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**Project Synopsis:**

The desired outcomes of this project are as follows:

1. To provide a network of safe routes for non-motorized transportation as well as to increase awareness of different forms of transportation, by designating shared-use pathways on campus. It is currently against school policy to bicycle on campus although the policy is unenforced. The designation of shared-use pathways on campus would allow for and promote bicycling on campus.

2. To support Western’s Master Plan and commitment to promoting healthy student lifestyles, increasing non-motorized infrastructure, and the 2012 Climate Action Plan to be Carbon Neutral by 2065.

3. To work in cooperation with Campus Planning and the Wayfinding Initiative project which provides signage for wayfaring on campus, this could help encourage more sustainable and healthier forms of transportation on sidewalks through campus.

**Methodology:**

The methods used in this project in order to identify next steps for providing alternative transportation infrastructure on campus.

1. The main method used in this project was studying Kevin Martini’s Best Practice Study of Bike Friendly Universities: Sidewalks & Signage Policies. Included was a map of a network of proposed pathways through major corridors on campus (refer to appendix section). Also included in the report was a recommendation to phase in infrastructure. Phase 1 in the development of proper infrastructure throughout campus is depicted in the attached photo and provides shared-use pathways through 2 high traffic corridors on main campus.

2. Campus Planning and Mr. David Dakin are working on the Wayfinding Initiative which could support non-motorized transportation on campus. The Wayfinding Initiative is a project that works to improve the experience of visitors, as well as students, faculty and staff in navigating the campus environment. If signage for this initiative included the newly established pathways, it could help support bicycling on campus.
Contacts:

- Mr. David Dakin;
  - Director of Planning, Space Management and Capital Projects

Conclusion:

If shared-use pathways are implemented connecting major zones on campus students would be encouraged to ride bicycles or use other non-motorized forms of transportation to commute to campus. By using the pathways proposed in this report, students could perform research studies to identify how well the pathways work. Once data is collected and analyzed, pathways and signage could be marked on the rest of the existing sidewalks and roads throughout campus.

Recommendations:

I recommend that the University works to create safe infrastructure for non-motorized transportation. A pilot project to design proper signage at the West Michigan Ave. sidewalk underpass that slows down and organizes traffic should be a main priority for the university. Following the pilot project, phase 1 pathways should be implemented and Wayfinding Initiative should include these pathways in signage. Students could perform traffic and spatial analysis to understand the flows of traffic on the new campus pathways. This could help in the design of proper shared-use pathways on other existing sidewalks through main campus.

Appendix:

Map 1 (Distances = 10,350.2 ft. of shared use pathways, and 3,696 ft. of shared road lane markings)