

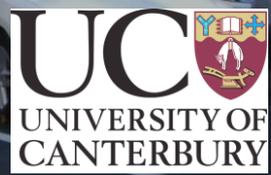


Making Space

IPENZ Transportation Group Conference 2016

Glen Koorey, BE, BSc, ME, PhD

John Lieswyn, BSc, MET



Our focus is on design tools, categorised by:

1. Remove an element
2. Reduce an element
3. Share space (permanently)
4. Share space (different times)
5. Remove a road user group

1. REMOVE AN ELEMENT

Road diet



Kaikorai Valley Road, Dunedin

Knapp et al, 2014

http://safety.fhwa.dot.gov/road_diets/info_guide/rdig.pdf

Schlossberg, 2014

Rosales, 2007

1. REMOVE AN ELEMENT

Road diet



5th Street, Davis, California

1. REMOVE AN ELEMENT

One-way street



London

1. REMOVE AN ELEMENT

Bicycle boulevard / neighbourhood greenway



Sacramento, California

1. REMOVE AN ELEMENT

Remove parking to add cycle lanes



2. REDUCE AN ELEMENT

Narrow parking lane and add cycle lanes



2. REDUCE AN ELEMENT

Narrow flush median

Wilson's Rd

3. SHARED SPACE – PERMANENT

Single-lane traffic through constriction



Bristol

3. SHARED SPACE – PERMANENT

Shared outside lane



Long Beach, California

3. SHARED SPACE – PERMANENT Informal contra-flow cycling



3. SHARED SPACE – PERMANENT In-lane bus stop with bicycle bypass



Fendalton Rd., Christchurch

3. SHARED SPACE – PERMANENT

Shared traffic and tram lanes



Amsterdam

3. SHARED SPACE – PERMANENT Bicycle boulevard / neighbourhood greenway



Berkeley – pavement markings

3. SHARED SPACE – PERMANENT Sharrows – kerb lane (no parking)



Wellington

3. SHARED SPACE – PERMANENT Sharrows – for single lane adjacent to parking



Town centre, Davis, California

3. SHARED SPACE – PERMANENT 2-minus-1 and Fietstraat



Utrecht, The Netherlands

3. SHARED SPACE – PERMANENT 2-minus-1 and Fietstraat



Vleuten (near Utrecht), The Netherlands

3. SHARED SPACE – PERMANENT 2-minus-1 roadway



Enschede, the Netherlands

4. SHARED SPACE – DIFFERENT TIMES

Intermittent bus lanes



4. SHARED SPACE – DIFFERENT TIMES

Part time tram/bus platform



Freiburg, Germany

4. SHARED SPACE AT DIFFERENT TIMES

Single-lane two-way busway



4. SHARING – FOR ONE ROAD USER ON A TIME BASIS

Parking supply/demand management – free up kerb space



The Project

How it Works

FAQ

Resources

News

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Find Parking

To find parking in SFpark areas select a blockface on the map to view availability and pricing.

All pilot areas

- 1) Choose a pilot neighborhood above
- 2) Click a blockface or garage icon for rates
- 3) Click \$ for a comparative pricing map

| | Availability | Pricing |
|------|--------------|----------------------|
| low | 0-15% | \$0 - \$2.00 / hr |
| med | 15-30% | \$2.01 - \$4.00 / hr |
| high | 30%+ | \$4.01+ / hr |

Use + and - to zoom in manually

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5. REMOVE A ROAD USER GROUP (PART TIME)

Limited access time for motor vehicles



Central Rome

5. REMOVE A ROAD USER GROUP (PART TIME)

Limited access times for delivery vehicles



5. REMOVE A ROAD USER GROUP (FULL TIME)

Private cars excluded



Groningen

5. REMOVE A ROAD USER GROUP – FULL TIME
Pedestrian or transit mall



Denver, Colorado

Impacts

- Winners & losers
 - Impacts can be less than perceived
- May need legislation changes in NZ
 - May just be a local bylaw
- May need major public education
 - E.g bus boarders; 2-minus-1 trial

If in doubt, slow everyone down



Questions?

Glen Koorey

glen.koorey@canterbury.ac.nz

John Lieswyn

john@viastrada.nz

