

1. Modified Grid Street System



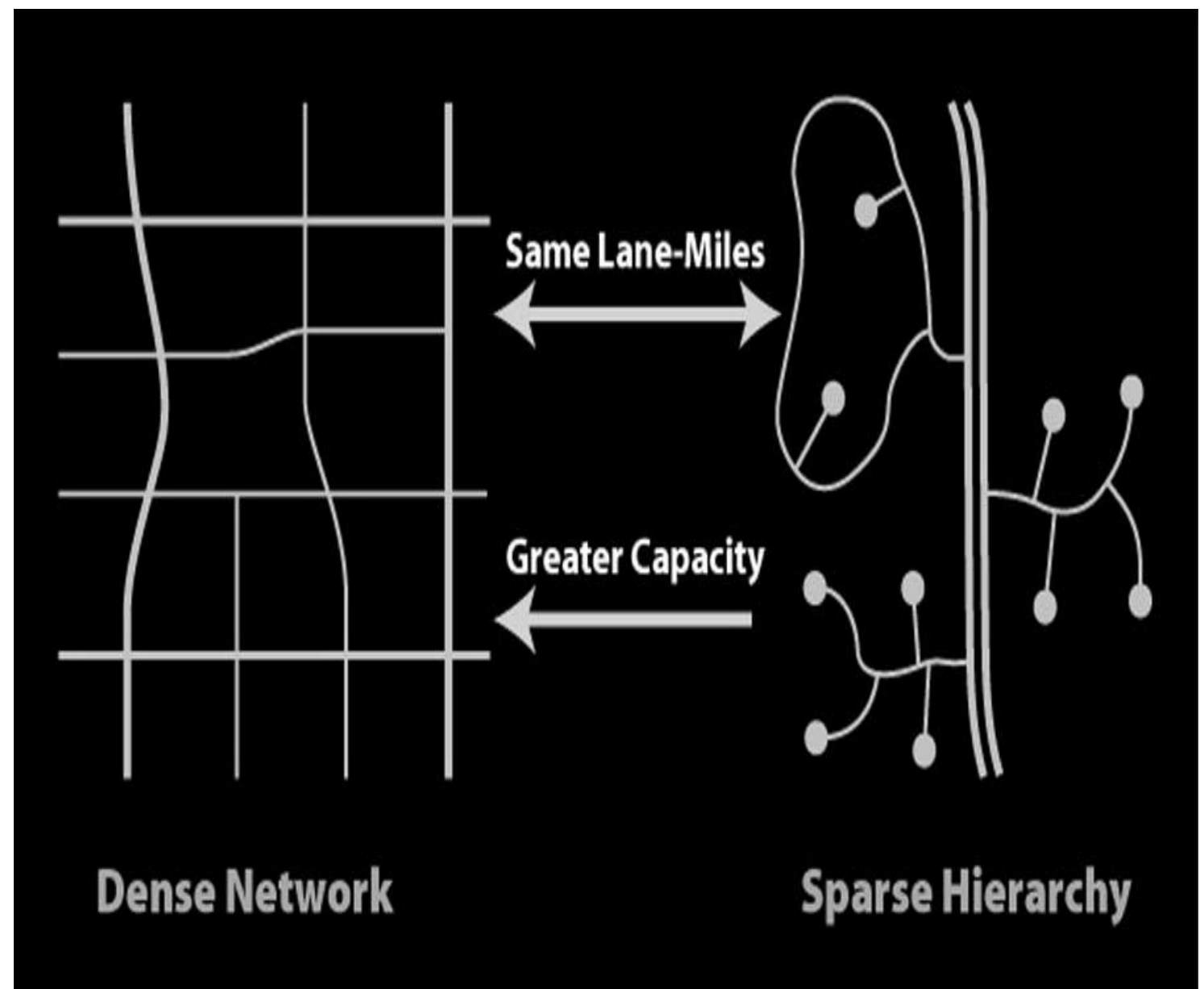
Source: www.lincolnlinst.edu

Recommendations:

- A. Continue implementing the modified grid street system in the undeveloped Northwest Lands, in accordance with policies of the Municipal Development Plan, Transportation Master Plan, and Utility Master Plan.

Why:

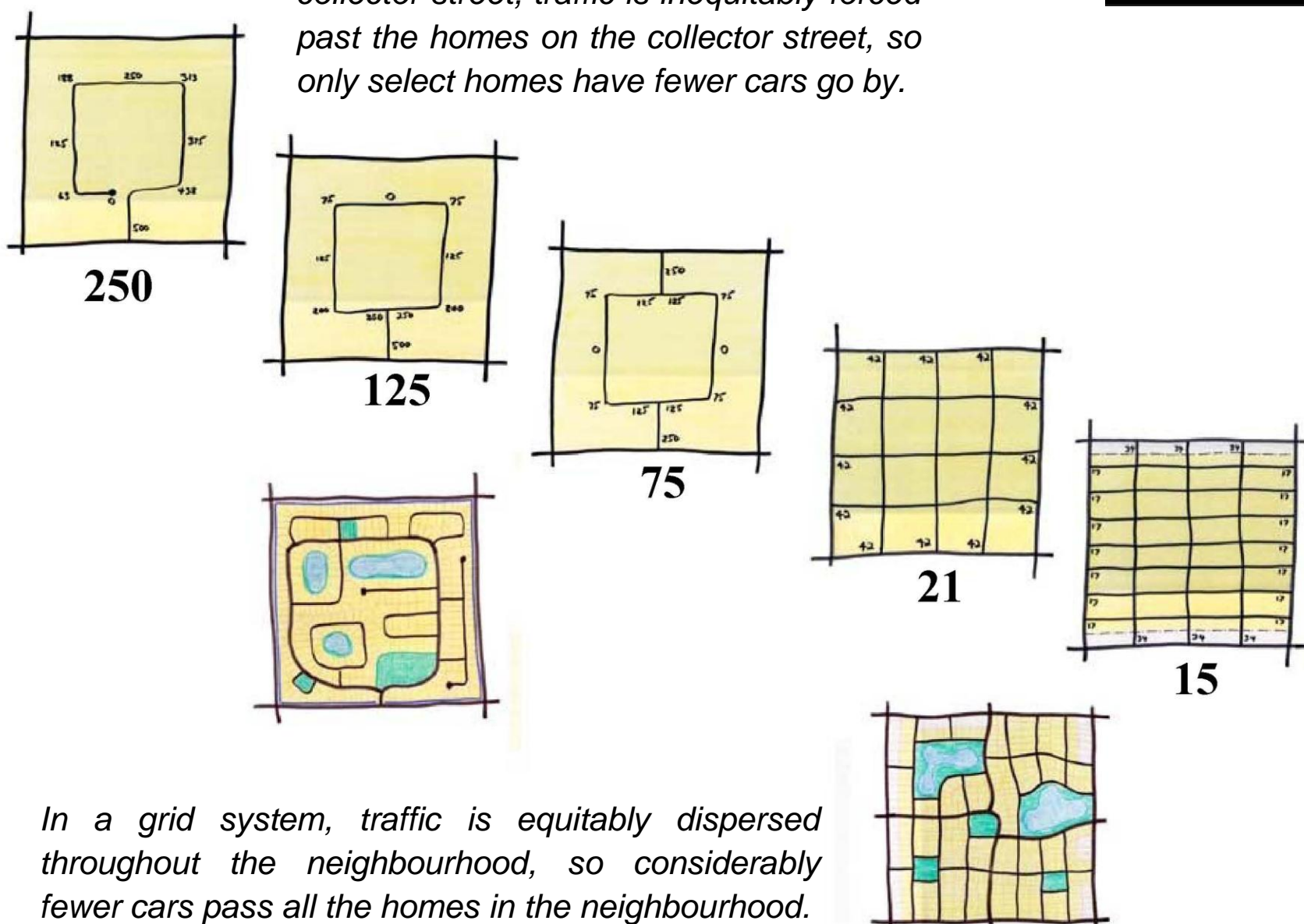
- Reduced congestion due to dispersion of traffic on more route alternatives.
- Improved emergency response time with connectivity.
- Shorter and more direct walking, transit and cycling distances, increasing use of these alternative forms of transportation.
- Necessary for higher development opportunities.
- Better framework for future re-development.
- Slower vehicle speeds in neighbourhoods due to shorter block lengths.



Source: Glatting Jackson

Traffic Counts

When cul-de-sacs feed onto a single collector street, traffic is inequitably forced past the homes on the collector street, so only select homes have fewer cars go by.



In a grid system, traffic is equitably dispersed throughout the neighbourhood, so considerably fewer cars pass all the homes in the neighbourhood.

Source: Glatting Jackson



The Modified Grid System can be found in Mission and some of the other established neighbourhoods.

Potential challenges:

- Departure from current curvilinear street system.