

**Report to General Manager**

Attachments: Ranked list of projects,
Correspondence (dataworks 4640056)

SUBJECT: Traffic Facilities Program 2009/2010

AUTHOR: Cathy Edwards-Davis, Traffic Engineer, 27 July 2009

SUMMARY:

The North Sydney Traffic Strategy (which evolved from the 1992/1993 traffic study) involves an annual community review of the priorities for traffic projects in the area. The community's highest ranked traffic projects have been assessed according to a number of criteria and the list of proposed traffic projects has been updated and amended. The attached list of projects is ranked for funding purposes.

RECOMMENDATION:

1. **THAT** the proposed Traffic Facilities Program as highlighted on the attached list of traffic projects be adopted for implementation in the 2009/2010 capital works program.
2. **THAT** if a traffic project is delayed such that its completion within the financial year is jeopardised, it be postponed and the next project on the traffic strategy implementation program be commenced.
3. **THAT** Council allocate the additional funding to the Traffic and Bicycle Facilities as outlined in the report.

Financial Implications:

The funding implications are set out in the report.

Signed _____

Endorsed by _____
Director of Engineering & Property Services

ORIGINAL SIGNED

Comment by Director, Finance & Information Management:

Funding for the project is appropriate.

DETAIL

The North Sydney Traffic Strategy evolved from the 1992/1993 traffic study of the whole of the North Sydney area, which involved extensive community consultation. The strategies and actions aim to address the negative impacts of traffic on amenity, safety and access, with safety and reducing the frequency and/or severity of road crashes being the main priority.

The implementation of the strategy involves an annual review of the priorities of traffic projects identified for each of the seven Traffic Zones, which cover the whole of North Sydney. The review of priorities is undertaken with representatives of the precincts in each Traffic Zone. Consultation also occurs throughout the year with interested groups such as Bicycle NSW, the Access Committee, the RTA and adjoining councils and, of course, the Traffic Committee.

The 2009/2010 traffic strategy review meetings were held in May 2009 with Councillors, Precinct representatives and community members. At these meetings those present were informed of the strategy for the particular traffic zone and informed of the progress to date with the traffic strategy including the traffic devices constructed in the past year and the results of negotiations with the Roads and Traffic Authority and/or State Transit Authority.

The traffic strategy implementation procedure adopts a methodology that allows the community's high priority traffic projects to be ranked according to a number of criteria. This allows for funding to be promptly reallocated from a delayed project to the next highest ranked project.

Each traffic project to which the community has given a high priority has been assessed according to the following criteria:

- Safety
- Residential amenity
- Pedestrian amenity
- Cyclist amenity
- Through traffic control
- Public transport benefits
- Equity

This assessment has been undertaken because only a limited number of the community's high priority traffic projects can ever be implemented in any year. The assessment of different communities' requirements is a subjective process requiring the sifting of relevant information as objectively as possible. The attached list of traffic projects has been assessed in this way. The list is recommended to Council for adoption as the 2009/2010 traffic facilities program for construction and implementation this financial year. If adopted, the \$125,000 allocated for traffic projects this year will be applied to the projects on this list.

Project Implementation

Following Council's adoption of the attached list, designs will be prepared for the various projects.

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The project designs will be placed on public exhibition. They will be advertised, similarly to a development application, to potentially impacted residents in the area. Notification will be sent to the relevant Precinct and where a project is proposed near to the boundary of a traffic zone, the adjoining Precinct of a neighbouring traffic zone will also be notified.

Following resident consultation, based on feedback and other considerations such as safety, the following will occur:

- The works will be implemented as designed
- The works will be modified and implemented
- The works will be abandoned

If a particular project has to be abandoned, another high priority project as identified in the attached list will be designed and go through the above consultation process.

Projects requiring approval from the traffic committee will be referred to it.

Funding

External grant funding from the RTA was applied for in October 2008. This was obviously prior to setting the 2009/2010 budget through the Management Plan. The RTA in a letter dated 21 July 2009 has advised Council that the following projects have been allocated funding on a 50:50 basis:

Project Description	RTA Funding	Council Funding Required
Bike Plan Facilities – High priority projects as identified in the Bike Strategy 2009	\$25,000	\$25,000
Christie Street, St Leonards – Installation of a signalised pedestrian crossing at Sergeants Lane/ north of Atchison Street	\$100,000	\$100,000

The following budget 2009/2010 was adopted through the Management Plan:

Program No.	Project	Internal Funding	S.94 Funding	Other External Funding	Total Cost
3.1	Traffic Facilities – Projects to be established	\$0	\$125,000	\$0	\$125,000
3.2	Bicycle Facilities – Projects to be established	\$10,000	\$0	\$20,000	\$30,000

Council has been applying for funding for the Christie Street pedestrian signals for a number of years. If Council were to construct the Christie Street pedestrian signals, this would take up almost the entire Traffic Facility budget for 2009/2010. It is therefore recommended that an additional \$100,000 be allocated from Section 94 Traffic Facility funds to match the RTA funding.

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The current \$10,000 funding allocation for bikes is currently inadequate to match the RTA funding. It is therefore recommended that an additional \$15,000 be allocated from Section 94 Traffic Facility funds to match the RTA funding.

It is therefore recommended that the 2009/2010 budgets are modified as follows:

Program No.	Project	Internal Funding	S.94 Funding	Other External Funding	Total Cost
3.1	Traffic Facilities – Projects as identified in attached list	\$0	\$225,000	\$100,000	\$325,000
3.2	Bicycle Facilities – Projects as identified in attached list	\$10,000	\$15,000	\$25,000	\$50,000

Pedestrian Projects

Council has undertaken an audit of all the existing pedestrian facilities in the North Sydney area. This audit has identified the need to upgrade some pedestrian facilities. It is therefore recommended that \$15,000 be allocated towards upgrading pedestrian facilities in 2009/2010. Funding for pedestrian facility upgrades will also come from the pedestrian budget.

Lines & Signs Priorities

The RTA currently provides Council with \$234,000 each year towards the installation of new signs and lines and the maintenance of existing signs and lines. Council allocates further funding towards signs and lines. However, in the past few financial years, Council has been under increasing pressure to spend more on signs and lines.

Besides the installation costs, there are other costs associated with the management of the resident parking scheme, surveying residents regarding parking restrictions and the issuing of the resident parking permits. The fees associated with the resident parking permits partially cover these costs.

The signage budget not only covers the resident parking signs, it also includes signs such as pedestrian crossing signs, warning signage, No Stopping signs, bus zone signs, etc.

Given the increasing pressures to install more lines and signs than are provided for in the budget, Council has previously adopt a prioritised system to deal with maintenance and new requests, with the budget allocated as follows:

- 40% new signs
- 60% maintenance of existing signs

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Where Council receives a request for new signage, the following priorities have been adopted:

Level of Priority	Description
1	Safety matter – near a school, shopping area, high pedestrian activity area Pedestrian facility signs and lines - near a school, shopping area, high pedestrian activity area Location of accident involving a pedestrian/ driver injury No Stopping signs to ensure 3m clearance kept in a road for emergency vehicles
2	Safety matter – residential area (only) Pedestrian facility signs and lines – residential area (only) Meter parking signs and lines Disabled parking signs Bus Zone signs Car share parking signs (from Council, not RTA budget)
3	Resident parking signs Angle parking linemarking Motorbike parking signs Taxi Zone signs Pick-up/drop-off signs near schools Bollards
4	Resident amenity matter only Additional warning signs (eg. Bend in road) Duplicating signs in another location (eg. No Through Road sign or Stop sign on both sides of the road) Repeater parking signs

Throughout the financial year, the signs are physically installed in accordance with these priorities.

It is proposed that the following signs and lines will continue to be paid for by the individual resident/ applicant (as per Council's advertised fees and charges):

- Work Zones
- Signs and lines across driveways
- Signs and lines that only benefit an individual property

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Bicycle Facilities Program 2009/2010										
Throughout LGA	High priority bike routes as identified in the Bike Strategy 2009			50:50 funding received from the RTA in 2009/2010	Bike Committee	All	All	N/A	\$50,000	\$50,000
Pedestrian Facilities Program 2009/2010										
Throughout LGA	Walking brochures				Pedestrian Committee	All	All	N/A	\$5,000	\$5,000
Throughout LGA	Pedestrian facilities - signage, pram ramps, location maps				Pedestrian Committee	All	All	N/A	\$5,000	\$10,000
Throughout LGA	Pedestrian safety projects				Pedestrian Committee	All	All	N/A	\$6,500	\$16,500
Throughout LGA	Pedestrian facilities upgrades - pathways				Pedestrian Committee	All	All	N/A	\$8,500	\$25,000
Recommended Traffic Facilities Program 2009/2010										
Internal design and consultation administration salaries and wages						All	All	N/A	\$10,000	\$10,000
Ongoing pedestrian facility upgrades						All	All	N/A	\$15,000	\$25,000
Christie Street, at Sergeants Lane/ north of Atchison Street	Signalised pedestrian crossing	2005		There are 800 pedestrians crossing at this location in the peak. RTA have approved concept design. 50:50 funding received from the RTA in 2009/2010	Holtermann Precinct	B	Holtermann	N/A	\$200,000	\$225,000
Shirley Road, at Belmont Avenue/ Train station	Raised pedestrian crossing	2009	446		Resident & Clr Zimmerman	A	Wollstonec	93	\$25,000	\$250,000
David Street, at the Pacific Highway, near North Sydney Girls	Install pedestrian crossing at existing threshold	2008	441	School Safety Review Priority 2	School Review	B	Hayberry	93	\$20,000	\$270,000
Ben Boyd Road, at Hardie St/ Lindsay St	Pedestrian crossing & kerb blisters	2009		Petition 235 signatures	Petition	E	Neutral	93	\$35,000	\$305,000
Berry St, at Pacific Hwy	Upgrade of existing pedestrian crossing	2007			Ped Council	A	Edward	90	\$20,000	\$325,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Traffic Facilities Projects - For consideration for funding in future financial years OR if funding becomes available in 2009/2010										
Fall Street, at Park Avenue	Kerb blister at intersection to prevent vehicles travelling the wrong way in Fall Street	2008	442	7 vehicles per day travelling wrong way (4.3%). 85th percentile 45 km/h	Resident	D	Parks	86	\$10,000	\$10,000
Montpellier St, near School gate	Pedestrian refuge	2009	446		Petition	E	Neutral	86	\$10,000	\$20,000
Ridge Street, near Marist College/ St Marys Junior School	Traffic calming &/or raised pedestrian crossing	2008	441	School Safety Review Priority 2	School Review	B	Hayberry	86	\$20,000	\$40,000
Edward Street, at Mount Street	Pedestrian refuge and kerb blister	2009			Edward Precinct	A	Edward	86	\$10,000	\$50,000
Balls Head Road, Balls Head Drive	Traffic calming as identified by Consultant's Study			On-going community consultation	Waverton Precinct	A	Waverton	84	\$20,000	\$70,000
Ben Boyd Road, Yeo Street to Kurraba Road	Traffic calming/ pedestrian facilities	2008 and 2009	438 and 446	Petition 235 signatures	Petition	E	Neutral	82	\$20,000	\$90,000
Rosalind Street, West Street to Miller St	Garden beds, to narrow street	2008	435		Resident	B	Registry	81	\$15,000	\$105,000
Oxley Street, south-west of Clarke Street	Pedestrian refuge	2009			Holtermann Precinct	B	Holtermann	81	\$10,000	\$115,000
Oxley Street, near North Sydney Indoor Sports Stadium	Pedestrian facilities	2009			Sports Stadium User	B	Holtermann	81	\$10,000	\$125,000
Union Street, entire length	Traffic calming	2008		Concerns at crest of Hill	Union Precinct	G	Union	80	\$20,000	\$145,000
William Street, at Mount Street	Pedestrian crossing on southern side of intersection	2009			Edward Precinct	A	Edward	78	\$20,000	\$165,000
Carlow Street, near Marist College/ North Sydney Boys	Traffic calming &/or raised pedestrian crossing	2008	441	School Safety Review Priority 2	School Review	B	Hayberry	78	\$20,000	\$185,000
Burton Street, immediately adjacent to St Aloysius Junior School	Convert existing flush crossing to raised crossing	2008	441	School Safety Review Priority 2	School Review	F	Milson/Bradfield	78	\$20,000	\$205,000
Balls Head Road, at Waterhen Driveway	Concrete median (or other) to prevent southbound vehicles cutting the corner.	2005		Design investigation 2006/2007. Precinct not happy with proposal. Further consultation required.	Waverton Precinct	A	Waverton	77	\$30,000	\$235,000
Milner Crescent, Russell St to Shirley Rd	Extend the centreline linemarking	2005			Wollstonecraft Precinct	A	Wollstonecraft	77	\$2,000	\$237,000
Amherst Street, at West Street	Modify the roundabout to increase the mountable annulus	2008			STA	C	Bridgeview	77	\$20,000	\$257,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Spofforth Street, at Rangers Road	Traffic signals	2008		Costly	Cremorne Point Precinct	E	Harrison	77	\$150,000	\$407,000
Earle Street, at Young Street	Central median island on Earle Street	2008			Resident	D	Parks	76	\$10,000	\$417,000
Atchison Street, at Alexander Street	Roundabout	2008	437		TC Recommendation	B	Holtermann	76	\$80,000	\$497,000
Cranbrook Street, near SCECGS Redlands Junior School	Convert flush crossing to raised crossing	2008	441	School Safety Review Priority 2	School Review	E	Harrison	75	\$20,000	\$517,000
Hospital Lane, approach to community centre	Speed hump	2009	447	75mm speed hump to minimise impact on elderly	Crows Nest Centre	B	Holtermann	74	\$20,000	\$537,000
Elamang Avenue, Carabella Street, Peel Street, Willoughby Street, McDougall Street	12P Mon - Sun parking restrictions (to remove boats)	2008	442		Clr Gibson & resident survey	F	Milson/Bradfield	72	\$4,000	\$541,000
Montpellier St, entire length	Traffic calming	2009	446		Petition	E	Neutral	72	\$20,000	\$561,000
Edward Street, at Berry St	Install landscaping to highlight speed humps are not pedestrian crossings	2007	425	Pedestrian facility review. Liaising with OSES	University	A	Edward	72	\$2,000	\$563,000
Carlow Street	Parking reconfigure to angle parking OR traffic calming	2007		Parking reconfigure does not result in additional parking	Hayberry Precinct	B	Hayberry	72	\$8,000	\$571,000
West Street, south of Falcon Street	Raised pedestrian crossing or speed cushions	2009	447		Resident	B	Hayberry	71	\$20,000	\$591,000
West Street, south of Hayberry Street	Raised pedestrian crossing or speed cushions	2009	447		Resident	B	Hayberry	71	\$20,000	\$611,000
Myrtle Street, at the Pacific Highway, near North Sydney Girls	Install pedestrian crossing or refuge	2008	441	School Safety Review Priority 3	School Review	B	Hayberry	71	\$20,000	\$631,000
Ben Boyd Road, Lindsay Street to Undercliff Street	Traffic calming	2009	443 & 445		Petition	E	Neutral	71	\$50,000	\$681,000
Alfred Street, near the Chinese Church	Pedestrian facility	2009	446		Resident	G	Lavender Bay	71	\$15,000	\$696,000
Shirley Road, Newlands St to train station	Traffic calming - chicanes? Kerb blisters & linemarking	2005	407	85%ile = 57 km/h. Resident opposition to speed cushions 2008	Resident	A	Wollstonecraft	70	\$20,000	\$716,000
Bay Road, entire length	Traffic calming	2006			Waverton Precinct	A	Waverton	69	\$20,000	\$736,000
Bent Street, at Winter Ave	Pedestrian crossing	2007			Walking Volunteers	E	Neutral	68	\$20,000	\$756,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Carabella Street, at Burton Street	Raised pedestrian crossing	2009			Milson Precinct	F	Milson/Bradfield	68	\$20,000	\$776,000
Burton Street, at Broughton Street near St Aloysius Junior School	Convert existing flush crossing to raised crossing	2008	441	School Safety Review Priority 3	School Review	F	Milson/Bradfield	68	\$20,000	\$796,000
Young Street, at Grasmere Rd	Increase the mountable area of the roundabout and move guardrail	2008		This has been investigated previously. It would require the reconstruction of the entire roundabout	STA	D	Parks	67	\$40,000	\$836,000
McHatton Street, near North Sydney Dem School	Traffic calming	2008	441	School Safety Review Priority 2	School Review	A	Edward	67	\$20,000	\$856,000
Shirley Road, west of railway bridge	Pedestrian safety/ device	2007		3437 Council	Clr Ritten	A	Wollstonecraft	66	\$5,000	\$861,000
Brothers Ave, near Tunks Park	Traffic calming, particularly to slow bicycles	2008	438		Residents	C	Bay	66	\$20,000	\$881,000
High Street, midblock Clark Rd & Freeway	Pedestrian refuge	2007			Resident	E	Anderson	66	\$15,000	\$896,000
Alexander Street, at Burlington Street	Pedestrian crossing on western side	2007			Hayberry Precinct	B	Holtermann	65	\$20,000	\$916,000
Balls Head Drive, Shared Zone loop	Investigate the effectiveness of the shared zone arrangement	2006			Waverton Precinct	A	Waverton	65	\$20,000	\$936,000
Atchison Street, at Alexander St	Traffic calming	2007			Holtermann Precinct	B	Holtermann	64	\$15,000	\$951,000
Blues Point Rd, at Princess St	Pedestrian refuge	2007			Union Precinct	G	Union	64	\$6,000	\$957,000
Balls Head Road, entire length	Edgeline linemarking/ possibly combined with removal of parking on western side/ bike lane	2009			Waverton Precinct	A	Waverton	64	\$5,000	\$962,000
West Street, entire length	Traffic calming (?) to address possible increases in traffic volumes associated with Crows Nest retail development	2009			Registry Precinct	B	Registry	64	\$20,000	\$982,000
Christie Street, at Chandos St	Improved pedestrian facility	2008			Resident	B	Holtermann	63	\$10,000	\$992,000
Edward Street, at Bay Rd	Convert coloured threshold into pedestrian refuge	2007	426		Traffic Engineer	A	Edward	62	\$20,000	\$1,012,000
McDougall St, adjacent to Milson Park	Broken centreline	2008			Precinct	F	Milson/Bradfield	62	1000	\$1,013,000
Oxley Street, at Christie Street	Pedestrian refuge	2008	441		Lane Cove Resident	A	Wollstonecraft	61	\$10,000	\$1,023,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Lavender Street, entire length	Traffic calming	2009	446		Resident	G	Lavender Bay	61	\$40,000	\$1,063,000
Martens Lane, entire length	Shared Zone	2006			Brightmore Precinct	D	Brightmore	60	\$15,000	\$1,078,000
Cooper Lane, entire length	Shared Zone	2006			Brightmore Precinct	D	Brightmore	60	\$15,000	\$1,093,000
Waters Lane, entire length	Shared Zone	2006			Brightmore Precinct	D	Brightmore	60	\$15,000	\$1,108,000
Waiwera Street, near No. 40	Speed hump	2008			Lavender Bay Precinct	G	Lavender Bay	60	\$20,000	\$1,128,000
River Road, at Boronia St	Pedestrian refuge	2006			Clr Zimmerman	A	Wollstonecraft	59	\$6,000	\$1,134,000
Russell St, intersection on the end of the centre nature strip	Pedestrian refuge	2005			Wollstonecraft Precinct	A	Wollstonecraft	59	\$6,000	\$1,140,000
Willoughby Road, at Holtermann St	Lower the raised pedestrian crossing	2008			Mainstreet	B	Holtermann	59	\$20,000	\$1,160,000
Wonga Road, at Brightmore Park	wombat threshold just prior to park	2005		Precinct do not support	Resident	D	Willoughby Bay	59	\$15,000	\$1,175,000
Barry Lane, entire length	Shared Zone	2007	425		Resident	E	Neutral	59	\$20,000	\$1,195,000
Morton Street, at Hazelbank Street	Traffic calming &/or kerb blisters to increase sight distance	2009	443		Cyclist	A	Wollstonecraft	59	\$15,000	\$1,210,000
Florence Street	Traffic calming	2009 & 2006	443	85%ile = 51km/h	Petition	E	Bennett	59	\$20,000	\$1,230,000
Barry Street, at Yeo Street	Raised threshold on approach to intersection	2009	446		Accident Analysis	E	Neutral	59	\$20,000	\$1,250,000
Bay Road, between Pacific Highway & Edward St	Additional raised threshold	2005			Edward Precinct	A	Edward	58	\$15,000	\$1,265,000
Spofforth St, at Holt St	Roundabout	2007		Would have to be in conjunction with Mosman Council	Resident	E	Harrison	58	\$50,000	\$1,315,000
Waterhen Drive	Installation of footpath	2006		Not generally funded from Traffic Strategy funding	Waverton Precinct	A	Waverton	58	\$100,000	\$1,415,000
Gas Works Road, northern side	Footpath at Walumetta Drive	2006		Not generally funded from Traffic Strategy funding	Waverton Precinct	A	Waverton	58	\$150,000	\$1,565,000
Burlington Ln, Both ends	Threshold				Holtermann Precinct	B	Holtermann	57	\$15,000	\$1,580,000
Kurraba Road, between Alfred Street North & Clark Road	Traffic calming	2007	423		Anderson Precinct	E	Anderson	57	\$20,000	\$1,600,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Bannerman Street, Shellcove Rd to Guthrie Ave	Traffic calming	2007	427		Resident	E	Bennett	57	\$20,000	\$1,620,000
Kurraba Road, adjacent to Spruson	Traffic calming	2007			Resident	E	Hayes	57	\$20,000	\$1,640,000
Premier St, entire length	Traffic calming	2007			Resident	E	Neutral	57	\$20,000	\$1,660,000
Boronia Street, at the curve in the road	Traffic calming	2009			Residents	A	Wollstonec	57	\$20,000	\$1,680,000
Balls Head Road, at Balls Head Drive	Traffic calming/ intersection re-design	2006		Design investigation 2006/2007. Precinct not happy with proposal. Further consultation required.	Waverton Precinct	A	Waverton	56		\$1,680,000
Balls Head Road, at Wood Street	Traffic calming/ intersection re-design	2006		Design investigation 2006/2007. Precinct not happy with proposal. Further consultation required.	Waverton Precinct	A	Waverton	56		\$1,680,000
Balls Head Road, at Wood Street	Pedestrian refuges (both sides of intersection)	2005			Waverton Precinct	A	Waverton	56	\$6,000	\$1,686,000
Kurraba Road, adjacent to Spruson	Review pedestrian refuge	2007	424		Clr Gibson	E	Hayes	56	\$6,000	\$1,692,000
Lavender Street, at Arthur Street	Pedestrian facility	2005 & 2009	446	May be excessive considering other ped facilities in area	Resident	G	Lavender Bay	56	\$6,000	\$1,698,000
Woolcott Street, entire length	Traffic calming	2005	411	Accident at Merret playground	Clr Burke	A	Waverton	55	\$15,000	\$1,713,000
Anzac Ave, North of Cammeray Ave	Kerb blister				Registry Precinct	B	Registry	55	\$6,000	\$1,719,000
Walker St, at Ridge St	Pedestrian crossing	2004			Stanton Precinct	B	Stanton	55	\$15,000	\$1,734,000
Palmer Street, at School	Pedestrian fence	2007			Clr Predavec & School	C	Plateau	55	\$15,000	\$1,749,000
Florence Street, Spofforth Street	No Right Turn - MIST				Bennett Precinct	E	Bennett	55	\$6,000	\$1,755,000
Ben Boyd Road, at Aubin Street	Kerb blister at the existing traffic island with a gap in the middle	2009			Resident	E	Hayes	55	\$5,000	\$1,760,000
Ben Boyd Road, at Phillips Street	Kerb blister on the eastern side at the existing traffic island with a gap in the middle	2009			Resident	E	Neutral	55	\$5,000	\$1,765,000
Ben Boyd Road, at Premier Street	Kerb blisters at the existing traffic island with a gap in the middle	2009			Resident	E	Neutral	55	\$10,000	\$1,775,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Gerard Lane, at Benelong Road	Modifications to the the laneway to improve sight distance at the intersection	2009	445		Resident	D	Brightmore	54	\$15,000	\$1,790,000
Park Avenue, Sutherland Street to Oaks Avenue	Traffic calming	2009			Clr Barbour	D	Parks	54	\$20,000	\$1,810,000
Grafton Street, near 16 Grafton Street	Traffic calming, particularly to slow vehicles so they don't "miss" the curve in the road at this location	2008			Resident	D	Parks	54	\$20,000	\$1,830,000
Yeo Street, at May Lane	Kerb blisters to allow vehicles further into intersection with Yeo Street	2008			Strata at 40 Yeo	E	Neutral	54	\$10,000	\$1,840,000
Alfred Street, near Bent Street	Traffic calming	2008			Residents	E	Neutral	54	\$20,000	\$1,860,000
Mitchell Street, just prior to intersection with Queens Avenue	Speed hump to slow vehicles on approach to intersection	2009	445		Resident	G	Union	54	\$20,000	\$1,880,000
Reynolds Street, near 21 Reynolds St	Speed hump	2008	432		Resident	D	Brightmore	53	\$20,000	\$1,900,000
View St, at Earle St	Modify kerb return, to stop cars speeding around the corner	2005			Parks Precinct	D	Parks	53	\$10,000	\$1,910,000
Rawson Street, entire length	Traffic calming	2006			Anderson Precinct	E	Anderson	53	\$20,000	\$1,930,000
Kareela Road, at Hodgson Avenue	Traffic island to prevent cars "cutting" corner	2008			Cremorne Point Precinct	E	Cremorne Point	53	\$10,000	\$1,940,000
West Street, west side, north of pedestrian crossing at Ridge Street	Traffic islands to stop vehicles blocking sight distance to pedestrians at laneway	2008			Hayberry Precinct	B	Hayberry	52	\$10,000	\$1,950,000
Sutherland St, between Young St and Ben Boyd Road	Traffic calming	2008	442		Residents	D	Parks	52	\$15,000	\$1,965,000
Ernest Street, Park Ave to Freeway/Miller St	Landscaped median island, narrowed lanes, parking lanes	2007			Resident	D	Parks	51	\$100,000	\$2,065,000
Balls Head Road, entire length	Greater definition of verges. K&G	2006		Not generally funded from Traffic Strategy funding	Waverton Precinct	A	Waverton	51	\$200,000	\$2,265,000
Balls Head Road, at Waterhen Driveway	Traffic calming/ intersection re-design	2006			Waverton Precinct	A	Waverton	50	\$15,000	\$2,280,000
Russell Street, south of railway bridge	Concrete median to prevent u-turns	2007	425		Resident	A	Wollstonecraft	50	\$5,000	\$2,285,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Grasmere Lane, entire length	Traffic calming	2006			Resident	D	Brightmore	50	\$20,000	\$2,305,000
Ben Boyd Rd, at Belgrave St	Kerb blisters	2008	437		Resident	D	Parks	50	\$15,000	\$2,320,000
Eaton Street, entire length	Chicanes	2006			Resident	E	Anderson	50	\$20,000	\$2,340,000
Kareela Lane, entire length	Shared Zone	2006			Cremorne Point Precinct	E	Cremorne Point	50	\$20,000	\$2,360,000
Cremorne Rd, entire length	Calm traffic, speed humps				Resident	E	Cremorne Point	50	\$8,000	\$2,368,000
Spofforth St, entire length	Traffic Calming	2006		Would have to be in conjunction with Mosman Council	Resident	E	Harrison	50	\$20,000	\$2,388,000
Spofforth St, at Rangers Rd	Speed humps either side of intersection	2006		Would have to be in conjunction with Mosman Council	Resident	E	Harrison	50	\$20,000	\$2,408,000
Henry Lawson Avenue, roundabout	Modify/ reduce roundabout on southern side of island	2008			STA	G	Lavender Bay	50	\$15,000	\$2,423,000
Henry Lawson Ave, "tear drop" near ferry wharf	Remove last 18m of landscape island or trim the island by 0.5m along last 18m	2008			STA	G	Lavender Bay	50	\$15,000	\$2,438,000
Chuter St, entire length	Traffic Calming/ Shared Zone	2004		Shared Zone designed 2006/2007. Resident opposition.	Union Precinct	G	Union	50	\$20,000	\$2,458,000
Mitchell St, entire length	Traffic calming				Resident	G	Union	50	\$14,000	\$2,472,000
Russell St, Intersection of Milner Cres	Pedestrian refuge	2004		Cars cut the corner	Wollstonecraft Precinct	A	Wollstonecraft	49	\$6,000	\$2,478,000
Clarke Street, south of Hume Street	Pedestrian refuge	2005		Cars from Willoughby Road have shortened sight distance	Childcare Centre & Holtermann Precinct	B	Holtermann	49	\$6,000	\$2,484,000
Chandos St, at Mitchell St	Pedestrian refuge	2005			Stanton Precinct	B	Holtermann	49	\$6,000	\$2,490,000
Alan St, Stratford St to Cammeray Rd	Traffic calming	2009	445		Resident	C	Bay	49	\$20,000	\$2,510,000
Reynolds Street, at intersection with Waters Road, Illilliwa Street and Grasmere Road	Roundabout or intersection treatment	2009			Resident	D	Brightmore	49	\$80,000	\$2,590,000
Sutherland Street, at Ben Boyd Road	Pedestrian refuge on eastern side of intersection with Stop sign installed in island	2009		A number of residents have commented that vehicles don't stop at the intersection	Resident	D	Parks	49	\$10,000	\$2,600,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Mount Street, at Edward Street	Roundabout/ raised intersection	2007		Roundabout may not physically suit intersection	Edward Precinct	A	Edward	48	\$50,000	\$2,650,000
Ridge Street, Mid-block	Threshold	2003	396		Hayberry Precinct	B	Hayberry	48	\$15,000	\$2,665,000
Russell Street, near driveway 1-5 Russell St	Traffic calming prior to driveway	2007			Resident	A	Wollstonecraft	47	\$15,000	\$2,680,000
Belmont Avenue, near Bridge End	Traffic calming	2007			Resident	A	Wollstonecraft	47	\$20,000	\$2,700,000
Clarke Street, at childcare centre	Pedestrian refuge	2006			Holtermann Precinct	B	Holtermann	47	\$6,000	\$2,706,000
Atchison Lane, entire length	Traffic Calming, shared zone	2006			Resident	B	Holtermann	47	\$20,000	\$2,726,000
Alexander Street, Between Albany St & Chandos St	Traffic Calming	2005	408		Holtermann Precinct	B	Holtermann	47	\$20,000	\$2,746,000
Alfred St Nth, South of Whaling Road	Kerb Extensions, linemarking				Anderson Precinct	E	Anderson	47	\$10,000	\$2,756,000
Spofforth St, near Florence St	Traffic calming device - MIST				Resident	E	Bennett	47	\$12,000	\$2,768,000
Bent Street, entire length	Traffic calming	2005	411		Neutral Precinct	E	Neutral	47	\$20,000	\$2,788,000
Wyagdon Street St, at Alfred St North	MIST				Neutral Precinct	E	Neutral	47	\$6,000	\$2,794,000
Carlow Street, Mid-block	Threshold (similar to Hayberry)	2003	396		Hayberry Precinct	B	Hayberry	46	\$15,000	\$2,809,000
Bellevue Street, between Palmer St & Amherst St	Pedestrian facilities	2005			Resident	C	Plateau	46	\$6,000	\$2,815,000
Laneways	Laneway upgrades, particularly now that more houses "face" the laneways	2009			Registry Precinct	B	Registry	46		\$2,815,000
Murdoch Street, at Bannerman Street	Modifications to the islands in association with the roundabout, to improve pedestrian access	2009	445		Resident	E	Bennett	46	\$15,000	\$2,830,000
Spofforth St, north of Florence Street	Kerb blister	2008	431		Resident	E	Bennett	45	\$15,000	\$2,845,000
Kurraba Rd, entire length	Calm Traffic				Hayes Precinct	E	Hayes	44	\$20,000	\$2,865,000
High St (49-51), South side, east of expressway on-ramp	Bus bay, 2 free flow lanes to be kept free			Costly	Milson/Bradfield	F	Milson/Bradfield	44		\$2,865,000
Winnie Street, at Gerard Lane	Traffic calming to slow vehicles at the corner	2008			Resident	D	Brightmore	44	\$20,000	\$2,885,000
Kurraba Road, at Alfred	Kerb blister to slow vehicles entering Kurraba Road	2008	442	85th percentile = 40km/h	Resident	E	Anderson	44	\$10,000	\$2,895,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Belmont Avenue, entire length	Traffic calming	2006 & 2008	418	85%ile = 49 km/h	Resident & Precinct	A	Wollstonecraft	43	\$20,000	\$2,915,000
River Road, at Boronia St	Modify kerb return to allow easier access into Boronia St	2007			Clr Ritten	A	Wollstonecraft	43		\$2,915,000
Carlyle St, entire length	Raised threshold/s	2006			Resident	A	Wollstonecraft	43	\$20,000	\$2,935,000
West Street, Mid-block	Threshold	2003	396		Hayberry Precinct	B	Hayberry	43	\$15,000	\$2,950,000
Anzac Ave, between Ernest St & Cammeray Ave (at Club entrance)	Threshold				Registry Precinct	B	Registry	43	\$20,000	\$2,970,000
Cammeray Road, entire length	Traffic calming	2006			Bay Precinct	C	Bay	43	\$30,000	\$3,000,000
Palmer St, entire length	Traffic Calming	2006			Resident	C	Bridgeview	43	\$20,000	\$3,020,000
Benelong Rd, at Brightmore St	Threshold (northern side)	2005			Resident	D	Brightmore	43	\$20,000	\$3,040,000
Waters Road, at Winnie St	Roundabout	2005			Parks Precinct	D	Brightmore	43	\$50,000	\$3,090,000
Waters Road, intersection with Reynolds St & Grasmere Rd	Roundabout	2005	409		Resident	D	Brightmore	43	\$50,000	\$3,140,000
Young Street, Sutherland St to Grasmere Rd	Traffic Calming, pedestrian refuge	2005			Resident	D	Parks	43	\$20,000	\$3,160,000
Macpherson St, at Wyong Rd/Ellalong Rd	Roundabout	2006			Willoughby Bay Precinct	D	Willoughby Bay	43	\$50,000	\$3,210,000
Shellcove Rd, at Wycombe Rd	Extend kerb return to prevent vehicles speeding into Shellcove Rd	2006			Resident	E	Bennett	43	\$5,000	\$3,215,000
Bannerman Street, entire length	Traffic calming	2005			Resident	E	Bennett	43	\$20,000	\$3,235,000
Spofforth St, intersection with Cabramatta Rd	Roundabout	2005		Would have to be in conjunction with Mosman Council	Resident	E	Harrison	43	\$50,000	\$3,285,000
Alfred Street North, south 433 Alfred Street	Speed hump	2006			Resident	E	Neutral	43	\$15,000	\$3,300,000
Barry Lane, entire length	Traffic calming	2005			Resident	E	Neutral	43	\$20,000	\$3,320,000
Carabella St, at Kirribilli Ave	Modify intersection to reinforce one-way restriction	2005			Resident	F	Milson/Bradfield	43	\$5,000	\$3,325,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Kirribilli Ave, at Broughton St	Modify intersection to reinforce one-way restriction	2005			Resident	F	Milson/Bradfield	43	\$5,000	\$3,330,000
Waiwera Street, at East Crescent Street	Chicane/ kerb blister to prevent people illegally turning into East Crescent St and then into Middle St	2008 & 2005			Lavender Bay Precinct & Resident	G	Lavender Bay	43	\$15,000	\$3,345,000
Ben Boyd Road, at Ernest St/ Belgrave St/ Oaks Ave	Pedestrian safety, pedestrian refuge	2005	407		Parks Precinct	D	Parks	42	\$6,000	\$3,351,000
Montague Street	Cats eyes	2008			Willoughby Bay Precinct	D	Willoughby Bay	42	\$3,000	\$3,354,000
Bays Road, intersection at Balls Head Road/ Woolcott Street/ Horace Street	Roundabout	2009		High cost. 0 accidents 2003 - 2007	Waverton Precinct	A	Waverton	42	\$80,000	\$3,434,000
Oxley Street, Lithgow Street to Christie Street	Traffic Calming	2008	441		Lane Cove Resident	A	Wollstonec	42	\$20,000	\$3,454,000
Cammeray Road, west of Park Avenue	Chicane or reinstall "higher" speed humps	2009			Resident	C	Plateau	42	\$40,000	\$3,494,000
Pedestrian Links, between Benelong Rd/ Reynolds St	Improve pedestrian links			Referred to Pedestrian Sub-Committee	Brightmore Precinct	D	Brightmore	41		\$3,494,000
Wycombe Rd, south of Harrison St	Traffic island to allow vehicles to nose out into intersection	2008			Resident	E	Harrison	41	\$5,000	\$3,499,000
Chandos Street, at Christie Street	Pedestrian fencing to force pedestrians to cross at safer locations at roundabout controlled intersection	2009	446		Accident Analysis	B	Holtermann	41	\$10,000	\$3,509,000
Dind Street, at Alfred Street	Adjust kerb returns	2004		Sight distance issue seeing past the Luna Park sign	Lavender Bay Precinct	G	Lavender Bay	40	\$6,000	\$3,515,000
Nook Avenue	Traffic calming	2008			Resident	E	Anderson	39	\$20,000	\$3,535,000
Crows Nest Road, at Harriott St	Kerb nib - stop vehicles parking illegally & block sight distance	2005			Edward Precinct	A	Edward	38	\$4,000	\$3,539,000
West Street, at Church Street	Kerb nibs to create T-Intersection	2007			Clr Marchandeanu	B	Stanton	38	\$15,000	\$3,554,000
Vale Street, at Abbott	MIST	2005			Bridgeview Precinct	C	Bridgeview	38	\$10,000	\$3,564,000
Carter Street, Cammeray	Speed hump/s	2005			Resident	C	Plateau	38	\$30,000	\$3,594,000
Cammeray Road, between Warringa Rd & Park Avenue	Traffic Calming	2005			Parks Precinct	C	Plateau	38	\$30,000	\$3,624,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Grasmere Rd, at Benelong Rd	MIST	2005			Resident	D	Brightmore	38	\$10,000	\$3,634,000
Earle St, at View St	Crash barrier opposite intersection (armco style)	2007			RTA	D	Parks	38	\$10,000	\$3,644,000
Powell Street, at Burroway	Threshold entrance treatment	2007	425		Resident	E	Bennett	38	\$15,000	\$3,659,000
Murdoch Street, at Iredale Avenue	Traffic islands to improve sight distance	2006			Resident	E	Bennett	38	\$10,000	\$3,669,000
Kurraba Road, intersection with Clark Road	Reduce motorist confusion as to who has right of way	2005			Hayes Precinct	E	Hayes	38	\$15,000	\$3,684,000
Kareela Rd	Traffic calming			Subject to consultation with precinct	Cremorne Point Precinct	E	Cremorne Point	37	\$8,000	\$3,692,000
Princes St, at Blues Point Rd	Pedestrian refuge	2004			Union Precinct	G	Union	37	\$5,000	\$3,697,000
Langley Avenue, south of Gerard Street	Kerb blister to prevent vehicles turning into Langley Avenue from Gerard Street	2009			Resident	D	Brightmore	37	\$10,000	\$3,707,000
High Street, at Alfred Street	Convert the existing "tear drop" to a roundabout to allow access from Kirribilli to Alfred Street North	2009			Clr Christie	F	Milson/Bradfield	37	\$30,000	\$3,737,000
Ross Street, entire length	Traffic calming	2007			Resident	A	Waverton	35	\$15,000	\$3,752,000
Brightmore St, at south-western intersection with Benelong Rd	Intersection redesign	2007	424		Resident	D	Brightmore	35	\$20,000	\$3,772,000
Wulworra Avenue, adjacent to 7 Wulworra	New K&G or "armco" type barrier	2008		To protect damage to fence. 1.5m drop to private property	Resident	E	Cremorne	35	\$10,000	\$3,782,000
Christie St	Replace the non-standard guardrail	2008			RTA	B	Holtermann	33	\$15,000	\$3,797,000
Parraween St	Concrete island at 74/76 Parraween to stop vehicles blocking driveway	2006			Resident	D	Brightmore	33	\$6,000	\$3,803,000
Alfred Street North, adjacent to southbound off-ramp and Kurraba Road	Higher median island to stop vehicles "jumping" the existing median	2005	411		Clr Ritten	E	Anderson	33	\$10,000	\$3,813,000
Harriette St, at rear of 56 Shellcove Rd	~40m guardrail	2006	415		Resident	E	Bennett	33	\$8,000	\$3,821,000
Shirley Road, at Belmont Ave/ Milner Cres	Roundabout	2005			Resident	A	Wollstonecraft	31	\$50,000	\$3,871,000
Clark Road, laneway adjacent to Margaret Street (Lower Margaret St)	Adjust concrete islands to include gap	2004 & 2008			Resident	E	Anderson	30	\$6,000	\$3,877,000

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Short Street	Traffic island/ garden bed (greenery)	2009		May result in a loss of parking	Edward Precinct	A	Edward	30	\$5,000	\$3,882,000
Teloepa St, at Milray Ave	Roundabout	2005			Wollstonecraft Precinct	A	Wollstonecraft	28	\$50,000	\$3,932,000
Grafton Street, at Cammeray Road	Hazardous left turn	2005			Plateau Precinct	C	Plateau	28	\$10,000	\$3,942,000
Parraween Street, at Paling Street	Kerb blister (improve sight distance)	2005			Resident	D	Brightmore	28	\$10,000	\$3,952,000
Yeo Street, Ben Boyd Rd to Bydown St	Kerb blister around leaning street tree	2008			Insurance Group	E	Neutral	28	\$5,000	\$3,957,000
Carabella St, at Peel St	Concrete island to prevent vehicles parking illegally in No Stopping	2006			Resident	F	Milson/Bradfield	28	\$4,000	\$3,961,000
Woolcott Street, at Bay Road	Kerb blisters to allow increased sight distance	2009	444	Precinct do not support/ low priority	Resident	A	Waverton	28	\$10,000	\$3,971,000
Depot Lane, western side	Modify kerb alignment to allow for five additional parking spaces	2006	417		Resident	B	Registry	23	\$15,000	\$3,986,000
Ormiston Avenue, at Neutral Street	Threshold	2004			Resident	E	Anderson	23	\$15,000	\$4,001,000
Wycombe Lane, at Hayes St	Concrete island to prohibit parking	2006	416		Resident	E	Hayes	23	\$5,000	\$4,006,000
Kurraba Road, at Billong Street (eastern side)	Concrete blister, make exiting garage of 142 Kurraba Rd easier	2005			Kurraba Precinct	E	Kurraba	23	\$5,000	\$4,011,000
Anderson Street	Angle parking and streetscape improvements	2009	443		Resident	E	Neutral	22		\$4,011,000
Edward Street, at 17 Edward Street	Remove garden beds to create parking	2009	446		Resident	A	Edward	20	\$5,000	\$4,016,000
Shirley Road, at Belmont Ave/ Milner Cres	Speed hump/threshold	2005			Resident	A	Wollstonecraft	18	\$15,000	\$4,031,000
Harbourview Crescent, at dead-end	Turning circle	2007		Request from Kirribilli Club to improve access to the Club	Kirribilli Club	G	Lavender Bay	18	\$50,000	\$4,081,000
Projects Carried Forward From 2008/2009 (As already adopted by Council)										
Grasmere Road, Park Ave to Young St	Traffic calming	2008	445	Council resolved to defer 25/5/09	Resident petition	D	Parks	N/A	\$15,000	
Holtermann St, at Alexander St	Roundabout		444	Out to Tender. Approved at Council meeting 23/3/09.	Holtermann Precinct	B	Holtermann	N/A		
Walker Street, at Ridge Street	Raised threshold entire intersection or prior to intersection to stop u-turns	2008	445	Council resolved to defer 25/5/09	Stanton Precinct	B	Stanton	N/A	\$20,000	

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Projects requiring further investigation &/or funding from another source										
16 Mount Street development	Pedestrian Facilities	2007		DA condition - developer to pay for works	Edward Precinct	A	Edward	N/A		
Atchison St, at Christie St	Improve traffic island to deter illegal right turn	2004		Works to be considered with St Leonards Public Domain Strategy	Holtermann Precinct	B	Holtermann	N/A	\$10,000	
Atchison St, at Oxley St,	Intersection treatment & pedestrian refuges on all sides of intersection			Works to be considered with St Leonards Public Domain Strategy	Holtermann Precinct	B	Holtermann	N/A		
Carabella St, at Fitzroy St	Change pedestrian crossing to raised pedestrian crossing	2007		Partly funded by developer (\$10K developer \$10K Council). Pedestrian facility review	Traffic Engineer	F	Milson/Bradfield	N/A	\$10,000	
Chandos Ln	Traffic calming in lanes/ Shared Zone			Being considered as part of Streetscape works	Holtermann Precinct	B	Holtermann	N/A		
Chandos St, at Alexander St	Traffic Signals, including signalised pedestrian crossings			Under investigation. RTA Funding applied for. Holtermann Precinct support 12/5/09.	Holtermann Precinct	B	Holtermann	N/A		
Ernest Ln	Traffic calming in lanes/ Shared Zone			Being considered as part of Streetscape works	Holtermann Precinct	B	Holtermann	N/A		
Falcon Ln	Traffic calming in lanes/ Shared Zone			Being considered as part of Streetscape works	Holtermann Precinct	B	Holtermann	N/A		
Gerard St, at Macpherson Street	Improve safety of pedestrian crossing	2006		Potential 50:50 funding with RTA for pedestrian signals	Traffic Engineer	D	Brightmore	N/A	\$30,000	
Oxley St, at Atchison St	Pedestrian refuges			Works to be considered with St Leonards Public Domain Strategy	Resident	B	Holtermann	N/A		
Richmond Avenue and Ellalong Road	Remove centrelines	2009		Alternative to be explored is making Ellalong Road one-way on the two split levels	Willoughby Bay Precinct	D	Willoughby	N/A		
Walker St, outside School	Convert existing flush crossing to raised crossing - Council previously resolved School to pay. Given vehicle speeds, Council could consider paying?		372, 441	School Safety Review Priority 2	Stanton Precinct, School Review	B	Stanton	N/A	\$15,000	
Willoughby Road, at Atchison Street	Pedestrian refuges OR crossing (north OR south) particularly to access bus stops	2008		Works at intersection to be undertaken by developer	Holtermann Precinct	B	Holtermann	N/A	\$10,000	\$175,000
Willoughby Road, at Atchison Street	Roundabout	2009	446	DA condition for 101 Willoughby Road	Accident Analysis	B	Holtermann	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Willoughby Road, at Clarke Street	Threshold	2004		Works to be funded by Streetscape	Streetscape	B	Holtermann	N/A		
Willoughby Road, at Holtermann St	Threshold	2004		Works to be funded by Streetscape	Streetscape	B	Holtermann	N/A		
Projects referred to the RTA for investigation - Standing Items on Traffic Committee										
Alexander Street, Crows Nest, at Falcon Street	Right turn phase and signal for northbound vehicles on Alexander Street	2009	444	Standing item on Traffic Committee agenda (09/5).	Resident	B	Holtermann	N/A		
Bay Road, North Sydney, North Sydney Demonstration School	Lobby the RTA to install flashing 40km/h School Zone signage on Bay Road.	2008	441	Standing item on Traffic Committee agenda (08/9)	School Review	A	Edward	N/A		
Ben Boyd Road and Yeo Street, Neutral Bay, Neutral Bay Public School	Lobby the RTA to install flashing 40km/h School Zone signage on Bay Road.	2008	441	Standing item on Traffic Committee agenda (08/10).	School Review	E	Neutral	N/A		
Benelong Road, at Gerard Street	Red phase for south-eastbound vehicles whilst pedestrians crossing	2006	420	RTA may introduce flashing amber signal. Standing item on Traffic Committee agenda. (H06/5)	Resident	D	Brightmore	N/A		
Berry Street, at Miller St	Suggested trial "Dwell on Red" road safety initiative			Standing item on Traffic Committee agenda (07/1).	Road Safety Officer	B	Stanton	N/A		
Berry Street, North Sydney, at the Pacific Highway	Concerns vehicles not stopping for the signalised pedestrian crossing across Berry Street.	2008	441	Standing item on Traffic Committee agenda (08/11).	Childcare centre	B	Stanton	N/A		
Blues Point Road, at Blue St	Left turn lane and right turn lane for northbound vehicles on Blues Point Road, into Blue Street. Turn phases with traffic signals.	2008	440	Standing item on Traffic Committee agenda (08/4).	Union Precinct	G	Union	N/A		
Blues Point Road, at Lavender Street/ Union Street	Right turn phase northbound into Lavender St & southbound into Union Street	2008	440	Standing item on Traffic Committee agenda (08/5).	Union Precinct	G	Union	N/A		
Blues Pt Rd, at Lavender/ Union Street	Pedestrian phase (southern side) at traffic signals	2006	423	Standing item on Traffic Committee agenda (06/10). RTA have advised that this is warranted and they are undertaking detailed investigation.	Lavender Bay/ Union	G	Union	N/A		
Burton Street, Kirribilli, St Aloysius College Junior	Lobby the RTA to install flashing 40km/h School Zone signage on Burton Street.	2008	441	Standing item on Traffic Committee agenda (08/12)	School Review	F	Bradfield	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Carabella Street, Kirribilli , Loreto Junior and Senior Schools	Lobby the RTA to install flashing 40km/h School Zone signage on Carabella Street.	2008	441	Standing item on Traffic Committee agenda (08/13)	School Review	F	Bradfield	N/A		
Carlow Street, North Sydney, North Sydney Boys High School	Lobby the RTA to install flashing 40km/h School Zone signage on Carlow Street.	2008	441	Standing item on Traffic Committee agenda (08/14).	School Review	B	Hayberry	N/A		
Chandos St, at Alexander St	Traffic Signals	2004	404	Standing item on Traffic Committee agenda (H04/3). RTA Funding applied for	Holtermann Precinct	B	Holtermann	N/A		
Chandos Street, at Willoughby Road	Pedestrian crossing on northern side of signalised intersection	2008	440	Standing item on Traffic Committee agenda (08/6).	Holtermann Precinct	B	Holtermann	N/A		
Christie Street, at Sergeants Lane/ Atchison St	Pedestrian signals	2005		Standing item on Traffic Committee agenda (H05/1). There are 800 pedestrians crossing at this location in the peak. RTA have approved concept. Funding applied for.	Council	B	Holtermann	N/A		
David Street and Myrtle Street, North Sydney, North Sydney Girls High School	Lobby the RTA to install flashing 40km/h School Zone signage on David Street and Myrtle Street.	2008	441	Standing item on Traffic Committee agenda (08/15).	School Review	B	Hayberry	N/A		
Ennis Road, Kirribilli, Footpath from Ennis Road to High Street	Trip hazards on footpath		####	Standing item on Traffic Committee agenda (08/7)	Resident	F	Milson	N/A		
Ernest Street, between Big Bear and Miller (near Merlin)	Pedestrian Crossing	2006		Standing item on Traffic Committee agenda (06/1). RTA do not intend to do as part of LCT LATM works at this stage	Clr Marchandea u	D	Parks	N/A		
Ernest Street, Cammeray, at Ben Boyd Road	Concrete median at signalised intersection		19/8/05, 21/11/08 and 24/4/09	Standing item on Traffic Committee agenda (05/2).	Resident	D	Parks	N/A		
Ernest Street, Cammeray, Near Park Avenue	Speed camera on Ernest Street, near Park Avenue.	2009	443	Standing item on Traffic Committee agenda (09/1).	Director Community & Library Services	D	Parks	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Falcon Street and Miller Street, North Sydney, North Sydney Boys High School	Lobby the RTA to install flashing 40km/h School Zone signage on Falcon Street and Miller Street.	2008	441	Standing item on Traffic Committee agenda (08/16).	School Review	B	Registry	N/A		
Falcon Street, Crows Nest, at the Pacific Highway	Pedestrian safety at traffic signals on eastern side of intersection. Left turn signal not clear.		####	Standing item on Traffic Committee agenda (09/7).	Community	B	Holtermann	N/A		
Falcon Street, Neutral Bay, Warringah Freeway	Visibility of traffic signals, phasing of signals		####	Standing item on Traffic Committee agenda (H08/3).	STA, Council	B	Registry/Parks	N/A		
Fitzroy Street, at Broughton Street	Right turn phase and arrow for westbound vehicles	2009		Standing item on Traffic Committee agenda (09/14)	Resident	F	Bradfield	N/A		
Harbour Bridge, cyclist path	Speed limit sign and linemarking	2009		Standing item on Traffic Committee agenda (09/13)	Edward Precinct	G	Lavender Bay	N/A		
Jeffreys St, entire length	40 km/h speed limit			Standing item on Traffic Committee agenda (07/8)	Resident	F	Milson/Bradfield	N/A		
Jeffreys Street, Kirribilli	40km/h speed limit	2007		Standing item on Traffic Committee agenda (07/8)	Resident	F	Bradfield	N/A		
Kirribilli & Milsons Point	40 km/h High Pedestrian Activity Area	2004		Standing item on Traffic Committee agenda (H04/4)	Traffic Engineer	F	Lavender Bay	N/A		
Lavender Street, at Blues Point Rd	Installation of a left turn only lane for westbound vehicles at the signalised intersection	2006	423	Standing item on Traffic Committee agenda (H06/14).	Lavender Bay Precinct	G	Union	N/A		
Lavender Street, at Blues Point Road	Request for pedestrian crossing on southern side of signalised intersection	2006		Standing item on Traffic Committee agenda (06/10)	Lavender Bay	G	Lavender Bay	N/A		
Lytton Street, entire length	Traffic Calming, LATM	2005		Part of Lane Cove Tunnel Works - LATM. RTA to pay for works. (05/4)	LCT LATM	B	Registry	N/A		
McLaren Street, Pacific Highway to Walker Street	Vehicle volumes on McLaren Street	2009		Standing item on Traffic Committee agenda (09/16)	Resident	B	Stanton	N/A		
Merlin Street, Military Rd to Ernest St	Traffic Calming, LATM	2005		Part of Lane Cove Tunnel Works - LATM. RTA to pay for works. (05/4)	LCT LATM	D	Parks	N/A		
Military Rd, at Ben Boyd Road	Red Light Camera	2004	403	Standing item on Traffic Committee agenda (H04/1). On RTA list for future consideration	Parks Precinct	D	Parks	N/A		
Military Rd, at Spofforth St	Longer phase for pedestrians crossing Military Rd. Red light camera	2007	428	Standing item on Traffic Committee agenda (07/2).	Resident	E	Harrison	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Military Rd, at Wycombe Rd	Red Light Camera	2006	421	Standing item on Traffic Committee agenda (H06/8). On RTA list for future consideration	Resident	E	Harrison	N/A		
Military Rd, at Wycombe Rd	Review of safety controls. Info on pedestrian phasing	2002	11/10/02 & 14/9/07	Standing item on Traffic Committee agenda (02/1). A pedestrian fatality occurred at this location.	Council	E	Harrison	N/A		
Military Road, Neutral Bay, at Ben Boyd Road	Additional green time for southbound vehicles in Ben Boyd Road, at the intersection with Military Road.	2008	441	Standing item on Traffic Committee agenda (H08/28).		D	Parks	N/A		
Military Road, Neutral Bay, at Watson Street	Installation of a red light camera	2004	403	Standing item on Traffic Committee agenda (H04/2). On an RTA list for consideration in the future	Parks Precinct	E	Neutral	N/A		
Military Road, Winnie Street and Waters Road, Cremorne, SCECGS Redlands Senior School	Lobby the RTA to install flashing 40km/h School Zone signage on Military Road, Winnie Street and Waters Road.	2008	441	Standing item on Traffic Committee agenda (08/17).	School Review	D	Brightmore	N/A		
Miller St, at 570 Miller St	Speed camera	2008	436	Standing Item on the Traffic Committee agenda (H05/3)	Resident	C	Bridgeview	N/A		
Miller St, at McLaren St	Right turn phase for north and southbound vehicles	2006	423	Standing item on Traffic Committee agenda (06/11).	Stanton Precinct	B	Stanton	N/A		
Miller St, at Ridge St	Northbound traffic signal obscured by bus/ ELP. Needs to be reviewed	2007	433	Standing item on Traffic Committee agenda (07/9).	Manager Rangers	B	Stanton	N/A		
Miller Street and McLaren Street, North Sydney, Monte Sant Angelo College	Lobby the RTA to install flashing 40km/h School Zone signage on Miller Street and McLaren Street.	2008	441	Standing item on Traffic Committee agenda (08/18).	School Review	B	Stanton	N/A		
Miller Street and Palmer Street, Cammeray, Cammeray Public School	Lobby the RTA to install flashing 40km/h School Zone signage on Miller Street and Palmer Street	2008	441	Standing item on Traffic Committee agenda (08/19)	School Review	C	Plateau	N/A		
Miller Street, at Abbott Street	Request for "Slow down" sign	2008		Standing item on Traffic Committee agenda (08/1)	Resident	C	Bridgeview	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Miller Street, at Amherst Street	Right turn phase for north and southbound vehicles at signalised intersection	2004	419	Standing item on Traffic Committee agenda (H06/4). RTA have previously advised they do not support	Plateau & Bridgeview Precincts	C	Plateau	N/A		
Miller Street, at Palmer Street	Install a left turn arrow and phase for westbound vehicles (to prevent conflict with school students/pedestrians) and right turn arrow and phase at signalised intersection	2005	423 430	Standing item on Traffic Committee agenda (06/15)	Plateau Precinct	C	Plateau	N/A		
Miller Street, at Palmer Street	Install red light camera/ speed camera at traffic signals	2003		Standing item on Traffic Committee agenda (03/1)	Plateau Precinct	C	Plateau	N/A		
Miller Street, Cammeray, at Abbott Street	Request for "Slow down" sign		####	Standing item on Traffic Committee agenda (H08/1)	Resident	C	Bridgeview	N/A		
Miller Street, Cammeray, at Ernest Street	Visibility of concrete median		####	Standing item on Traffic Committee agenda (08/20).	Resident	B	Registry	N/A		
Miller Street, Cammeray, Midblock between Amherst and Palmer Streets, at Cammeray shops	Request mast arm traffic signals		####	Standing item on Traffic Committee agenda (08/8)	Resident/ Co	C	Bridgeview	N/A		
Miller Street, Cammeray, Near The Boulevarde	Northbound vehicles are u-turning to drive south (TC 09/8)		####	Standing Item on the Traffic Committee agenda (09/11)	Bridgeview Precinct	C	Bridgeview	N/A		
Miller Street, North Sydney, Marist College North Shore	Lobby the RTA to install flashing 40km/h School Zone signage on Miller Street	2008	441	Standing item on Traffic Committee agenda (08/21).	School Review	B	Stanton	N/A		
Miller Street, North Sydney, St Marys Junior School	Lobby the RTA to install flashing 40km/h School Zone signage on Miller Street.	2008	441	Standing item on Traffic Committee agenda (08/22).	School Review	B	Stanton	N/A		
Montpelier Street, near Cameragal School	Petition from School for traffic calming and reduced speeds	2009		Standing item on Traffic Committee agenda (09/17)	School	E	Neutral	N/A		
Murdoch Street and Rangers Road, Cremorne, SCECGS Redlands Junior School	Lobby the RTA to install flashing 40km/h School Zone signage on Murdoch Street and Rangers Road.	2008	441	Standing item on Traffic Committee agenda (08/23).	School Review	E	Harrison	N/A		
Neutral Bay Shopping Area, south of Military Road	40km/h Pedestrian High Activity Area	2006		Standing item on Traffic Committee agenda (H06/20).	Traffic Engineer	D	Harrison	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Neutral Bay, north of Military Rd	40km/h Pedestrian High Activity Area	2006		Standing item on Traffic Committee agenda (H06/18). RTA have requested additional LATM information	Traffic Engineer	D	Parks	N/A		
Ourimbah Rd, at Macpherson Street	Additional "Left Turn Only" sign to prevent vehicles mistakenly entering Fernhurst Avenue	2007	428	Standing item on Traffic Committee agenda (07/3).	Willoughby Bay Precinct	D	Willoughby Bay	N/A		
Pacific Highway, at Berry St	Phasing of the right turn for northbound vehicles on Pacific Hwy into Berry St - long delays	2007	430	Standing item on Traffic Committee agenda (07/7).	Edward Precinct	A	Edward	N/A		
Pacific Highway, at Miller Street/ Mount Street	Phasing of pedestrian signals	2009		Standing item on Traffic Committee agenda (09/8)	Customer	G	CBD	N/A		
Pacific Highway, at Shirley Road	Provide in AM Peak (tidal) 3 lanes eastbound - 1 lefthand turn only, 1 straight ahead (Falcon St), 1 right hand turn only.	2005		Standing item on Traffic Committee agenda (06/12).	Wollstonecraft Precinct	A	Wollstonecraft	N/A		
Pacific Highway, at Shirley Road/ Falcon Street	Redlight camera	2006		Standing item on Traffic Committee agenda (H06/6). On RTA list for future consideration	Clr Zimmerman & J Skinner MP	A	Wollstonecraft	N/A		
Pacific Highway, at Walker Street	Phasing of pedestrian signals	2009		Standing item on Traffic Committee agenda (09/9)	Customer	G	CBD	N/A		
Rangers Road, at Murdoch Street	Right turn phase for east and westbound vehicles	2007	428	Standing item on Traffic Committee agenda (07/4).	Resident	E	Harrison	N/A		
Ridge Street and Carlow Street, North Sydney, Marist College North Shore and St Marys Junior School	Lobby the RTA to install flashing 40km/h School Zone signage on Ridge Street and Carlow Street.	2008	441	Standing item on Traffic Committee agenda (08/24).	School Review	B	Stanton	N/A		
Ridge Street, North Sydney, 59-61 Ridge Street	Installation of "Keep Clear" linemarking or "Do Not Queue Across Intersection" signage.	2008	442	Standing item on Traffic Committee agenda (08/29).	Body corporate	B	Stanton	N/A		
River Road, Wollstonecraft	Speed camera (TC 09/7)		####	Standing item on Traffic Committee agenda (09/10).	Resident		Wollstonecraft	N/A		
Shirley Road, Wollstonecraft, at River Road	Left lane southbound for through vehicles only rather than allowing right turn (TC 09/9)		####	Standing item on Traffic Committee agenda (09/12).	Wollstonecraft Precinct		Wollstonecraft	N/A		

Location	Device/Project	Req. Date	TC	Notes	Request From	Traffic Zone	Precinct	Final Ranking	Cost	Cumulative Costs
Short Lane, at Military Road	Access to Military Rd difficult with new traffic signals installed with Lane Cove Tunnel	2006	423	Standing item on Traffic Committee agenda (06/13).	Parks Precinct	D	Parks	N/A		
Upper Pitt Street, Kirribilli, St Aloysius College Senior	Lobby the RTA to install flashing 40km/h School Zone signage on Upper Pitt Street.	2008	441	Standing item on Traffic Committee agenda (08/25)	School Review	F	Bradfield	N/A		
Walker Street, North Sydney, Wenona Girls School	Lobby the RTA to install flashing 40km/h School Zone signage on Walker Street.	2008	441	Standing item on Traffic Committee agenda (08/26).	School Review	B	Stanton	N/A		
Warringah Freeway, Brook St to West St	Sound barrier			Standing Item on the Traffic Committee agenda (03/2)	Bridgeview Precinct	C	Bridgeview	N/A		
West Street, at TAFE	No Queuing Across Driveway linemarking	2009		Standing item on Traffic Committee agenda (09/18)	TAFE	B	Registry	N/A		
William Street and Mount Street, North Sydney, Shore Sydney Church of England Grammar Junior and Senior Schools	Lobby the RTA to install flashing 40km/h School Zone signage on William Street and Mount Street.	2008	441	Standing item on Traffic Committee agenda (08/27).	School Review	A	Edward	N/A		
Young Street, at Belgrave Street	Pedestrian signals on all four sides of the intersection of Young Street and Belgrave Street, Cremorne	2007	428	Standing item on Traffic Committee agenda (07/5).	Traffic Engineer	D	Parks	N/A		

Our Reference: 329.5414
 Contact: Mr Doug Lamont
 Telephone: 8849 2110

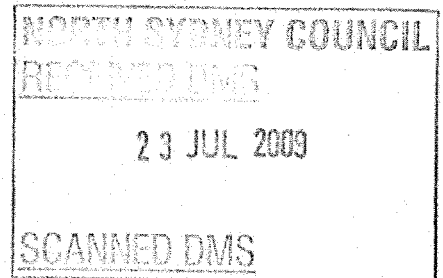


The General Manager
 NORTH SYDNEY COUNCIL
 DX 10587
 NORTH SYDNEY

21 JUL 2009

Attention: John Van Hesden
 Assets Management Engineer

SUBJECT: 2009_2010 Program Funding



Dear Sir/Madam

Please find attached a list of funding allocations to NORTH SYDNEY COUNCIL for 2009_2010 following the release of the NSW State Budget. The amounts shown in the attached table are for all projects to be undertaken by Councils. Projects to be undertaken by the RTA are not included in the list.

The funding includes Block Grant and REPAIR Program funding allocations to assist Council to manage its Regional Roads. The Minister for Roads has also included a Supplementary Roads allocation under the Block Grant to be used at Council's discretion for works on Regional Roads.

The 2009_2010 Regional Road Block Grant Agreement applies to all funds for works accepted for the Block Grant components.

The funding listed in the attached table includes the provision of various Local Road initiatives for both road safety and amenity related projects. The table does not include funding allocations under the AUSLINK Blackspot Programme as these have already been announced officially by the Federal Government.

Individual program managers will be contacting council with regards to details of specific work and any special arrangements that might apply.

Council Funding and Project Acceptance:

The funds are provided in accordance with the Authority's document "*Arrangements with Councils for Road Management*" (<http://www.rta.nsw.gov.au/doingbusinesswithus/lgr/index.html>) and require Council's formal acceptance of both the funding allocations and commitment to the works. Under the current Memorandum of Understanding (MOU) with Council advice of Council's acceptance and commitment to the work(s) is required by 1 October 2009. Failure to comply might be interpreted that the work(s) will not be proceeding and the funds could be withdrawn and re-allocated.

NORTH SYDNEY COUNCIL

2009_2010 Program Funding

ONLY for Projects undertaken by Council.
Does NOT include projects undertaken by RTA

Traffic Management Section: Contact Steve Lyras 8849 2021

PROJECT	PROGRAM POSITION	PROJECT DESCRIPTION	RTA ALLOCATION
T/03920	27304	Bike Plan Facilities - North Sydney Funded 50/50	\$ 25,000
T/03919	27401	Christie St, St Leonards - Ped activated TCS Funded 50/50	\$ 100,000
TOTAL			\$125,000

Road Safety: Contact Paul Murray 8849 2361

PROJECT	PROGRAM POSITION	PROJECT DESCRIPTION	RTA ALLOCATION
082803	16106	NORTH SYDNEY LGA ROAD SAFETY PROGRAM Funded 50/50	\$ 44,000
TOTAL			\$44,000

Regional Roads: Contact Doug Lamont 8849 2110

PROJECT	PROGRAM POSITION	PROJECT DESCRIPTION	RTA ALLOCATION
A/01909/20/B	22602	Bannerman St Cremorne bothsides Shellcov Funded 50/50	\$ 103,000
A/01909/20/E	22602	Ernst St Neutral Bay w/b Park Ave Pave R Funded 50/50	\$ 85,000
A/01909/20/G	22602	Gerard St Cremorne w/b Benelong Rd Rehab Funded 50/50	\$ 44,000
A/01909/20/M	22602	Macpherson St Cremorne n/b Davidson Pde P Funded 50/50	\$ 17,000
098466	27504	Block Grant TRAFFIC FACILITIES	\$ 234,000
A/04887	22601	Block Grant ROADS	\$ 75,000
A/04890	22604	Block Grant Supplementary Road Component	\$ 34,000
TOTAL			\$592,000

TOTAL Allocation	\$761,000
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