Analysis of Parking Demand Measures

Short Term Measures

2	Church Point Reserve Carpark and all other parking in Church Point to be free for Pittwater Parking Permits weekdays only, between the hours of 6am and 6pm as there are ample spaces available during these hours. This will also have a beneficial flow on effect for local	Only Church Point Permit holders are exempt from parking fees.	Resident Groups	Not supported as: Unlikely to yield any benefits in terms of managing existing parking. Likely to add to the confusion due to the different fee arrangements applying at different times of day and day of week Creates additional parking demand during the 'free' parking period as well as those that tend to overstay	This measure is not supported for the reasons outlined in the GTA's report. The free parking proposal for resident permits does not serve to manage the available parking spaces and does not address the competition for the limited resource.	Measure not supported
3	businesses. Increase number of 4P 'Pay and Display' spaces in Church Point Reserve Carpark	Arrangement in the Church Point Reserve Carpark: • 10 spaces marked 4P 'Pay and Display' 9.30am to 7.30pm (no permit exemptions) • Remainder of spaces 'Pay and Display' up to 7 days with Church Point Permit Holders exempt from payment or time restriction.	Council	N/A	4P 'Pay and Display' spaces to be increased to 20 once new car park is complete. This will increase spaces available for visitors, assisting local businesses.	Following completion of new car park, the number of 4P 'Pay and Display' spaces in the Church Point Reserve Carpark to be increased to 20 spaces.

4	Church Point streets to be designated 4P, Pittwater Parking Permits exempt. This would limit visitors outside the LGA from parking for extended periods and conversely allow all Pittwater residents full time free parking.	Church Point residential streets are unrestricted parking.	Resident Groups	Only Church Point Parking Permit is to be applicable within Church Point. Mainland residents are to be allowed a maximum of one permit per household at a charge. Offshore residents are to be allowed a maximum of two permits per household with the first permit at a discount and second permit at say two times the first permit.	The measure in this form is not supported. Residential streets to be 4P 6am to 10pm. This will prevent visitors parking all day but will allow Pittwater Parking Permit holders, including off shore residents who hold a permit, overnight access to these streets should they be unable to find parking elsewhere. This measure is not likely to improve parking for residents on local streets. This area does not meet the RMS' guidelines for Resident Parking Schemes, which state resident parking schemes can only be considered where residents have no off street parking or limited off street parking and also have no unrestricted street parking near their residence and the place of residence cannot be easily modified. While offshore residents satisfy these requirements, onshore residents do not. It is therefore preferable to consider an alternative 4P restriction on these	Measure partially supported A recommendation be made to Council's Traffic Committee that Church Point residential streets (Baroona Street, Easteview Road and Quarter Sessions Road) be changed to 4P 6am to 10pm. On-street parking in these streets is to be evaluated, with a view to optimising available spaces where possible and improving safety.
5	Research ways to	NA	Residents	Supported.	streets. Supported. These measures are	Measure supported
3	encourage visitors, marina users, boat owners and holiday makers to use alternate transport to Church Point.		Group	- Сарропоа.	discussed below.	Council to consider ways to encourage visitors, marina users, boat owners and holiday makers to use alternate transport to Church Point.

6	Exclude Pittwater Parking Permit holders from parking on all residential streets in Church Point.	Pittwater Parking Permits do not confer any special parking privileges in Church Point.	GTA	Pittwater Parking Permits to be made invalid to all on-street parking facilities within Church Point including all residential streets.	This is not supported as it would exclude residents from the rest of Pittwater from parking on-street in Church Point. No other on-street parking exemptions for Pittwater Parking Permit holder currently apply anywhere in Pittwater.	Measure not supported
7	Implement daytime time restrictions on all residential streets in Church Point.	Church Point residential streets are unrestricted parking.	GTA	All on-street parking spaces within residential streets within Church Point are to be made 4P from 6:00am to 6:00pm 7 days a week. Church Point Parking Permits are not valid.	This measure is supported in principle. All residential streets to be 4P 6am to 10pm. This arrangement will limit the length of stay of cars during the day, but still enable off-shore residents who are unable to find parking elsewhere of staying here overnight only.	Measure supported. A recommendation be made to Council's Traffic Committee that parking in all residential streets in Church Point (Baroona Street, Eastview Road and Quarter Sessions Road) to be restricted to 4P between 6am to 10pm.
8	Limit Church Point Parking Permits to Church Point communities only (including off- shore communities). Restrict mainland residents to one Church Point Parking Permits per household.	Church Point Parking Permits generally available. People living outside Pittwater pay additional 10% surchage.	GTA	Church Point parking permits to be available for residents living in Church Point only (including offshore) with mainland properties only permitted one Church Point parking permit per household.	This measure is not supported it would discriminate against other Pittwater residents and visitors and would effectively create an exclusive parking zone for particular Pittwater residents. It would also be complicated to administer.	Measure not supported

9	Discourage purchase of multiple Church Point Parking Permits	No limit on number of Church Point Parking Permits that can be purchased.	GTA	Off-shore residents permitted one Church Point Parking Permit per residence. This permit to be at a discount rate (relative to price paid by mainland residents). A second (Church Point) permit for off-shore properties should be allowed, but at additional charge (such as two times the cost of the first permit). Any additional parking permits (third and subsequent permits) should not be permitted.	This measure is partially supported as a method of limiting vehicle numbers and encouraging other methods of transportation. Both limiting the number of permits that may be purchased and increasing permit prices is not supported as this would potentially penalise larger families double fold. Introducing a sliding scale fee will encouraging the use of other methods of transport is preferred as an initial first step. However it is important that the impact on parking demand is monitored.	Measure supported in principle. That the Schedule of Fees and Charges in the draft Delivery Program and Budget 2016-2020 incorporate a sliding scale for Church Point Parking Permits. Permits. Permits are to be priced on a sliding scale with the second and subsequent permits purchased by households priced at 1.5 times the price of the first. The impact of this change on demand for permits is to be monitored.
10	The issuing of Church Point Business Parking Permits is to be ceased	Church Point Business Parking Permits may be granted on application for businesses that can prove they need access to off-shore communities as part of their trade.	Council	N/A	To simplify the Church Point Business Parking Permit system and to prevent potential abuse of a permit which is considerably cheaper than a general Church Point Parking Permit and noting the purchase of these permits is a tax deductible expense to a business these types of permits should be eliminated and businesses requiring permits may purchase a general permit.	Measure supported. Church Point Business Parking Permits to no longer be offered for sale.
11	Implement time restriction along Pittwater Road and McCarrs Creek Road.	Pittwater Road spaces are 1P. McCarrs Creek Road spaces are 4P (free) with a blanket exemption on Church Point Parking Permits.	GTA	All parking spaces on Pittwater Road and McCarrs Creek Road are to be made 2 hour parking (2P) from 6:00am to 6:00pm seven days a week. Church Point Parking Permits are not valid.	This measure is not supported as it will have a significant impact on those reliant upon access to this car parking. Current situation to remain.	Measure not supported.

12	Provide a small number of short term (30 Minute) parking spaces at the Cargo Wharf car park for use by off-shore residents as loading spaces.	Parking in the Cargo Wharf car park is unrestricted. There are also some 30 Minute parking Cargo Wharf and outside the General Store.	GTA	The parking spaces at the Cargo Wharf car park can be converted to provide short term loading spaces for all offshore residents. These spaces should be restricted to 30 Minute parking at all times. All parking permits are excluded in these spaces.	The provision off short-term parking spaces is supported as the existing 30 minute drop-off zones are currently well utilised. The spaces identified by GTA to be utilised as loading spaces will be lost as part of the seawall and McCarrs Creek Road realignment, however additional 30 minute spaces are to be provided along the realigned road, adjacent to the Commuter Wharf.	Measure supported in principle. Existing 30 minute timed parking to be maintained. Additional 30 minute spaces to be provided along realigned road.
Enfo	orcement					
13	Dedicated foreshore ranger.	Council has introduced a dedicated foreshore Ranger.	GTA	Council to provide a dedicated ranger to enforce restrictions at Church Point.	This ranger service has been introduced and is functioning well with the initial focus being on education and awareness in particular around car parking, dinghy tie ups and use of the Cargo Wharf. More recently the focus has included the valid use of the facilities and traffic management requirements. Regular surveillance is encouraging reasonable turnover of spaces.	Measure already implemented
On S	Street Parking Config	guration				
14	Restrict parking along one side of narrow residential streets.	No signage generally exists.	GTA	All residential streets with a carriageway width less than 7.2m are to be signed "No Stopping" along one side. Parking permitted along opposite side.	This safety initiative, in particular to facilitate emergency and service vehicle access as well as access to properties, is supported and warrants consideration by Council's Traffic Committee.	Measure supported. A recommendation is to be made to Council's Traffic Committee that all residential streets (Baroona Street, Eastview Road and Quarter Sessions Road) with a carriageway width less than 7.2m to be parking on one side only.

<u> 4 E</u>	Dovious	N/A	Council	N/A	Council to rovious the assument	Magazina arrandaria d
<mark>15</mark>	Review	IN/A	Council	IN/A	Council to review the current	Measure supported
	configuration of all				configuration of parking spaces in	
	existing car				Church Point and where necessary	Council's Traffic
	parking spaces in				consults with relevant stakeholders.	Engineers to undertake
	Church Point, with					a review of current
	the view to				These could include reviewing the	configuration of all
	optimising the				following parking arrangements:	parking spaces at
	number of parking				Church Point Reserve Carpark –	Church Point. Any
	spaces and				review current configuration to	recommendations are
	improving safety.				increase short-term parking for	to be reported to the
	improving salety.				motorcycles, disabled spots and	Traffic Committee for
						endorsement.
					general parking spots. This may	endorsement.
					include a dedicated entrance and	
					exit, a one-way car movement	
					system, removal of non-	
					indigenous trees and restrictions	
					enforcing 90 degree parking only.	
					Triangular car park at Bothams	
					Beach - this car park is currently	
					unrestricted and currently holds	
					cars that appear to be	
					permanently 'stored'. Time	
					restrictions could be implemented	
					in this car park.	
					Australia Post Pick-Up Zone –	
					liaise with Australia Post in	
					relation to pick-up times. If	
					possible, allow space to be	
					utilised at other times and sign	
					accordingly.	
					 Parking along McCarrs Creek 	
					Road – this area should be	
					examined by Council's Traffic	
					Engineers with a view to	
					optimising the number of spaces.	
					This may include reconfiguring	
					existing line markings.	
					 Local Streets – Council's Traffic 	
					Engineers should examine the	
					parking arrangements in the local	
					streets to ensure safe egress and	
					ingress from properties and	
					optimise parking spaces where	
					possible. This could include line	
					marking along streets.	
Report	to Council for meeting	held on 7 December 2015)			

Alte	Alternative Transport Options								
16	Introduce car- share scheme		GTA	The re-introduction of a share car program could be a key driver of reducing the need to own a private motor vehicle and thus reducing car parking demands; especially for multiple car households	previously with dedicated spaces in the carpark made available for this purpose.				
17	Make public transport timetables more easily accessible	N/A	GTA	A public transport information board advising bus services operating to and from Church Point should be displayed in a prominent location, close to the activity hub in Church Point.	information can be facilitated via	Recommendation: Council to liaise with Transport for NSW to introduce a public transport information board at Church Point.			

Long Term Measures

No.	Measure	Current Arrangement	Proposed by	Comment from GTA	Comment from Council	Recommended		
Supply Measures								
18	New carpark	N/A	GTA	Council to proceed with the new carpark as currently planned.	This reinforces Council's resolution of 16 December 2013.	Measure supported The proposed parking arrangements in new car are as follows: - 2 x 5 minute spaces - 4 x disabled spaces - 60 x licenced spaces - Remaining to be 4P 'Pay and Display' spaces In addition, Church Point Permit holders allowed exclusive use of a portion of car park between 6pm and 6am		
19	Expand the McCarrs Creek Reserve Car Park.	N/A	GTA	Expansion of the McCarrs Creek Reserve Car Park will allow offshore resident parking demand to be relocated here as an overflow car park. It is noted that there are several issues which may mean that this option is not viable.	The recommendation that McCarrs Creek Reserve be further considered as an overflow commuter carpark is not supported for the following reasons (and as indicated in the PoM and previous reports to Council): Located on a Crown Reserve under the care, control & management of Council and as such there would need to be a change to the PoM and the approval/concurrence of the State Government. It is noted that the Crown is generally averse to commuter parking on a Crown Reserve and reluctantly agreed at Church Point Reserve as part of the PoM deliberations, due to the historical circumstances and social	Measure not supported		

		need and on the basis that there be a
		fee for use.
		Adds over 7km to each return car
		journey relative to the main carpark
		at Church Point – this increases the
		number of car trips on this narrow
		and winding section of McCarrs
		Creek, adds to fuel consumption and
		greenhouse gas, and adds to the
		overall combined journey distance
		and time taken.
		Adds about 4km return to the dinghy
		boat journey compared to Church
		Point Commuter Wharf noting that
		Church Point is only about 350m
		from closest western foreshores
		properties and 500m to closest
		Scotland Island properties – this
		significantly adds to journey safety,
		time and fuel consumption, in
		particular when added to the extra
		car journey.
		In addition, the boat journey along
		the McCarrs Creek waterway is
		congested with moored boats adding
		to safety concerns, particularly at
		night and is a low speed zone.
		Adjoining residents would also be
		subjected to added noise from
		outboard motors along this waterway
		Commuters would be travelling to the
		southern extremity of the McCarrs
		Creek inlet by car to then come back
		out again by dinghy which would add
		to an already complex commute.
		McCarrs Creek Reserve is currently
		closed from sunset to dawn for
		security reasons with vehicles
		required to be removed. Being an
		isolated location overnight parking
		would be less safe and less secure
		for both vehicles and occupants.
		An additional carpark and Commuter
1		An additional carpark and Commuter

20	Restrict parking in private marinas that is not related to the lease of a berth.	some marinas in	GTA	Council to investigate the use of marina parking not related to the lease of a berth and take action to prevent this occurring. This practice reduced parking capacity for genuine marina users.	Wharf would need to be built given that McCarrs Creek Reserve is already a popular recreational venue – this will increase hard stand and as such take away existing green space right next to the National Park. This green space is important for recreation as well as habitat. There is no connecting footpath or cycle facility to Church Point. The closest bus stop at the turning circle would be about 500m away with no footpath connection. There is no ferry service to this area and is unlikely to be added as a regular stop. A fee for use would still need to be applied. Council has limited authority over private marina parking and any actions would be costly and unlikely to yield any significant result.	Measure not supported
21	Management of private mooring licenses	-	GTA	Negotiate with RMS to provide additional resources and funding to manage parking demand generated by the private mooring licenses.	Council has approached the RMS to conduct a review of the Pittwater Waterway infrastructure, activities and development controls. In addition, a review of private mooring licences should also be undertaken. An audit of current practice may be warranted however the recommendation to take further action to prevent this practice may merely add to the long stay parking and dinghy tie up pressure at Church Point and as such could be counter-productive.	Measure supported. Council to negotiate with RMS to provide additional resources and funding to manage parking demand generated by the private mooring licenses.

Park	ing Permits, Time R	estrictions & Fees				
22	Following completion of new car park, impose time restrictions and discourage off-shore residents from using Church Point Reserve car park	Arrangement in the Church Point Reserve car park: 10 spaces marked 4P 'Pay and Display' 9.30am to 7.30pm (no permit exemptions) Remainder of spaces 'Pay and Display' up to 7 days with Church Point Permit Holders exempt from payment or time restriction.	GTA	Following completion of the proposed parking structure on McCarrs Creek Road, parking spaces within the Church Point Reserve car park is to be designated 4 hour parking (4P). In addition, half of the parking spaces within the Church Point Reserve car park are to be Church Point parking permit exempted from 6:00pm to 6:00am. That is vehicles displaying a valid Church Point parking permit can park longer stay up to 10P without charge. The remaining half of the proposed 4P parking area is not exempted i.e. Church Point parking permit not valid.	The GTA recommendations are not supported given the significant impact this would have on current car parking. This in turn impacts the pressing social need for parking and potentially affects the viability of the new carpark as it relies on income from the precinct to repay loan commitments. In this regard, the PoM and subsequent reports to Council articulate the quadruple bottom line need for additional car parking, in particular the social need. The GTA parking restrictions are therefore not supported and the alternative arrangements be considered.	Measure not supported
23	Increase the Pay & Display Fees at Church Point Reserve Car Park to \$5 per hour.	Pay & Display fees at Church Point Reserve Car Park are currently \$3.40 per hour.	GTA	This fee increase may influence parking demand and would need to be balanced against the economic impact of a fee increase on local businesses and recreational use. It is noted that the general Pittwater Parking Permit does not currently apply at Church Point and as such this fee change would affect all residents and visitors if not using a Church Point Parking Permit. It should be noted that a recommendation is to allow the Pittwater General Parking Sticker to provide parking exemption Monday to Friday from 8am to 5pm and this may offset in part the concern of a fee increase.	An increase from the current \$3.40 per hour to \$5 per hour is an increase of 32%. It is recommended a more modest fee increase to \$4 per hour (15% increase) be introduced across the whole of Pittwater to ensure equity of all 'Pay and Display' parking users. This may influence parking demand and would need to be balanced against the economic impact of a fee increase on local businesses and recreational use. It is noted that the Pittwater Parking Permit does not currently apply at Church Point and as such this fee change would affect those without a Church Point Parking Permit.	Supported in principle That the Schedule of Fees and Charges in the draft Delivery Program and Budget 2016-2020 be amended to increasing 'Pay and Display' parking fees from \$3.40 to \$4 per hour for the Pittwater LGA.

Enfo	Enforcement						
24	Implement a car park control system at Church Point Reserve car park.		GTA	A car park control system (i.e. boom gates at all access points to the car park facility) could improve the turnover of the car park thereby increase the car park capacity without the need to physically provide additional parking spaces. A related benefit is that users do no over stay the maximum permitted duration.	Newer technologies, such as in ground parking sensors, may be available in lieu of a boom gate to achieve the same outcome. These technologies are currently being investigated for some of Council's primary car park locations and they may be applicable to the Church Point precinct also, including the new car park.	Supported in principle. Council investigate new parking technologies generally for the Pittwater area that may also provide benefit to the Church Point precinct.	
	y Measures				.		
25	Conduct a parking study with a view to overhaul existing parking requirements for all types of new developments going forward.	Current parking rates are outlined in Council's DCP.	GTA		This is supported.	Measure supported.	
25	Require all new non-residential developments to prepare a Transport Management Plan (TPM) for specific events where large numbers of visitors are expected to attend.		GTA	Council to put in place a policy requiring all new non-residential developments that attract visitors/patrons to the site to provide a TPM for specific events where large numbers of visitors are expected to attend. The management plan is to detail the measures the site owner will implement to reduce travel by private cars and encourage more sustainable transport modes such as public transport and (decentralised) car parking. In addition, all future developments are to prepare a green travel plan and travel access guide to assist building occupants and visitors to make more appropriate travel choices. Council to require all developments to prepare and implement a green travel plan and travel access guide.	initiatives for developments and events at Church Point can be considered as part of Development Applications/consents as well as by negotiation.	Measure supported. Council to undertake the necessary amendments to Council's DCP.	
26	Monitor development	The Passadena currently has a	Council		The Passadena represents an important site in the Church Point area and its	Measure supported	

	outcomes as the	limited number of		development could help create a	Council to enter into
	Passadena site	parking spaces		precinct area. However, any	discussions with the
	as this will	on-site.		development of the Passadena will	current owners of the
	generate greater			create further parking demand. The	Passadena site in
	parking demand.			GTA report estimates the need for 40	relation to their future
	paring account			spaces would be associated with the	intentions for
				Passadena's development.	development and/or
				i doddona's do ospinena	sale.
Δltei	rnative Transport O	ntions		<u>l</u>	Jaic.
27	Council may	5.110110	GTA	The RMS' Guidelines state that 2km for	Measure supported
	consider the		0170	walking and 5km for cycling (dependent	measure supported
	provision of			upon the access gradients) is	Council to consider the
	pedestrian and			reasonable as part of a regular	improvements to
	•			commute to a public transport node or	•
	cycle facilities to				pedestrian and cycle
	promote active			similar destination. Although the Scenic	facilities to promote
	transport for short			Foreshore Pathway and other pathway	active transport for
	trips from Church			links provide reasonable pedestrian	short trips from Church
	Point to other			access from Church Point to Mona Vale	Point to other
	destinations such			the distance involved is almost 5	destinations such as
	as Mona Vale.			kilometres to the main bus stop at Mona	Mona Vale as part of
	This could be in			Vale.	2015/2016 review of
	the form of				Pittwater Cycle Plan
	providing new			The existing gravel path segment of the	and Pedestrian Path
	pedestrian and			foreshore pathway is also only suitable	Plan.
	cycle networks			for family based recreational cycling with	
	and/or upgrade of			care and not for regular commuter	
	existing			cycling given the generally higher cycle	
	infrastructure to			speeds involved with the latter. The on-	
	provide for safer			road shoulder is also narrow or not	
	and convenient			continuous. There is limited practical	
	alternative			ability to widen the gravel pathway or	
	transport options.			the road shoulder due to existing	
	This would not			constraints.	
	only reduce			oon out an income	
	demand in			Council has recently been successful	
	Church Point, but			with a reduction in the speed limit from	
	would also			60kph down to 50kph on McCarrs Creek	
	promote healthier			Road from Church Point Reserve to the	
	lifestyles			Ku-ring-gai National Park boundary.	
	III COLYICO			This adds to the existing 50kph from	
				Cabbage Tree Road to Church Point	
				Reserve. The reduced speed and	
				recently painted bike logos and signage	

28	Shuttle-bus	No shuttle bus service currently exists.	GTA	Provide a shuttle bus service at no cost to Council. Negotiate with Transport for NSW to convert existing scheduled route service into a shuttle service on a temporary basis.	will reinforce that this is a high use on- road cycle route and the importance to safely share the road. Cycle node facilities can be provided at Church Point, at Mona Vale and other mid destinations along the route. There may also be interest in a bicycle hire scheme where users can pick up and drop off at recognised nodes. A shuttle bus feeder service that increases the frequency of bus times and hence user convenience may encourage further use of public transport. This could provide a more 'tailored service' and has been discussed with Transport for NSW as an adjunct to the proposed BRT. This may reduce the need for larger buses to travel to McCarrs Creek but would rely on an efficient bus interchange at Mona Vale to access BRT and other services. A shuttle bus could also be encouraged/required for larger private	Measure supported Council to approach Transport for NSW to commence a trial converting the existing scheduled route service into a high frequency shuttle bus service between Church Point and a BRT stop.		
					and public 'events/functions' centred on Church Point. This could possibly link with Council's Bungan Lane Car Park at Mona Vale at compatible times			
Othe	Other							
29	Storage lockers	No storage facilities currently exist.	GTA	Provide storage lockers near the Commuter Wharf.	This is supported in principle and could be further discussed with the off-shore Residents Associations with a possible location as an adjunct to the new car park facility, for example, under the upper access ramps.	Measure supported Council investigate including storage lockers as part of the design of the new car park		

Possible Future Parking Arrangements

NEW CAR PARK (122 spaces) Disabled 4P Pay & Display . P - portion spaces Church Point permit only 6pm to 6am Licensed CHURCH POINT RESERVE (303+ spaces) 4P Pay & Display (20 spaces) Disabled P – portion spaces Church Point permit only 6pm to 6am Motor Cycle SURROUNDING STREETS (Total number of spaces unknown until formalised by Traffic Committee - approx 154) 4P (6am to 6pm) CP Permit Exempt 4P (6am to 6pm) 4P (8am to 10pm) Loading zone (8am to 6pm) 30 min (7am to 8pm) 1P (8.30am to 7pm) 1P (9am to 5pm) CP Permit exempt Motor Cycle 5 min

