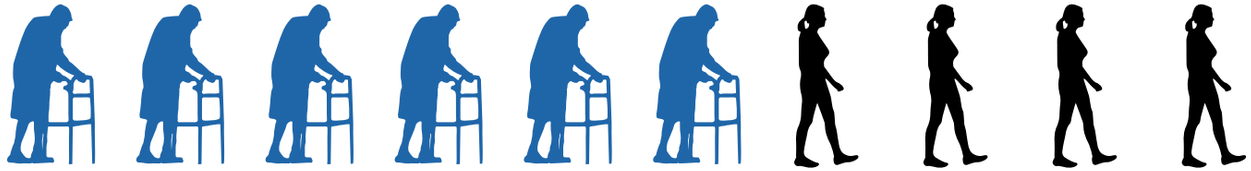
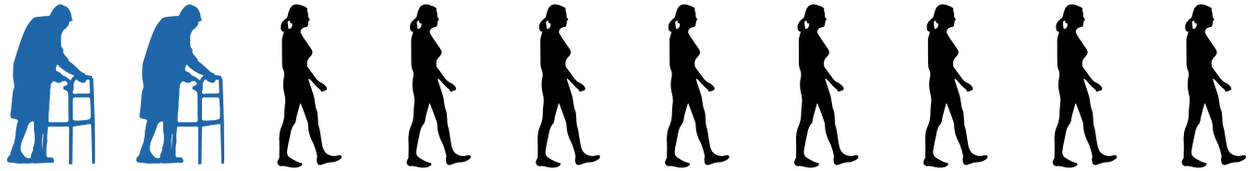
SENIORS MAKE UP...

63% OF PEDESTRIANS KILLED AT INTERSECTIONS



17% OF CANADA'S POPULATION



GREAT STREETS FOR SENIORS

UPTOWN STREETSCAPE STUDY

Alex Taciuk, Filippos Gkekas, Mengying Li

NEW WESTMINSTER

bunt & associates

SCARP
School of Community
And Regional Planning

VISION FOR UPTOWN

GREAT FOR SENIOR PEDESTRIANS TO CONFIDENTLY, COMFORTABLY, AND SAFELY GET AROUND.

STUDY SITE

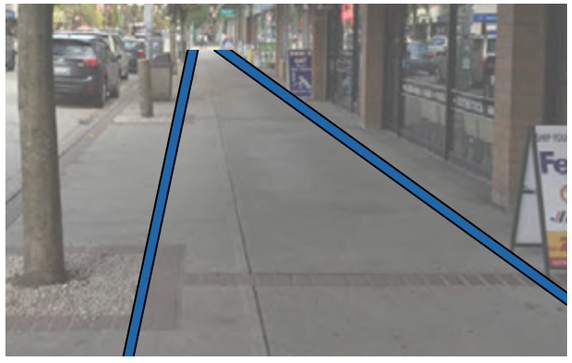
31% HIGHEST PERCENTAGE OF SENIORS IN THE CITY

HIGH CONCENTRATION OF SENIORS' DESTINATIONS

41 PEDESTRIANS INJURED OR KILLED FROM 2009-2017

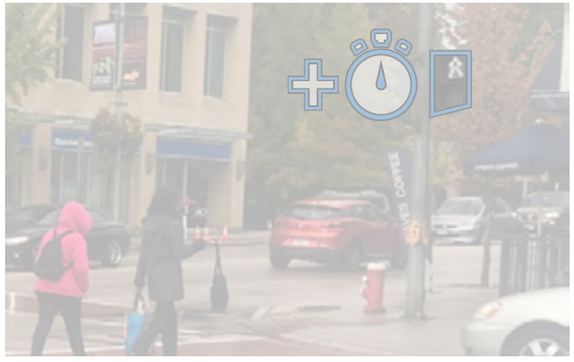
SENIOR-FRIENDLY DESIGN PRINCIPLES DEVELOPMENT

SENIOR-FRIENDLY DESIGN PRINCIPLES

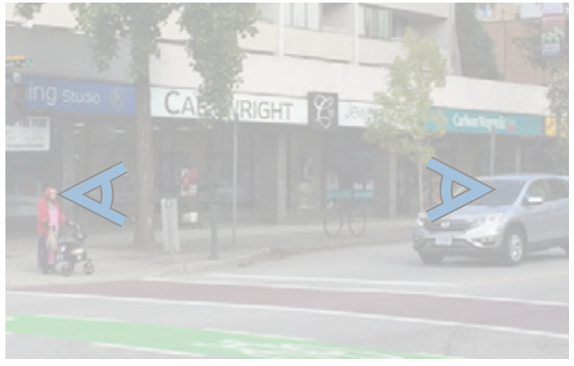


LEVEL, WIDE, UNOBSTRUCTED SURFACES

NARROW CROSSING DISTANCES



SUFFICIENT CROSSING TIMES

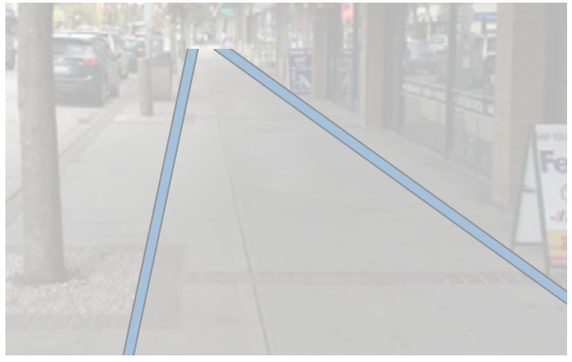


EXCELLENT VISIBILITY BETWEEN ROAD USERS

DEMENTIA-FRIENDLY FEATURES

ACCESSIBLE FEATURES BY DEFAULT

SENIOR-FRIENDLY DESIGN PRINCIPLES



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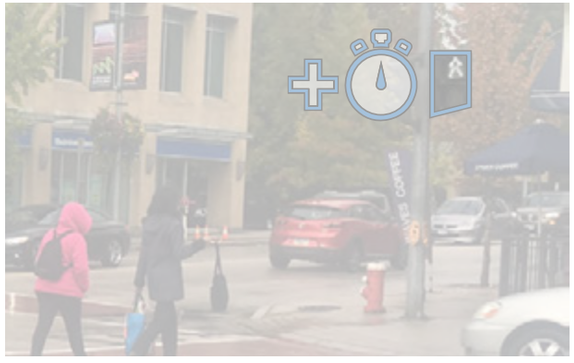

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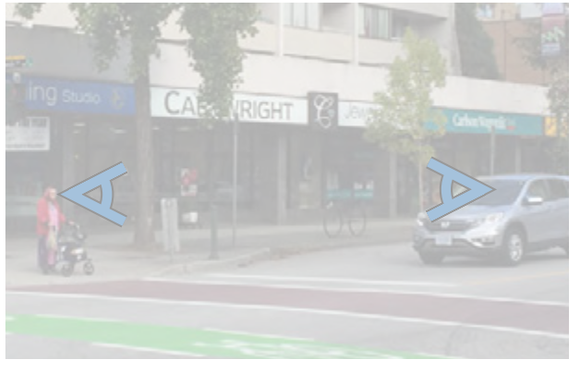

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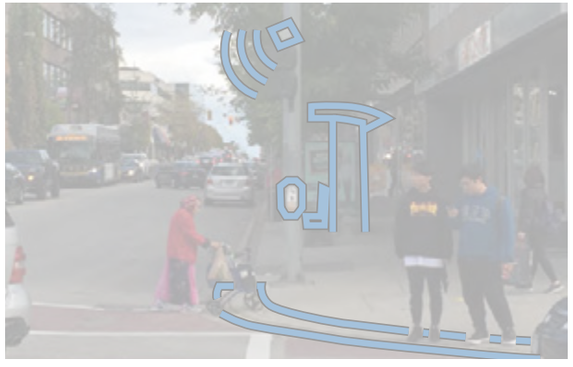

ACCESSIBLE FEATURES BY DEFAULT

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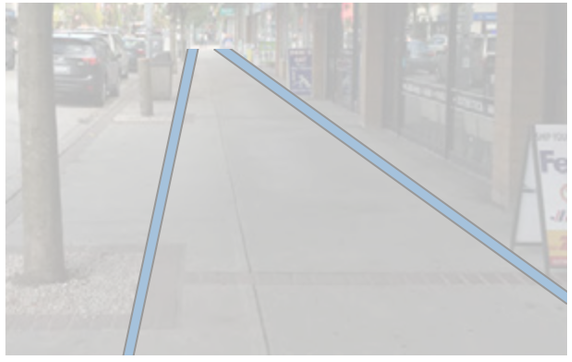

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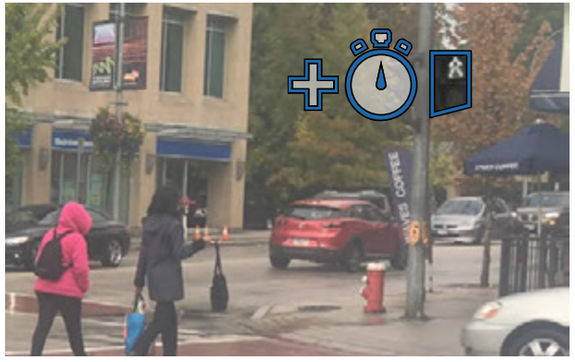
NARROW CROSSING DISTANCES



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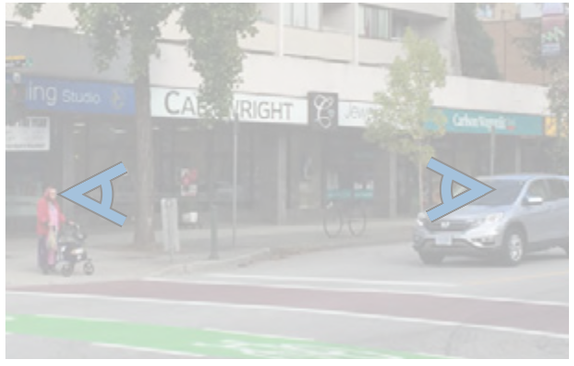

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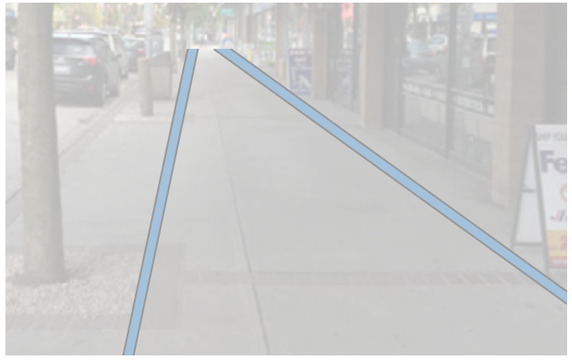

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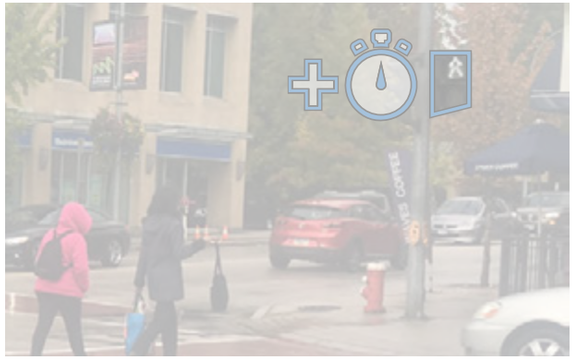

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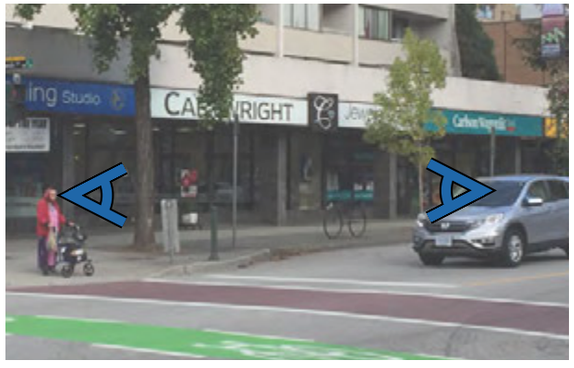

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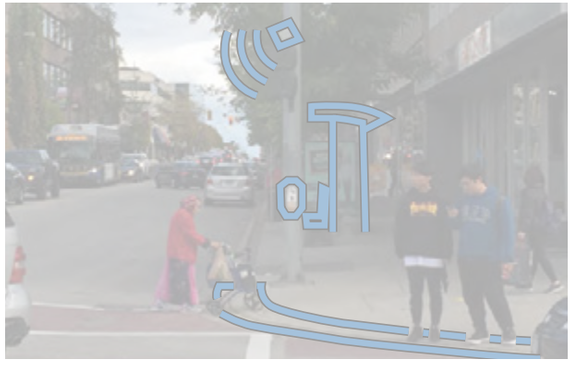

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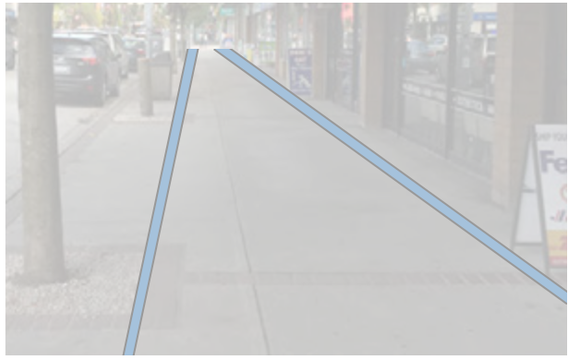

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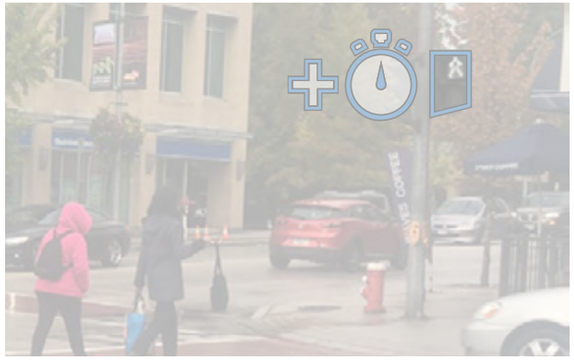

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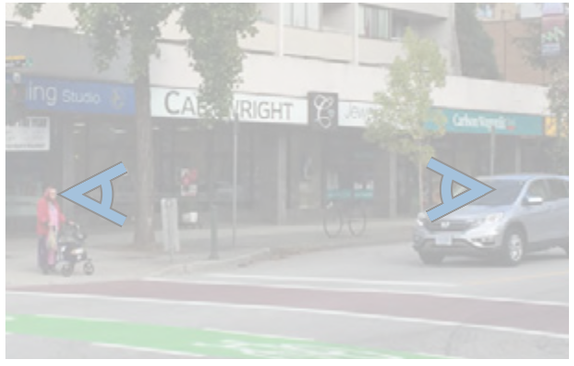

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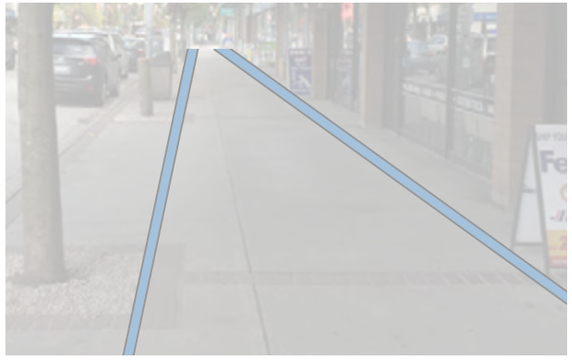

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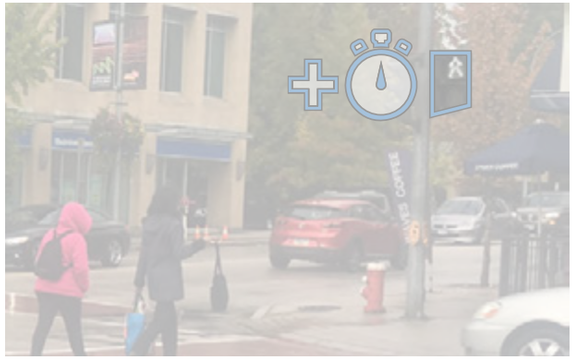

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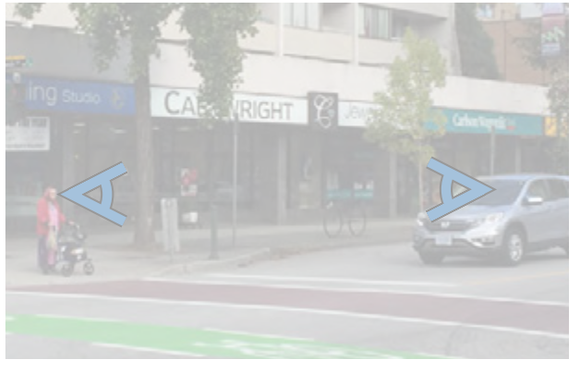

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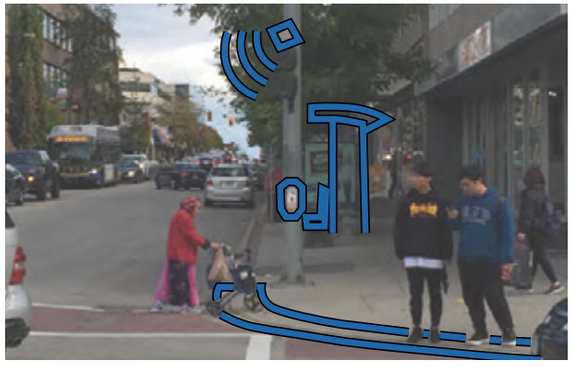

ACCESSIBLE FEATURES BY DEFAULT

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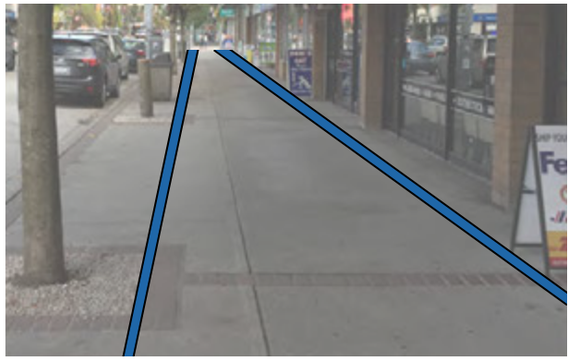

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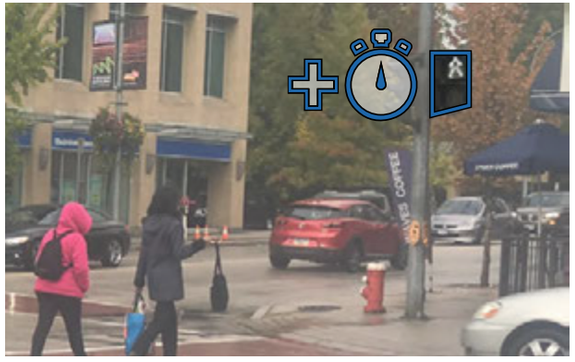

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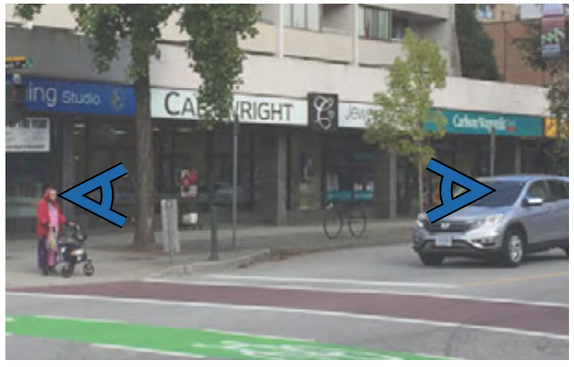

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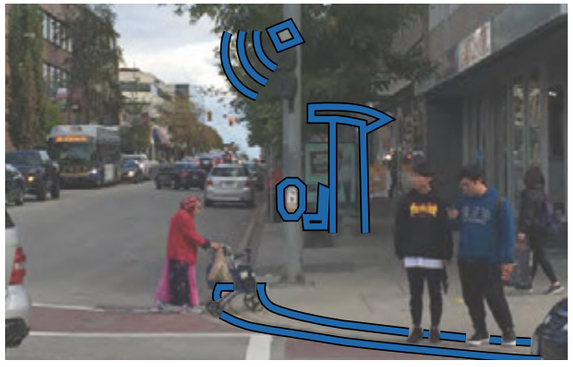
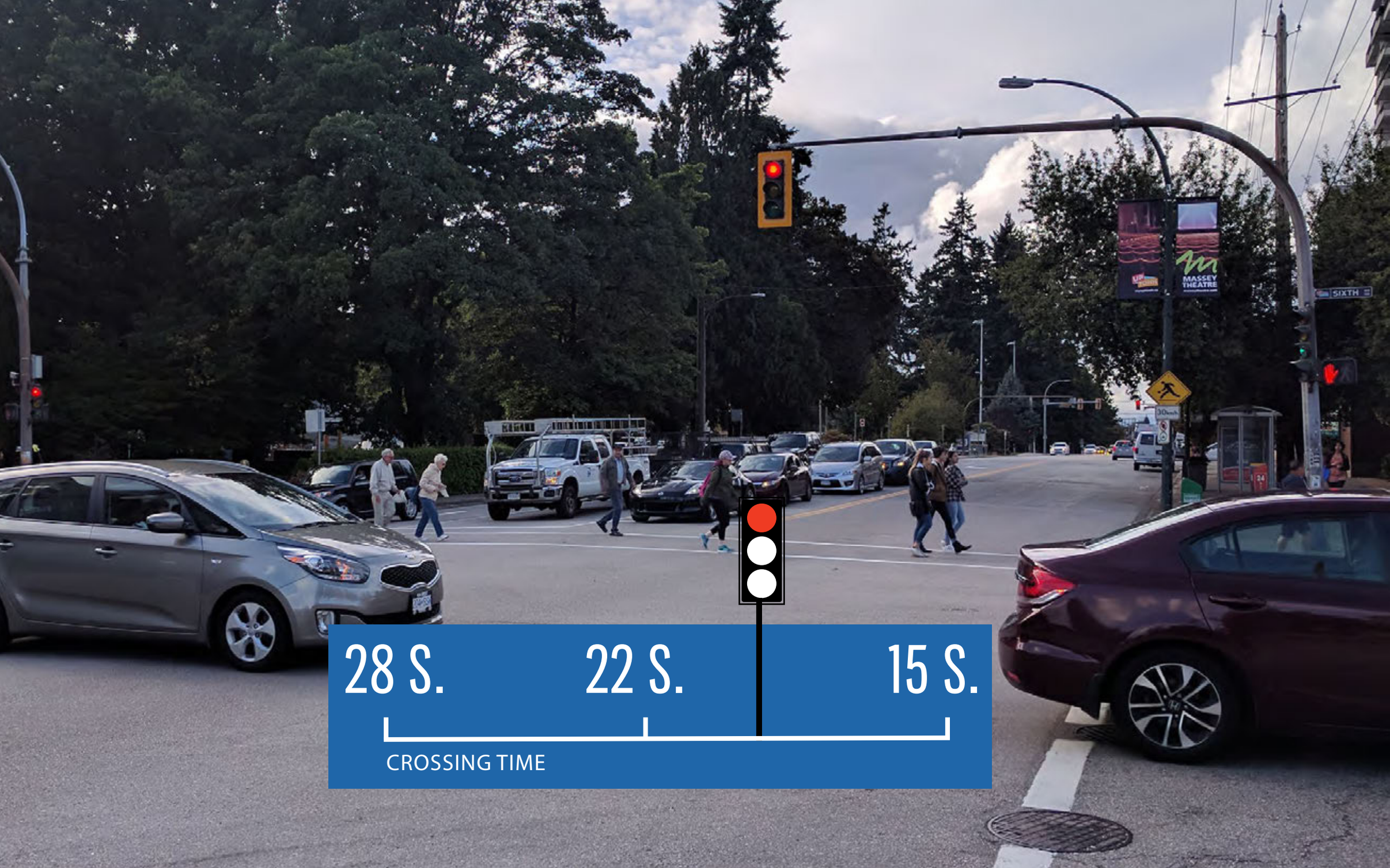


ACCESSIBLE FEATURES BY DEFAULT

MASSEY
THEATRE
SIXTH
30km/h
PATRIOT

MASSEY
THEATRE
SIXTH
30km/h
PATRIOT

MASSEY
THEATRE
SIXTH


28 S.
22 S.
15 S.
CROSSING TIME
MASSEY THEATRE
SIXTH

INCREASE WALK SIGNAL TIMING BY 10 SECONDS

RECOMMENDATIONS

PROVIDED A TOTAL OF 134 RECOMMENDATIONS

ACROSS 4 CATEGORIES:

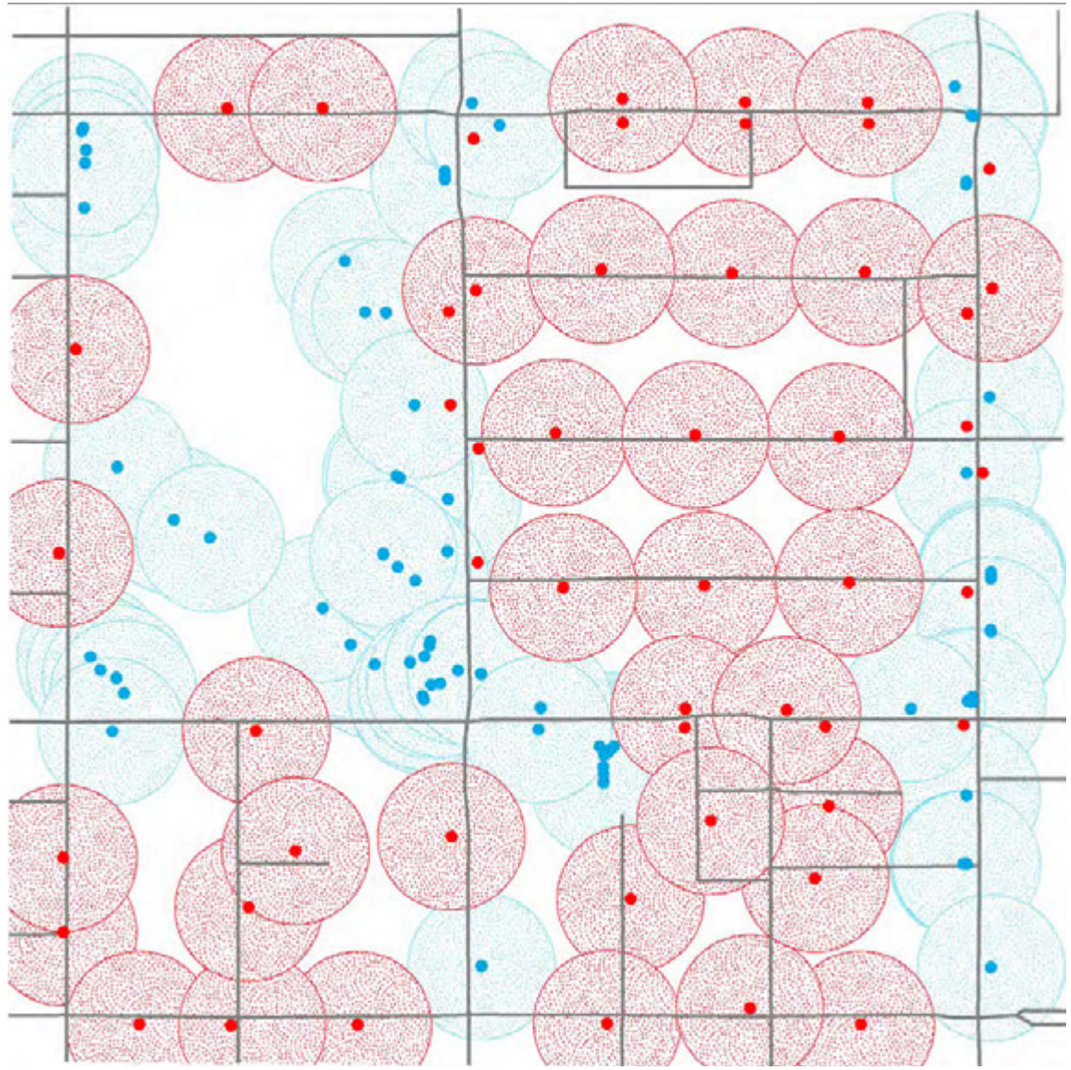
- **SITE-WIDE**
- **SIDEWALK SPOTS**
- **INTERSECTIONS**
- **CORRIDORS**

SITE WIDE RECOMMENDATIONS

POLICY: REGULAR LEAF CLEARANCE

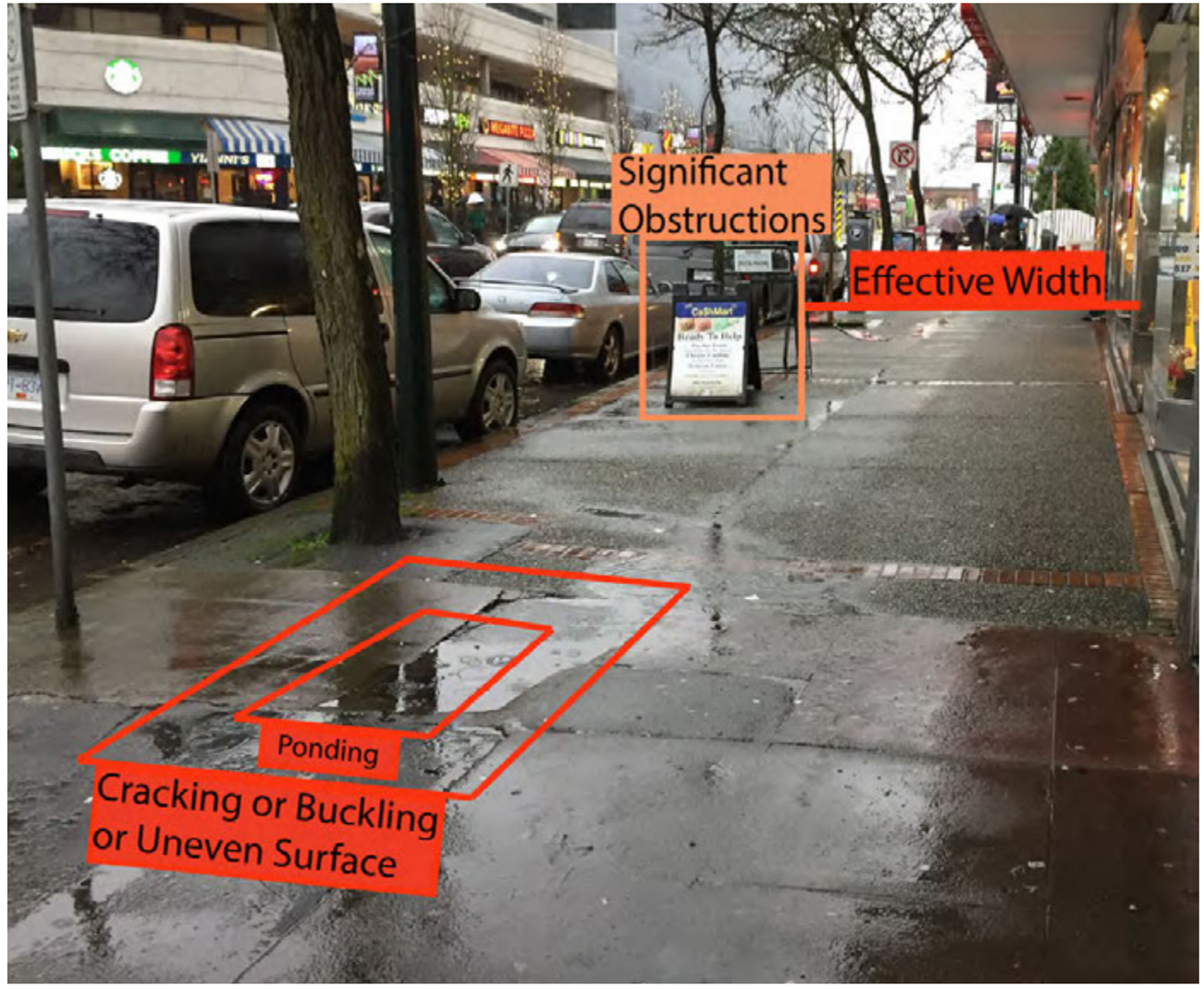
SITE-WIDE RECOMMENDATIONS

DESIGN: BENCHES EVERY 100M



SIDEWALK SPOTS PROBLEMS

3 PROBLEM TYPES



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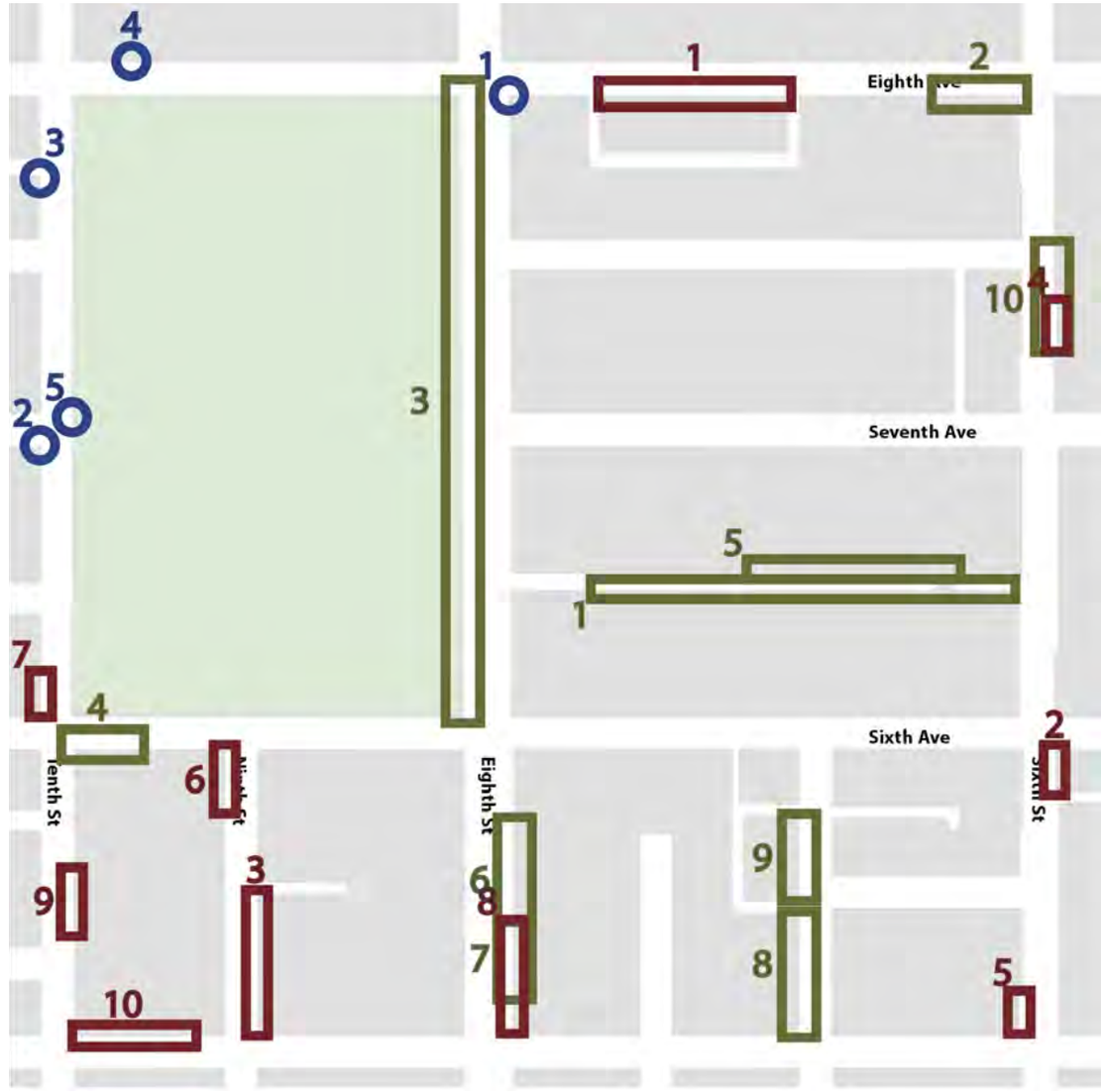


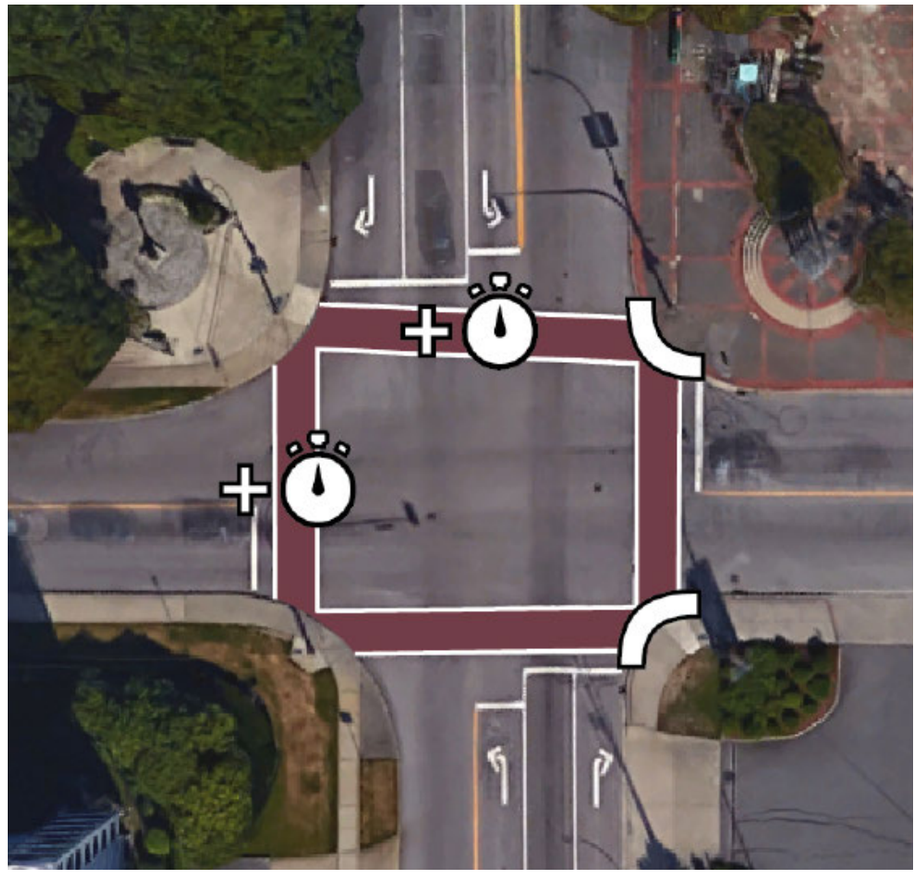
Legend

- Cracking, Buckling, and Uneven Surfaces
- Effective Width
- Ponding

200 m

INTERSECTION RECOMMENDATIONS: 6TH AVE AND 8TH ST

PRIORITY UPGRADE



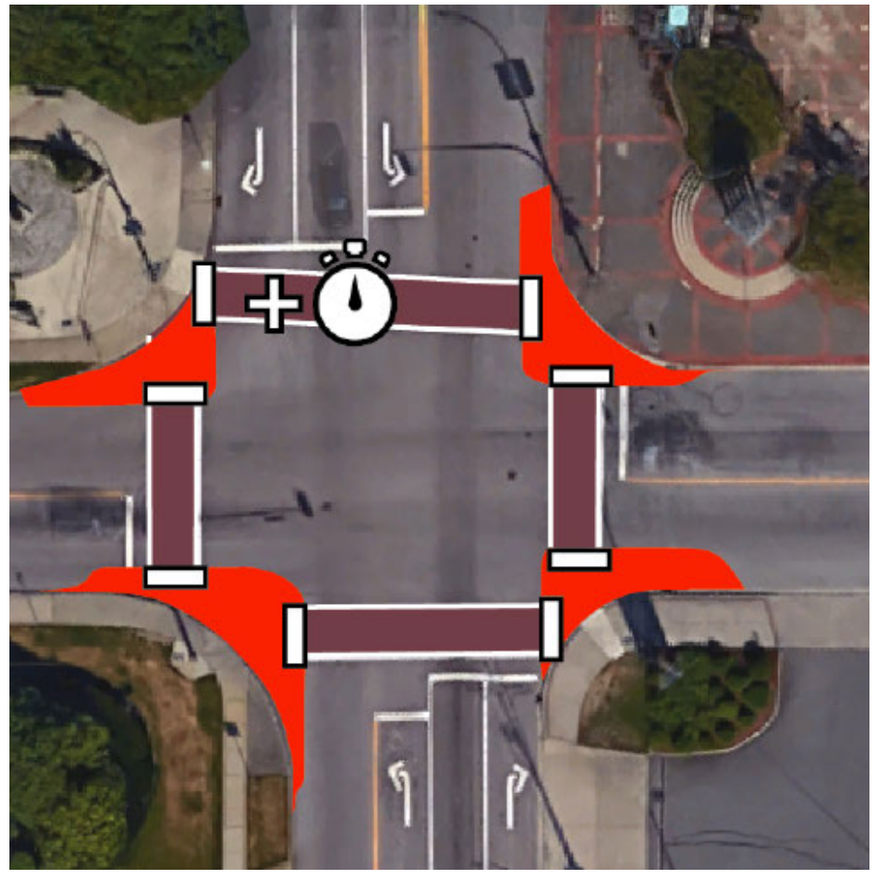
LEGEND

Increase crossing time

Upgrade corner letdown

Install high visibility crosswalk

LONG TERM UPGRADE



LEGEND

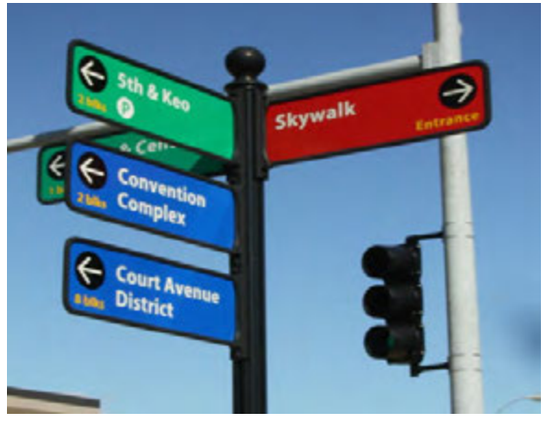
Install curb extension

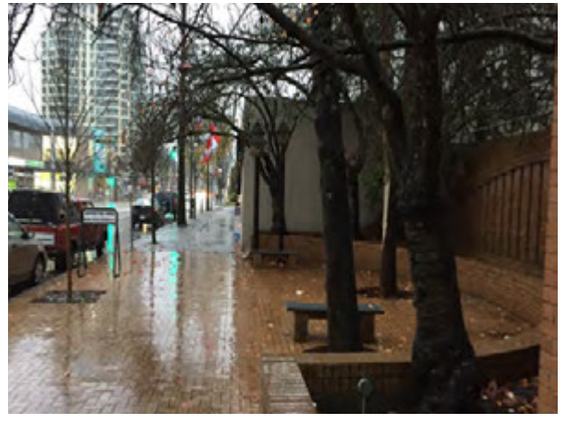
Increase crossing time

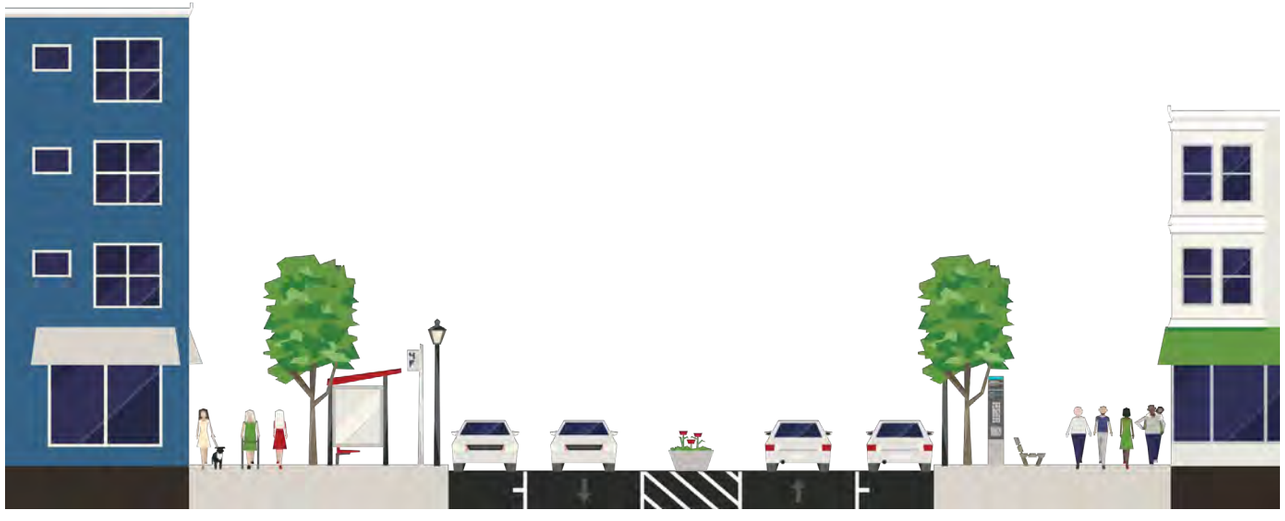
Install high visibility crosswalk

Add single letdown

CORRIDOR RECOMMENDATIONS: 6TH STREET







SENIOR-FRIENDLY PEDESTRIAN DESIGN IS

NECESSARY

SENIOR-FRIENDLY PEDESTRIAN DESIGN IS

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NECESSARY

SIMPLE

BENEFICIAL FOR EVERYONE

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