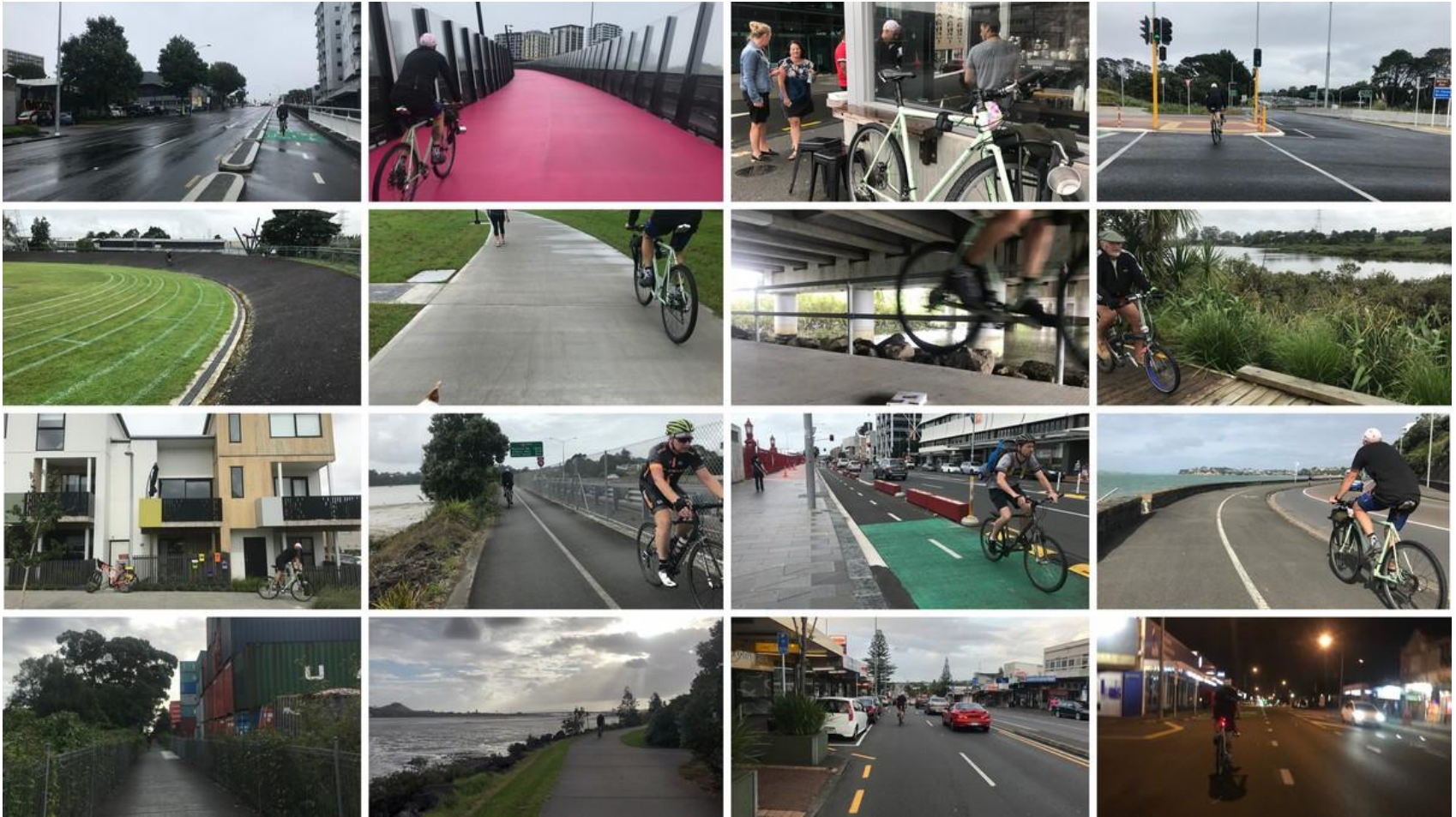


CALIFORNIA BICYCLE SUMMIT | LOS ANGELES | 10.16.19

The Beautiful Bikeways of Auckland NZ

SAM CORBETT, PRINCIPAL
Alta Planning + Design

BEAUTIFUL CYCLEWAYS OF AUCKLAND NZ



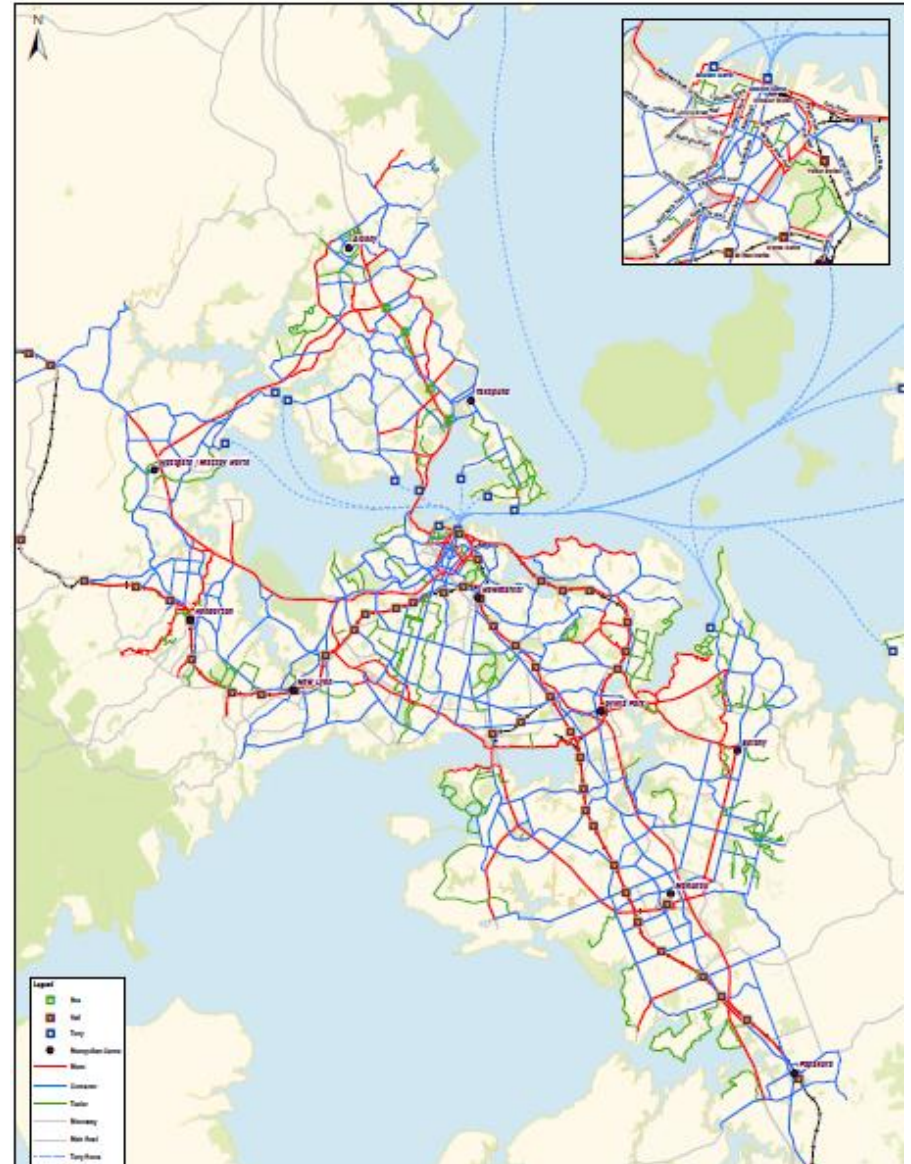
BACKGROUND ON AUCKLAND NZ

- Population 1.65M
- Surrounded by water
- Regularly voted as a top 10 most livable city in the world
- Historically very auto oriented development pattern
- Rains a lot (50+ inches/yr) and it's hilly
- Only began investing significantly in cycleways in 2014



AUCKLAND CYCLE NETWORK

- In 2010, Super City of Auckland was created which consolidated seven smaller cities into one
- One of the main drivers was improved regional coordination
- Auckland Cycle Network was developed:
 - Metros
 - Connectors
 - Feeders



AUCKLAND CYCLE NETWORK



CITY CENTRE CYCLE NETWORK



HUMBLE BEGINNINGS...



BEWARE THE KING TIDE!



URBAN CYCLEWAY FUND CREATED IN 2014



\$100 MILLION TO ACCELERATE URBAN CYCLEWAYS

NW CYCLEWAY UPGRADED



NW CYCLEWAY @ UNITEC



TE ATATU UNDERPASS ON NW CYCLEWAY



BEACH ROAD CYCLEWAY



DIAGONAL CROSSING SUB OPTIMAL



ANOTHER DESIGN MIS-STEP



LOOKS PRETTY THOUGH



GRAFTON GULLY CYCLEWAY



QUAY ST CYCLEWAY WITH COUNTER



QUAY ST CYCLEWAY



PROTESTS OVER QUAY ST CYCLEWAY (PHASE II)



LIGHTPATH CYCLEWAY



LIGHTPATH CYCLEWAY IN ACTION



KORU DESIGN @ START OF CYCLEWAY



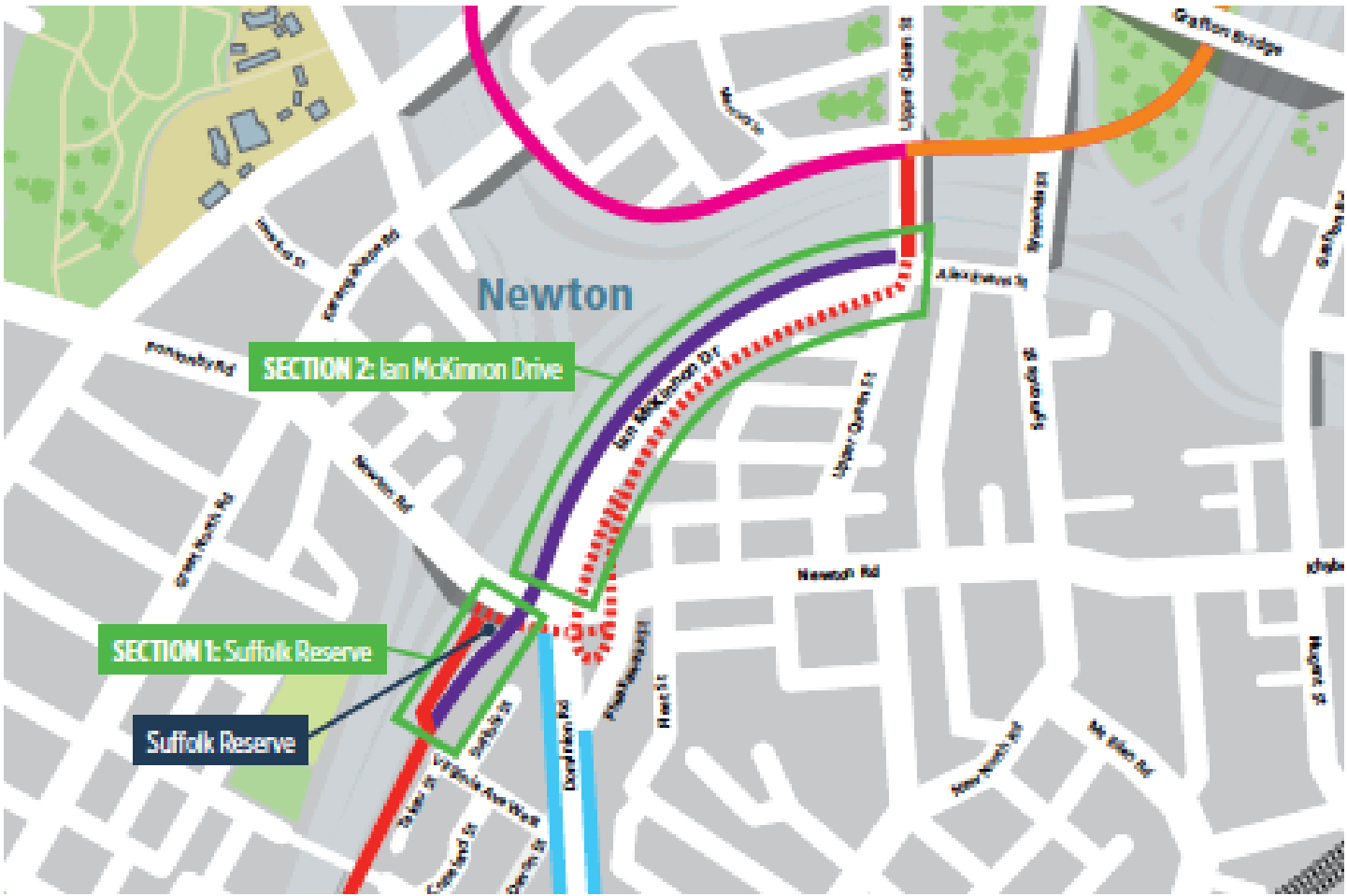
NELSON ST CYCLEWAY



NELSON ST CYCLEWAY



IAN MCKINNON CYCLEWAY



10%+ GRADE ON TAKAU ST CYCLEWAY



IAN MCKINNON CYCLEWAY



MAYOR GOFF RIDING THE NEW CYCLEWAY



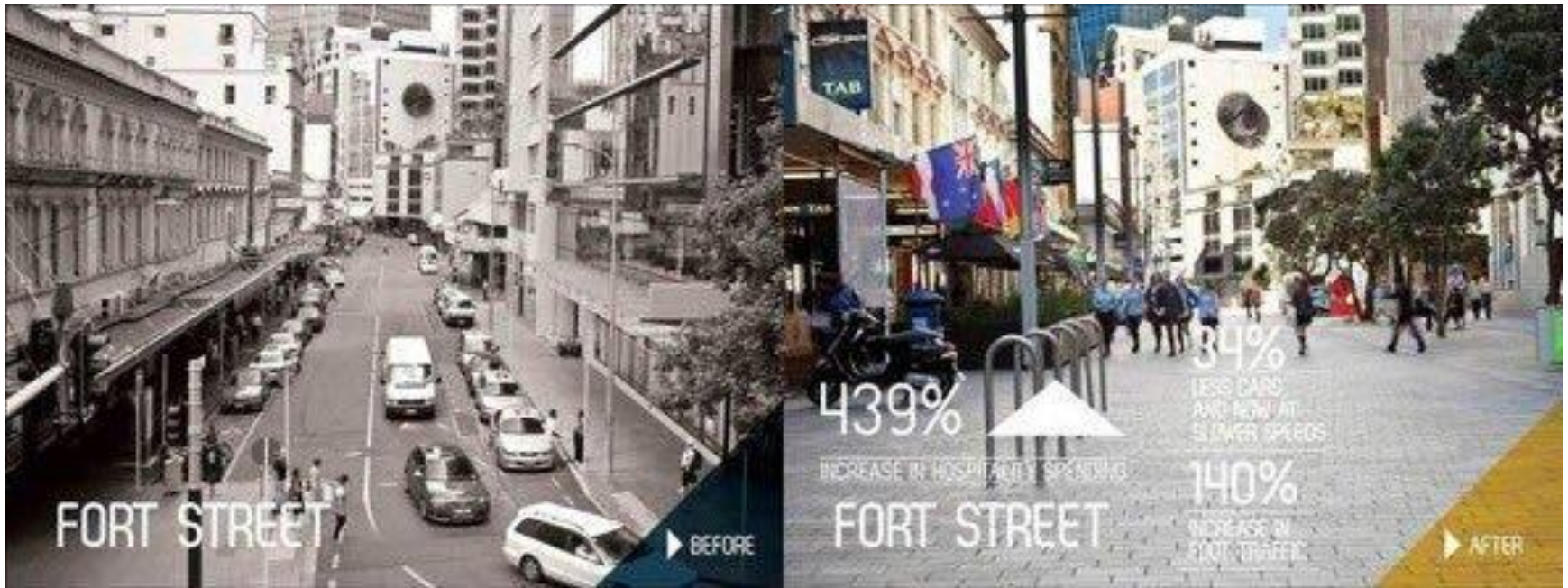
ORAKEI BASIN CYCLEWAY



FEDERAL ST CONTRAFLOW CYCLEWAY



AUCKLAND'S SHARED SPACES



ELLIOTT STREET (BEFORE)



ELLIOTT STREET SHARED SPACE



VULCAN LANE SHARED SPACE



K RD – AUCKLAND'S NEXT CYCLEWAY



CONNECTING THE NORTH SHORE

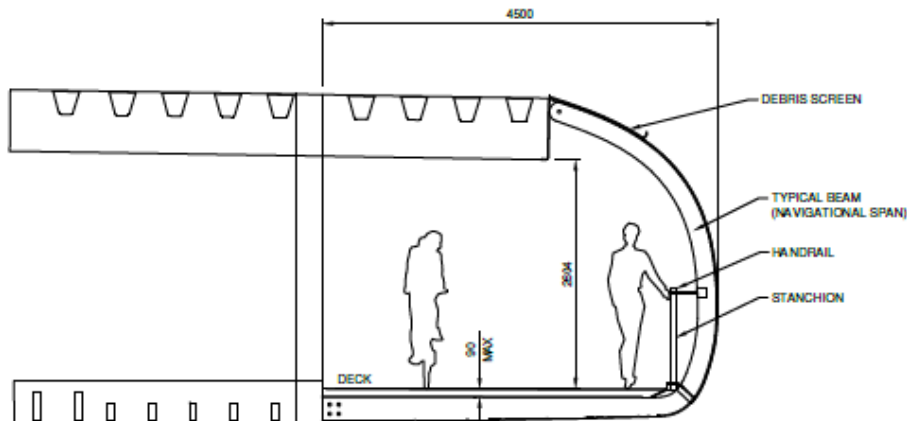
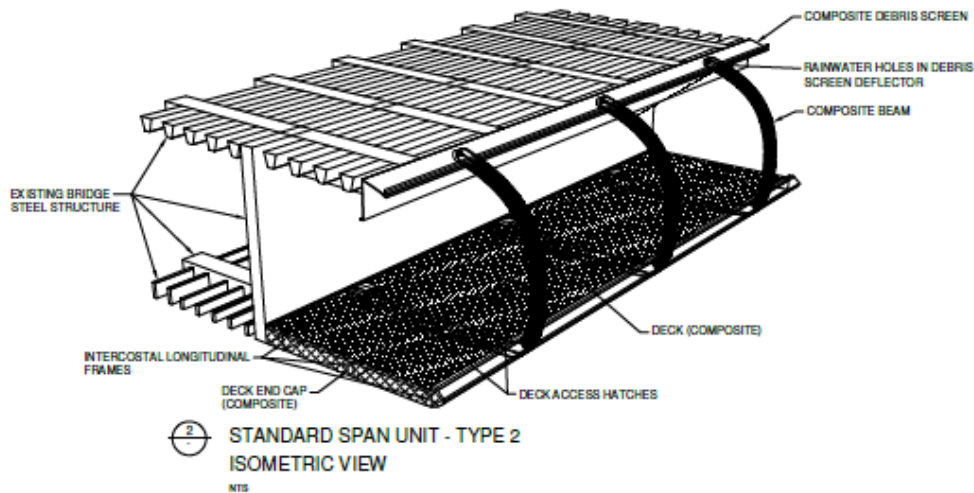


CLIP-ON SKYPATH CYCLEWAY



SKYPATH CONSTRUCTION METHODOLOGY

COMPOSITE CONSTRUCTION - world leading boat building technology



④ NAVIGATIONAL SPAN TYPE 1

SIMPLER / MORE EFFICIENT:

- Lighter
- Non -corrosive
- Modular installation
- 100+ year life
- Materials meet sustainable standards

SKYPATH RENDERING



HAS THE INVESTMENT BEEN WORTH IT?

Auckland Snapshot

THE CURRENT INVESTMENT PROGRAMME IS PROVING EFFECTIVE AND AUCKLANDERS SUPPORT CONTINUED INVESTMENT IN CYCLING:

248%

Increase in cycle trips into the city via Upper Queen Street, since 2013.



45,600

New cyclists in 2016, enough to fill Mt Smart Stadium.



BECAUSE WE'VE JUST BUILT 27KM OF NEW CYCLEWAYS:



27km of new cycleways.

New connections in the cycle network has created a

44%

increase in people on bikes using the Northwestern Cycleway.

39%

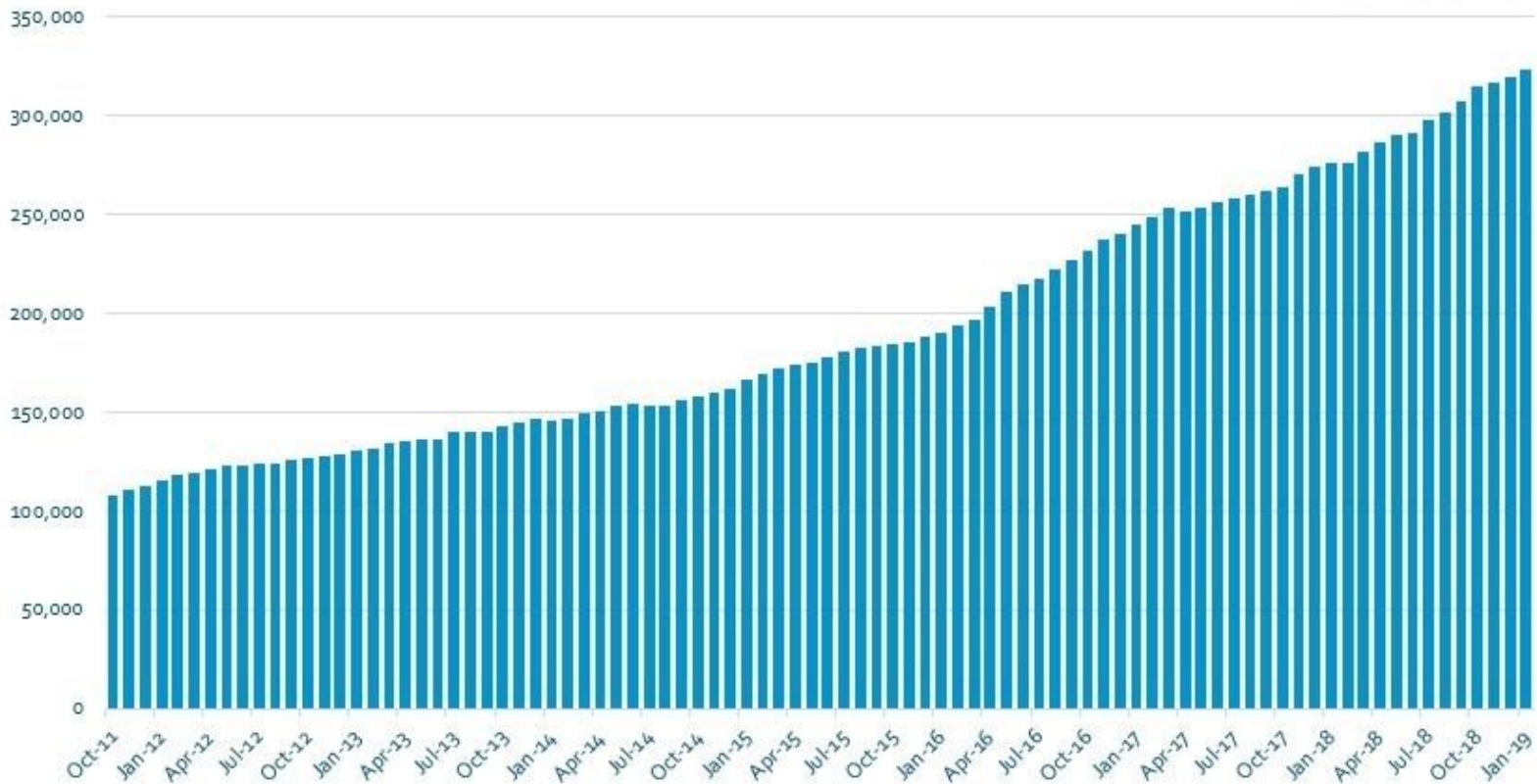
of Aucklanders are positive about the state of cycling, compared with 22% in 2015.



IF YOU BUILD IT, THEY WILL COME...

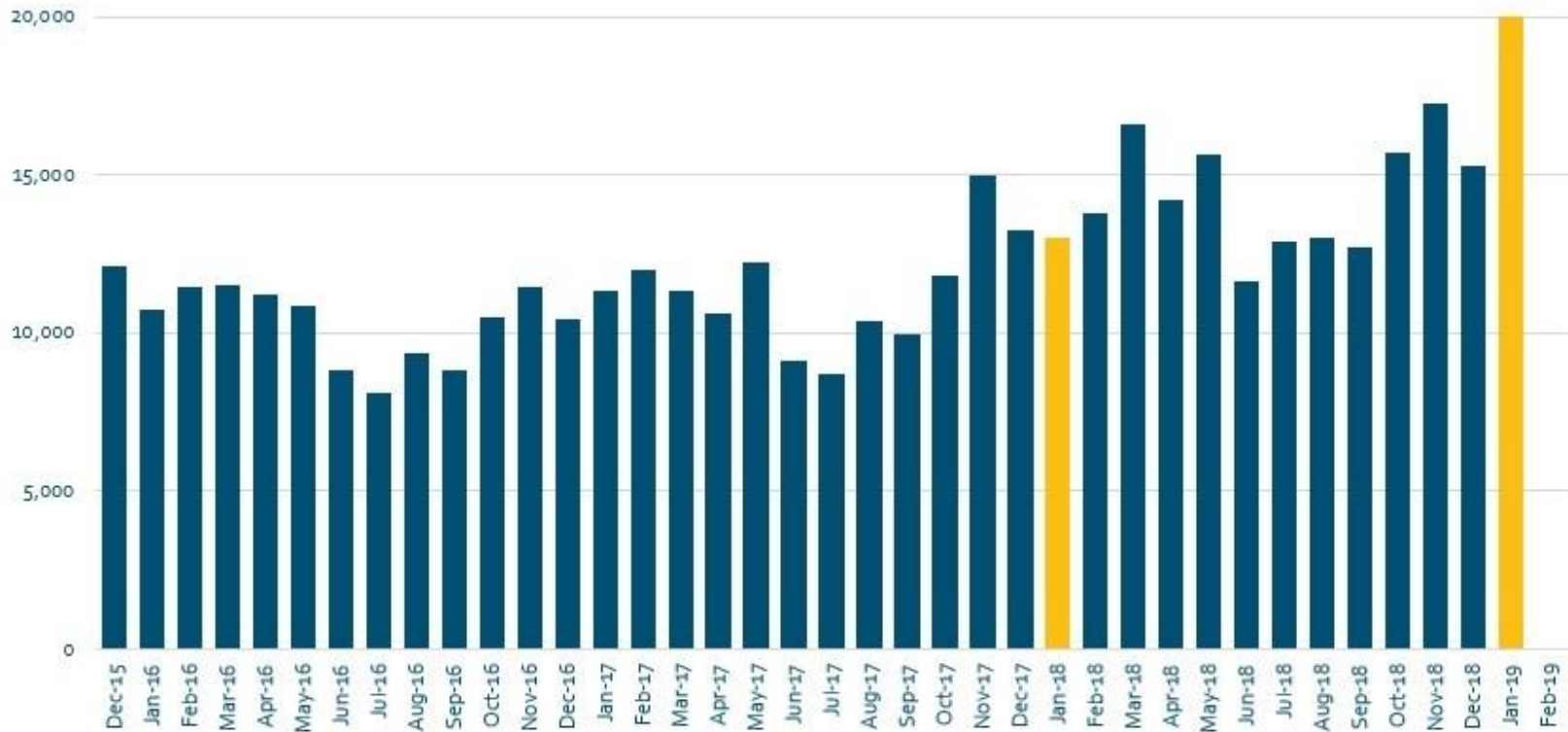
Annual Bike Trips - NW Cycleway (Kingsland)

Source: Auckland Transport

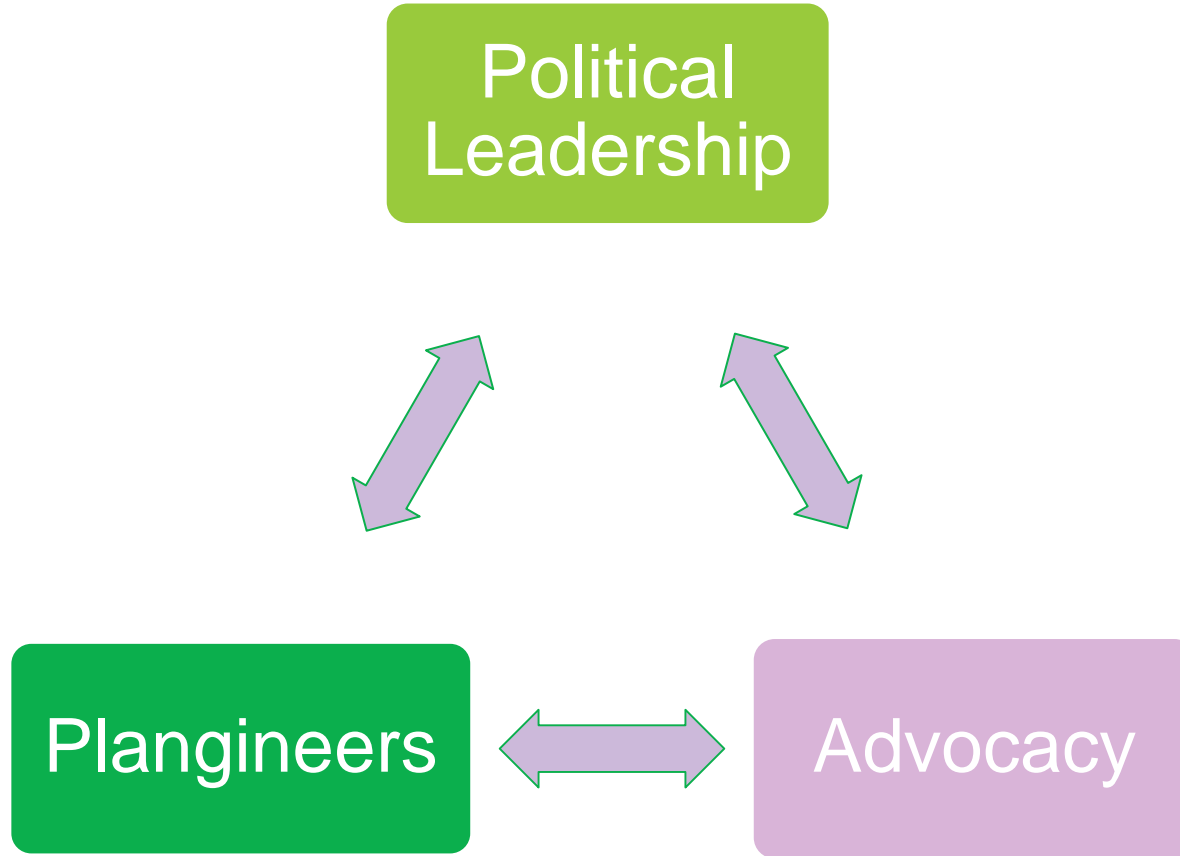


NELSON ST CYCLEWAY COUNTS

Monthly Bike Trips: Nelson St
Source: Auckland Transport



CONCLUSIONS: THE CYCLING TRIFECTA



KEY LESSONS LEARNED

1. People want better transportation options
2. Opposition and ‘bikelash’
3. If you build it, they will come
4. Collect data – it’s your currency!
5. Normalize cycling
6. Focus on the low hanging fruit
7. Celebrate successes!

ANY QUESTIONS??



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