

# **Safer Speeds**

## **- Maribyrnong journey**

### **2017-2021**

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**– Coordinator Transport**



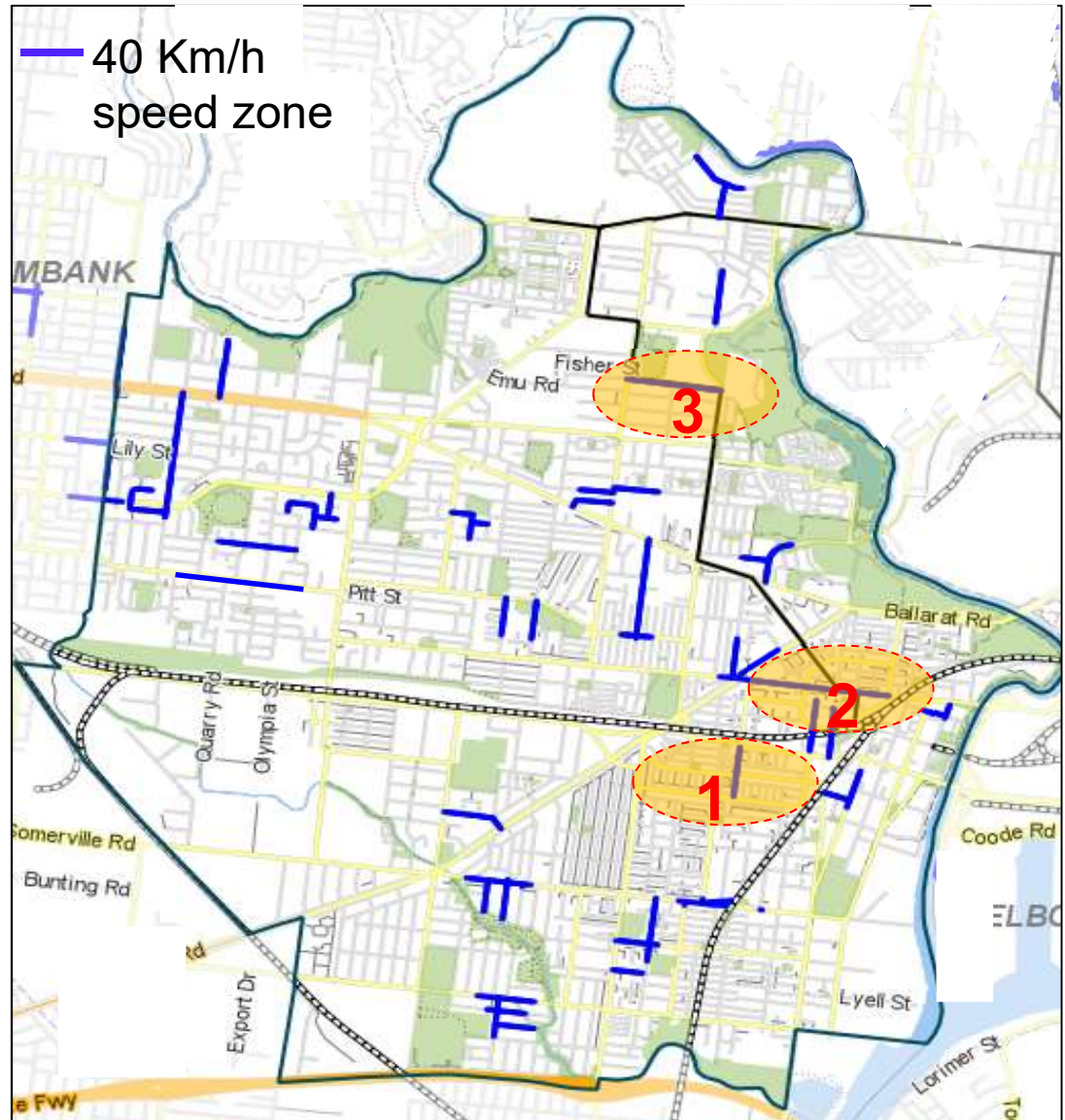
# Pre 2017 : 40 km/h speed zone

## □ Schools

- Rosamond Road (time based)
- Mephan St (permanent 40)
- Eleanor St (permanent 40)
- Duke St (time based)
- Barkly St (permanent 40)
- Hyde St (time based)

## □ Shopping Strips

1. Victoria St
2. Barkly St
3. Aquatic Drive

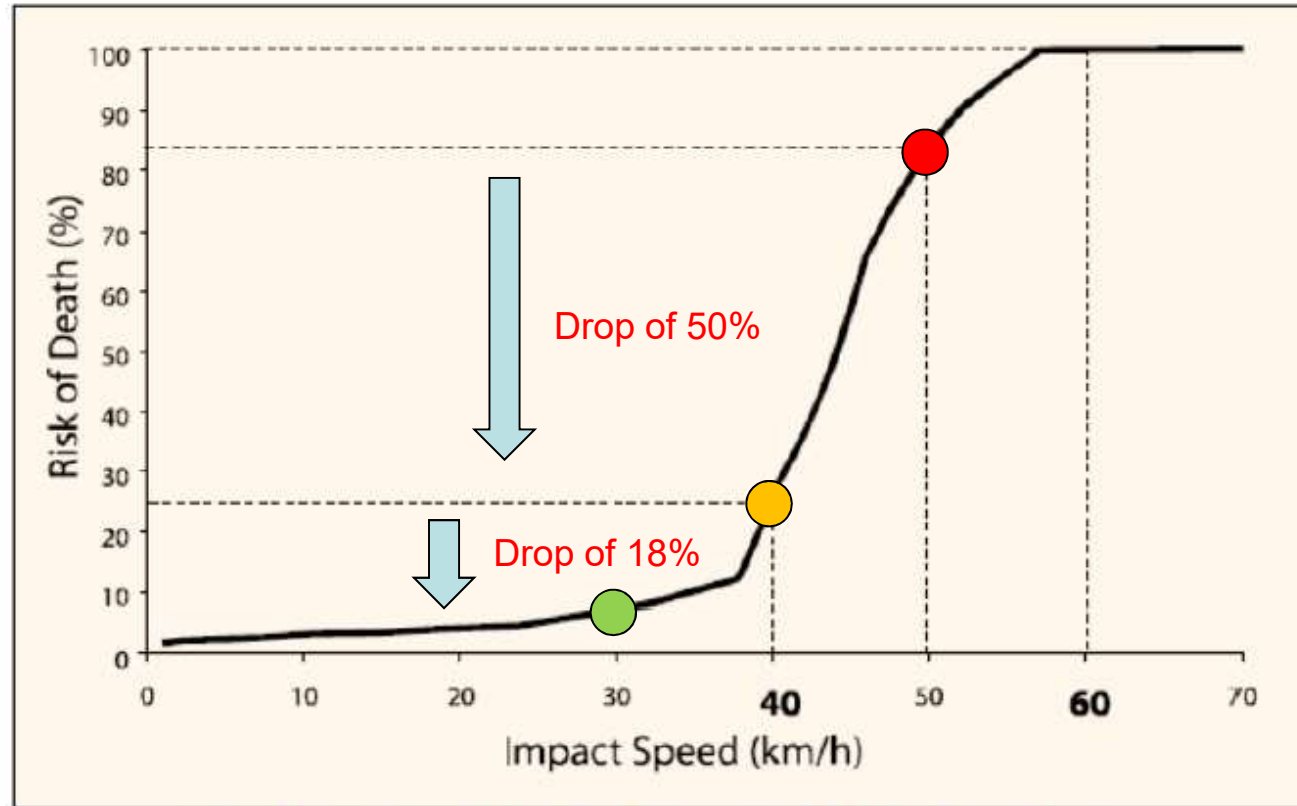


# 40 is the new 50

- Towards Zero 2016/2020 **Victoria Road Safety Strategy** & Action Plan
- Partnering LGAs & State Gov't engage local communities on the need for **Safer Speeds** on local streets – **Safe Systems** philosophy
- Maribyrnong starts prep work in late 2017 (program endorsed by Council)
- Encouraging more to walk or ride
- Lower speed limit needed to support this vision
- Default urban speed limit = 50
- Traffic calming measures will also slow down vehicles in local streets
- Must be **credible**



# Risk of death vs vehicle impact speed



*Risk of pedestrian death as a function of vehicle impact speed*

This illustrates that the risk of pedestrian death rises exponentially with collision speeds beyond 30 km/h. It is estimated that less than 10% of pedestrians would die when struck by a vehicle travelling at 30 km/h, compared with fatality rates of around 25% at 40 km/h and over 80% at 50 km/h.

[Safe speed \(victoriawalks.org.au\)](http://victoriawalks.org.au)



# Safer speeds: Area 40 speed limit

## 2018-19 Implementation

### Area 2 – Seddon & Yarraville

- Signage installation completed May 2019



## 2019-20 Implementation

### Area 1 – Footscray CBD

### Area 3 – Kingsville & Yarraville

- Signage installation completed May 2020



## 2020-21 Implementation

### Area 4 – West Footscray, Maidstone & Braybrook

### Area 7 – West Footscray & Tottenham

- Oct 2019 – Submit Areas 4 and 7 to VicRoads
- May 2020 – Endorsement by VicRoads
- Mar 2021 – Minister's approval
- May 2021 – Signage installation completed

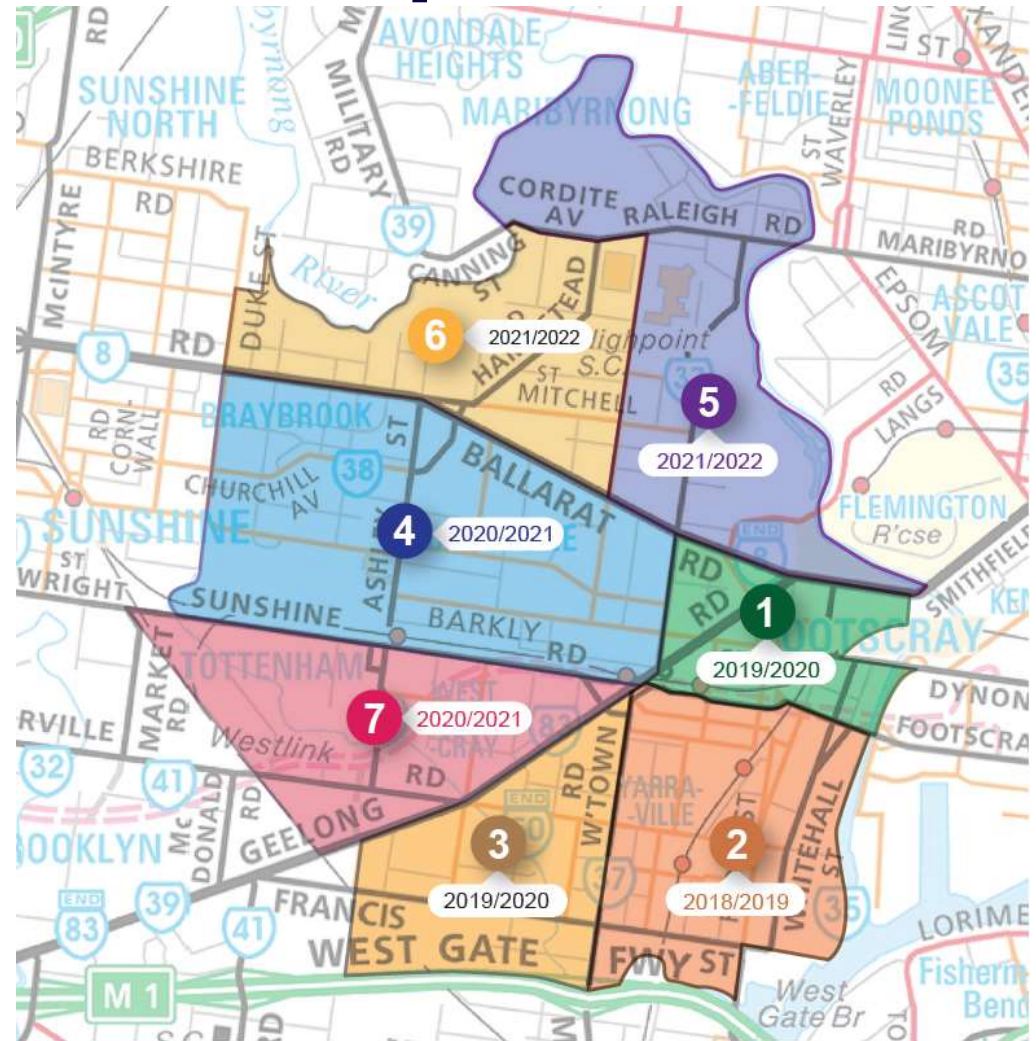


## 2021-22 Implementation

### Area 5 – Maribyrnong & Footscray (north)

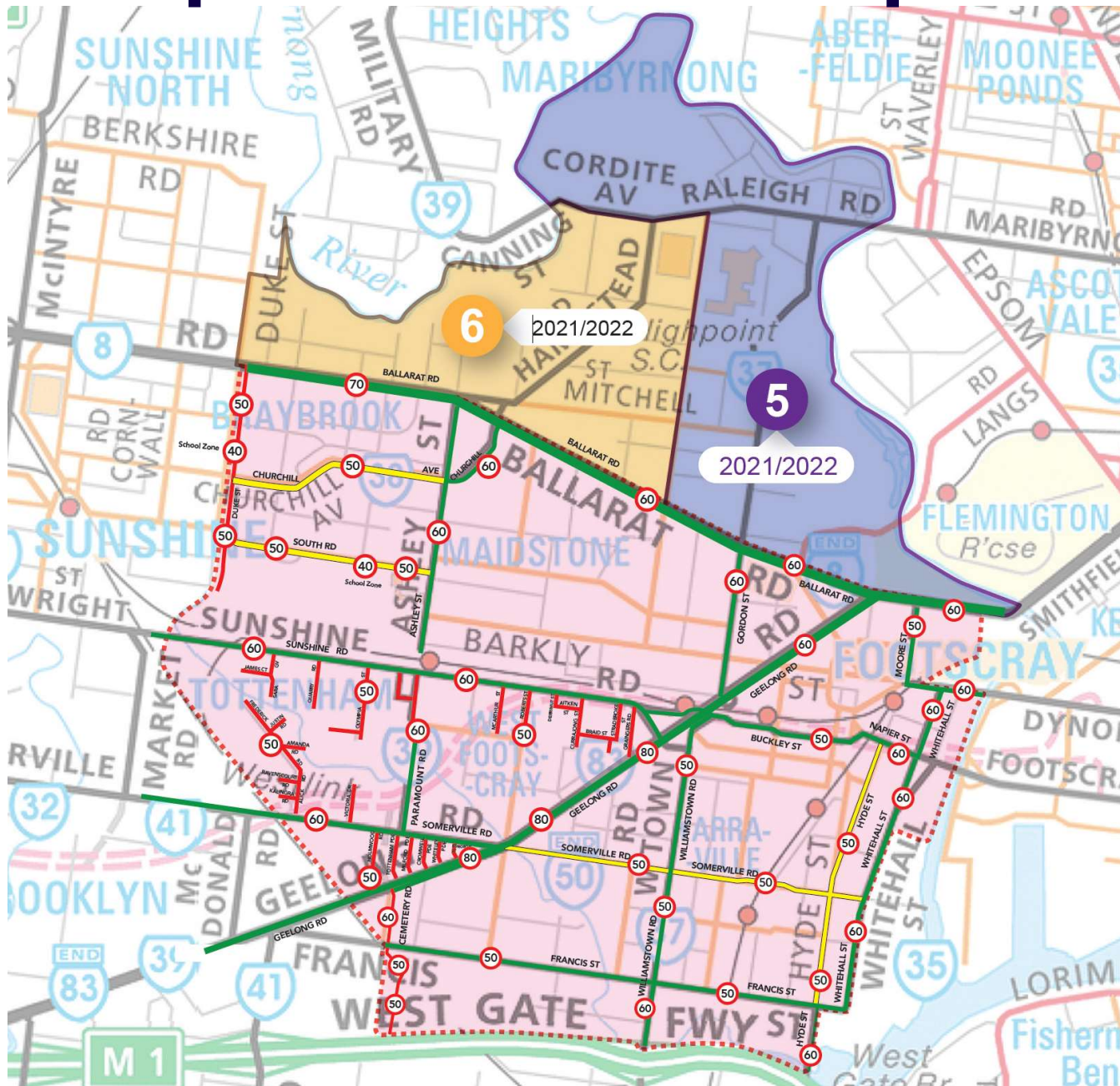
### Area 6 – Maidstone & Braybrook (north)

- Jun 2020 – Submitted Area 5 to VicRoads
- Sep 2020 – Submitted Area 6 to VicRoads
- May 2021 – Final submission to DoT
- July 2021 – Minister's approval
- Q4 2021 (Oct to Dec) – Target implementation







<https://www.maribyrnong.vic.gov.au/Works-and-projects/Safer-local-roads>

# Completed: 40km/h speed limit



## LEGEND

-  Speed Limit on Residential Streets within this study area reduced to 40 km/h
-  Existing Speed Limit on DoT Arterial Roads to remain
-  Existing Speed Limit to remain
-  Speed Limit Reduced to



# Area 2 – speed limit reduction



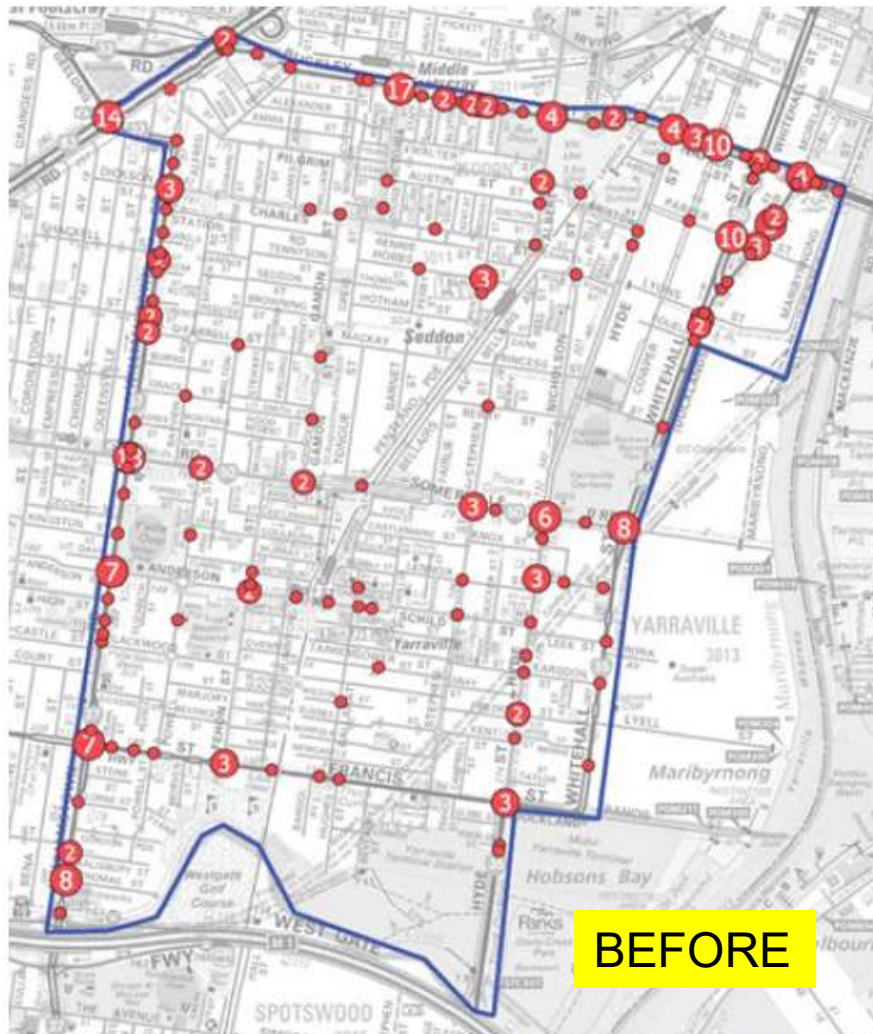
- New 40km/hour speed limit signs on Council owned roads (green area) in May 2019
- Hyde Street lowered from 60 to 50 km/hour.
- Buckley Street/Napier Street, Francis Street, Williamstown Road are DoT arterial roads and were also reduced from 60 to 50 km/hr in July/August 2019.

BASE MAP SOURCE: MELWAY PUBLISHING PTY. LTD. (REPRODUCED WITH PERMISSION)

Note: The speed limit on Buckley St/Napier St, Williamstown Rd and Francis St were reduced in late 2019.

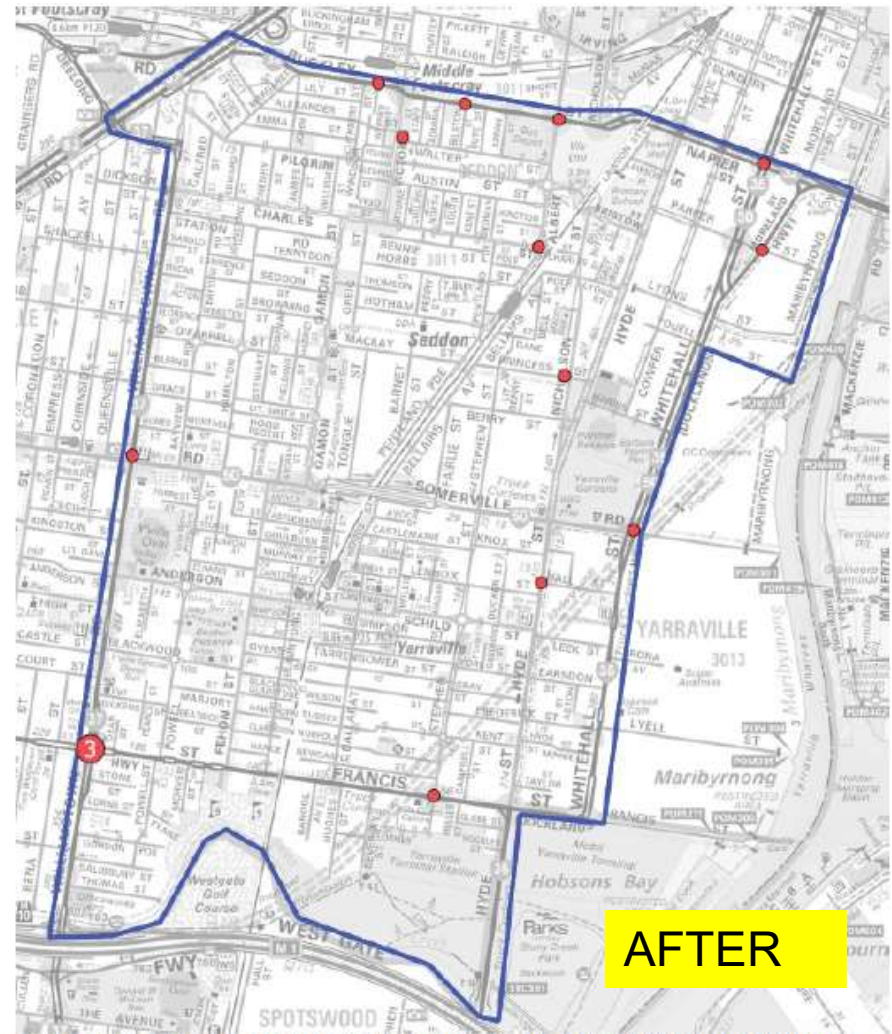


# Comparison of crash data in Area 2



BASE MAP SOURCE: MELWAY PUBLISHING PTY. LTD. (REPRODUCED WITH PERMISSION)

CASUALTY CRASHES 2013 - 2018



BASE MAP SOURCE: MELWAY PUBLISHING PTY. LTD. (REPRODUCED WITH PERMISSION)

CASUALTY CRASHES 1 JULY 2019 UNTIL 30 APR 2020



# Comparison of crash data in Area 2

Before and after comparison (absolute figures)

	FATAL	SERIOUS INJURY	OTHER INJURY	TOTAL
Casualty crashes 2013 – 2018 (Before)	2	95	183	280
Casualty Crashes 1 July 2019 to 30 April 2020 (After)	0	4	11	15

Before and after comparison (annualised basis)

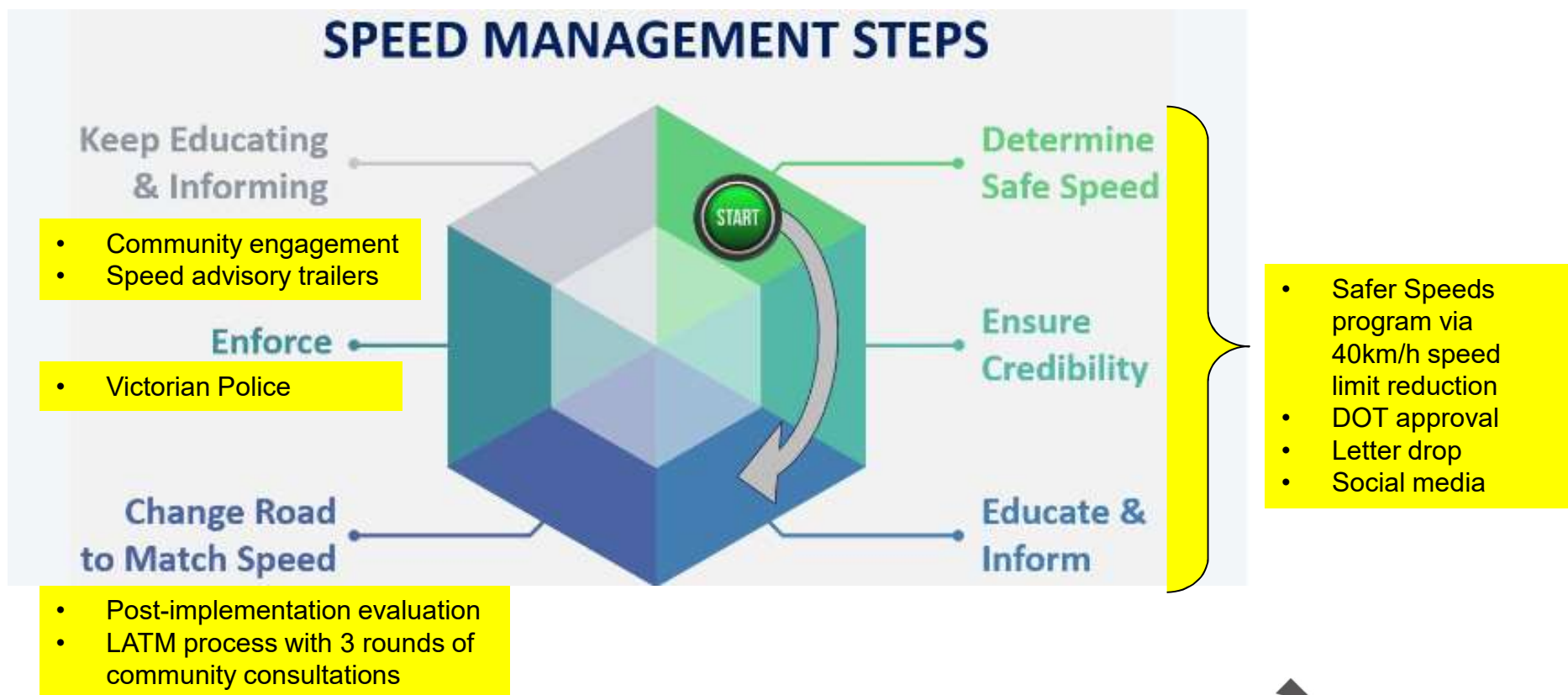
	FATAL	SERIOUS INJURY	OTHER INJURY	TOTAL
Area 2 - before	0.6	19	36.8	56.4
Area 2 - after	0	4.8	13.2	18

A shocking spike in Queensland's annual road toll has left police vowing to do everything possible to stop more deaths in 2021. Fifty-seven more people lost their lives in 2020 than in 2019, a year with a record low death toll of 217 deaths. Across 2020, **276 people died** on Queensland roads. 1 Jan 2021

**b** <https://www.brisbanetimes.com.au> > ...

'Disturbing' Queensland road toll spike costs 57 more lives than 2019

# Dutch Institute for Road Safety Research





# LATM Studies Program

## 2017-18

- West Footscray (North)



## 2018-19

- Kingsville & West Footscray (South)



## 2019-20

- Footscray (West)



## 2020-21

- Braybrook South (near completion)



## 2021-22

- Maidstone & Maribyrnong (South)

## 2022-23

- Tottenham & Yarraville (West)

## 2023-24

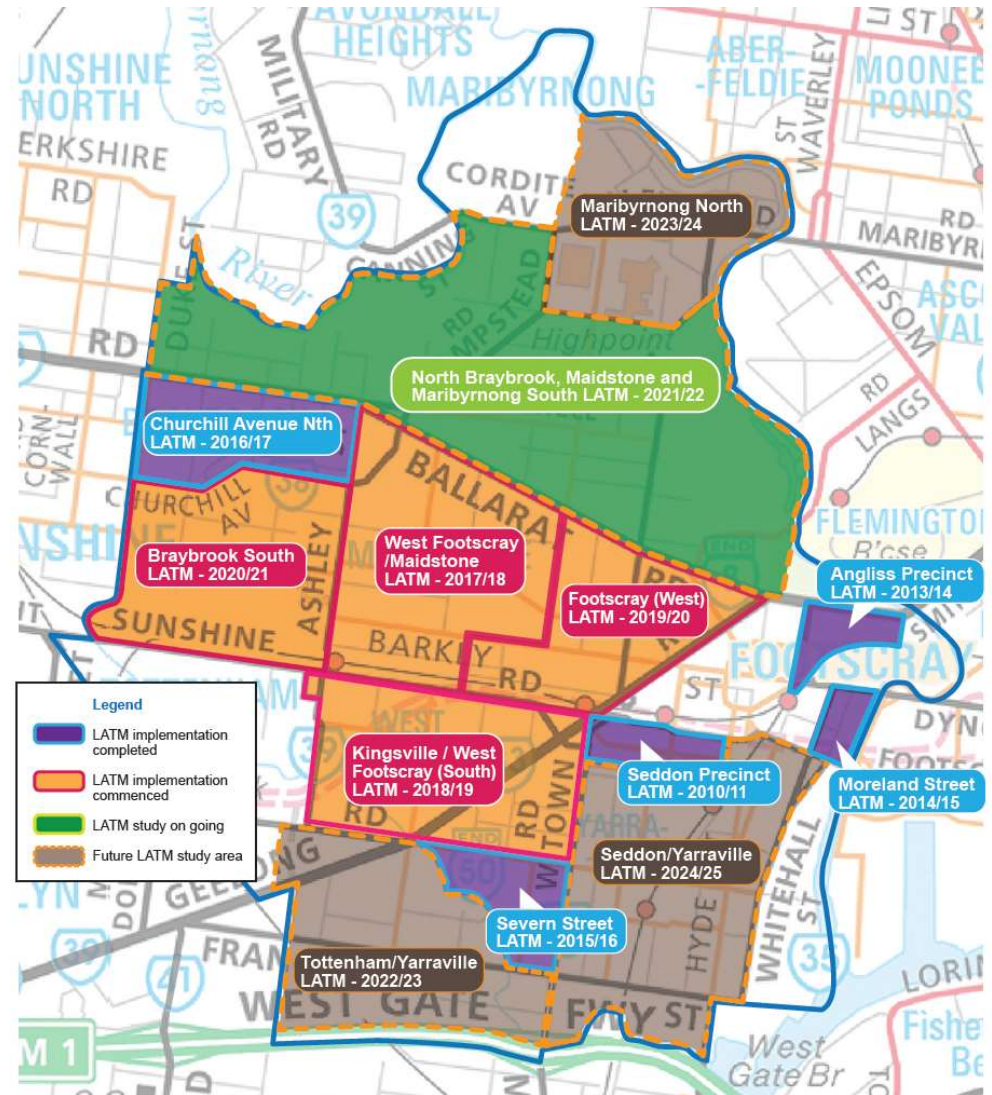
- Seddon & Yarraville (East)

## 2024-25

- Edgewater Estate

## 2025-26

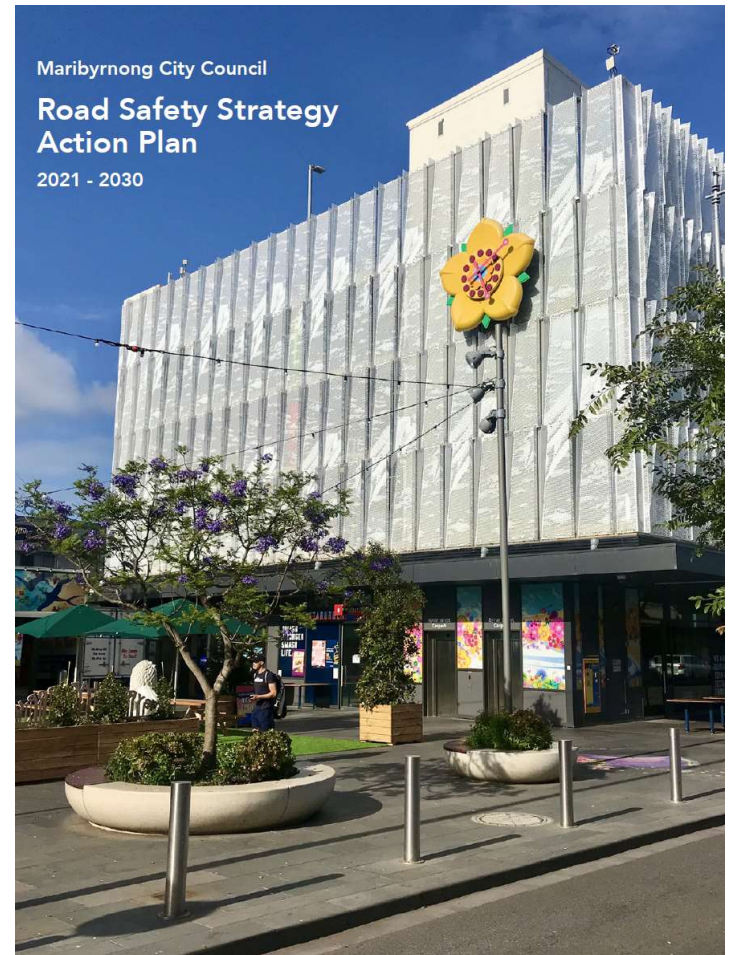
- Maribyrnong (North)



<https://www.maribyrnong.vic.gov.au/Building-planning/Current-and-future-planning/Works-and-projects/Local-Area-Traffic-Management-LATM-Study>

# Road Safety Strategy & Action Plan

- Holistic and supports Safe Systems principles
  - Safer Roads
  - Safer Speeds
  - Safer People
  - Safer Vehicles
- Focus on Action Plan for next 10 years
  - Advocacy on main arterial roads, public transport stops, trucks, congestion and pollution
  - Collaboration with external stakeholders and road safety partners eg DoT, VicPol, ARRB to achieve more outcomes than we could in isolation
  - Support active transport (walking and cycling) for a healthy and sustainable community and consideration of their vulnerability (**Bicycle Strategy 2020-2030**)
  - Lowering the speed limits on Council-owned roads and implementing new traffic calming measures such as road surface changes or visual cues to drivers (innovation, technologies, training eg I-RAP)
  - Investigate adequate physical separation of cyclists where speed limits are higher than 40km/hr.



<https://www.maribyrnong.vic.gov.au/Building-planning/Current-and-future-planning/Road-Safety-Strategy>



# Speed Radar Signs (solar powered)



## Issue

- Poor speed compliance around school zones

## Monitoring and Advisory

- Speed around school zones above 40km/h
- Report to Victorian Police for enforcement

## Trialing for 6 schools

- Footscray Primary School – Hyde St
- Footscray West Primary School – Essex St
- St Johns Primary School – Essex St
- St Margarets Primary School – The Esplanade
- Braybrook Secondary College – Duke St
- Yarraville West Primary School – Anderson St