

Red Cedar River Corridor Trail

MSU Practicum Team

Pardeep Toor
Matthew Chappuies
Christopher Klove
Mike Halfen
Yue Bi
Delaney Yancey

Background

- Practicum 2014
- Create river trail plan
 - Trail Route
 - Case Studies
 - Parcel Analysis
 - Challenges and Opportunities
 - Recommendations



Study Area



State Trail



PROPOSED TRAIL FROM BELLE ISLE TO WISCONSIN

Gov. Rick Snyder wants to bolster the state's existing trails, connecting several stretches to create a single, 924-mile stretch from Belle Isle in Detroit to Wisconsin. The map is conceptual, meaning that proposed trails may shift.

TOTAL LENGTH
924
MILES

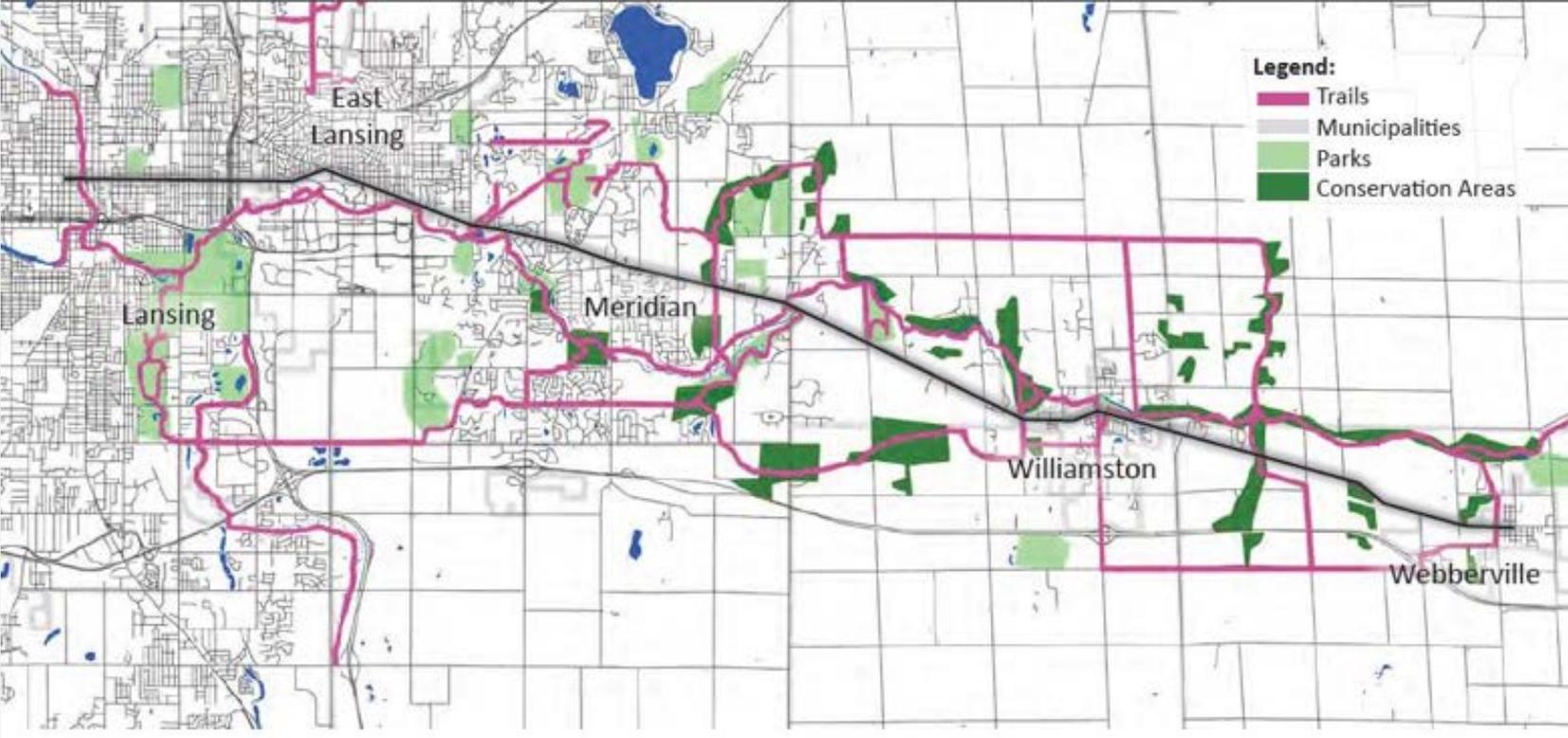
UPPER PENINSULA
152
MILES NEEDED

LOWER PENINSULA
81.5
MILES NEEDED

SOURCES: The State of Michigan, Department of Natural Resources

MARTHA THIERRY/DETROIT FREE PRESS

Proposed Regional Trails



Case Studies

- 3 case studies
 - Similar to our trail
- Takeaways:
 - Property values increase
 - Boost in tourism
 - Local businesses-
increased revenue



Community Engagement

- 90% of Stakeholders
 - support plan implementation
 - foresee improved quality of life
 - support county millage



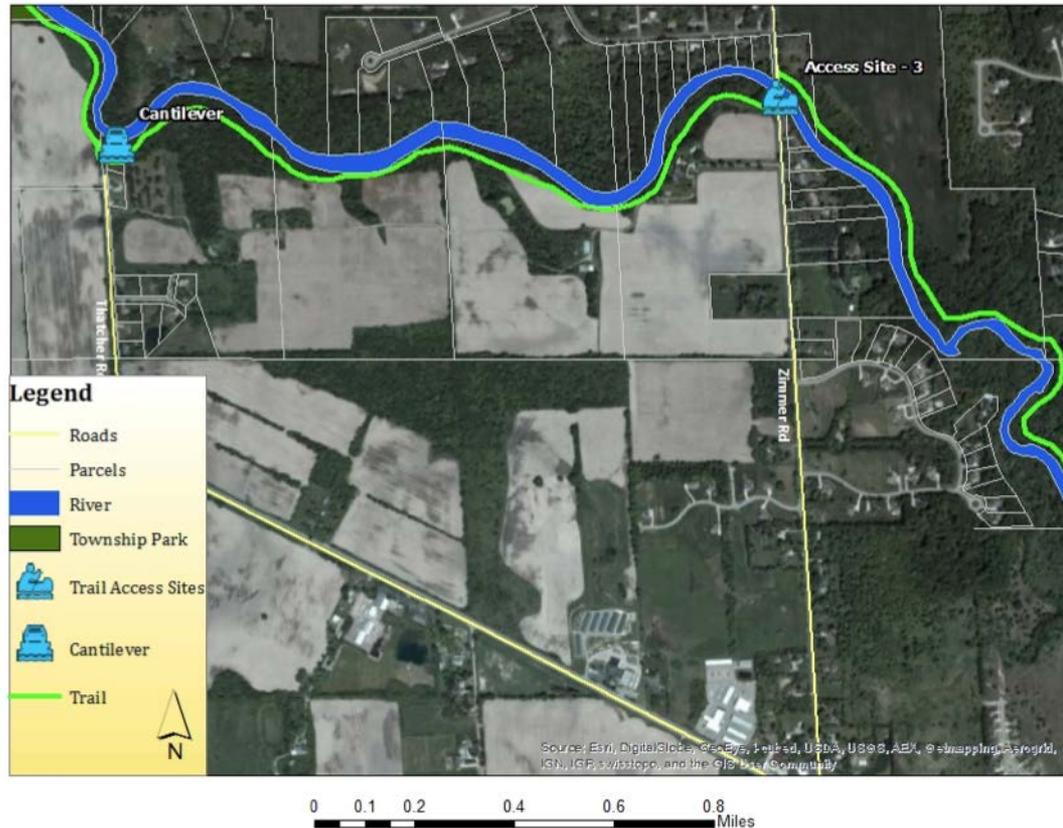
Proposed Route



Meridan to Thatcher



Thatcher to Zimmer



Zimmer Road Bridge



Zimmer Road to Putnam Street



Trail Rationale



- Conducted parcel analysis
- Community feedback

Resulting Parcel Map

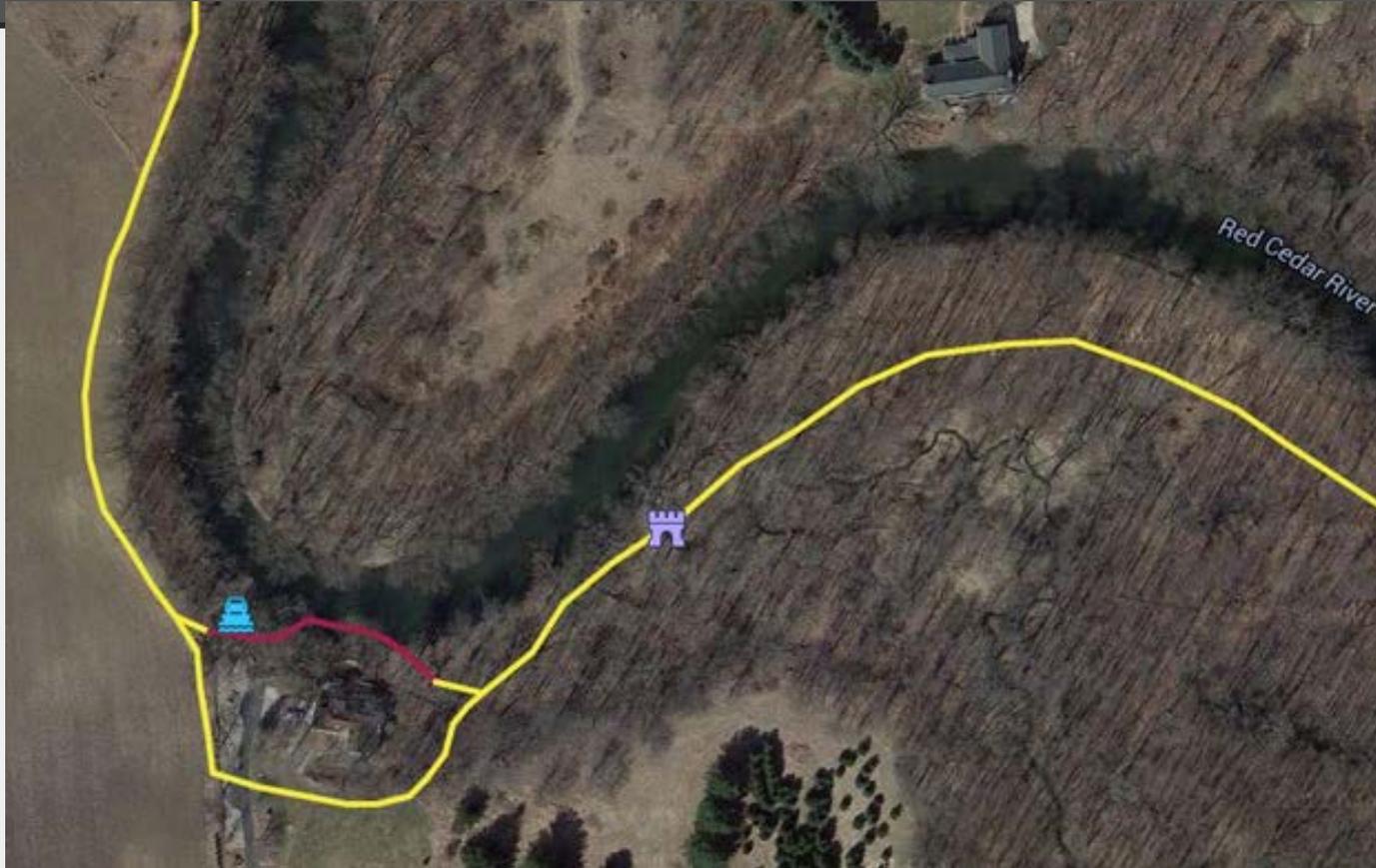


Meridian Road to Zimmer Road		Zimmer Road to Putnam Street	
North Side of River	58	North Side of River	14
South Side of River	11	South Side of River	53

Parcel Obstacles



Structure Proximity to River



Proposed Solution

- Cantilevered platform
 - Lansing River Trail



Recommendations

- Timeline
 - 1-2 Years
 - 3-5 Years
 - 6-10 Years
- 3 Phases of construction
- Potential funding sources

Timeline: 1-2 years

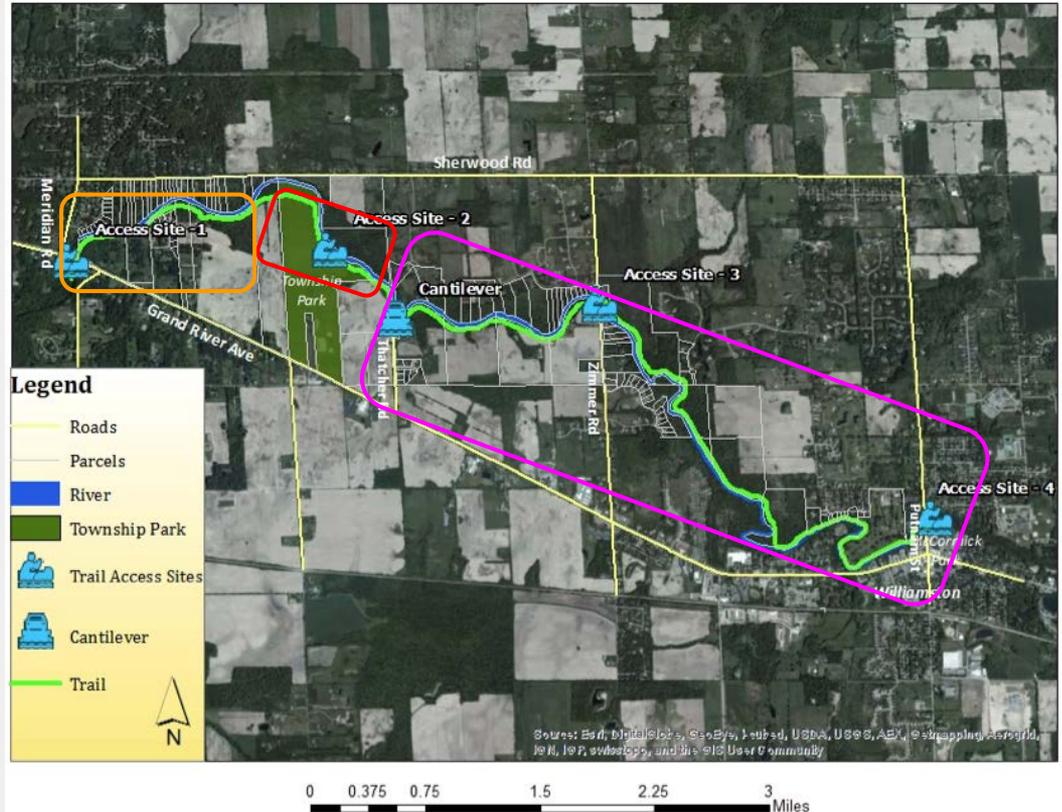
- “Friends of the Trail” group
- Continue public engagement
- Engineering study and cost estimates
- Easement study
- Design of trailheads

Timeline: 3-5 years

- Secure funding
- Physical construction
 - In Williamstown Township Park
 - MDOT - Twp. Park
 - Twp. Park to Putnam Street

Three Phases of Construction

- Phase I █
 - Township Park section
- Phase II █
 - Connection to Meridian Road
- Phase III █
 - Connection to Putnam Street



Timeline: 6-10 years

- Continued construction
- East and West expansion



Potential Funding Sources

- Transportation Alternatives Program (TAP)
- Michigan Natural Resources Trust Fund
- Michigan Dept. of Natural Resources (MDNR)
- Public/private donations
- Advocacy groups





Thank You!

- Tri-County Regional Planning Commission
- Williamstown Township
- Dr. Rex LaMore
- Dr. Zenia Kotval
- United States Department of Housing and Urban Development
- MSU School of Planning, Design, and Construction

