

ATTACHMENT F

Newtown, Erskineville, Camperdown and Darlington Pedestrian, Cycling and Traffic Calming Plan - Table of Treatments

RECOMMENDED MEASURES / WORKS	PRIORITY
NORTHERN AREA	
<p>N1. Implement City's Cycleway Strategy including –</p> <ul style="list-style-type: none"> a) Separated cycleway in Missenden Road. b) Separated cycleway and shared path in Carillon Avenue. c) Separated cycleways in Mallet Street, Fowler Street and Church Street between Fowler and Lucas Streets d) Separated cycleway in Wilson Street between Ivy Street and Burren Street and in Burren Street. e) Separated cycleways in Forbes Street, Darlington Road and Butlin Avenue / Codrington Street, including pedestrian treatment at Darlington Road/Codrington Street intersection. f) Separated cycleways in Shepherd Street and Abercrombie Street between Cleveland Street and Codrington Street. g) Separated cycleway in Lawson Street between Little Eveleigh Street and Regent Street. h) Mixed traffic and contra flow lanes in various streets. i) Shared path sections. j) *Wilson Street at Erskineville Road – Investigate and adjust traffic signals to accommodate contra flow bicycle lane in Wilson Street, which would include removal of the slip lane, new traffic signal phasing and linemarking. k) Wilson Street between Erskineville Road and Burren Street – Implement five (5) speed cushions and provide a separator adjacent to the contra flow bicycle lane. <p><u>Reason</u> <i>Part of the City's Cycleway Strategy to provide safe bicycle routes and encourage cycling.</i></p>	
<p>N2. Warren Ball Avenue – Provide shared zone treatment.</p> <p><u>Reason</u> <i>Narrow residential street and suitable for Shared Zone</i></p>	1
<p>N3. Wilson Lane (between Golden Grove Street and Codrington Street) – Provide shared zone treatment.</p> <p><u>Reason</u> <i>Narrow residential street and suitable for Shared Zone</i></p>	1
<p>N4. a) Abercrombie Street between Shepherd Street and Ivy Lane – Investigate widening of southern footpath</p> <p>b) Shepherd Street between Abercrombie Street and Lander Street – Close Shepherd Street.</p> <p>c) As part of 4b above investigate and implement appropriate traffic calming measures in local streets east of Shepherd Street and north of Abercrombie Street to minimise the impact of any displaced traffic from the closure in the adjoining streets.</p> <p><u>Reason</u> <i>Improve pedestrian amenity and reduce crowding in Abercrombie Street. Road closure will improve pedestrian amenity and safety and cater for large pedestrian volume using walk route. Ameliorate impacts from closure in adjacent local streets.</i></p>	1 2 2
<p>N4. d) Boundary Street at Vine Street – Provide a roundabout at the intersection.</p> <p><u>Reason</u> <i>Existing City proposal to improve safety at the intersection.</i></p>	1

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RECOMMENDED MEASURES / WORKS		PRIORITY
N12	Holdsworth Street at Wilson Street – Provide kerb extensions in Holdsworth Street on both corners. <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements.</i>	2
N13	Randle Street at Wilson Street – Provide kerb extensions in Randle Street on both corners. Additional area on south western corner adjacent the cafe can be used for outdoor dining, landscaping and or bicycle parking. <u>Reason</u> <i>Improve pedestrian amenity</i> <i>Provide additional area for bicycle parking landscaping and outdoor dining ie. Streetscape Improvements.</i>	2
N14	Pine Street at Wilson Street – Provide kerb extensions in Pine Street on both corners. <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements.</i>	2
N15	a) Linthorpe Street at Brown Street – Provide a kerb extension on north western corner. b) Linthorpe Street at Herbert Street – Provide kerb blisters on both corners. <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements.</i>	2 2
N16	Bucknell Street – Provide shared zone treatment. <u>Reason</u> <i>Narrow residential street and suitable for Shared Zone. Also future bike route.</i>	1
N17	Watkin Street at King Street – Investigate kerb extensions in Watkin Street on both corners. <u>Reason</u> <i>Improves pedestrian amenity and safety.</i>	2
N18	Brown Street at King Street – Investigate a kerb extension in Brown Street on the north eastern corner. <u>Reason</u> <i>Improves pedestrian amenity and safety.</i>	2
N19	Brown Street at Bruce Lane – Provide kerb extensions in Brown Street on the north eastern and north western corners. <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements.</i> <i>Assist in reducing vehicle speeds in Brown Street.</i>	2
N20	Watkin Street at Wilson Street – Provide kerb extension on south western corner to improve driver sight lines. Provide painted island on north eastern corner to delineate vehicle path around covered drain. <u>Reason</u> <i>Improve safety at intersection.</i>	2
N21	Fowler Lane between Mallet Street and Church Street – Provide shared zone treatment. <u>Reason</u> <i>Narrow residential street and suitable for Shared Zone.</i>	1
N22	Fowler Street at Mallet Street – Provide a kerb extension in Fowler Street on the south eastern corner. <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements.</i> <i>Assist in reducing vehicle speeds.</i>	2

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RECOMMENDED MEASURES / WORKS		PRIORITY
N23	Fowler Street at Church Street – Provide a kerb extension on the south western corner. <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements.</i> <i>Assist in reducing vehicle speeds.</i>	2
N24	Church Street between Carillon Avenue and Parramatta Road – Investigate kerb extensions and or footpath widening on the eastern side of Church Street. Locations include – - North eastern corner of Broderick Street; - Between Marsden Street and Briggs Street; and - Between Lucas Street and Grose Street, (NB: Design to suit separated cycleway on western side of Church Street between Lucas Street and Fowler Street). <u>Reason</u> <i>Improves pedestrian amenity and safety</i> <i>Provide area for streetscape improvements</i> <i>Reduce vehicle speeds</i>	2
N25	Mallet Street between Hampshire Lane and Fowler Street – Investigate pedestrian crossing at or near existing pedestrian refuge. <u>Reason</u> <i>Investigation to establish if crossing facility warranted</i>	1
N26	Investigate all narrow lanes and roads for shared zone treatments. (See Sheet G for potential shared zones.) <u>Reason</u> <i>This is a current policy of the City to convert suitable narrow lanes to shared zones (providing that they meet relevant guidelines) to reduce vehicle speeds in the lanes and improve conditions for other road users.</i>	1
SOUTHERN AREA		
S1.	Implement City's Cycleway Strategy including - a) Separated cycleway in Burren Street and shared path. b) Separated cycleway in Concord Street. c) Mixed traffic and contra flow cycle lanes in various streets. d) Shared path sections. e) Stop signs in Smiths Lane at MacDonald Street (MacDonald Street cycle route) <u>Reason</u> <i>Part of the City's Cycleway Strategy to provide safe bicycle routes and encourage cycling.</i>	
S2.	*Concord Street and King Street. a) Provide signalised crossing across Concord Street with associated footpath works. b) Advocate for additional signalised crossing across King Street on southern side of intersection with RTA. <u>Reason</u> <i>Improves safe crossing opportunities of pedestrians and cyclists crossing at intersection.</i>	1 1
S3.	a) Bray Street at King Street and at Concord Street - Investigate full or partial closure of Bray Street either at King Street or at Concord Street and or other alternative traffic calming measures. <u>Reason</u> <i>Existing proposal to reduce traffic using Bray Street, as a short cut.</i> b) If road closure proceeds introduce two way traffic in Concord Street between Bray Street and King Street <u>Reason</u> <i>Maintain local access following road closure (NB. Requires minor widening of Concord Street incorporating a portion of State Rail Authority Land)</i>	2 2
S4.	Intersection of Union Street, Iredale Street and Knight Street - Investigate channelisation at intersection. <u>Reason</u> <i>Improves pedestrian amenity / safety at the intersection – provides additional traffic calming.</i>	1

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RECOMMENDED MEASURES / WORKS		PRIORITY
S5.	Baldwin Street - Provide shared zone treatment. <i>Note</i> <i>This shared zone has recently been installed by the City of Sydney</i>	1
S6.	Intersection of Charles Street and Albert Street - a) Implement minor channelisation works including roadmarking, signage and a median in the short term. b) Investigate future improvement works including the removal of the raised platform and channelisation of the intersection using kerb extensions and road narrowing, taking into account cyclist's safety. <i>Reason</i> <i>Improve safety at the intersection – provides additional traffic calming.</i>	1 2
S7.	Angel Street and Erskineville Road - Implement footpath improvement works in Angel Street (both sides) at the intersection. (NB: Contra flow bike lane proposed in Angel Street as part of City's cycleway network). <i>Reason</i> <i>Improve safety of pedestrians and cyclists crossing at intersection.</i>	1
S8.	Burren Road, north of Albert Street (MacDonalddown railway station) - Provide raised pedestrian crossing with appropriate safety measures including, kerb extensions and or narrowing, lighting etc. Design to accommodate separated cycleway. <i>Reason</i> <i>Improves pedestrian amenity and safety. Replaces existing pedestrian refuge.</i>	1
S9.	Lambert Street at George Street - Provide a kerb extension on south western corner for landscaping and or community gardening. <i>Reason</i> <i>Improves pedestrian amenity and provides area for streetscape improvements.</i>	2
S10.	Morrisey Road - Provide shared zone treatment. <i>Reason</i> <i>Narrow residential street and suitable for Shared Zone.</i>	2
S11.	Concord Street and Coulson Street - Investigate improvements to the pedestrian route (i.e. footpath width and crossing point) between Bray Street and east of the railway underpass. <i>Reason</i> <i>Narrow footway.</i> <i>Improves pedestrian amenity and safety.</i>	1
S12.	a) Railway Lane at Thomas Street - Investigate closure of Railway Lane. b) Railway Lane between Thomas Street and Angel Street - Investigate shared zone. <i>Reason</i> <i>Narrow lane only suitable for property access.</i> <i>Stop rat running in lane.</i>	2
S13.	Erskineville Road at George Street / Charles Street - Investigate and upgrade lighting if necessary at existing pedestrian crossing. <i>Reason</i> <i>Improves pedestrian safety at crossing.</i>	1
S14.	Erskineville Road between George Street and rail bridge – Investigate footpath widening on southern side <i>Reason</i> - <i>Improves pedestrian amenity</i> - <i>Provide area for streetscape improvements</i>	2
S15*	Bridge Street at Erskineville Road – Provide signalised crossing across Bridge Street (northern leg) at existing traffic signals. <i>Reason</i> - <i>No existing crossing</i> - <i>Improve safety of pedestrians and cyclists crossing at intersection including school children.</i>	1

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RECOMMENDED MEASURES / WORKS		PRIORITY
S16.	<p>a) Newman Street at King Street - Investigate footpath improvements in Newman Street at King Street (continue footpath over Newman Street). George Street at King Street – Investigate footpath improvements in George Street at King Street (continue footpath over George Street).</p> <p>b) <u>Reason</u> <i>Improves pedestrian amenity and safety along King Street footpath.</i></p>	<p>2</p> <p>2</p>
S17.	<p>Investigate all narrow lanes and roads for shared zone treatments. (See Sheet H for potential shared zones). <u>Reason</u> <i>This is a current policy of the City to convert suitable narrow lanes to shared zones (providing that they meet relevant guidelines) to reduce vehicle speeds in the lanes and improve conditions for other road users.</i></p>	1
S18.	<p>Erskineville Road between Gowrie Street and Union Street – Investigate pedestrian crossing facility. <u>Reason</u> <i>Investigation to establish if crossing facility warranted.</i></p>	1
S19	<p>Newman Street at Whitehorse Street – Provide kerb ramps at road closure (both ends). <u>Reason</u> <i>Existing kerb lip is not compliant to Australian Standards. Will assist pedestrians and cyclists.</i></p>	1
GENERAL TO BOTH AREAS		
G1	<p>Investigate all narrow lanes for two way bicycle access. <u>Reason</u> <i>Applies to one way lanes. Improve bicycle access and encourage bicycle use.</i></p>	1
G2	<p>Audit walking routes in area for compliance with relevant City and Australian Standards. Develop a program to rectify deficiencies in accordance with the route’s priority. <u>Reason</u> <i>Promotes walking and makes it safer and more accessible.</i></p>	1
G3	<p>a) Audit bus stops on bus routes in conjunction with the STA to ensure appropriate facilities are provided for passenger comfort (i.e. information, seating, shelter, lighting, accessibility, personal security) in accordance with the functional role of the bus stop.</p> <p>b) City to work with RTA and Sydney Buses to identify and implement traffic management and other measures that maintain/improve bus service reliability and service levels. <u>Reason</u> <i>Encourages the use of public transport through better passenger facilities and reliable service levels.</i></p>	<p>1</p> <p>1</p>
G4	<p>a) Provide bicycle parking (bicycle racks, U rails etc) at major land use attractions such as King Street strip, Erskineville Village, parks, community facilities etc.</p> <p>b) Provide bicycle rings on City owned posts for bicycle parking along bicycle routes and at other suitable locations.</p> <p>c) City to seek the cooperation of other authorities such as Sydney University, Carriageworks at Eveleigh and Royal Prince Alfred Hospital to provide bicycle parking at their venues. City to work with City Rail/Railcorp to provide bicycle parking at rail stations. <u>Reason</u> <i>Promotes cycling by providing bicycle parking facilities in the area.</i></p>	<p>1</p> <p>1</p> <p>1</p>

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RECOMMENDED MEASURES / WORKS		PRIORITY
G5*	<p>City to seek RTA cooperation to address identified pedestrian crossing deficiencies and other issues on State Roads including –</p> <ul style="list-style-type: none"> a) Additional signalised crossings in King Street/City Road at Union Street, Alice Street, Mary Street, Church Street, Georgina Street, Queen Street, Carillon Avenue and Cleveland Street. b) Provision of safe crossing facilities in City Road at or near Myrtle Street. c) Additional signalised crossings in Cleveland Street at Shepherd Street and Boundary Street. d) Other safety related matters identified in study. e) Matters raised by the community. f) Erskineville Road at Wilson Street – Investigate traffic management at intersection to improve pedestrian safety and bus manoeuvring. Investigation to examine possible additional pedestrian crossing, changes to slip lane and or line marking. <p><u>Reason</u> Provide safe pedestrian and cyclist crossing facilities at locations where existing facilities are deficient. Address identified safety issues on State Roads. Address community concerns.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1/2</p>
G6	<p>Investigate local streets near King Street that may allow for temporary kerb extensions on the weekends and some evenings to facilitate improved pedestrian facilities opportunities for increased outdoor dining in the area.</p> <p><u>Reason</u> Improves pedestrian amenity and general amenity in area</p>	2
ADDITIONAL PROJECTS		
A1	<p>Investigate changing Amy Street Erskineville to one-way northbound and creating a shared zone. Note that this would create a one-way pair with Flora Street.</p> <p><u>Reason</u> Provide a safer environment for both pedestrians and vehicles and remove the need for vehicles to park with wheels on the footpath.</p>	1
A2	<p>Investigate "rat-running" in Parkers Lane, Erskineville, including illegal right turns from Parkers Lane into Victoria Street</p> <p><u>Reason</u> Local residents have stated that there is an issue with illegal right turns from Parkers Lane into Victoria Street (one way westbound).</p>	2
A3*	<p>City to seek RTA cooperation to investigate an all pedestrian phase at King Street / Enmore Road intersection</p> <p><u>Reason</u> The local business precinct has requested marrickville and City of Sydney councils to investigate in order to improve pedestrian connections to Newtown railway station.</p>	2

*Requires RTA Approval

The cycleways are estimated to cost approximately \$3,550,000 and will be funded through the bicycle related works budget. The remaining leaving \$12,046,000 is to be funded through the capital works budget