



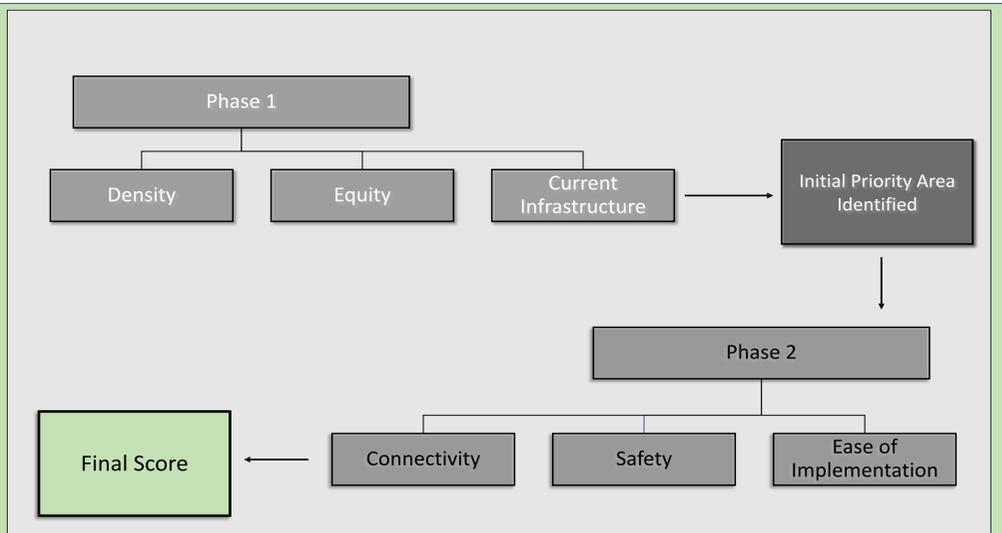
Planning for Non-Motorized Transportation in Garfield Township



Goals

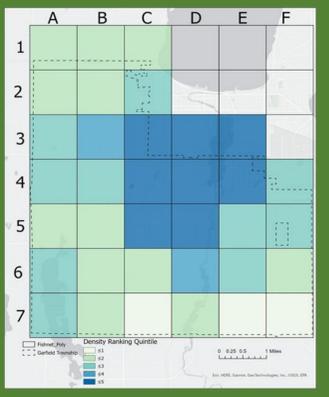
The goals of this project were to gather data on demographics and similar township communities to aid in the development of a method of prioritization for future non-motorized transportation projects (NMT). This will also assist with the Township Master Plan update in 2023, which will likely include non-motorized transportation enhancement suggestions.

Method for Prioritization



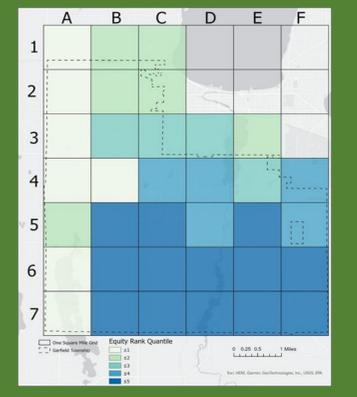
Phase 1

Density (AOI)



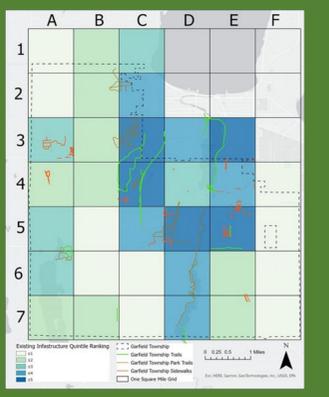
This map displays the density of areas of interest

Equity



This map displays the ranking of equity factors such as age, income, and dependents

Infrastructure



This map displays the density of existing infrastructure

Phase 2

Method for Prioritization – Phase 2

0 – Does Not Meet
1 – Somewhat Meets
2 – Completely Meets

Connectivity	The site provides a continuous connection between existing non-motorized infrastructure	-/2
	The site provides a continuous connection to public transportation or an existing trail network.	-/2
	The site provides continuous non-motorized infrastructure connecting to a high-density residential area, or high-density corridor.	-/2
	The site provides continuous non-motorized infrastructure that connects to areas of interest (employment centers, schools, hospitals, grocery store).	-/2
Safety	The site provides safety for Garfield Residents with attention to the following groups (elderly, children, low-income, disabled).	-/2
	The site contains non-motorized infrastructure located near high-volume vehicular traffic area	-/2
	The site contains safe barriers between pedestrians and motorized traffic.	-/2
	The site contains non-motorized infrastructure that incorporates such items (crosswalks, ADA crossings, pedestrian crossings, barriers).	-/2
Ease of Implementation	Environmental Factors: There are environmental challenges related to topography and difficulty of construction.	-/2
	Environmental Factors: There is environmental impact or sensitivity according to the Michigan Department of Environment, Great Lakes and Energy (EGLE).	-/2
	Property Ownership & Easements: The project poses challenges to property acquisition, ownership and easements.	-/2
Final Score		-/22

In **Phase 1**, the one square mile sections of the Township were scored from 1-5 based on Density, Equity, and Current Infrastructure.

In **Phase 2**, the identified areas were scored from 0-2 on Connectivity, Safety, and Ease of Implementation, giving them their final score out of 22.

Recommendations

Lafranier Road

- Fill in sidewalk gaps
- Improve bus stop infrastructure
- Traffic calming measures:
 - signage, trees and railings
- Repaint crosswalks

Scoring: 4/22



Mall Trail to Miller Creek

- ADA compliant multi-use trail
- Improve visibility of pedestrians:
 - signage, crosswalks along curb cuts

Scoring: 2/22



S. Airport Road

- Fill in sidewalk gaps
- Installing ADA compliant multi-use paths
- Install lighting and covered bus stops
- Repaint crosswalks

Scoring: 7/22

