CNU CASCADIA Summit, 7 Nov 2015

WALKABILITY matters

Joyce Drohan, Director of Urban Design
Perkins + Will Canada

MariaHelgeStrasse, Vienna, Austria

1 Accessibility

2 Consumer costs savings

3 Public cost savings

4 Efficient land use

5 Livability

6 Public fitness & health

7 Economic development

8 Social well being

WALKABILITY matters

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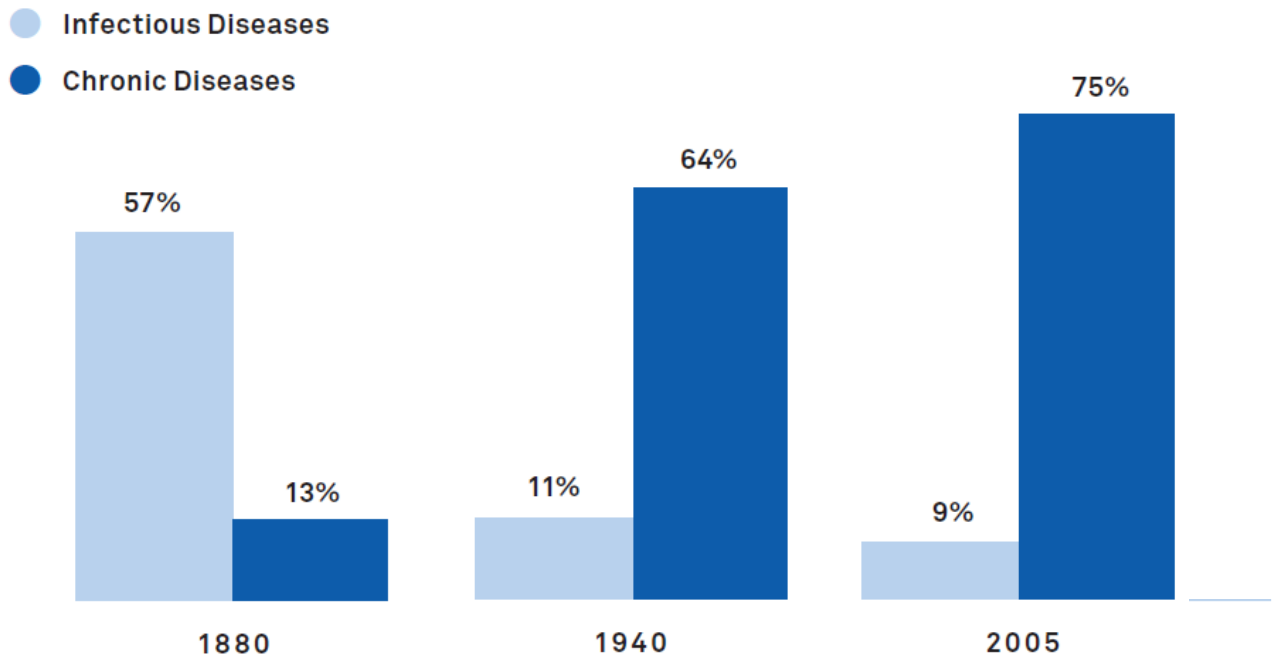
GABRIEL'S WHARF, LONDON

STROGET, COPENHAGEN

BOGOTA, COLOMBIA

WALKABILITY matters

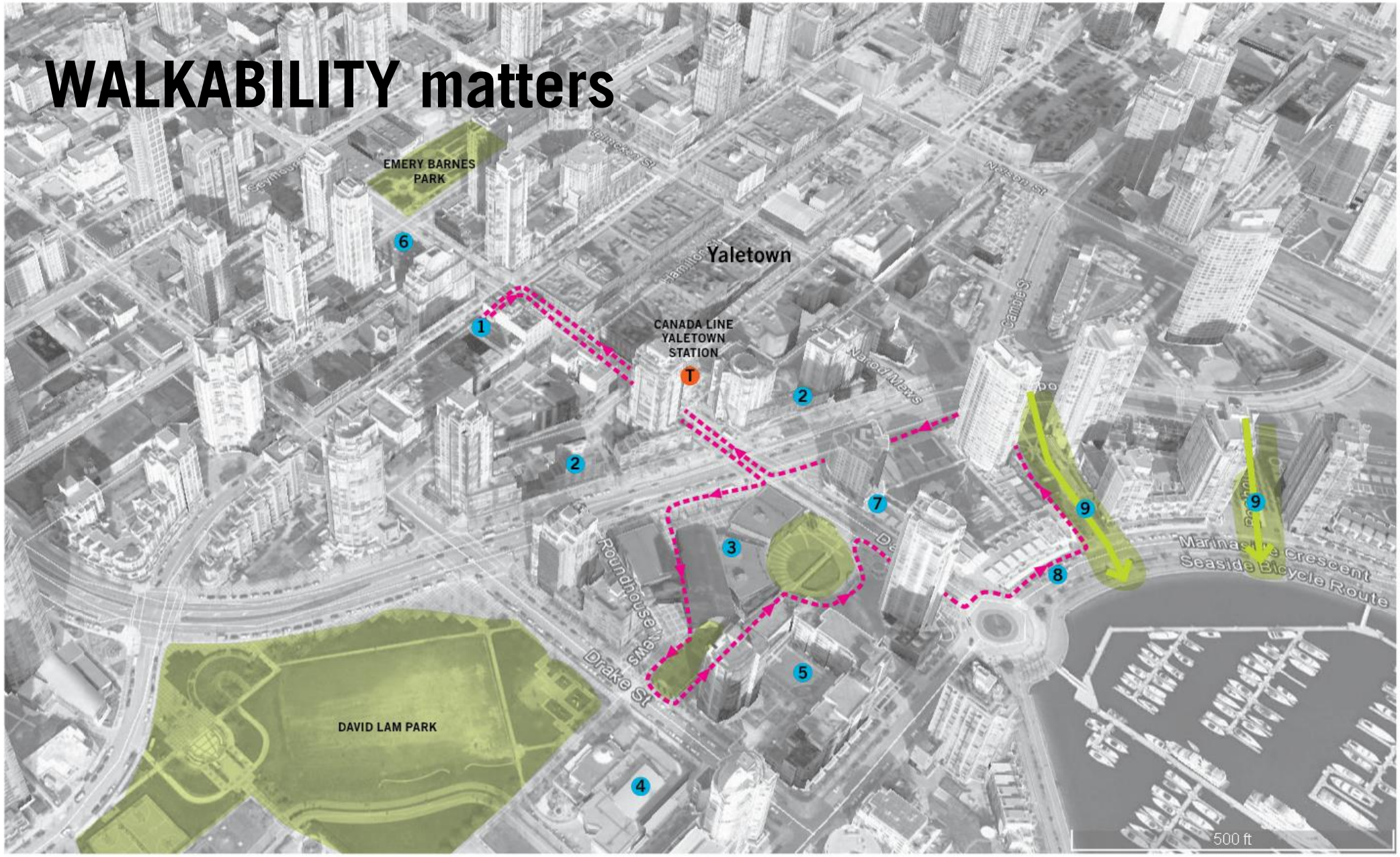
CHANGING PERCENTAGE OF DEATHS IN NYC ATTRIBUTED TO INFECTIOUS VERSUS CHRONIC DISEASES, 1880 TO 2005



Source: The City of New York Summary of Vital Statistics 2005

NYC RENAISSANCE STREETS

WALKABILITY matters



Legend *1. Perkins+Will Vancouver Office. 2. Mixed-use residential developments. 3. Roundhouse Community Centre. 4. Elsie Roy Elementary / Pacific Church. 5. Roundhouse Co-operative Housing. 6. Choices Markets Yaletown. 7. Urban Fare. 8. Marina Crescent retail. 9. Waterfront connections.*

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SASKATOON – North Downtown

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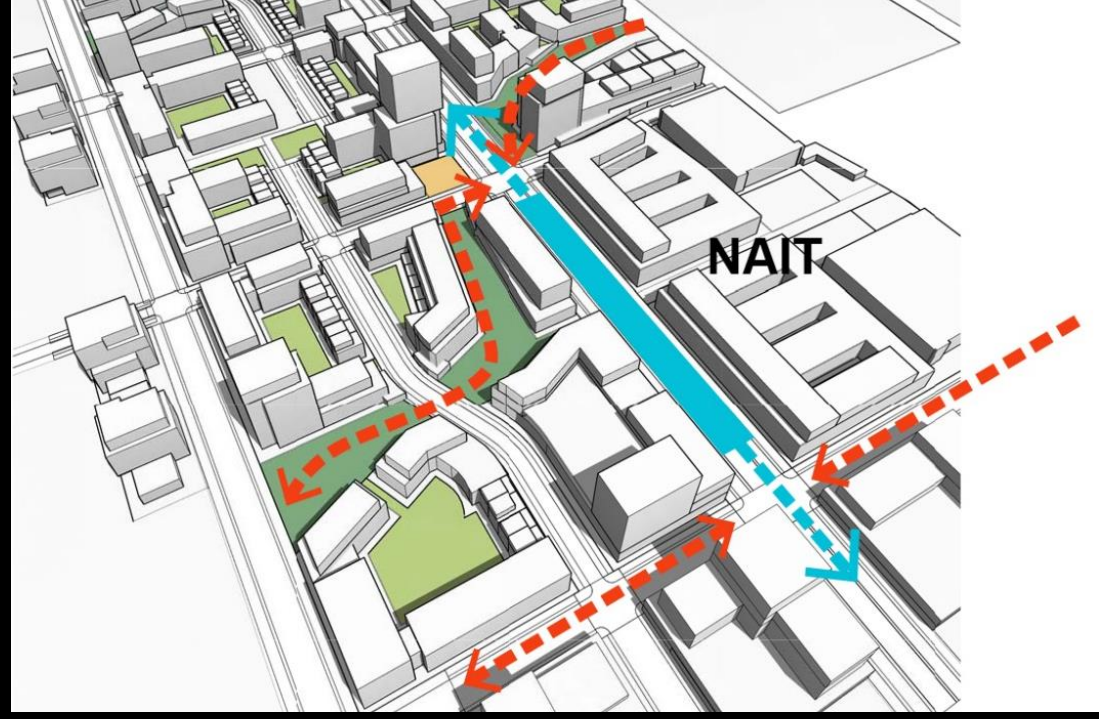
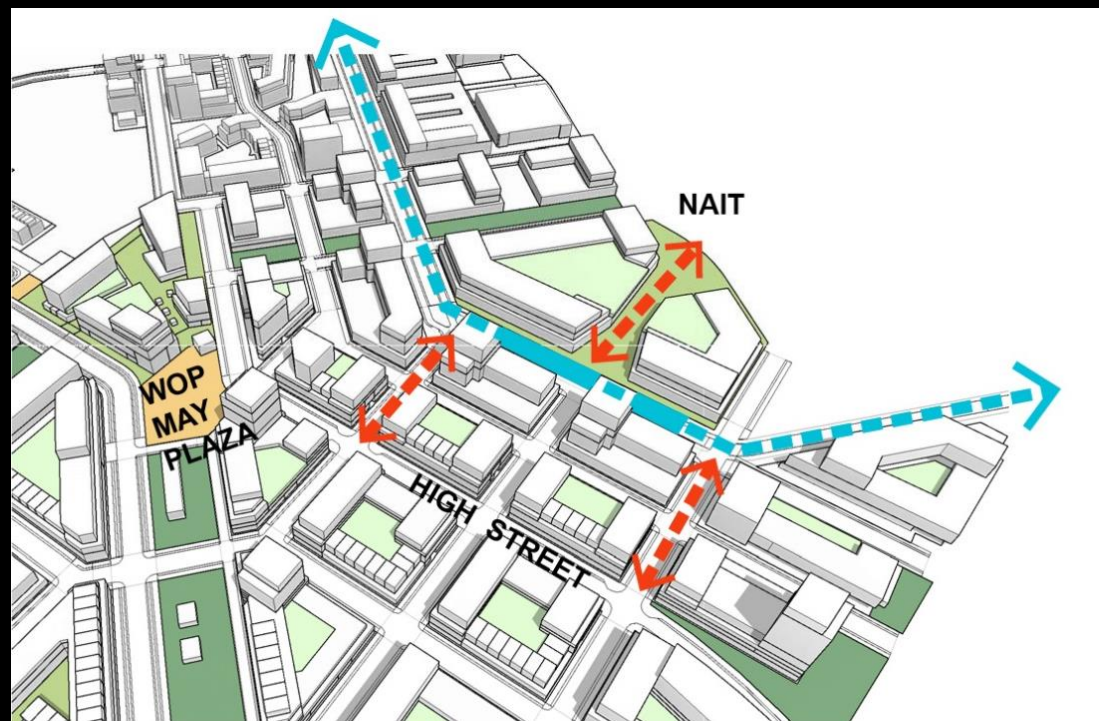


CITY OF EDMONTON – Blatchford Redevelopment



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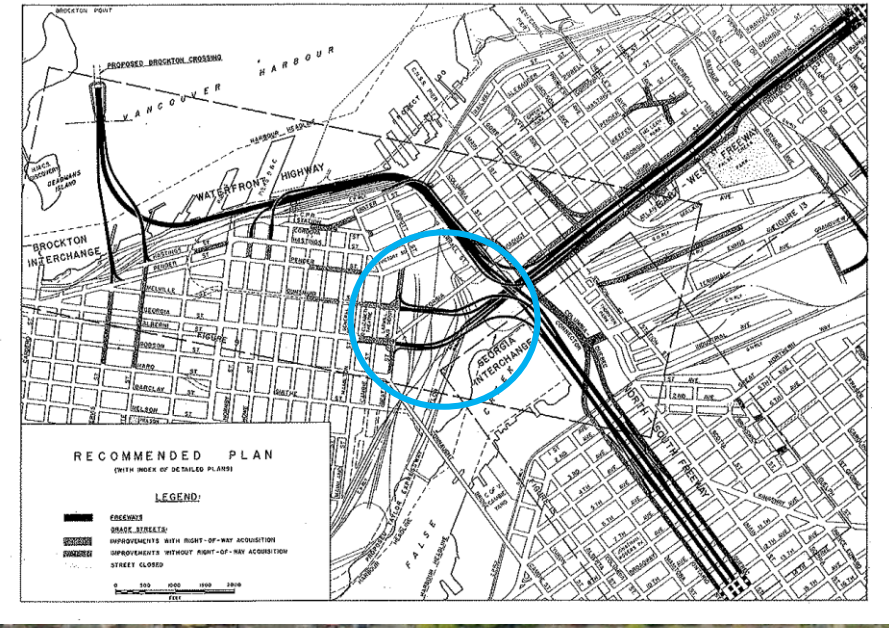
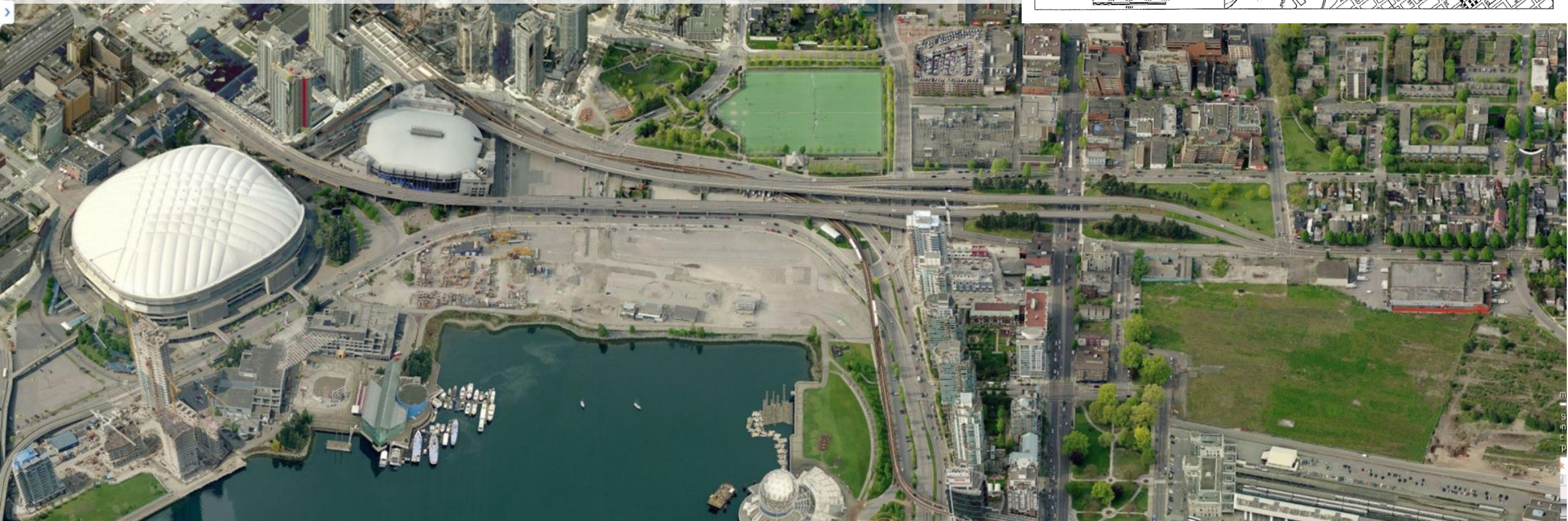
VIADUCTS, VANCOUVER



1968 Plan



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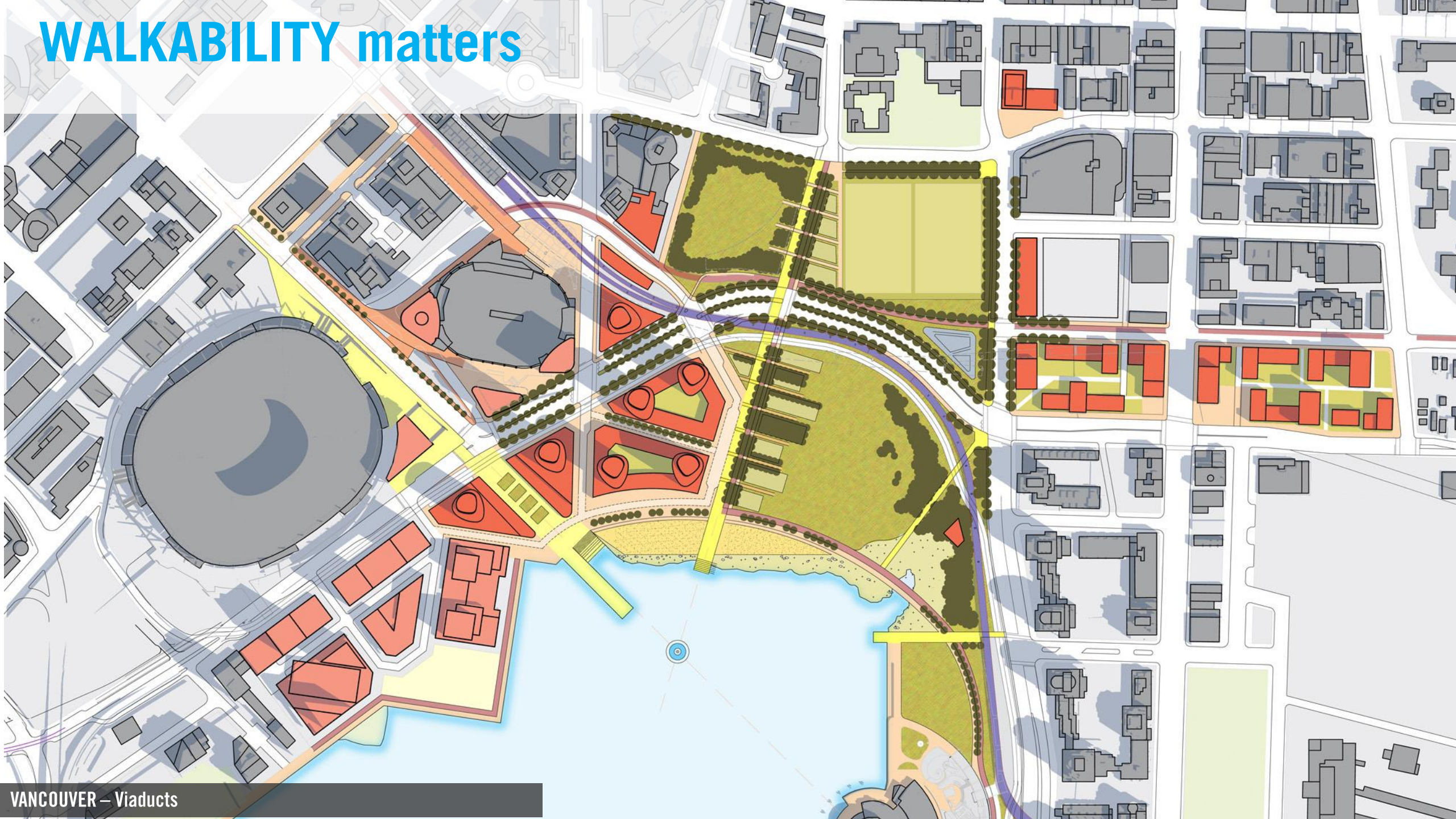

VANCOUVER – Viaducts

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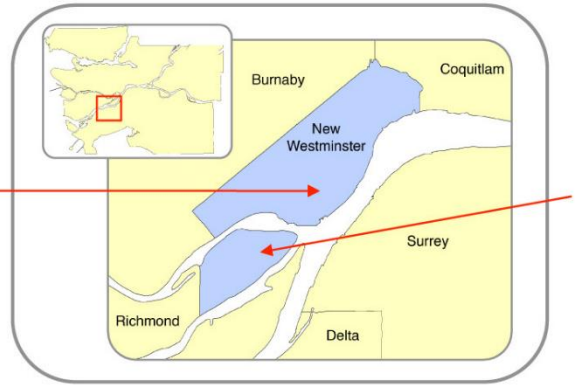
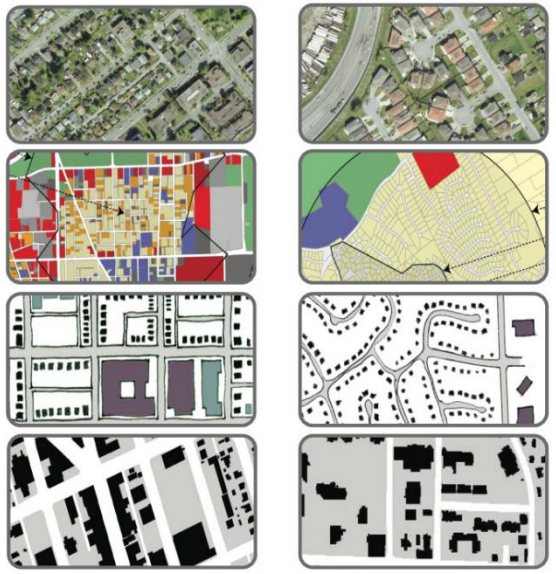


	Uptown Moody Park		Queensborough
Net Residential Density (dwelling units/acre)	40.29		7.73
Mixed Use Index (range 0 – 1)	0.58		0.09
Intersection Density (per square km)	70.12		27.91
Retail Floor Area Ratio	0.64		0.30
Overall Walkability	4.26		-3.74



Courtesy of Dr. Larry Frank, UBC

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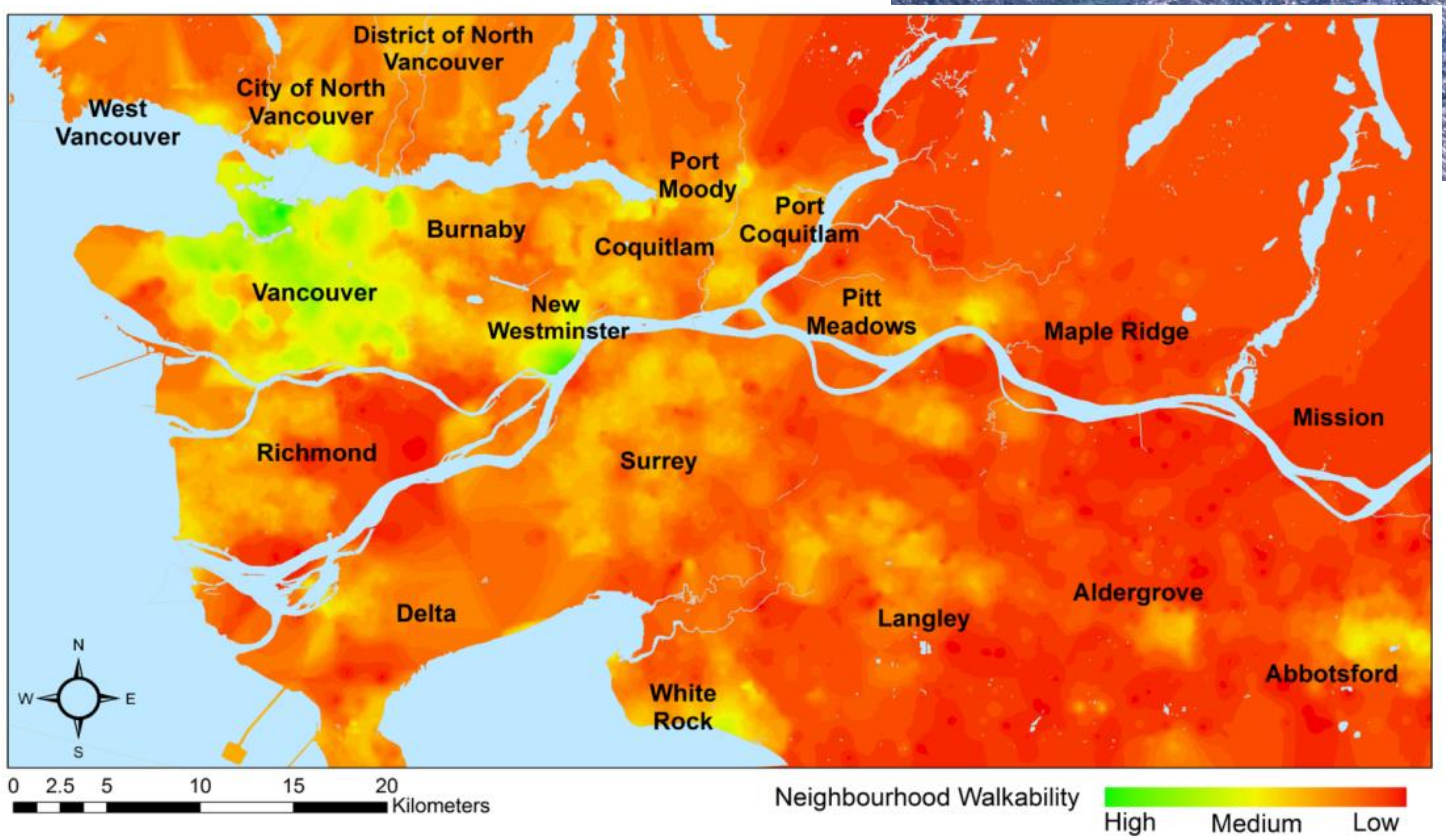

Courtesy of Dr. Larry Frank, UBC

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THANK YOU

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Walkability Economic Impacts

Courtesy Dr. Larry Frank

Accessibility: mobility options, esp for the transportation disadvantaged

Consumer costs savings: reduces personal/family transportation spending

Public cost savings: walking substitutes for vehicle travel, reduces negative impacts of the car

Efficient land use: reduces amount of land devoted to roads + parking facilities; helps create more accessible, clustered uses

Livability: improves the local environment; encourages human interaction – friendship, aquaintances, neighbourliness

Public fitness and health: physical exercise for the otherwise sedentary; superior for overall stamina, strength

Economic development: makes commercial areas more attractive + shifts consumer spending to regional economic activity and employment

Social well being: interaction with community, face-to-face encounters, even better than a bike

Health: The average resident of a walkable neighborhood weighs 6-10 pounds less than someone who lives in a sprawling neighborhood.
Cities with good public transit and access to amenities promote happiness.

Environment: 82% of CO2 emissions are from burning fossil fuels. Your feet are zero-pollution transportation machines.

Finances: Cars are the second largest household expense in the U.S. One point of Walk Score is worth up to $3,000 of value for your property.

Communities: Studies show that for every 10 minutes a person spends in a daily car commute, time spent in community activities falls by 10%.

Courtesy of Dr. Larry Frank, UBC Bombardier Chair for Sustainable Transportation