

# Designing Signalised Intersections for Cyclists

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# Design Principles (i)

## ■ Facility Continuity



# Design Principles (ii)

## ■ Stress Point Treatment

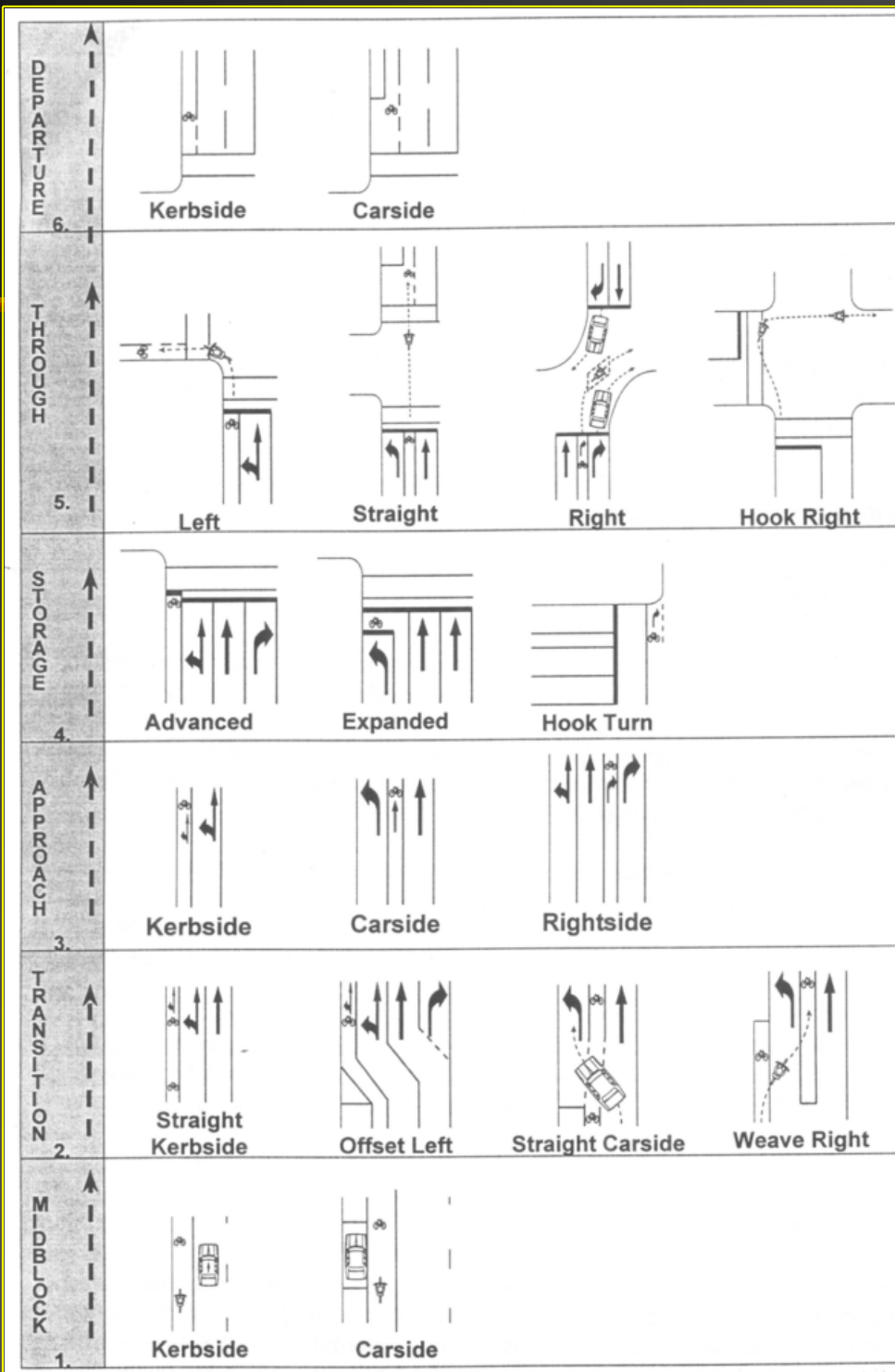


# Data Collection

- Turning Count Data required
- Separate Cycle Count Programme

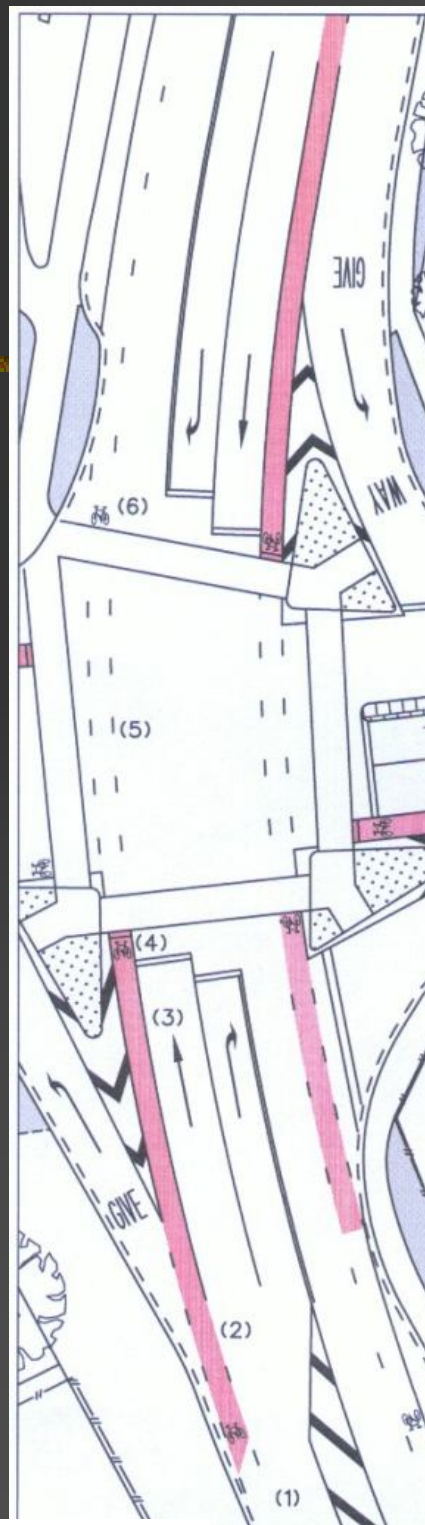


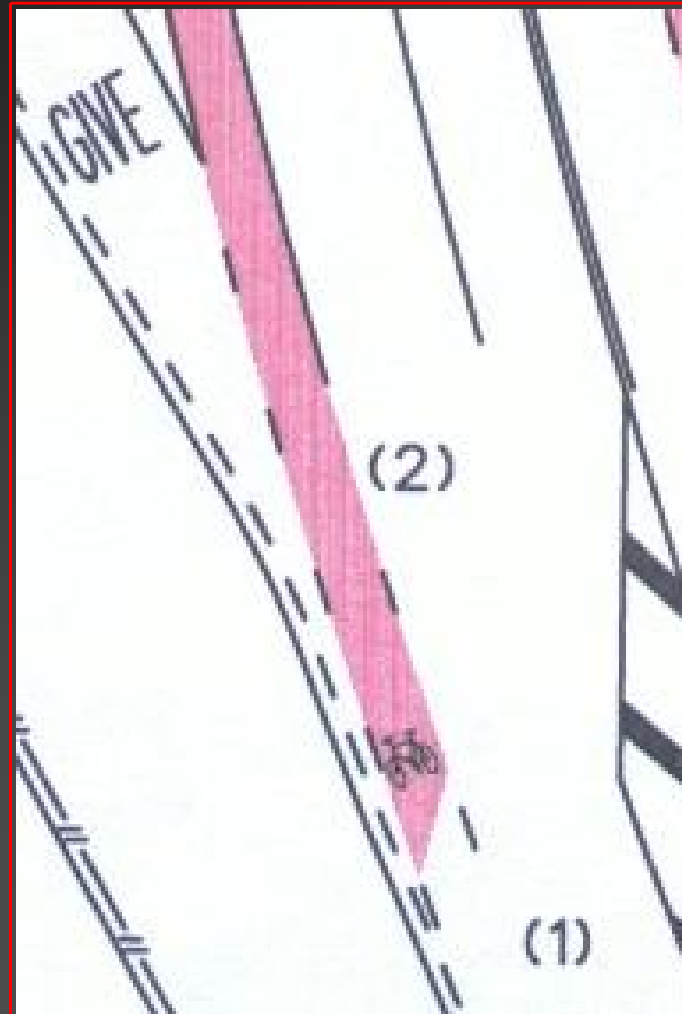
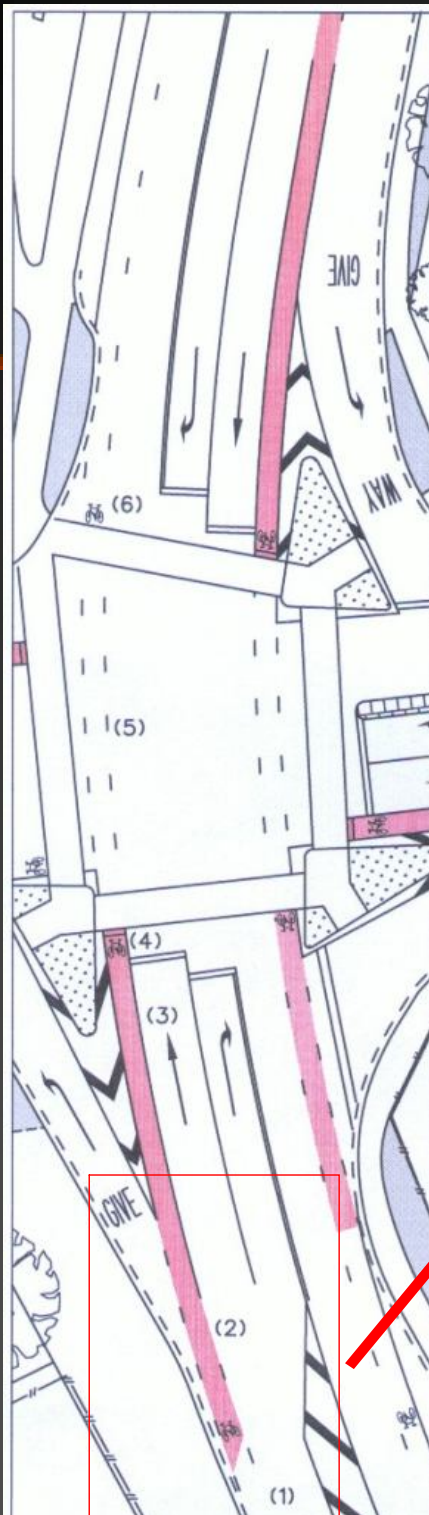
# Six Generic Design Elements



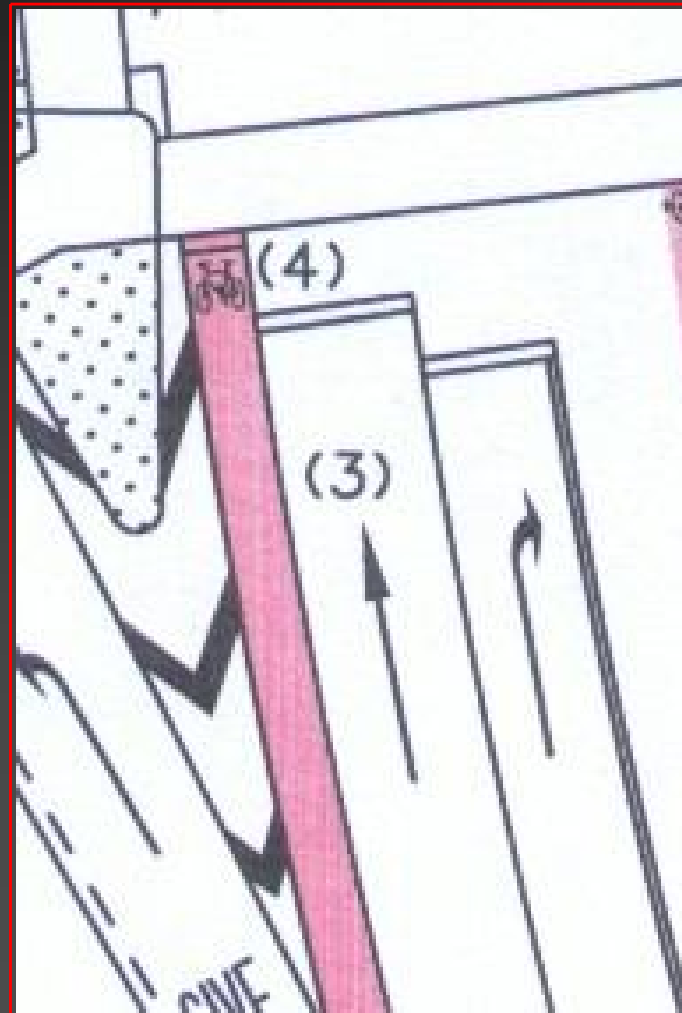
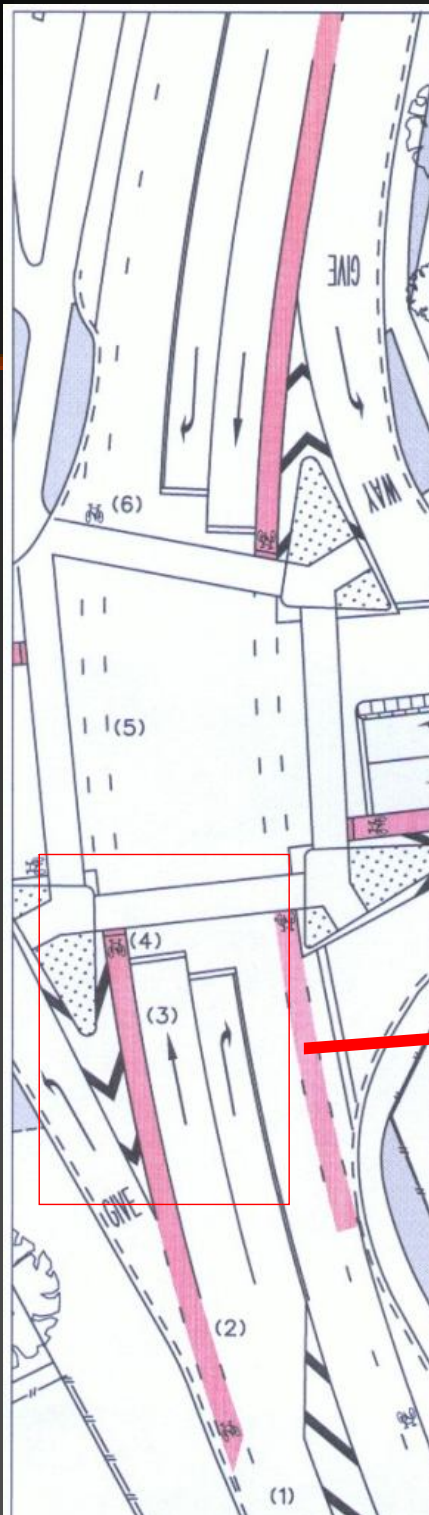


# Example: SH75 in Halswell





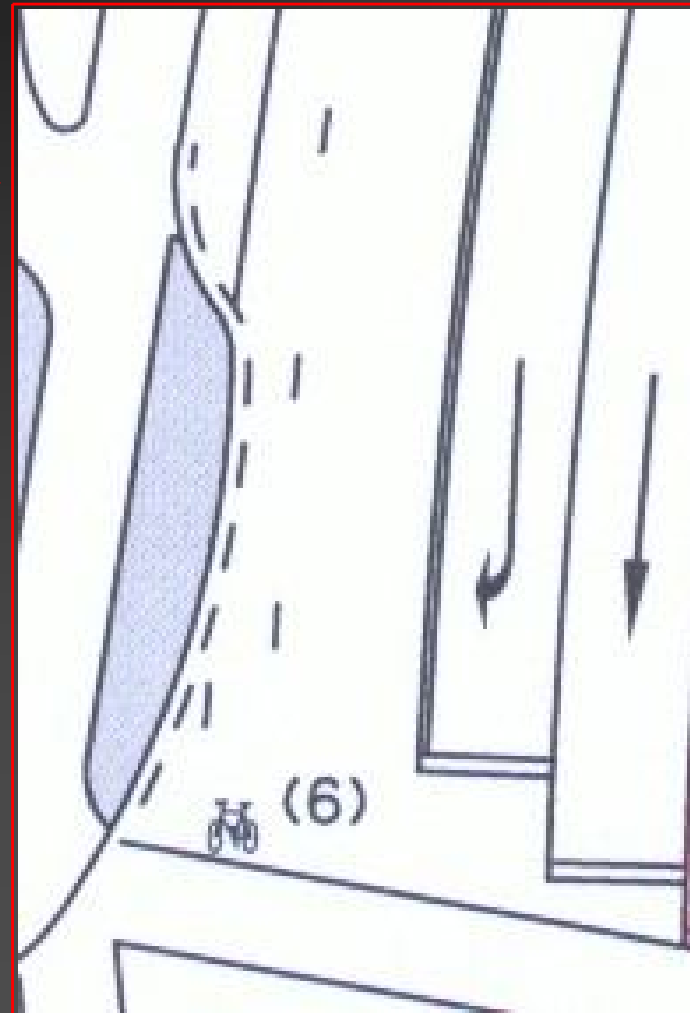
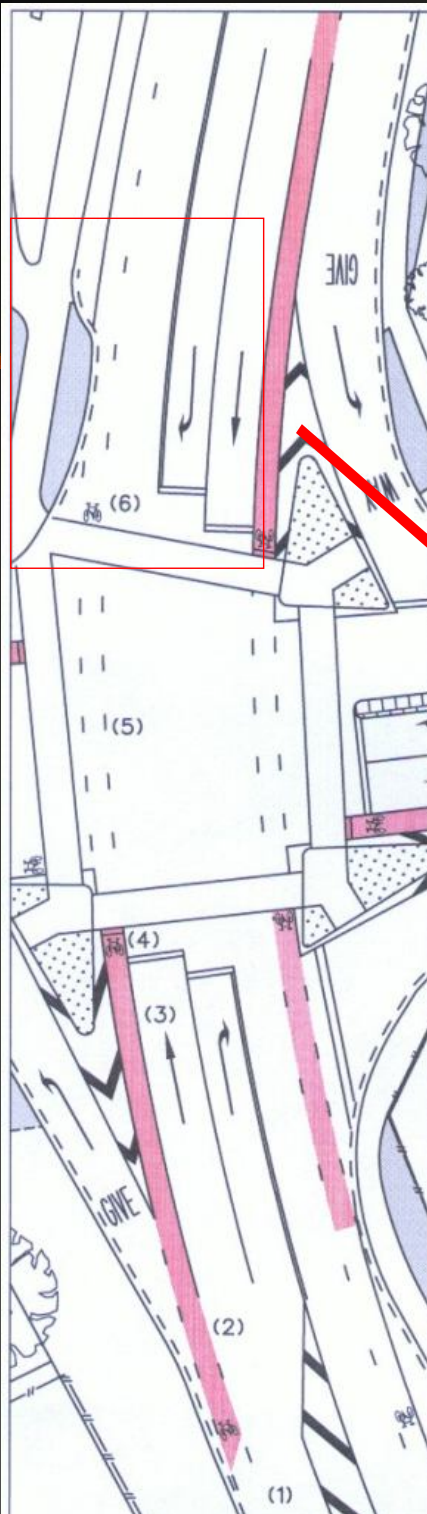
(1)  
Mid-Block  
(2)  
Transition



(3)  
Approach  
(4)  
Storage







(6)  
Departure

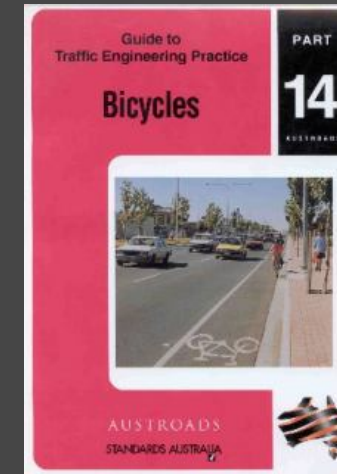
# Design Guidelines (i)

- NRB (1985)  
*Guide to Cycle Facilities*
  - Out of Date
- Transit NZ / LTSA  
*MOTSAM*
  - Contrary to Best Practice
  - To be updated for TCD Rule



# Design Guidelines (ii)

- Austroads  
*Part 14: Cycling (1999)*
  - Most widely used in NZ
- Transit NZ (2003)  
*Cycling Design Guide (CDG)*
  - Under development (MWH)
  - NZ Supplement to Austroads 14



# Recommendations

- Benchmark Proposals against **Six Generic Design Elements**
- Put emphasis on **Stress Point Treatment**
- Adopt soon to be published TNZ **'Cycling Design Guide'**



Thank you