

### **RED CEDAR GREENWAY MASTER PLAN**

**MICHIGAN STATE UNIVERSITY, EAST LANSING, MI (COMPLETED)**

Michigan State recently adopted a Vision 2020 goal to balance automobile accommodations with a priority for bicycle, pedestrian and public transit needs on campus, yet lacked the transportation planning to support such. The Red Cedar Greenway Master Plan thus assumed joint goals of establishing a state-of-the-art non-motorized facility for the safe, efficient, and pleasant movement of people through the heart of the MSU campus; and defining campus-wide non-motorized transportation solutions. Plan highlights include encouraging user separation by making it more convenient to use the correct facility, providing information kiosks at key junctures for enhanced campus wayfinding, and using special paving at conflict points as a traffic calming technique to warn all users of intersecting paths. Campus-wide transportation solutions that place priority on walking and bicycling were also defined, including improving road intersections for enhanced non-motorized crossing through the use of raised and colored speed tables, and adding signed and striped bicycle lanes on selected streets.

Terri Musser was responsible for determining non-motorized ADT from user counts and student class hour data; conducting travel analysis of residential populations and building and classroom usage patterns; analyzing bicycle and pedestrian crashes; researching shared-use vs. separated facilities for bicyclists and pedestrians; and developing proposed path configurations, conceptual designs for establishing alternative mode priorities, campus-wide transportation infrastructure modifications, and enhanced high-security bicycle parking options.

Client: MSU Campus Parks and Planning,  
Deb Kinney (517) 355-9582  
Contact: The Greenway Collaborative  
Norman Cox, Project Manager  
(734) 668-8848

