

I support the selection of the full BRT option for London, I believe that it offers the brightest, most exciting future for the City.

LRT IS EXPENSIVE, OLD TECHNOLOGY

- LRTs are hellishly EXPENSIVE to build, fixed and inflexible once in place, and very expensive to maintain (by City taxpayers) once installed.
- An LRT would SNARL TRAFFIC flow in downtown London, just as it did in Edmonton.
- LRT would increase carbon EMISSIONS along routes (due to increased traffic congestion) just as it did in Edmonton.
- LRT will bankrupt businesses along the route (construction takes years) – as it is now doing in Kitchener-Waterloo
- The proposed LRT routing will create major problems for emergency vehicles (Kitchener-Waterloo has just discovered this).

NATIONAL POST

Tristin Hopper: The \$600 million Edmonton train that snarls traffic, slows down transit times and increases emissions



Most importantly – LRTs are OLD TECHNOLOGY, unsuited for the direction that public transportation is headed.

NEW TECHNOLOGY: AUTONOMOUS VEHICLES

Autonomous (driverless) vehicles are much closer to reality than you might think.

- There is currently a tremendous amount of research and development work being done to get autonomous vehicles on the road.

Major manufacturers involved include: Google, Apple, General Motors, Tesla, Ford, Fiat-Chrysler, Volvo, Toyota, Mercedes Benz, Audi

- Advanced driver assist technologies are being developed by:

Google, QNX Canada, Delphi, Cisco, Bosch, Continental, Codha Wireless, Autotalks, Mobileye, Nvidia, and many others.

- Garmin, Tom Tom and other mapping firms are hard at work developing high-definition maps for use by these technologies.
- Nearby Stratford recently partnered with the Automotive Parts Manufacturers' Association of Canada (APMA) on a proposal to test autonomous vehicles, they will be on Stratford roads this year.
- Car and Driver magazine recently tested two autonomous capable cars (Tesla and BMW) that are *on the road NOW*.
- The president of Volvo, which has driverless cars on the road today in Sweden, recently stated that autonomous cars will be commonplace by the year 2020!

Autonomous, driverless vehicles are being developed because of the potential to reduce vehicle accidents, labour costs and skill shortages, and to maximize the utilization of road real estate.

Autonomous vehicles will turn the delivery of traditional transportation services (buses, taxis, transport trucks) upside down. And they will eliminate the need to destroy neighbourhoods with the construction of wildly expensive LRTs.

BRT SETS UP LONDON FOR THE FUTURE

- BRT is less expensive than LRT, and much more SCALEABLE and FLEXIBLE, it can adapt to changing commuting patterns and ridership, and include more areas of the City in the years to come.
- BRT could be rolled out in an staged manner, as funding allows.
- BRT is PERFECTLY POSITIONED for the future: autonomous buses.

Autonomous buses are now on the roads in Finland, Italy, the Netherlands, France, Switzerland, Greece, and China



Yes, there will be trains in the future, but they will be rubber-tired VIRTUAL TRAINS of autonomous buses and other vehicles – shuttling us around, bumper to bumper, while we work and play on our smart, connected devices.

BUILD SOMETHING GREAT

Great cities need vibrant neighbourhoods and great public transportation services. Full BRT makes that possible.

- While we can learn from the mistakes of others (e.g.: Edmonton, Mississauga Metrolinx), let's stop worrying about what the neighbours have done, looking backwards instead of forward
- *Put London ahead of the technological curve.*



BRT > ART

Embrace BRT, which will lead to ART (Autonomous Rapid Transit)

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