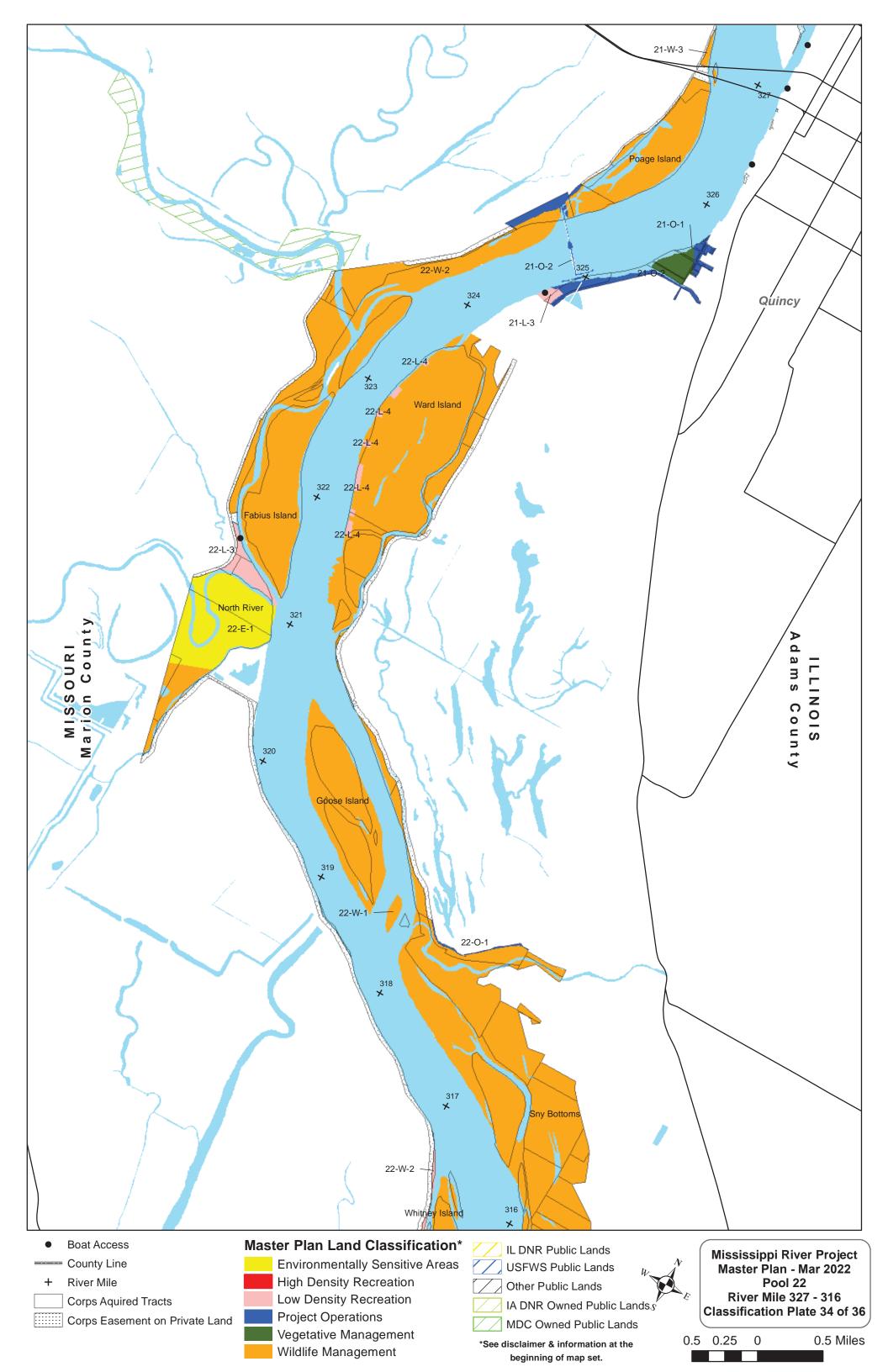
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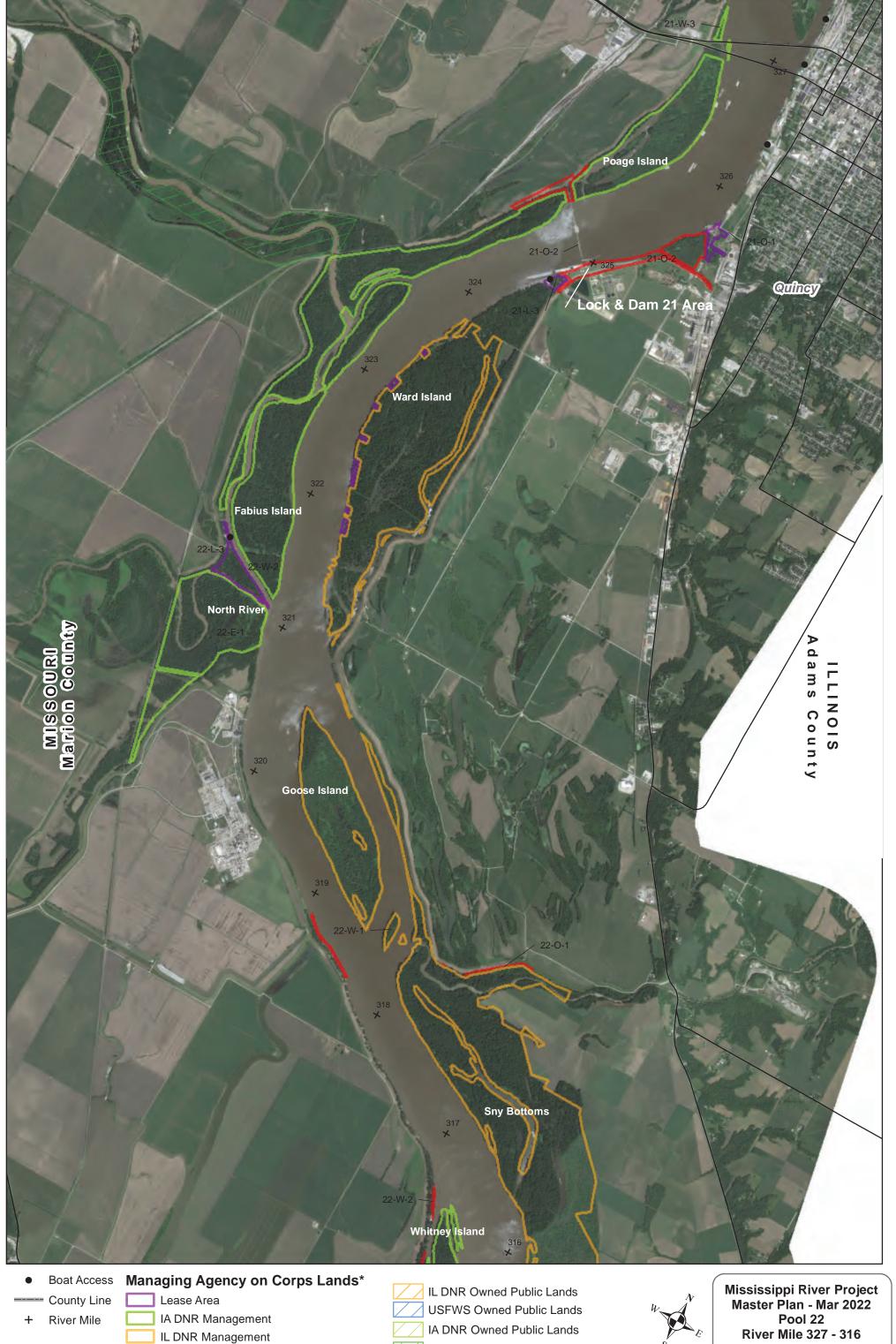


Pool 21 River Mile 334 - 324 Management Plate 33 of 36

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MDC Management

USFWS Management

Corps Management

MDC Owned Public Lands

River Mile 327 - 316 Management Plate 34 of 36

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