

4.0 PATH TYPOLOGIES

4.1 TYPOLOGY 1: MAIN SHARED CYCLE AND PEDESTRIAN PATH - OFF ROAD

Use

- Main recreation and commuter pathway
- Adequate width and pavement quality for high use cycling and pedestrian shared use

Form

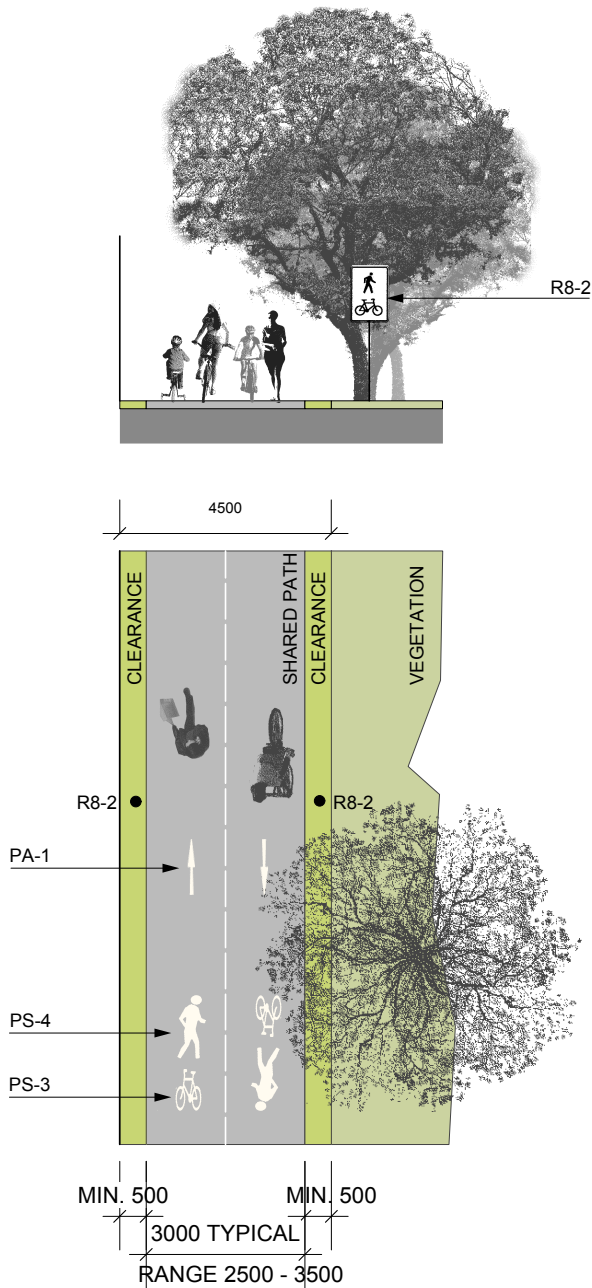
- New paths to be 3.5m width
- Existing paths of 2.5m width should be assessed for appropriateness
- Ensure clearances either side of path for passing of cycles and pedestrians in peak usage. If side clearances not achievable, then additional width may be required.
- Markings on path should reinforce the understanding of shared pedestrian and cycle use

Materials

- Concrete path
- Asphalt path with edging
- Crushed sandstone / decomposed granite: for additional widths to paths

Signage

- Divided path reinforces understanding of potential for high speed users
- Shared path symbols as per NSW Bicycle Guidelines including pavement markings and pole signs



TYPE 1: MAIN SHARED CYCLE AND PEDESTRIAN PATH IN PARK

NOTE:
CLEARANCE TO WALLS, FENCES AND PLANTING.
LANE PAVEMENT SYMBOLS AND REGULATING
SIGNS IN INTERVALS OF 75 M.



Precedent Image of Main Pathway
Pathway used for commuting and recreation purposes with painted
linemarkings (Swan River, Perth)

4.2 TYPOLOGY 2: SHARED RECREATION LOOP PATH IN PARKS

Use

- Subsidiary recreation pathway with connections to the main path route
- Internal path within parks for recreation use
- Adequate width and pavement quality for cycling and pedestrian shared use

Form

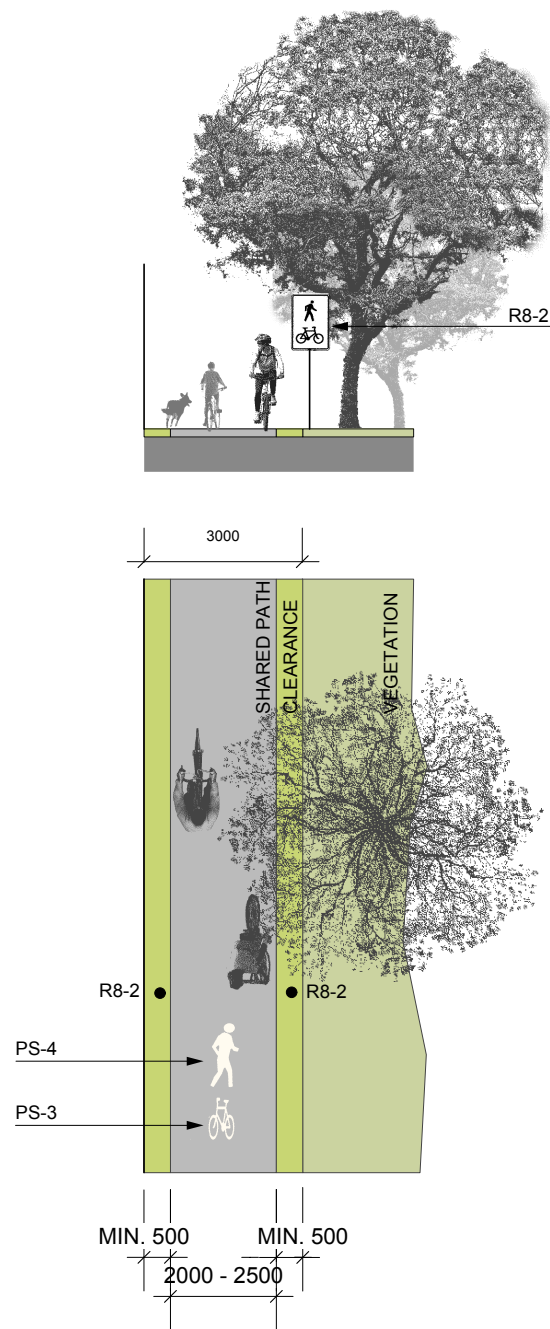
- New paths to be 2.5m width
- Existing paths of 2.0m width should be assessed for appropriateness
- Ensure clearances either side of path for passing of cycles and pedestrians in peak usage. If side clearances not achievable, then additional width may be required.
- Markings on path should clarify the shared pedestrian and cycle use, however need not be as dominant

Materials

- Concrete path
- Asphalt path with edging
- Crushed sandstone / decomposed granite: for additional widths to paths

Signage

- Non-divided path to reinforce shared slow speed behaviour
- Shared path symbols as per NSW Bicycle Guidelines including pavement markings and pole signs



**TYPE 2:
SHARED RECREATION LOOP PATH IN PARK**

NOTE:
CLEARANCE TO WALLS, FENCES AND PLANTING.
LANE PAVEMENT SYMBOLS AND REGULATING SIGNS I
INTERVALS OF 75 M.



Precedent Image of Recreation Loop Pathway
Recreation pathway within parkland (Meadowbank Park, Ryde)

4.3 TYPOLOGY 3: SECONDARY SHARED PATHWAY - INTERPRETIVE TRAIL

Use

- Subsidiary recreation pathway with connections to the main path
- Slow speed path that has a pedestrian focus, however still allows cycle use
- Adequate width and pavement quality for cycling and pedestrian shared use
- Integrated to park setting

Form

- Varied widths according to the design of the park, with an average minimum width 2.0m and 1.5m at pinch points at restricted areas.
- Rest stops, seating areas and plaza spaces are located along the length of the path.
- The horizontal alignment of the path is varied to reinforce pedestrian walking speed. Viewing distances to be ensured for cycle and pedestrian safety.
- Grade and finish of the path ensure accessibility.
- Ensure clearances either side of path for passing of cycles and pedestrians in peak usage. If side clearances not achievable, then additional width may be required.

Materials

- Potential for variety of pavement surfaces, whilst still ensuring general accessibility along the pathway.
- Concrete path
- Asphalt path with edging
- Concrete detail treatments
- Crushed sandstone / decomposed granite
- Sandstone / unit pavement
- Artworks integrated with pavement

Signage

- Non marked path to reinforce shared slow speed behaviour
- Shared path symbols as per NSW Bicycle Guidelines using pole signs at path entry only



**TYPE 3: OPTION A
SECONDARY SHARED PATH**

SHARED PATH SIGNAGE AT
ENTRIES TO PATH ONLY

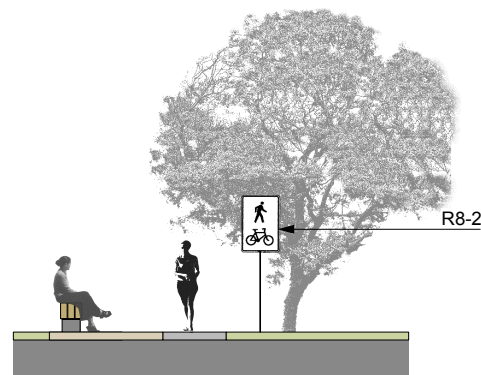
**TYPE 3: OPTION B
SECONDARY SHARED PATH**



Precedent Image of Secondary Pathway
Narrow meandering pathway within parkland (Glades Bay Park, Ryde)



Precedent Image of Secondary Pathway - Interpretive Path
Pathway with integrated art - text bands (Botanic Gardens Perth).



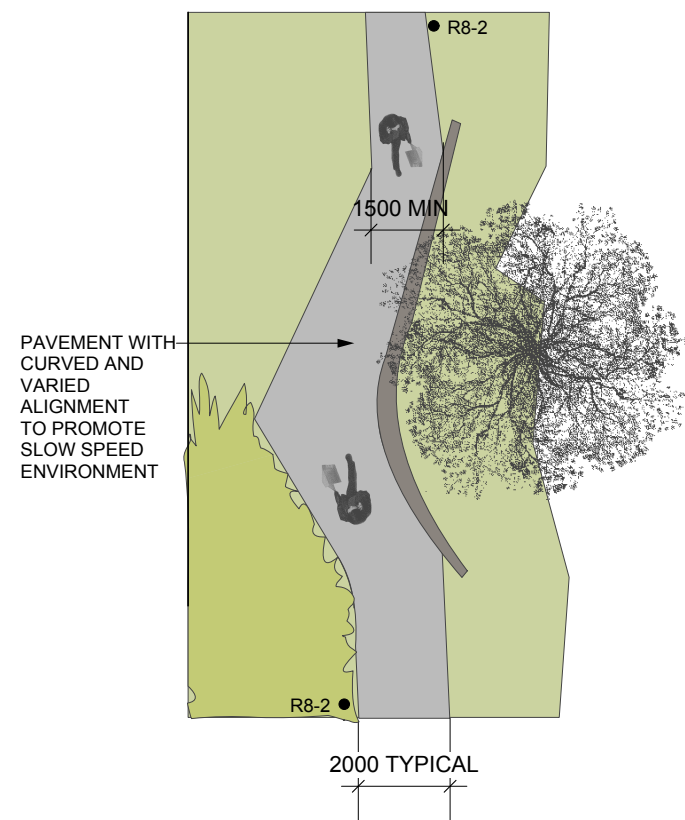
Precedent Image of Secondary Pathway - Interpretive Path
Pathway with artworks and historic interpretive information set in gravel alongside the pathway (William Harvey Reserve - Phillips Marler with Jane Cavanough).



Precedent Image of Secondary Pathway - Boardwalk
Boardwalk sections along secondary pathway to access areas of sensitive environment (West Syd Regional Park - Govt Arch Office).

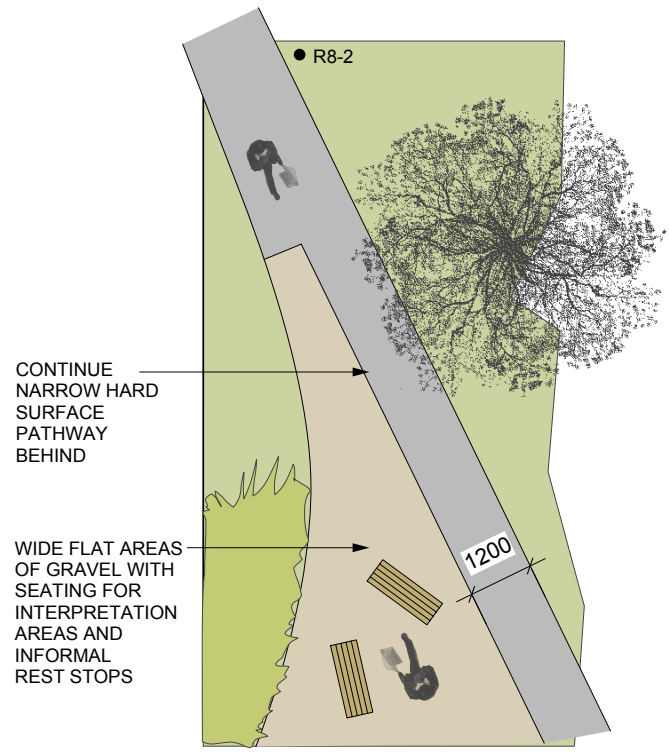


Precedent Image of Secondary Pathway - Gathering Area
Widened pavement with seating and interpretation opportunities. (Swan River, Perth).



**TYPE 3: OPTION C
SECONDARY SHARED PATH**

SHARED PATH SIGNAGE AT ENTRIES TO PATH ONLY



**TYPE 3: OPTION D
SECONDARY SHARED PATH**

SHARED PATH SIGNAGE AT ENTRIES TO PATH ONLY

4.4 TYPOLOGY 4: OFF ROAD - SEGREGATED FOOTPATH

Use

- Pathway located on footpath in key connections along the main recreation and commuter route where unfavourable traffic conditions otherwise impact the use,
- Pedestrian and cycle use separated to allow cyclists to be located furthest distance from driveway entries due to potential conflict

Form

- Minimum 1.5m cycle path (1.0m width in Ashburn Place due to width constraints) and,
- Minimum 1.0m pedestrian path
- Change of pavement material at driveway locations to private property
- Clearance on road edge where car parking on street to allow door opening

Materials

- Concrete path
- Asphalt path with edging

Signage

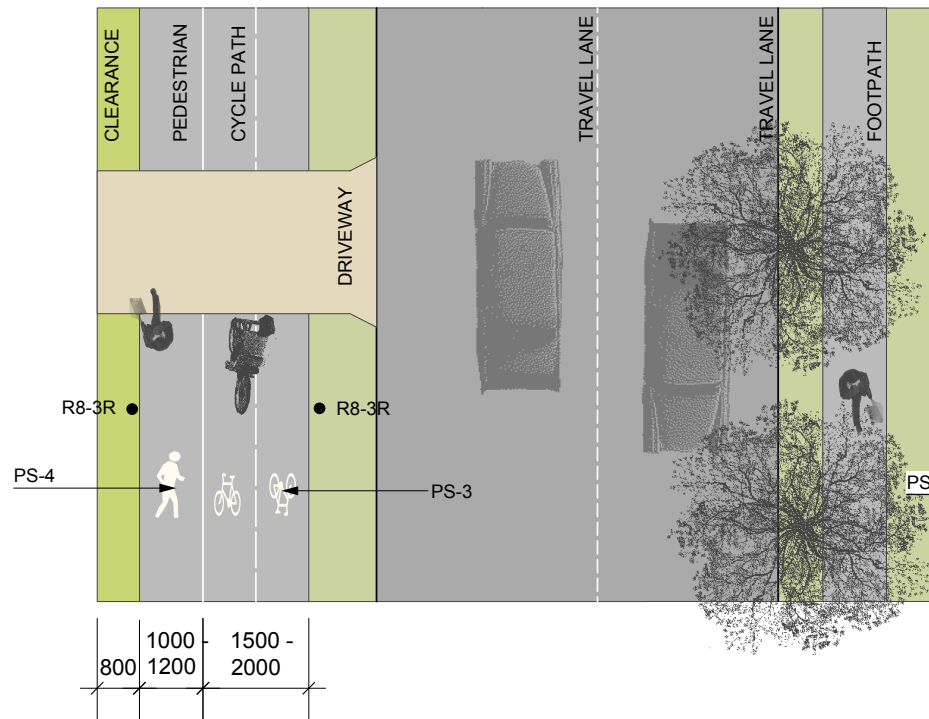
- Segregated path signage as per NSW Bicycle Guidelines including pavement markings and pole signs



5300 MIN

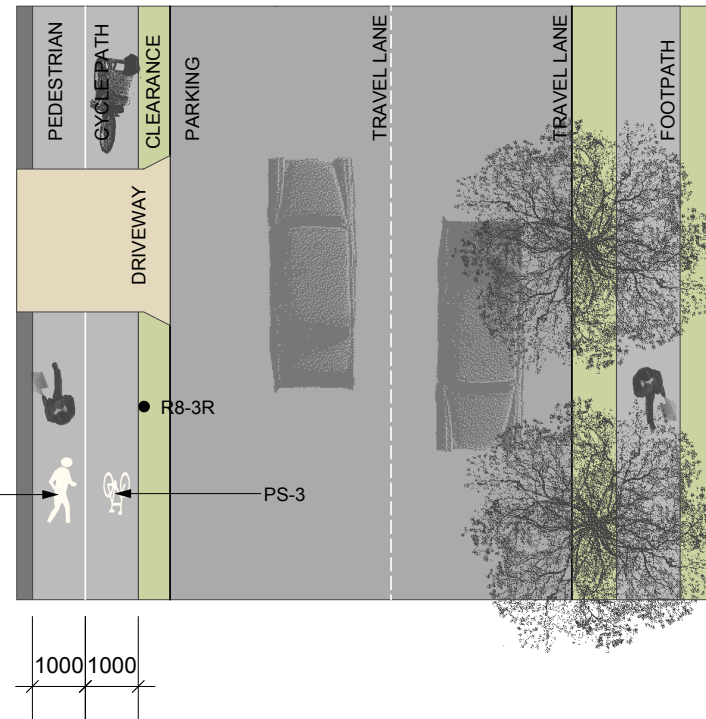


2600 TYP



TYPE 4: MORRISON ROAD / DELANGE ROAD
OFF ROAD - SEGREGATED FOOTPATH

NOTE:
LANE PAVEMENT SYMBOLS AND REGULATING SIGNS IN INTERVALS OF 75 M.



TYPE 4: ASHBURN ROAD
OFF ROAD - SEGREGATED FOOTPATH

NOTE:
LANE PAVEMENT SYMBOLS AND REGULATING SIGNS IN INTERVALS OF 75 M.



Precedent Image of Segregated Footpath
Defined pedestrian and cycle lanes within path to reduce conflict in key areas. (Canada Bay Trail).

4.4 TYPOLOGY 4b: OFF ROAD - SEGREGATED FOOTPATH - SUSPENDED PAVEMENT

Use

- Main recreation and commuter pathway located on footpath
- Footpath on steep sloping road verge requiring suspended pavement to achieve adequate widths
- Location of suspended paths (such as Loop Rd) have views over water. Path width to be adequate to allow pedestrians to stop and watch, or provide viewing deck areas along the pathway.
- Pedestrian and cycle use separated to allow pedestrians or cyclists to stop and watch the view out of the flow of cycle movement.

Form

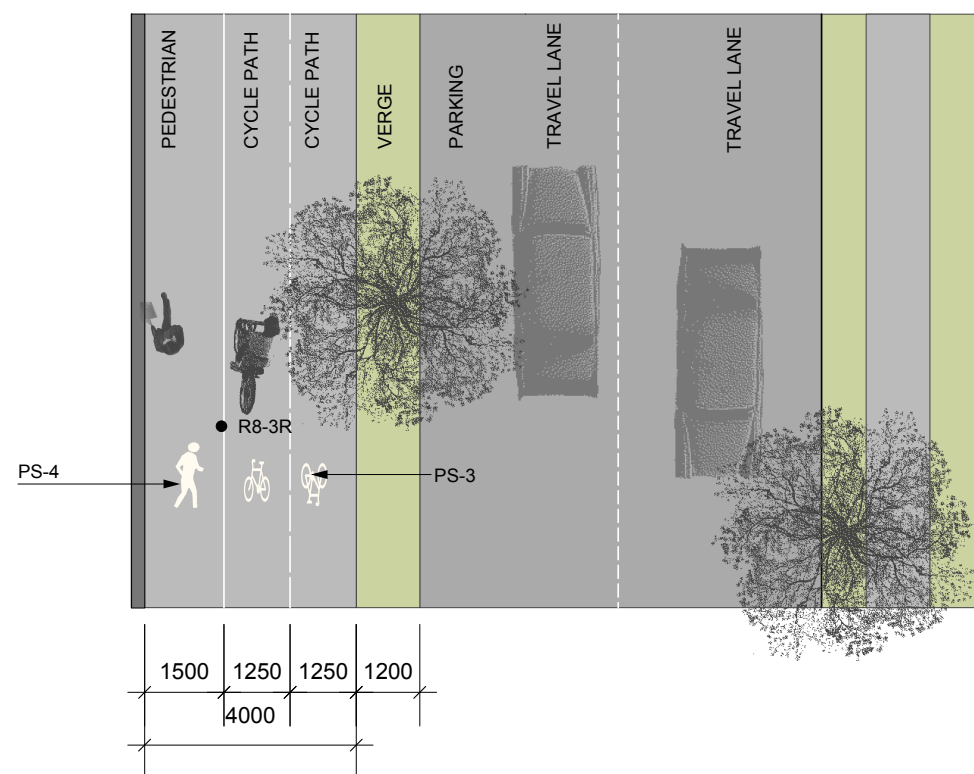
- Paths to be 4.0m width total
- Minimum 2.5m width cycle path (2-way)
- Minimum 1.5m width pedestrian

Materials

- Concrete 'bond deck' with topping to match pathway in connecting pathways

Signage

- Segregated path signage as per NSW Bicycle Guidelines including pavement markings and pole signs



SEGREGATED FOOTPATH - ALONG STREET
SUSPENDED PAVEMENT

NOTE:
LANE PAVEMENT SYMBOLS AND REGULATING SIGNS IN
INTERVALS OF 75 M.



Precedent Image of Suspended Pavement
Elevated concrete pavement on road verge to maintain consistent
pathway widths. (Canada Bay Trail).



4.5 TYPOLOGY 5: MIXED TRAFFIC STREET

Use

- Quiet residential streets where cyclists can be accommodated on the road pavement
- Pedestrians and children (under age of 12) cyclists the footpaths

Form

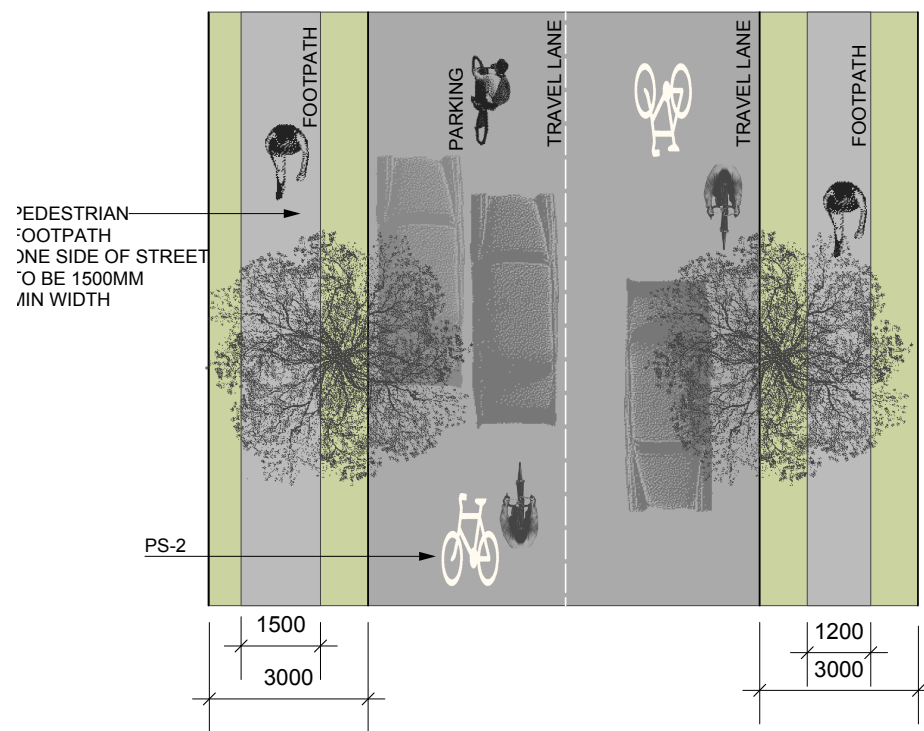
- Cyclists share travel lane with cars (road pavement width generally not sufficient width for marked cycle lanes)
- New pedestrian path to be 1.5m width
- Existing pedestrian path to be minimum 1.2m width and assessed for appropriateness

Materials

- Concrete path to Council standard

Signage

- Painted pavement symbols as per NSW Bicycle Guidelines
- Note: Children up to 12 years of age and accompanying adults are permitted to use footpaths. No signage needed.



TYPE 5 ON ROAD - MIXED TRAFFIC STREET (TIGHT PROFILE, QUIET STREET)

NOTE:
PREFERRED ONLY FOR DISTANCES UP TO 300M. OPERATING SPEEDS AT OR BELOW 40 KM/H.

LANE PAVEMENT SYMBOLS AND REGULATING SIGNS IN INTERVALS OF 75 M.



Precedent Image of Mixed Traffic Street
Cyclists travel on quiet streets with pedestrian and children cyclists on footpath (Meadowbank area).