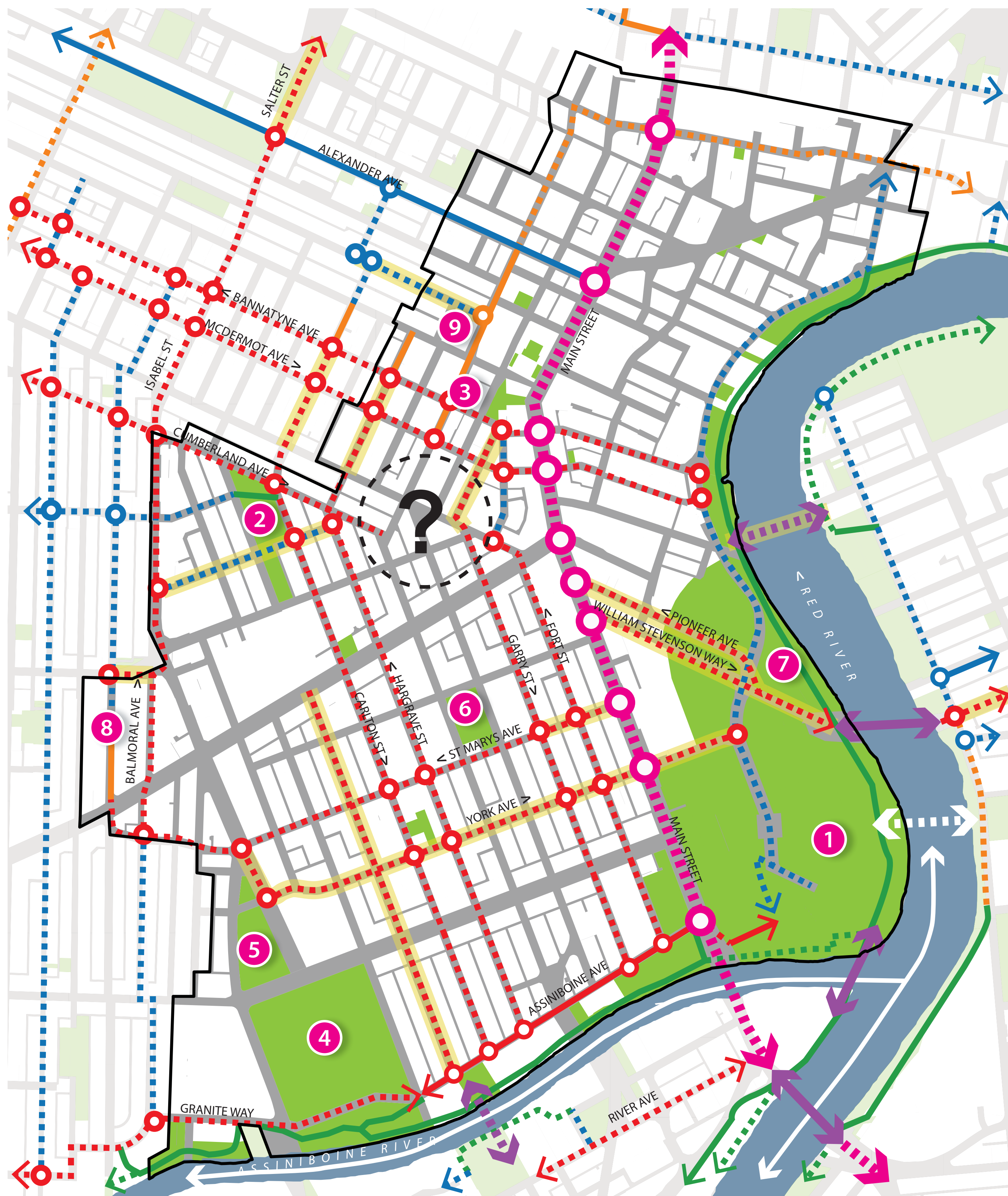
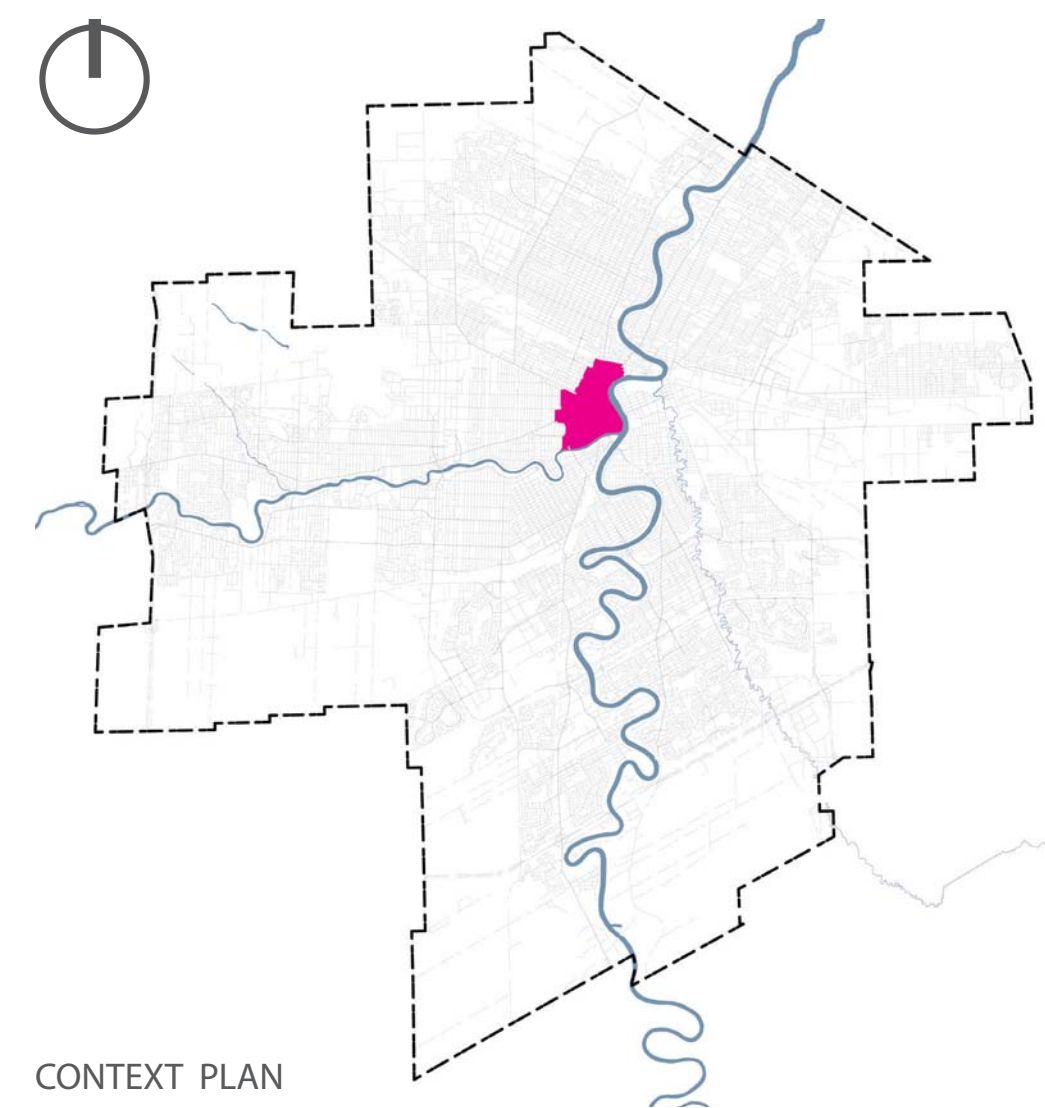


DOWNTOWN PROTECTED BIKE LANES

WINNIPEG, MANITOBA



downtown winnipeg protected bike lanes
OVERALL CONCEPT PLAN



MAJOR DESTINATIONS

- 1 THE FORKS
- 2 CENTRAL PARK
- 3 OLD MARKET SQUARE
- 4 MANITOBA LEGISLATURE
- 5 MEMORIAL PARK
- 6 MILLENIUM LIBRARY
- 7 CANADIAN MUSEUM FOR HUMAN RIGHTS
- 8 UNIVERSITY OF WINNIPEG
- 9 RED RIVER COLLEGE PRINCESS CAMPUS

LEGEND

- | EXISTING | PROPOSED | |
|----------|----------|---|
| | | MAIN STREET PROTECTED BICYCLE LANES |
| | | PROTECTED BICYCLE LANES |
| | | NEIGHBOURHOOD GREENWAY |
| | | PAINTED BICYCLE LANES |
| | | OFF-STREET PATHWAY |
| | | ACTIVE TRANSPORTATION BRIDGE |
| | | WINTER ONLY |
| | | CHANGE IN FACILITY TYPE OR NETWORK ADDITION |

69,000 PEOPLE COME DOWNTOWN TO WORK EACH DAY

24,000 STUDENTS COME DOWNTOWN TO LEARN EVERY YEAR

16,000 PEOPLE LIVE DOWNTOWN

60% ↑ CYCLING CITY WIDE (SINCE 2009)

6,200 COMMUTE DOWNTOWN BY BICYCLE (2012)

1,812 HOUSING UNITS BUILT BETWEEN 2005 AND 2013, WITH 1719 MORE PLANNED

21% OF TRIPS IN THE DOWNTOWN ARE MADE BY WALKING/CYCLING VS. 11% AVERAGED THROUGHOUT THE REST OF THE CITY

>6/10 TRIPS MADE DOWNTOWN ARE MADE BY FOOT!

WINNIPEG HAS THE MOST CENTRAL BUSINESS DISTRICT PARKING OF CANADIAN CITIES!

3,757 METERED ON-STREET PARKING SPOTS DOWNTOWN

35,526 OFF-STREET SPACES OF WHICH 2/3RDS ARE PUBLIC

SOURCES

1. http://downtownwinnipegrends.com/wp-content/uploads/2014/06/DBIZ_Trends_2014.pdf
2. <http://downtownwinnipegrends.com/why-downtown/>

WHY PROTECTED BIKE LANES?

WINNIPEG, MANITOBA



WINNIPEG, MB (PHOTO CREDIT: ANDERS SWANSON)

FORT + GARRY PROTECTED BIKE LANES

WINNIPEG, MANITOBA



carlton, hargrave, garry, fort
VARIABLE PAVEMENT WIDTHS

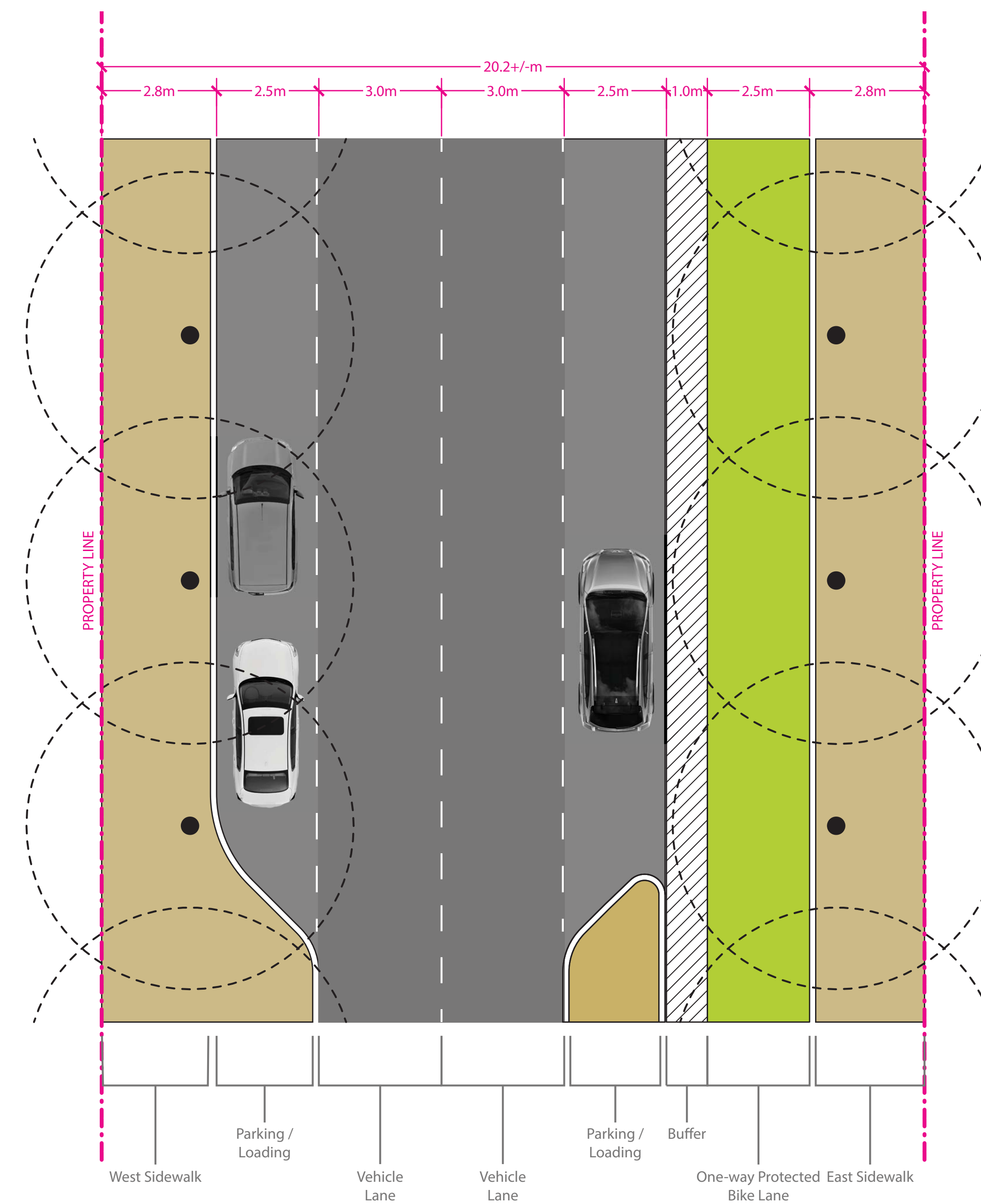


FORT + GARRY TYPICAL CROSS-SECTION

WINNIPEG, MANITOBA



fort and garry



BEST PRACTICES - OTHER CITIES

WINNIPEG, MANITOBA



BEST PRACTICES - LOCAL EXAMPLES

WINNIPEG, MANITOBA



BEST PRACTICES - OTHER CITIES

WINNIPEG, MANITOBA



BEST PRACTICES - RAISED CURBS

WINNIPEG, MANITOBA



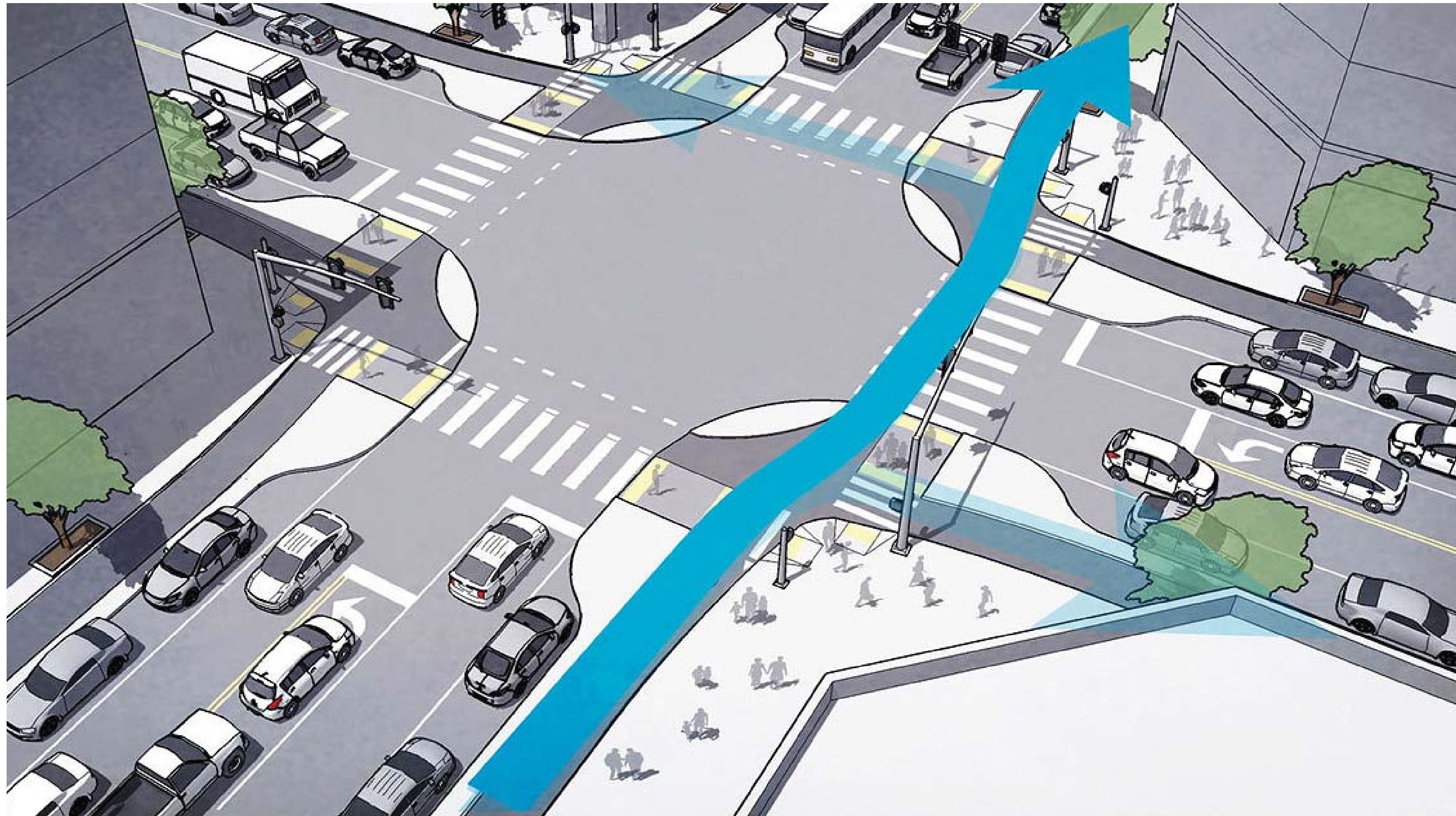
BEST PRACTICES - OTHER CITIES

WINNIPEG, MANITOBA



BEST PRACTICES - PROTECTED INTERSECTIONS

WINNIPEG, MANITOBA



STREETSCAPE IMPROVEMENTS

WINNIPEG, MANITOBA

Opportunities to create an identity for the area. Destination Streets. Placemaking. Additional reasons to visit and stay.



PARKLETS

WINNIPEG, MANITOBA

WHAT IS A PARKLET?

They are public space. The public version of a patio, typically with seating designed to create attractive, unique, and comfortable environments for people to interact and explore in the urban environment.

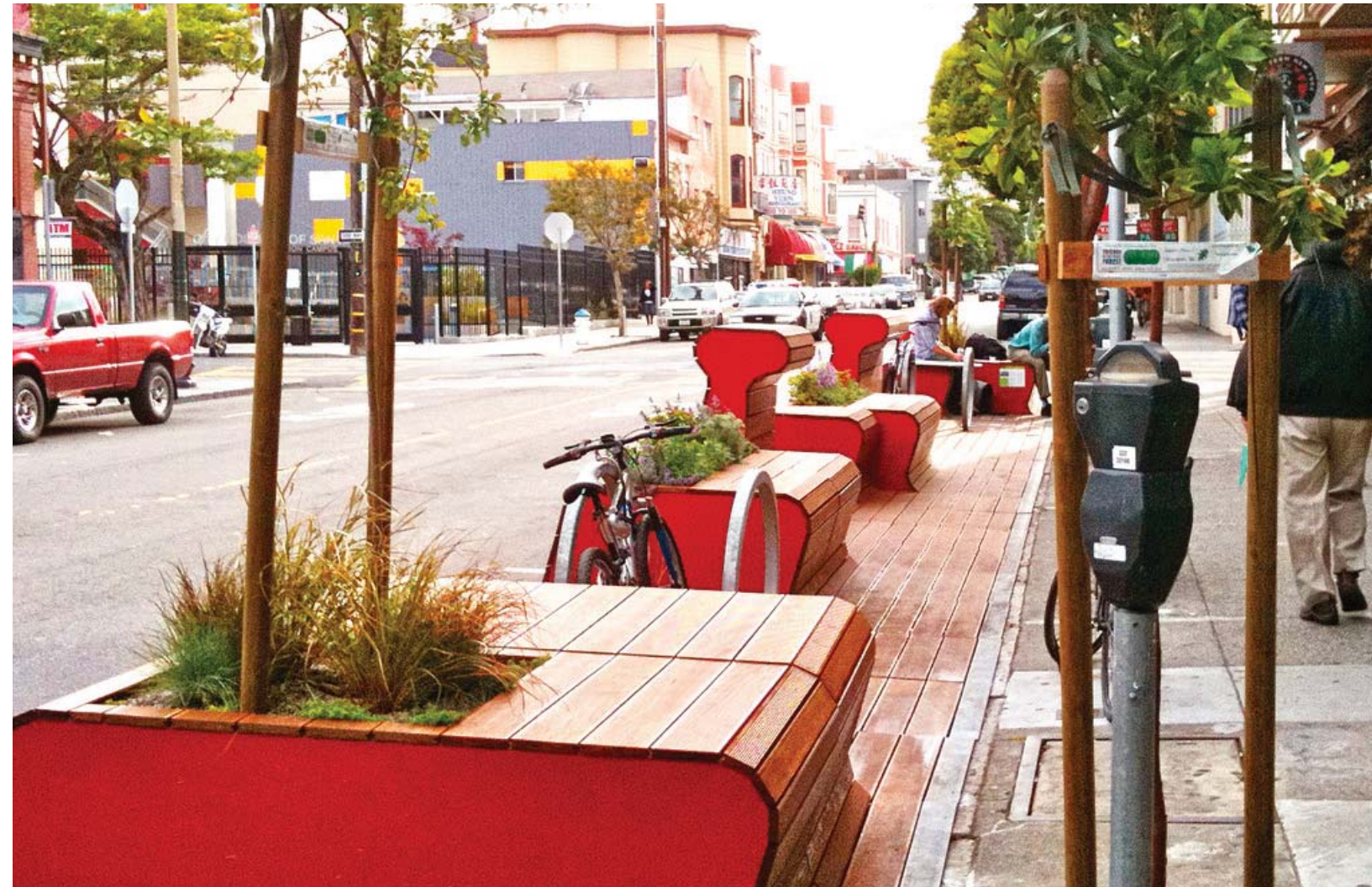
Parklets make use of a minimal amount of parking spaces within the public right of way, and can help contribute to vibrant and interesting Downtown by adding open space, acting as mini plazas. They can include opportunities for planting, performance space, and even bicycle parking for example.

NOTABLE PROGRAMS

- VIVA Vancouver is a program that transforms road spaces into vibrant pedestrian spaces.
- Pavement to Parks in San Francisco which is celebrating it's 5th anniversary of their park-let program. Pavement-to-parks has clearly defined design guidelines, and a well defined approval process.

PROCUREMENT

- Sponsored by businesses
- Special programs or grants
- Crowd-sourced



VANCOUVER



PARKLETS ACROSS NORTH AMERICA



SAN FRANCISCO



VANCOUVER



SAN FRANCISCO



SAN FRANCISCO



BOSTON



SAN FRANCISCO



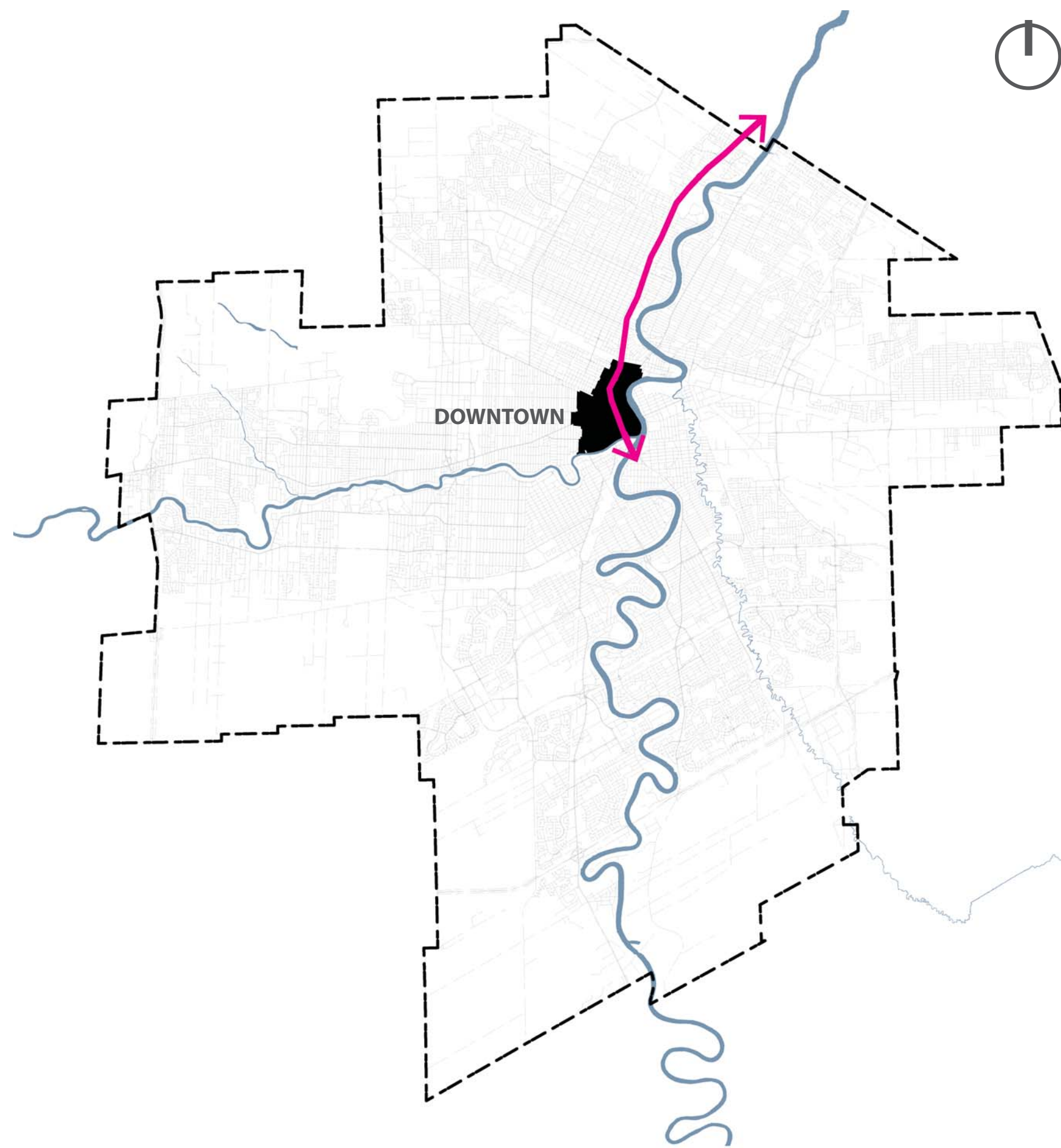
PHILADELPHIA



SAN FRANCISCO

MAIN STREET PROTECTED BIKE LANES

WINNIPEG, MANITOBA



MAIN STREET IS...

40m WIDE
FROM PROPERTY LINE TO PROPERTY LINE

2.3km
FROM THE NORWOOD BRIDGE TO THE
MAIN STREET UNDERPASS

10.0km
FROM THE NORWOOD BRIDGE
TO THE CITY LIMITS

AND CONSISTS OF...

24.6 Acres (10.0 HECTARES)
OF PUBLIC RIGHT OF WAY WITHIN
THE DOWNTOWN AREA

21.5%
SIDEWALK SPACE
(BOTH USABLE AND UN-USABLE)

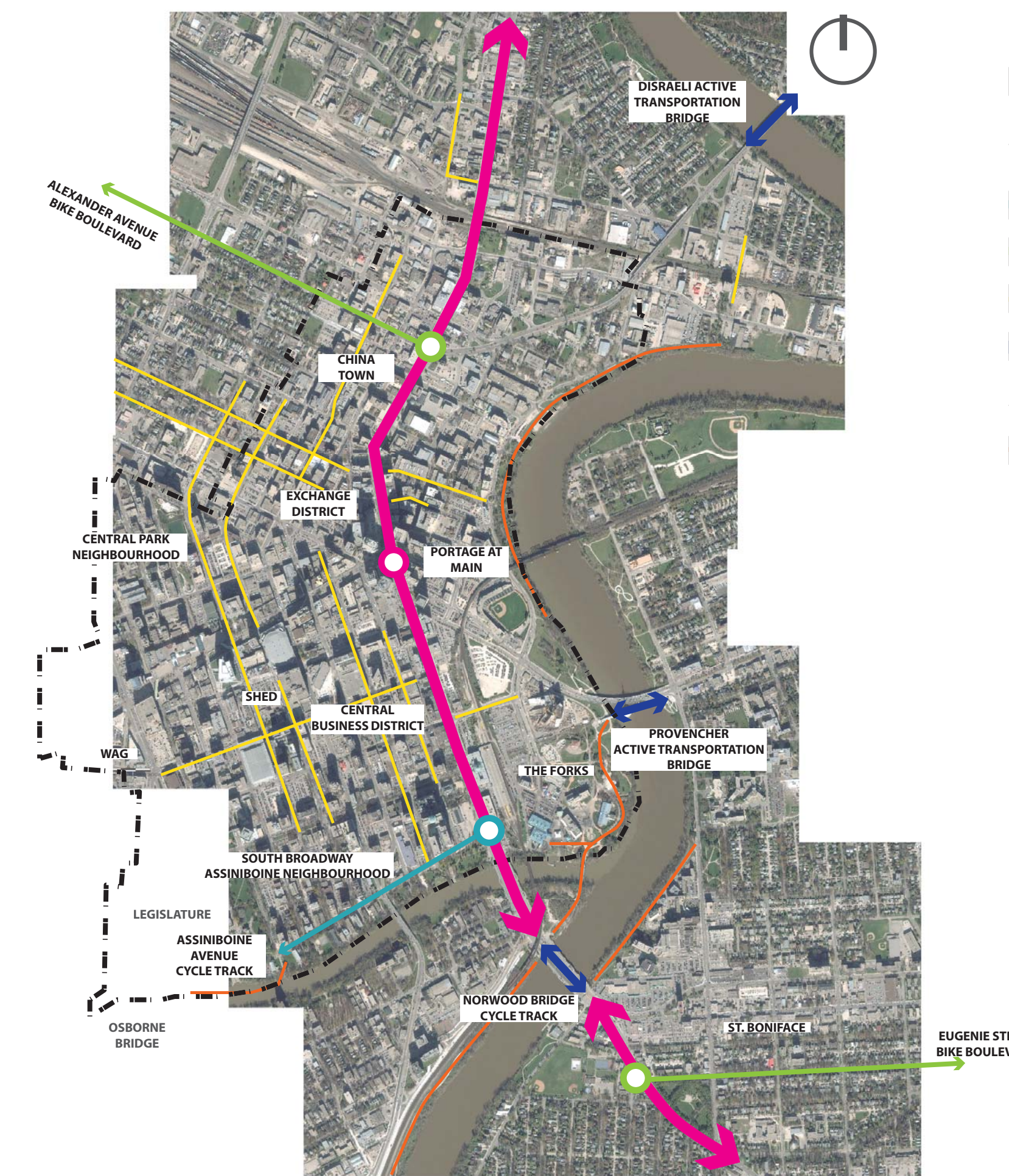
THE MOST
DIRECT ROUTE
FROM A2B.

AND

HAS UNTAPPED POTENTIAL TO
PROVIDE A SAFE ROUTE FOR PEOPLE
ON BIKES TRAVELLING IN, OUT,
AND AROUND THE DOWNTOWN
AREA, WHICH CONNECTS TO AND
COMPLEMENTS EXISTING ACTIVE
TRANSPORTATION FACILITIES.

HOW?

MAIN STREET
PROTECTED
BIKE LANES!



- LEGEND**
- PROPOSED MAIN STREET PROTECTED BIKE LANES
 - EXISTING ON-ROAD FACILITIES**
 - ASSINIBOINE CYCLE TRACK
 - BICYCLE BOULEVARD
 - PAINTED BIKE LANE
 - BRIDGE CROSSING WITH A/T FACILITIES
 - EXISTING OFF-ROAD FACILITIES**
 - MULTI-USE PATH (PAVED AND UNPAVED)

TODAY

Currently, Main Street has four north-bound and four south-bound vehicular lanes. Diamond lanes are designated for moving buses at times of peak travel.



VIEW OF MAIN, LOOKING SOUTH (EXISTING)

Main Street Protected Bike Lanes would provide a direct and safe route for people travelling in, out, and around the downtown area; a north-south spine that connects to and complements existing active transportation facilities.

The key is that Main Street is already the most convenient route to many destinations, it is the gateway to downtown and The Forks, and has an existing right of way that is wide enough to allow for changes that are more inclusive of active transportation options year round.

For those reluctant to ride, it could be what provides them with confidence and peace of mind, and would certainly help promote cycling in Winnipeg for all ages and abilities.

PRECEDENT



SHERBROOKE PROTECTED BIKE LANES (PHOTO CREDIT: ANDERS SWANSON)

SHERBROOK STREET
PROTECTED BIKE LANES

47% of people surveyed as part of the [City of Winnipeg] pedestrian and cycling strategy stated that the addition of protected bike lanes on main streets would encourage them to bike more or much more often.
- WINNIPEG PEDESTRIAN AND CYCLING STRATEGIES

MAIN STREET PROTECTED BIKE LANES

WINNIPEG, MANITOBA

TOMORROW



VIEW OF MAIN, LOOKING SOUTH (PROPOSED IN WINTER)

TOMORROW



VIEW OF MAIN, LOOKING SOUTH (PROPOSED IN SUMMER)

