



# SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN

November 10, 2014

# DRAFT





# CONTENTS

I.	ACKNOWLEDGEMENTS	1
II.	OVERALL MAP	2
	A. NORTH	3
	B. SOUTH	4
III.	PRIORITY ROUTES	34
	A. PRIORITY ROUTE A	6
	B. PRIORITY ROUTE B	5
	C. PRIORITY ROUTE C	50
IV.	NEOMED CAMPUS - WALKABILITY	51
V.	TYPICAL TRAIL SECTION	52
VI.	COST ESTIMATE	53

# ACKNOWLEDGMENTS

## PREPARED FOR:



### PORTAGE PARK DISTRICT

CHRISTINE CRAYCROFT, EXECUTIVE DIRECTOR-SECRETARY  
PORTAGE PARK DISTRICT  
128 N. PROSPECT ST.  
RAVENNA, OHIO 44266

## GENEROUS FUNDING & SUPPORT FROM:



### NORTHEAST OHIO MEDICAL UNIVERSITY

NEOMED  
4209 STATE ROUTE 44  
PO Box 95  
ROOTSTOWN, OHIO 44272



### AKRON METROPOLITAN AREA TRANSPORTATION STUDY

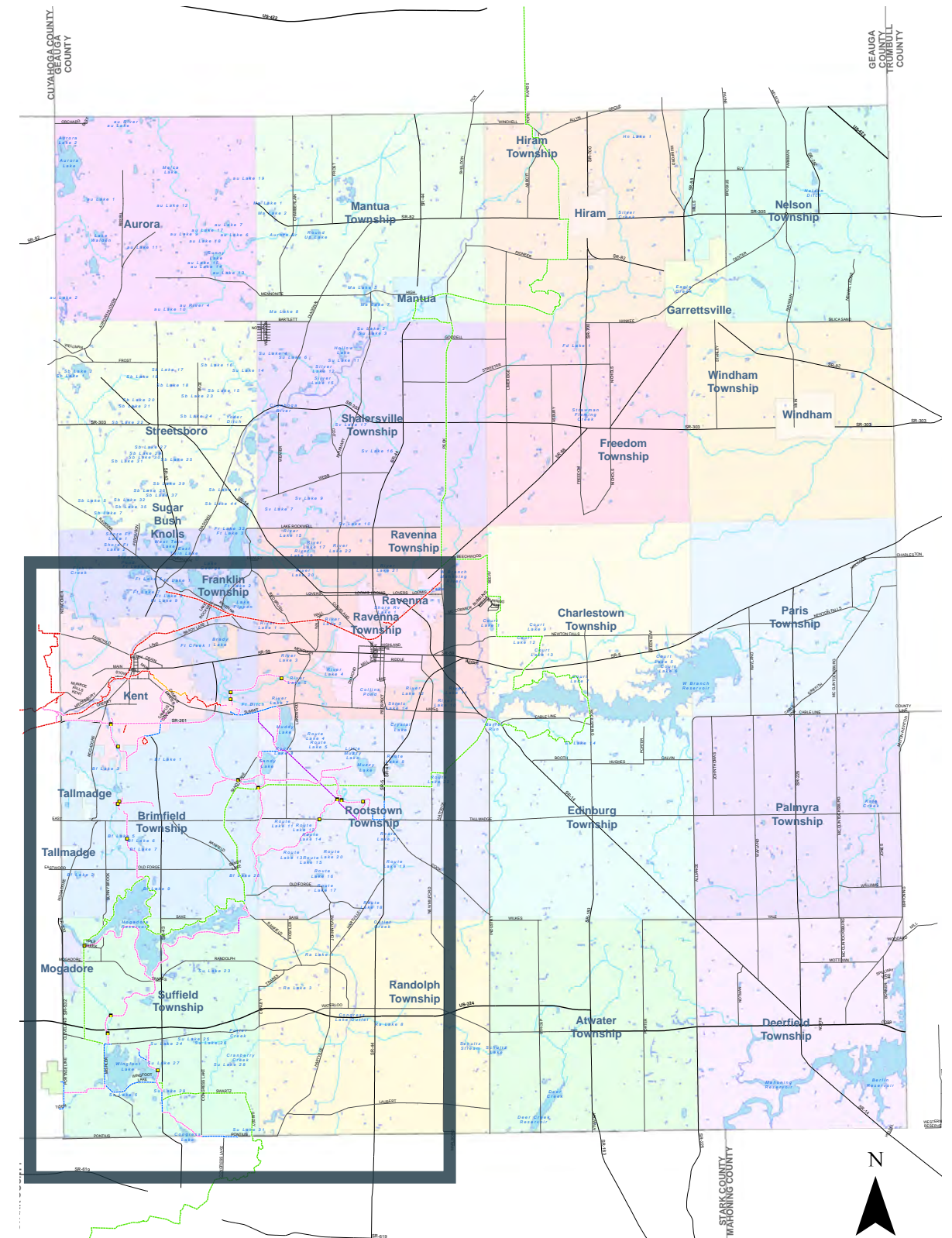
CURTIS BAKER, PLANNING COORDINATOR  
AMATS  
806 CITICENTER  
146 S. HIGH ST.  
AKRON, OHIO 44308

## CONSULTANT:



### ENVIRONMENTAL DESIGN GROUP

450 GRANT ST.  
AKRON, OHIO 44311  
330.375.1390  
WWW.ENVDESIGNGROUP.COM



STUDY AREA

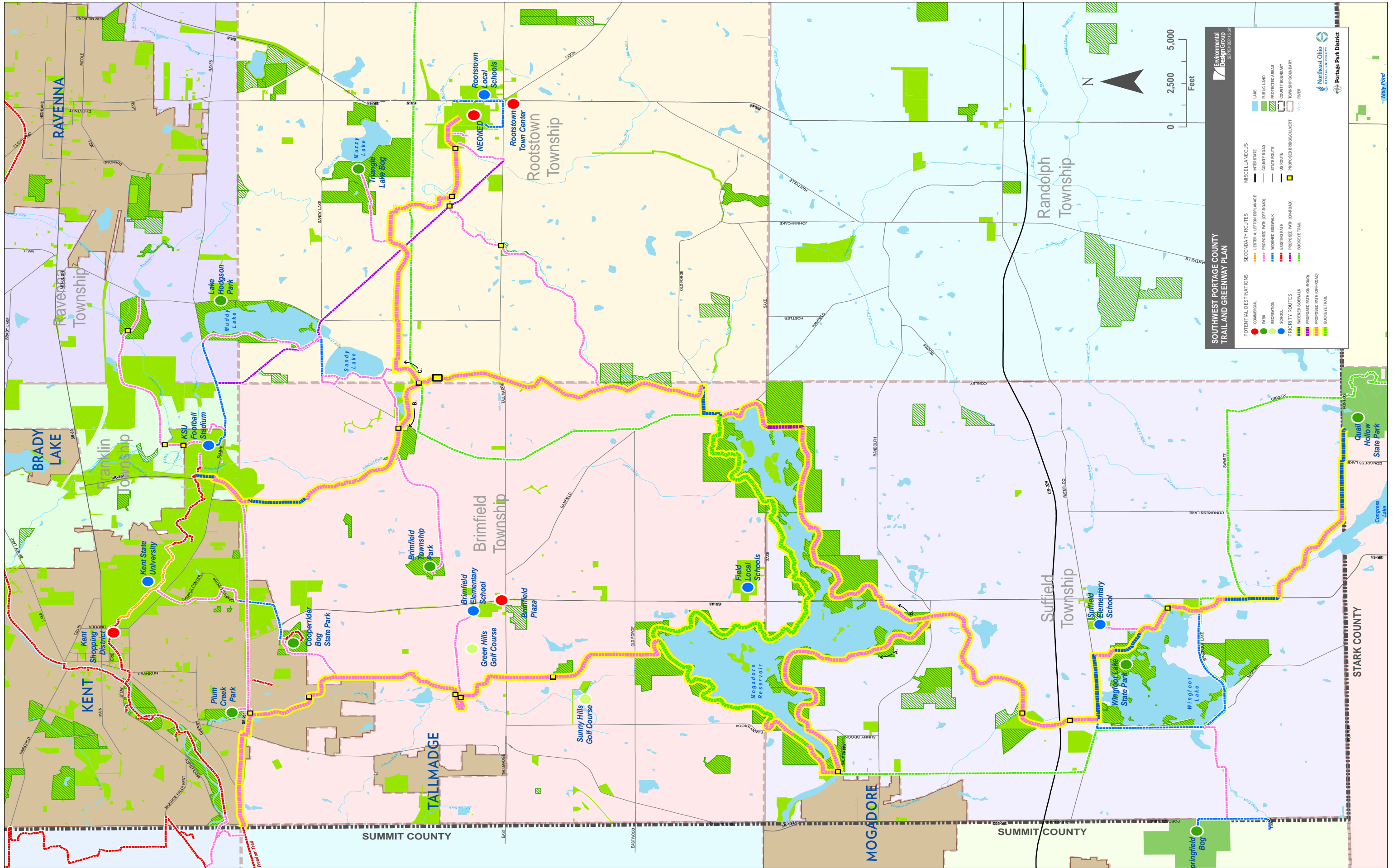


# OVERALL MAPS

- I. SOUTHWEST PORTAGE COUNTY  
TRAIL AND GREENWAY PLAN -  
OVERALL
- II. TRAIL ALIGNMENT - NORTH
- III. TRAIL ALIGNMENT - SOUTH







**SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN**  
SEPTEMBER 18, 2019

**Environmental Design Group**

**Northeast Ohio AERIAL UNIVERSITY**  
 Portage Park District

**POTENTIAL DESTINATIONS**

- COMMERCIAL
- PARK
- RECREATION
- SCHOOL

**PRIORITY ROUTES**

- EXISTING PATH
- PROPOSED PATH (ON-ROAD)
- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKETE TRAIL

**SECONDARY ROUTES**

- LETTER A LEFTON SPUR ANGLE
- PROPOSED PATH (OFF-ROAD)
- WIDENED SIDEWALK
- EXISTING PATH
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKETE TRAIL

**MISCELLANEOUS**

- INTERSTATE
- COUNTY ROAD
- STATE ROUTE
- US ROUTE
- PROPOSED BRIDGE/CULVERT
- BUCKETE TRAIL

**LAKE**

- PUBLIC LAND
- PROTECTED AREAS

**COUNTY BOUNDARY**

**TOWNSHIP BOUNDARY**

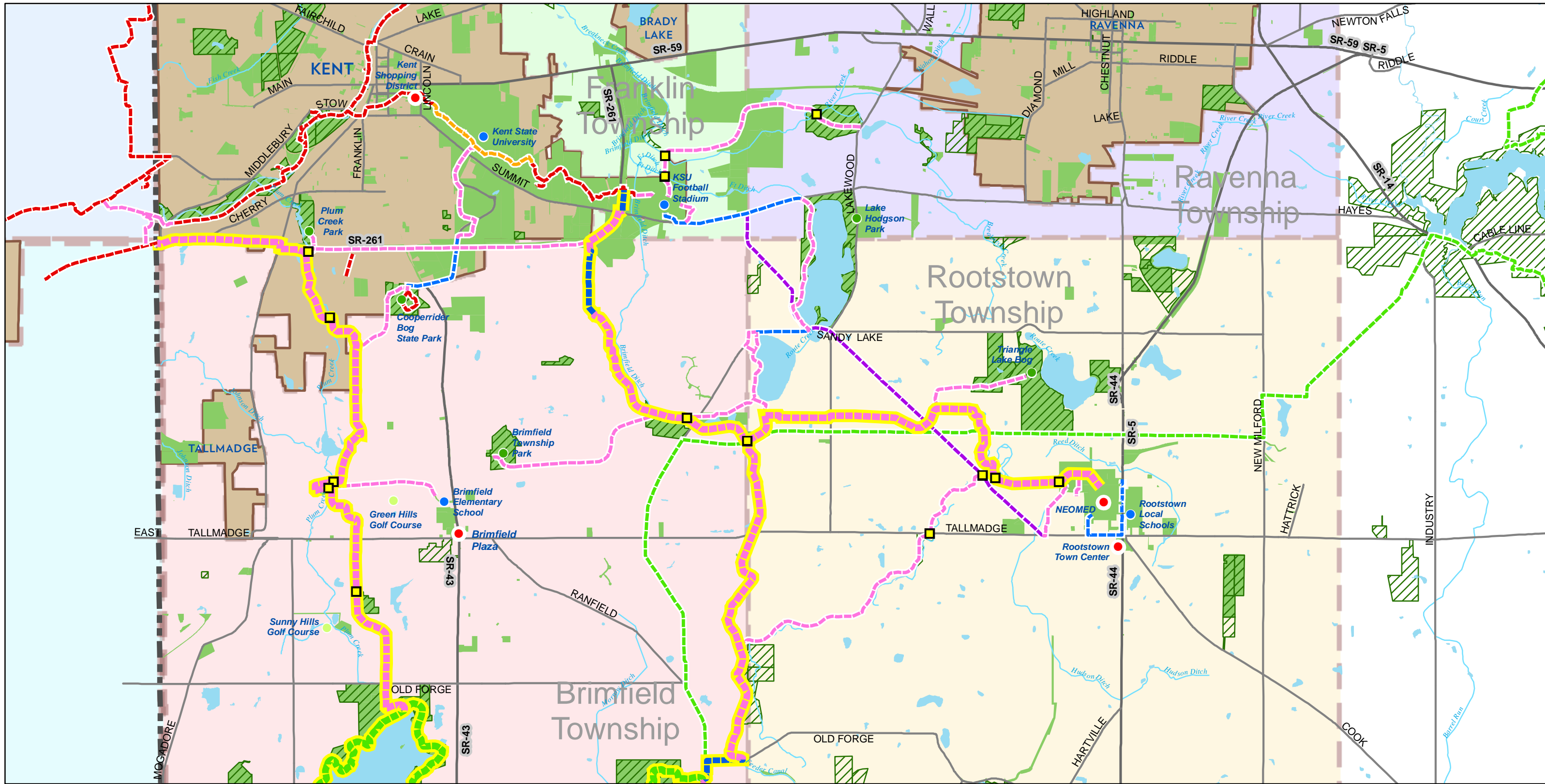
**RIVER**

0 2,500 5,000 Feet

N



# SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN

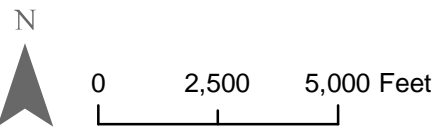
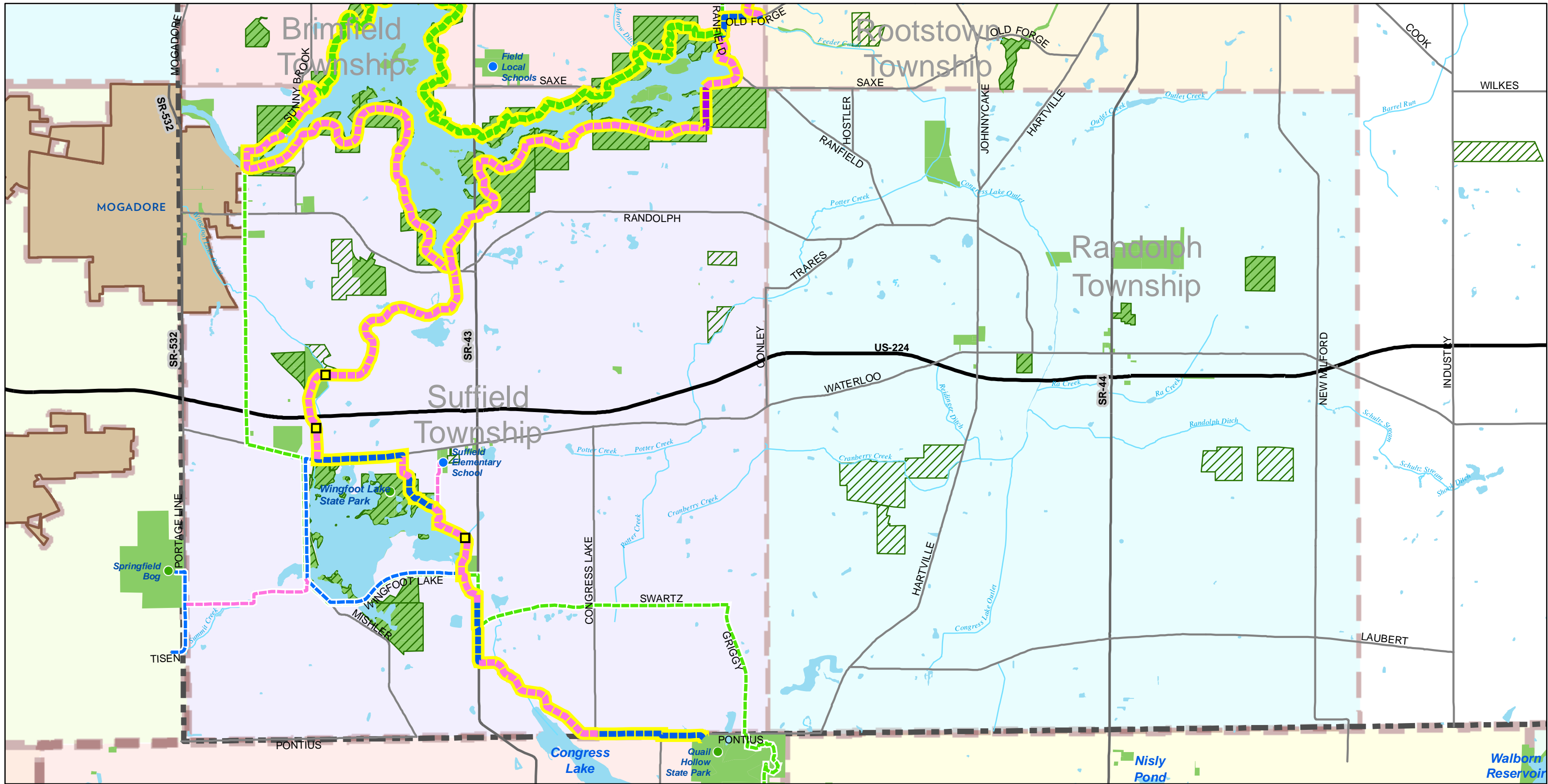


0 2,500 5,000 Feet

- |              |                            |                              |                           |               |                   |
|--------------|----------------------------|------------------------------|---------------------------|---------------|-------------------|
| ● COMMERCIAL | ■ WIDENED SIDEWALK         | — LESTER A. LEFTON ESPLANADE | — PROPOSED PATH (ON-ROAD) | — COUNTY ROAD | ■ LAKE            |
| ● PARK       | ■ PROPOSED PATH (ON-ROAD)  | — PROPOSED PATH (OFF-ROAD)   | — BUCKEYE TRAIL           | — STATE ROUTE | ■ PROTECTED AREA  |
| ● RECREATION | ■ PROPOSED PATH (OFF-ROAD) | — WIDENED SIDEWALK           | ■ PROPOSED BRIDGE/CULVERT | — US ROUTE    | ■ PUBLIC LAND     |
| ● SCHOOL     | ■ BUCKEYE TRAIL            | — EXISTING PATH              | — INTERSTATE              | — RIVER       | ■ COUNTY BOUNDARY |



# SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN

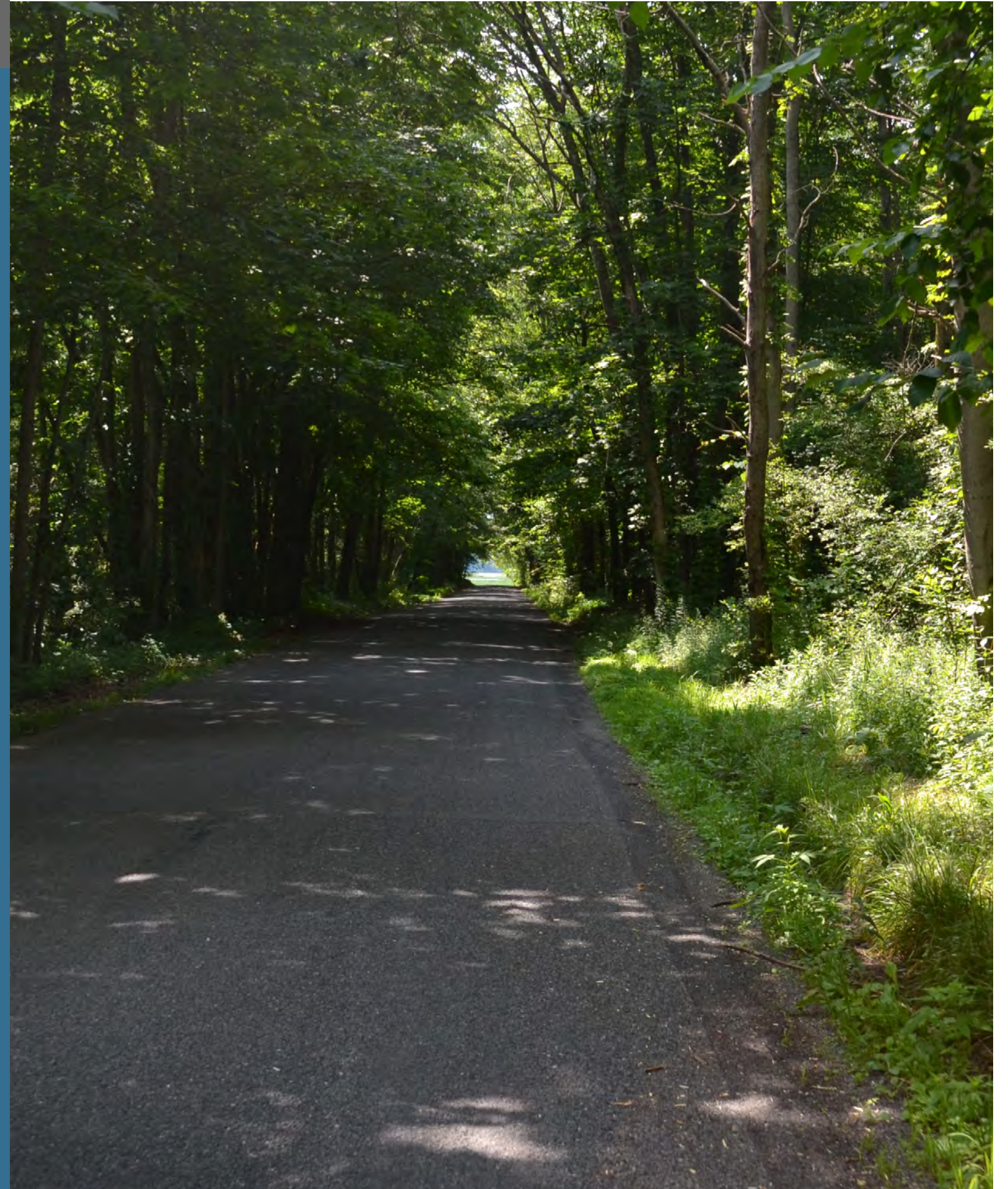


- COMMERCIAL
- WIDENED SIDEWALK
- LESTER A. LEFFTON ESPLANADE
- PROPOSED PATH (ON-ROAD)
- COUNTY ROAD
- LAKE
- PARK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL
- STATE ROUTE
- PROTECTED AREA
- RECREATION
- PROPOSED PATH (OFF-ROAD)
- WIDENED SIDEWALK
- PROPOSED BRIDGE/CULVERT
- PUBLIC LAND
- SCHOOL
- BUCKEYE TRAIL
- EXISTING PATH
- INTERSTATE
- RIVER
- COUNTY BOUNDARY

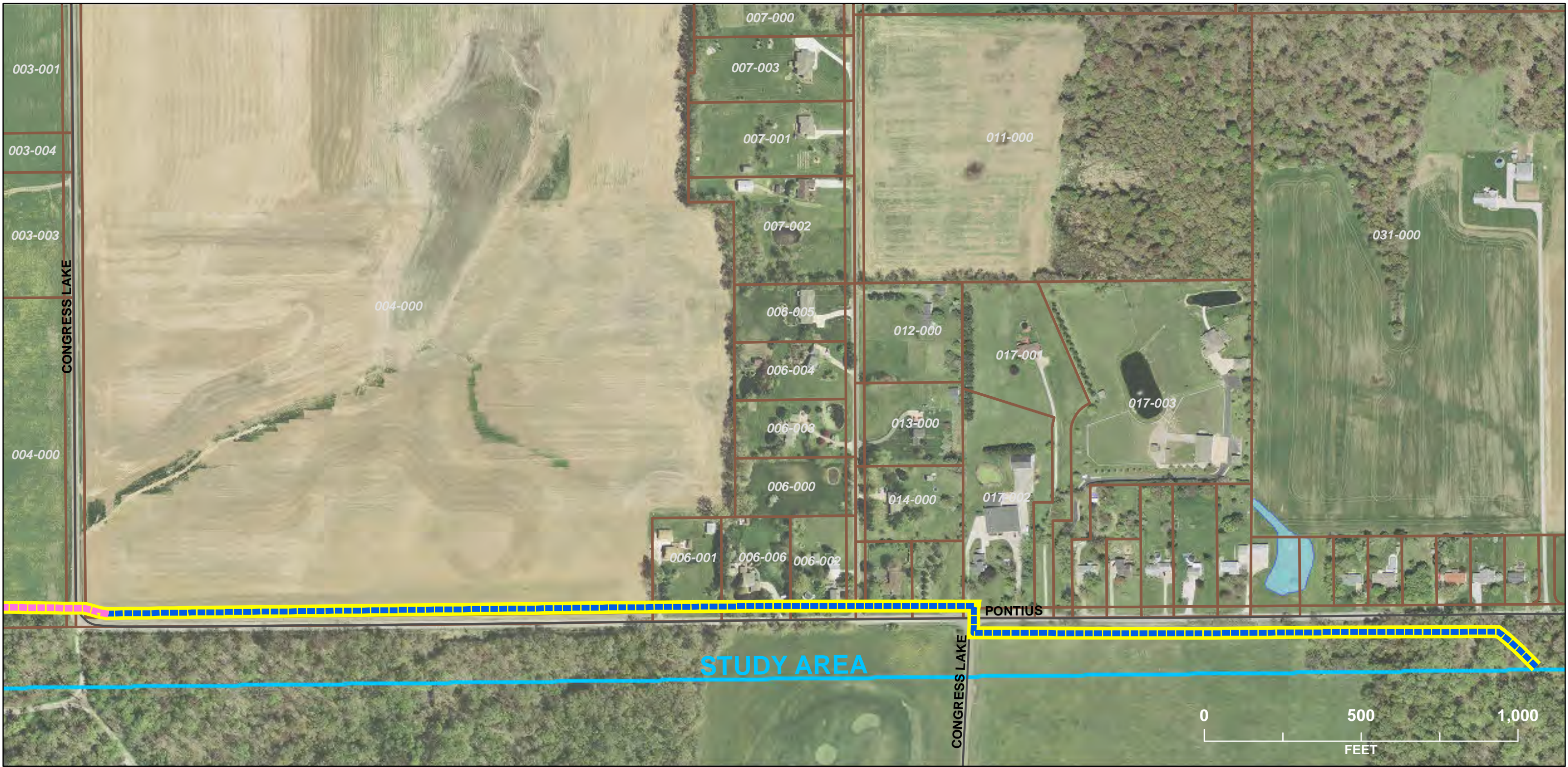


# PRIORITY ROUTES

- I. PRIORITY ROUTE A
- II. PRIORITY ROUTE B
- III. PRIORITY ROUTE C

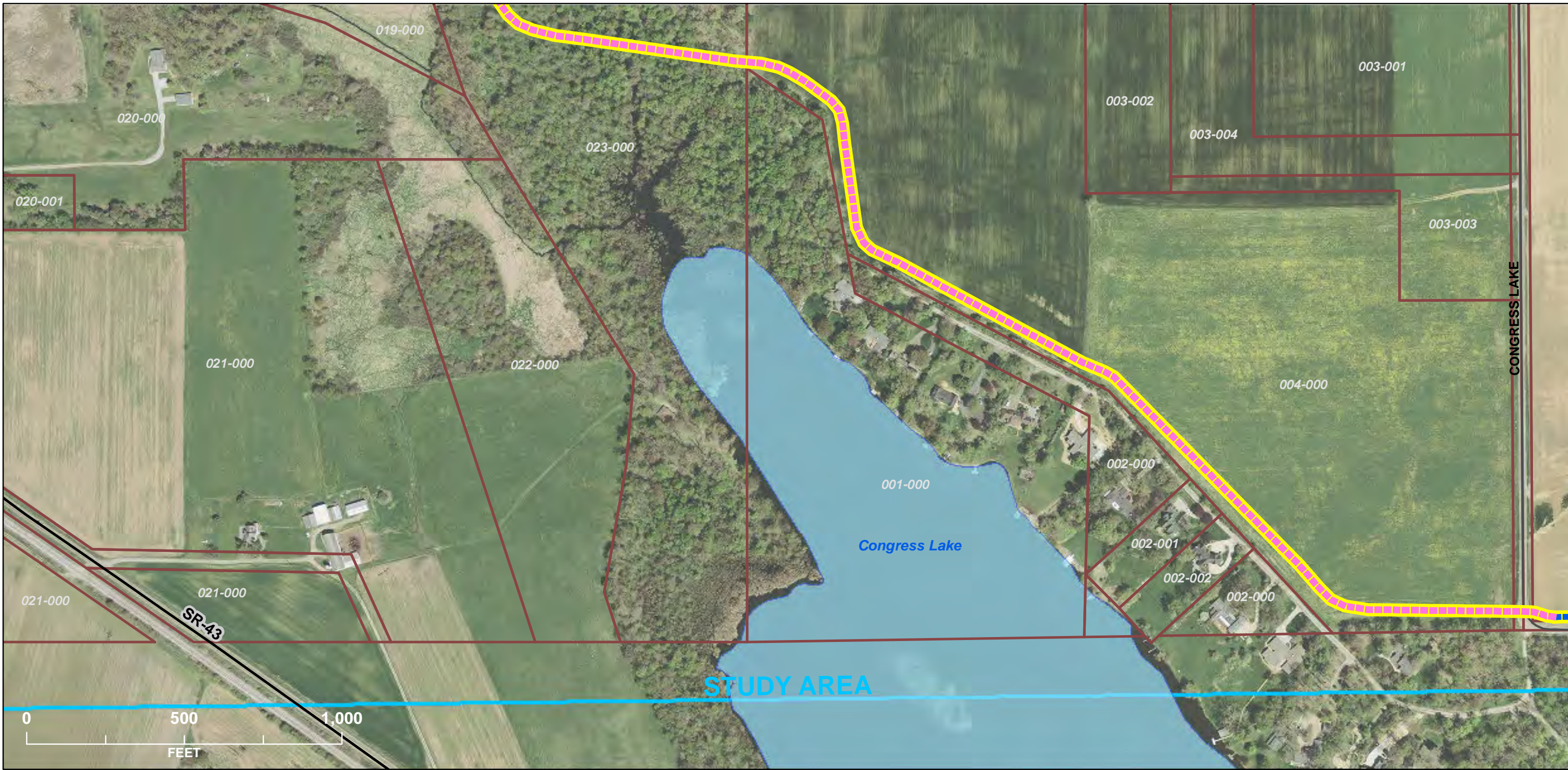














	<b>PRIORITY ROUTES</b>	— COUNTY ROADS	LAKE
	WIDENED SIDEWALK	— STATE ROUTES	PUBLIC LAND
	PROPOSED PATH (ON-ROAD)	— US ROUTES	STUDY AREA
	PROPOSED PATH (OFF-ROAD)	— RIVER	PARCELS
	BUCKEYE TRAIL		









**PRIORITY ROUTES**

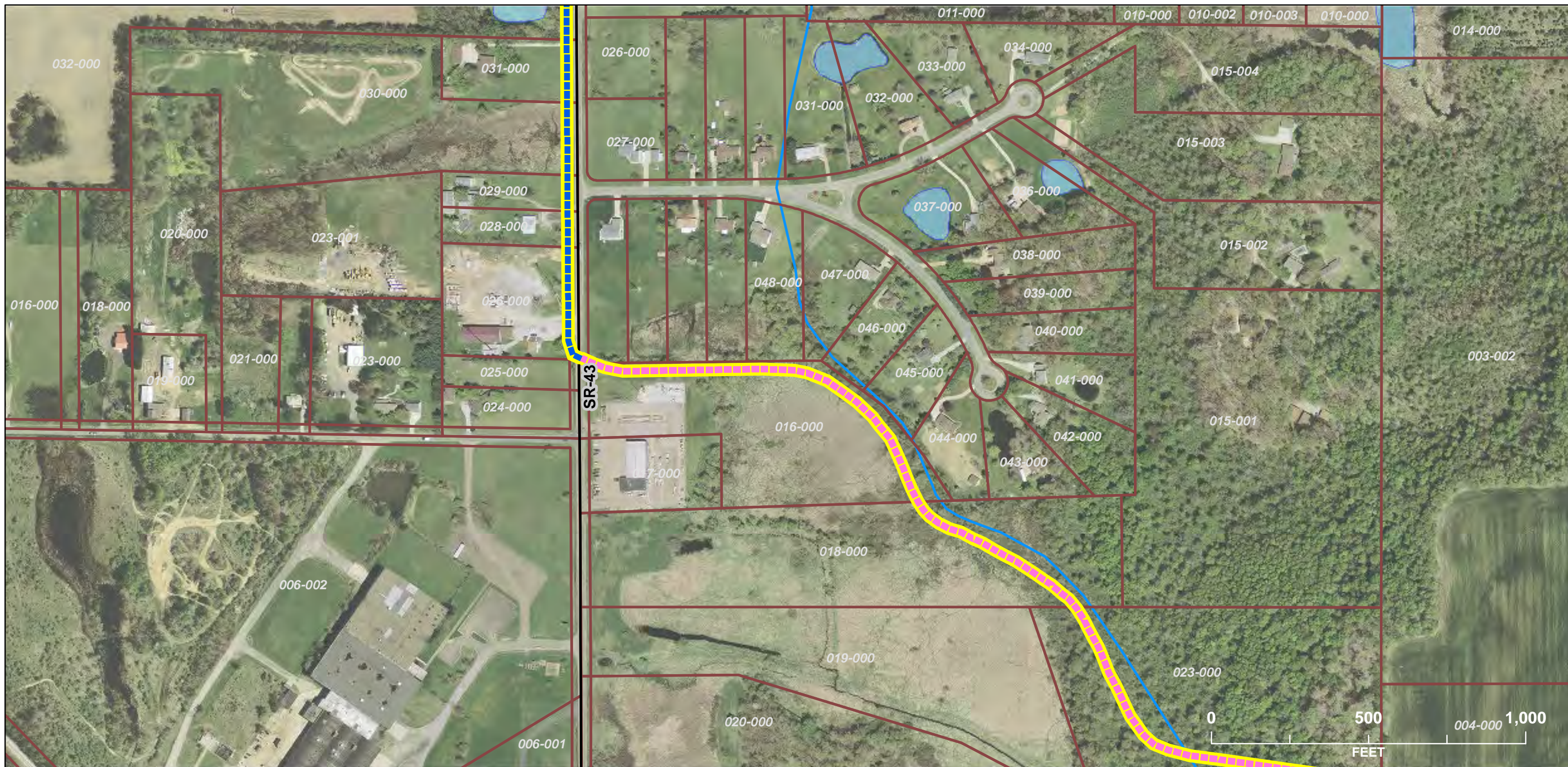
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS















**PRIORITY ROUTES**

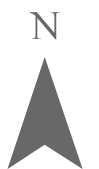
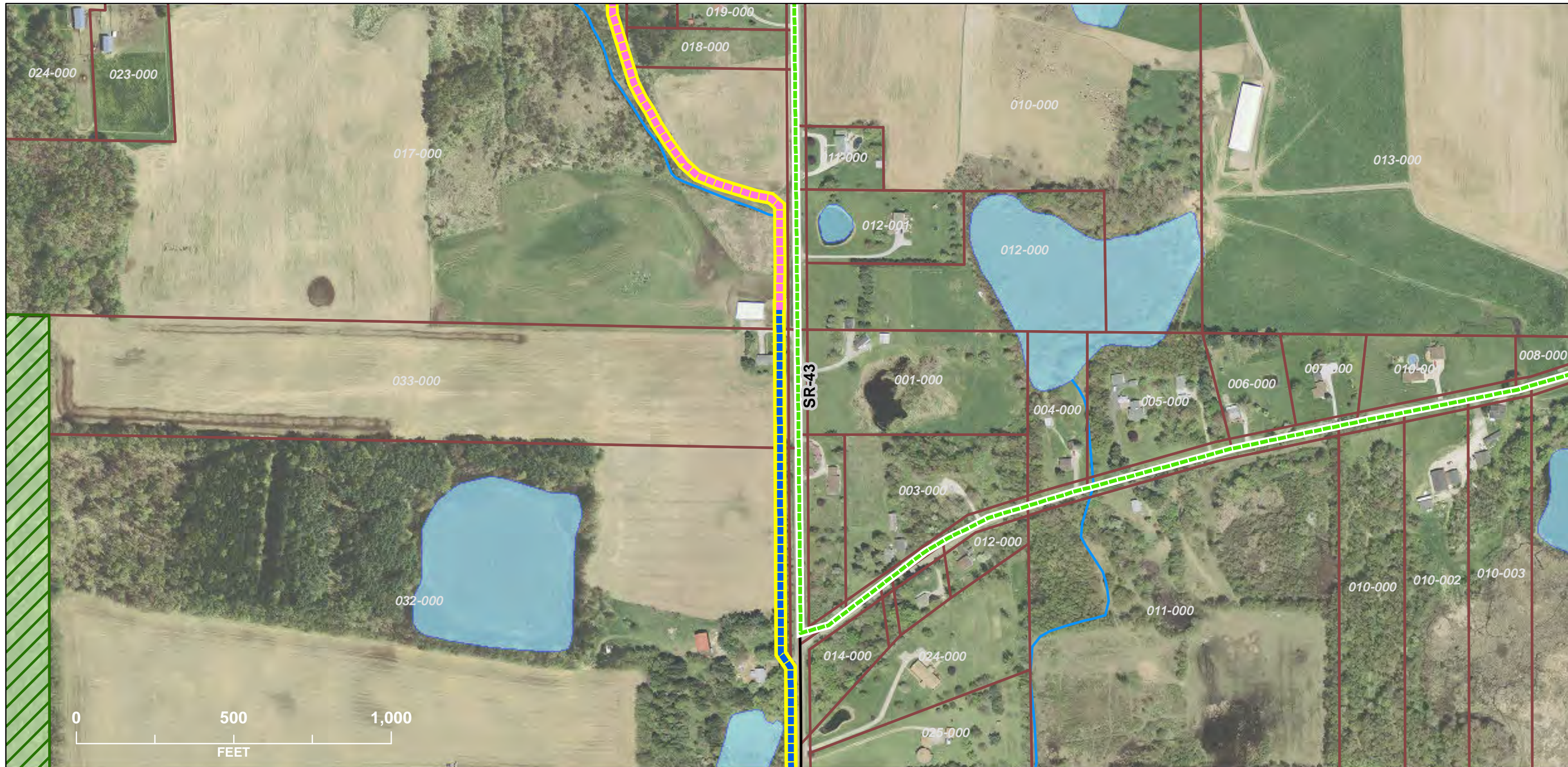
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
















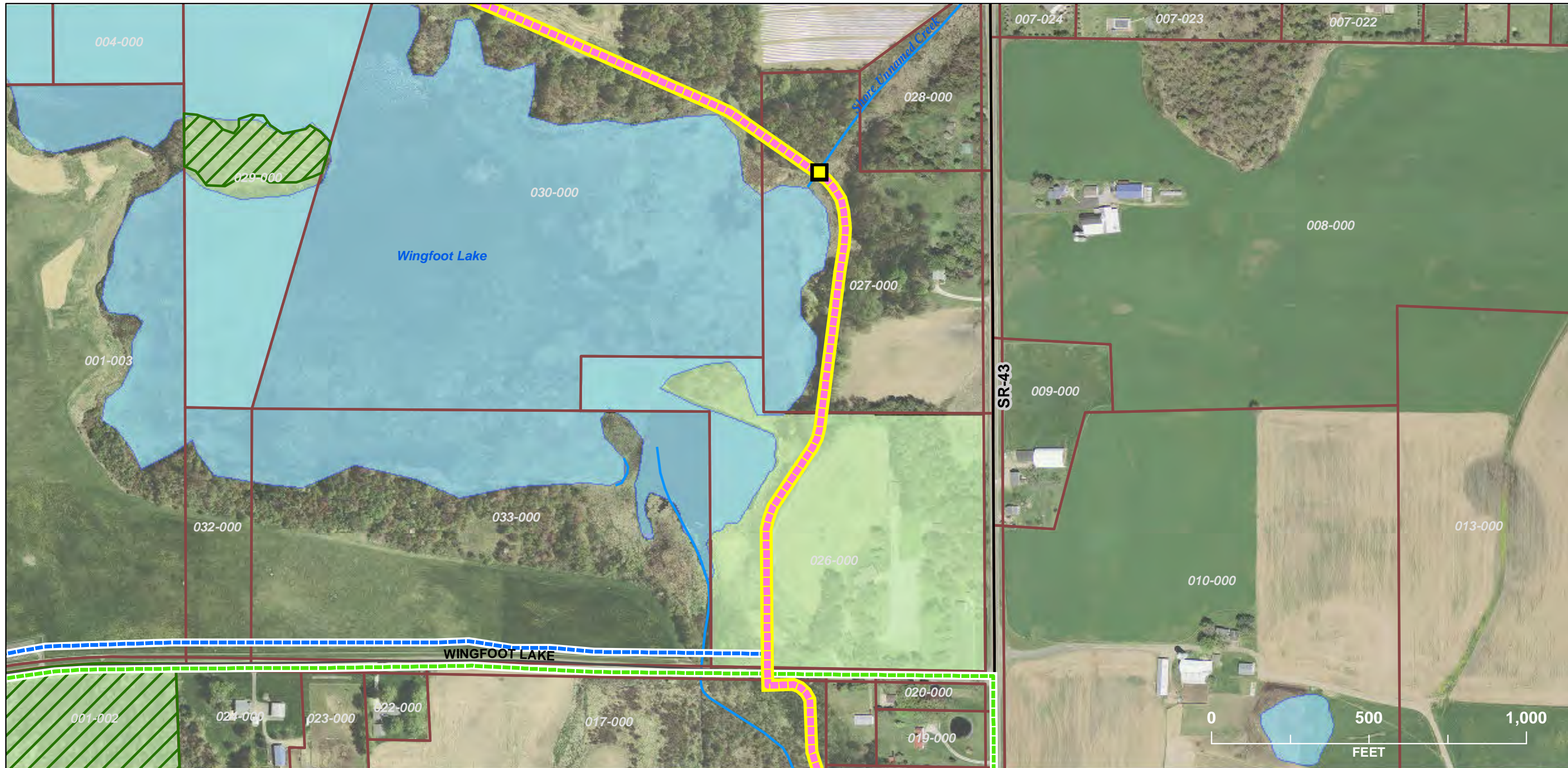
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  BUCKEYE TRAIL
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA














	<b>PRIORITY ROUTES</b>	PROPOSED BRIDGE/CULVERT	US ROUTES	PARCELS
	WIDENED SIDEWALK	WIDENED SIDEWALKS	RIVER	PROTECTED AREA
	PROPOSED PATH (ON-ROAD)	BUCKEYE TRAIL	LAKE	PUBLIC LAND
	PROPOSED PATH (OFF-ROAD)	COUNTY ROADS	STUDY AREA	
BUCKEYE TRAIL	STATE ROUTES			










**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  PROPOSED PATH (OFF-ROAD)
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA



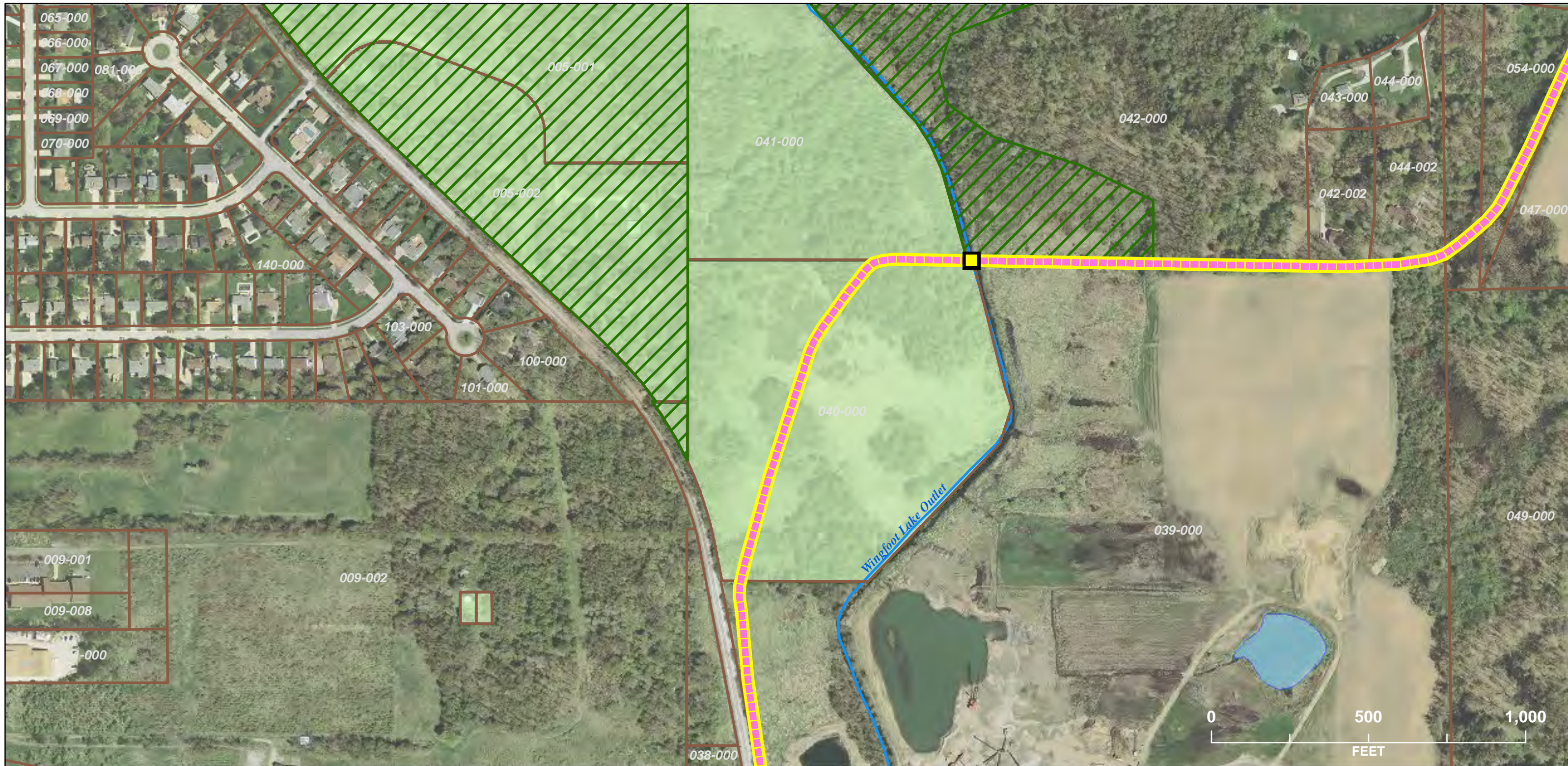






	<b>PRIORITY ROUTES</b>	WIDENED SIDEWALKS	RIVER	STUDY AREA
	WIDENED SIDEWALK	BUCKEYE TRAIL	LAKE	
	PROPOSED PATH (ON-ROAD)	COUNTY ROADS	PARCELS	
	PROPOSED PATH (OFF-ROAD)	STATE ROUTES	PUBLIC LAND	
BUCKEYE TRAIL	US ROUTES	PROTECTED AREA		





**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER





- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA















**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
















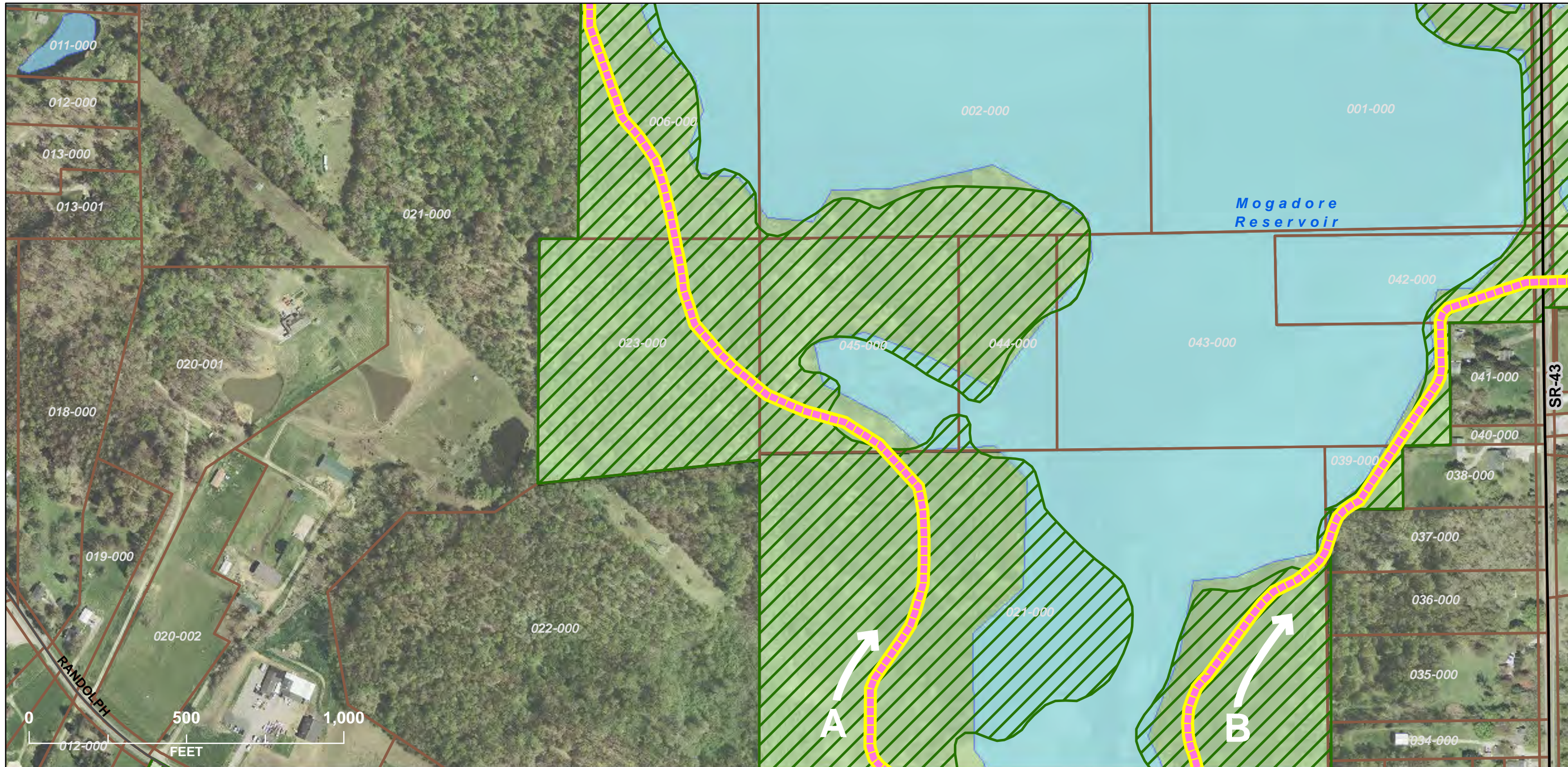
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

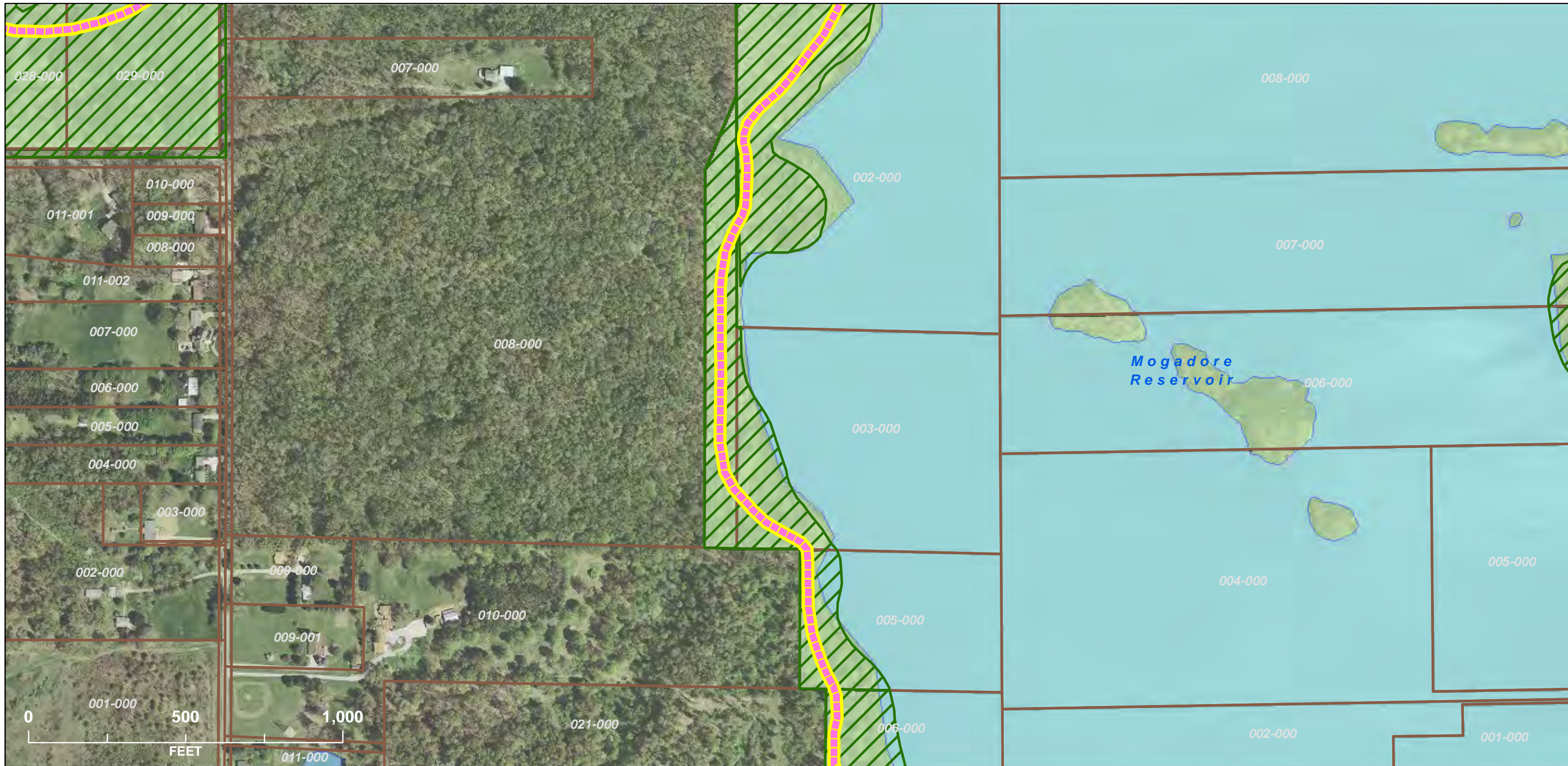
-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA





	<b>PRIORITY ROUTES</b>	— COUNTY ROADS	LAKE
	WIDENED SIDEWALK	— STATE ROUTES	PUBLIC LAND
	PROPOSED PATH (ON-ROAD)	— US ROUTES	STUDY AREA
	PROPOSED PATH (OFF-ROAD)	— RIVER	PARCELS
	BUCKEYE TRAIL		PROTECTED AREA





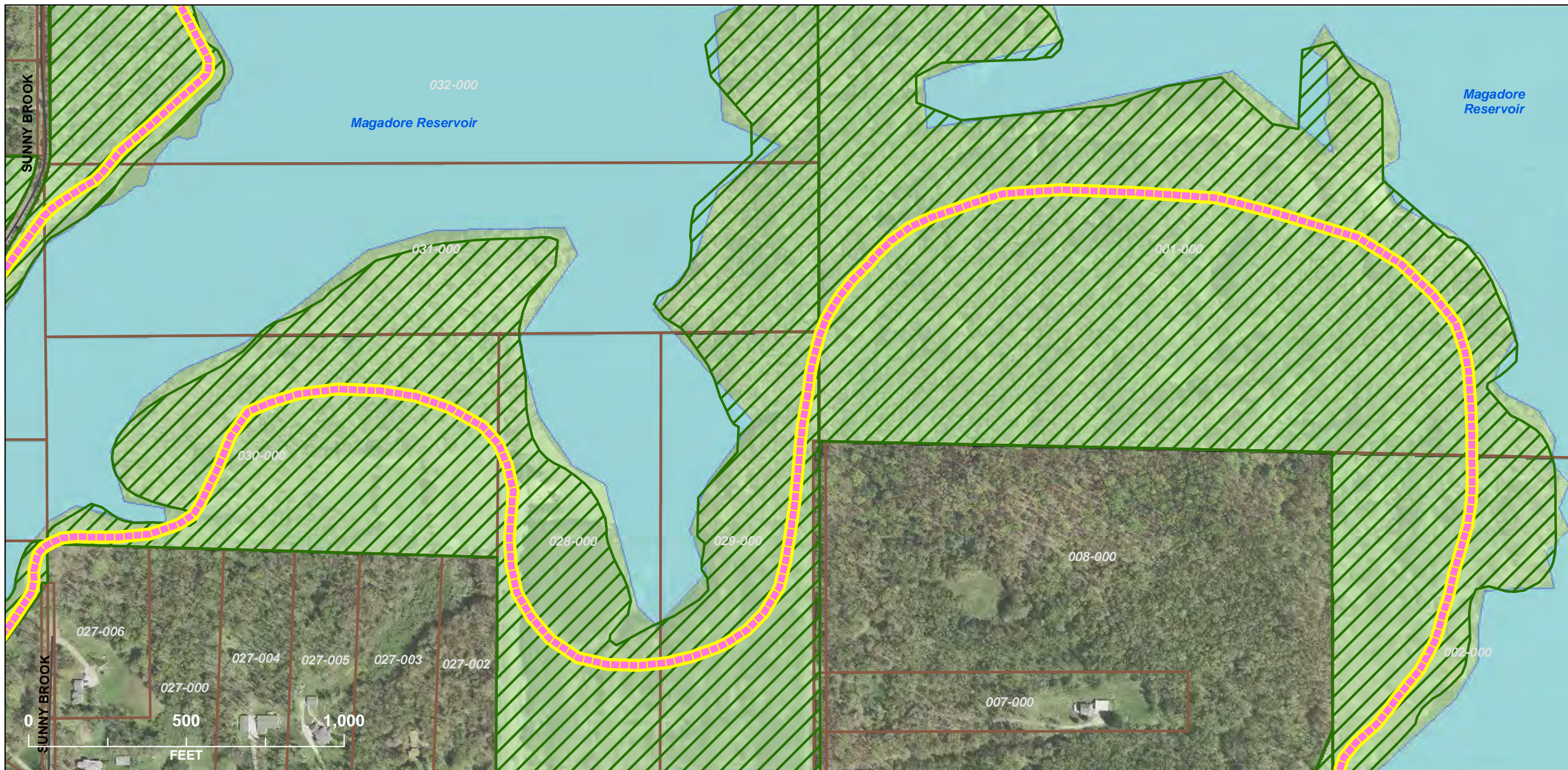
**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA





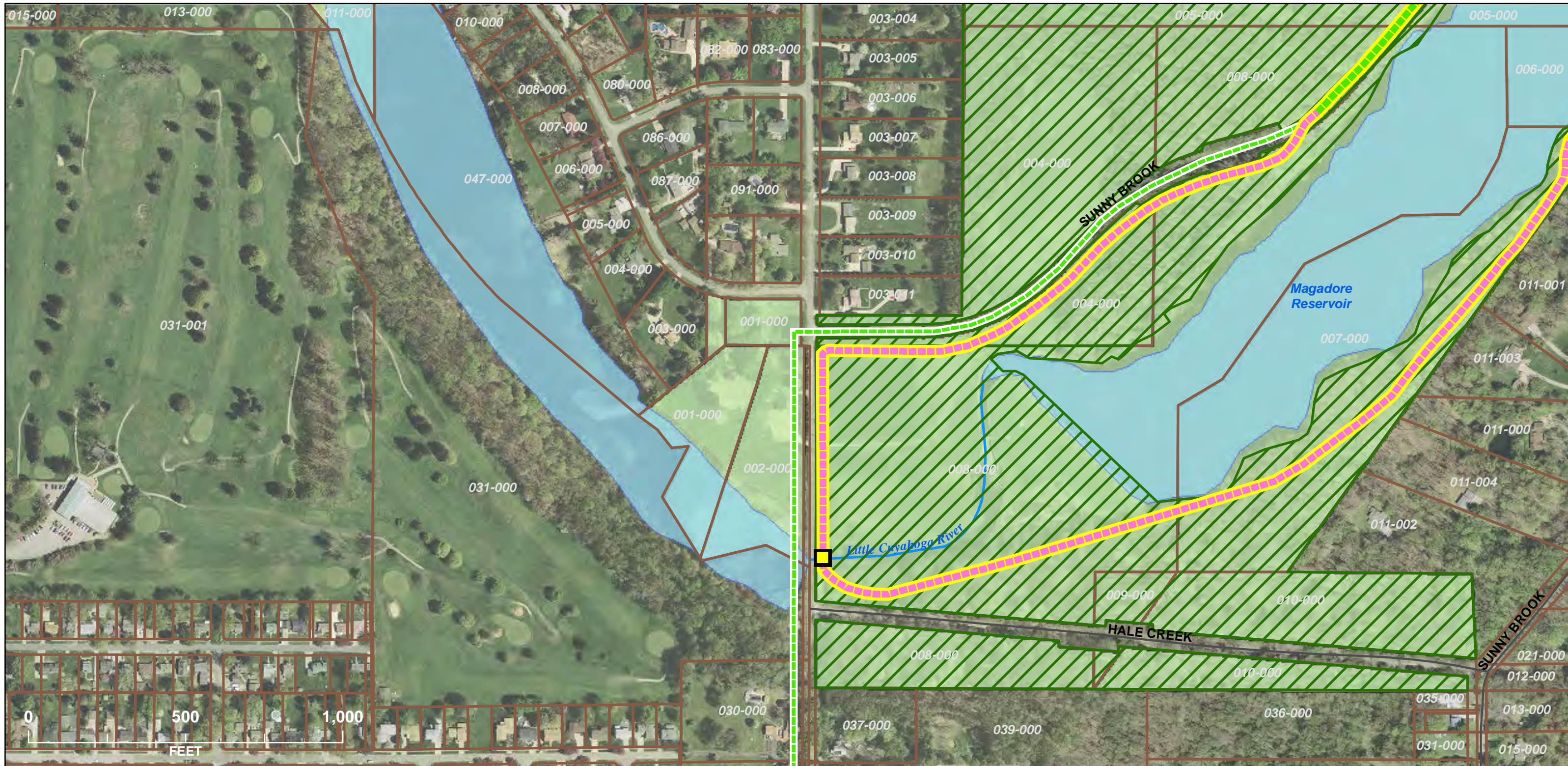
**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

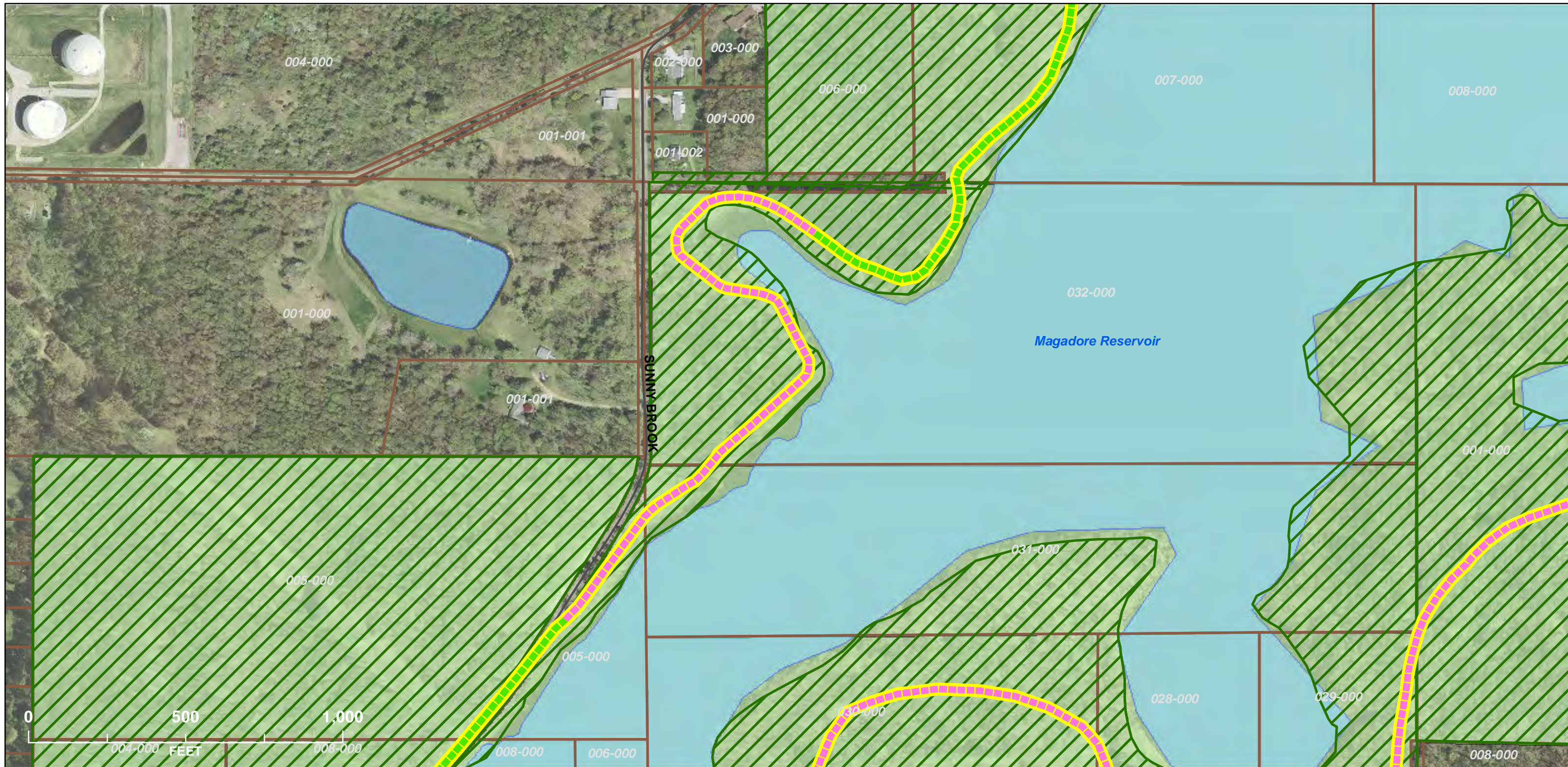
- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA













	<b>PRIORITY ROUTES</b>	BUCKEYE TRAIL	LAKE
	WIDENED SIDEWALK	COUNTY ROADS	PUBLIC LAND
	PROPOSED PATH (ON-ROAD)	STATE ROUTES	STUDY AREA
	PROPOSED PATH (OFF-ROAD)	US ROUTES	PARCELS
	BUCKEYE TRAIL	RIVER	PROTECTED AREA










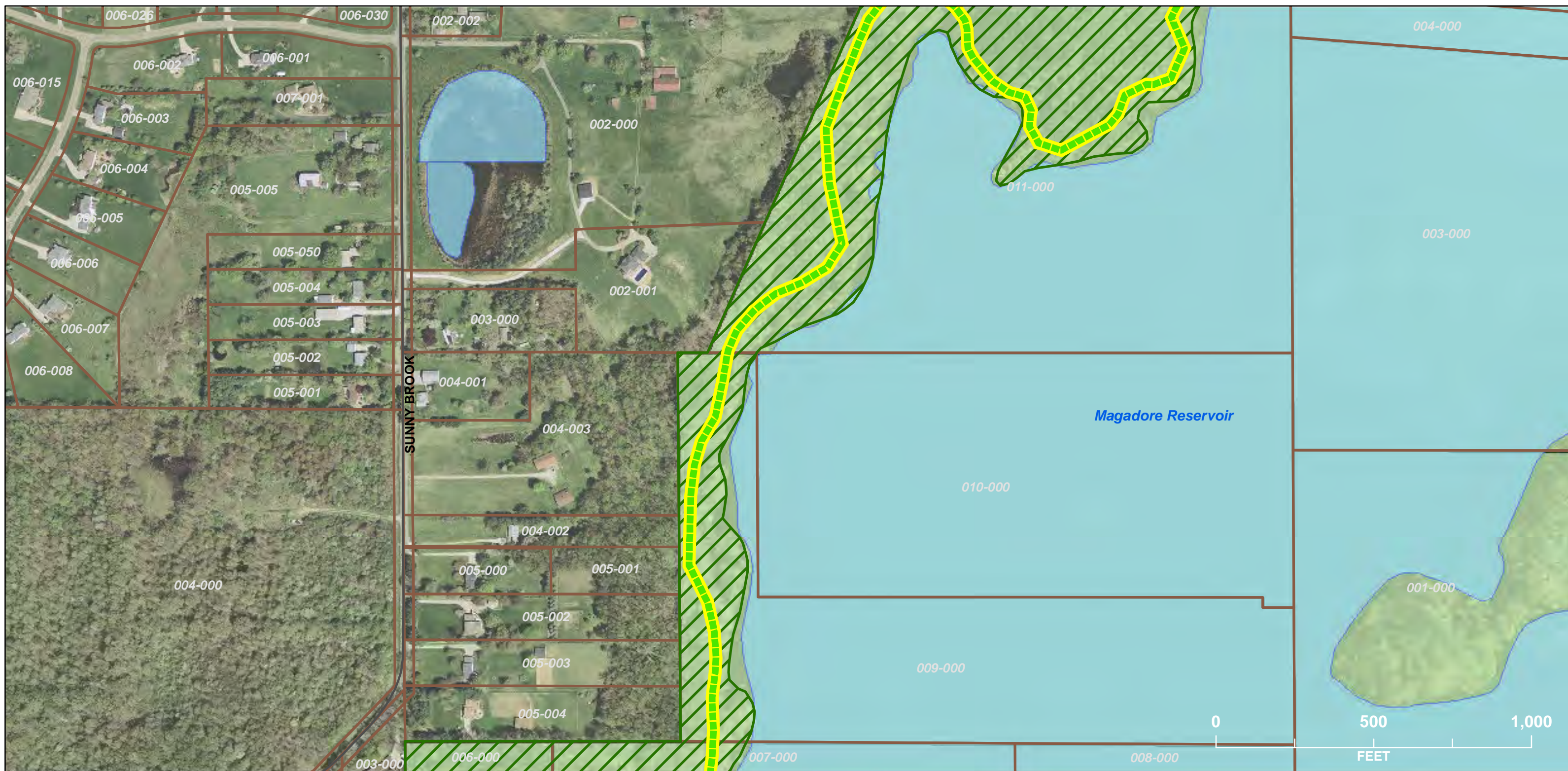
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA





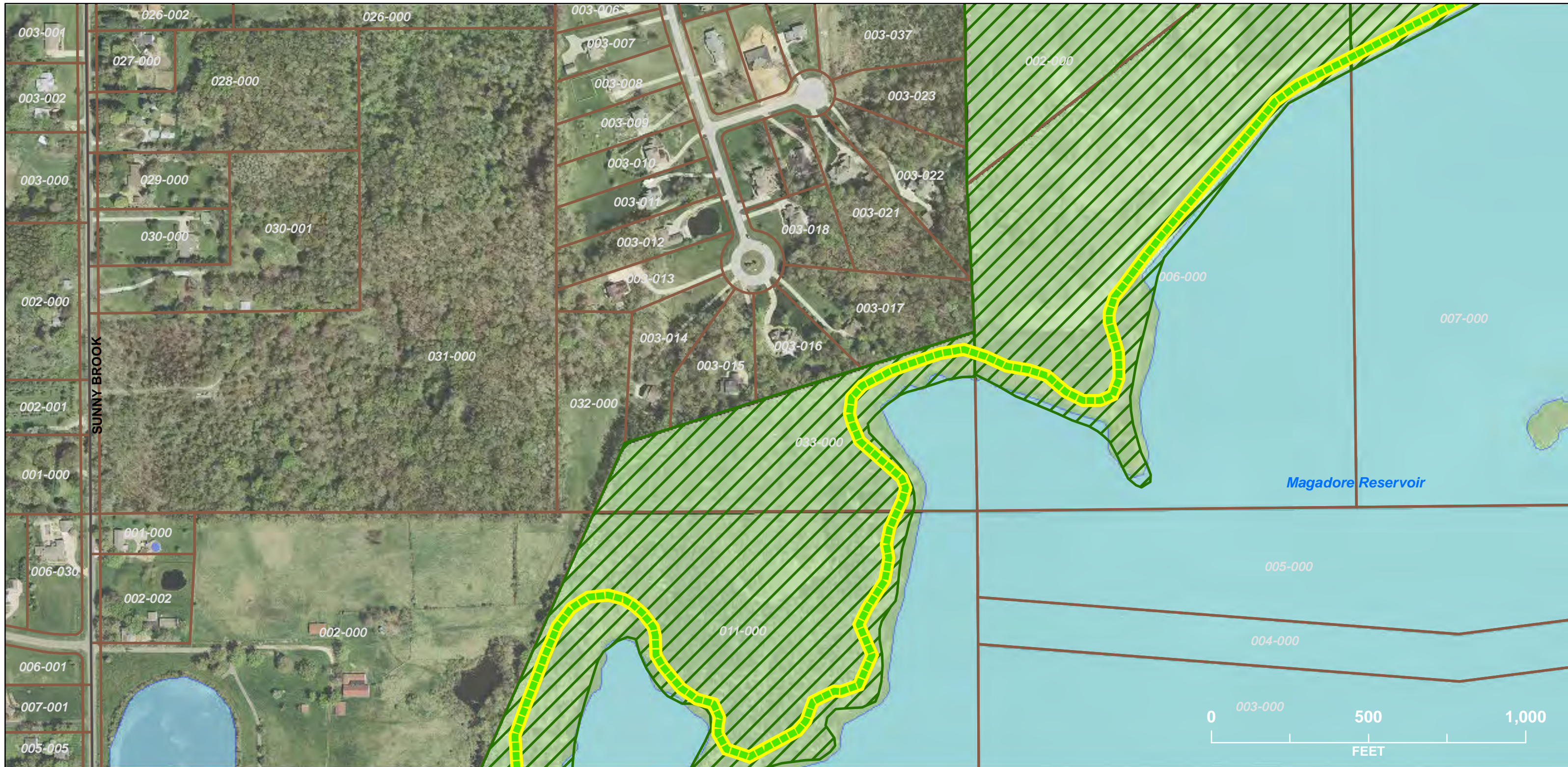
**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA





**PRIORITY ROUTES**

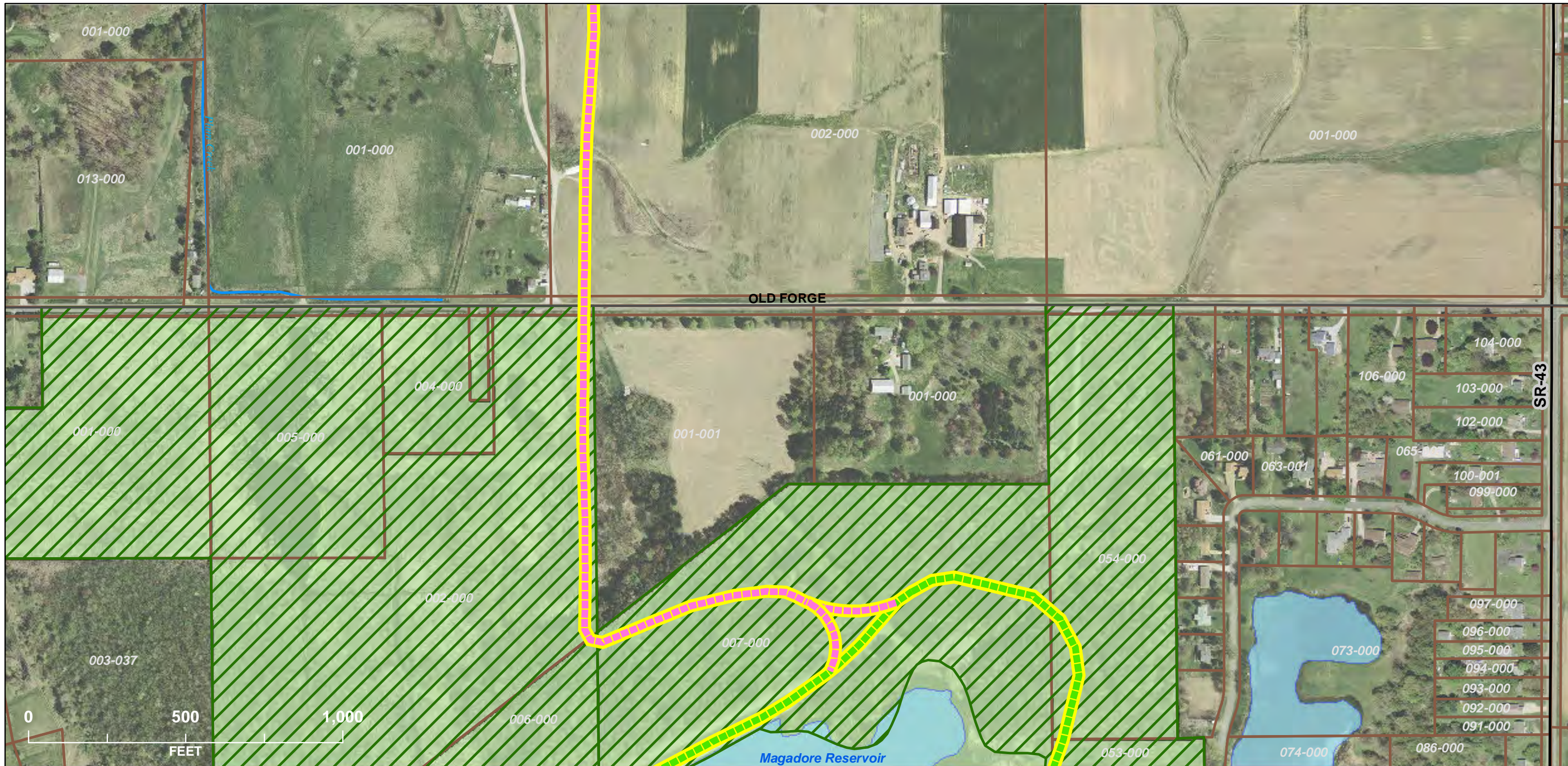
- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER





- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA

















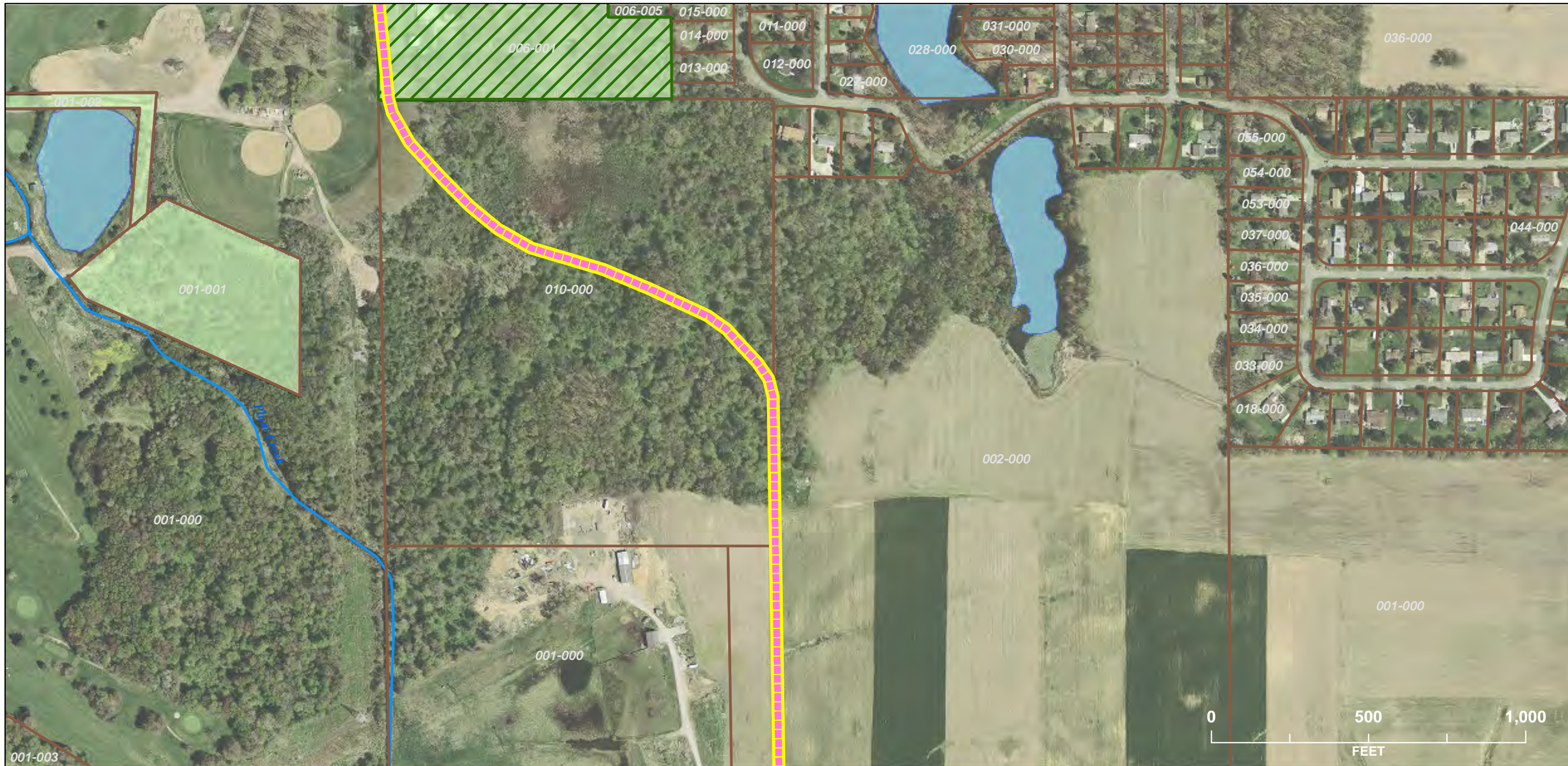
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  BUCKEYE TRAIL
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA





N



**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

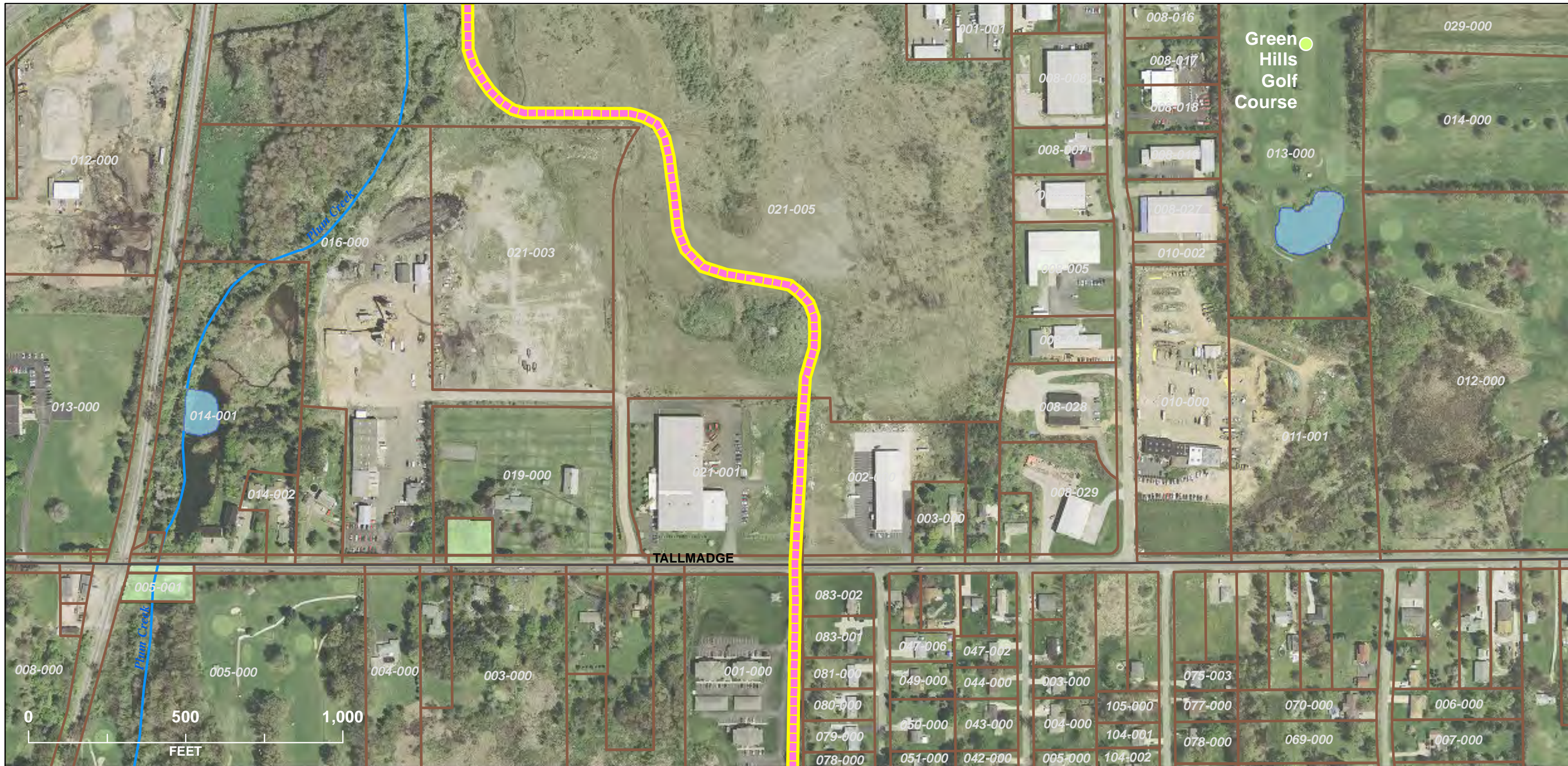
- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA











**Green Hills  
Golf Course**

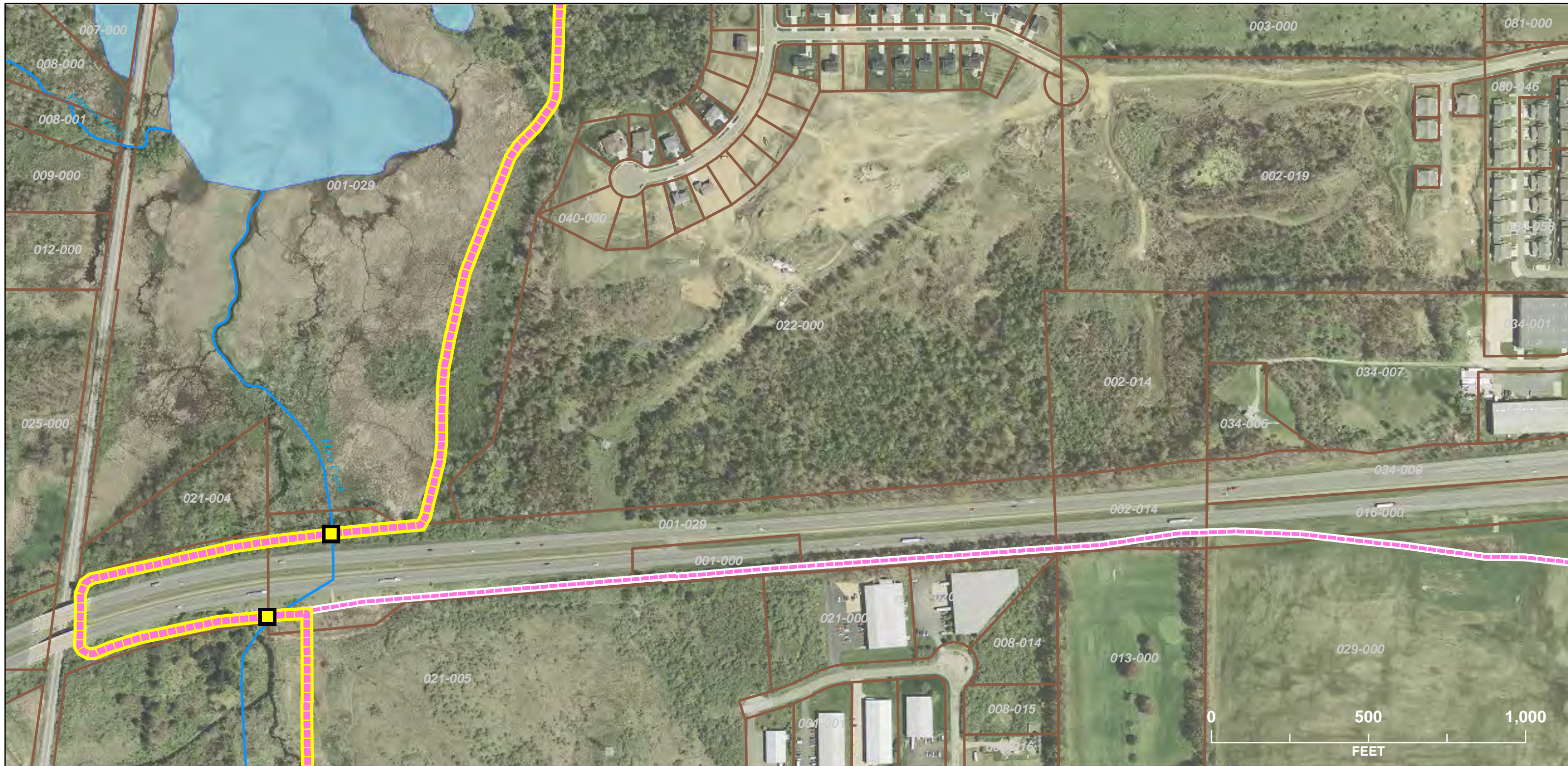
**TALLMADGE**







- |                               |                            |                     |               |
|-------------------------------|----------------------------|---------------------|---------------|
| <b>POTENTIAL DESTINATIONS</b> | <b>PRIORITY ROUTES</b>     | <b>COUNTY ROADS</b> | <b>LAKE</b>   |
| ● COMMERCIAL                  | ■ WIDENED SIDEWALK         | — STATE ROUTES      | ■ PUBLIC LAND |
| ● PARK                        | ■ PROPOSED PATH (ON-ROAD)  | — US ROUTES         | ■ STUDY AREA  |
| ● RECREATION                  | ■ PROPOSED PATH (OFF-ROAD) | ▭ PARCELS           |               |
| ● SCHOOL                      | ■ BUCKEYE TRAIL            | — RIVER             |               |
















**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  PROPOSED PATH (OFF-ROAD)
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

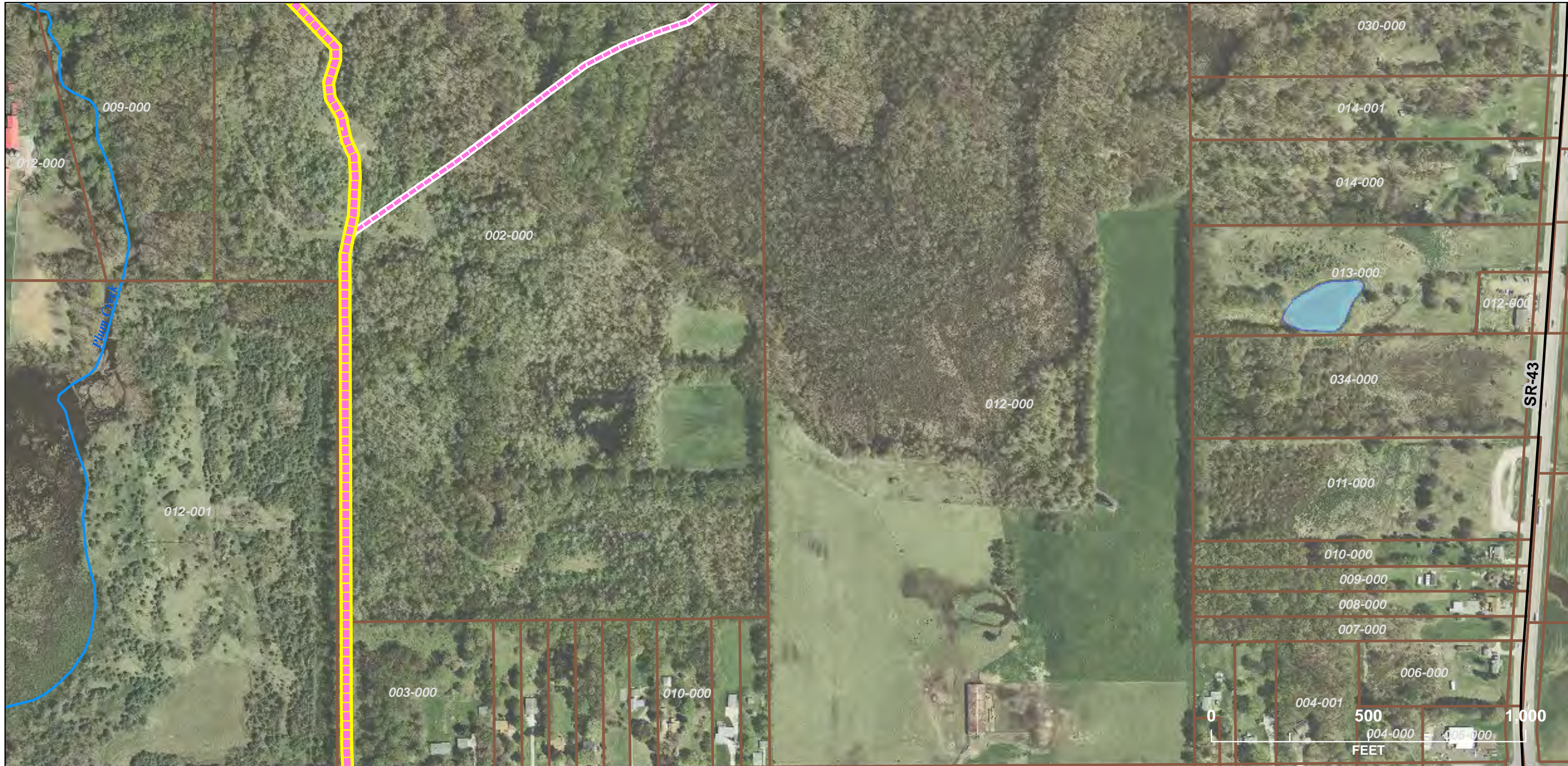
-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS











**PRIORITY ROUTES**

WIDENED SIDEWALK

PROPOSED PATH (ON-ROAD)

PROPOSED PATH (OFF-ROAD)

BUCKEYE TRAIL

PROPOSED PATH (OFF-ROAD)

COUNTY ROADS

STATE ROUTES

US ROUTES

RIVER

LAKE

PUBLIC LAND





STUDY AREA






PARCELS










**PRIORITY ROUTES**

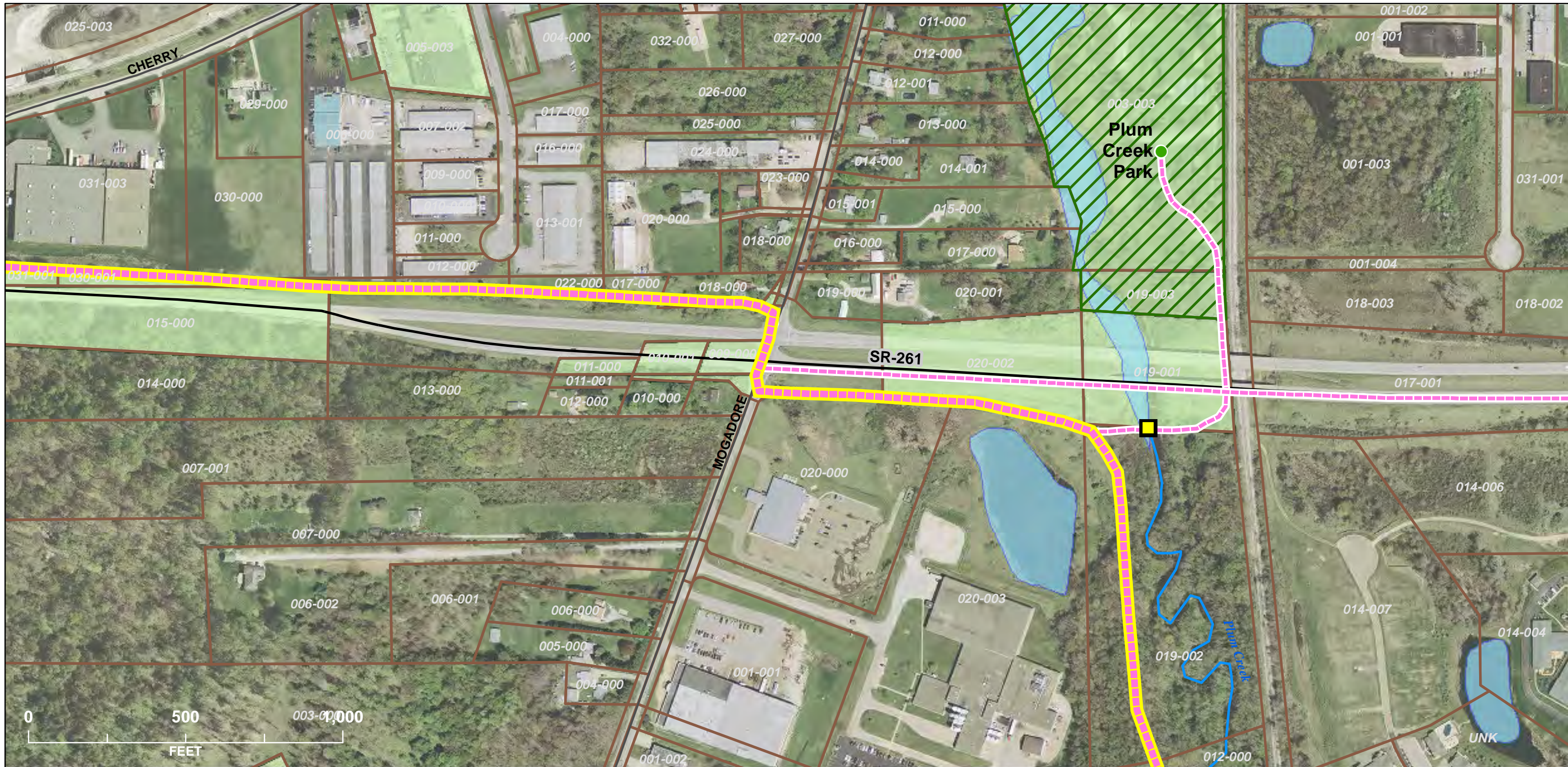
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  PROPOSED BRIDGE/CULVERT
-  PROPOSED PATH (OFF-ROAD)
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES

-  PARCELS
-  RIVER
-  LAKE
-  PUBLIC LAND
-  STUDY AREA

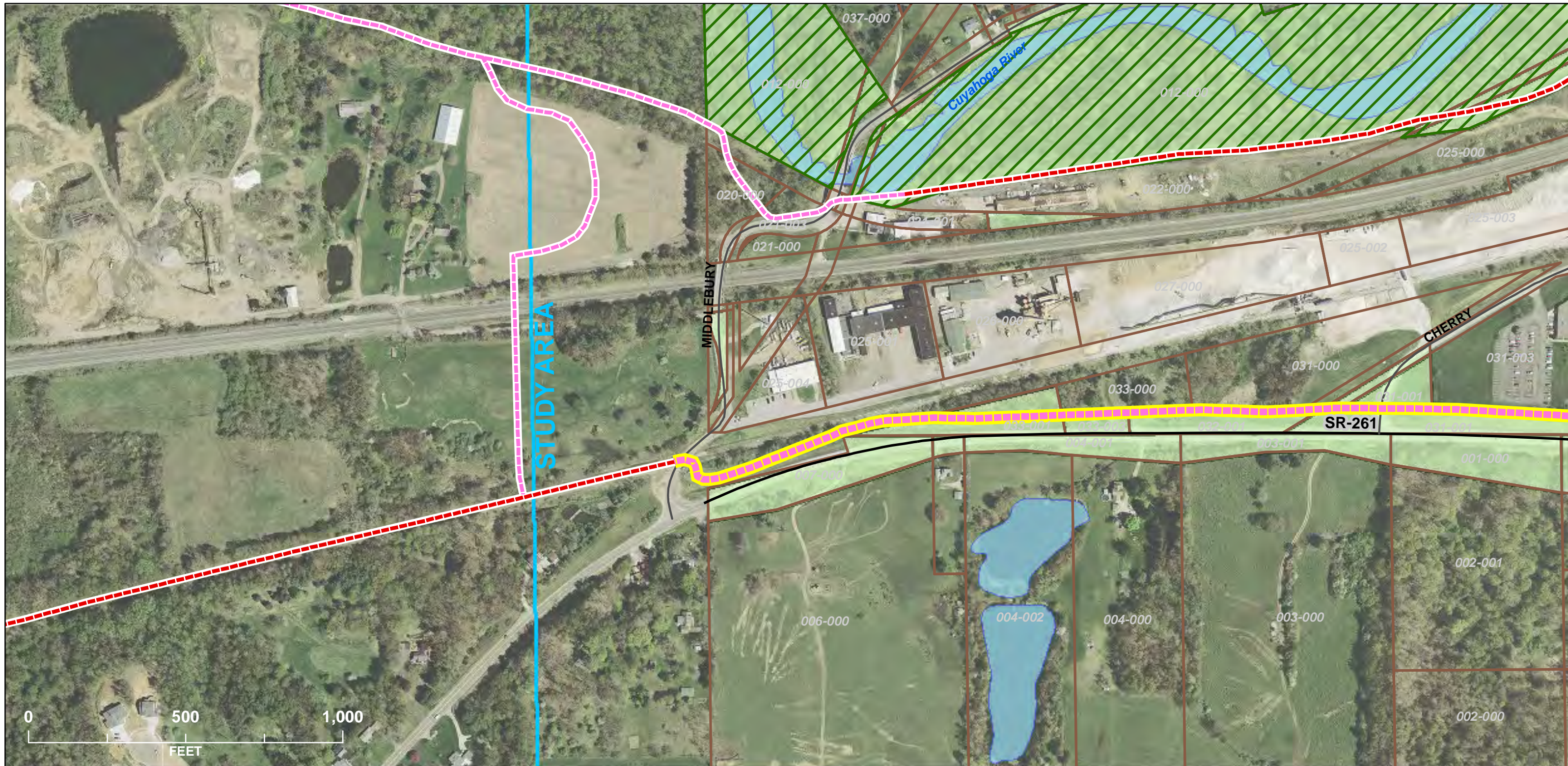















	<b>POTENTIAL DESTINATIONS</b>	<b>PRIORITY ROUTES</b>	PROPOSED PATH (OFF-ROAD)	RIVER	PROTECTED AREA
	COMMERCIAL	WIDENED SIDEWALK	PROPOSED BRIDGE/CULVERT	LAKE	
	PARK	PROPOSED PATH (ON-ROAD)	COUNTY ROADS	PUBLIC LAND	
	RECREATION	PROPOSED PATH (OFF-ROAD)	STATE ROUTES	STUDY AREA	
SCHOOL	BUCKEYE TRAIL	US ROUTES	PARCELS		










**PRIORITY ROUTES**

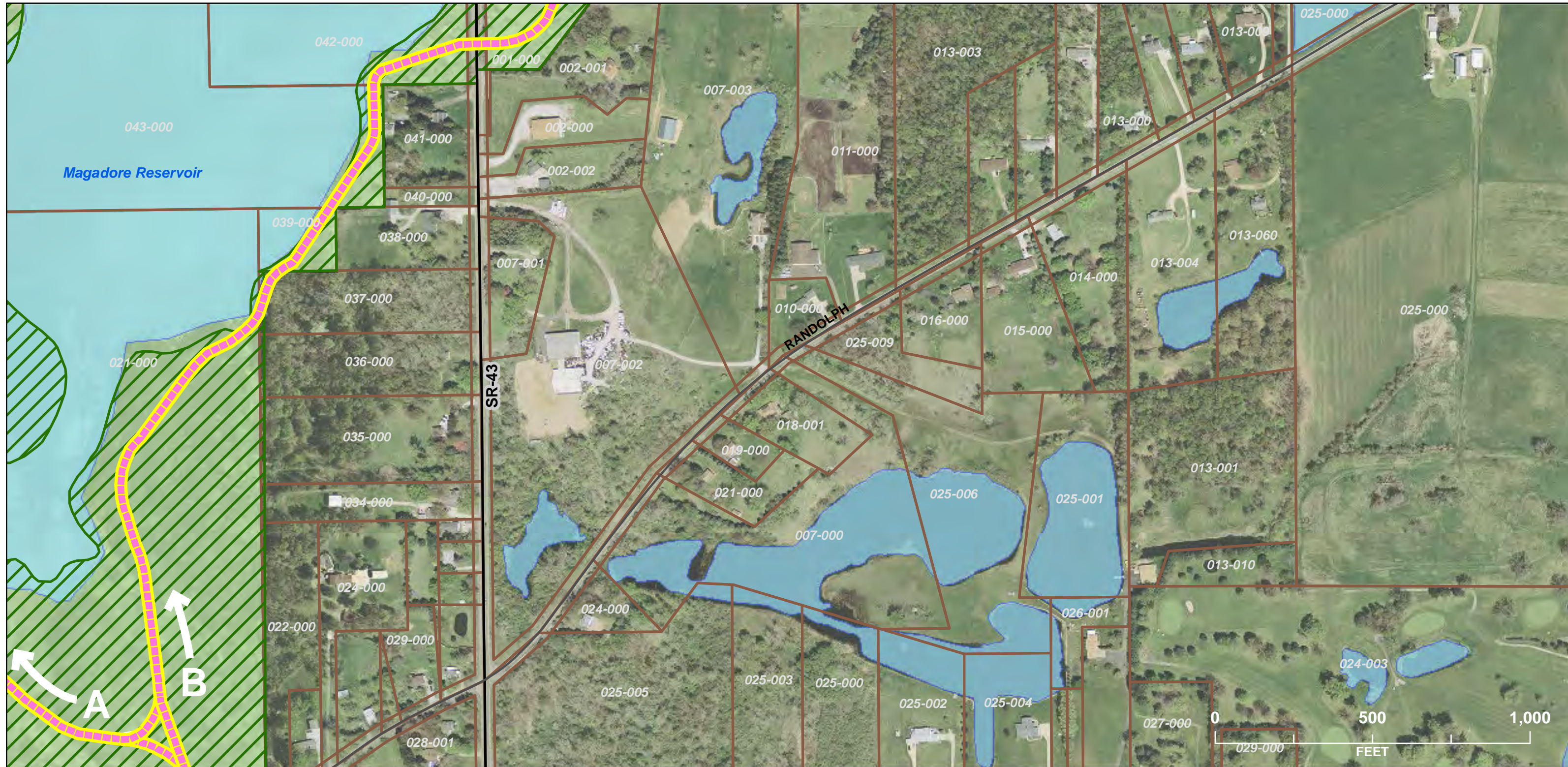
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  PROPOSED PATH (OFF-ROAD)
-  EXISTING PATH
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES

-  RIVER
-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS

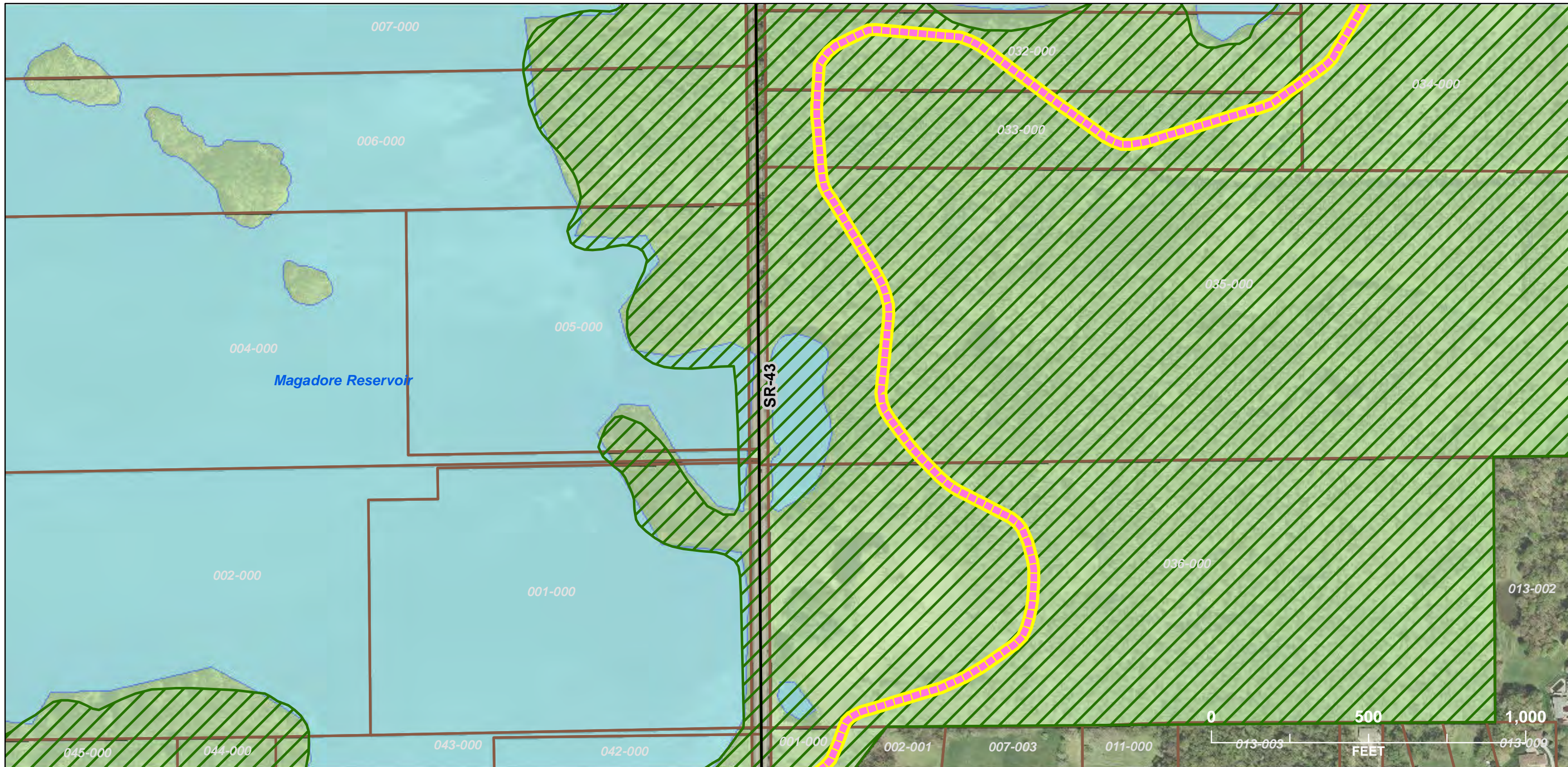
-  PROTECTED AREA












	<b>PRIORITY ROUTES</b>	— COUNTY ROADS	■ LAKE
	■ WIDENED SIDEWALK	— STATE ROUTES	■ PUBLIC LAND
	■ PROPOSED PATH (ON-ROAD)	— US ROUTES	■ STUDY AREA
	■ PROPOSED PATH (OFF-ROAD)	— RIVER	■ PARCELS
■ BUCKEYE TRAIL		■ PROTECTED AREA	










**PRIORITY ROUTES**

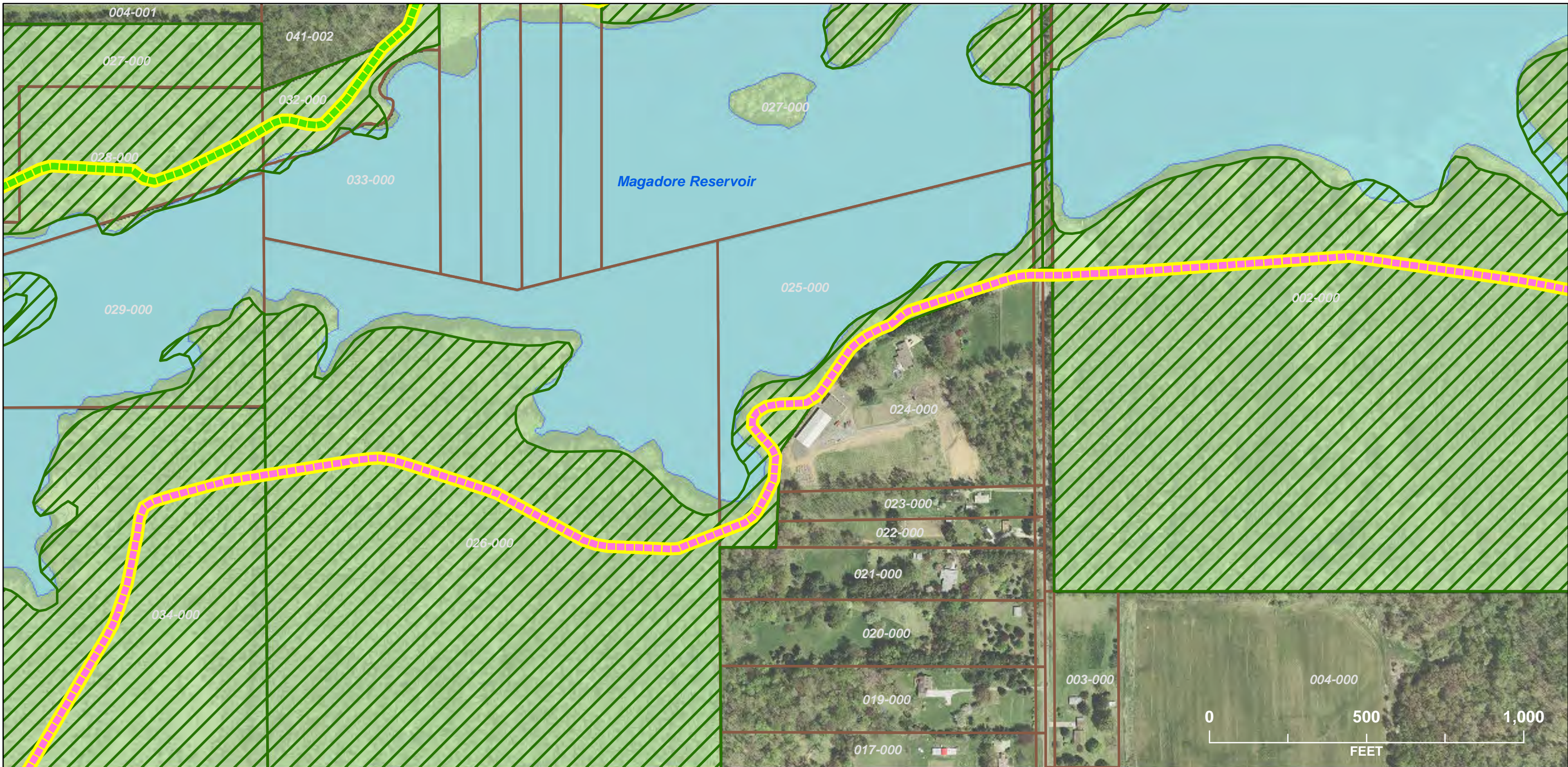
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA

















**PRIORITY ROUTES**

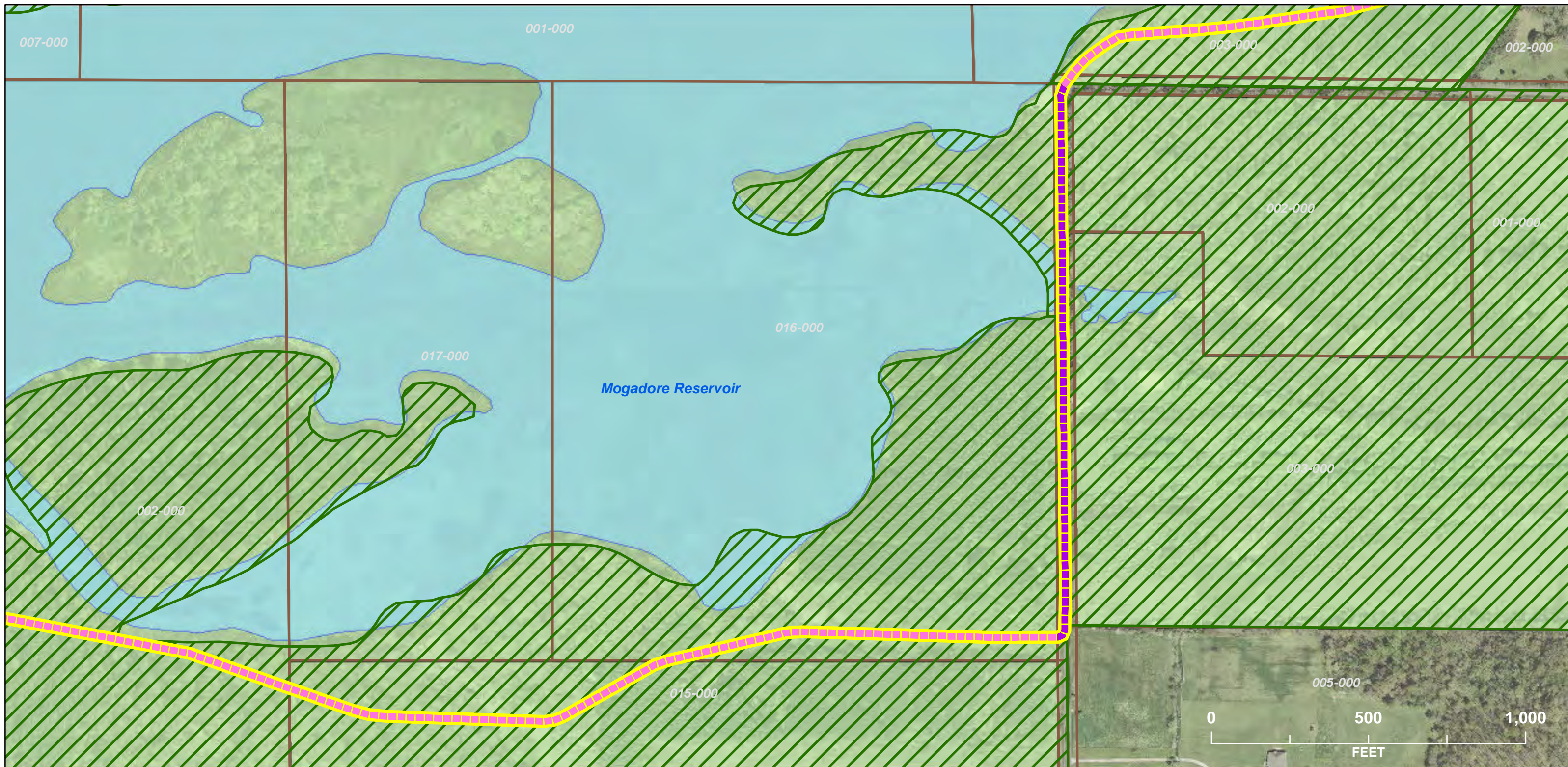
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  BUCKEYE TRAIL
-  PROPOSED BRIDGE/CULVERT
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES





-  RIVER
-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS





-  PROTECTED AREA










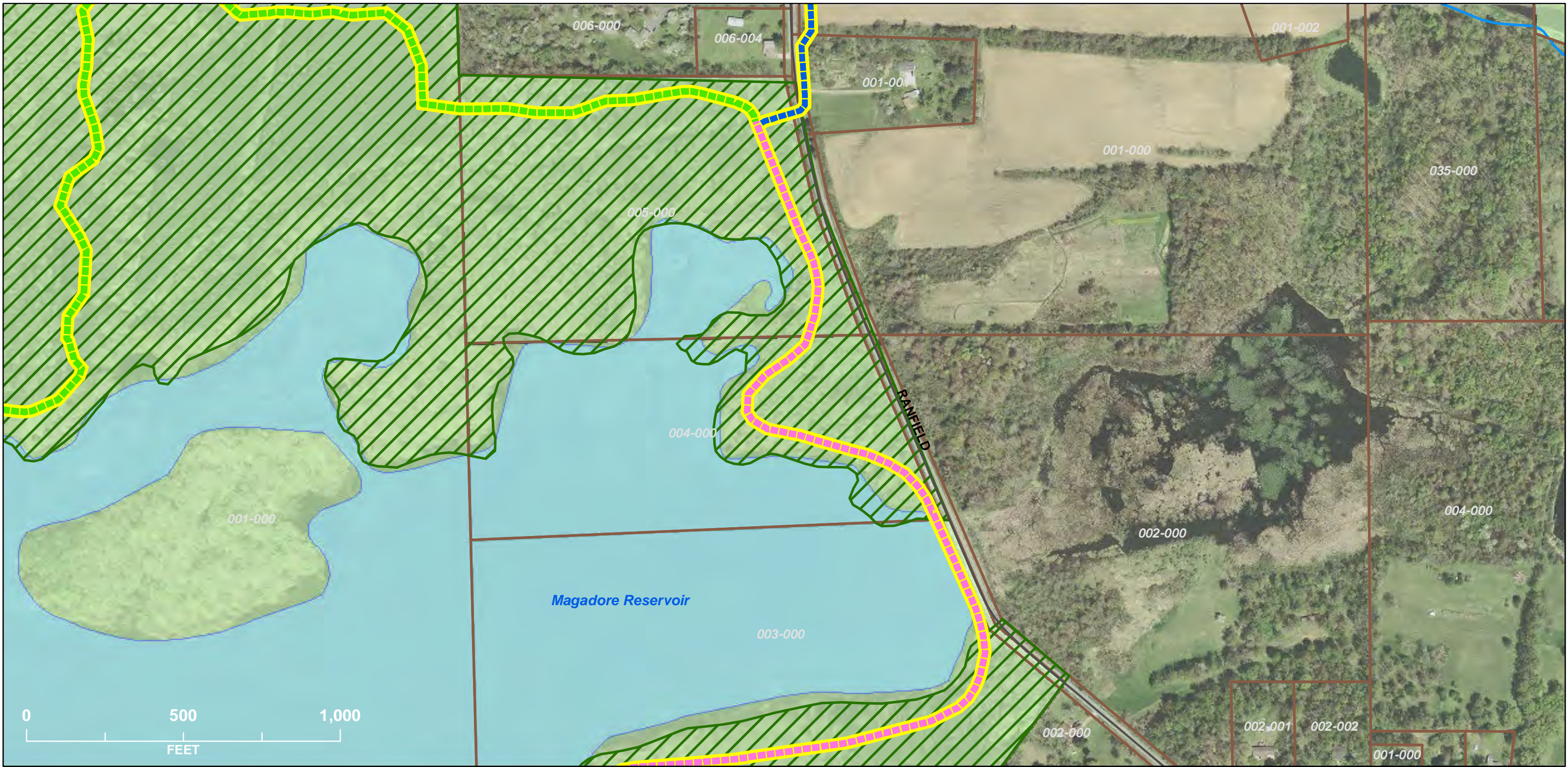
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL





-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA










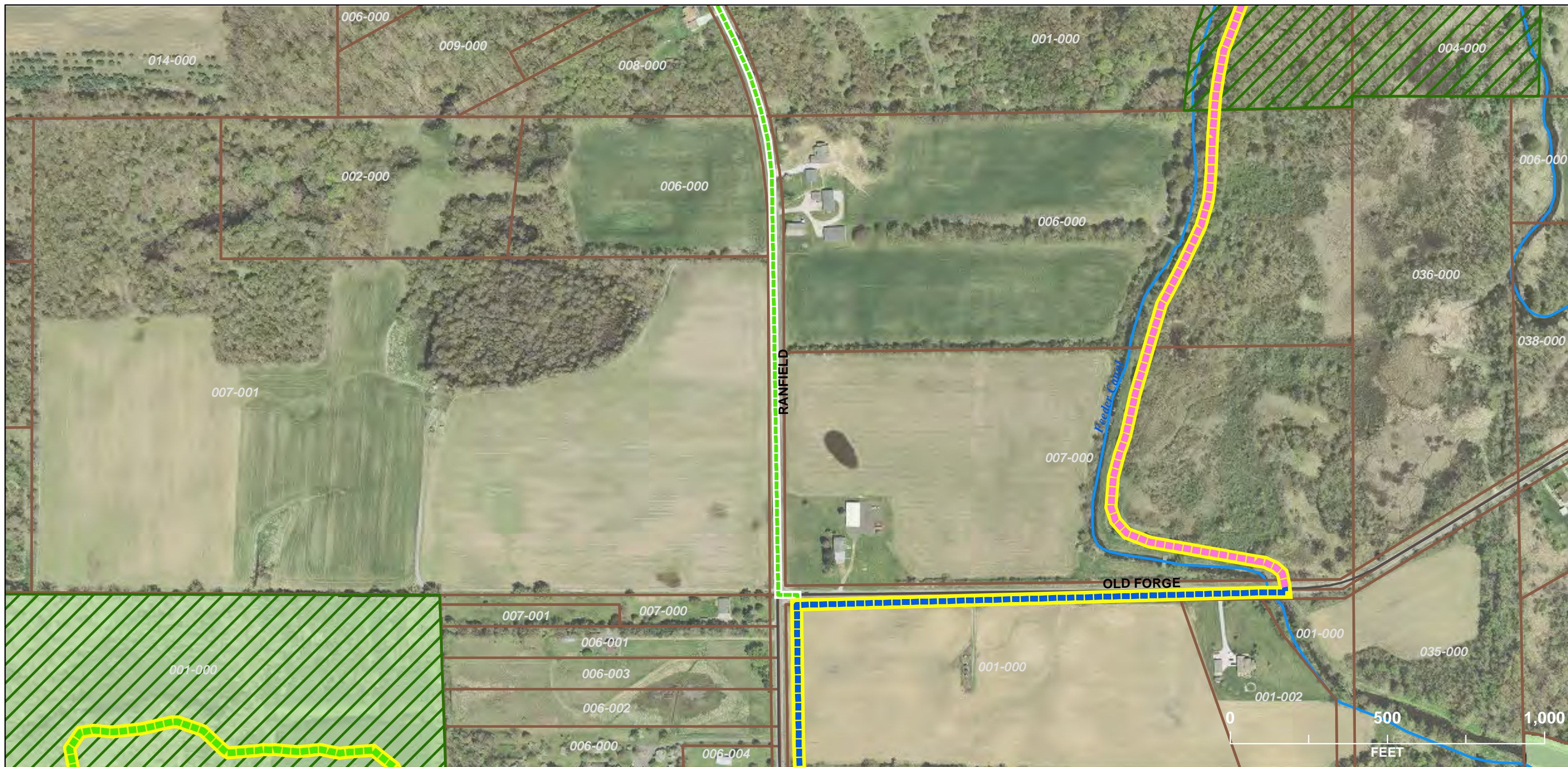
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL





-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER






-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA










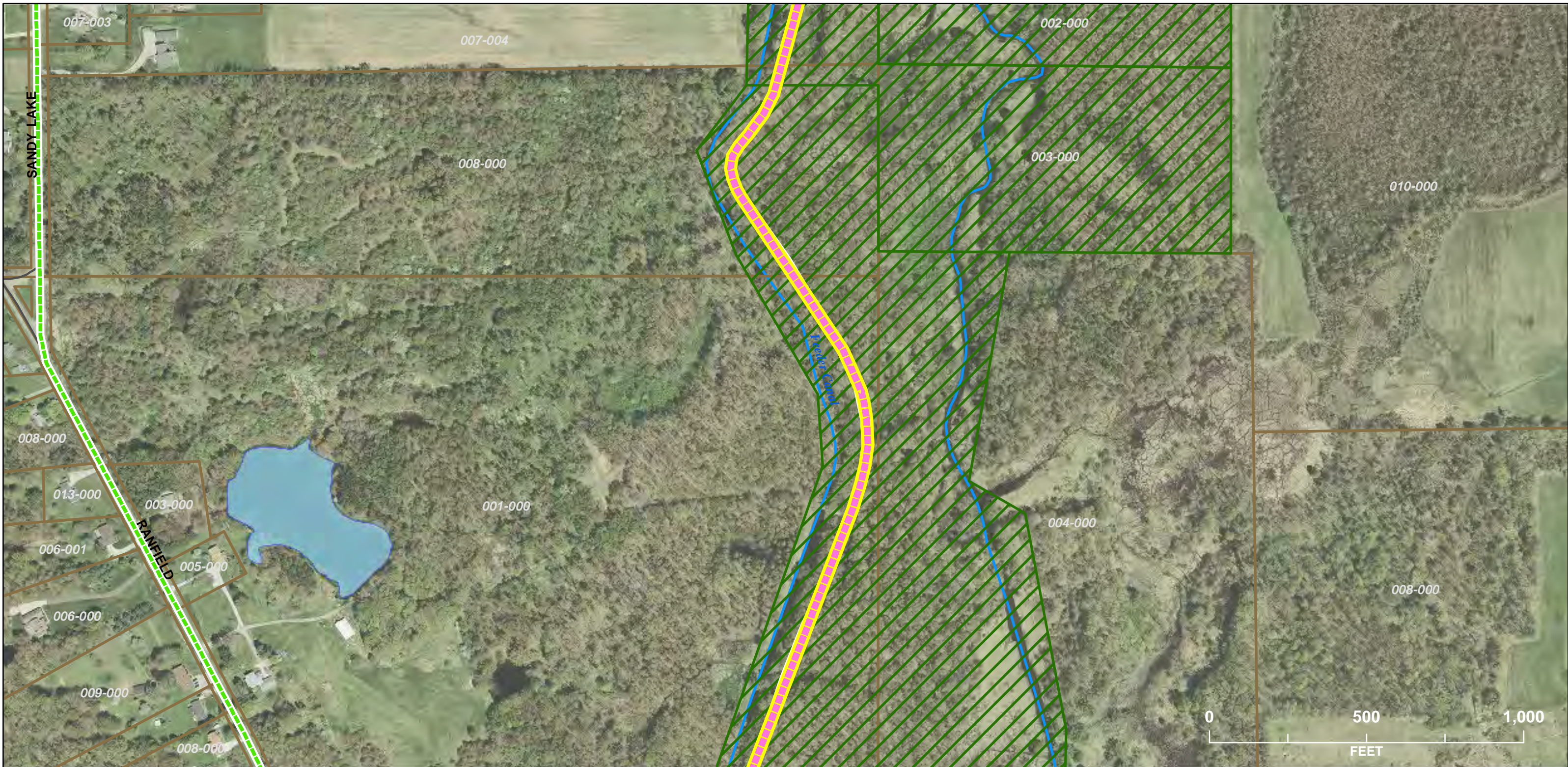
**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  BUCKEYE TRAIL
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS
-  PROTECTED AREA





**PRIORITY ROUTES**

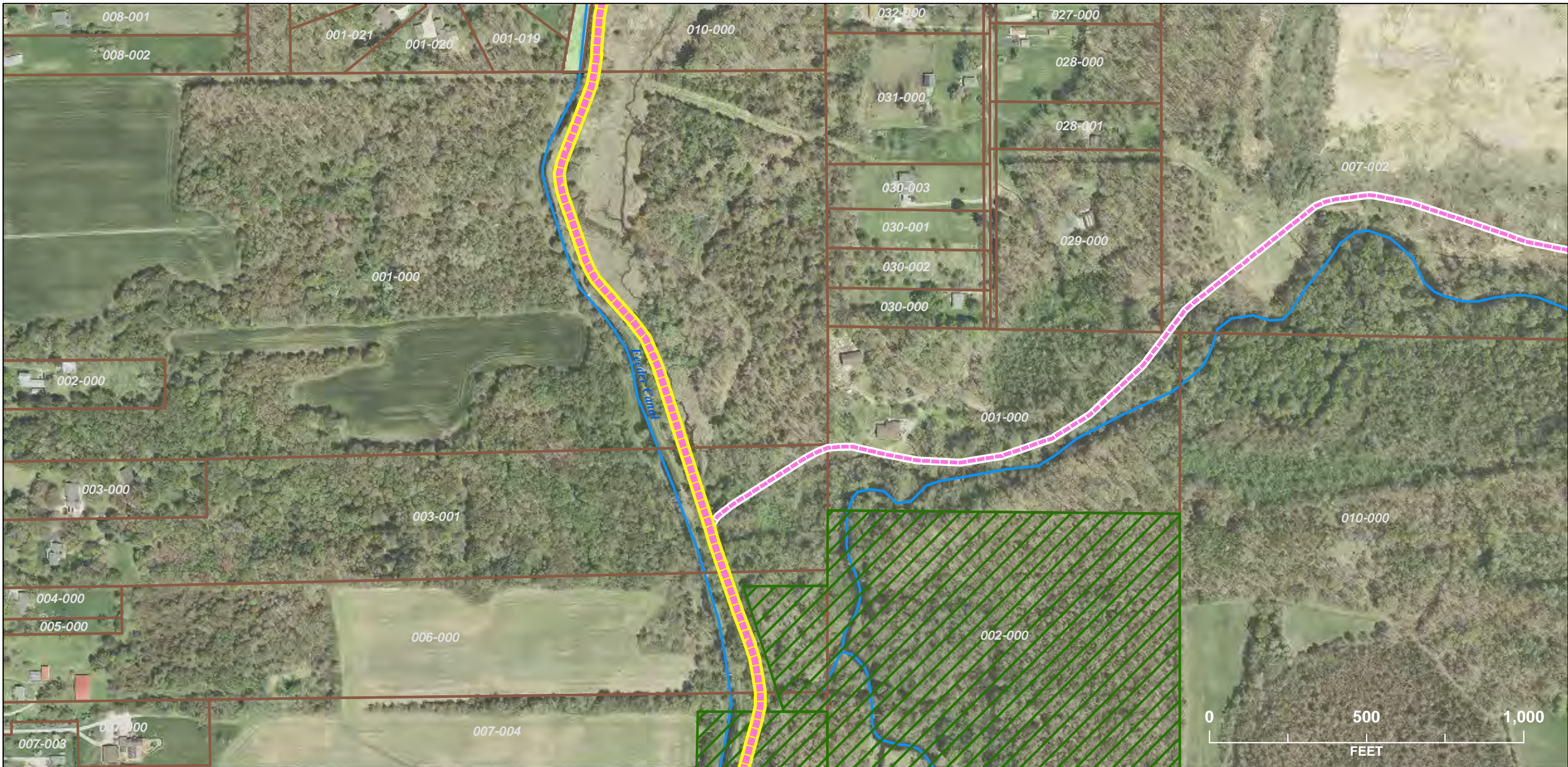
- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

- BUCKEYE TRAIL
- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS
- PROTECTED AREA







**PRIORITY ROUTES**

WIDENED SIDEWALK

PROPOSED PATH (ON-ROAD)

PROPOSED PATH (OFF-ROAD)

BUCKEYE TRAIL

PROPOSED PATH (OFF-ROAD)

COUNTY ROADS

STATE ROUTES

US ROUTES

RIVER

LAKE

PUBLIC LAND

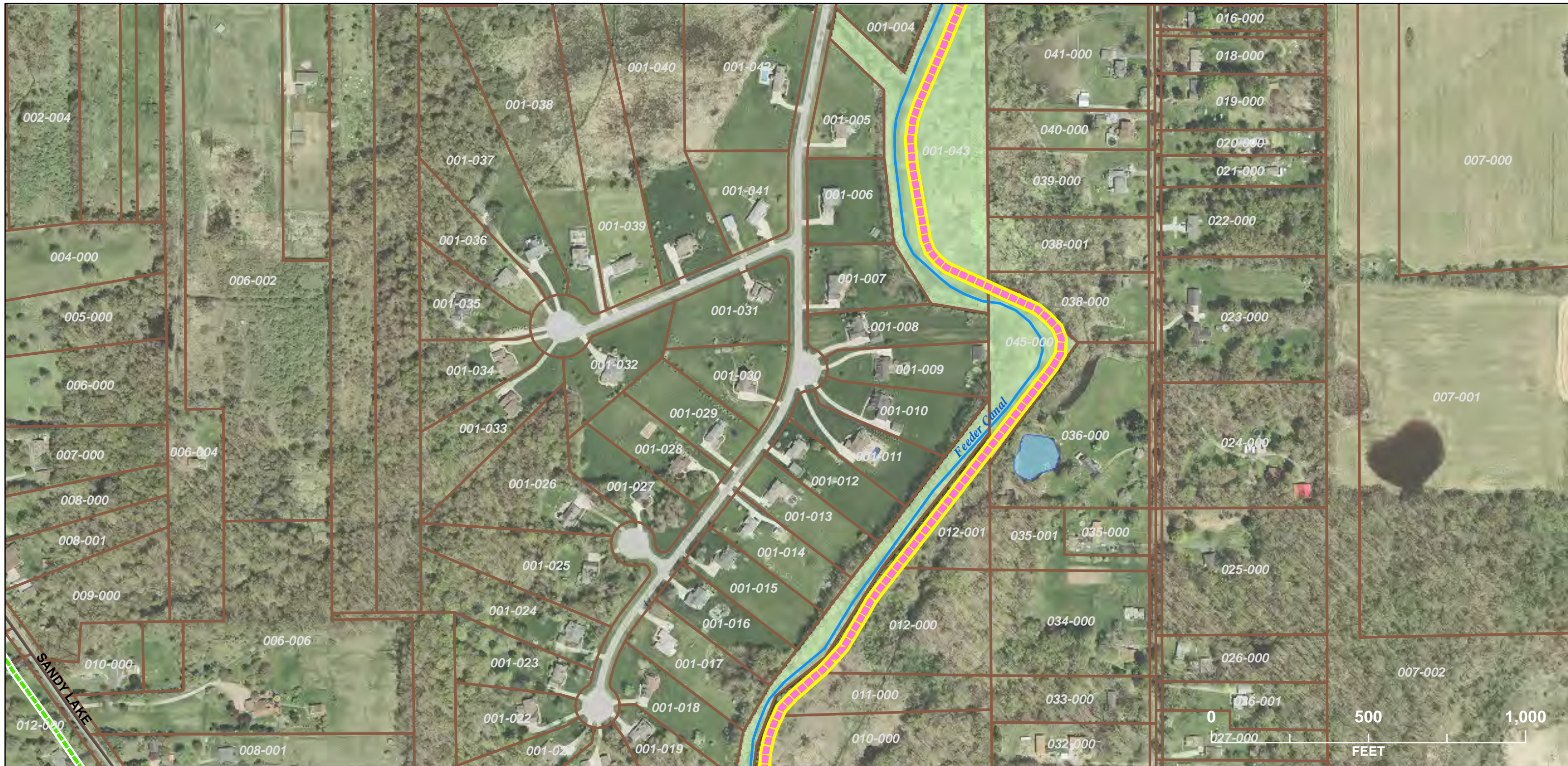
STUDY AREA

PARCELS





PROTECTED AREA
















**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL





-  BUCKEYE TRAIL
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS









**PRIORITY ROUTES**

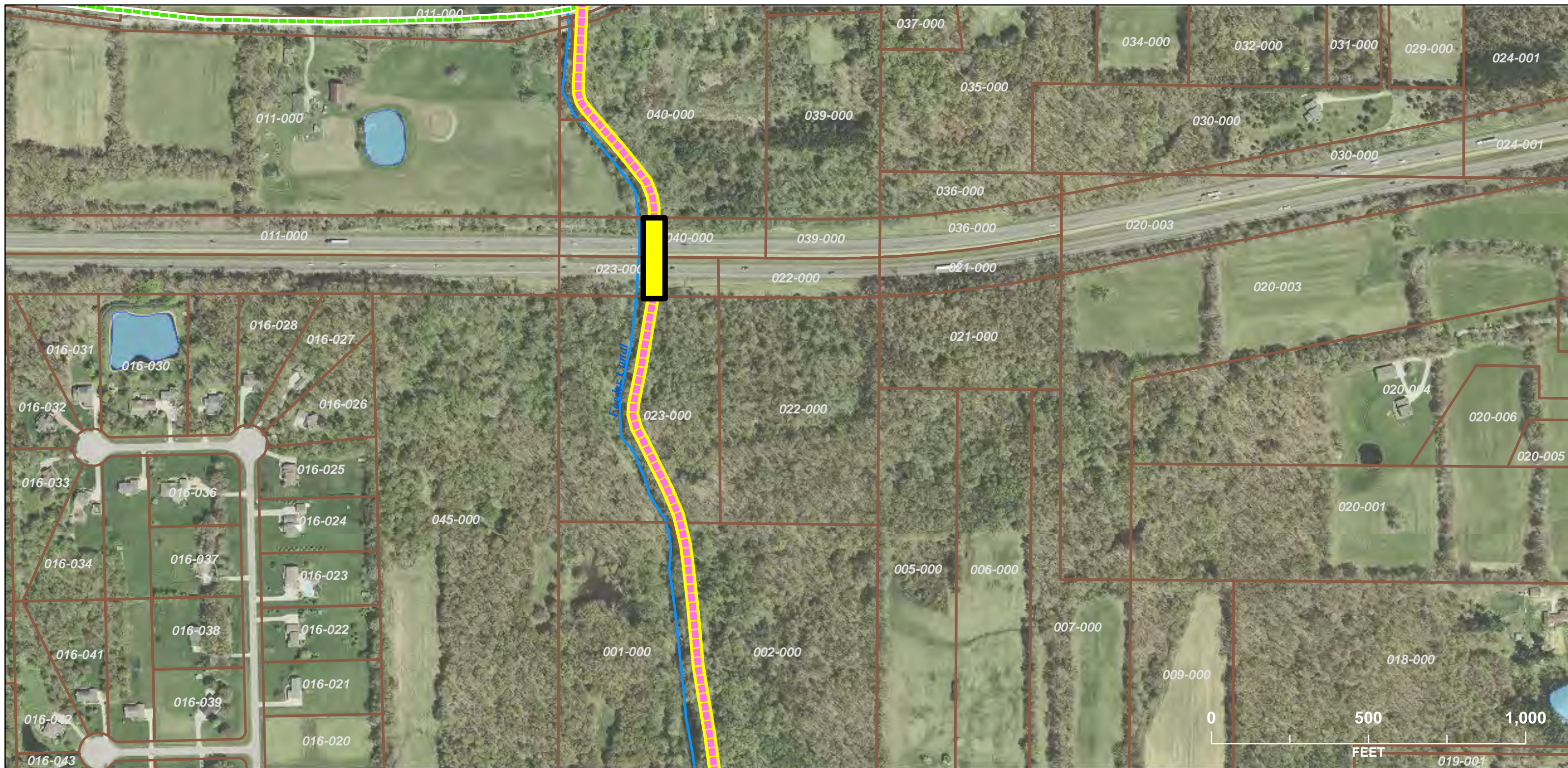
-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS

















**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  BUCKEYE TRAIL
-  PROPOSED BRIDGE/CULVERT
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES

-  RIVER
-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS

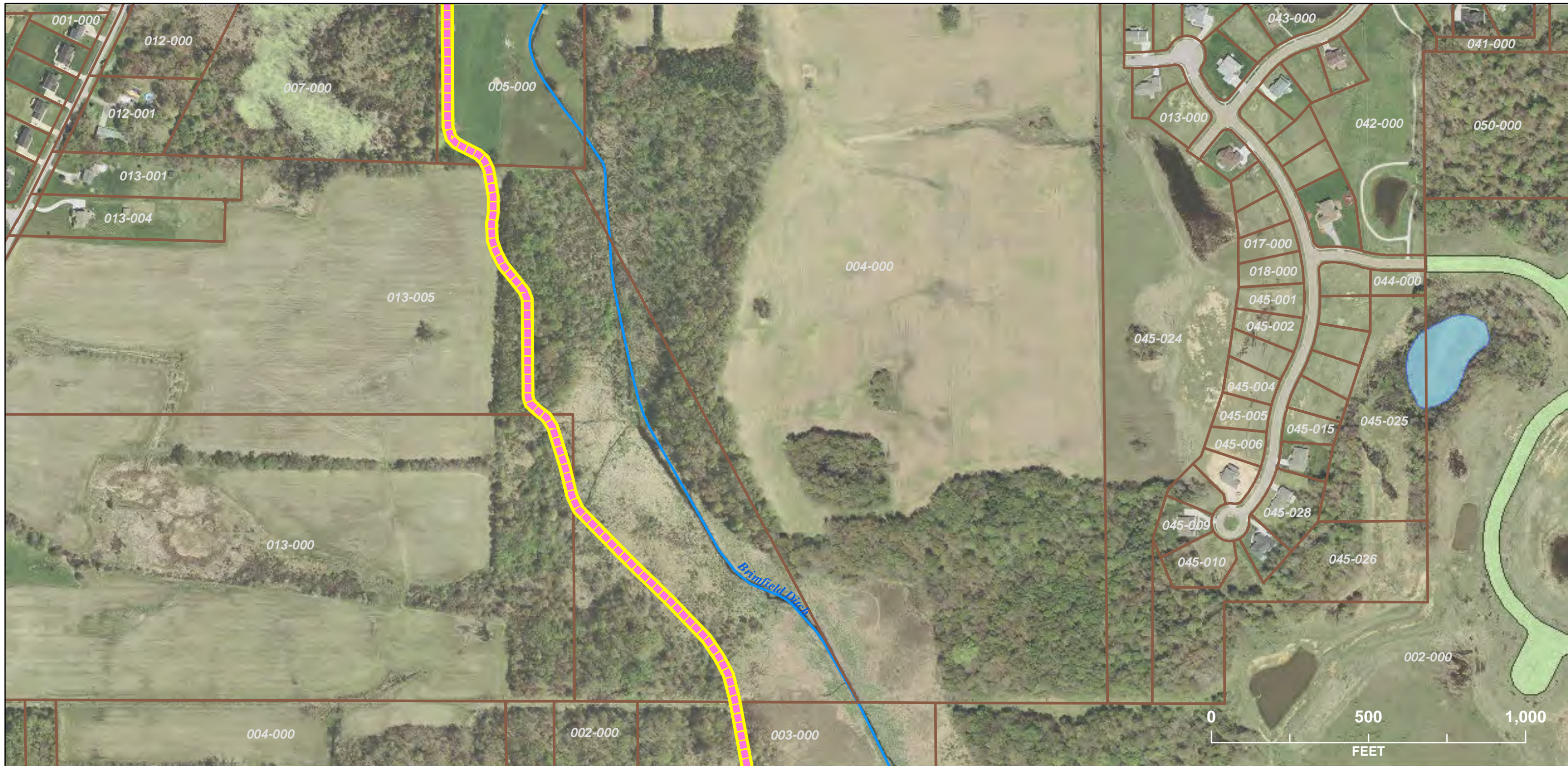














	<b>PRIORITY ROUTES</b>	PROPOSED PATH (OFF-ROAD)	COUNTY ROADS	LAKE
	WIDENED SIDEWALK	BUCKEYE TRAIL	STATE ROUTES	PUBLIC LAND
	PROPOSED PATH (ON-ROAD)	PROPOSED BRIDGE/CULVERT	US ROUTES	STUDY AREA
	PROPOSED PATH (OFF-ROAD)		RIVER	PARCELS
BUCKEYE TRAIL			PROTECTED AREA	









**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL





-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER





-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS









**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL





-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER






-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS









**PRIORITY ROUTES**

-  WIDENED SIDEWALK
-  PROPOSED PATH (ON-ROAD)
-  PROPOSED PATH (OFF-ROAD)
-  BUCKEYE TRAIL

-  PROPOSED PATH (OFF-ROAD)
-  COUNTY ROADS
-  STATE ROUTES
-  US ROUTES
-  RIVER

-  LAKE
-  PUBLIC LAND
-  STUDY AREA
-  PARCELS







**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL

**POTENTIAL DESTINATIONS**

- COMMERCIAL
- PARK
- RECREATION
- SCHOOL

**PROPOSED PATH (OFF-ROAD)**

- PROPOSED PATH (OFF-ROAD)
- WIDENED SIDEWALKS
- EXISTING PATH

**COUNTY ROADS**

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

**LAKE**

- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS



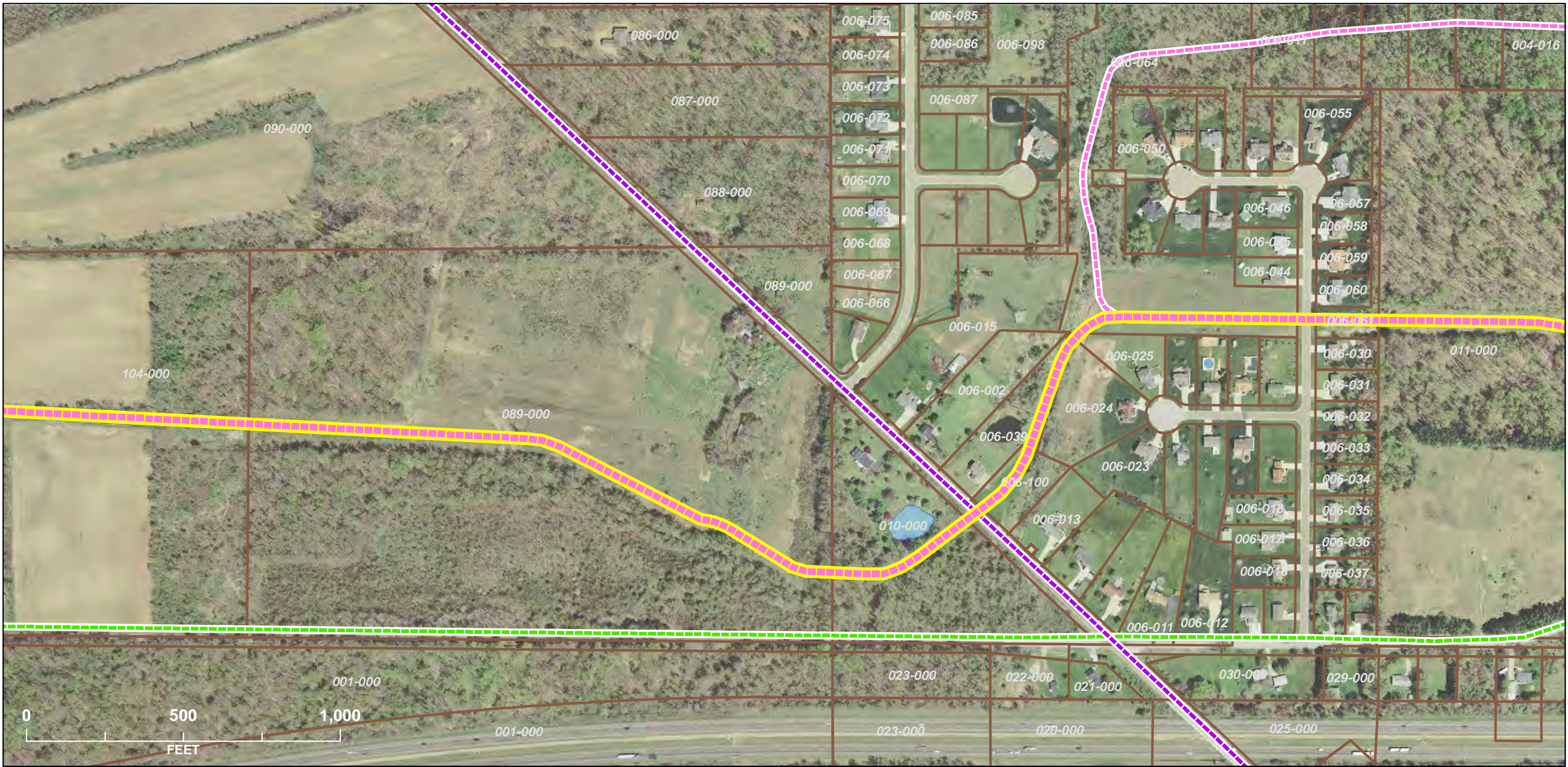


	<b>PRIORITY ROUTES</b>	PROPOSED PATH (OFF-ROAD)	COUNTY ROADS	LAKE
	WIDENED SIDEWALK	BUCKEYE TRAIL	STATE ROUTES	PUBLIC LAND
	PROPOSED PATH (ON-ROAD)	PROPOSED BRIDGE/CULVERT	US ROUTES	STUDY AREA
	PROPOSED PATH (OFF-ROAD)		RIVER	PARCELS
	BUCKEYE TRAIL			



# ROUTE C2

# SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN



**PRIORITY ROUTES**

- WIDENED SIDEWALK
- PROPOSED PATH (ON-ROAD)
- PROPOSED PATH (OFF-ROAD)
- BUCKEYE TRAIL
- BUCKEYE TRAIL

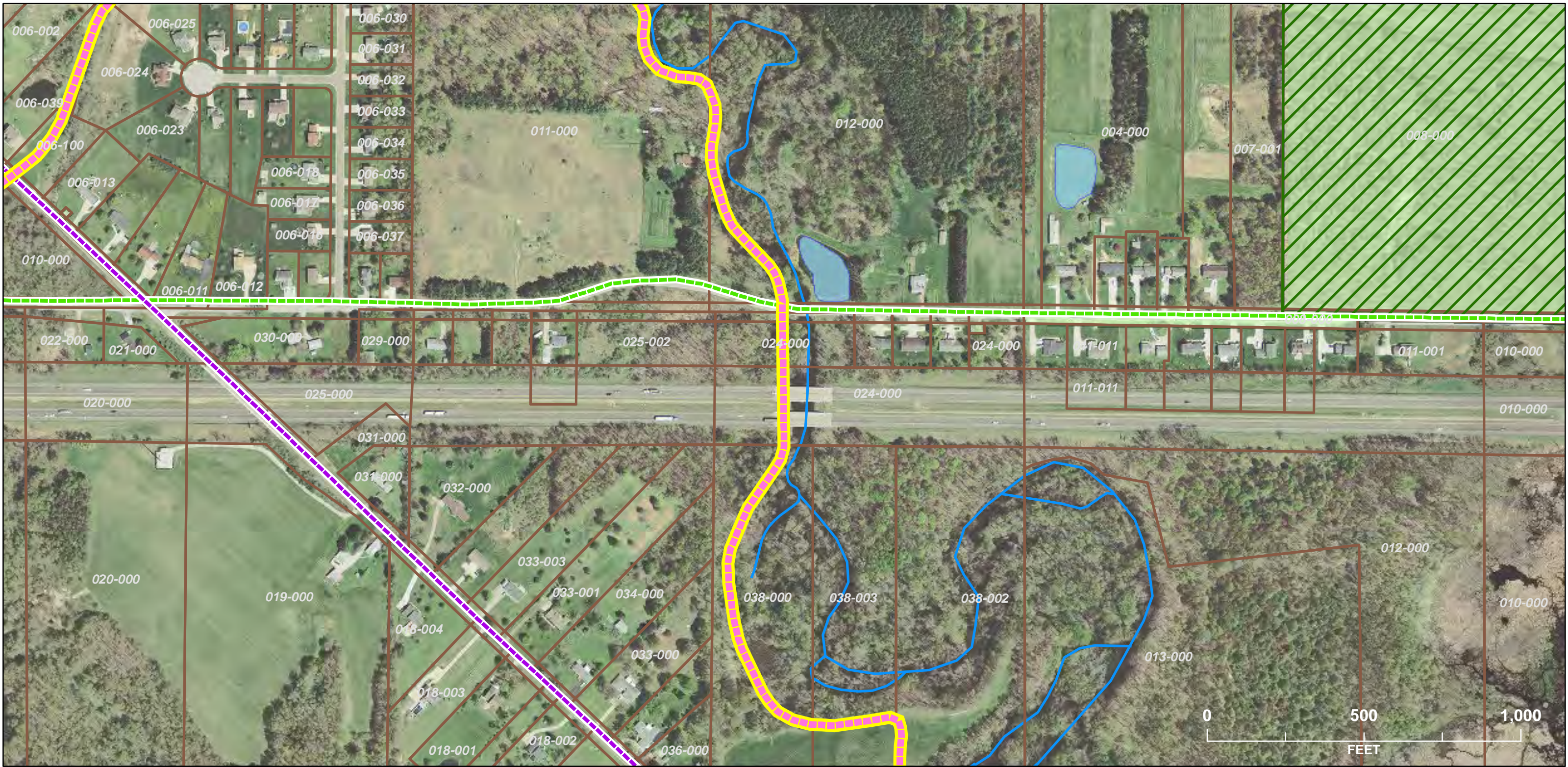
- PROPOSED PATH (OFF-ROAD)
- PROPOSED PATH (ON-ROAD)
- BUCKEYE TRAIL

- COUNTY ROADS
- STATE ROUTES
- US ROUTES
- RIVER

- LAKE
- PUBLIC LAND
- STUDY AREA
- PARCELS

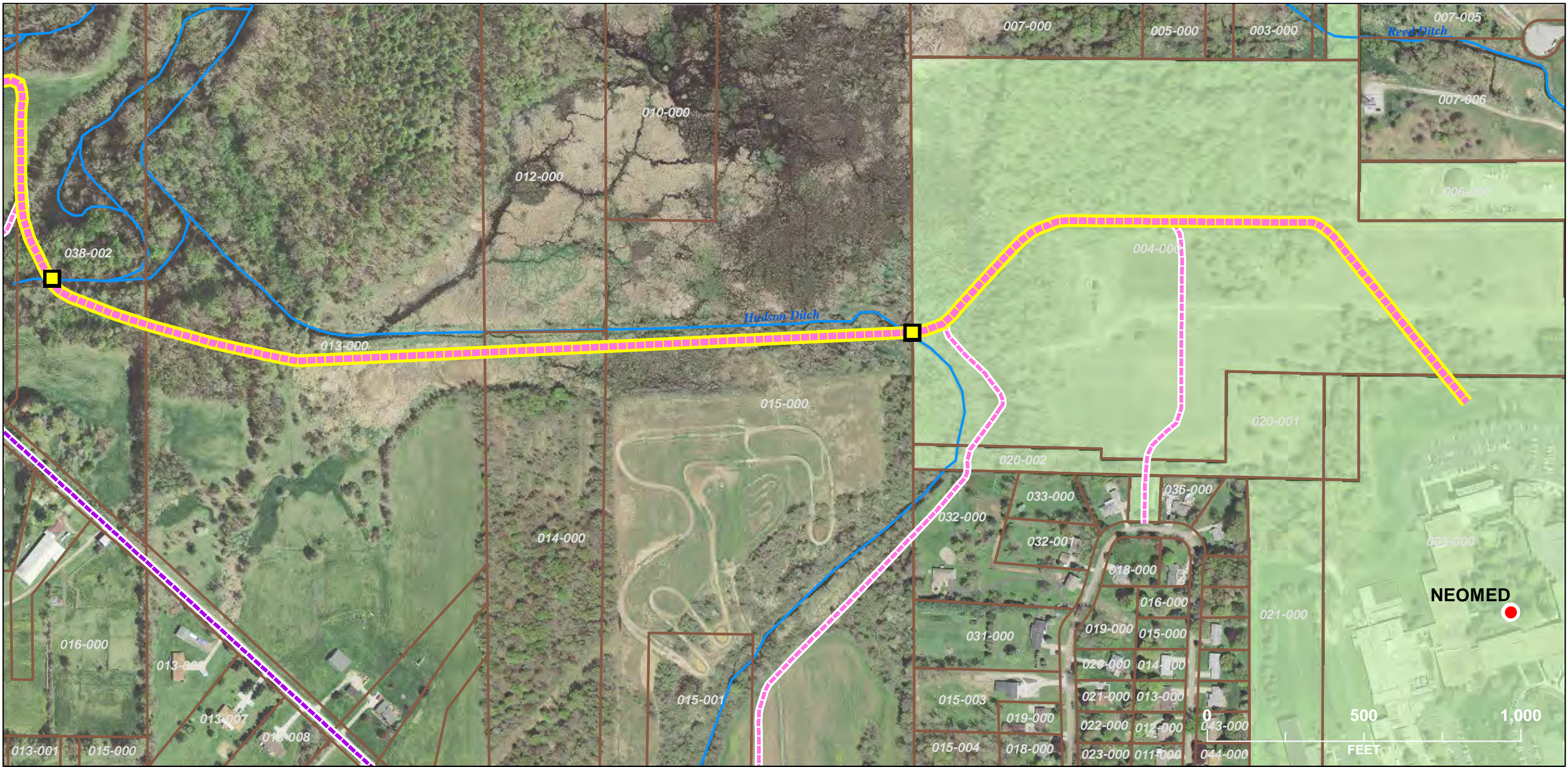






	<b>PRIORITY ROUTES</b>	PROPOSED PATH (ON-ROAD)	RIVER	PROTECTED AREA
	WIDENED SIDEWALK	BUCKEYE TRAIL	LAKE	
	PROPOSED PATH (ON-ROAD)	COUNTY ROADS	PUBLIC LAND	
	PROPOSED PATH (OFF-ROAD)	STATE ROUTES	STUDY AREA	
	BUCKEYE TRAIL	US ROUTES	PARCELS	





	<b>PRIORITY ROUTES</b>	PROPOSED PATH (OFF-ROAD)	COUNTY ROADS	LAKE	
	WIDENED SIDEWALK	COMMERCIAL	PROPOSED PATH (ON-ROAD)	STATE ROUTES	PUBLIC LAND
	PROPOSED PATH (ON-ROAD)	PARK	PROPOSED BRIDGE/CULVERT	US ROUTES	STUDY AREA
	PROPOSED PATH (OFF-ROAD)	RECREATION		RIVER	PARCELS
BUCKEYE TRAIL	SCHOOL				

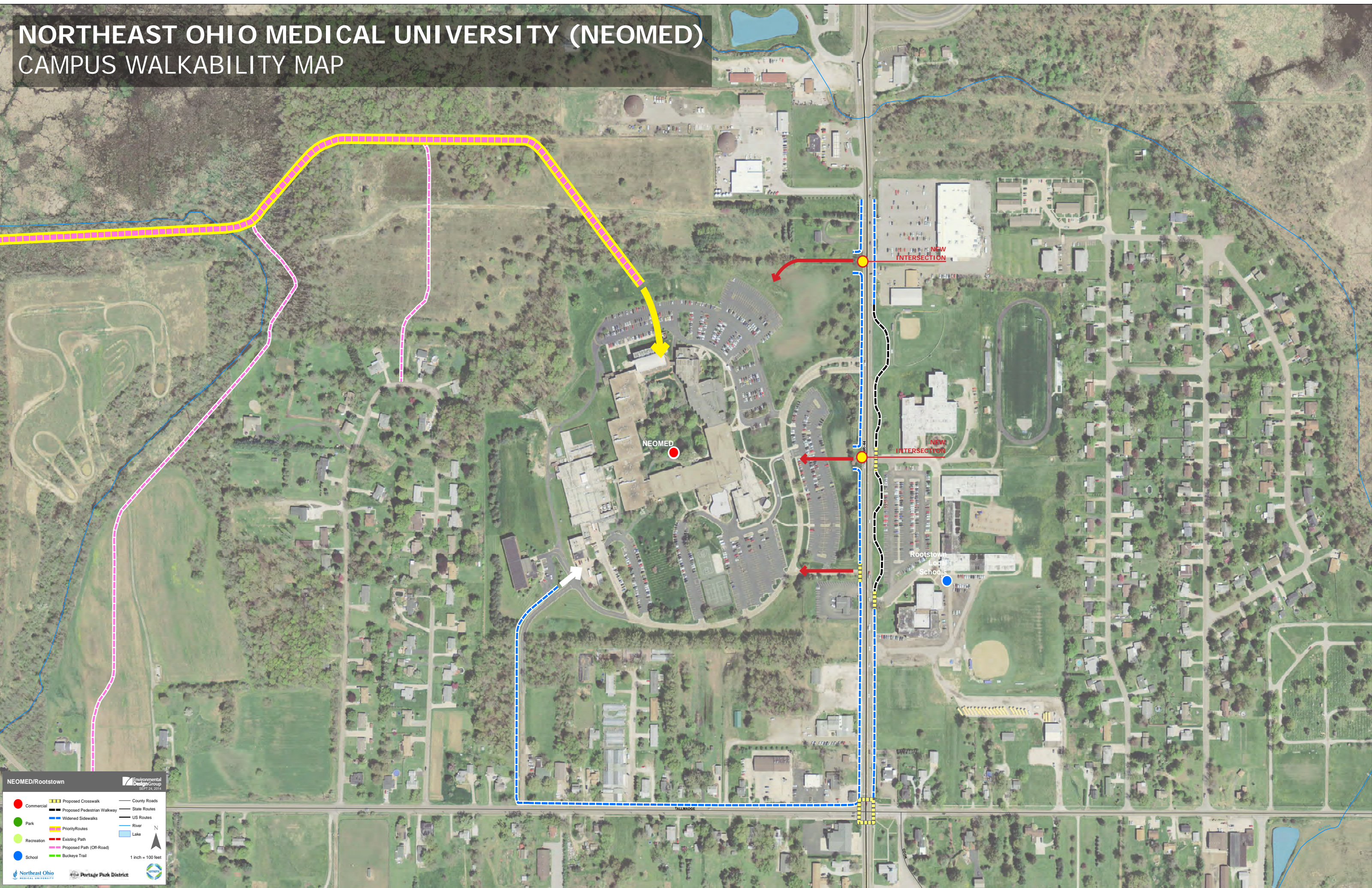


I. NORTHEAST OHIO MEDICAL  
UNIVERSITY - WALKABILITY





# NORTHEAST OHIO MEDICAL UNIVERSITY (NEOMED) CAMPUS WALKABILITY MAP



**NEOMED/Rootstown**

	Commercial		Proposed Crosswalk		County Roads
	Park		Proposed Pedestrian Walkway		State Routes
	Recreation		Widened Sidewalks		US Routes
	School		Priority Routes		River
			Existing Path		Lake
			Proposed Path (Off-Road)		
			Buckeye Trail		

1 inch = 100 feet

Environmental Design Group  
SEPT 24, 2018

N

Northeast Ohio Medical University | Portage Park District



# TYPICAL TRAIL SECTIONS

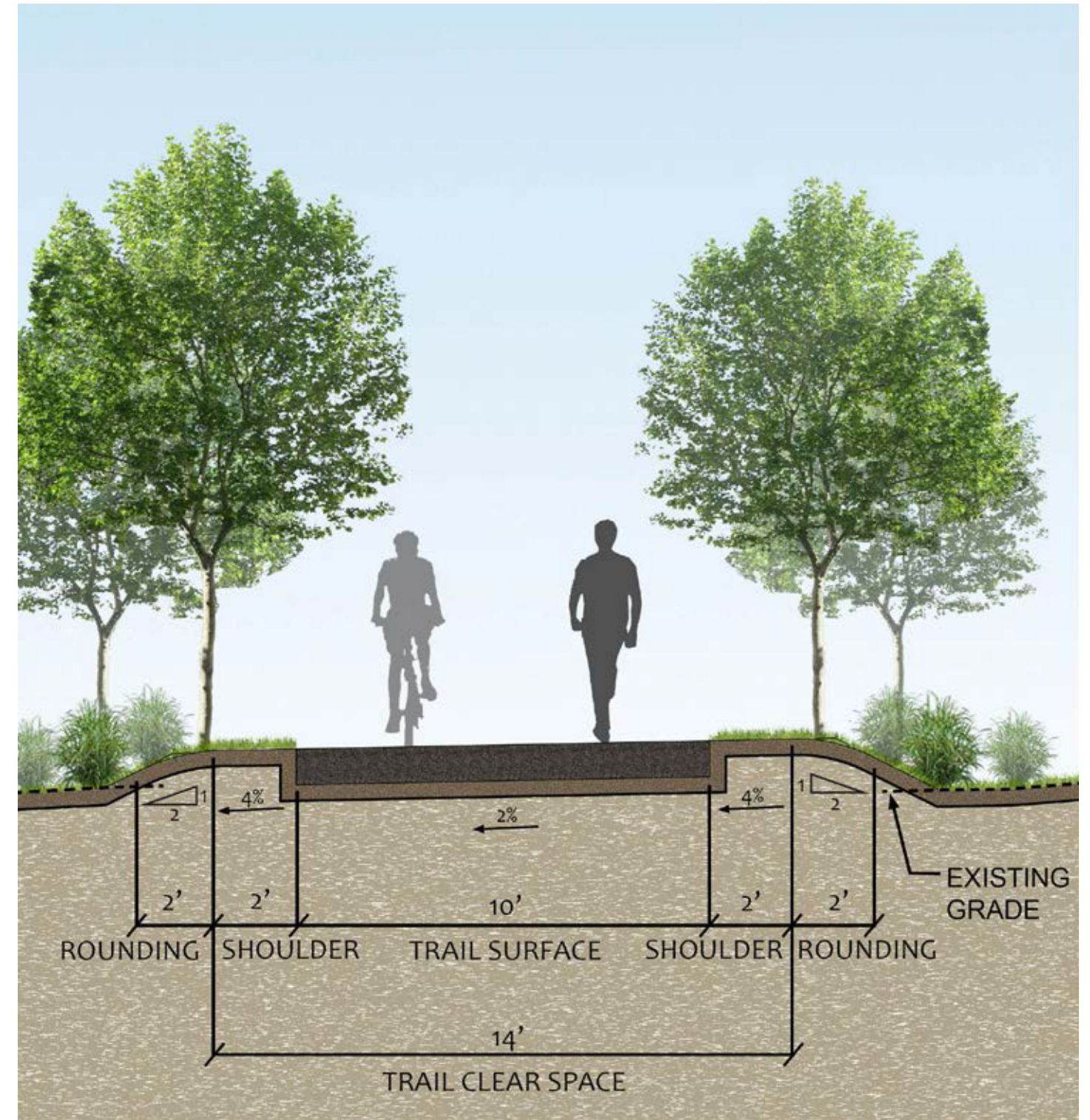
- I. OFF-ROAD TRAIL SECTION
- II. ON-ROAD TRAIL SECTION
- III. WIDENED SIDEWALK





# TYPICAL OFF ROAD TRAIL SECTION

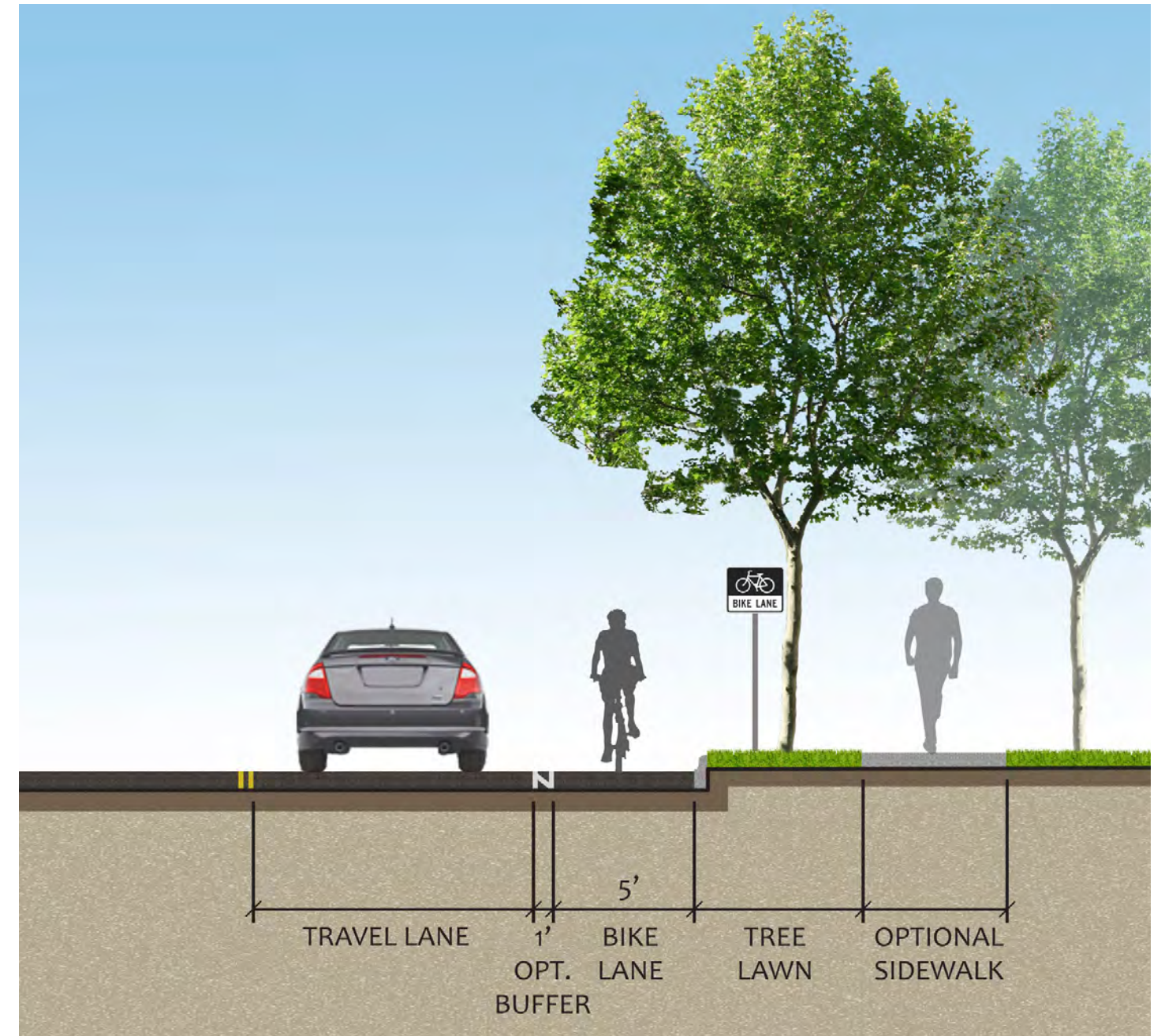
IN ACCORDANCE WITH THE MISSION OF PORTAGE PARK DISTRICT TO PROVIDE SAFE OFFROAD TRAILS FOR THEIR USERS, A SUBSTANTIAL PORTION OF THE SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN IS OFF ROAD. THIS TYPICAL TRAIL SECTION WILL HAVE A TEN FOOT (10 FT) WIDE ASPHALT OR CRUSHED STONE SURFACE WITH A TWO FOOT (2 FT) SHOULDER ON EITHER SIDE. THE SLOPES ON EACH SIDE OF THE TRAIL WILL HAVE A MAXIMUM SLOPE OF 2:1 WITH A TWO FOOT ROUNDING.





# TYPICAL OFF ROAD TRAIL SECTION

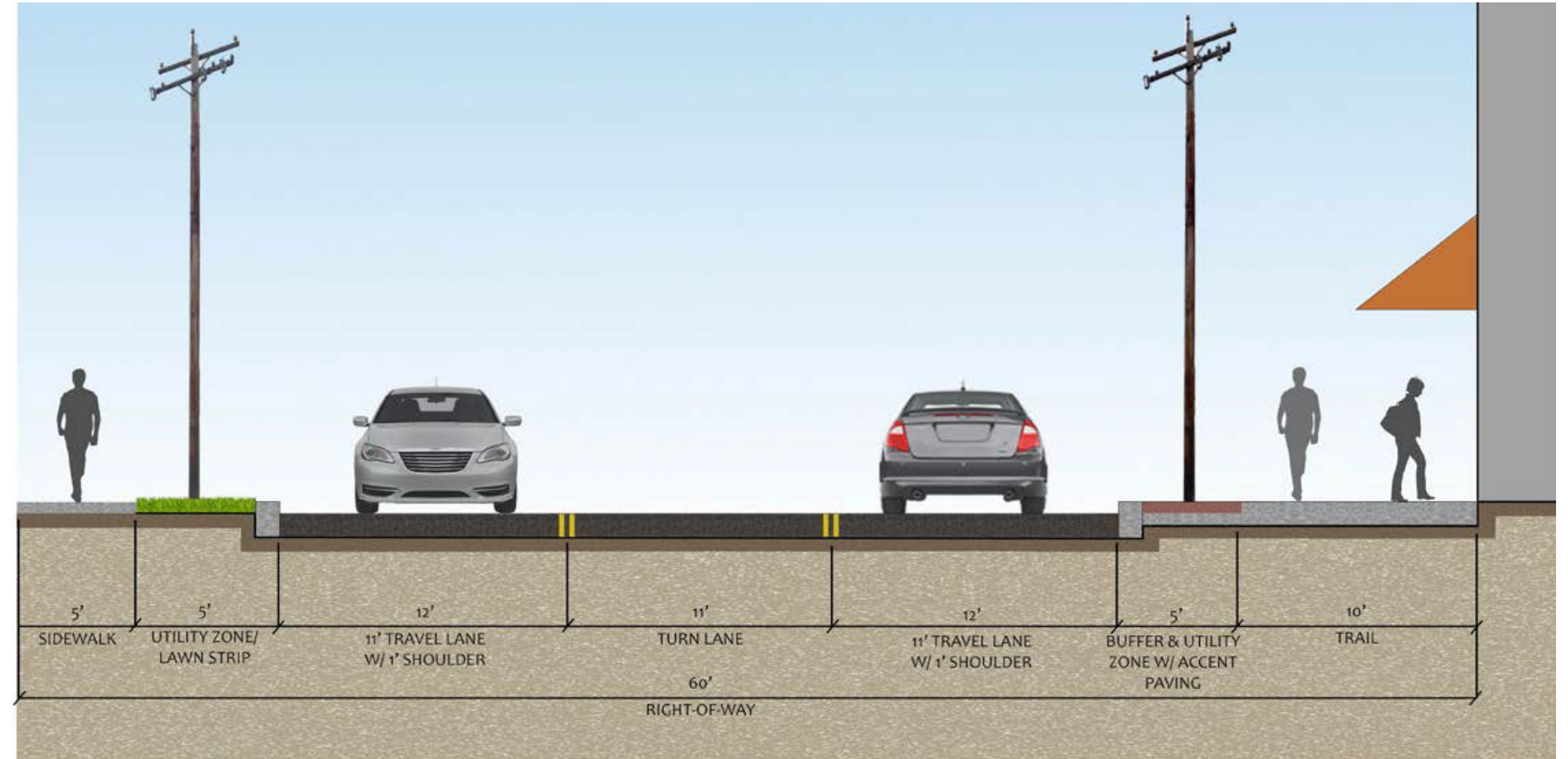
WITHIN THE PROPOSED TRAIL ALIGNMENT, A NUMBER OF SEGMENTS REQUIRE THE USE OF AN EXISTING ROADWAY. TYPICALLY, ROADWAYS ARE MODIFIED TO PERMIT A TEN FOOT (10 FT) AND A FIVE FOOT (5 FT) BUFFER/UTILITY ZONE. TYPICALLY, A SIDEPATH INCLUDES A TWO FOOT (2 FT) SHOULDER WHICH WILL BE THE STANDARD ON ALL OTHER SIDEPATHS OR ON-ROAD TRAILS WITHIN THE SOUTHWEST PORTAGE COUNTY TRAIL AND GREENWAY PLAN





# TYPICAL WIDENED SIDE-WALK SECTION

THE PROPOSED TRAIL ALIGNMENT RECOMMENDS THE USE OF A WIDENED SIDEWALK ON NUMEROUS SEGEMENTS OF THE OVERALL PLAN. TYPICAL WIDENED SIDEWALKS ARE TEN FEET (10 FT) WIDE AND SEPARATED FROM THE ROADWAY BY A FIVE FOOT (5 FT) UTILITY OR VEGETATIVE BUFFER.





# COST ESTIMATE

- I. PRIORITY ROUTE A
- II. PRIORITY ROUTE B
- III. PRIORITY ROUTE C





# ROUTE A

SOUTHWEST PORTAGE COUNTY TRAIL & GREENWAY MASTER PLAN  
 CONCEPTUAL OPINION OF PROBABLE COSTS  
 OCTOBER 20, 2014



**PRIMARY ROUTE A (19.5 Miles Total)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>1</b>	<b>Trail Facilities</b>				
	A. Off-Road	88000	LF	\$80.00	\$7,040,000.00
	B. On-Road (Sharrow)	1800	LF	\$10.00	\$18,000.00
	C. Sidepath (Widened Sidewalk)	13000	LF	\$110.00	\$1,430,000.00
	<b>Subtotal</b>				<b>\$8,488,000.00</b>
<b>2</b>	<b>Trail Structures</b>				
	A. Premanufactured Bridge	500	LF	\$1,600.00	\$800,000.00
	B. Premanufactured Bridge Concrete Abutments	14	EA	\$30,000.00	\$420,000.00
	C. Wooden Boardwalk on Wooden Piles	4500	LF	\$800.00	\$3,600,000.00
	D. Timber Guardrail	5000	LF	\$50.00	\$250,000.00
	E. Culvert (Underpass for Trail)		LF	\$5,000.00	\$0.00
	F. 12" Culvert (30LF)	34	EA	\$1,800.00	\$61,200.00
	G. 18" Culvert (30LF)	17	EA	\$2,400.00	\$40,800.00
	H. 24" Culvert (30LF)	7	EA	\$3,000.00	\$21,000.00
	I. 3-sided Culvert		LF	\$1,000.00	\$0.00
	<b>Subtotal</b>				<b>\$5,193,000.00</b>
<b>3</b>	<b>Intersection or Road Crossing</b>				
	A. Pedestrian Signal Improvement at Existing Traffic Light	1	LS	\$15,000.00	\$15,000.00
	B. Hawk Signal	3	LS	\$30,000.00	\$90,000.00
	C. Crosswalk Striping (Existing Non-Traffic Light)	9	LS	\$4,000.00	\$36,000.00
	D. Curb Ramp	32	EA	\$2,200.00	\$70,400.00
	<b>Subtotal</b>				<b>\$211,400.00</b>
<b>4</b>	<b>Trailhead</b>				
	A. 50-Car Parking Lot (9-mile O.C.)	2	LS	\$200,000.00	\$400,000.00
	B. 10-Car Parking Lot (3-mile O.C.)	5	LS	\$50,000.00	\$250,000.00
	<b>Subtotal</b>				<b>\$650,000.00</b>
	<b>TOTAL</b>				<b>\$14,542,400.00</b>
	A. Contingency (30%)				\$4,362,720.00
	B. General Conditions (8%)				\$1,512,409.60
	C. Design & Documents (18%)				\$3,402,921.60
	<b>GRAND TOTAL</b>				<b>\$23,820,451.20</b>

Assumptions:

1) Trail facilities includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate placement, bollards, seeding and fine grading, and trail surface.

2) 50-Car parking lot includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate, parking lot asphalt, drop-off, kiosk, 2-stall (1 male/1 female) precast concrete vault restroom, seeding and fine grading, and landscape plantings.

3) 10-Car parking lot includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate, parking lot asphalt, kiosk, seeding and fine grading, and landscape plantings.

4) No land acquisition.

5) No wetland impacts or wetland permitting.



# ROUTE B

SOUTHWEST PORTAGE COUNTY TRAIL & GREENWAY MASTER PLAN  
 CONCEPTUAL OPINION OF PROBABLE COSTS  
 OCTOBER 20, 2014



## PRIMARY ROUTE B (10.4 Miles Total)

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>1</b>	<b>Trail Facilities</b>				
	A. Off-Road	46950	LF	\$80.00	\$3,756,000.00
	B. On-Road (Sharrow)	1800	LF	\$10.00	\$18,000.00
	C. Sidepath (Widened Sidewalk)	6200	LF	\$110.00	\$682,000.00
	<b>Subtotal</b>				<b>\$4,456,000.00</b>
<b>2</b>	<b>Trail Structures</b>				
	A. Premanufactured Bridge	50	LF	\$1,600.00	\$80,000.00
	B. Premanufactured Bridge Concrete Abutments	2	EA	\$30,000.00	\$60,000.00
	C. Wooden Boardwalk on Wooden Piles	3000	LF	\$800.00	\$2,400,000.00
	D. Timber Guardrail	2000	LF	\$50.00	\$100,000.00
	E. Culvert (Underpass for Trail)	250	LF	\$5,000.00	\$1,250,000.00
	F. 12" Culvert (30LF)	20	EA	\$1,800.00	\$36,000.00
	G. 18" Culvert (30LF)	12	EA	\$2,400.00	\$28,800.00
	H. 24" Culvert (30LF)	3	EA	\$3,000.00	\$9,000.00
	I. 3-sided Culvert	50	LF	\$1,000.00	\$50,000.00
	<b>Subtotal</b>				<b>\$4,013,800.00</b>
<b>3</b>	<b>Intersection or Road Crossing</b>				
	A. Pedestrian Signal Improvement at Existing Traffic Light	1	LS	\$15,000.00	\$15,000.00
	B. Hawk Signal	2	LS	\$30,000.00	\$60,000.00
	C. Crosswalk Striping (Existing Non-Traffic Light)	6	LS	\$4,000.00	\$24,000.00
	D. Curb Ramp	20	EA	\$2,200.00	\$44,000.00
	<b>Subtotal</b>				<b>\$143,000.00</b>
<b>4</b>	<b>Trailhead</b>				
	A. 50-Car Parking Lot (9-mile O.C.)	1	LS	\$200,000.00	\$200,000.00
	B. 10-Car Parking Lot (3-mile O.C.)	2	LS	\$50,000.00	\$100,000.00
	<b>Subtotal</b>				<b>\$300,000.00</b>
	<b>TOTAL</b>				<b>\$8,912,800.00</b>
	A. Contingency (30%)				\$2,673,840.00
	B. General Conditions (8%)				\$926,931.20
	C. Design & Documents (18%)				\$2,085,595.20
	<b>GRAND TOTAL</b>				<b>\$14,599,166.40</b>

**Assumptions:**

1) Trail facilities includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate placement, bollards, seeding and fine grading, and trail surface.

2) 50-Car parking lot includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate, parking lot asphalt, drop-off, kiosk, 2-stall (1 male/1 female) precast concrete vault restroom, seeding and fine grading, and landscape plantings.

3) 10-Car parking lot includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate, parking lot asphalt, kiosk, seeding and fine grading, and landscape plantings.

4) No land acquisition.

5) No wetland impacts or wetland permitting.



# ROUTE C

SOUTHWEST PORTAGE COUNTY TRAIL & GREENWAY MASTER PLAN  
 CONCEPTUAL OPINION OF PROBABLE COSTS  
 OCTOBER 20, 2014



PRIMARY ROUTE C (3.8 Miles Total)

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
<b>1</b>	<b>Trail Facilities</b>				
	A. Off-Road	20000	LF	\$80.00	\$1,600,000.00
	B. On-Road (Sharrow)		LF	\$10.00	\$0.00
	C. Sidepath (Widened Sidewalk)		LF	\$110.00	\$0.00
	<b>Subtotal</b>				<b>\$1,600,000.00</b>
<b>2</b>	<b>Trail Structures</b>				
	A. Premanufactured Bridge	200	LF	\$1,600.00	\$320,000.00
	B. Premanufactured Bridge Concrete Abutments	4	EA	\$30,000.00	\$120,000.00
	C. Wooden Boardwalk on Wooden Piles	1000	LF	\$800.00	\$800,000.00
	D. Timber Guardrail	1000	LF	\$50.00	\$50,000.00
	E. Culvert (Underpass for Trail)		LF	\$5,000.00	\$0.00
	F. 12" Culvert (30LF)	12	EA	\$1,800.00	\$21,600.00
	G. 18" Culvert (30LF)	6	EA	\$2,400.00	\$14,400.00
	H. 24" Culvert (30LF)	1	EA	\$3,000.00	\$3,000.00
	I. 3-sided Culvert		LF	\$1,000.00	\$0.00
	<b>Subtotal</b>				<b>\$1,329,000.00</b>
<b>3</b>	<b>Intersection or Road Crossing</b>				
	A. Pedestrian Signal Improvement at Existing Traffic Light		LS	\$15,000.00	\$0.00
	B. Hawk Signal		LS	\$30,000.00	\$0.00
	C. Crosswalk Striping (Existing Non-Traffic Light)	3	LS	\$4,000.00	\$12,000.00
	D. Curb Ramp	6	EA	\$2,200.00	\$13,200.00
	<b>Subtotal</b>				<b>\$25,200.00</b>
<b>4</b>	<b>Trailhead</b>				
	A. 50-Car Parking Lot (9-mile O.C.)		LS	\$200,000.00	\$0.00
	B. 10-Car Parking Lot (3-mile O.C.)	1	LS	\$50,000.00	\$50,000.00
	<b>Subtotal</b>				<b>\$50,000.00</b>
	<b>TOTAL</b>				<b>\$3,004,200.00</b>
	A. Contingency (30%)				\$901,260.00
	B. General Conditions (8%)				\$312,436.80
	C. Design & Documents (18%)				\$702,982.80
	<b>GRAND TOTAL</b>				<b>\$4,920,879.60</b>

Assumptions:

1) Trail facilities includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate placement, bollards, seeding and fine grading, and trail surface.

2) 50-Car parking lot includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate, parking lot asphalt, drop-off, kiosk, 2-stall (1 male/1 female) precast concrete vault restroom, seeding and fine grading, and landscape plantings.

3) 10-Car parking lot includes clearing and grubbing, demolition, erosion control, subgrade preparation, earthwork, aggregate, parking lot asphalt, kiosk, seeding and fine grading, and landscape plantings.

4) No land acquisition.

5) No wetland impacts or wetland permitting.