



CITY OF PARRAMATTA COUNCIL

Traffic Engineering Advisory Group Agenda Item

ITEM NO: 2207 B1
Intersection of Church Street, Albert Street and Pennant Hills Road, North Parramatta – Petition to review and extend the 40km/h school zone at Parramatta North Public School

SUBJECT: Parramatta North Public School

APPLICANT: City of Parramatta Council

REPORT OF: Traffic and Transport Investigations Engineer

WARD: Parramatta and Dundas

SED: Parramatta

Purpose

To update TEAG on action taken by Council in response to Council's resolution of 14 June 2022 regarding a petition received by Council to review and extend the 40km/h school zone at Parramatta North Public School to the intersection of Church Street, Albert Street and Pennant Hills Road, North Parramatta.

OFFICER'S RECOMMENDATIONS:

To note that Council wrote to the Minister for Metropolitan Roads requesting that Transport for NSW investigate the extension of the 40km/h school zone at Parramatta North Public School. On 11 July 2022, received a response advising that Transport for NSW will undertake a review of the existing speed limits and school zone length surrounding Parramatta North Public School.

Background

In June 2022, City of Parramatta Council received a petition on behalf of Parramatta North Public School & the P&C requesting the urgent extension of the 40km/h school zone at Parramatta North Public School to include the intersection of Church Street, Alfred Street and Pennant Hills Road, North Parramatta. The petition was signed by the public and reads:

The petition is for the urgent extension of the Parramatta North Public School's 40km zone to include the intersection of Church and Albert Street and Pennant Hills Road. This also includes rectifying several design faults of the intersection too.

As most of the school community would be aware, the intersection of Church and Albert Street and Pennant Hills Road has opened up the traffic now flowing in all directions.

The intersection has grown bigger and undergone significant changes that drivers (local and visiting) now must navigate while primary school children are crossing.

Traffic NSW have failed to consider the risk this intersection has on the safety of children using it to get to and from school with the 40km school zone starting after the intersection rather than before it. This along with the anomaly of signs and various design faults have been identified over several weeks. As a parent, I hold grave concerns and feel there is an urgent need for the school zone to be significantly extended to protect children and families.

Deputy Lord Mayor Sameer Pandey has listened to our concerns and feels there is a need for the 40km zone to be extended on the North, East, South and West sides to slow traffic

right down while children are crossing. Unfortunately, being a state road intersection, the responsibility remains with Traffic NSW.

By signing the petition, you will be giving Parramatta Council the support it needs to effectively raise these issues with Traffic NSW and ask for the requested changes and extension of the 40km school zone to be done as a matter of priority.

A copy of the petition is attached with this report (Attachment 1).

Council, at its meeting on 14 June 2022 considered the petition and resolved:

That Council write to the Minister for Transport for NSW for urgent intervention to resolve a range of issues raised by the Parramatta North Public School and P&C including urgent extension of the 40km/h zone around the school.

In accordance with the above resolution, Council wrote to the Minister for Metropolitan Roads requesting Transport for NSW (TfNSW) investigate this matter and reply to Council as soon as possible. A copy of the letter sent is attached with this report (Attachment 2). On Monday 11 July 2022, Council received a response to this letter advising in part that 'Transport for NSW will undertake a review of the existing speed limits and School Zone length surrounding Parramatta North Public School'. A copy of the response received is attached with this report (Attachment 3). A copy of the response has been sent to Councillor Pandey and the School.

Note that traffic signals, Parramatta Light Rail and speed limits, including school zones, are under the care and control of TfNSW.

FINANCIAL IMPLICATIONS

This report requests Transport for NSW investigate the extension of the 40km/h school zone at Parramatta North Public School. Therefore, this matter has no financial impact upon Council's budget.



Sandy Leung

Traffic and Transport Investigations Engineer

30/06/2022

Attachments –

1. Copy of petition
2. Copy of letter sent to Minister for Metropolitan Roads
3. Copy of response received from Transport for NSW (TfNSW)



Parramatta North P & C Association



Petition for the urgent extension of Parramatta North Public Schools 40km zone

Petition for the urgent extension of Parramatta North Public Schools 40km zone to include the intersection of Church and Albert Street and Pennant Hills Road. This also includes rectifying several design faults of the intersection too.

As most of the school community would be aware, the intersection of Church and Albert Street and Pennant Hills Road has opened up with traffic now flowing in all directions.

The intersection has grown bigger and undergone significant changes that drivers (local and visiting) now must navigate while primary school children are crossing.

Traffic NSW have failed to consider the risk this intersection has on the safety of children using it to get to and from school with the 40km school zone starting after the intersection rather than before it. This along with the anomaly of signs and various design faults have been identified over several weeks. As a parent, I hold grave concerns and feel there is an urgent need for the school zone to be significantly extended to protect children and families.

Deputy Lord Mayor Sameer Pandey has listened to our concerns and feels there is a need for the 40km zone to be extended on the North, East, South and West sides to slow traffic right down while children are crossing. Unfortunately, being a state road intersection, the responsibility remains with Traffic NSW.

By signing this petition, you will be giving Parramatta Council the support it needs to effectively raise these issues with Traffic NSW and ask for the requested changes and extension of the 40km school zone to be done as a matter of priority.

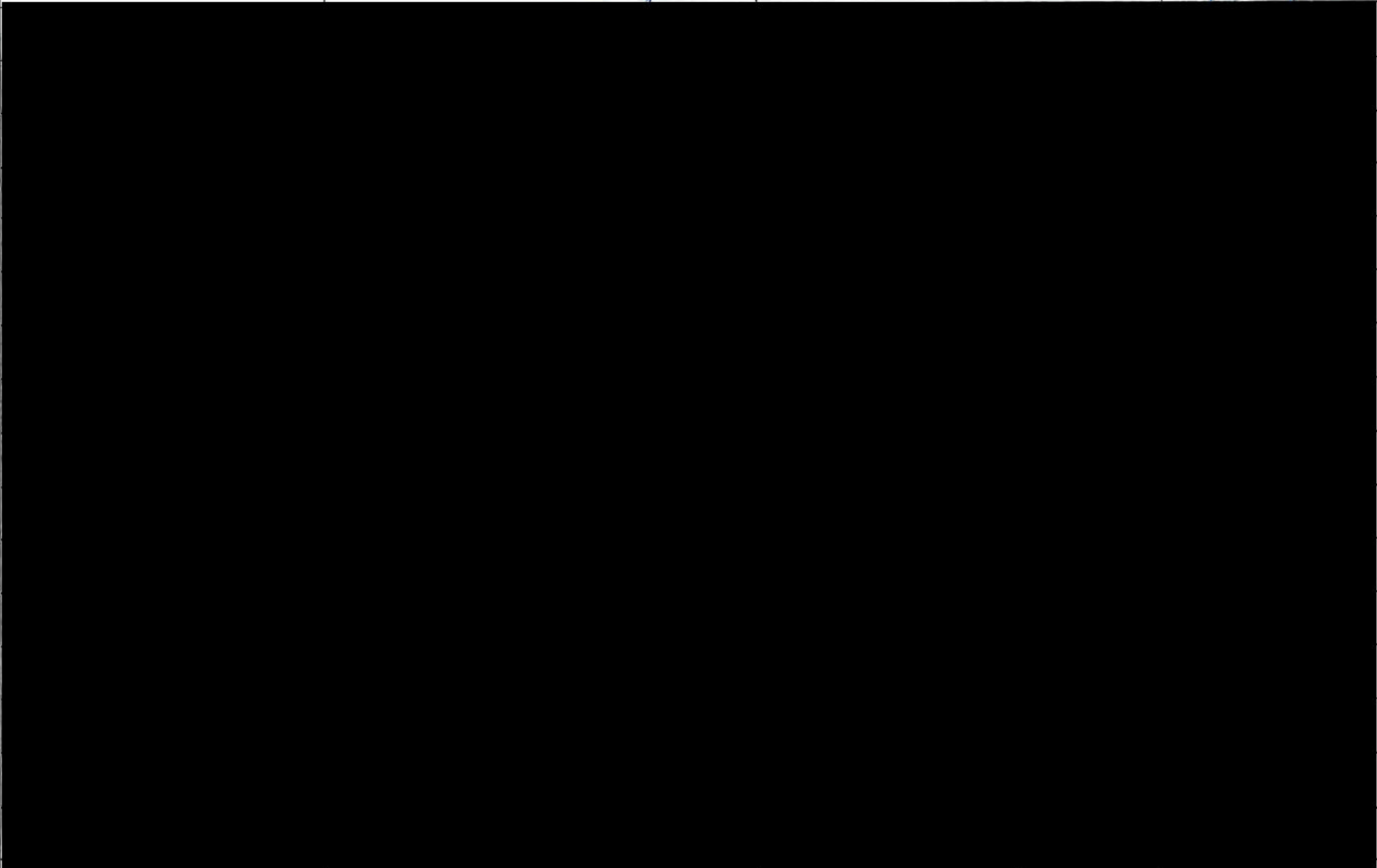
We thank you for your support.

PNPS P & C A.

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The Hon. Natalie Ward, MLC
Minister for Metropolitan Roads
Minister for Women's Safety and the Prevention
of Domestic and Sexual Violence
GPO Box 5341
SYDNEY NSW 2000

Your Reference	D08544004
Our Reference	F2021/03362
Contact	Richard Searle
Telephone	9806 5642
Email	traffic@cityofparramatta.nsw.gov.au

20 June 2022

Dear Minister,

RE: Request to review and extend the 40km/h School Zone at Parramatta North Public School

A petition was tabled at the Council Meeting on 14 June 2022 requesting extension of the 40km/h school zone at Parramatta North Public School and investigation of recent Parramatta Light Rail works. Council resolved as follows:

That Council write to the Minister for Transport for NSW for urgent intervention to resolve a range of issues raised by the Parramatta North Public School and P&C including urgent extension of the 40km/h zone around the school.

A copy of the petition requesting the extension of the 40km/h school zone is attached. In accordance with the resolution, Council requests that TfNSW investigate this matter and reply to Council as soon as possible.

Should you have any questions, please do not hesitate to contact Richard Searle, Manager Traffic and Transport on 9806 5642.

Yours sincerely,



Jennifer Concato

Executive Director City Planning and Design
City of Parramatta

Attachment: D08572196 Parramatta North Public School petition tabled at Council

Contact us:

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OFFICIAL

Our Ref: 01533605

Ms Jennifer Concato
Executive Director - City Planning and Design
City of Parramatta
traffic@cityofparramatta.nsw.gov.au

Dear Ms Concato

Thank you for your correspondence to the Minister for Metropolitan Roads about a request to review and extend the school zone speed limit at Parramatta North Public School. I have been asked to respond to you.

I note your comments and appreciate Council's concerns.

Transport for NSW will undertake a review of the existing speed limits and School Zone length surrounding Parramatta North Public School.

Speed limits and School Zones in NSW are determined by a number of factors as outlined in the NSW Speed Zoning Guidelines and the current NSW School Zone policy.

Should you have any further questions Mr Steven Nguyen, Senior Network and Safety Officer at Transport for NSW can be contacted at steven.nguyen@transport.nsw.gov.au.

Thank you for taking the time to write to the Minister.

Yours sincerely



08/07/2022

Terry McSweeney
Director Customer Response

OFFICIAL



CITY OF PARRAMATTA COUNCIL

Traffic Engineering Advisory Group Agenda Item

ITEM NO: 2207 B2
SUBJECT: Hill Road, Wentworth Point – Update on the proposed improvements on Hill Road, Wentworth Point
APPLICANT: City of Parramatta Council
REPORT OF: Traffic and Transport Investigations Engineer
WARD: Rosehill
SED: Auburn

Purpose

The purpose of this report is to provide an update to Council regarding the proposed improvements on Hill Road, Wentworth Point.

OFFICER'S RECOMMENDATIONS:

That Council note the updates regarding the proposed improvements on Hill Road, Wentworth Point.

Background

Council, at its meeting held on 14 March 2022 considered a report regarding Hill Road and resolved:

1. *That a monthly update be provided to Ward Councillors regarding the status of the Federal Funding application under its Stimulus Program.*
2. *That should the outcomes of the Federal Funding be unsuccessful or not received by end of July 2022, that Council will endeavour to secure alternative funding for the traffic signal upgrade at Hill Road and Bennelong Parkway, to ensure these works are completed in the 2022/23 financial year.*
3. *That Council continue to contact the developer advising of Council's resolution calling for the urgent construction of the planned roundabout and street crossing at the corner of Hill Road and Burroway Road.*
4. *Further, that updates on both projects referred to in this report be provided to each meeting of the Parramatta Traffic Committee and included in the minutes reported to Council until the projects are complete*

In addition, an email from Councillor Noack was received on 5 April 2022 requesting the following items also be included in the next Traffic Committee meeting:

1. *As per Council resolution a report on the work being done on the traffic lights at the corner of Bennelong Parkway and Hill Road*
2. *As per Council resolution a report on work being done on the roundabout and pedestrian crossing at Hill Road and Burroway Road*
3. *Update on lighting on Hill Road. This is the change to LED lightning*

4. *Update on drainage for Hill Road*
5. *Haslams Creek Bridge Update on Bennelong Road*
6. *Crossing from Wentworth Common across Bennelong Road*

Proposed traffic signals at Bennelong Parkway intersection

On 22 June 2022, Transport for NSW (TfNSW) provided advice from its 7 internal referral teams regarding Council's design plans. The comments were for minor changes and drafting issues. On 6 July 2022, Council Officers responded to TfNSW and provided the amended design plan and documents for TfNSW review and approval (refer to attached plan).

Council also met with TfNSW on 21 June 2022 and was advised to expect further correspondence related to conditions that would apply to the approval of the plans (once this has been obtained). Based on these discussions, Council is now targeting July 2022 for the approval of the design. Once approved, Council will advertise the tender. Note that the change of TfNSW approval date from June to July 2022 has not impacted Council's ability to commence the preparation of the tender, which is scheduled to commence in July 2022.

There are no outstanding issues with Ausgrid.

Proposed roundabout and pedestrian crossing at Burroway Road intersection

The proposed roundabout and pedestrian crossing at the Burroway Road intersection is to be completed prior to occupancy of the second stage of the development. Council Officers will be available to meet with the developer should they have any questions regarding the design requirements.

The 'street crossing' is part of the package of the works to be done by the developer. While it may be possible to start construction of the pedestrian facilities earlier than the roundabout works, this will not be known until the project progresses. It should also be noted, although construction of stage 1 of this development is complete, it was not necessary on traffic grounds for these Hill Road works to be completed prior to the occupation of this stage.

Proposed pedestrian bridge at Haslams Creek on Bennelong Parkway

Request for Quotation (RFQ) submissions for the detailed design work were issued through the Local Government Panel (LGP) as per Council's Procurement advice. Three submissions were received mid-June 2022 as there were requests for extensions and consultants confirming their LGP contract. Submissions are currently being reviewed and an evaluation panel will take place on Monday 11 July to review and recommend a consultant for the project. Contract terms will be negotiated with the recommended consultant, and it is anticipated that a consultant for the project will be appointed by early August 2022 with design to commence shortly after.

Proposed pedestrian crossings on Bennelong Parkway at Wentworth Common

Vehicle and pedestrian count surveys were undertaken in June 2022. These counts took place on a Thursday, Saturday and Sunday in Bennelong Parkway at Parkland Circuit, just south of Haslams Creek. The survey results indicate that:

- The peak pedestrian and cyclist (on path) volumes occurred outside of the vehicle peak periods.
- The weekday pedestrian and cyclist peak period occurred between 12:30pm and 1:30pm. A total of 23 pedestrians and cyclists crossed at this location, of which, 15 were crossing Haslams Creek bridge to head to or from Wentworth Point
- The weekend pedestrian and cyclist peak period occurred between 12pm to 1pm. A total of 74 pedestrians and cyclists crossed at this location, of which, 11 were crossing Haslams Creek bridge to head to or from Wentworth Point

City of Parramatta Council is still currently working to construct a pedestrian bridge north of the existing bridge over Haslams Creek on Bennelong Parkway. As mentioned in the last update, traffic counts undertaken will be used to prioritise this project for the next review of the Development Contributions Plan and for consideration of grant funding applications.

Drainage upgrades for Hill Road

A brief for the Civil Works design component is still in progress by Capital Projects designers for inclusion into one consolidated design brief.

Lighting upgrades for Hill Road

Council is waiting for Ausgrid to provide information regarding the details of conduits and switches.

FINANCIAL IMPLICATIONS

This report provides an update on the proposed traffic improvements and other proposed works on Hill Road and Bennelong Parkway, Wentworth Point and Sydney Olympic Park. Therefore, this matter has no financial impact upon Council's budget.



Sandy Leung

Traffic and Transport Investigations Engineer

4/07/2022

Attachments –

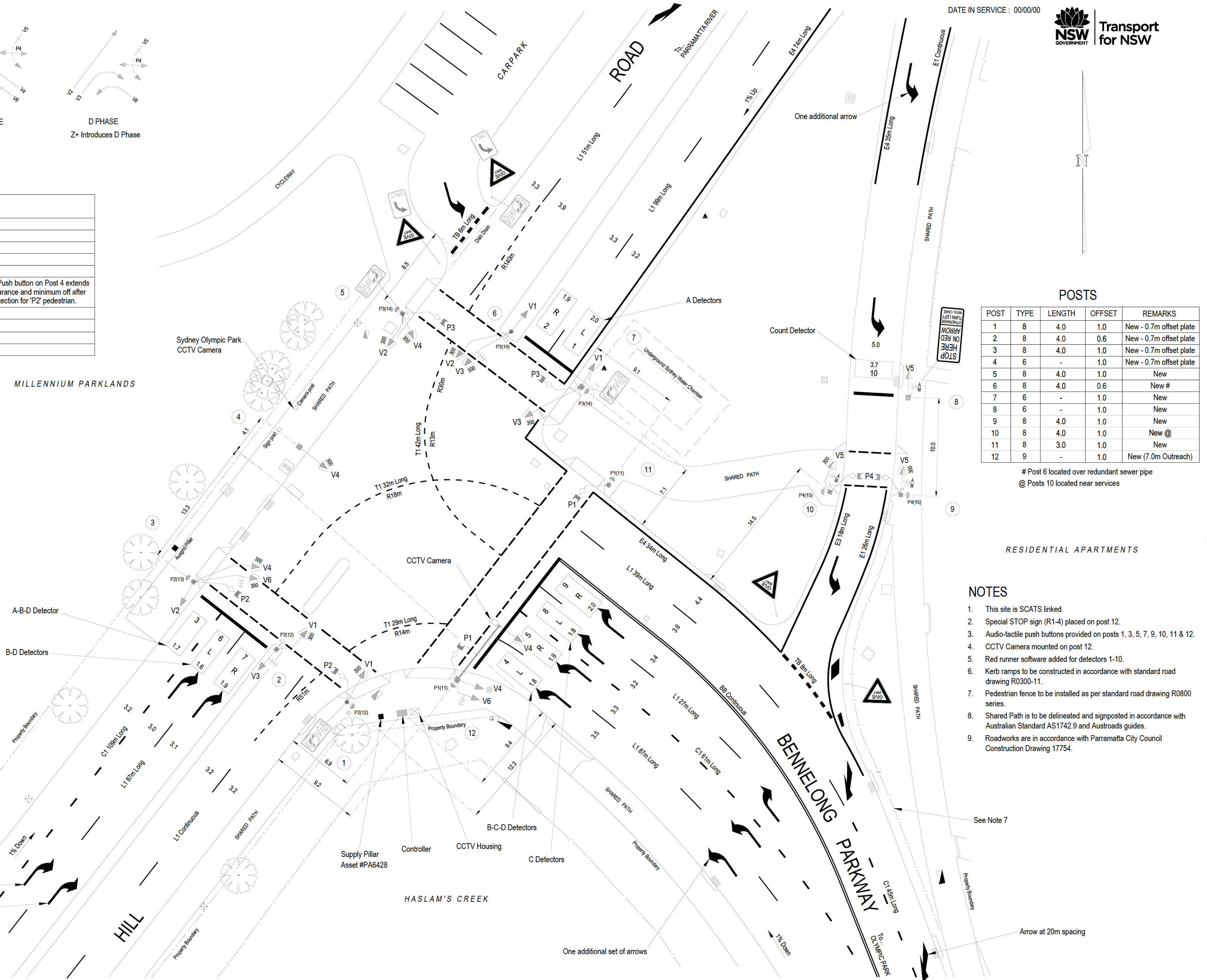
1. Amended traffic signal design plan submitted to TfNSW for Hill Road and Bennelong Parkway



SIGNAL GROUP	PHASE WHEN GREEN				TABLE TYPE	REMARKS
	A	B	C	D		
V1	X				1	
V2	X	C		X	15	Full RED protection for P3 pedestrians
V3		X		X	34	
V4			X		1	
V5					96	2 aspect independent slip lane
V6		X	C	X	-	XSf1 allows timed RA protection for 'P2' pedestrian. Push button on Post 4 extends RA protection subject to timer. Flashing yellow for clearance and minimum off after ped clearance. Absence of XSf1 provides full RA protection for 'P2' pedestrian.
P1	X				3	Re-introduction in 'A' Phase
P2			X		2	
P3		X			2	
P4	X	X	X	X	35	Independent slip lane pedestrian

MILLENNIUM PARKLANDS

Detector		Specifications			
A	FN	A(L)	A(E1)		
	SG/PS	\bar{A}	A		
	DS	—	—		
A-B-D	FN	A(L)	A(E2)		
	SG/PS	$\bar{V}2$	A		
	DS	B.D	B(NEXT), D(NEXT)		
cont. A-B-D	FN	B(E2)		D(E2)	
	SG/PS	B		D	
	DS	$\bar{A}(\text{NEXT}), \bar{D}(\text{NEXT})$		$\bar{A}(\text{NEXT}), \bar{B}(\text{NEXT})$	
B-C-D	FN	B(PR)	D(PR)	B(E1)	
	SG/PS	$\bar{B}, \bar{C}, \bar{D}$	$\bar{B}, \bar{C}, \bar{D}$	B	
	DS	\bar{C}	Z+, C	$\bar{C}(\text{NEXT}), \bar{D}(\text{NEXT})$	
cont. B-C-D	FN	C(E1)		D(E1)	
	SG/PS	C		D	
	DS	$\bar{B}(\text{NEXT}), \bar{D}(\text{NEXT})$		$\bar{B}(\text{NEXT}), \bar{C}(\text{NEXT})$	
B-D	FN	B(L)	D(L)	B(E3)	D(E3)
	SG/PS	$\bar{V}3$	$\bar{V}3$	B	D
	DS	—	Z+	D(NEXT)	B(NEXT)
C	FN	C(L)	C(E2)		
	SG/PS	\bar{C}	C		
	DS	—	—		
P1 P.B.	FN	A(PB)	Reintroduction		
	SG/PS	P1(WALK)	A.P1(WALK)		
	DS	—	$\bar{B}, \bar{C}, \bar{D}$		
P2 P.B.	FN	C(PB)	A(L)		
	SG/PS	P2(WALK)	C.P2(WALK)		
	DS	—	$\bar{A}, \bar{B}, \bar{D}$		
P3 P.B.	FN	B(PB)	A(L)		
	SG/PS	P3(WALK)	B.P3(WALK)		
	DS	—	$\bar{A}, \bar{C}, \bar{D}$		



POSTS

POST	TYPE	LENGTH	OFFSET	REMARKS
1	8	4.0	1.0	New - 0.7m offset plate
2	8	4.0	0.6	New - 0.7m offset plate
3	8	4.0	1.0	New - 0.7m offset plate
4	6	-	1.0	New - 0.7m offset plate
5	8	4.0	1.0	New
6	8	4.0	0.6	New #
7	6	-	1.0	New
8	6	-	1.0	New
9	8	4.0	1.0	New
10	8	4.0	1.0	New @
11	8	3.0	1.0	New
12	9	-	1.0	New (7.0m Outreach)

Post 6 located over redundant sewer pipe
@ Posts 10 located near services

NOTES

1. This site is SCATS linked.
2. Special STOP sign (R1-4) placed on post 12.
3. Audio-tactile push buttons provided on posts 1, 3, 5, 7, 9, 10, 11 & 12.
4. CCTV Camera mounted on post 12.
5. Red runner software added for detectors 1-10.
6. Kerb ramps to be constructed in accordance with standard road drawing R0300-11.
7. Pedestrian fence to be installed as per standard road drawing R0800 series.
8. Shared Path is to be delineated and signposted in accordance with Australian Standard AS1742.9 and Austroads guides.
9. Roadworks are in accordance with Parramatta City Council Construction Drawing 17754.

See Note 7

Arrow at 20m spacing



CITY OF PARRAMATTA COUNCIL

Traffic Engineering Advisory Group Agenda Item

ITEM NO: 2207 B3
SUBJECT: Projects Recently Completed, Projects Currently Funded and Projects Lists for Consideration of Future Funding
APPLICANT: City of Parramatta Council
REPORT OF: Traffic and Transport Team Leader
WARD: All
SED: All

Purpose

This report provides information on traffic and pedestrian projects recently completed or currently funded and projects lists that City of Parramatta Council maintains for budget planning purposes.

OFFICER'S RECOMMENDATION:

1. That Council note that six traffic projects have been completed by Council since the last Traffic Engineering Advisory Group meeting held in May 2022.
2. That the information regarding progress on 2021/22 funded projects be received and noted.
3. That the Projects Lists for proposed traffic works be received and noted.

Recently Completed Projects

Information on recently completed projects is provided below.

Projects Completed by Council

1. Brabyn Street, North Parramatta

Project Details:	Replace the existing children's crossing with a raised pedestrian crossing
Total cost of the project:	\$173,575
Funding Details:	100% funded by Federal Stimulus Schools Zones Program (Tranche 1, 2 & 3)

Projects Completed by Council

Before Construction



After Construction



2. Murray Farm Road (east of Tracey Avenue), North Rocks

Project Details: Raise existing pedestrian crossing

Total cost of the project: \$194,349

Funding Details: 100% funded by Federal Stimulus Schools Zones Program (Tranche 1, 2 & 3)

Projects Completed by Council

Before Construction



After Construction



3. Karingal Avenue at Felton Road, Carlingford

Project Details: Install raised pedestrian crossing

Total cost of the project: \$164,404

Funding Details: 100% funded by Federal Stimulus Schools Zones Program (Tranche 1, 2 & 3)

Projects Completed by Council

Before Construction



After Construction



4. Felton Road (east of Baker Street), Carlingford

Project Details: Raise existing pedestrian crossing

Total cost of the project: \$182,268

Funding Details: 100% funded by Federal Stimulus Schools Zones Program (Tranche 1, 2 & 3)

Projects Completed by Council

Before Construction



After Construction



5. Ballandella Road, Toongabbie

Project Details: Upgrade existing pedestrian crossing

Total cost of the project: \$160,147

Funding Details: 100% funded by Federal Stimulus Schools Zones Program (Tranche 1, 2 & 3)

Projects Completed by Council

Before Construction



After Construction



6. Hope Street at Waratah Street, Melrose Park

Project Details: Replace the existing pedestrian refuge island with a raised pedestrian crossing

Total cost of the project: \$186,514

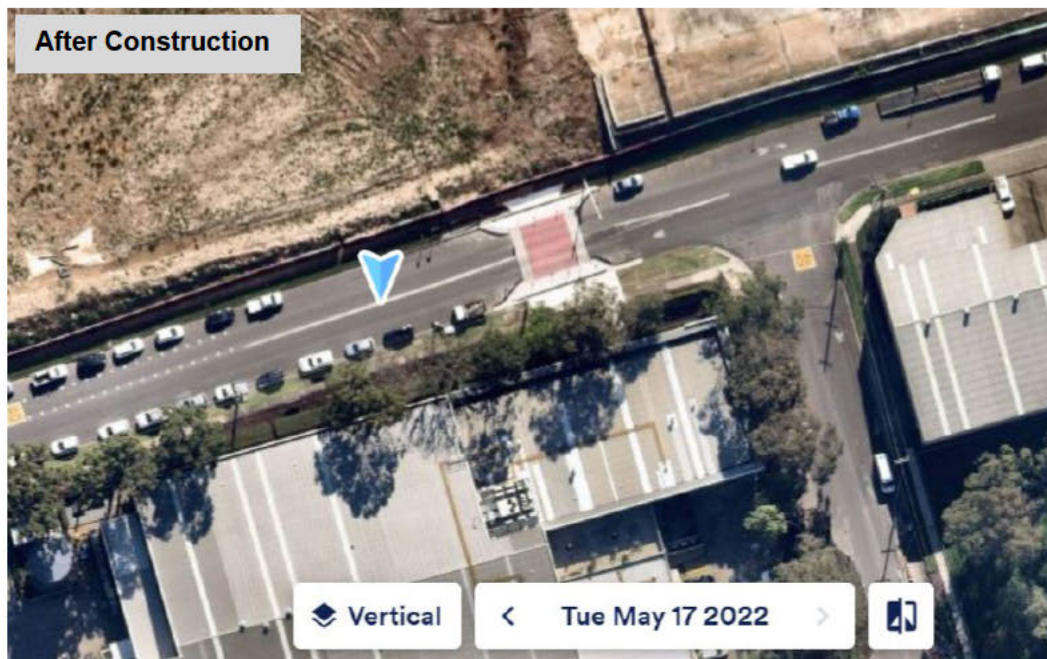
Funding Details: 100% funded by Federal Stimulus Schools Zones Program (Tranche 1, 2 & 3)

Projects Completed by Council

Before Construction



After Construction



Projects to be undertaken in 2021/22

Information regarding the progress on currently funded projects is provided at the start of the attachment to this report.

Future Projects

Traffic projects that are to be considered for future funding are categorised into one of four lists as detailed below:

Development Contributions Plan List - outside the Parramatta City Centre

Council adopted this list on 12 July 2021 as part of the City of Parramatta (Outside Parramatta CBD) Contributions Plan 2021 (refer to Tables 37 and 38 of the Plan via the link

<https://cityofparramatta.co/3HaPxLw>). This list is prioritised in to three categories; high (5 years), medium (5-10 years) and low (10-20 years). This work is proposed to be funded from Development Contributions, unless grant funding, a Voluntary Planning Agreement, or other source of funding is obtained.

The Development Contributions Plan is reviewed and set approximately every 5 years. Therefore, the lists shown in Tables 37 and 38 of the City of Parramatta (Outside Parramatta CBD) Contributions Plan 2021 would also be set and fixed every 5 years (approximately) at the same time the Development Contributions Plan is approved by Council.

These projects have a range of purposes such as improving pedestrian safety and amenity; improving sight distance (or reducing speed where sight distance is limited); upgrading an existing facility; reducing congestion; guard rail or barriers; and reducing illegal or unsafe driving. The list includes projects that would be on the Black Spot list except they have a low Benefit Cost Ratio and would not attract grant funds.

Traffic Projects List – within the Parramatta City Centre

This list includes projects that are located within the Parramatta City Centre. These projects will generally be funded from the Parramatta City Centre Developer Contributions Plan (known as Civic Improvement Plan, CIP), unless otherwise noted.

Black Spot Projects List

This list is for the projects where funding is being or is proposed to be sought, from the State or Federal Government under their Black Spot and Safer Roads Programs.

The Black Spot locations generally have a high number of collisions, and the proposed work is forecast to have a significant reduction on accidents. Projects under Black Spot Program are ranked on Benefit Cost Ratio (BCR); whereas projects under Safer Roads Programs are ranked on Safety Performance Indicator (SPI). The individual funding programs also have different criteria regarding the number of accidents with injuries that have occurred. At present, a minimum of 2 injury accidents over a 5-year period is generally required for a project to be eligible for funding.

List of Traffic Projects Supported by Community Petition

This list includes locations where Council has received requests from at least 50% of households within the street for traffic calming to be installed in the street or part of the street. This support can be in the form of a petition or letters. Meeting this requirement demonstrates that the local community wants this treatment in the street. These streets often do not have a specific hazard, crash history, or concentration of vulnerable road users such as pedestrians. Often, in streets not on the list, many residents do not support traffic calming and have concerns regarding the installation of traffic calming, particularly in regard to perceptions of noise, loss of parking, and prioritisation of funds.

Development Contribution Funds are not suitable for these projects as these projects are not related to supporting growth in the area. These projects are generally unfunded.

FINANCIAL IMPLICATIONS:

Council's Traffic and Transport Services maintains four (4) projects lists with the funding options as detailed below:

- Development Contributions Plan list - outside the Parramatta City Centre:

These projects have been grouped into 3 categories of priority (high, medium, and long term). It is proposed to deliver the high priority projects from 2021/22 to 2025/26 using Development Contributions fund for part, or all projects.

Applications are also lodged for State and Federal Government funding for projects that would meet the requirements of funding applications at the time of lodgment. Applications are generally lodged between August and October each year for consideration under these programs.

- Traffic Projects List – within the Parramatta City Centre:

These projects will generally be funded from the Parramatta City Centre Section 7.11 Contribution Plan (known as Civic Improvement Plan, CIP), unless otherwise noted.

- Black Spot Projects List:

These projects will generally be funded from the State or Federal Government under their Blackspot and Safer Roads Programs. Applications are lodged between August and October each year for consideration under these programs.

- List of Traffic Projects Supported by Community Petition:

These projects could be funded from General Revenue. Councillors may wish to use part of the ward initiatives budget to deliver these projects.

Approved Funding for the 2021/22 Projects is detailed below:

External Funding

- Council has received a 100% funding offer totaling \$635,000 under the NSW Government Active Transport Program for the construction of a pedestrian refuge island and continuous footpath treatments in Wentworth Avenue at the laneways opposite Toongabbie Railway Station and footpath and kerb ramps on Cooyong Crescent. This project is now complete.

It is to be noted that State Government has made changes to the guidelines for funding applications under this program. According to the new guidelines, eligible infrastructure projects including the construction of new pedestrian paths/routes that improve connectivity and livability associated with places. Eligible infrastructure projects must include the construction of either:

- New footpaths or widening of existing footpaths that are part of a wider place making project or provide a direct access to a school (within 200m of a school access point)
- Continuous footpath treatments, or
- Shared zones.

As part of the above eligible infrastructure projects, construction of new or upgrades to existing pedestrian crossing facilities and Traffic Control Signals (TCS) can be installed as part of a wider place making project. As a result of the new guidelines, many of the Council pedestrian projects are not eligible for funding under Active Transport Program.

- Council has received a 100% funding offer totaling \$4,230,000 under the Federal Government Stimulus Commitment on Road Safety Program (School Zone Infrastructure) for fourteen (14) traffic projects for the 2021/22 (Tranche 2 - Q1 & Q2; and Tranche 3 - Q3 & Q4) financial years. It is to be noted that the projects in Tranche 2 - Q1 (completion by December 2021) are now complete. Procurement for a Tranche 2 – Q2 (completion by June 2022) project is complete.

- Council has received a 100% funding offer totaling \$116,000 under the Australian Government Black Spot Program for two traffic projects for 2021/22. One of these projects is now complete. The other project is partially complete. Refer to 'Recently Completed Projects' section above for details.
- Council has also recently received a 100% funding offer totaling \$94,000 from TfNSW for the installation of on-street railway commuter parking at Wentworthville Railway Station by 29 July 2022. This project is now complete. Refer to 'Recently Completed Projects' section above for details.

Applications Lodged for External Funding for 2022/23 Projects

- Applications have been lodged to Transport for NSW (TfNSW) in September 2021 for two (2) projects under the 2021/22 Federal and State Government's Stimulus Programs. The projects were Hill Road/Bennelong Parkway traffic signals and design for street lighting in Wentworth Street north of Martha Street, Clyde.
- Applications have been lodged to Transport for NSW (TfNSW) in September 2021 for seven (7) projects under the 2022/23 Federal and State Government's Black Spot and Safer Roads Programs. The outcome of the applications is expected to be available late July 2022. Refer to the attached Black Spot Projects List for details.
- Applications have been lodged to Transport for NSW (TfNSW) in December 2021 for fourteen (14) projects including Hill Road/Bennelong Parkway traffic signals under the 2022/23 Federal Government's Stimulus Program (listed in the report). The outcome of the applications is expected to be available in the second quarter of the 2022/23 financial year.
- Applications have been lodged to Transport for NSW (TfNSW) in February 2022 for nine (9) projects under the 2022/23 State Government's Active Transport Program (listed in the report). The outcome of the applications is expected to be available in the second quarter of the 2022/23 financial year.

Internal Funding

- Council's Draft Delivery Program and Operational Plan generally allocates funding of \$1.5 million per year for the Active Transport Program over four financial years (2020/21 – 2023/24) for the delivery of traffic projects using Development Contributions Funds. Six (6) projects have been selected for design in 2021/22.
- New traffic signals have been constructed at the intersection of North Rocks Road and Alkira Road, Carlingford. This project had an approved budget of \$3,850,000, which is funded from Development Contributions Funds,
- New traffic signals are currently being designed at the intersection of Hill Road and Bennelong Parkway, Wentworth Point. This project has an approved budget of \$225,000, which is funded from Development Contributions Funds.



Saniya Sharmeen
Traffic and Transport Team Leader

6/07/2022

Attachments - Project Lists

Projects for completion in 2021/22

Location	Treatment Type	Estimated Cost	Comments
Ward: Dundas; SED: Parramatta			
Parramatta East Public School	Brabyn Street, North Parramatta - Replace the existing children's crossing with a raised pedestrian crossing	\$220,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Ward: Epping; SED: Epping			
Alamein Avenue west of Bardia Road, Carlingford	Design and cost estimate for a new raised pedestrian crossing	Design: \$18,000 (Construction: \$222,000)	This project is approved by Council on 14 March 2022. Civil design has commenced. The design is 100% funded by Council through its Active Transport Program (from City of Parramatta (outside CBD) Development Contributions Plan 2021). There is currently no funding available for construction of this project. However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23.
Carlingford Road at Hepburn Avenue, Carlingford	Design and cost estimate for new traffic signals.	\$70,000	Traffic Control Signal (TCS) plan has been submitted to TfNSW for review and approval. This is 2019/20 project and 100% funded by Council. Funding application has been lodged to TfNSW under Federal Government's Stimulus Program for construction in 2022/23.
Orchard Road north of North Rocks Road and Plympton Road, Beecroft However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23	Design and cost estimate for a new raised pedestrian crossing	Design: \$18,750 (Construction: \$231,250)	This project is approved by Council on 14 March 2022. Civil design will commence soon. The design is 100% funded by Council through its Active Transport Program (from City of Parramatta (outside CBD) Development Contributions Plan 2021). There is currently no funding available for construction of this project. However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23.
Rembrandt Street south of Milton Street, Carlingford	Design and cost estimate to replace the existing non-compliant pedestrian island with a new raised pedestrian crossing	Design: \$21,000 Construction: \$259,000	Community consultation is complete. This report was initially referred to the Parramatta Traffic Committee on 9 February 2022. However, the report was deferred for on-site meeting. On-site meeting has been taken place and this project was then referred to the 25 May 2022 PTC meeting for consideration

Location	Treatment Type	Estimated Cost	Comments
			<p>and approval. However, Council at its meeting deferred the report for further consultation with TfNSW. At this stage, it is intended to refer this report to the September 2022 meeting for consideration.</p> <p>The design is 100% funded by Council through its Active Transport Program (from City of Parramatta (outside CBD) Development Contributions Plan 2021). There is currently no funding available for construction of this project. However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23.</p>
Ward Street, Epping (outside Epping West Public School)	Install raised pedestrian crossing	\$240,000	<p>Construction has commenced and expected to be completed during the July 2022 school holiday period.</p> <p>This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).</p>
Ward: North Rocks; SED: Baulkham Hills			
North Rocks Road at Alkira Road, North Rocks	Construct traffic signals	\$3,850,000	<p>COMPLETE</p> <p>This project is 100% funded by Council from its Development Contributions Fund.</p>
Murray Farm Public School	Murray Farm Road (east of Tracey Avenue), North Rocks - Raise existing pedestrian crossing	\$220,000	<p>COMPLETE</p> <p>This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).</p>
Intersection of Oakes Road and Murray Farm Road, Carlingford	Install speed cushions at all approaches to the roundabout	\$16,000	<p>COMPLETE</p> <p>This project is 100% funded by Federal Government under its Black Spot Program.</p>
Ward: North Rocks; SED: Parramatta			
Felton Road (east of Baker Street), Carlingford (outside James Ruse High School)	Raise existing pedestrian crossing	\$240,000	<p>COMPLETE.</p> <p>This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).</p>
Karingal Avenue at Felton Road, Carlingford (near Carlingford West Public School)	Install raised pedestrian crossing and upgrade street lighting	\$220,000	<p>COMPLETE</p> <p>This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).</p>

Location	Treatment Type	Estimated Cost	Comments
Ward: Parramatta; SED: Seven Hills			
Ballandella Road, Toongabbie (outside Toongabbie West Public School)	Upgrade existing pedestrian crossing	\$150,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Binalong Road, Pendle Hill (outside Pendle Hill High School)	Raise existing pedestrian crossing (zebra)	\$260,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Fitzwilliam Road at Binalong Road and Reynolds Street, Old Toongabbie (Toongabbie Public School)	Install missing kerb ramps on the west leg and upgrade existing kerb ramps to current standards and install of channelised right turn treatment for motorists exiting Reynolds Street	\$1,000,000	The traffic signal plan was approved by TfNSW on the 9 June 2022. Construction works started on the 20 June 2022. The work is anticipated to take 14 weeks with an approximate completion date of October 2022 This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Westbound bus stop on Darcy Road, Westmead (east of Bridge Road) -	Expand concrete pad and install a bus seat	\$5,000	COMPLETE This project is 100% funded by Council under 2020/21 Active Transport Program.
Wentworth Avenue, Barangaroo Road and Cooyong Crescent, Toongabbie (near Toongabbie railway station)	Install a pedestrian refuge island in Barangaroo Road at Wentworth Avenue; Continuous footpaths in Wentworth Avenue at the laneways on the north and south sides of 485 Wentworth Avenue; and Footpath and kerb ramps on Cooyong Crescent	\$635,000	COMPLETE This project is 100% funded by NSW Government's under Active Transport Program.
Wentworth Avenue, Short Street and Water Street, Wentworthville	Install on-street commuter car parking	\$94,000	COMPLETE This project is 100% funded by NSW Government. Note that commuter car parking on Short Street and Water Street have been CANCELLED due to objections received from residents living in these streets.
Ward: Parramatta; SED: Parramatta			
Villiers Street south of Ross Street, Parramatta (outside Our Lady of Mercy College)	Raise existing pedestrian crossing (zebra)	\$240,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).

Location	Treatment Type	Estimated Cost	Comments
Villiers Street south of Grose Street, Parramatta (outside St Patrick's Primary School)	Raise existing pedestrian crossing (zebra)	\$240,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Ward: Rosehill; SED: Parramatta			
Alfred Street south of Alice Street, Harris Park	Install a raised pedestrian crossing	\$440,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure) and to be completed by December 2021.
Hope St west of Waratah St, Melrose Park (near Melrose Park Public School)	Replace existing pedestrian refuge island with a raised pedestrian crossing	\$280,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Parkes Street at Wigram Street and at Harris Street, Parramatta	Concept design for the installation of dedicated eastbound left turn lane at Harris Street; eastbound right turn bay at Wigram Street; and a dual right turn from Harris Street (southbound) into Parkes Street	\$200,000 (2019/20 & 2020/21)	COMPLETE This is a 2-year project and 100% funded by Council under Civic Improvement Plan.
Waratah Street, Melrose Park (outside Melrose Park Public School)	Install raised pedestrian crossing	\$240,000	COMPLETE This project is 100% funded by Federal Government under its Stimulus Commitments on Road Safety Program (School Zone Infrastructure).
Ward: Rosehill; SED: Granville			
Good Street at Great Western Highway, Parramatta	Install a raised pedestrian crossing (Design Only)	Design: \$21,000 (Construction: \$259,000)	ON HOLD TfNSW advised that it intends to construct traffic signals at this intersection. The design received 100% funding from Council through its Active Transport Program (from Parramatta Section 94A Contributions Plan 2011 (Outside CBD) Funds).
Parramatta Road at Marsh Street, Clyde	Construction of pedestrian/cyclist legs on existing signals at Parramatta Road-Marsh Street along with connecting shared paths along Parramatta Road between M4 Cycleway/Duck River/Parkline	\$1,039,222	Contractor selected through tender process. This project is 100% funding by NSW Government's Active Transport Program for its construction in 2020/21.

Location	Treatment Type	Estimated Cost	Comments
Ward: Rosehill; SED: Parramatta			
Virginia Street, Rosehill (outside Rosehill Public School)	Install two speed humps	\$28,200	COMPLETE This project is 100% funded by Council through Ward Initiative Funds.
Park Parade south side of railway line at pedestrian underpass to Parramatta Park, Westmead	(Design Only) Installation of a pedestrian refuge with kerb extension and pedestrian fencing	\$37,500	Civil design commenced The design is 100% funded by Council through its Active Transport Program (from Parramatta CBD Development Contributions Plan 2007). There is currently no funding available for construction of this project. However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23.
Ward: Rosehill; SED: Auburn			
Avenue of Oceania at Louise Sauvage Pathway, Newington	Design and cost estimate for a combined raised pedestrian and cyclist crossing	Design: \$18,000 (Construction: \$240,000)	This project is approved by Council on 14 March 2022. Detail design will commence soon. The design is 100% funded by Council through its Active Transport Program (from City of Parramatta (outside CBD) Development Contributions Plan 2021). There is currently no funding available for construction of this project. However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23.
Hill Road at Bennelong Parkway, Wentworth Point (subject to advice from PLR regarding Stage 2 alignment)	Design and cost estimate for new traffic signals.	\$250,000	On 22 June 2022, Transport for NSW (TfNSW) provided advice from its 7 internal referrals regarding Council's most recent version of the design plans. The comments are for minor changes and drafting issues. Council Officers are now reviewing the advice received and will respond to TfNSW. An update on this will be provided within the next Traffic Engineering Advisory Group Report. Note that the change of TfNSW approval date from June to July 2022 has not impacted Council's ability to commence the preparation of the tender, which is scheduled to commence in July 2022. Funding application has been lodged to TfNSW under Federal Government's Stimulus Program for construction in 2022/23.
Newington Retail Precinct	Install a 40 km/h High Pedestrian Activity Area restrictions with traffic calming	\$100,00	Installation of speed cushions is COMPLETE It is to be noted that TfNSW will install signs and pavement markings for the installation of 40km/ph HPAA restriction.

Location	Treatment Type	Estimated Cost	Comments
			This project is funded by Federal Government's Black Spot Program.

Parramatta City Centre Traffic Projects List

Location	Treatment Type	Estimated Cost	Comments
Argyle Street at Church Street, Parramatta	Upgrade Kerb Ramps at existing Traffic Control Signals (TCS) to current standards	\$750,000	
Argyle Street at Marsden Street, Parramatta	Upgrade Kerb Ramps at existing Traffic Control Signals (TCS) to current standards	\$750,000	
Barrack Lane, Parramatta	Shared Zone for entire length	\$1,250,000	
Charles Street at Union Street, Parramatta	Install a pedestrian refuge island	\$250,000	
Church Street at Aird Street, Parramatta	Install continuous footpath	\$400,000	Subject to meeting TfNSW Technical Directions
City Ring Road	All other proposals that are part of the City Ring Road and not listed in this list.	TBA	Implementation of various projects along the route are currently being investigated.
George Street at Horwood Place, Parramatta	Improve pedestrian safety.	TBA	Treatment is subject to proposal for Horwood Place precinct redevelopment and Sydney Metro.
George Street at Freemason Arms Lane and Phillip Street at Andrew Nash Lane, Parramatta	Install continuous footpath	\$1,000,000	Application has been lodged for NSW Government funding under its Active Transport Program
Macquarie Street at Marsden Street, Parramatta	TCS upgrades - Upgrade Kerb Ramps at existing traffic signals to current standards	N/A	To be reviewed following Parramatta Light Rail works.
O'Connell Street at Hunter Street, Parramatta	Upgrade Kerb Ramps at the existing Traffic Control Signals (TCS)	\$950,000	
Parkes Street at Wigram Street and at Harris Street, Parramatta	Installation of dedicated eastbound left turn lane at Harris Street; eastbound right turn bay at Wigram Street; and a dual right turn from Harris Street (southbound) into Parkes Street	\$200,000 2019/20 & 2020/21	Design to determine concept plan and land reservation details has been completed.

Location	Treatment Type	Estimated Cost	Comments
Smith Street, north of Macquarie Lane, Parramatta	Extension of the median island at Macquarie Lane to the north to restrict right turn entry into the car park of 75 George Street, Parramatta	\$50,000	Subject to a development proposal
Union Street at Charles Street, Parramatta	Install a Pedestrian Refuge Island	\$250,000	
Park Parade, Parramatta at Pedestrian tunnel near Domain creek)	Install a Pedestrian refuge with kerb extension and pedestrian fence (drainage works are needed at the tunnel as part of this project)	\$500,000	<p>The design is 100% funded by Council through its Active Transport Program (from Parramatta CBD Development Contributions Plan 2007). There is currently no funding available for construction of this project. However, funding application has been lodged to TfNSW under Federal Government's Stimulus Program and State Government's Active Transport Program for construction in 2022/23.</p> <p>A report proposing the installation of a pedestrian refuge with kerb extension and pedestrian fencing was considered in the 25 May 2022 PTC meeting and adopted by Council on 27 June 2022.</p>

Black Spot Projects List

BCR	Location	Treatment Type	Estimated Cost	Injury Accidents (over 5-year Period) that can be treated by the treatment	Funding Status	Comments
20.3	Intersection of Caroline Chisholm Drive and Hillcrest Avenue, Winston Hills	Install speed cushions at all approaches to the roundabout	\$16,000	4	Not yet funded	Applied for funding under Federal and State Governments' Black Spot Programs in 2022/23
8.03	Intersection of Bulli Road and Binalong Road, Toongabbie	Install speed cushions at all approaches to the roundabout	\$16,000	2	Not yet funded	Applied for funding under Federal and State Governments' Black Spot and Stimulus Programs in 2022/23
6.18	Derby St at Wetherill Street North, Silverwater	Install speed cushions in Derby Street at both approaches to Wetherill St North	\$16,000	1	Not yet funded	Applied for funding under Federal and State Governments' Black Spot Programs in 2022/23
5.87	Asquith Street, Stubbs Street and Beaconsfield Street, Silverwater	<ul style="list-style-type: none"> • Install speed cushions, median islands and kerb blister islands in Asquith Street at Stubbs Street and at Melton Street N and • Install speed cushions at all approaches to the roundabout at the intersection of Stubbs Street and Beaconsfield Street 	\$159,600	5	Not yet funded	Applied for funding under Federal and State Governments' Black Spot Programs in 2022/23
5.52	Redbank Road at Balmoral Road, Northmead	Install 4 speed cushions (concrete) at north and southbound approaches to the intersection	\$68,000	8	Not yet funded	Applied for funding under Federal Stimulus Program in 2022/23
3.37	Intersection of High Street at Raymond Street, Parramatta	<u>Option 1</u> : Install a raised pedestrian crossing in High St (north leg) and speed cushions at other 3 legs.	\$262,000	4	Not yet funded	Applied for funding under Federal and State Governments' Black Spot Programs in 2022/23

BCR	Location	Treatment Type	Estimated Cost	Injury Accidents (over 5-year Period) that can be treated by the treatment	Funding Status	Comments
2.38		Option 2: Install a raised pedestrian crossing at the northern leg, speed cushion at the southern leg and raised thresholds at the eastern and western legs of the intersection.	\$375,000			
3.10	Silverwater Industrial Precinct (west of Silverwater Road)	Installation of median islands, kerb blister islands and speed cushions in Asquith Street, Beaconsfield Street at Stubbs Street	\$160,000	4	Not yet funded	Applied for funding under Federal Stimulus Program, and under Federal and State Governments' Black Spot Programs in 2022/23
2.31	Carnarvon St at Melton St North, Silverwater	Install a chicane	\$215,000	3	Not yet funded	Applied for funding under Federal and State Governments' Black Spot Programs in 2022/23
1.82	Intersection of Ballandella Road and Burrabogee Road, Toongabbie	Install a roundabout	\$469,000	2	Not yet funded	Applied for funding under Federal Stimulus Program in 2022/23
1.58	Intersection of Melton Street North and Beaconsfield Road, Silverwater	Install a roundabout	\$539,760	2	Not yet funded	Applied for funding under Federal Stimulus Program in 2022/23
1.32	Intersection of Bulli Road at Bungaree Road, Toongabbie	Install a roundabout	\$645,000	2	Not yet funded	Applied for funding under Federal Stimulus Program in 2022/23
0.96	Loyalty Road and North Rocks Road, North Rocks	Install a roundabout	\$790,840	3	Not yet funded	Applied for funding under Federal Stimulus Program in 2022/23
0.63	Gladstone Street at Brickfield Street and at Buller Street, North Parramatta	Install two roundabouts	\$900,000	3	Not yet funded	Applied for funding under Federal Stimulus Program in 2022/23

BCR	Location	Treatment Type	Estimated Cost	Injury Accidents (over 5-year Period) that can be treated by the treatment	Funding Status	Comments
Supported by Road Safety Audit	Intersection of Wentworth Street and Martha Street, Clyde	Install street lighting under the M4 bridge and raised thresholds in Marta St on both approaches to Wentworth Street	Design: \$20,000 Construction: \$544,000	N/A	Not yet funded	Applied for funding under Federal Stimulus Program for design in 2021/22 and construction in 2022/23.
--	Bold Street south of Cowper Street, Granville Ward: Rosehill SED: Granville	Install a raised threshold	\$180,000	4	Not yet funded	<p>Liaising with TfNSW to determine the appropriate treatment options for this location.</p> <p>Reviewed the crash history and noted that the appropriate treatments cannot be installed at the intersection due to following reasons:</p> <ul style="list-style-type: none"> • Close proximity to two traffic signals (at Parramatta Road and at Railway Parade) • Required to maintain 3 travel lanes (including a bus lane) in the northbound and 2 travel lanes in the southbound directions. • Required to maintain right turn access between Bold Street and Cowper Street (west leg)

Traffic Projects supported by Community Petition

Location	SED	Proposed Treatment	Year Included on List	Estimated Cost
Ward: Epping;				
Lexington Avenue at Raimonde Road, Eastwood	Epping	Concrete median islands	2014	\$20,000
George Street, Epping	Epping	Chicanes (2)	2020	\$90,000
Ward: Parramatta				
Ballandella Road between Fitzwilliam Road and Barangaroo Road, Toongabbie	Seven Hills	Raised Thresholds or Chicanes (2)	2015	\$150,000
Frances Street, Northmead	Seven Hills	Speed humps (3) or chicanes (2)	2021	\$90,000
Harris Street, Constitution Hill	Seven Hills	Speed Humps (3)	2015	\$20,000
Ward: North Rocks				
Barnetts Road, Winston Hills	Seven Hills	Chicanes	2011	\$900,000
Ward: Rosehill				
Alice Street between Alfred and Arthur Streets	Parramatta	Speed Humps (2)	2020	\$17,500
Deakin Street, Silverwater (between Stubbs Street and the cul-de-sac)	Auburn	Speed Humps	2018	\$20,000