

# Moray Street

## Evaluation of Bike corridor upgrade

**Presented by**  
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December 2020

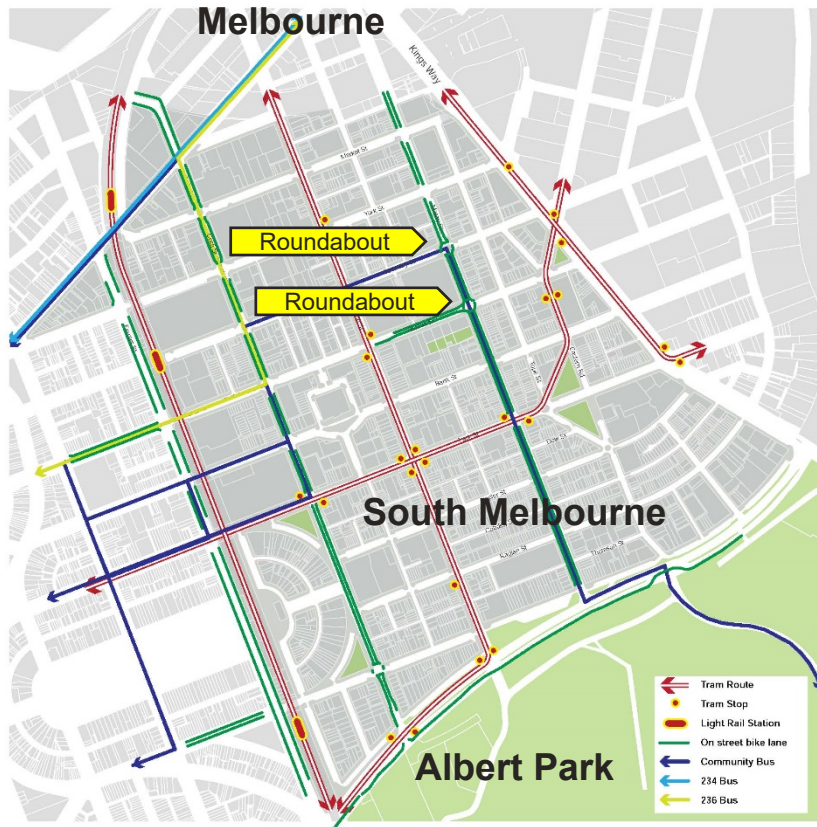


Support for this evaluation was through the 2018 TAC Local Government Grant. Surveys and analysis by ASDF Research. Observed behaviours by Safe System S

**Additional information:**  
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# Victoria's first protected roundabouts



## Key Improvements

- Raised separated crossings and lanes give walkers and people riding bikes priority
- Vehicle lanes on approach to roundabouts are narrowed to slow vehicle traffic
- Road markings or concrete separators protect bike riders from vehicles and car doors

## Ride through video

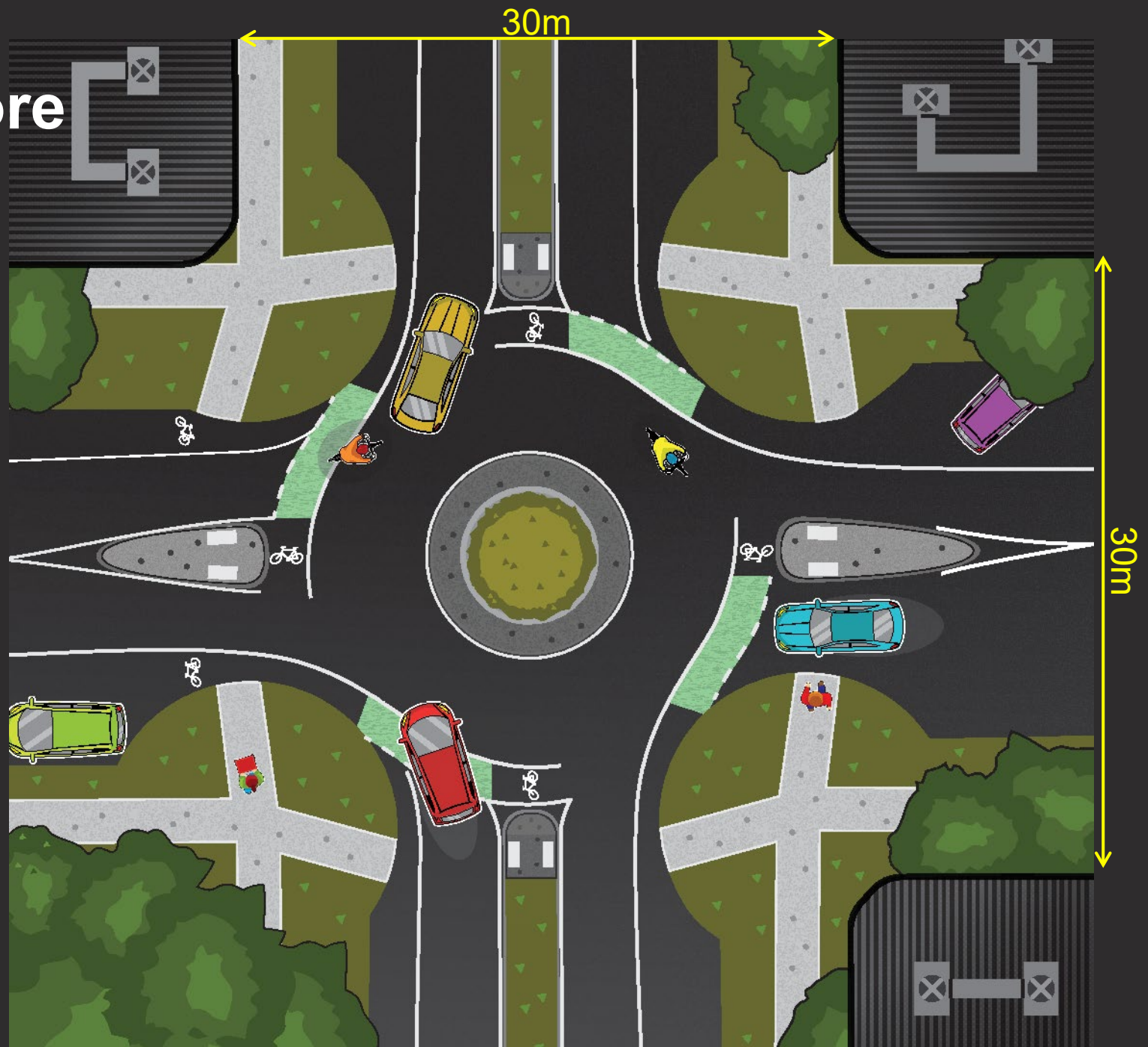
*Provided by Space for Cycling Brisbane*



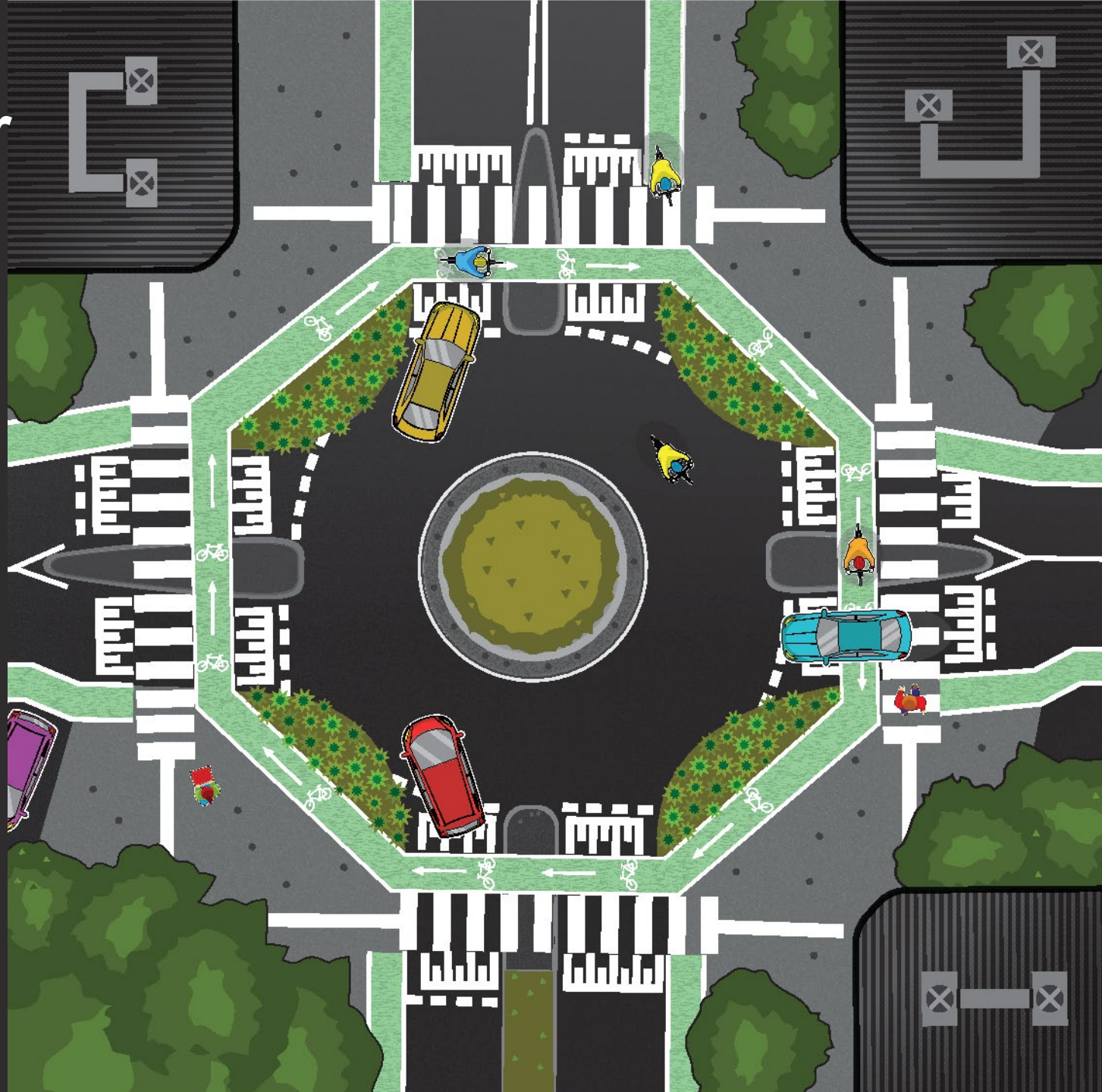




# Before

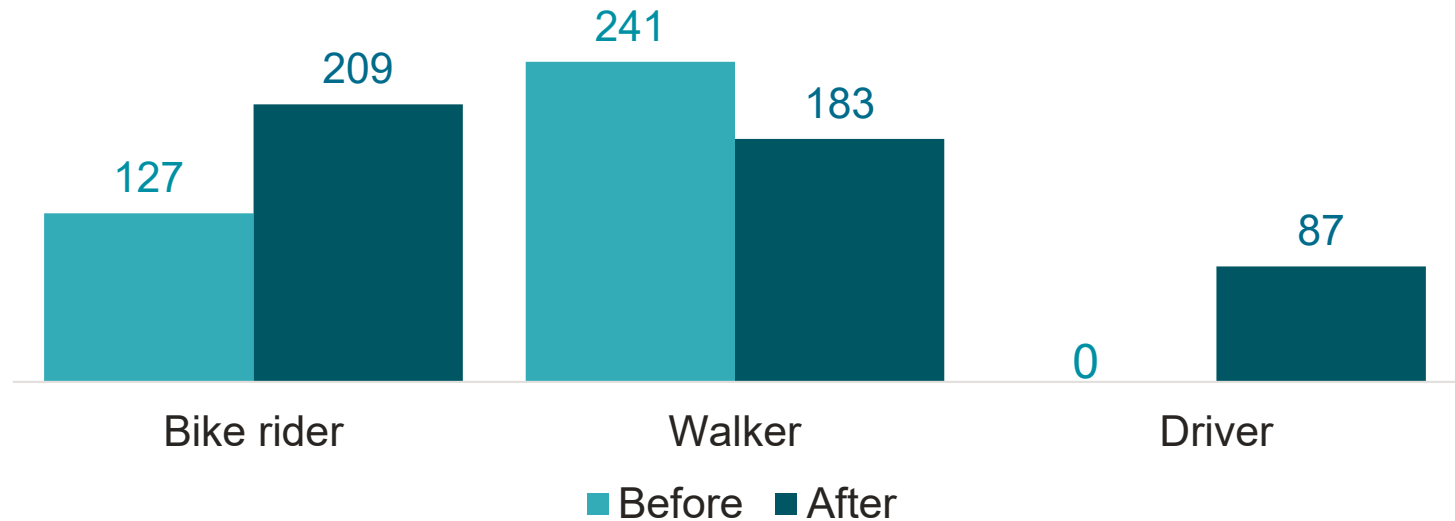


After





# Evaluation Sample size by transportation mode



*\*numbers include multi-modal responses*





# Other sample parameters

## Bike riders

- Mostly commuting.
- A higher proportion were males (76% after).
- The majority were aged 35-49.
- Respondent's riding styles:
  - 50% confident
  - 20% cautious
  - 30% varies

## Walkers

- Mostly commuting or shopping.
- The gender split was even.
- The majority were aged 25-49.



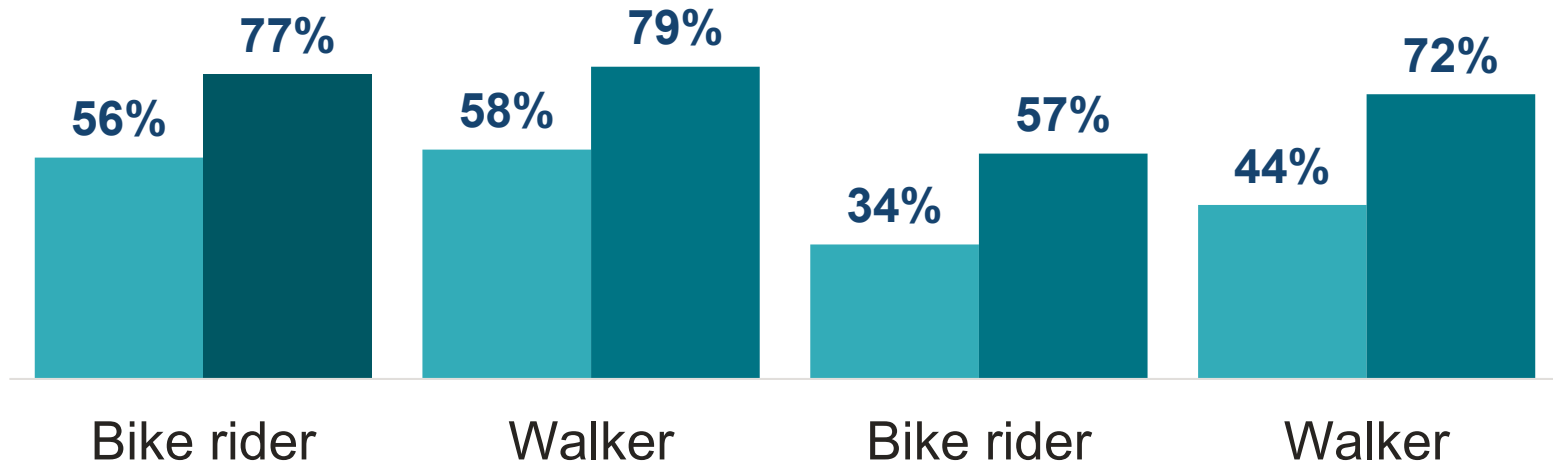


# More bike riders & walkers feel safe

Good + Very Good

■ Before

■ After



**General safety**  
**21% improvement**

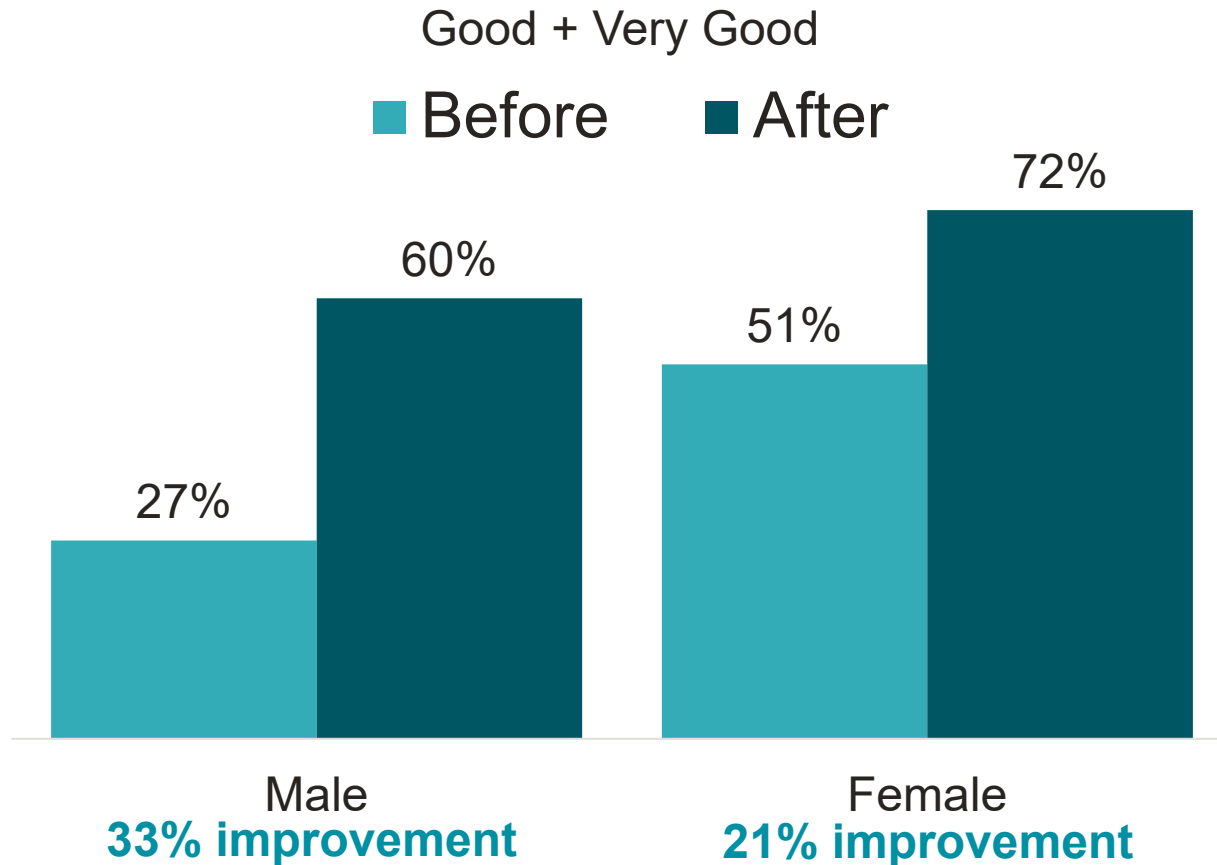
**Roundabout safety**  
**25% improvement**







# Perceptions of roundabout safety

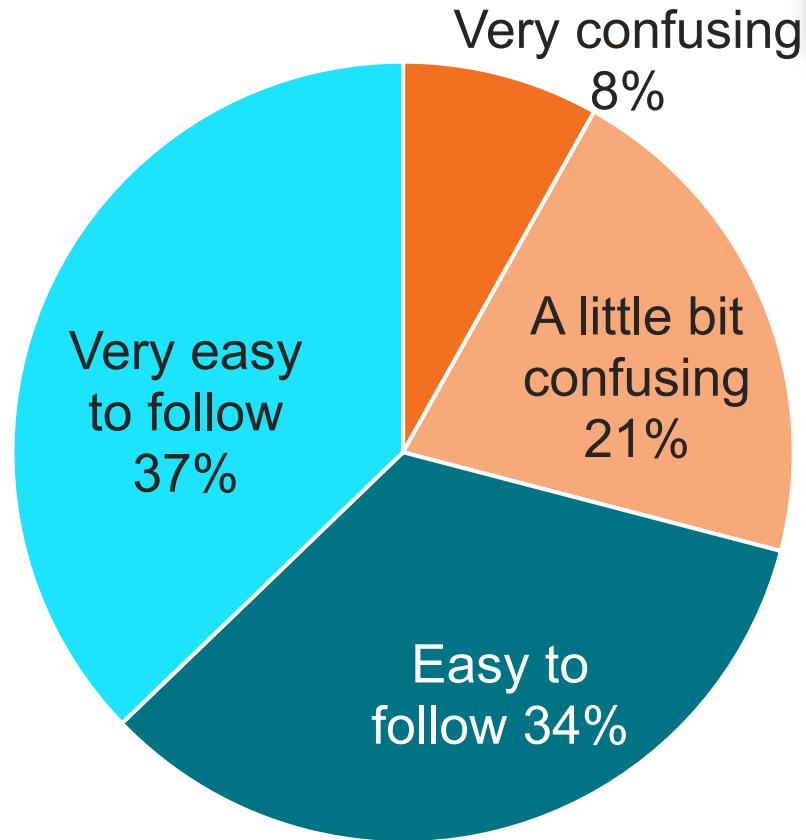






# Road design

Drivers, n=86



**29% Confusing**  
**71% Easy**



*“giving way to cyclists on my left at a roundabout. I naturally check my right and then proceed left as I see a gap - worried I might forget to stop and check for cyclists going past.”*

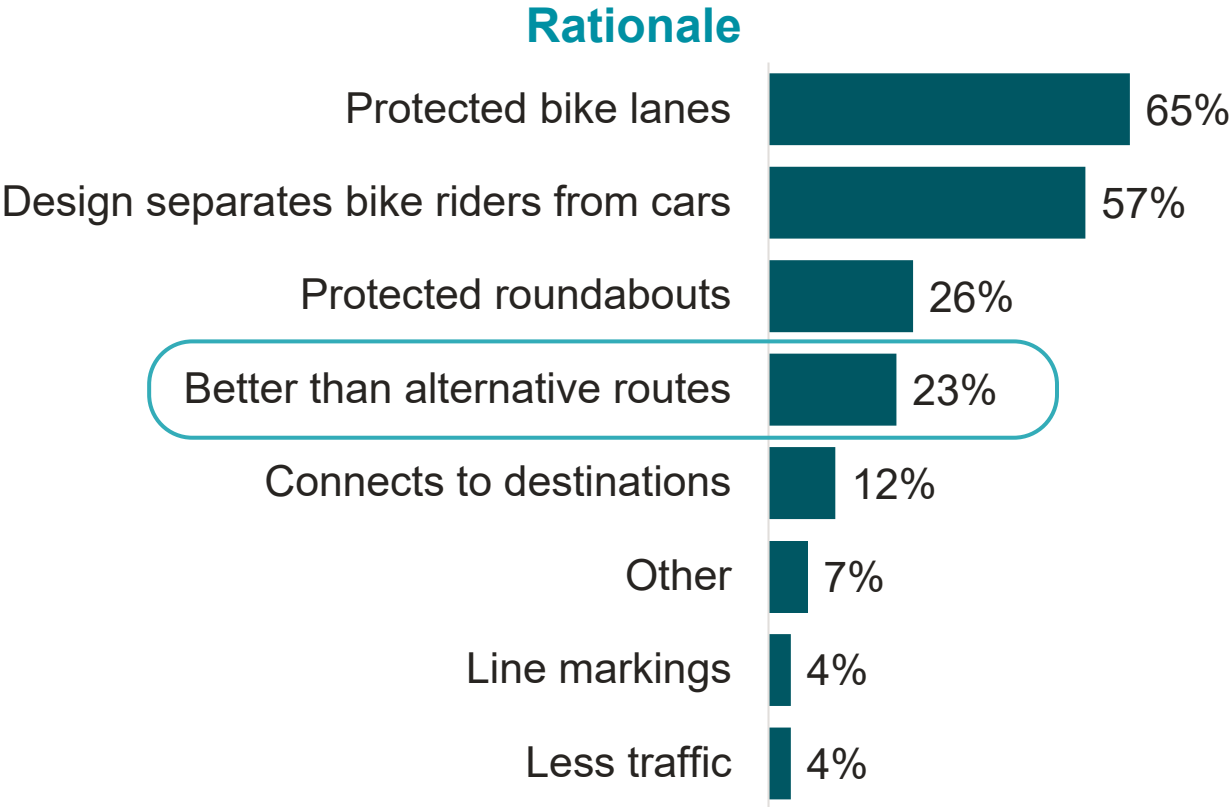
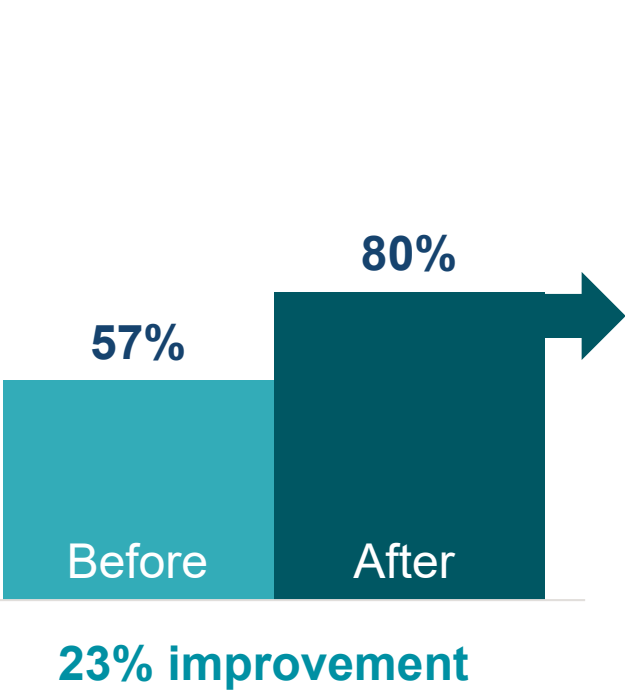
*Driver only, 35-49 yo*





# Likelihood of recommending this route to inexperienced riders

Bike riders





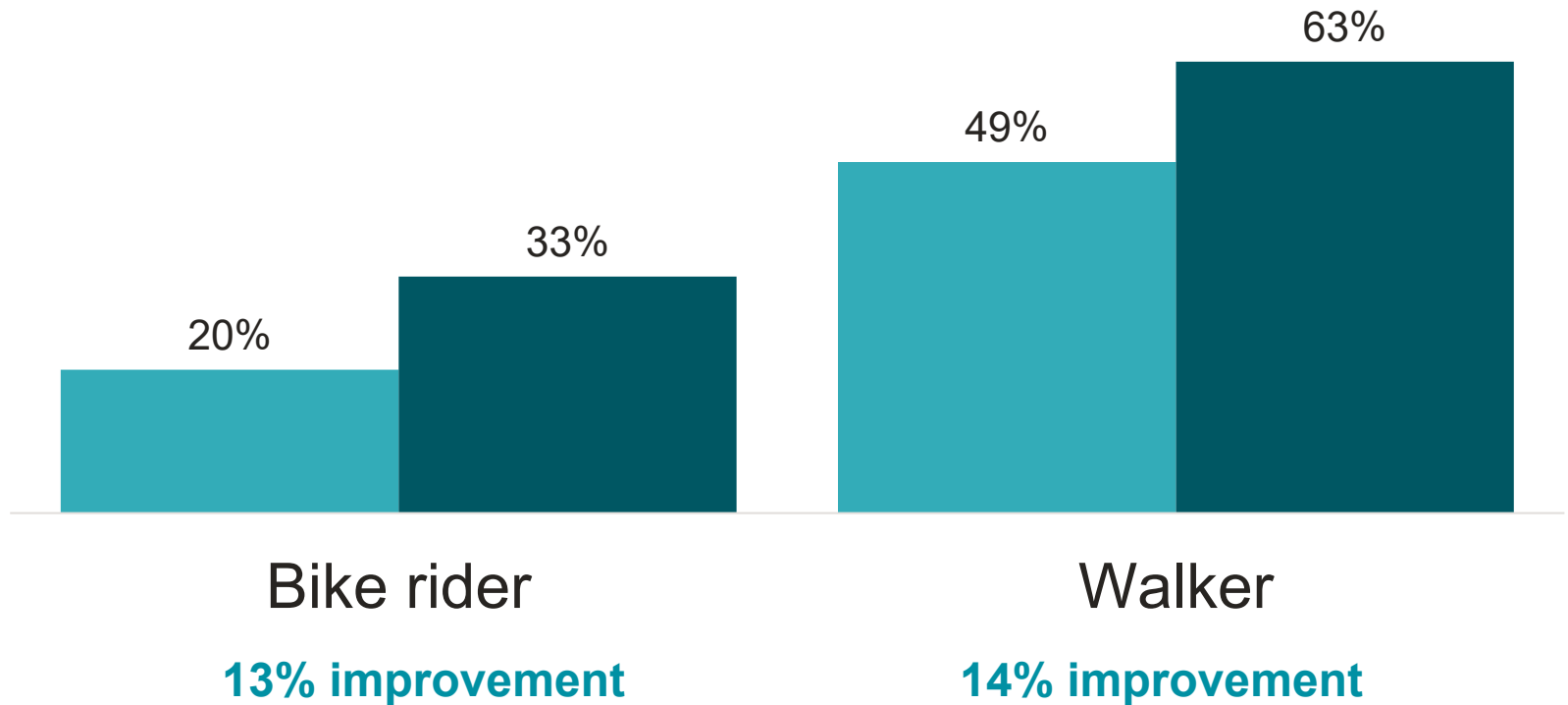






# No safety concerns

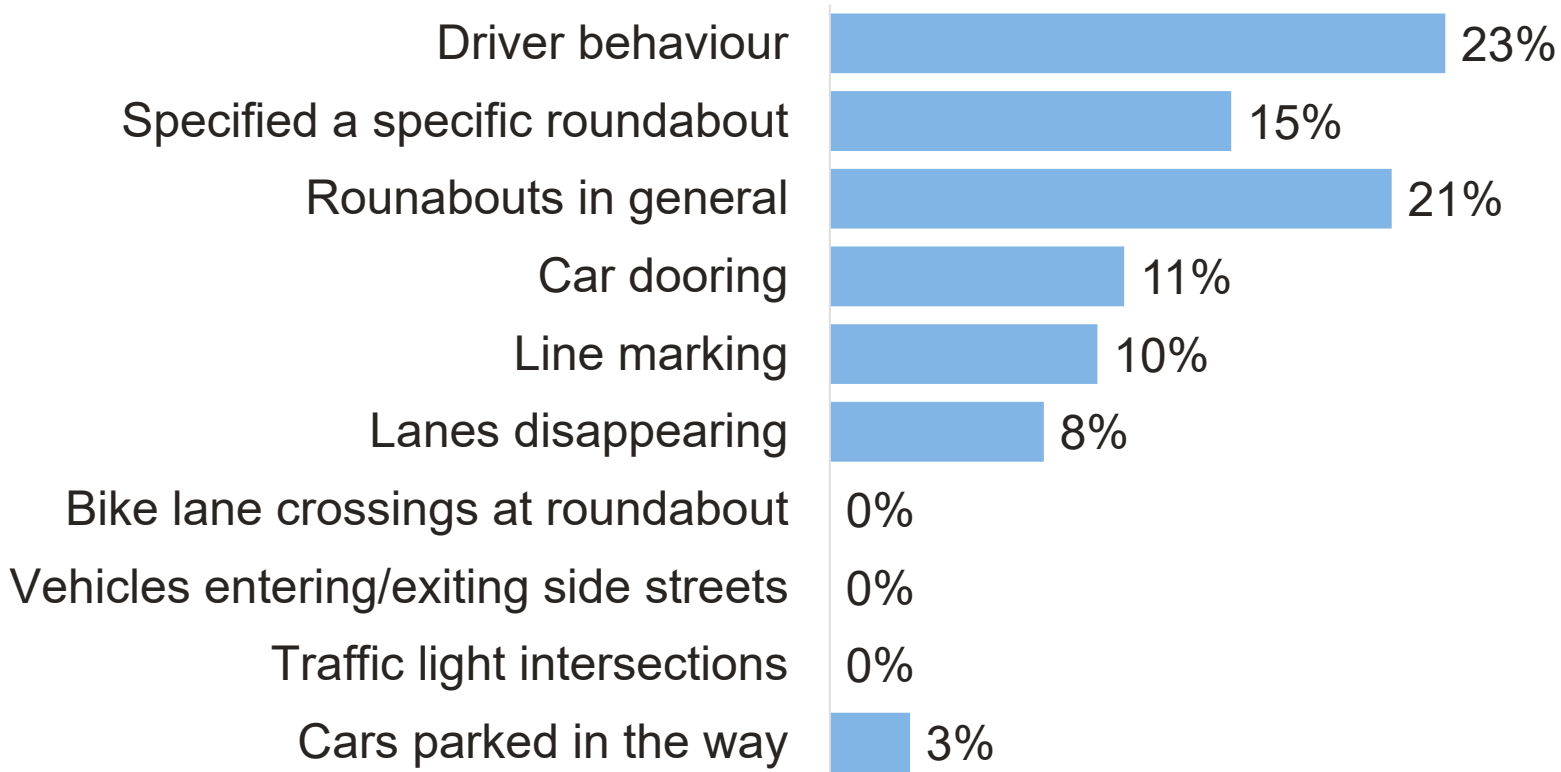
■ Before ■ After





# Safety concerns - Before

Bike riders



\*different survey respondents were used for before and after scenarios

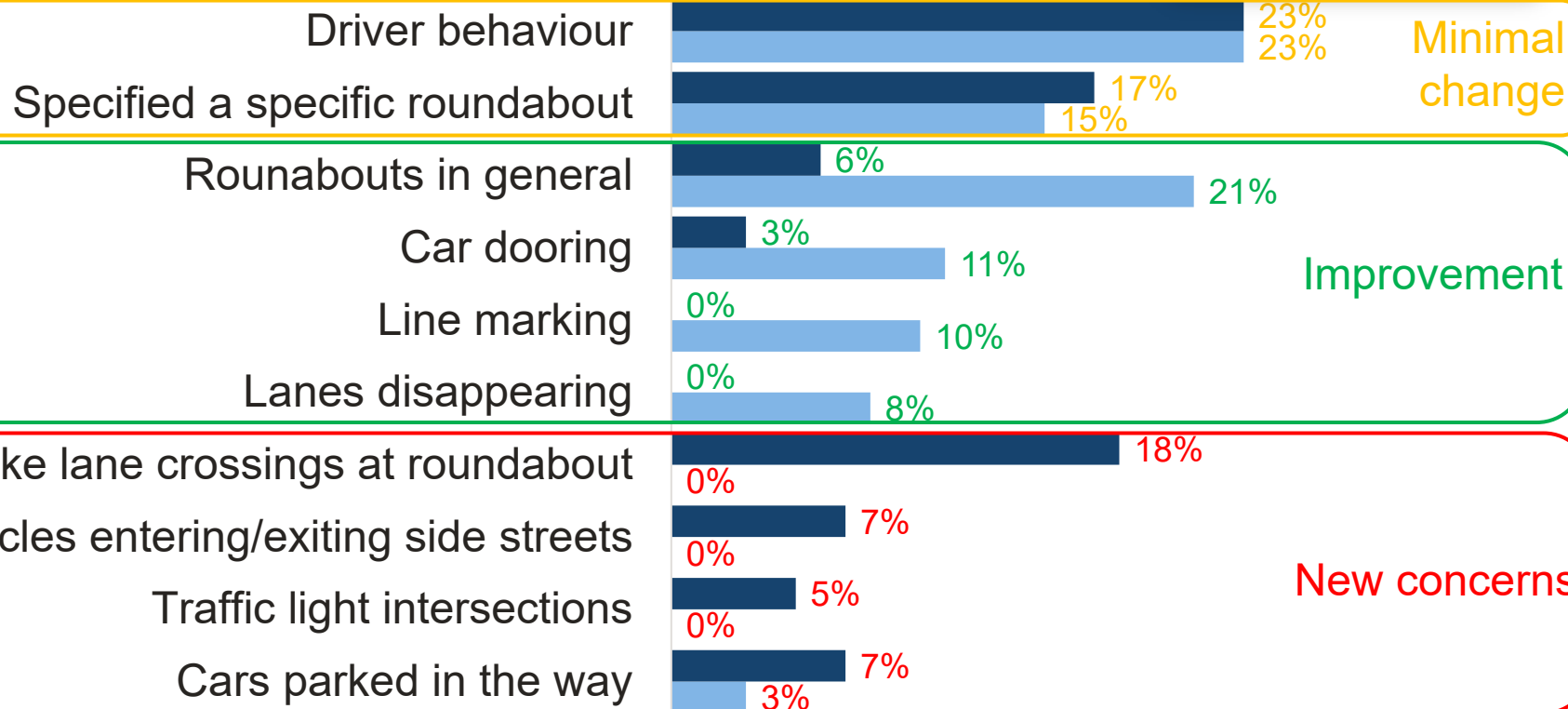




# Safety concerns – Before & After

Bike riders

■ After ■ Before



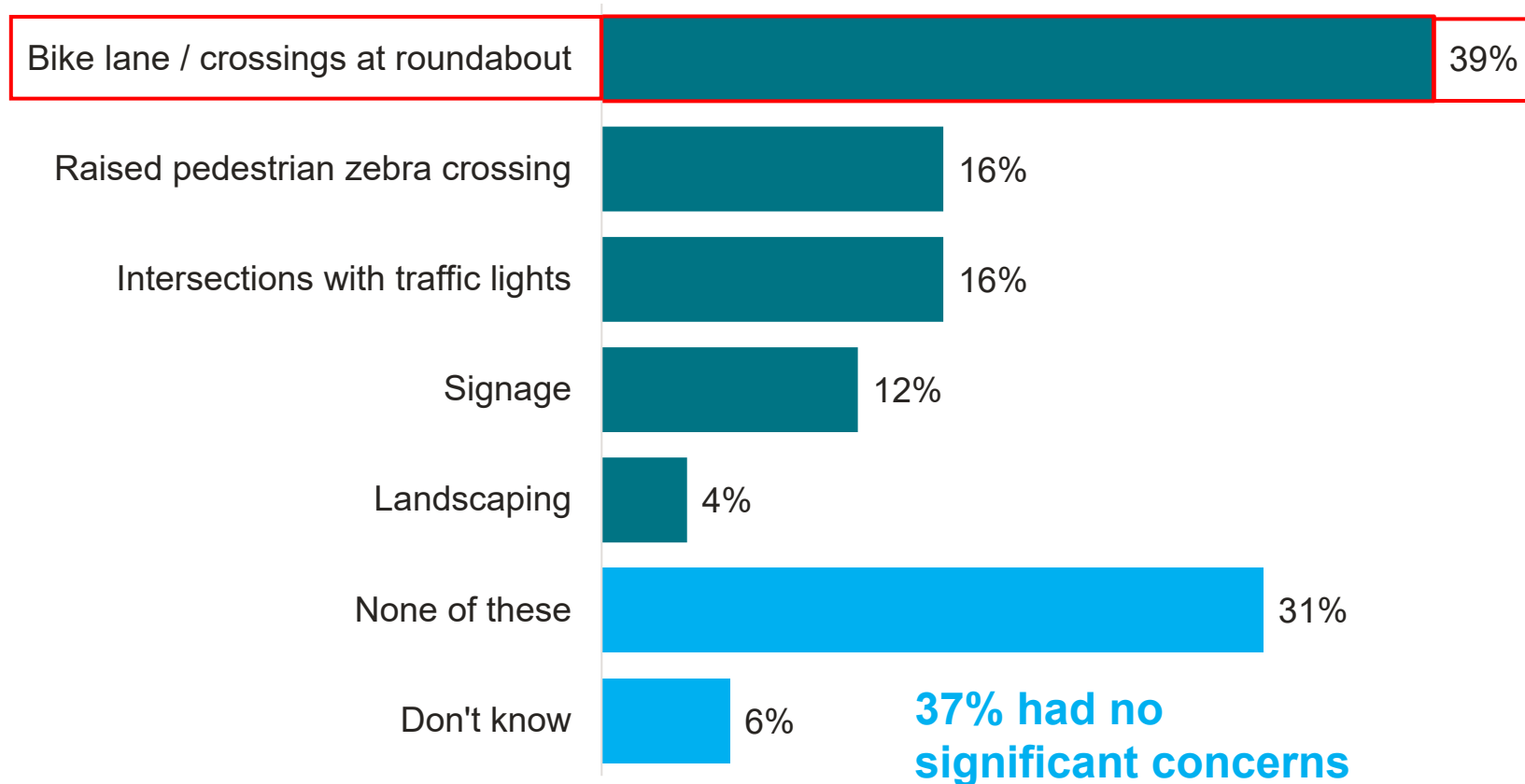
\*different survey respondents were used for before and after scenarios





# Road feature concerns

After, online only n=51





**Solved:** Cars backing out into bike riders

**13% to 0%**

Bike riders



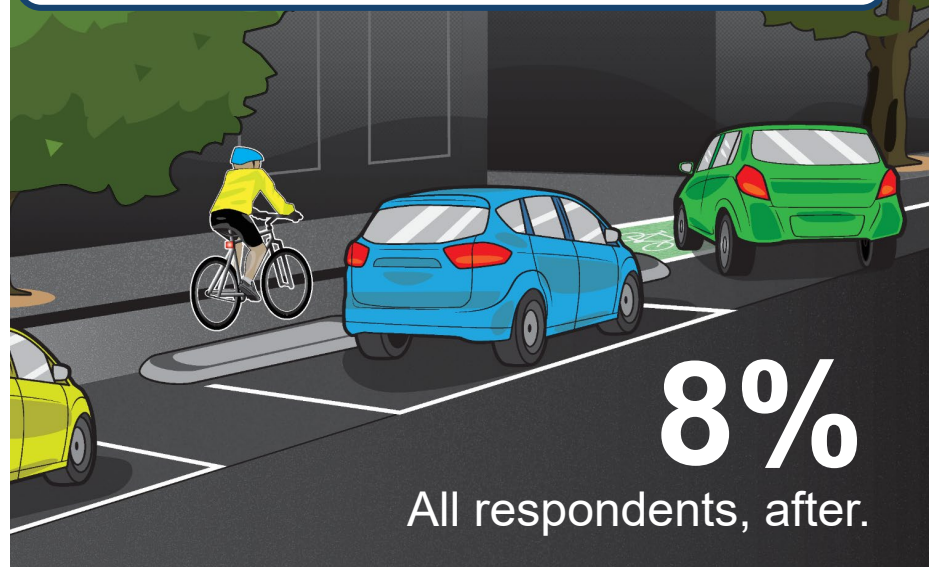
**Solved:** Inconsistent line marking

Bike riders

**27% to 0%**



**New concern:** drivers do not see bike riders when turning



**8%**

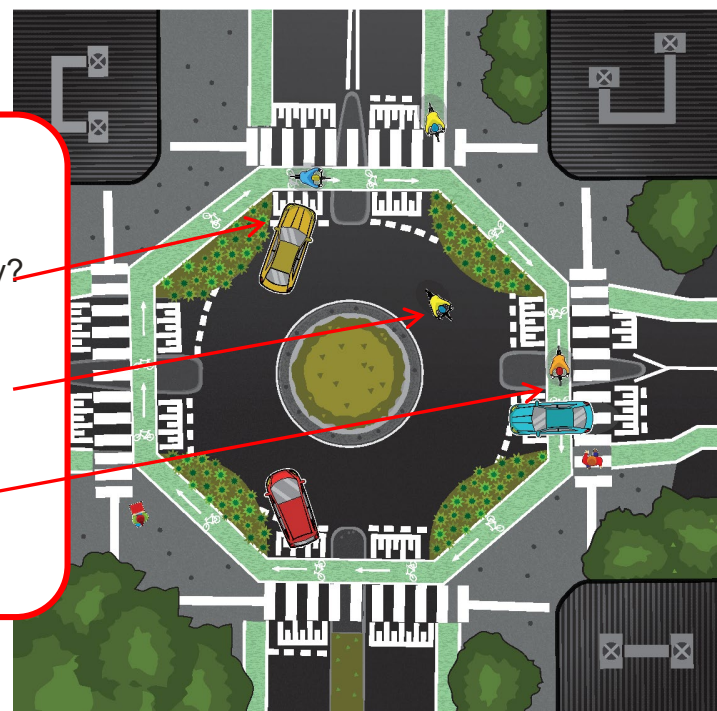
All respondents, after.

**New concerns**

Who gives way?  
/ confusion

Riding through  
with cars

Slows bikes  
travelling  
through



# Thank you

**Additional information:**

[bikeriding@portphillip.vic.gov.au](mailto:bikeriding@portphillip.vic.gov.au)

