

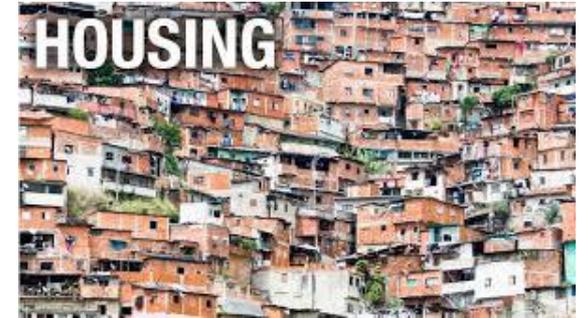
# Improving PT reliability on Auckland's motorways



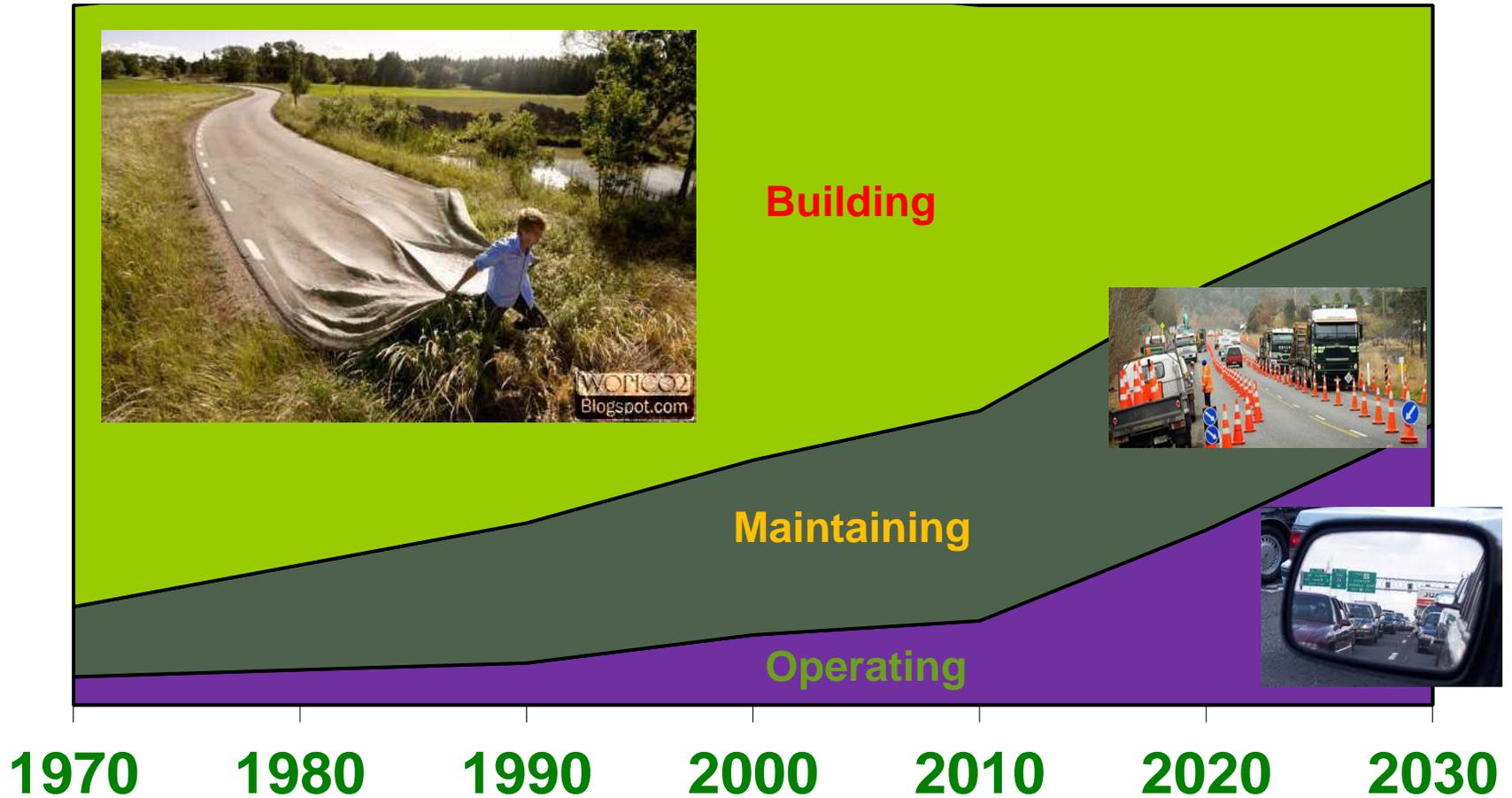
Ranjan Pant and Kevan Fleckney

Transportation Group New Zealand,  
2019 Conference Wellington

# I want to live in the world's most liveable city



# Transport Investment Trend



# Transport System



Journey  
Time

Reliability

Congestion

Delay

Costs

Travel  
Demand

Productivity

Throughput

Safety

Growth  
Rate

# NZTA Strategic Aim for Transport System

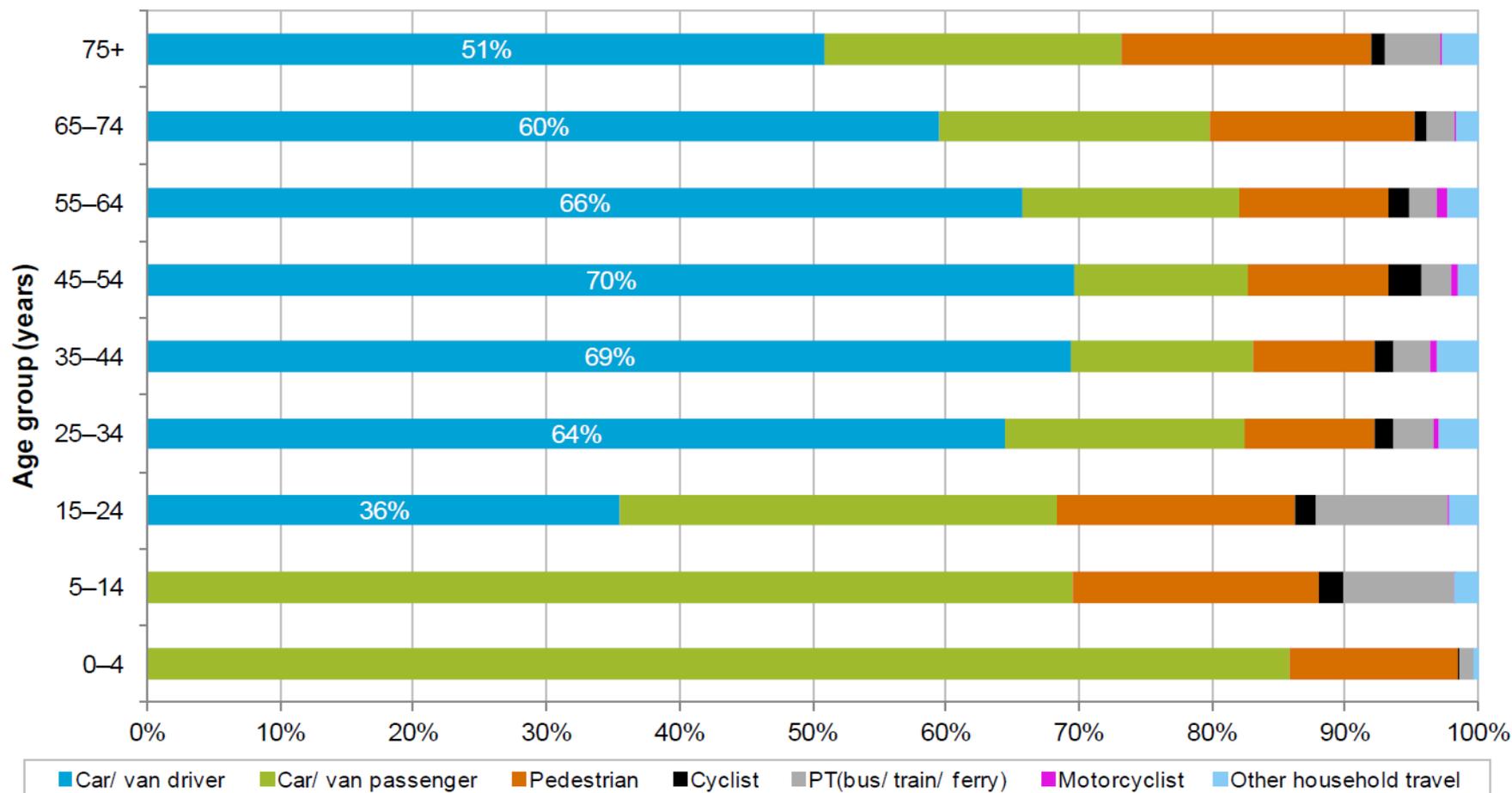


Making the most of urban network capacity

Move People and goods



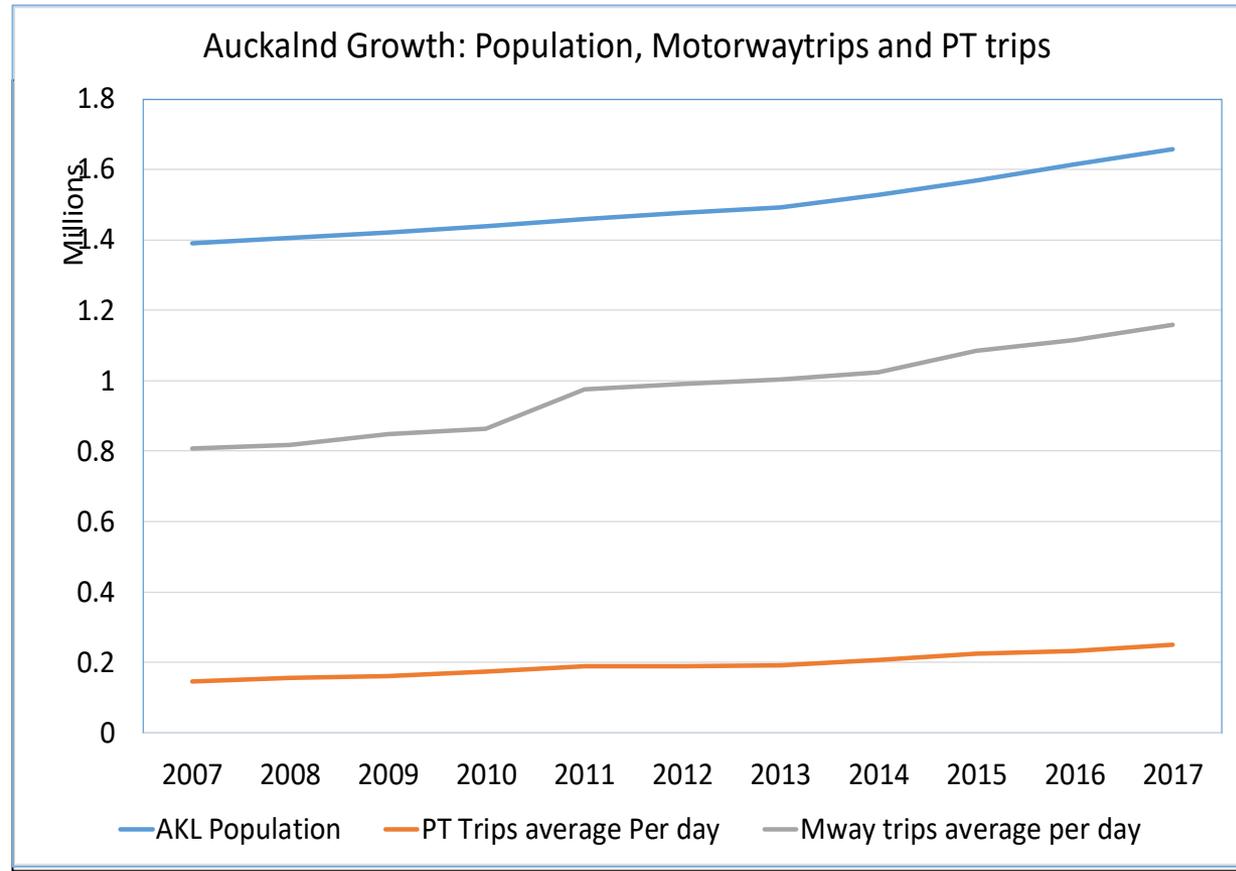
# New Zealand Travel Pattern



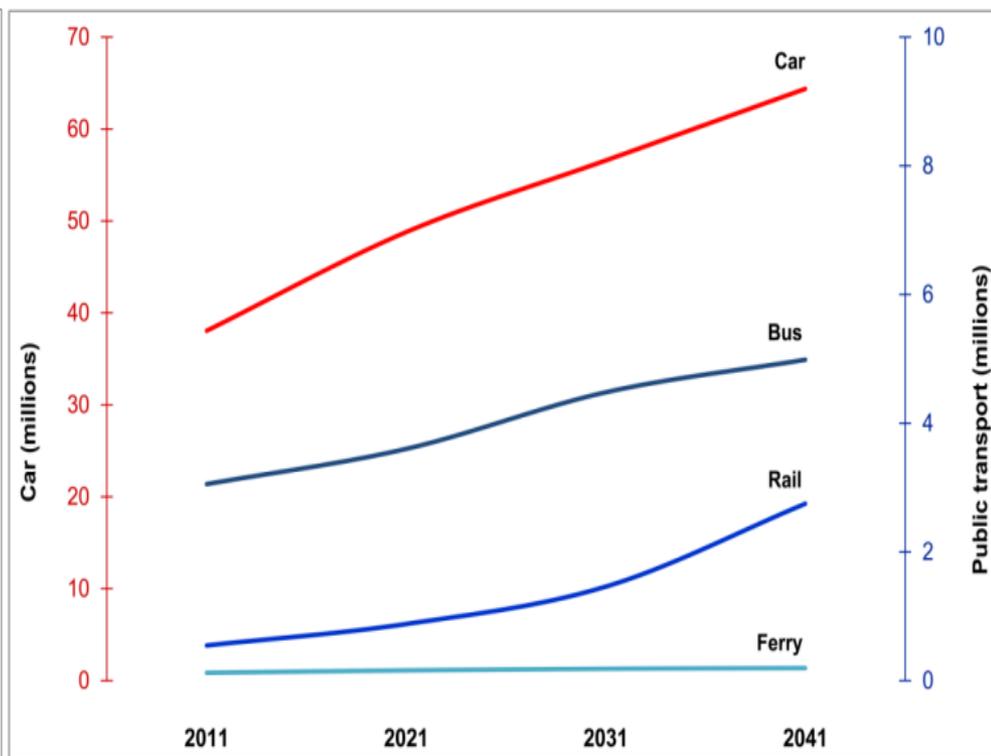
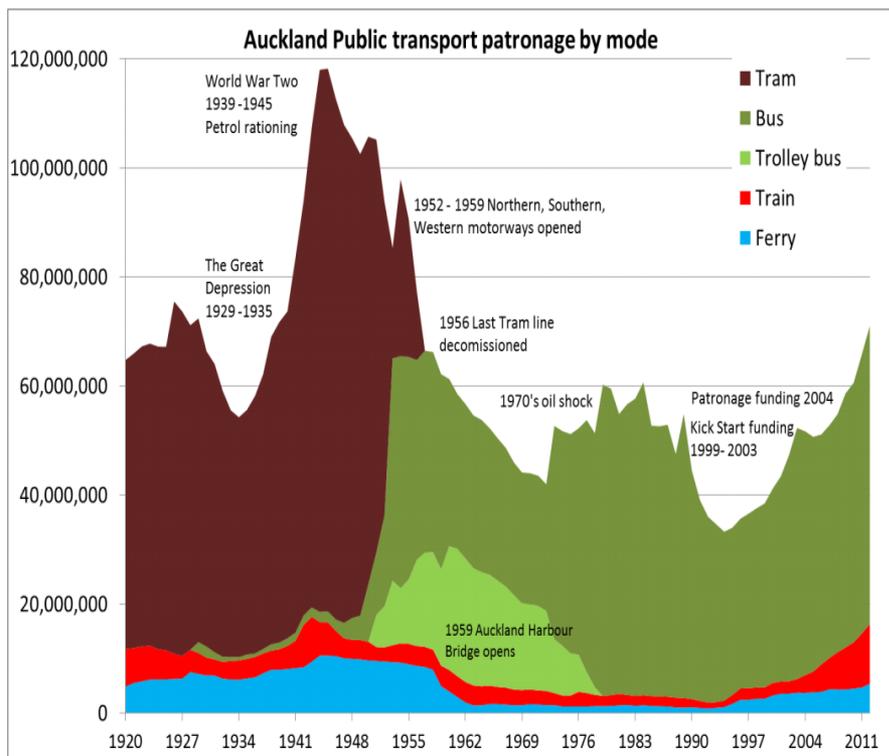
# Auckland Story

- **265** Building / week
- **\$7.097 Billion** building construction value (2018)
- **405 jobs** / week

- More young people
- New growth areas and PT
- Auckland economy
- Stronger NZ Dollar
- Stable fuel price
- Private car still better mode choice



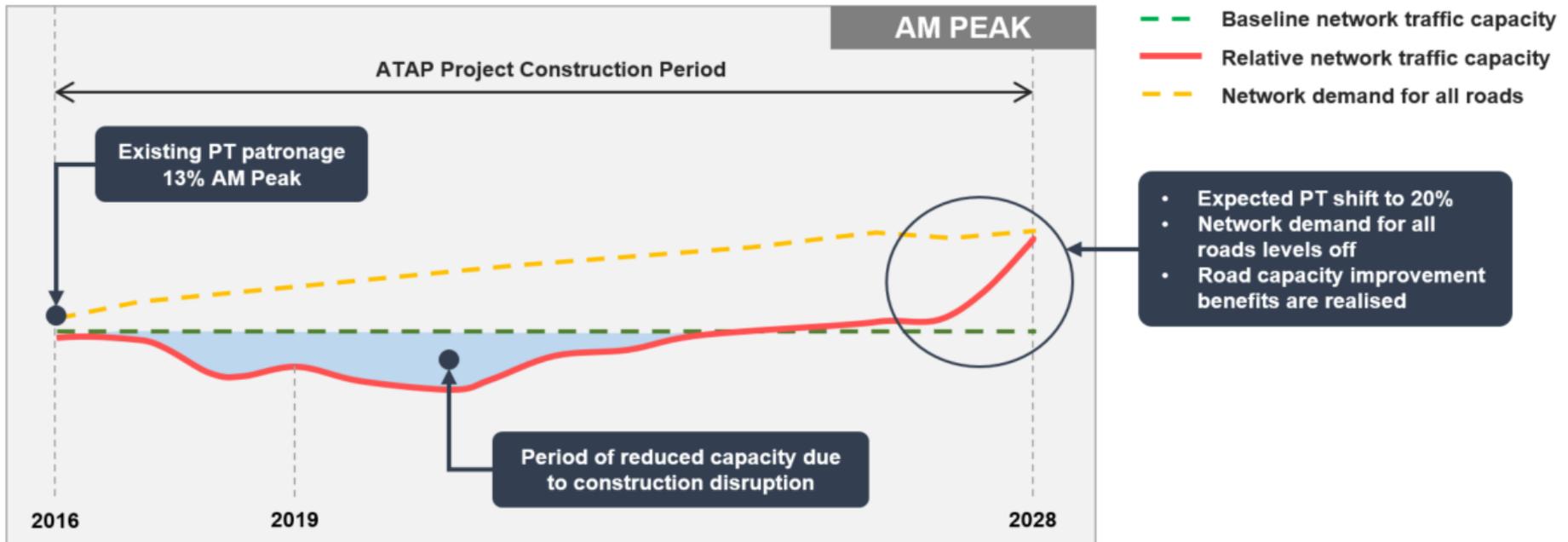
# Auckland Past Present and Future



## Public Transport in the Past

## Person KM travelled today and future

# Auckland Next Decade

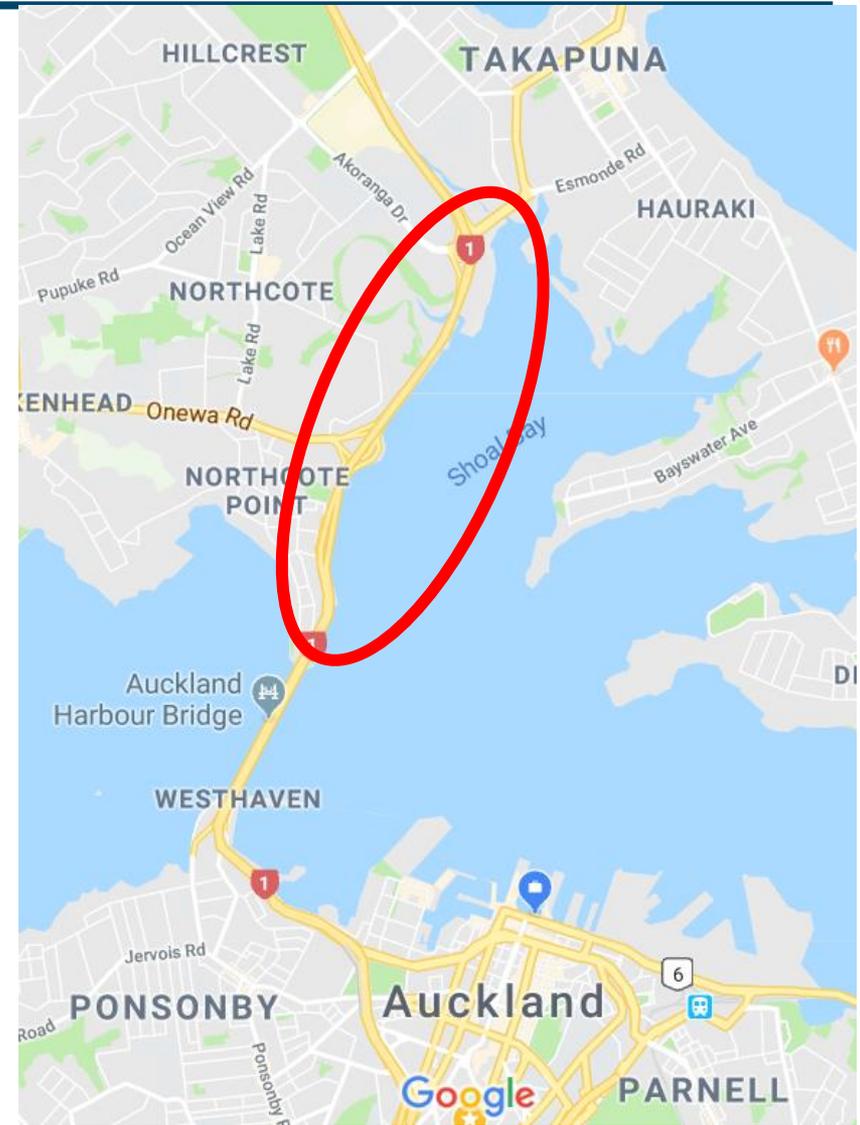


# Motorway Bus Shoulder

- Access
- Connectivity
- Journey Time
- Journey Time Reliability

## New Thinking.....Trial Site

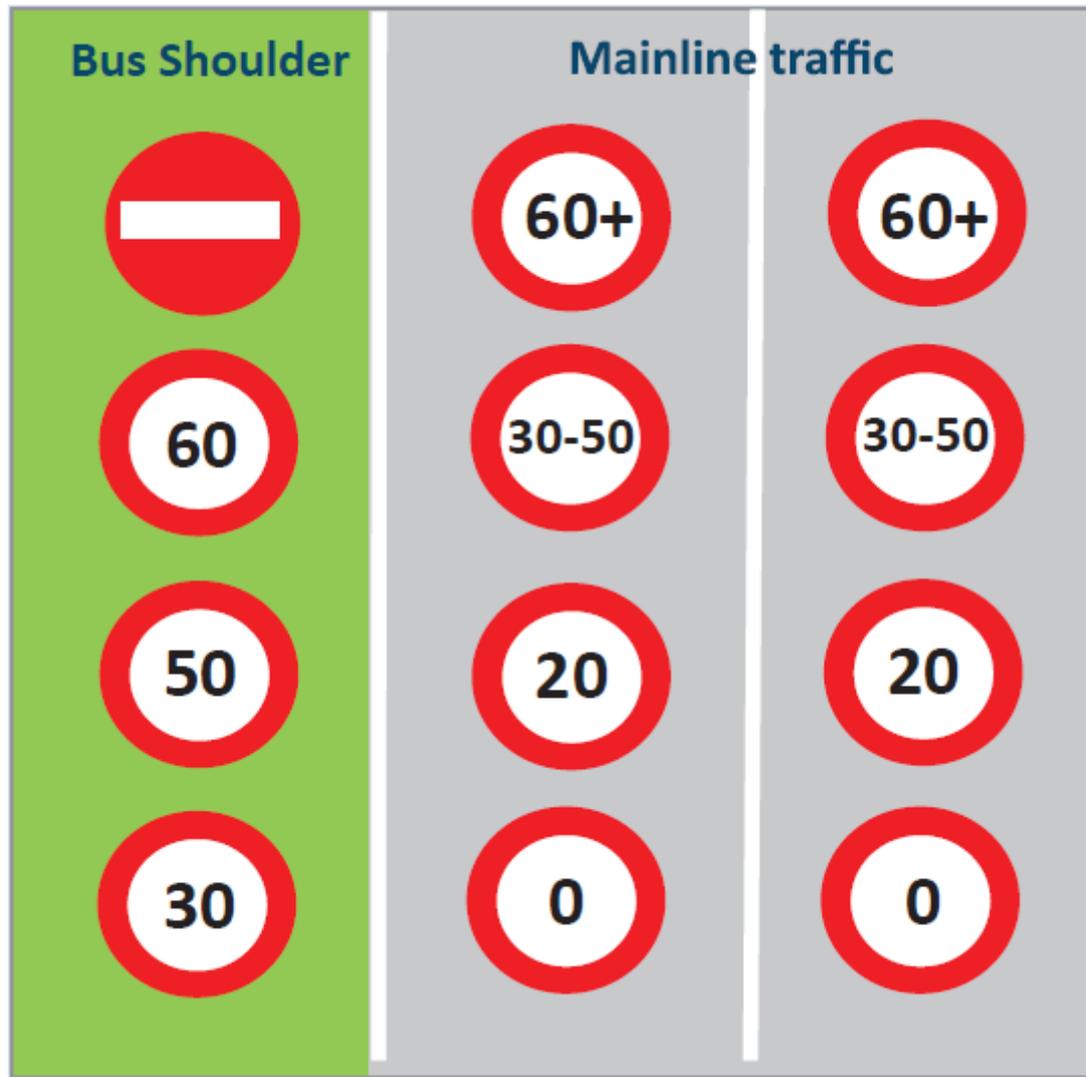
- Mostly congested in PM peak
- 120 buses / hr
- 4,800 people / hr



# The finished product



# The Rules



# Auckland Harbour Bridge

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# Stafford Road



# Stafford Road



# Stafford Road



# WIM

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# Onewa Road



# Onewa Road



# Onewa Road – existing bus shoulder



# Onewa Road on-ramp

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# Onewa Road on-ramp

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# Onewa Road on-ramp

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# Existing bus shoulder



# Esmonde Road



# Esmonde Road



# Esmonde Road

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# Let's take a drive

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# Summary

