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To: "Direct to Mayor and Council - DL" <CCDTMACDL@vancouver.ca>

Date: 5/4/2017 5:28:45 PM

Subject: Car Share Parking at BC Children's and BC Women's Hospitals - RTS 11887

Attachments: ENG - Memo to Mayor and Council - Car Share Parking at BC Childrens andpdf

Dear Mayor and Council,

Please see attached Memo from Jerry Dobrovolony, General Manager, Engineering on car share parking at BC Children's and BC Women's Hospital.

A short summary of the memo is as follows:

- One of the key ways that the City supports car sharing is by permitting car share access to use all neighbourhood streets; in instances where car share vehicles cluster together and prevent residents from parking on their block, staff may install dedicated car share spaces nearby to divert demand.
- Near BC Children's and BC Women's Hospitals, the buildup of car sharing vehicles has been observed; however, only on the 800 block of West 28th Avenue have car share vehicles been observed to prevent residents from parking on their block.
- In the short-term, staff are exploring the expansion of the existing dedicated car share parking on the hospital side of West 28th Avenue. In the longer term, the City will work with the Hospitals to develop dedicated car share parking off-street.

If you have questions or require more information, please contact Jennifer Draper, Branch Manager of the Parking Management Branch, at 604.873.7370 or jennifer.draper@vancouver.ca

Best
Sadhu

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9/7/2017



ENGINEERING SERVICES
Jerry Dobrovolsky, P.Eng.
City Engineer/General Manager

MEMORANDUM

May 4, 2017

TO: Mayor and Council

CC: Sadhu Johnston, City Manager
Paul Mochrie, Deputy City Manager
Janice MacKenzie, City Clerk
Lynda Graves, Manager, Administration Services, City Manager's Office
Rena Kendall-Craden, Director, Communications
Kevin Quinlan, Chief of Staff, Mayor's Office
Katie Robb, Director, Communications, Mayor's Office
Naveen Girm, Director of Community Relations, Mayor's Office
Lon LaClaire, Director of Transportation

FROM: Jerry Dobrovolsky, General Manager of Engineering Services

SUBJECT: Car Share Parking at BC Children's and BC Women's Hospitals - RTS 11887

On February 7, 2017, Council cited concerns from residents adjacent to BC Children's and BC Women's Hospitals and enquired about steps that could be taken to better manage on-street car share parking near the hospitals.

Background

Car sharing has become a significant mode of travel in Vancouver. The City's 2016 Transportation Panel Survey found that 29% of Vancouver residents have access to a car share service. Today, there are four car share organizations in the City; two organizations offer "two-way" service (Modo and Zipcar) where each vehicle has a home location and two organizations offer "one-way" service (car2go and Evo) where members can end their trips anywhere in the service area. Currently there are over 2,700 car share vehicles operating in Vancouver.

Car sharing is supported by the City's Transportation 2040 Plan and has been found to reduce the overall number of cars on the road. In 2014, Metro Vancouver found that each car share vehicle (one-way and two-way) takes between 5 and 11 private vehicles off the road as car share members shed vehicles or forego vehicle purchases over time.

A more recent study of one-way car sharing in Vancouver (conducted by UC Berkeley) suggests that similar benefits exist, though more research would be helpful to better quantify the magnitude of those benefits.

One of the key ways in which the City supports car sharing in Vancouver is by permitting car share vehicles to access residential parking ("No Parking Except with Permit", and "Resident Parking Only"). This access is important because car sharing works best when services are available near members' homes.

In a small number of locations around the City, where there are large generators of auto trips (big employers, special events, etc.) surrounded by lower trip generating land uses (single-family neighbourhoods, etc.) one-way car share vehicles can accumulate temporarily as more vehicles are dropped off than picked up. Typically, these accumulations correct themselves over time as car share vehicles are taken by other members and don't result in significant inconvenience.

Where concerns are raised by residents, staff will look at the situation in more detail. Generally, if it is found that there is sufficient resident parking available (i.e. residents can find parking somewhere on the block they live on), no further action is taken. In instances where parked car share vehicles appear to regularly prevent residents from parking on their block, staff will work with the car share organizations to provide nearby dedicated on-street car share parking spaces to draw demand away from residential areas.

In addition to actions taken by staff, both car2go and Evo have active relocation teams to disperse clustered vehicles and vehicles that are idle for longer periods of time; both companies have an interest in ensuring that their vehicles are located in areas where there is demand.

Discussion

BC Children's and BC Women's Hospitals are large generators of commuter car share trips surrounded by low-density residential housing. This creates parking pressure on the adjacent residential streets as commuters park one-way car share vehicles in residential zones.

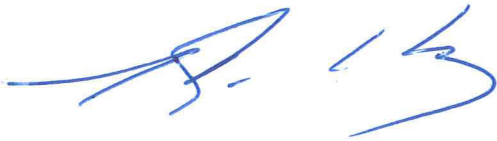
Currently, the car share issues surrounding BC Children's and BC Women's Hospitals are further exacerbated by the construction occurring on the site. Once construction is complete, it is expected that more parking will be available on-site including some dedicated car share parking that was removed to accommodate construction activities.

Data collected by staff suggests that, although car share vehicles do park on many of the residential streets in the neighbourhood, it's only the 800 block of West 28th that is regularly without any parking availability due to car share parking.

Over the last several years, the City has taken action to mitigate the impact of car share parking in the neighbourhood by installing a number of dedicated car share parking spaces in the unregulated parking areas (adjacent to the hospital site) on 800 W 28th Ave and on 4500 Heather Street.

To further address the issues on 800 W 28th Ave in the short term, staff are currently exploring the expansion of the dedicated car share parking on this block (on the hospital side of the street). In the longer term, the City will work with the Hospitals to develop dedicated car share parking off-street. Given the potential for car share vehicles to reduce overall parking demand, the provision of on-site dedicated car share parking may fit well into future parking demand management strategies.

If you have questions or require more information, please contact Jennifer Draper, Branch Manager of the Parking Management Branch, at 604-873-7370 or jennifer.draper@vancouver.ca



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