

Indiana Coastal Cooperative Weed Management Area

ICCWMA



Why form a CWMA?

- They cross boundaries
- CWMAAs allow partners to share and leverage limited resources
- CWMAAs are highly visible
- Focuses attention
- Reduces the risk of control efforts
- Provides an early detection and rapid response network
- Helps secure funding
- Address everyone's goals

How did the ICCWMA form?

- ▶ Offshoot of the Northwest Indiana Invasive Plant Network (NIIPN) which was formed several years ago
- ▶ Many partners already involved in informal partnerships
- ▶ CWMA formally organized in 2009
- ▶ Founding partners decided to use TNC's 501©3 status
- ▶ TNC provides the Coordinator
- ▶ Enabled the CWMA to get up and running more quickly



ICCWMA Members

- ▶ Formal partners so far:
 - Indiana Dept. of Natural Resources
 - Northern Indiana Public Service Company (NIPSCO)
 - Lake County Parks and Recreation Department
 - Indiana Dunes National Lakeshore
 - Save the Dunes
 - Shirley Heinze Land Trust
 - The Nature Conservancy
- ▶ Cooperating partners:
 - Indiana Department of Transportation
 - Porter County Parks

Common Goals

Priorities

- High biodiversity natural areas
- specifically sites with element occurrences

Project Based

- must involve two or more partners
- Focused on and committed to on the ground weed control projects

Funding

- Used to accomplish objectives above and beyond each individual organization's objectives



Mission Statement

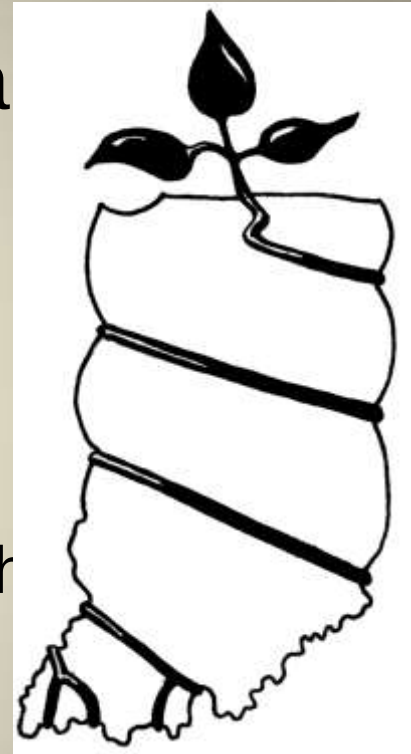
“The mission of the Indiana Coastal Cooperative Weed Management Area is to strategically protect biodiversity and natural communities from the threats presented by invasive plants within the Lake Michigan Coastal Zone in Lake, Porter, and LaPorte Counties in Indiana.

The ICCWMA is a formal partnership that will facilitate a coordinated approach to securing and utilizing resources to: efficiently combat existing and new infestations of invasive plants by implementing projects within defined management units, increase public awareness of the detrimental effects of invasive plants on biodiversity, and address the problem of invasive plants at a landscape scale by gaining support and cooperation from owners and managers of land held for purposes other than conservation.”

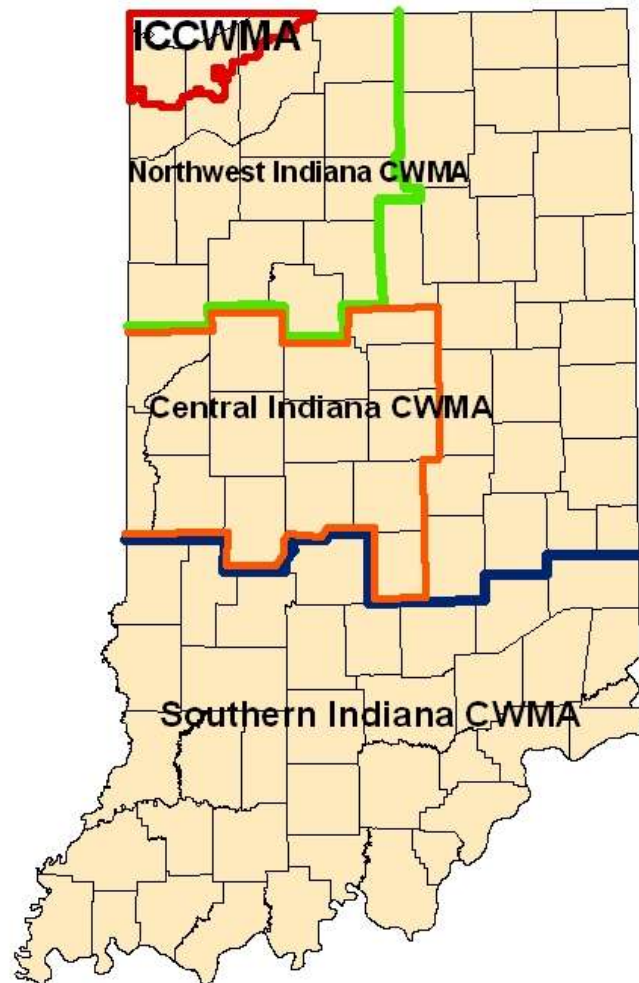
Geographic Boundaries

Lake Michigan Coastal Program Area

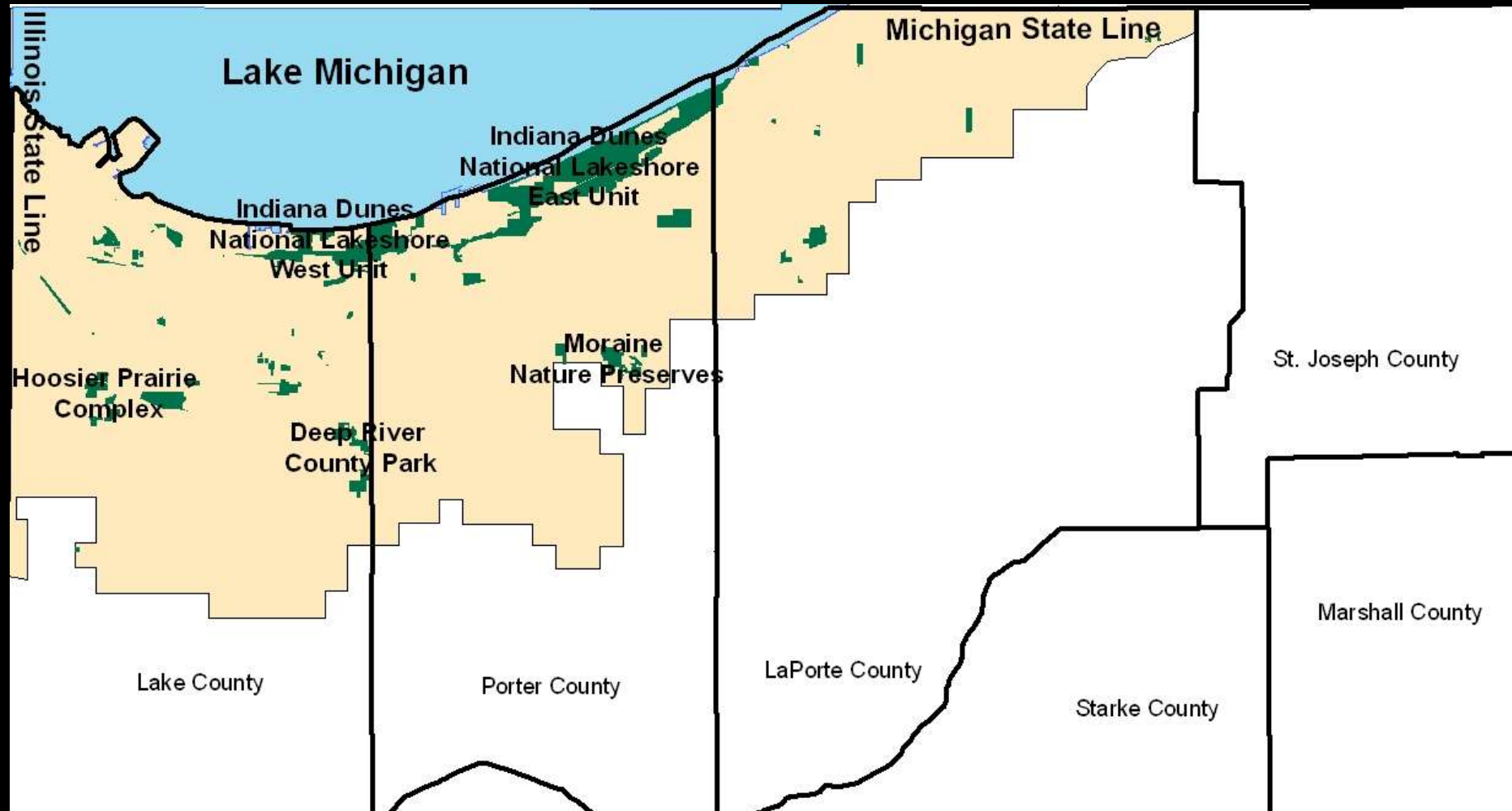
- Complex landscape
- Diversity of owners
- Diversity of land use
- Much non-conservation land
- Lots of right-of-ways
- Region contains the highest biodiversity in the entire state
- Indiana Dunes National Lakeshore
- Small natural areas
- Highly fragmented
- Many threats to already fragile ecosystems



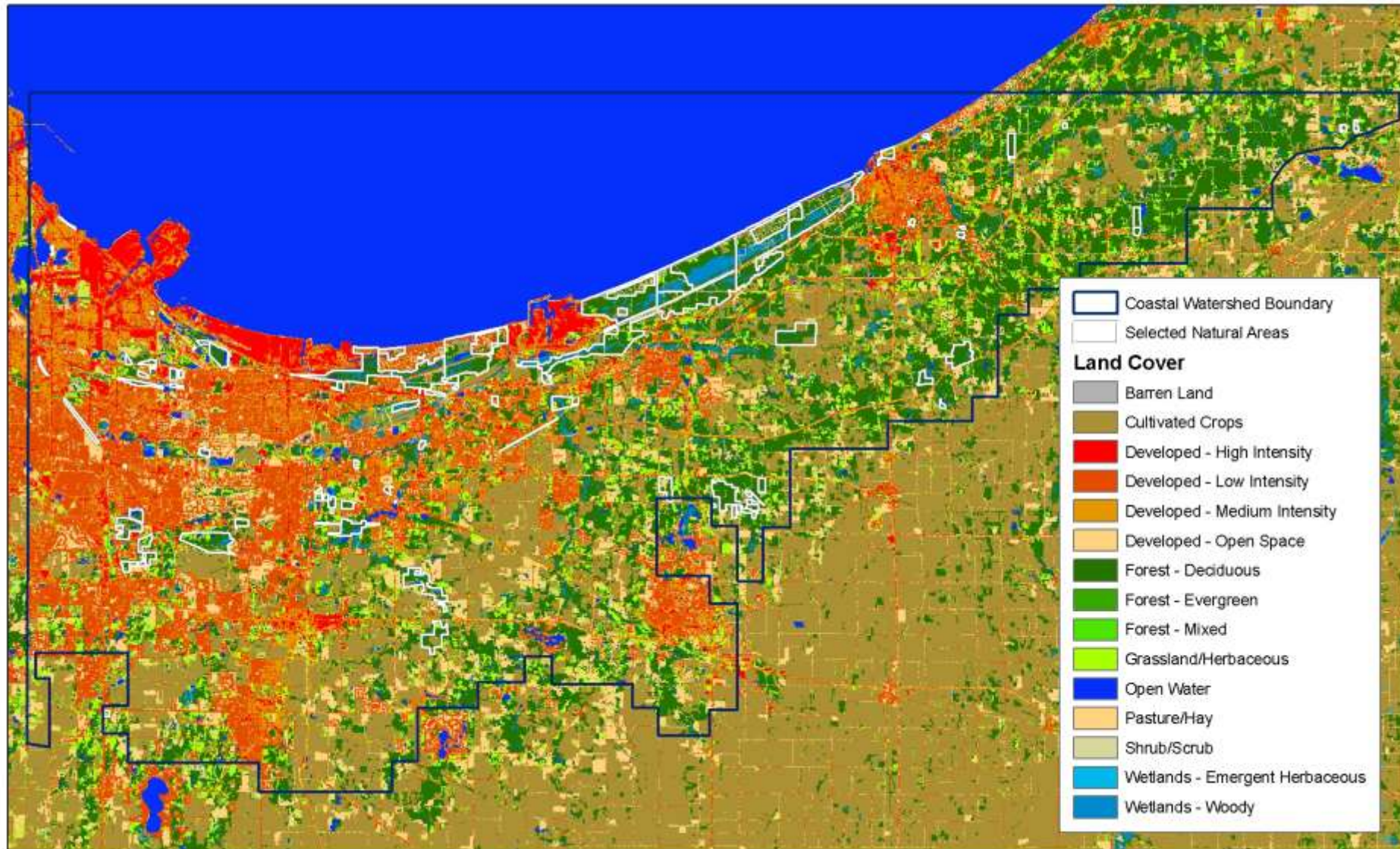
Indiana CWMAs and Why Size Matters



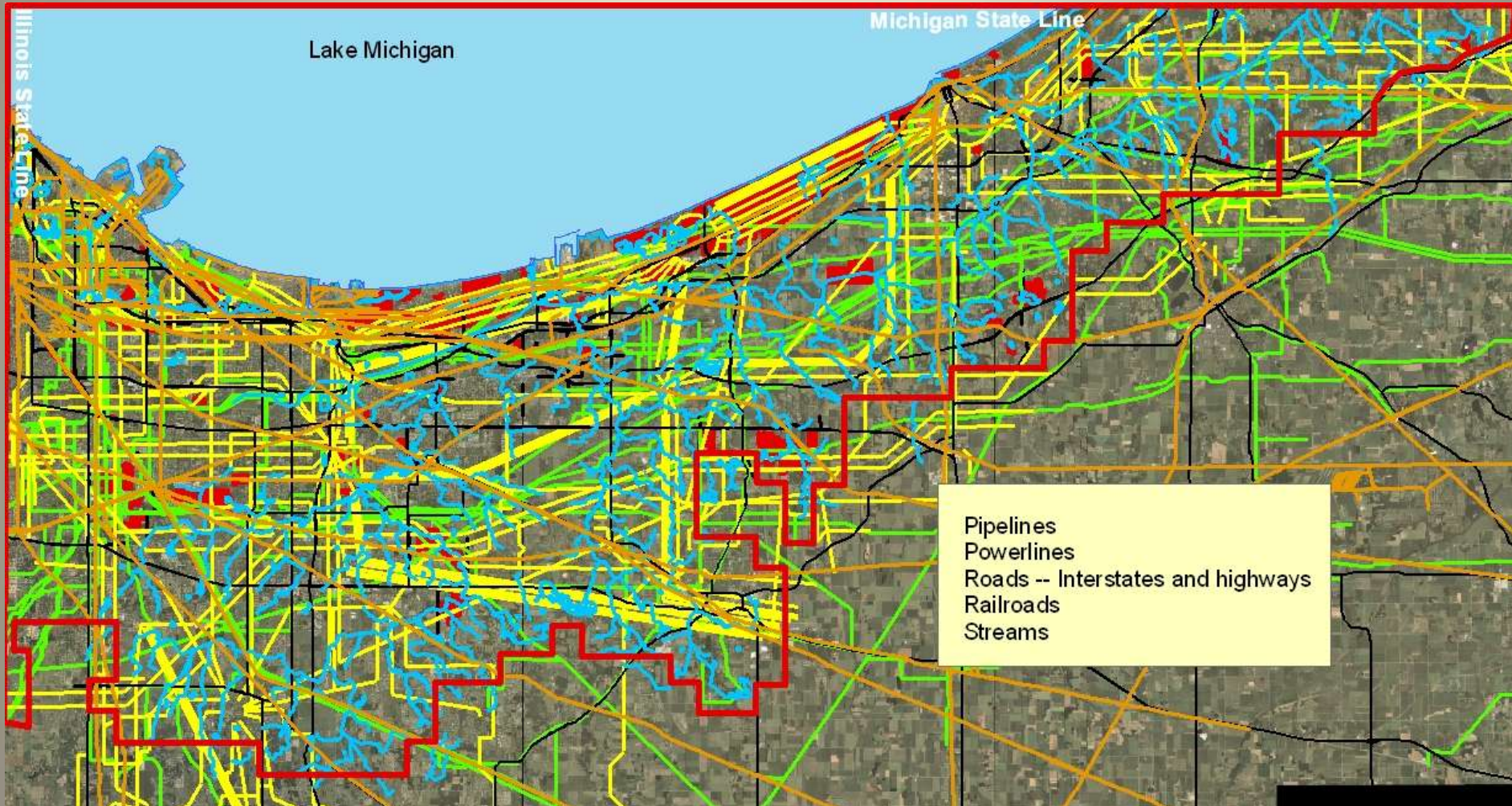
Indiana Coastal Cooperative Weed Management Area



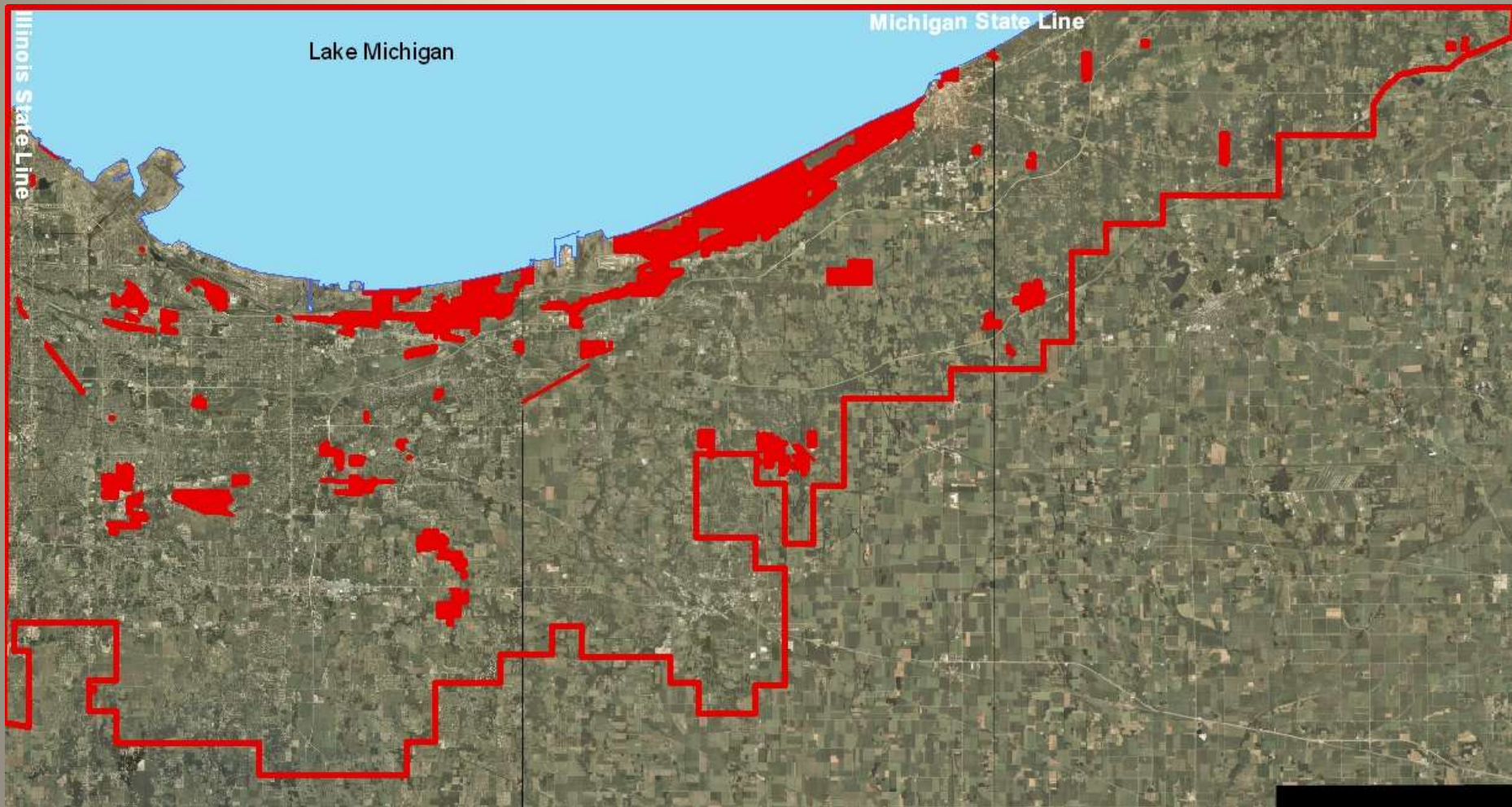
Land Use in the Coastal Area



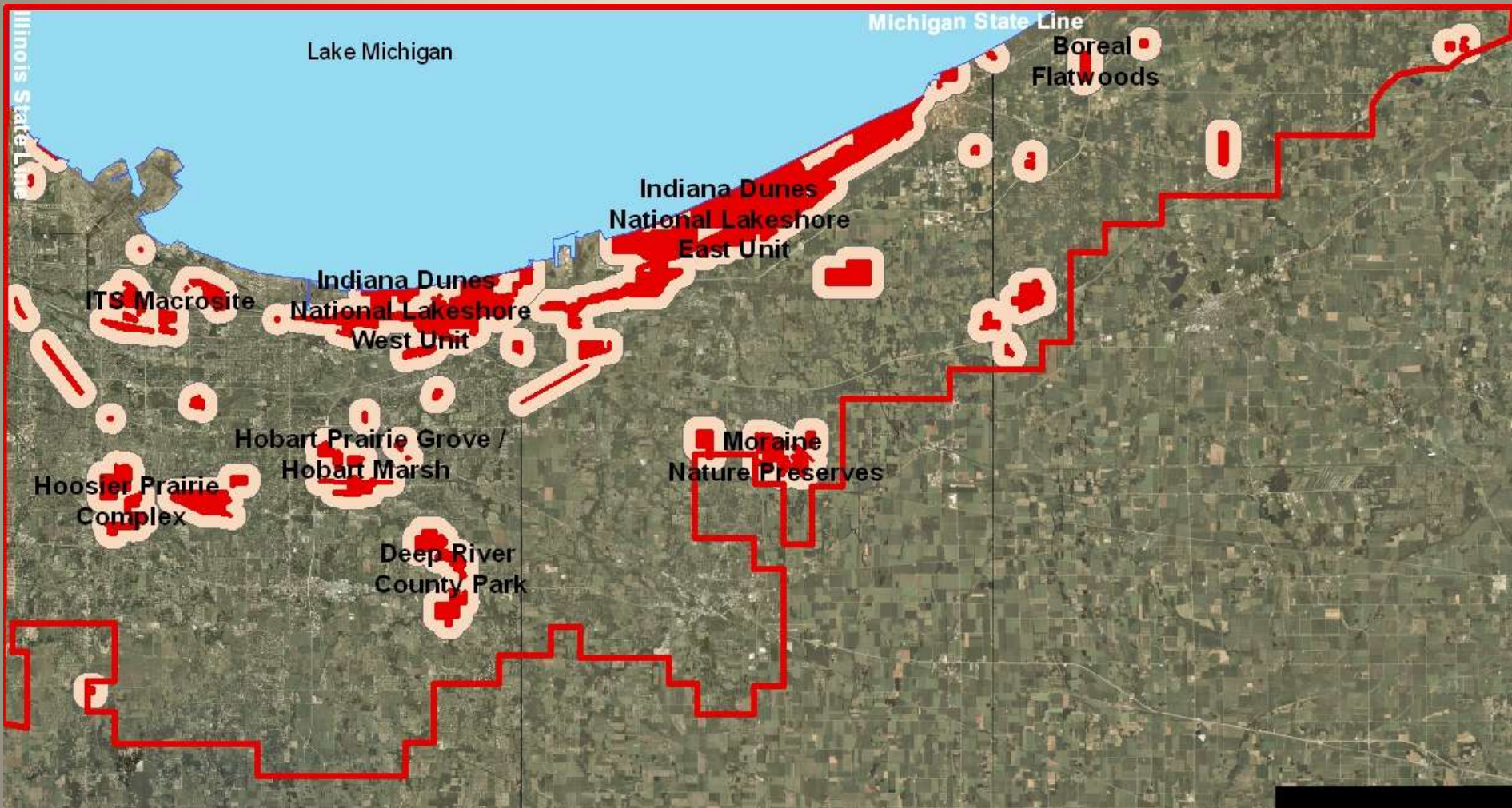
Indiana Lake Michigan Coastal Region with Right – of – Ways



Managed Areas with Element Occurrences in the Indiana Lake Michigan Coastal Region



Managed Areas with Half – Mile Buffer



CWMA Funding coming in November (we hope)

- \$100,000 from GLRI through Forest Service to form CWMAs in Great Lakes Region
- Will be used mainly to fund on-the-ground weed control projects which:
 - Engage partners
 - Are sustainable
 - Located in core biodiversity areas
 - Build on projects already in progress
 - Some education and outreach component
- No match required
- Non - competitive

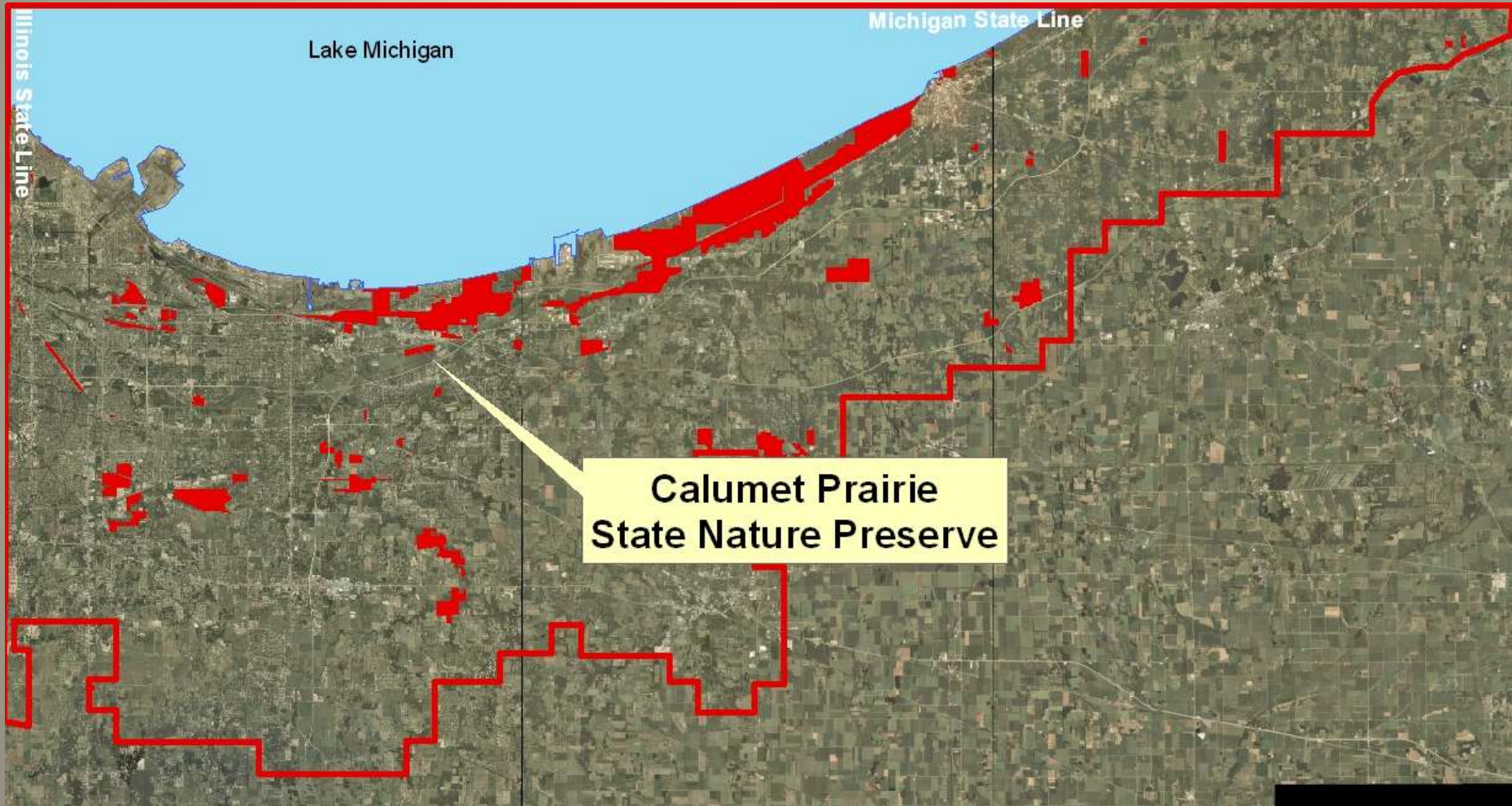


Several projects already planned for this funding

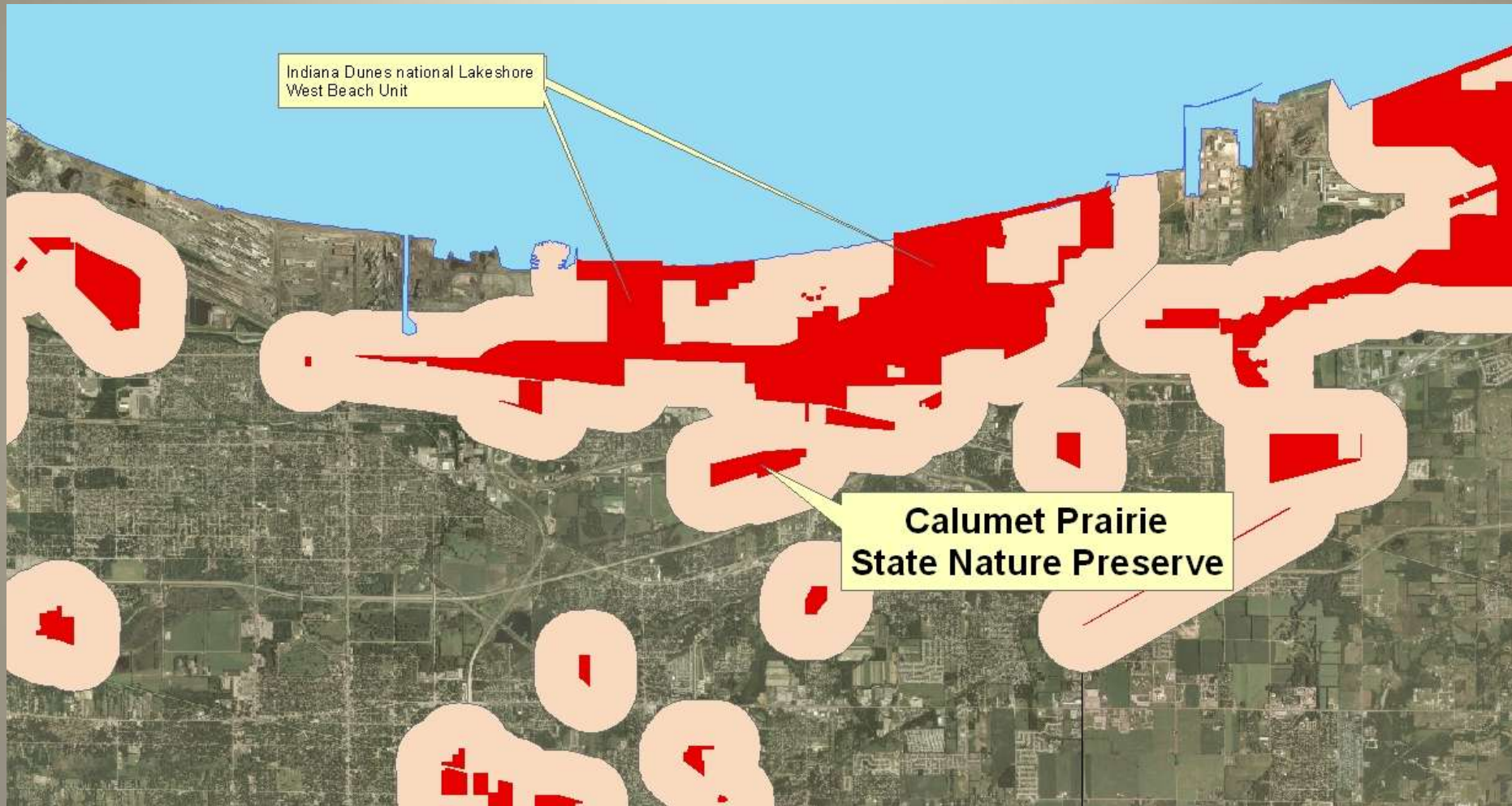
On-the-ground invasives control projects:

- High biodiversity sites
- Involve two or more partners
- Build on existing projects
- Building relationships with non-traditional partners
- Simple
- Sustainable
- Accomplish objectives above and beyond individual partners' goals

Project Example #1: Calumet Prairie State Nature Preserve Landscape Scale Perspective.....



..... buffered area within a half-mile of National Lakeshore property

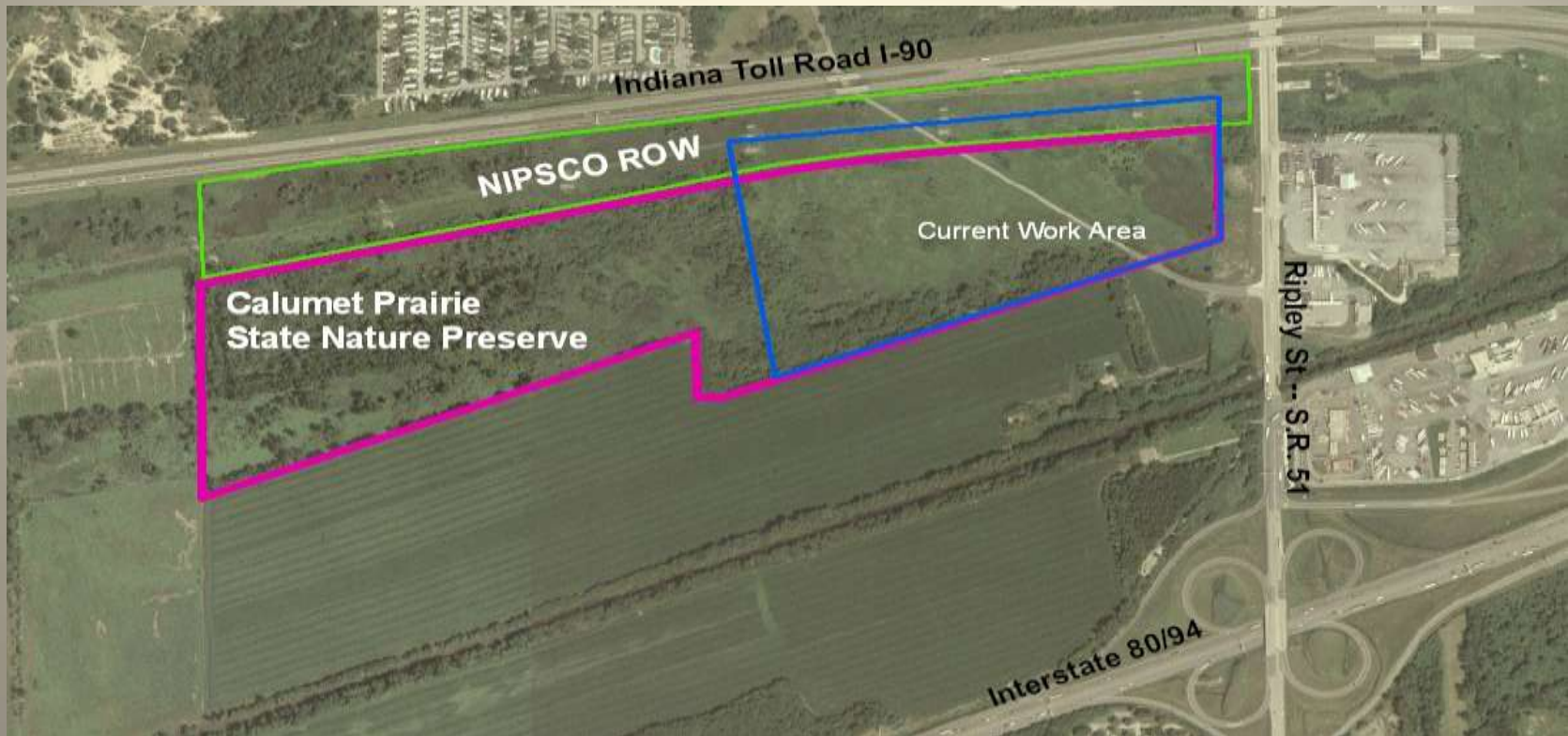


Calumet Prairie State Nature Preserve

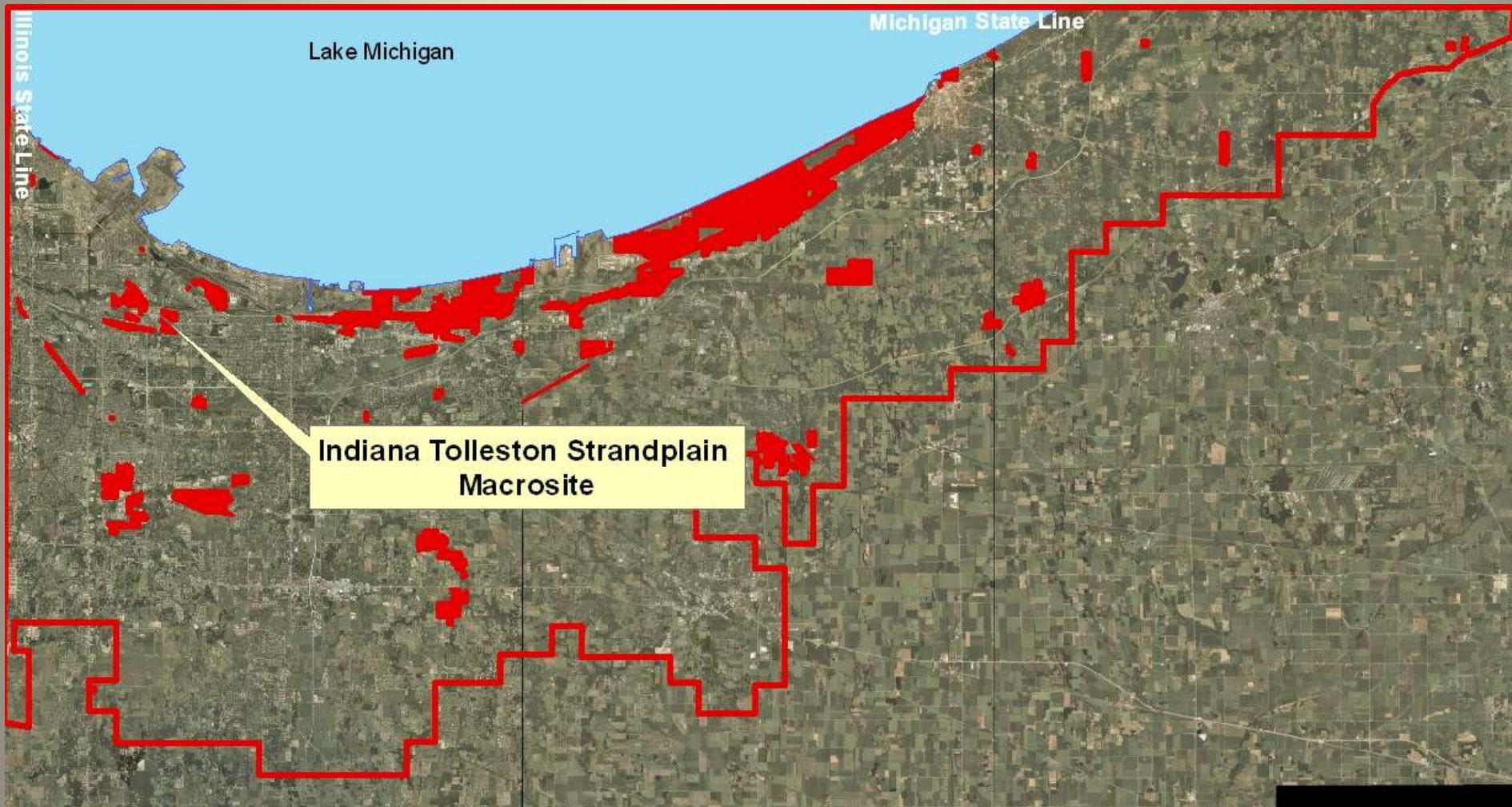
Partners: DNR / NIPSCO

Sustainable Project:

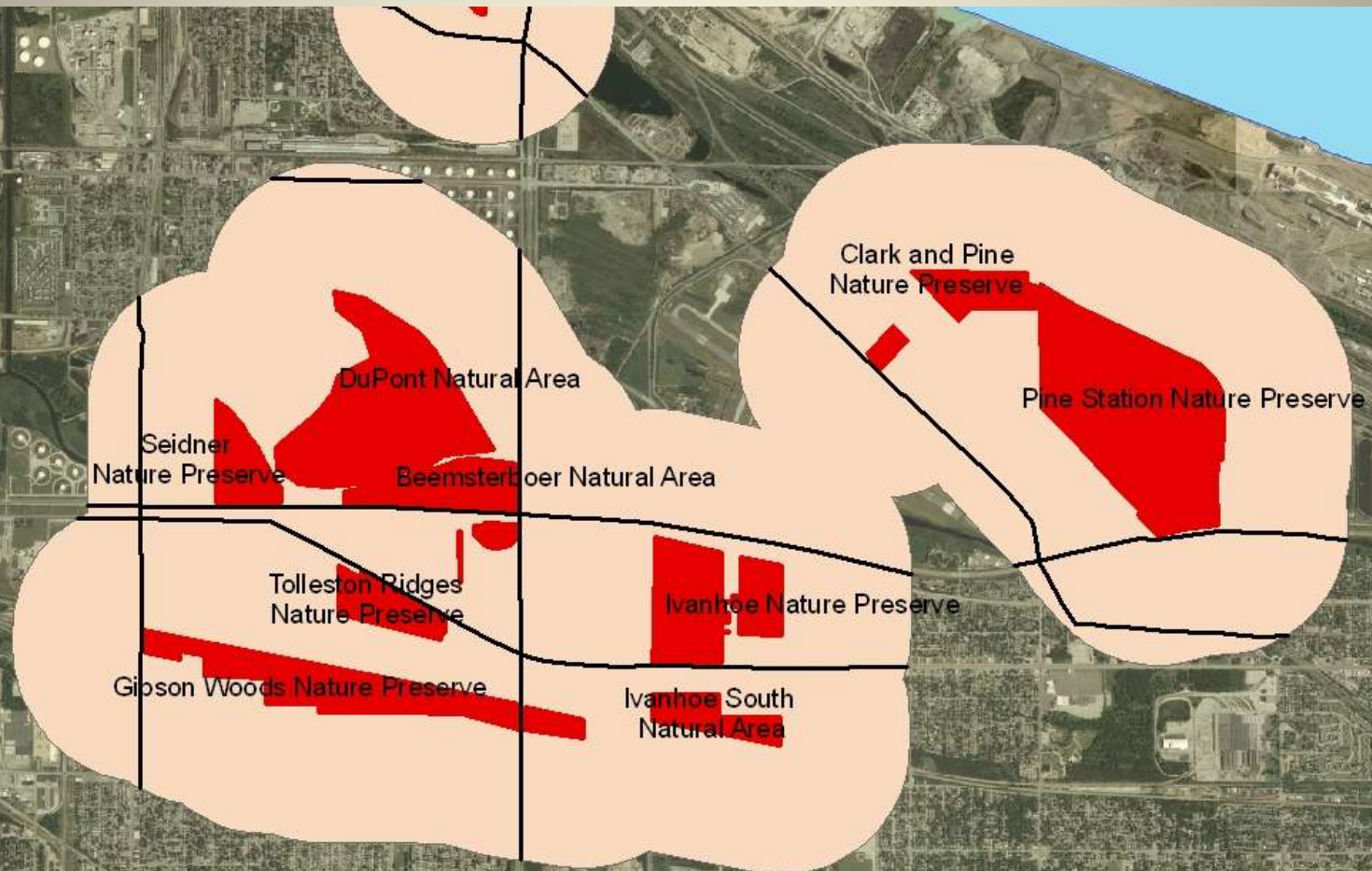
- Weed management / restoration work already in progress, and also planned for future
- Adjacent land manager (NIPSCO) already engaged and vested
- Future plans to form management agreement



Project Example #2: Indiana Tolleston Strandplain Macrosite Landscape Scale Perspective.....



Eleven high-biodiversity dune and swale sites, owned or managed by five different organizations, within half-mile buffer, will benefit.



Dune and Swale properties (ITS Macrosite)

Partners: INDOT / TNC / SHLT / STD / LCP / DNR

Sustainable Project:

- Intensive management / restoration work already in progress, and also planned for future
- Partners already engaged and (mostly) vested
- Future plans to form management agreement with INDOT



Accomplishments to date

- MOU developed & signed by seven partners so far
- Five cooperative workdays
 - Pinhook Bog (INDUNLS) – woody plant control
 - Trail Creek Fen (Save the Dunes) – garlic mustard control
 - Calumet Prairie (IDNR-DNP) – sweet clover, cattails, musk thistle
 - Seidner Dune and Swale (Shirley Heinze Land Trust) – Phragmites control
 - Ivanhoe Nature Preserve (TNC) – woody plant control
- Lyme grass EDRR Volunteer day, INDUNLS (Aug 6, 2009)
- Continue to address Lyme grass as ED/RR with land owners on Lake Michigan (BP, Town of Dune Acres, Beverly Shores, Park Service, Lake County Parks)
- Education & Outreach: 10 different presentations about invasive plants and/or the CWMA, more than 200 people participating
- Web page up and running
- Worked with Porter Beach town planner on an invasive species ordinance, which was passed
- ICCWMA one of two Cooperative Weed Management Areas displaying at DNR's Indiana State Fair booth
- On-the-ground project completed in cooperation with NIPSCO
- On-the-ground project completed in cooperation with INDOT

Volunteer workday at INDUNLS
Derek Nimetz teaching volunteers about Lyme grass and
Early Detection / Rapid Response
August 2009



ICCWMA Volunteer Workday at Indiana Dunes National Lakeshore NIPSCO berm at Cowles Bog October 2010

Builds on existing projects
Provides base for future projects
Engages and educates the public

Before



After



ICCWMA Web Page:

<http://www.nature.org/wherewework/northamerica/states/indiana/partnership/art32091.html>

The Nature Conservancy in Indiana - Indiana Coastal Cooperative Weed Management Area - Windows Internet Explorer

http://www.nature.org/wherewework/northamerica/states/indiana/partnership/art32091.html

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The Nature Conservancy in Indiana - Indiana Coastal ...

The Nature Conservancy  The mission of The Nature Conservancy is to preserve the plants, animals and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive.

Protecting nature. Preserving life.™

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Indiana Coastal Cooperative Weed Management Area (ICCWMA)



More Information

- [Annual Operating Plan for 2010](#)
- [Map](#) featuring the Lake Michigan Coastal Region with managed areas
- [ICCWMA Brochure](#)

Our Mission

The mission of the Indiana Coastal Cooperative Weed Management Area (ICCWMA) is to strategically protect biodiversity and natural communities from the threats presented by invasive plants within the Lake Michigan Coastal Zone in Lake, Porter, and LaPorte Counties in Indiana.

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The Nature Conservancy in Indiana

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- [How We Work](#)
- [Journey With Nature](#)
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- [50th Anniversary](#)
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Done Internet 100%

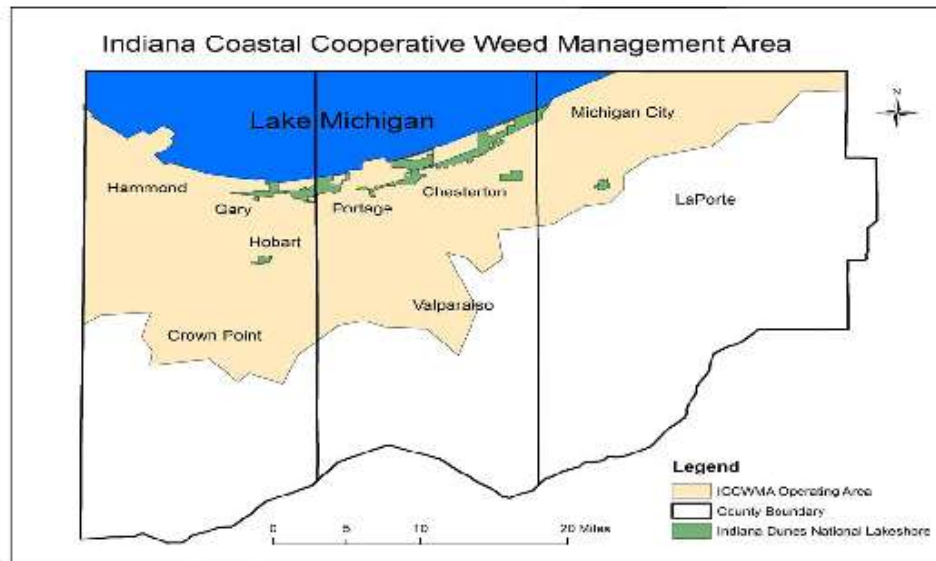
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Participating Organizations:

Indiana Department of Natural Resources
Lake County Parks and Recreation Department
National Park Service, Indiana Dunes National Lakeshore
NIPSCO
Save the Dunes Conservation Fund
Shirley Heinze Land Trust
The Nature Conservancy



Long term plans

- Finalize projects for GLRI funding
- Complete 3-5 year plan
- Continue engaging land owners / land managers
- Develop and implement early detection / rapid response program, working with Chicago Region CWMA
- Seek additional funding to treat invasives
- Control lots of acres of invasives
- TNC will either pass the Coordinator responsibilities to another partner organization,
- Or ICCWMA will achieve its own 501©3 status, and hire its own Coordinator
- World domination