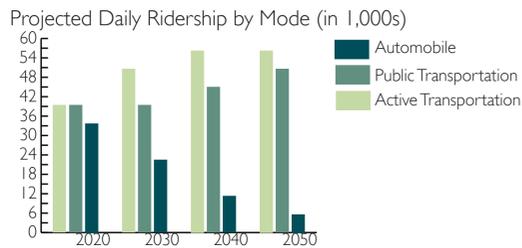
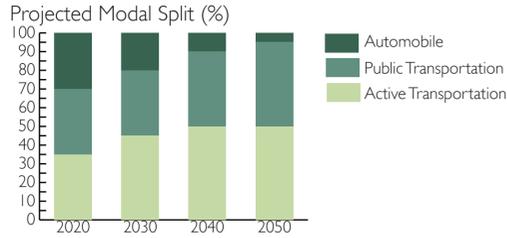
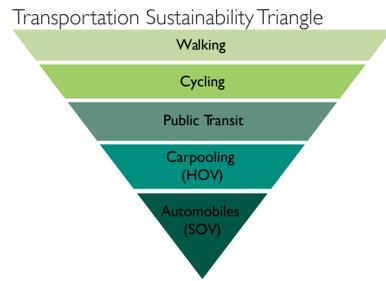


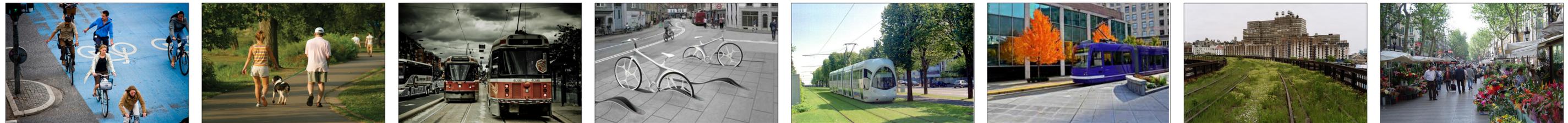
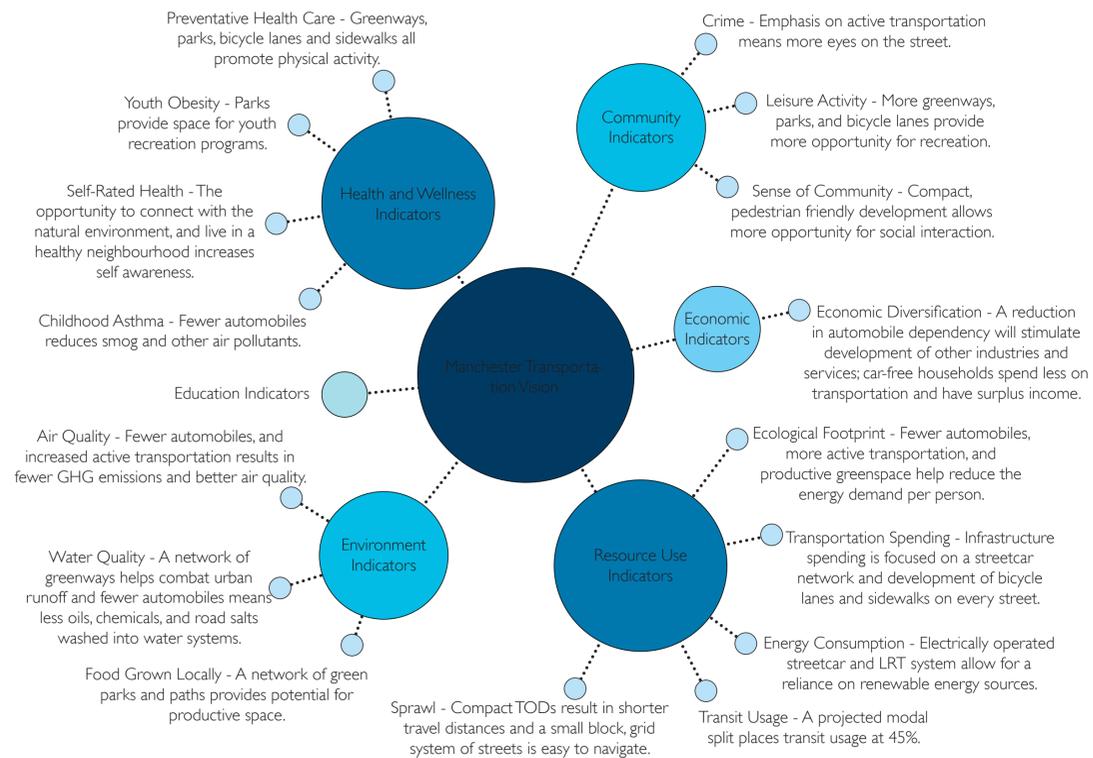
Vision and Scale

The following design strategies are proposed for the Manchester transportation network:

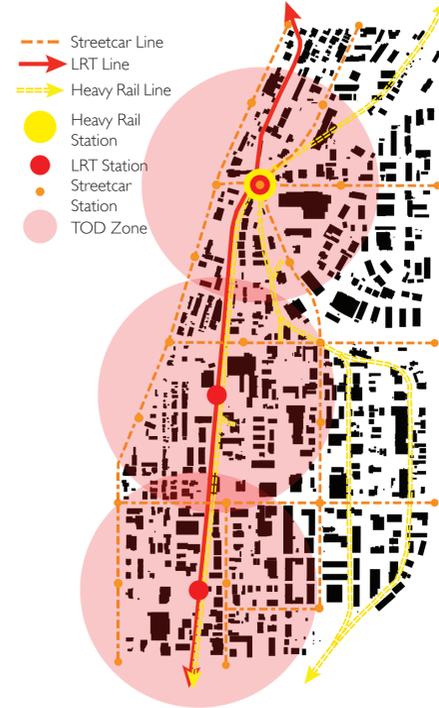
- Establish a streetcar grid that services all sectors of the district and forms the backbone of the transportation matrix
- Reallocate road space to bicycle lanes
- Implant infrastructure that will accommodate bicycle use
- Create pedestrian friendly streets through traffic calming measures, and larger more extensive sidewalks
- Establish a connected network of green corridors and pathways throughout the district
- Build a third LRT station where 50th Avenue SW meets the current line
- Establish Manchester as the Calgary end of line for the regional high speed rail system
- Use the existing CP/CN rail branch lines to facilitate the movement of goods, services and people
- Promote electricity as the primary source of power for transportation wherever possible



Sustainability Indicators



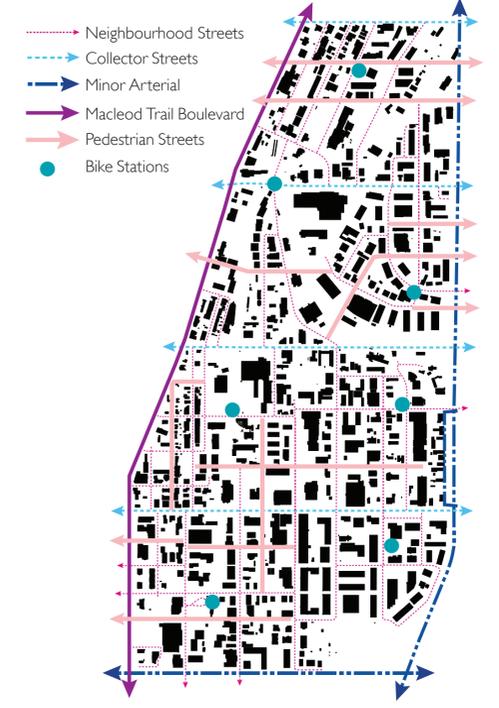
Rail Network



Green Network



Pedestrian, Bicycle and Road Network



Transit Mode	Element	Number of Units	\$/Unit	Total
Street Car	Track	12.5 km	\$15 M	\$187.5 M
	Cars	200	\$500,000	\$100 M
	Stations	25	\$100,000	\$2.5 M
	Maintenance Barns	8	\$1.2 M	\$9.6 M
	Greening of Corridors	82,500 m ²	\$20	\$1.65 M
Subtotal				\$301.3 M
Bicycles	Lanes	72 km	\$50,000	\$3.6 M
	Stations	7	\$8 M	\$56 M
	Parking (covered)	50	\$25,000	\$1.25 M
	Parking (pole and loop)	500	\$750	\$375,000
Subtotal				\$61.3 M
Greenway	Paths and Landscaping	8.8 km	\$400,000	\$3.52 M
	Burying of Powerline	1.8 km	\$4 M	\$7.2 M
Subtotal				\$10.8 M
Streets	Neckdowns (intersections)	6,000 m ²	\$85	\$510,000
	Sidewalks	170,000 m ²	\$80	\$13.6 M
	Boulevards	15,000 m ²	\$80	\$1.2 M
Subtotal				\$15.4 M
Pedestrian Streets	Pedestrian/Bike Boulevards	97,500 m ²	\$80	\$7.8 M
Subtotal				\$7.8 M
LRT and Heavy Rail	LRT Station	2	\$15 M	\$30 M
Subtotal				\$30 M
Total				\$426.6 M

Street Typologies



MANCHESTER TRANSPORTATION 2050