



Report to Committee

DATE: August 9, 2016

TO: Transportation Solutions & Public Works Committee

FROM: Lee-Anne Truong, P. Eng., PMP
Manager of Capital Projects

SUBJECT: BICYCLE RACK POTENTIAL LOCATIONS

EXECUTIVE SUMMARY:

This year, \$50,000 has been approved to be spent on cycling specific projects. Of the \$50,000, approximately \$20,000 has been allocated for bicycle rack supply and installation. An RFI for a bicycle rack supplier was advertised in May of 2015 to determine styles and pricing for the proposed racks. Staff has identified multiple locations for bicycle rack installation and has recommended a standard style of bicycle rack for typical use throughout the City, and more custom designed bicycle racks at unique locations throughout the City.

This report summarizes the bicycle rack locations and styles recommended to be installed.

RECOMMENDATION:

That the recommended bicycle rack styles and locations as noted in the report be approved for installation.

BACKGROUND:

This year, Council approved \$50,000 to be spent on cycling specific projects. Approximately \$30,000 of that money has been dedicated to the installation of bicycle signage and pavement markings required to enhance the cycling network in specific locations around the City. The remainder of the funds (\$20,000) has been recommended to be used for the installation of bicycle racks throughout the City.

The provision of on-site bicycle parking for commercial sites, office buildings, larger industrial buildings and retail buildings supports increased cycling use. The bicycle network can also benefit from enhanced bicycle parking at City community facilities, parks, schools, and various on-street locations downtown.

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DISCUSSION:

During the review process, staff identified the following locations for bicycle rack installation:

Downtown Locations – Major Pedestrian Nodes

In determining the style of bicycle rack for the downtown core, the standards from the Downtown Street Beautification Plan and the 2010 Downtown Pedestrian Circulation Study were followed.

The Hoop Rack is recommended in the 2010 Downtown Pedestrian Circulation Study. It is proposed that this style of rack is installed in prominent locations in Port Coquitlam's downtown core. The rack will be surface mounted with vandal-resistant flush nuts and have a powder coated finish in either black or green (to match the colour of the fixtures downtown).



The proposed locations for these new bicycle racks are shown in the map below. A total of 13 racks are proposed. A customized rack is also available to enhance the standard hoop, but is approximately four times the cost and would reduce the volume that could be installed with the available budget. A sample customized hoop is as follows:



Committee may wish to have further discussion on the standards prescribed in the Downtown Pedestrian Circulation Study, and consider if they want to deviate from this standard as there are more exciting and attractive options available as well, discussed below.

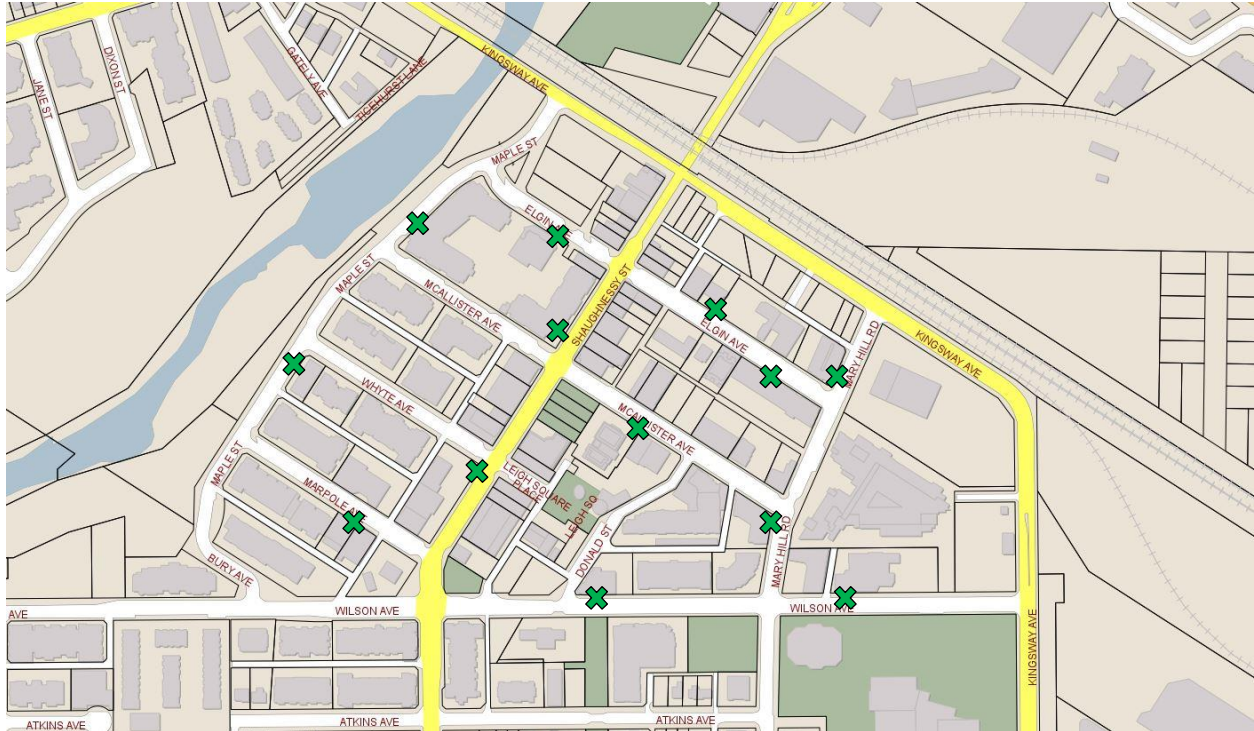
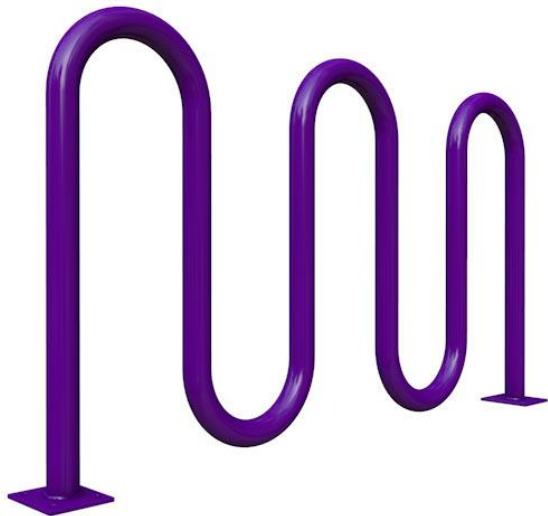


Figure 1: Proposed locations for hoop bicycle racks (downtown)

Standard Bike Rack Locations

The Zoning Bylaw contains a section on Bicycle Facilities requiring a minimum of 6 short-term bicycle parking spaces per institutional building. At these locations, it is suggested that the rolling rack is installed. The rack will be surface mounted with vandal-resistant flush nuts and have a powder coated finish (colour to be determined). These racks are cost efficient for the volume of spaces they provide, and thus we have targeted these for our facilities and parks.



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The proposed locations for the rolling rack are as follows:

- Public Works Building
- Lions Park
- Gates Park
- Evergreen Park
- Wellington Park
- Sun Valley Park
- Settlers Park
- Castle Park

Custom Bike Rack Locations

Bicycle racks can be both functional and aesthetically pleasing. The following custom racks, which are significantly more expensive, are proposed for the following locations.

Lions Park



Along the Poco trail at the Green Gyms



Leigh Square



The Outlet



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A summary of the quantity and costs of the racks are listed below:

Location	Bicycle Rack Style	Number of Racks	Unit Cost	Installation (\$100/rack)	Total cost
Downtown	Hoop Rack	13	\$185	\$1300	\$3705
Standard Locations (8 spots)	Rolling Rack	8	\$630	\$800	\$5840
Custom Bike Racks					
Lions Park	Squirrel	3	\$1700	\$300	\$5400
PoCo Trail (Gym)	Yoga	1	\$1750	\$100	\$1850
Leigh Square	Music Note	1	\$1110	\$100	\$1210
Outlet	Penny Farthing	1	\$1275	\$100	\$1375
TOTALS		27			\$19380

OPTIONS:

1. Proceed with installation of the types and locations specified in this report (recommended)
2. Proceed with customized hoops for the downtown, with a reduced volume
3. Select a different style/location for the racks

NEXT STEPS:

Once confirmed, staff will order the bicycle racks and will execute work orders to the Public Works Department to have the bicycle racks installed.



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