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Attention: Sumi Thambyrajah

Dear Sumi,

New Forest High School: Section 4.55 Modification 3 Consultation Statement

The purpose of this Consultation Statement is to support the Section 4.55 Modification 3 for the new Forest High School and is supplementary to the original SINSW Consultation Report dated October 2022 submitted with the SSD application.

There are three key stakeholders that have been consulted in respect to the design and delivery of the Public Domain scope for the new Forest High School:

1. Transport for New South Wales (TfNSW)
2. Northern Beaches Council (NBC) and
3. The Bus Planning Team of TfNSW.

The below tables sets out the consultation and outcomes with each of these stakeholders and in chronological order. The consultation with TfNSW and NBC has been combined given there is a TfNSW representative on the Council's Local Traffic Committee (LTC).

Transport for New South Wales (TfNSW) and Northern Beaches Council (NBC)

Date	Correspondence/ Meeting	Key outcomes
16/2/2024	ADCO representative issues Concept Design/WAD submission 1 to <i>Development Sydney at Transport NSW (being the generic address as publicly nominated on the TfNSW website)</i>	
12/03/2024	Email correspondence from TfSNW representative to ADCO representative	Acknowledgement of submission and advice that liaison is ongoing with internal stakeholders to obtain Agreement In Principal (AIP) for the Traffic Control System (TCS) design. An RFI will be issued if further information is required. Expectation that sign-off will be imminent.
5/04/2024	ADCO representative emails correspondence to TfNSW representative	Provision of updated design submission to capture additional review comments from SINSW
12/04/2024	Initial meeting with ADCO, Johnstaff, SINSW and TFNSW representatives	Discussion on the review process moving forward. TfNSW were still reviewing the scope of civil works to determine if the works were to be considered a (Major) WAD with a requirement for a Project Verifier. TfNSW confirmed that endorsement from

		Northern Beaches Council (NBC) was required for the concept design
17/05/2024	ADCO representative emailed Concept Design to NBC representative	
21/05/2024	Works Authorisation Deed (WAD) issued by TfNSW representative	WAD issued by TfNSW to ADCO and forwarded to SINSW for review and execution. There was confirmation no Project Verifier required and re-confirmation of need to obtain council sign-off on concept design.
5/06/2024	NBC representative emailed concept design review comments to ADCO Representative	<p>The following 4 items were raised.</p> <ol style="list-style-type: none"> 1. Confirm if the 3 accessible parking spots are required on Allambie Road otherwise provide justification that they can be maintained within the school site 2. Bus Bay heading north on Allambie Road. Confirm if the originally documented width of the shared path that runs parallel to this bus bay can be maintained otherwise provide justification for the reduced width of pathway 3. Bike Line marking to Aquatic Drive Northern kerbline. Current design anticipates that all cyclists will use the shared path along the southern footpath and crossover at the intersection to the north side. Provide justification for the change. 4. Provide a turning path for an articulated bus particularly within the bus zones <p>Plus commentary on two drawings:</p> <ul style="list-style-type: none"> • The proposed raised pedestrian crossing in Rodborough Road needs to provide for a combined pedestrian and cycling crossing. The crossing must consider lighting for pedestrians per AS1158.4 2015T •
2/7/2024	ADCO representative issues a response to NBC representative to queries along with revised plans	
25/7/2024	Email from NBC representative to ADCO representative	<p>NBC comments include:</p> <ul style="list-style-type: none"> • Concerns as to the Shared Path width to Northwestcorner of Allambie Rd/Aquatic Drive intersection • Requirement for a Pedestrian Refuge to Allambie road (Not included in original Enstruct drawings) – near Arnhem Rd • Intent for accessible on street parking • Is access to SSU Car park controlled • Is there a need for additional on-street Drop off/pickup areas in Aquatic Drive
12/08/2024	Meeting at NBC office at 55 Middleton Road, Cromer. With ADCO, Johnstaff, SINSW and NBC attendees:	<p>Issues discussed include:</p> <ul style="list-style-type: none"> • ADCO to complete a safety in design check of the the proposed location by NBC of the pedestrian refuge on Allambie Road opposite Arnhem Road • Design to be updated to show existing on road cycle path on the north side of Allambie Road removed

		<ul style="list-style-type: none"> • ADCO engineer to look at options to maximise clearance for shared path to north west • Footing designs to be considered when designing the signalised intersection • ADCO to review design of pedestrian crossing on Rodborough Road
19/08/2024	Meeting at NBC office at 55 Middleton Road, Cromer with ADCO, Johnstaff, SINSW and NBC attendees:	<p>Issues discussed include:</p> <ul style="list-style-type: none"> • ADCO to update the consolidated design pack and issue to NBC for in-principle agreement • NBC to issue their Equivalent Standard Axle (ESA) design criteria and the extent of pavement rectification • ADCO Engineer to conduct safe stopping checks on the proposed pedestrian refuge locations plus line of sight study. There are 2 options. • ADCO Traffic Engineer to commission a Road Safety Audit (RSA) on the 2 refuge options
30/08/2024	Email from NBC representative to ADCO representative	Provision of design traffic loading for Allambie Road, Allambie Heights
2/09/2024	Email from NBC representative to ADCO representative	NBC representative advised happy to provide in principle support for the design, subject to formal application under S138 and concurrence from TfNSW.
16/10/2024	Email from ADCO representative to NBC representative	RSA for the road infrastructure works highlights a number of issues that may need to be addressed. A meeting is to be arranged ADCO requests additional time to update the drawings for the traffic committee meeting on the 6/11/24. Aim is to have these drawings issued by COB 30/10/24
22/10/2024	Email from ADCO representative to NBC representative	RSA received for pedestrian refuge options received with both flagging serious safety concerns
28/10/2024	Email from ADCO representative to NBC representative	NBC were advised that given the risks associated with both proposed locations for a pedestrian refuge, on Allambie Road near Arnhem Road, SINSW will not approve the construction of a pedestrian refuge here. As advised, ADCO will be removing both options for the pedestrian refuge from the plans for submission for both the section 138 and the traffic committee meeting.
28/10/2024	Email from ADCO representative to NBC representative	Detailed Design Layout drawings issued to NBC for inclusion within the 6 November 2024 Local Traffic Committee
5/11/2024	Email from NBC representative to ADCO representative	NBC representative advises TFHS OSI matters deferred to the 3 December 2024 LTC meeting
5/11/2024	Detailed Design pack submission by ADCO to TfNSW representative	
13/11/2024	TfNSW representative issued pavement review by TfNSW representative. Comments from other teams in TfNSW were not provided.	<p>Issues identified by TfNSW with respect to pavement include:</p> <ul style="list-style-type: none"> • Increased depth in pavement as a result of non-relevant CBR values.

		<ul style="list-style-type: none"> • Non-compliant lane width as a result of the boundary constraints
25/11/2024	ADCO representative emailed TfNSW representative for a meeting on pavement issues and to follow up review responses from the other teams from TfNSW	No response
3/12/2024	<p>LTC for December 2024 held 3/12/24.</p> <p>Minutes published on 10 December 2024</p>	<p>Comments made at the LTC</p> <ol style="list-style-type: none"> 1. The Local Member's representative raised concern about the shared pathway and a request for a separate bike lane. NBC advise there is insufficient space. 2. The Keolis Downer LTC representative raised a concern as to whether replacement of roundabout with a signalised intersection is best option. Suggestion of a roundabout with signal control at peak times. <p>The Traffic Committee defer the following recommendations to a future meeting:</p> <ol style="list-style-type: none"> 1. The construction of a raised shared user crossing on the western leg of the Rodborough Road and Allambie Road intersection. 2. Removal of the on-road door zone cycle lanes on Aquatic Drive, and Allambie Road between Aquatic Drive and Sunlea Place. 3. Removal of the existing bus stop on Allambie Road northbound, north of Arnhem Road 4. Provide in principle support for the conversion of the existing roundabout at the intersection of Allambie Road and Aquatic Drive to a signalised intersection (subject to TfNSW approval) 5. Provision of 63m of kiss and drop parking on the southern kerb in Aquatic Drive and 73m on the northern kerb in Aquatic Drive. 6. Provision of 62 m of school bus zone on the southern kerb in Aquatic Drive, immediately west of the proposed traffic signals:
13/01/2025	ADCO representative email to NBC representatives	<p>Draft responses to the following key concerns:</p> <ol style="list-style-type: none"> a) shared pathway (including bikes) b) additional travel time for buses using signalised intersection (as opposed roundabout) suggestion by Keolis Downer rep of retention of roundabout with signals c) construction of raised shared user crossing on Rodborough Road d) removal of on road cycle lanes on Aquatic Drive and Allambie Road between Aquatic Drive and Sunlea Place e) removal of the bus stop on Allambie Road, f) conversion of signalised intersection, g) provision of kiss and drop 63m south of aquatic drive, 73m north side, h) 63m school bus zone
14/01/2025	Meeting with NBC, ADCO, Johnstaff and NBC representatives	<p>Key issues discussed:</p> <ul style="list-style-type: none"> • Share path design options • Keolis Downer rep suggestion of signalising the roundabout

		<ul style="list-style-type: none"> • Kiss & Drop and bus zones • Bus stop removal Allambie Road • Any progress on NBC review of Section 138 documents submitted
15/01/2025	Email from NBC representative	<p>The two main issues:</p> <ol style="list-style-type: none"> 1. Northwestern splay corner issue at the intersection of Aquatic Drive and Allambie Road a point of pedestrian congestion 2. Shared User Path and pinch points along the school frontage between the driveway at 187 Allambie Road Allambie Heights and the western end of the proposed bus bay on Aquatic Drive. Request for a 4m wide shared path along the school boundary.
22/01/2025	ADCO representative emails TfNSW representative for a meeting on pavement issues and to follow up review responses from the other teams from TfNSW	No Response
26/02/2025	Meeting with NBC at NBC chambers with ADCO, TfNSW, Johnstaff and SINSW representatives:	<p>Re-cap on 3 key items raised at December LTC:</p> <ol style="list-style-type: none"> 1. pedestrian/bike user safety concerns on the north-west corner of the intersection of Aquatic Drive and Allambie Road, 2. pedestrian/bike user safety concerns at the northern entrances and boundary to the school 3. the crossing of Allambie Road on the east side of the school. <p>Presentation of upgraded roundabout, proposed north west and north east intersection improvements, increased of shared path width to 4m except in a few locations where constrained, upgrade to pedestrian refuge south of Sunlea place, timing for submission of two Section 4.55 Modifications and timing of provision of revised concepts for April 25 LTC</p>
6/03/2025	Email from TfNSW representative with comments on revised design	<ol style="list-style-type: none"> 1. Request for pedestrian fencing on kerb side of paths. 2. Ensure raised pedestrian crossing meets all Standards 3. Potential for queuing through roundabout. SIDRA modelling to be provided <p>TfNSW still prefersignals</p>
13/03/2025	Meeting with NBC via Teams with ADCO, TfNSW, Johnstaff and SINSW representatives	<p>Review of actions from the last meeting and revised concepts showing:</p> <ol style="list-style-type: none"> 1. Bowe kerb added to north west 2. 2.5m wide shared path to north west 3. 1.5m wide made good path to north east (replacing existing at 1.2m wide) 4. Turning circles/swept path analysis for adjusted roundabout 5. SIDRA modelling for adjusted roundabout 6. 4th bus stop added to Aquatic Drive 7. Annotated plans for LTC highlighting key changes 8. Timing for complete set of Concept Designs <p>Response to 4 items raised by TfNSW on 6/03/25:</p> <ol style="list-style-type: none"> 1. Pedestrian fencing will be kerb side on north west shared path and along the shared path running along the boundary 2. The raised pedestrian crossing does meet all Standards

		<p>3. SIDRA modelling shows an improvement to Level of Service (LoS) "A" versus "D" for the signalised intersection. The pedestrians are now crossing on Aquatic Drive, +50m away from the roundabout</p> <p>4. The raised pedestrian crossing well away from the intersection with the provision of fencing, presents significant safety benefits in removing all pedestrian crossing movements from the intersection, the majority of which will be students, where there would be interaction between the vehicle and pedestrian crossing movements and therefore opportunity for associated safety risks</p> <p>Other item: NBC requests evidence from the Civil Engineer that a 4m wide shared path along the entirety of the northern boundary has been investigated.</p>
20/3/2025	Johnstaff representative email to NBC representatives	<p>Documents provided for the 1 April 25 LTC,</p> <ul style="list-style-type: none"> Annotated layout plans Traffic Engineer letters x 2 Sweepth path analysis Evidence of consultation with TfNSW bus team Civil concept plans along with signposting and line marking plans.
1/04/2025	Email from ADCO representative to NBC representative	Rodborough Road road crossing will likely be submitted the week of the 12/5/25 with a preliminary design for the street lighting and the original RSA
10/04/2025	Email from NBC representative to ADCO representative	Some items were endorsed and not approved due to the need for the SSD Mod to be lodged prior to approval.
10/04/2025	1 April LTC meeting minutes issued	<p>Comments made at the LTC</p> <ul style="list-style-type: none"> SINNSW representative explanation as to reason for upgraded roundabout and changes to accommodate wider shared path Safety concerns with the school opening in advance of all works being complete Council traffic counts to be undertaken <p>Recommendations</p> <ol style="list-style-type: none"> Support the request for additional community consultation on the changes to the scope that was previously part of the SSD Application process, noting that a Modification application is required to be approved by the Department of Planning and Environment for these changes to design to be implemented Endorses the concept plan for the construction of a raised shared user crossing on the western leg of the Rodborough Road and Allambie Road intersection, subject to the provision of detailed design and supporting streetlighting design and Road Safety Audit for consideration of Council and TfNSW prior to approval under Section 138 of the Roads Act 1993 by the relevant Roads Authority

		<ol style="list-style-type: none"> 3. Endorses the concept plan (Attachment 1 – Option 6 Design Layout Plans 12 March 2025) to upgrade of the Aquatic Drive and Allambie Road Roundabout and the provision of the raised pedestrian crossing on Aquatic Drive, subject to the provision of detailed design and supporting streetlighting design and Road Safety Audit for consideration of Council and TfNSW prior to approval 4. Endorses the concept plan (Attachment 3 Option 6a_25.03.25) for the provision of a 4- metre-wide shared user path inclusive of the realignment of the southern kerb along the Allambie Road frontage and associated road pavement works, subject to the provision of detailed design and supporting Road Safety Audit for consideration of Council and TfNSW prior to approval 5. Endorses additional works at the bus stops on Allambie Road near Sunlea Place (TSN210095 and TSN210099) to accommodate the additional servicing requirements of the Bus Operators, subject to the provision of detailed design and supporting Road Safety Audit for consideration of Council and TfNSW prior to approval 6. Approves the removal of the on-road door zone cycle lanes on Aquatic Drive, and Allambie Road between Aquatic Drive and Sunlea Place. 7. Approves the removal of Bus Stops between Aquatic Drive and Arnhem Road on Allambie Road (TSN210074, TSN2100177, and TSN210096) on safety grounds. 8. Approves the provision of kiss and drop parking (No Parking 8AM-930 AM and 2.30PM -4PM School Days) with 36m on the southern kerb in Aquatic Drive and 62m on the northern kerb in Aquatic Drive, generally in line with Attachment 2- Option 6_Signposting and Line marking plans. 9. Approves the provision of 62 m of school bus zone on the southern kerb in Aquatic Drive and 30 m of school bus zone on the northern kerb in Aquatic Drive, generally in line with Attachment 2- Option 6_Signposting and Line marking plans 10. Notes that additional works are likely to be required within the area of influence of the school. This may include additional footpath provision within the 400m walking catchment of the new school, additional parking restrictions in the adjoining streets to improve resident access to street parking, additional traffic facilities to improve community safety. These are currently to be identified once the operation of the school commences and student number ramp up to the 1500 maximum student intake. Additional works are outside of the current project scope and will need to be funded by
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		<p>Council or TfNSW through program grants in future years.</p> <p>11. Endorses the designs for traffic control signals for the intersection of Allambie Road and Aquatic Drive be progressed in parallel to the design for the roundabout improvements at the intersection.</p> <p>12. Endorse a letter be written to Schools Infrastructure raising concerns about the planned opening date of the school prior to the delivery of the abovementioned supporting transport and parking management measures.</p>
9/05/2025	Email from ADCO representative to NBC representative	Submission fo S138 documents for the Rodborough Road intersection

TfNSW Bus Planning (BP) team

Date	Correspondence/ Meeting	Key outcomes
21/01/2025	Johnstaff representative email to BP representative	<p>Request to commence consultation for the relocated bus routes.</p> <p>1. Who is the best person to speak with at TfNSW?</p> <p>2. Indicative timelines for consultation?</p> <p>3. Are the existing school bus routes privately operated or operated as part of Keolis Downer wider Northern Beaches Council contract?</p>
21/01/2025	BP representative email to Johnstaff representative	Two regions operate buses to Forest High and there are two representatives best to liaise with,
22/01/2025	Johnstaff representative email to BP representative	AT list of current buses in operation that serve the existing Forest High School and along Allambie Road.
24/01/2025	Kickoff meeting to discuss public bus and school bus service to the new site Attendees: Representatives from TFNSW Bus (BP) team, Johnstaff, SINSW, SCT Traffic Engineers	
31/10/2025	Meeting with BP, SINSW and Johnstaff representatives	<p>Key topics discussed with the TfNSW bus planning team:</p> <p>1. The School Transport Plan (STP) and Interim STP</p> <p>2. Bus stop locations</p> <p>3. School bus and public bus routes</p> <p>4. Bus zone capacity and required layover/bus standing zones</p> <p>5. OSI Design</p>
13/02/2025	BP representative- email to Johnstaff representative	TfNSW bus planning team will survey the students arriving at different stops around current Forest HS area
19/02/2025	BP representative email response to Johnstaff representative	Site Bus Survey was successful and the outcome will be discussed with bus operators
28/02/2025	BP representative email to Patrick Wright Johnstaff representative	Bus zone on south side (Aquatic Dr) to accommodate at least 3 buses will be a bare minimum requirement, due to the difficult and time consuming turnaround for the buses arriving at the

		<p>school to find that the bus zone is already taken by other buses (particularly in afternoon</p> <p>Secondly to facilitate easy access to campus and for buses arriving from south ideally having a bus zone on north side is required. For example If the below tentative plan goes ahead for 730n then bus zone on north side will be beneficial or the other option will be to drop students at closest stop on Aquatic Drive</p>
13/03/2025	BP representative email to Johnstaff representative	Keolis Downer (Northern beaches bus operator) and CDC (North-West bus operator) have been sent the first draft of proposal for comment.
19/03/2025	Johnstaff representative email to BP representative	BP forwarded the latest Forest High Off-Site Infrastructure concept designs, Aquatic Drive bus zone arrangements and the 4th bus stop added.
20/03/2025	BP representative email to Johnstaff representative	<p>Confirmation from private bus operator Keolis Downer and BP team that concepts provided are acceptable:</p> <p>No objections to the Bus Stop locations with three on the southern side and the one on the north along with the wombat crossing.</p> <p>BP team will keep working with local operator to chalk out an operational plan incorporating the planned infrastructure.</p>

Yours faithfully,
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