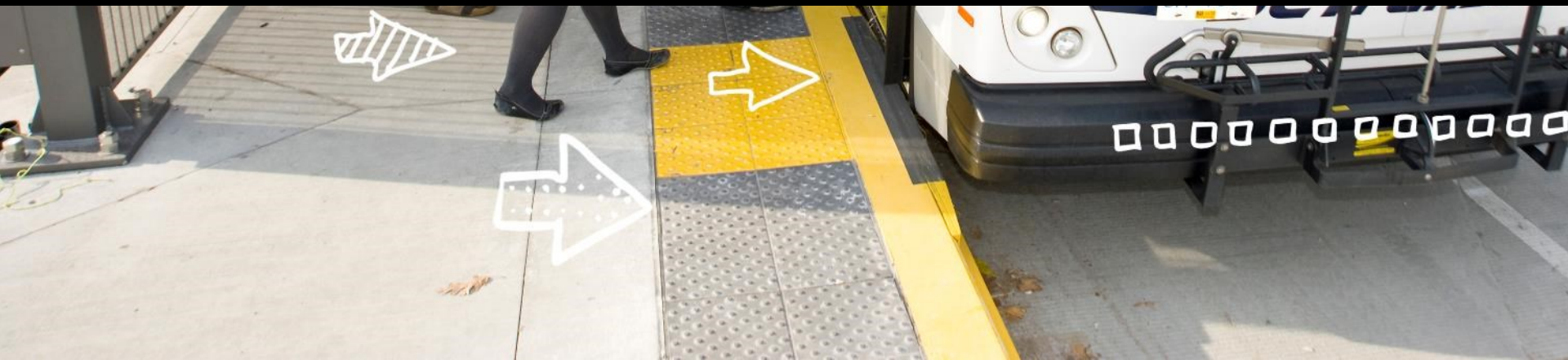




How Transit Can Keep Kelowna Moving

July 2018



TMP Facts in Focus Series

- ▶ Responding to common themes heard during Phase 1 engagement
- ▶ How Transit Can Keep Kelowna Moving (July 30th)
- ▶ The Congestion Paradox (August 13th)
- ▶ Principles for an Uncertain Future (November)

How Can Transit Keep Kelowna Moving

- ▶ Limited space to widen streets in the core
- ▶ By enabling more people to share a vehicle, public transit increases the people-moving capacity of our roads

Moving People More Efficiently



Photo Credit – Roland Tanglao



► Broadway St

- Buses carry 79K people per day

► Harvey Avenue

- Vehicles carry 77K people per day

What Makes Transit Effective?

- ▶ Transit has to be reliable, frequent, fast and less expensive than driving.
- ▶ Current bus service moves with the flow of other traffic.
- ▶ Separating transit from other traffic will move towards what is often called “mass transit”.

Streetcars



Photo Credit – Sam Beebe

- ▶ Typically shares lane with other traffic
- ▶ \$37-52m per km to build

Bus Rapid Transit (BRT)

- ▶ Can have its own lane, or be fully separated at intersections
- ▶ \$3-14m per km to build

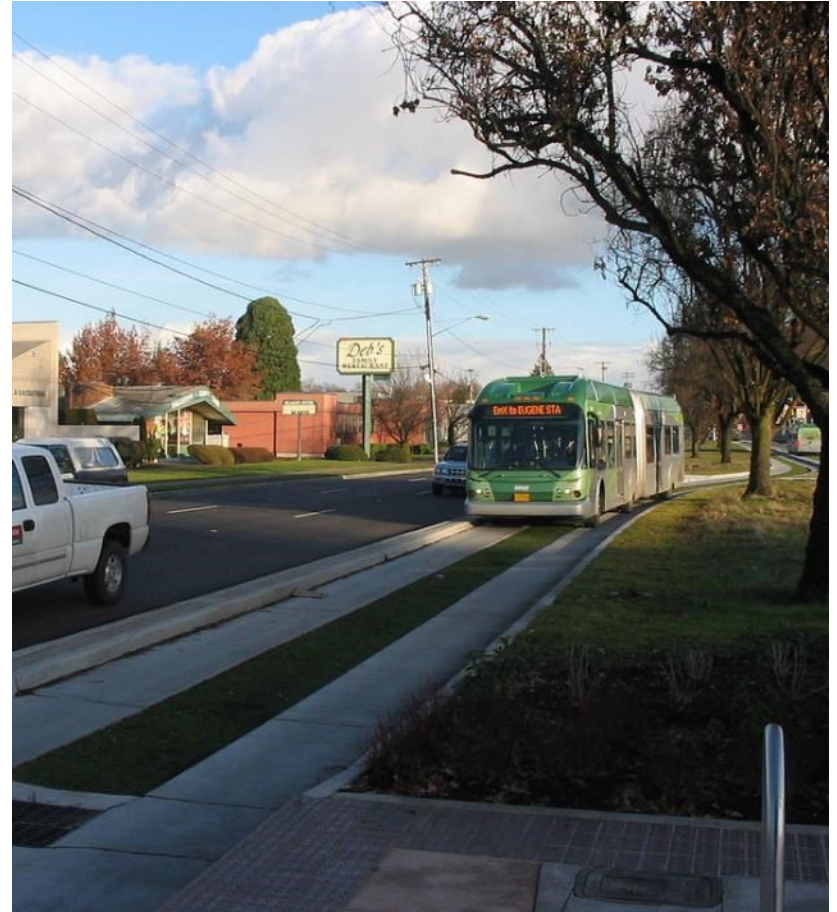


Photo Credit – Chris Phan

Light Rail Transit (LRT)

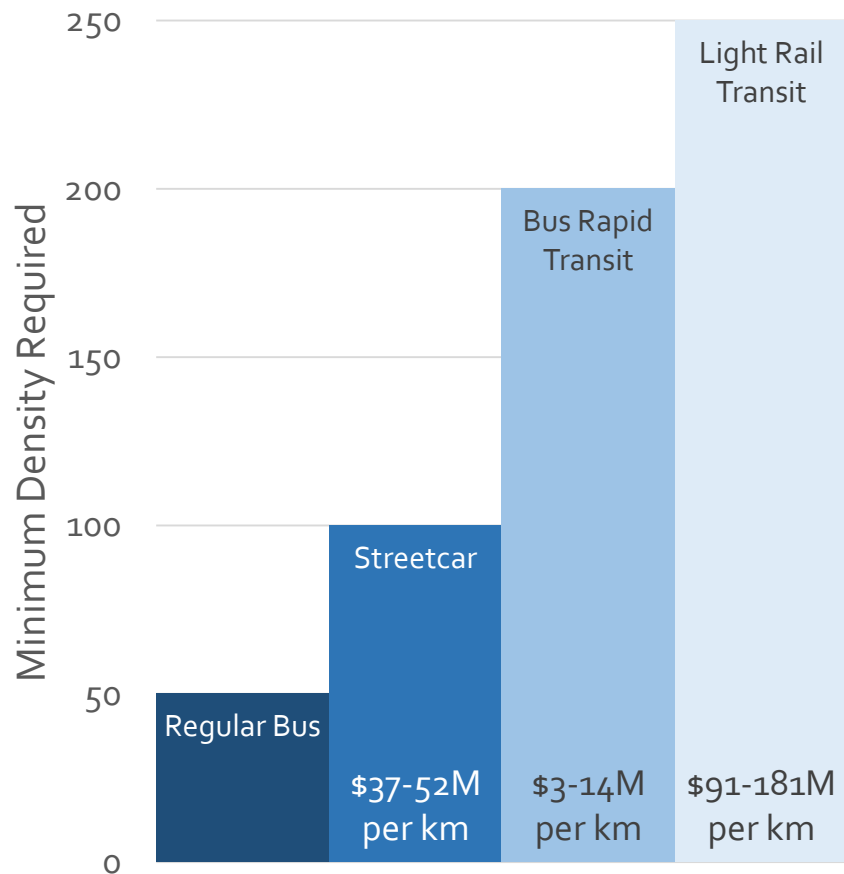


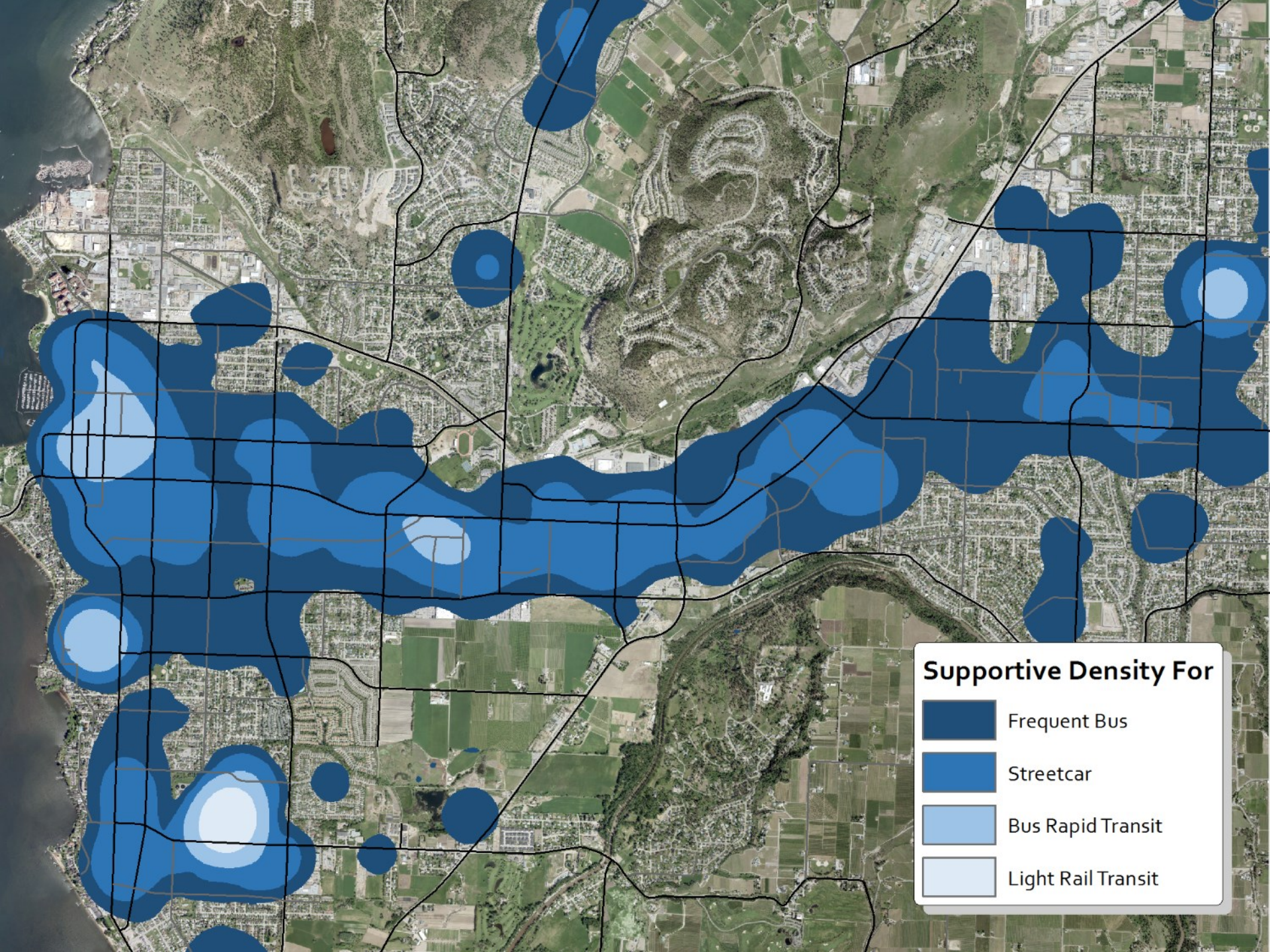
Photo Credit – Ian Sane

- ▶ Typically has its own lane, can be fully separated at intersections
- ▶ \$91-181M per km to build

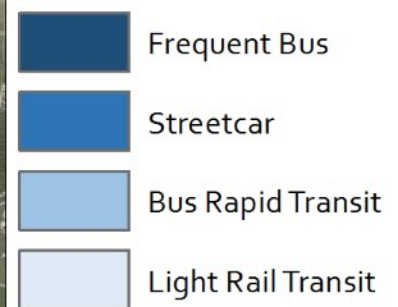
Steps Towards Mass Transit

- ▶ As capacity increases, need more people living and working nearby to support transit



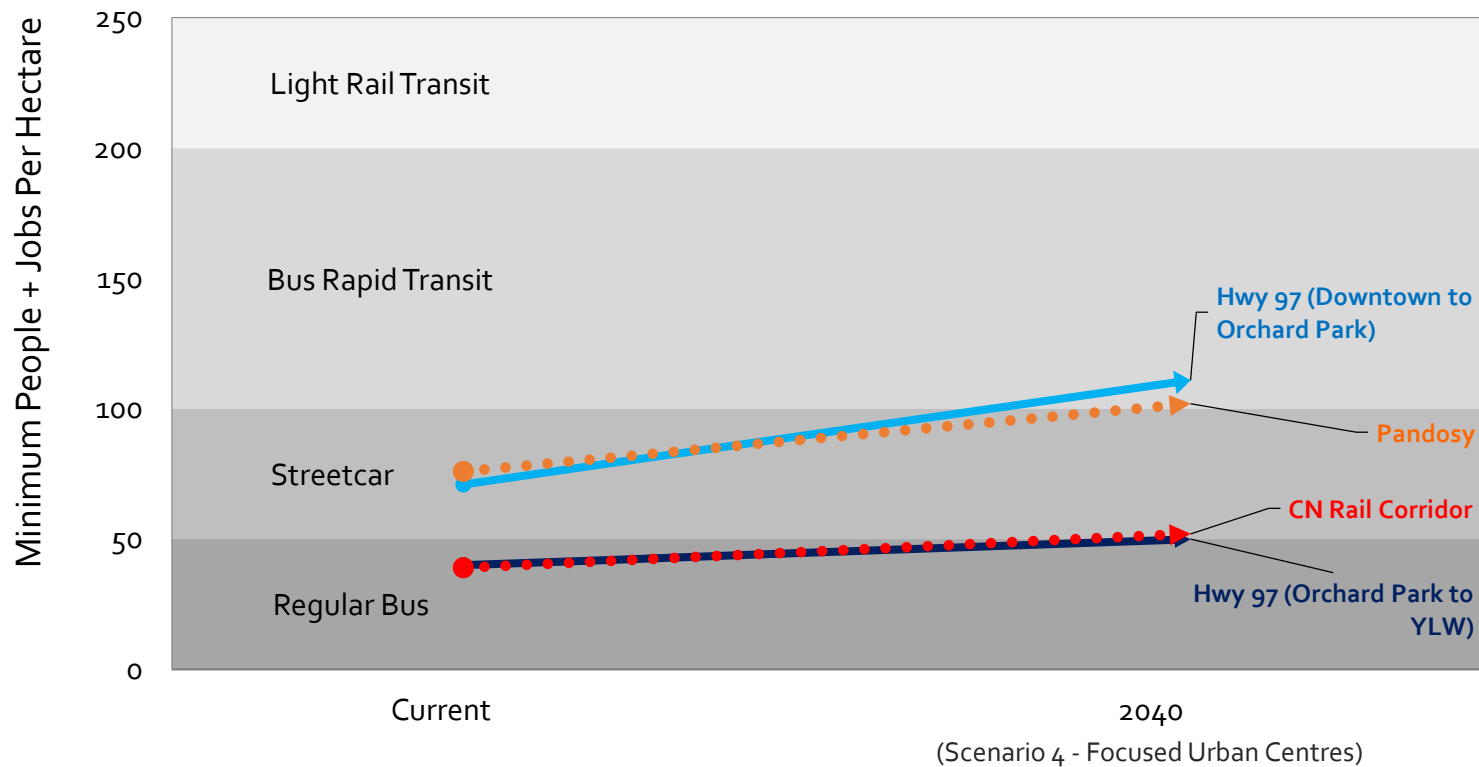


Supportive Density For



Steps Towards Mass Transit

Current and Future Density of Transit Corridors



Next Steps

- ▶ Public transit is helping move people more efficiently in Kelowna today
- ▶ Improving bus service by giving it priority over other traffic at key locations/corridors
- ▶ Incremental steps towards mass transit will prevent congestion from limiting our prosperity and quality of life

Questions?