PARKS CATWALKS

reframing parks as part of an active transportation network

WHO WE ARE

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http://www.sustainablecalgary.org

Proposal:

Enhancing parks by extending them through an activated green network to get people moving

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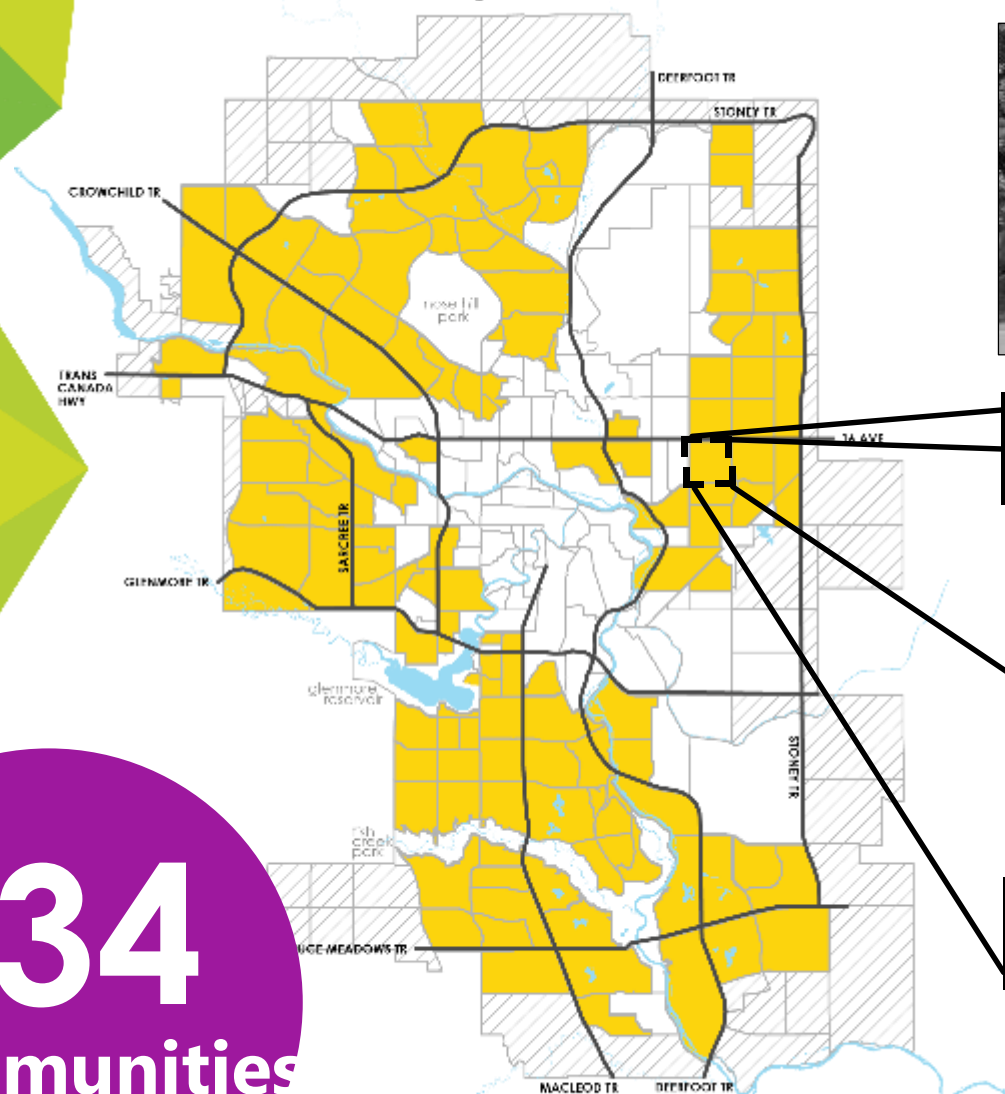
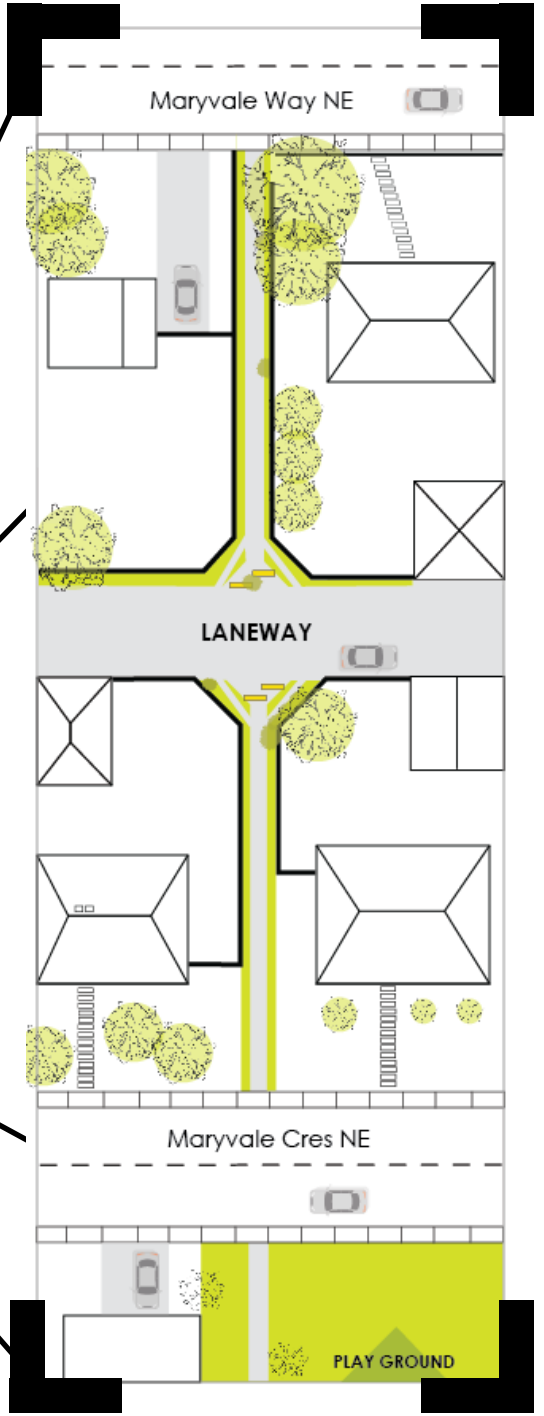


Marlborough

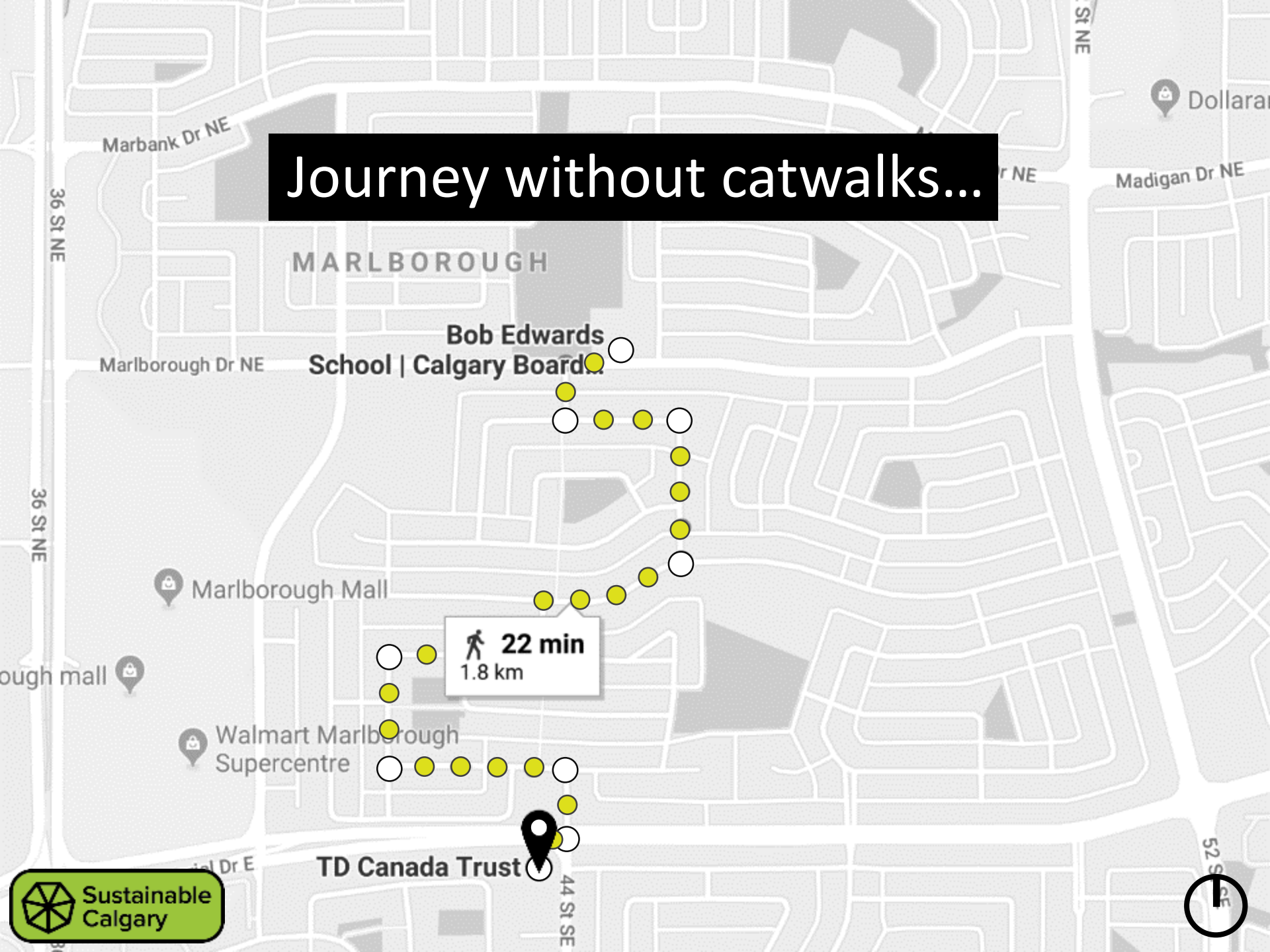
134 communities

THESE ARE OUR
Catwalks

Network of engineered pathways designed to connect children to schools, families to parks and people to retail spaces.



21 Catwalks


Journey without catwalks...
Marbank Dr NE
36 St NE
MARLBOROUGH
Bob Edwards
Marlborough Dr NE
Madigan Dr NE
Marlborough Mall
22 min
1.8 km
Walmart Marlborough
Supercentre
TD Canada Trust
44 St SE
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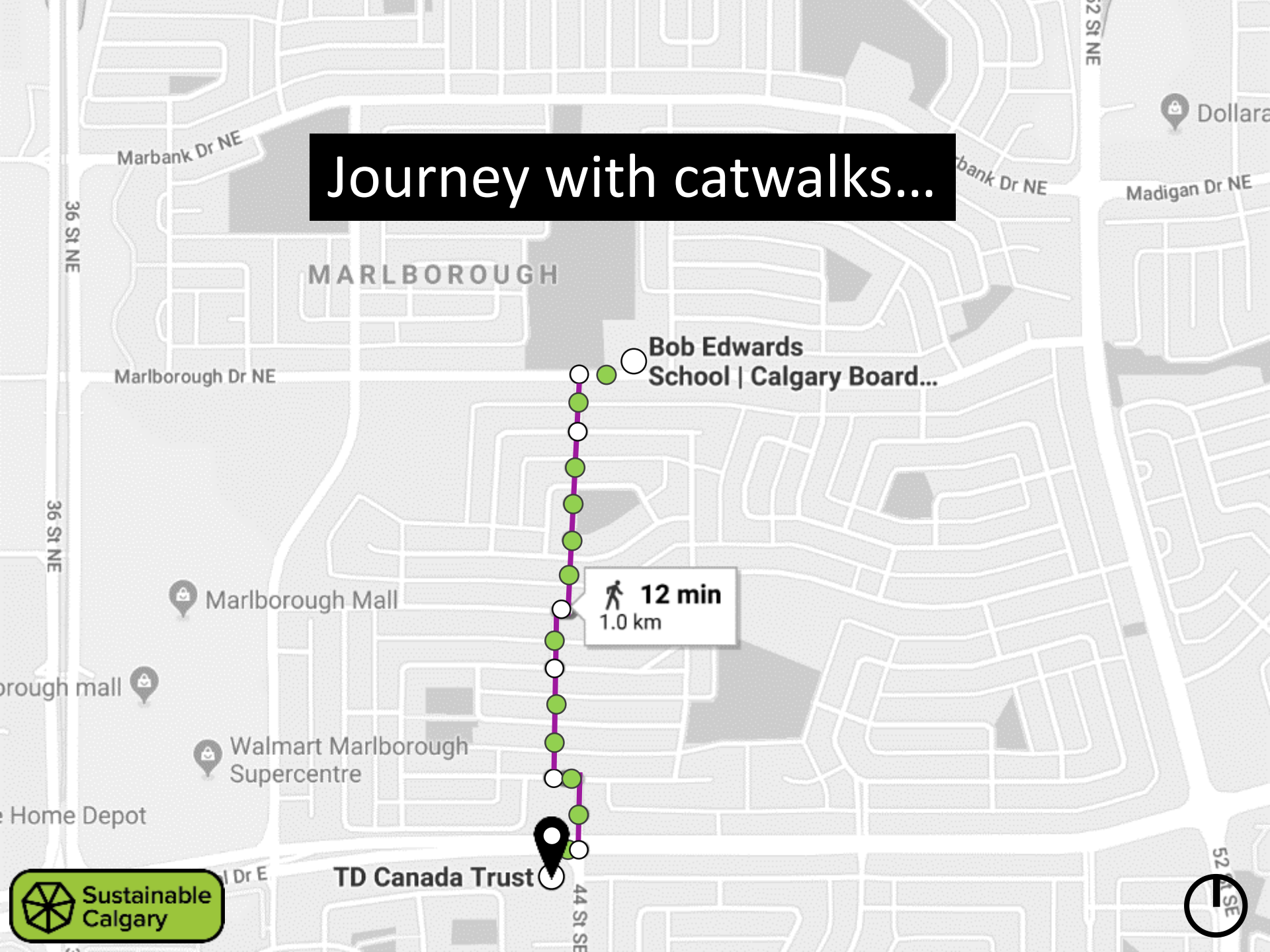
Journey with catwalks...
Marbank Dr NE
36 St NE
MARLBOROUGH
Marlborough Dr NE
Bob Edwards School | Calgary Board...
12 min
1.0 km
Marlborough Mall
Walmart Marlborough Supercentre
Home Depot
TD Canada Trust
Madigan Dr NE
44 St SE
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useful

safe

comfortable

+ interesting

Think of parks not as isolated spaces, but as spaces that extend into the community.

ENHANCING THE HUMAN EXPERIENCE

(A) PLAY

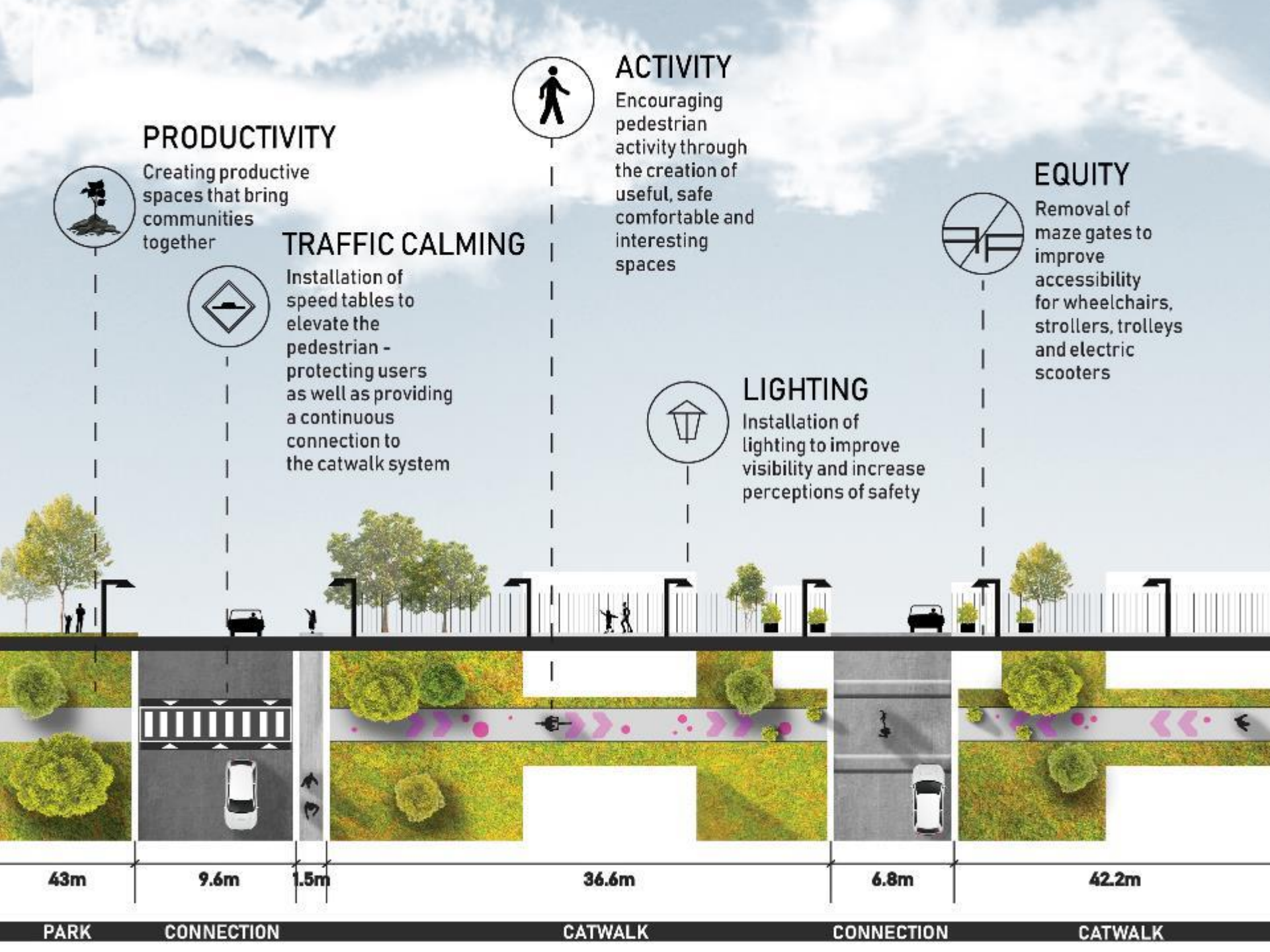
(B) CREATE

(C) LEARN

(E) REST

(F) IDENTIFY

(D) GROW


ACTIVITY
Encouraging pedestrian activity through the creation of useful, safe comfortable and interesting spaces
PRODUCTIVITY
Creating productive spaces that bring communities together
TRAFFIC CALMING
Installation of speed tables to elevate the pedestrian - protecting users as well as providing a continuous connection to the catwalk system
EQUITY
Removal of maze gates to improve accessibility for wheelchairs, strollers, trolleys and electric scooters
LIGHTING
Installation of lighting to improve visibility and increase perceptions of safety
43m
9.6m
1.5m
36.6m
6.8m
42.2m
PARK
CONNECTION
CATWALK
CONNECTION
CATWALK

Danielle & Americo

We've seen more people walking through the space. The other night one of the neighbours came over with his wife and picked enough kale, tomatoes, and onions for their salad and brought a watering can in hand!

useful | safe | comfortable | interesting

useful | safe | comfortable | interesting

Joan & Wesley

We're out in the yard last night and see the children with their families cycling though the space, stopping to admire all of the art on display. I actually overheard one of the boys asking his father about all the different birds eating out of the feeders you made!

I'm really proud to see work like this being done in our community

useful | safe | comfortable | interesting

useful | safe | comfortable | interesting

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Policy Implications

Collaboration

Design

Budget

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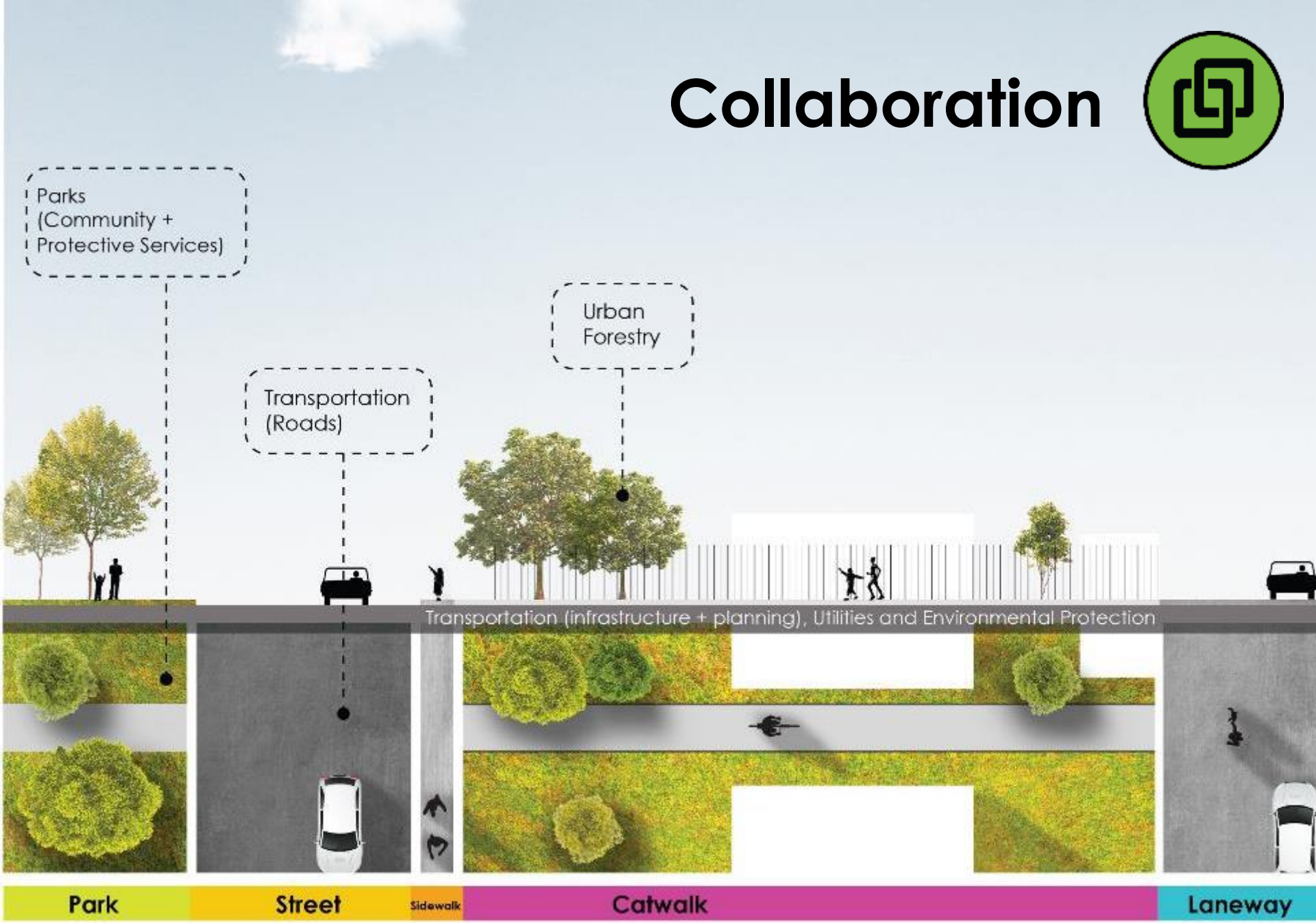
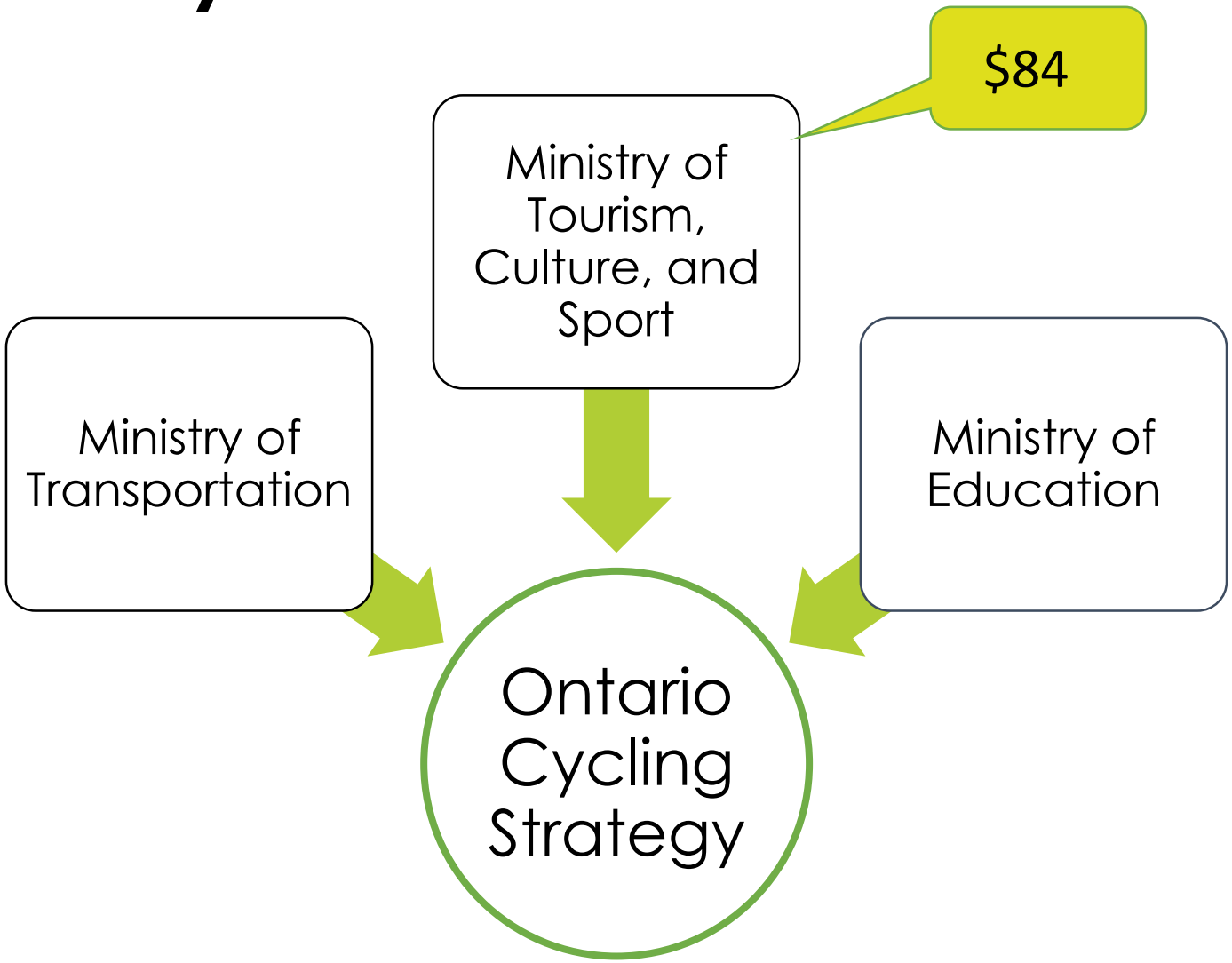
Collaboration



PLANNING DEVELOPMENT & ASSESSMENT + POLICE SERVICES

Policy Precedents

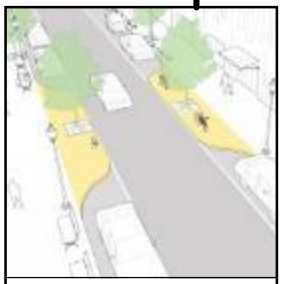


Proactive Design

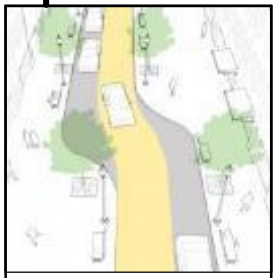
Lane Width

Speed Table

Curb Extensions



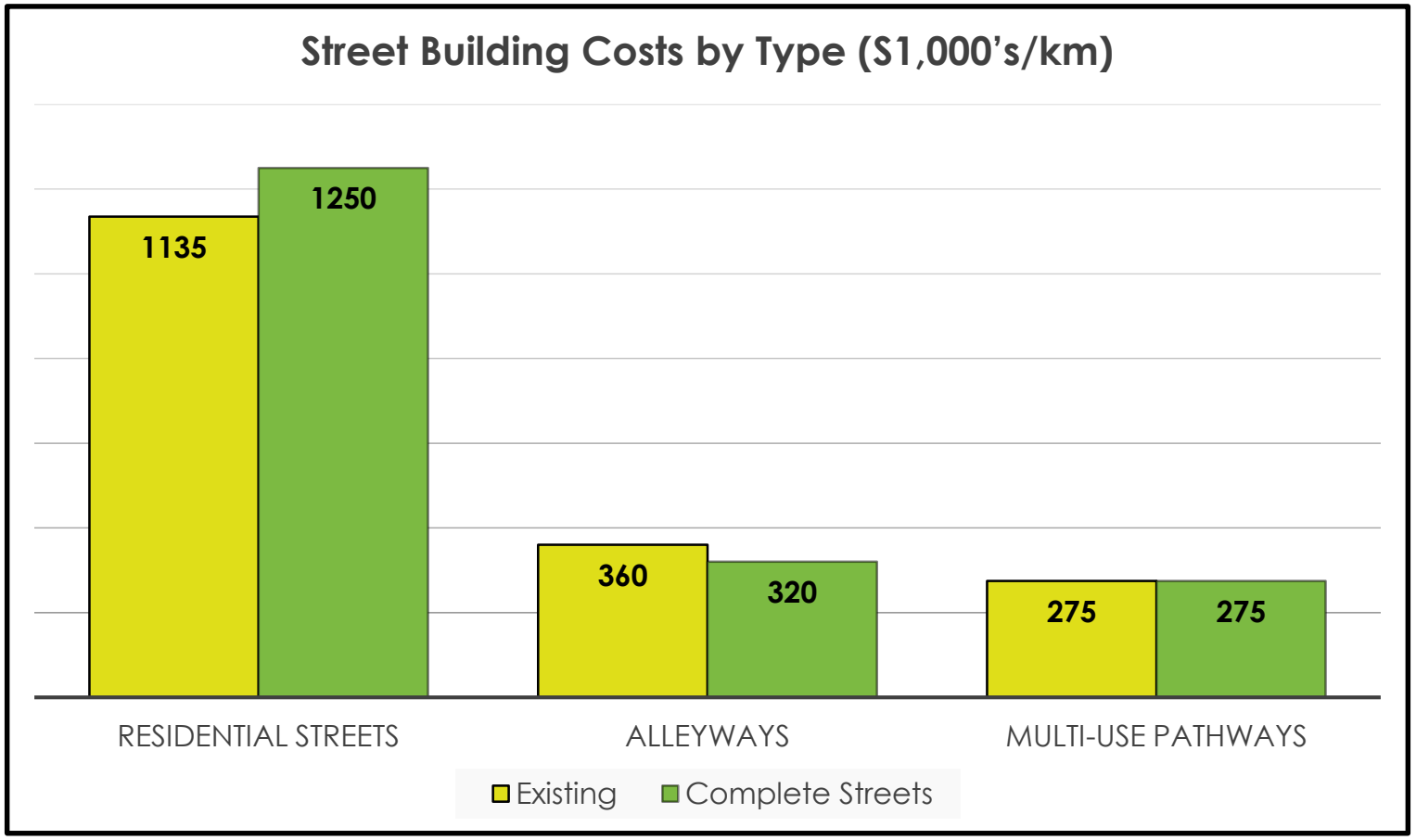
Pinch-points



Chicanes

Moving-the-curb

Budget


Street Building Costs by Type ($1,000's/km)
1135
1250
360
320
275
275
RESIDENTIAL STREETS
ALLEYWAYS
MULTI-USE PATHWAYS
Existing
Complete Streets

Snow & Ice Clearing

City ▼	Roads (total lane-kms)	Sidewalk (kms plowed)	Annual snowfall (cms)	10 cm snow depth (days per year)	Snow budget
Calgary	16,700	268	128.8	16.3	$38.1M
Edmonton	11,800	1,400	123.5	85.5	$64M
Ottawa	12,800	2,100	175.4	84.4	$64.3M
Winnipeg	8,000	2,900	113.7	73.7	$36.5M

Total Km of sidewalk = 5,658
Cost per km = $10,000

Cost per km = $4,300

news

Conclusion

1) Healthy community parks = useful, safe, comfortable and interesting environment

2) Healthy parks are part of a community's active transportation (AT) network

3) This involves elevating the importance of active transportation networks through both design and policy

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Thank
You!
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