

NORTHWEST IN MOTION



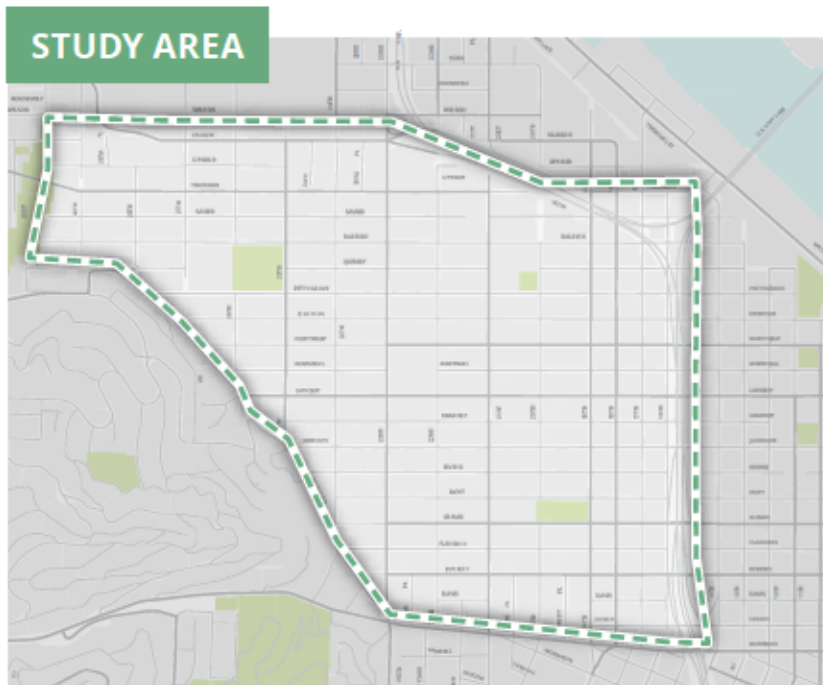
PBOT
PORTLAND BUREAU OF TRANSPORTATION

PORTLAND CITY COUNCIL

October 8, 2020

What is Northwest in Motion?

Northwest in Motion is collection of **projects, programs, and policies** that can be **quickly implemented** to make **walking, biking, and riding transit safer, more accessible, and more attractive** options to travel to and around the **Northwest District**.

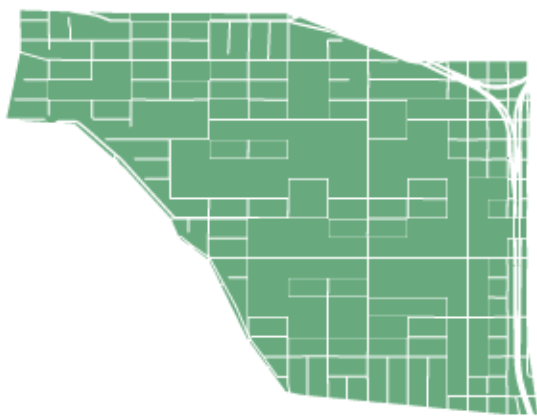


What is Northwest in Motion?

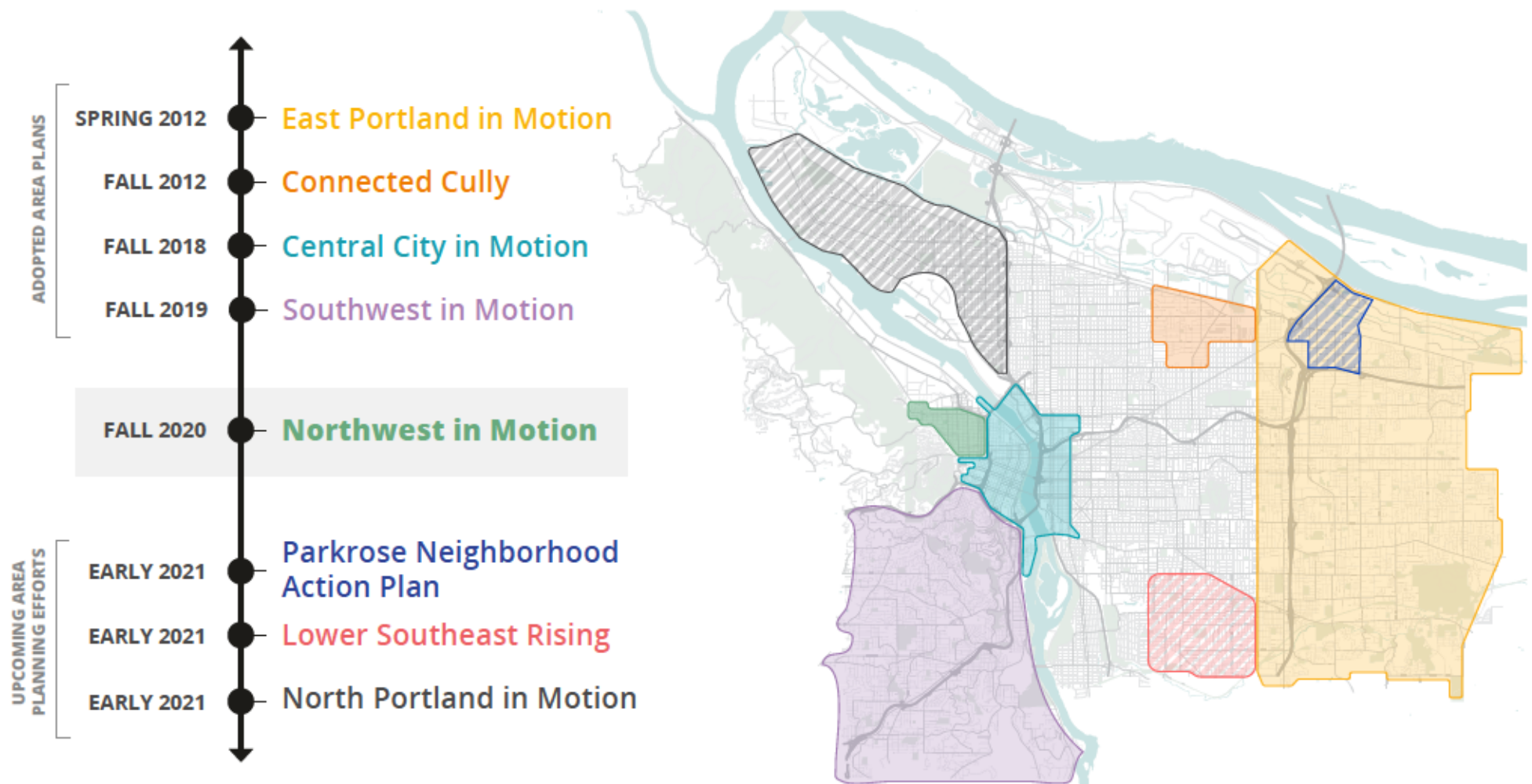


Northwest in Motion Recommends

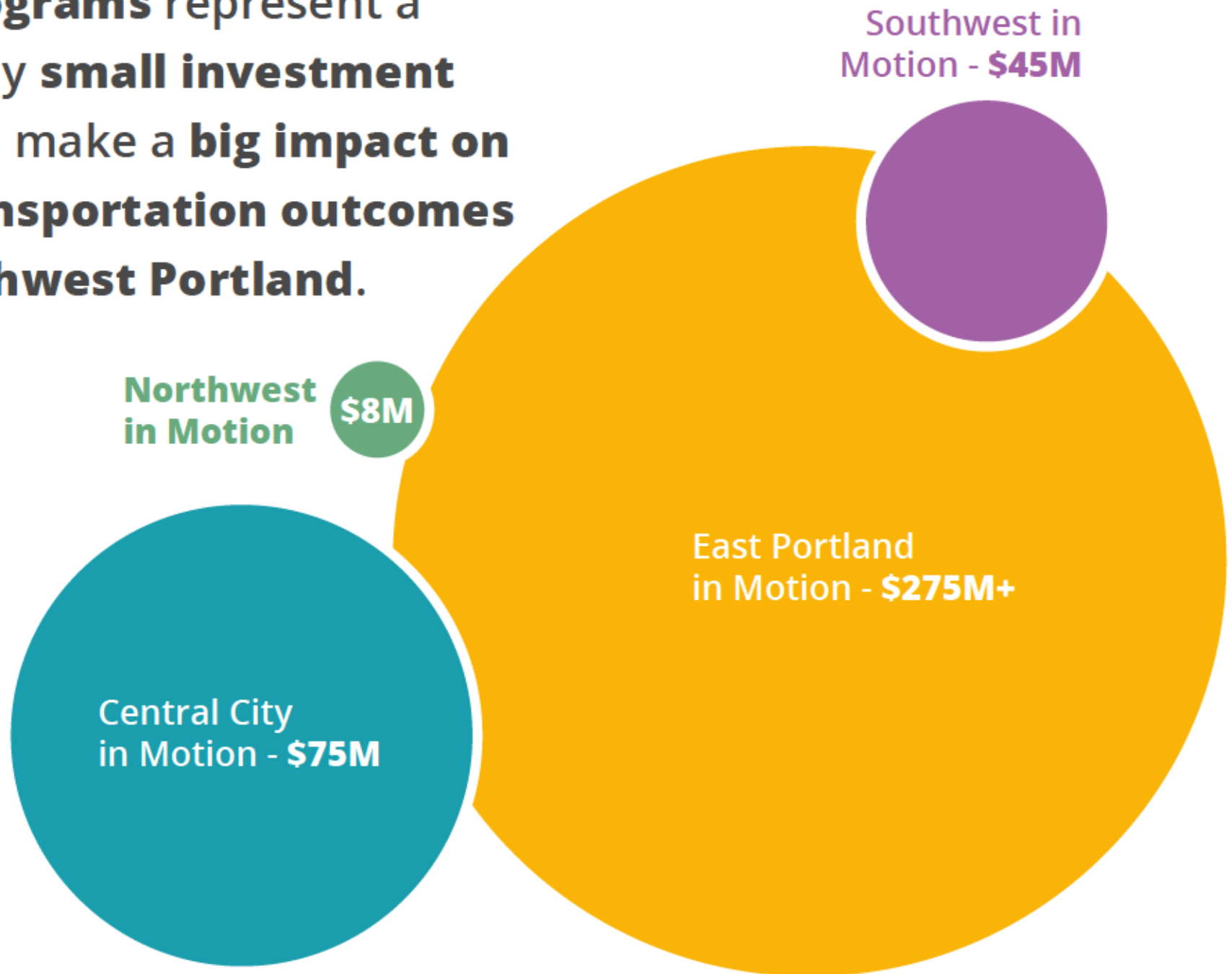
- **10 Tier One Projects** including:
 - **5 Neighborhood Greenways**
 - **5 Corridor Improvement Projects**
- **7 Additional Tier 2 Projects**
- **10 District-Wide Program** Recommendations
- **Policy Guidance for Future Parking Revenue** within the Northwest District
- **Recommended TSP Updates**
 - Bicycle Classifications
 - Transit Classifications
 - Traffic Classifications
 - Updates to the TSP Projects List



Area Planning is the translation of **citywide policies and strategies** to the **unique and distinct geographies** within the City of Portland



Northwest in Motion projects and programs represent a relatively **small investment** that will make a **big impact on the transportation outcomes in Northwest Portland.**



Plan Process & Community Engagement



- 7** Community Advisory Group Meetings
- 2** Focus Groups with Affordable Housing Provider Home Forward
- 8** Community Walking and Biking Tours
- 5** Tabling Events at Northwest Businesses
- 12** Interactive Sidewalk Decals
- 2** In-Person Open Houses
- 3** Online Open Houses

+ Many meetings with neighborhood and business associations, advisory committees, and other stakeholders

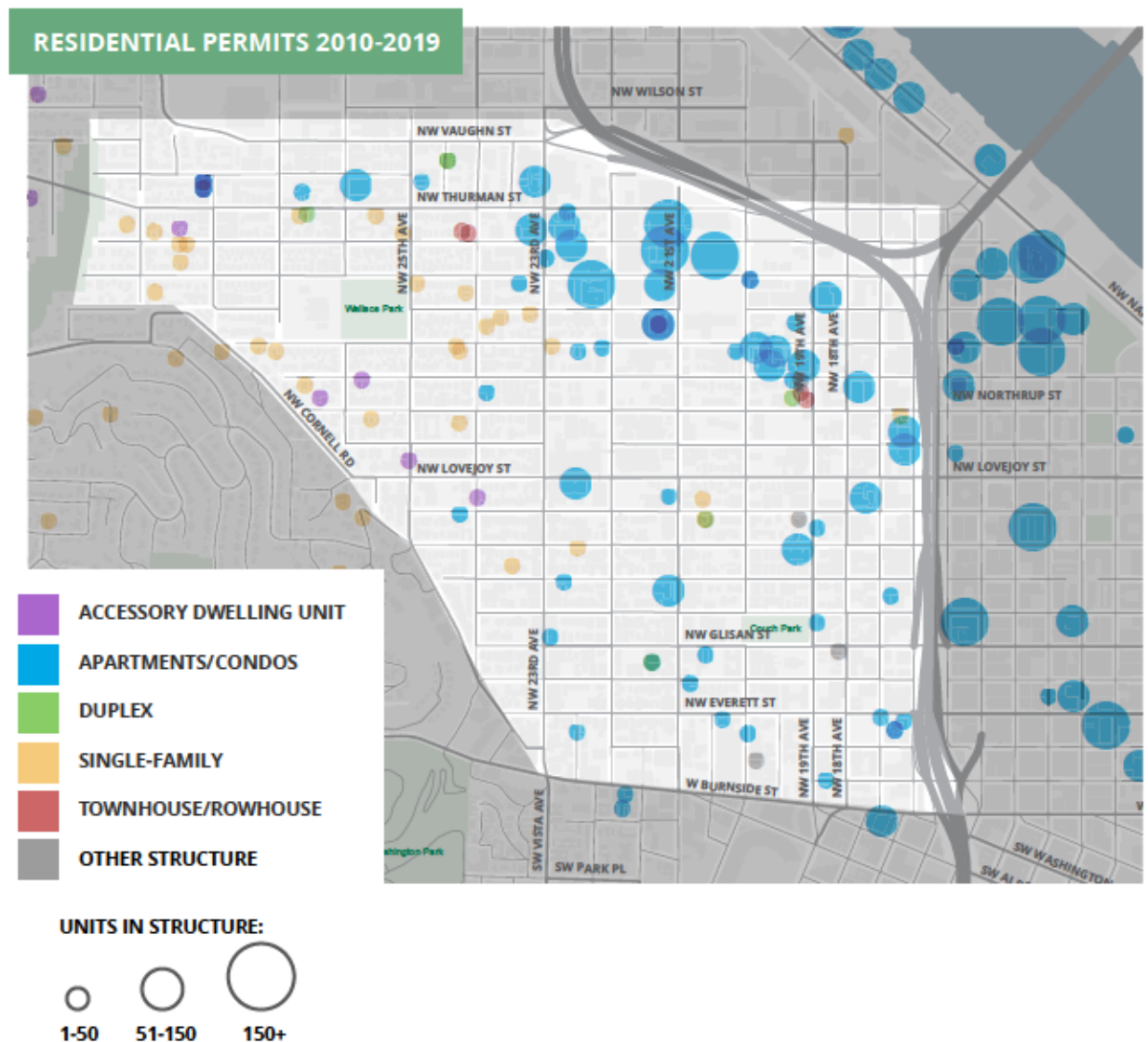
Northwest Portland Today

The district is rapidly growing and will continue to grow

Since 2008, the multi-family housing stock in Northwest has more than doubled.

That number is expected to continue to grow over the next 15 years.

Time Period	New MF Housing Units
2000-09	~ 1200
2010-19	~ 2400
2020-35	+ 3000



Northwest Portland Today

The district is rapidly growing and will continue to grow



Northwest Parking District

The NW Parking District was created to:

- Bridge the gap between parking availability and demand
- Support a full range of transportation options within the context of
- Neighborhood livability and economic vitality
- Efficiently manage parking
- Reduce reliance on single-occupancy vehicles

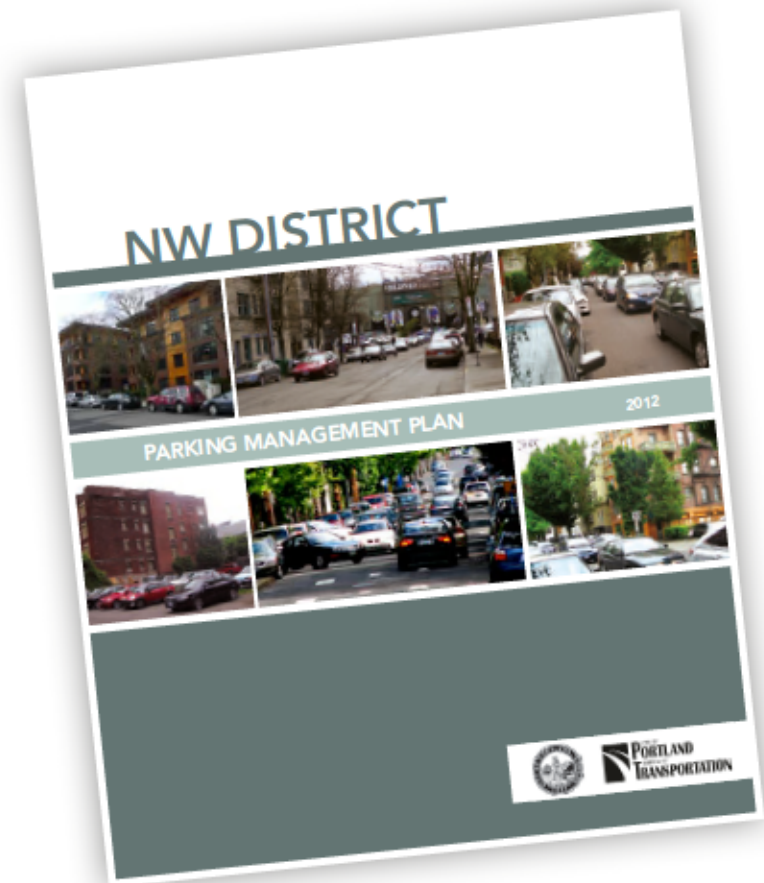
Funding comes from two major sources:



*51% of the Net Meter
Revenue from the
Northwest Meter District*

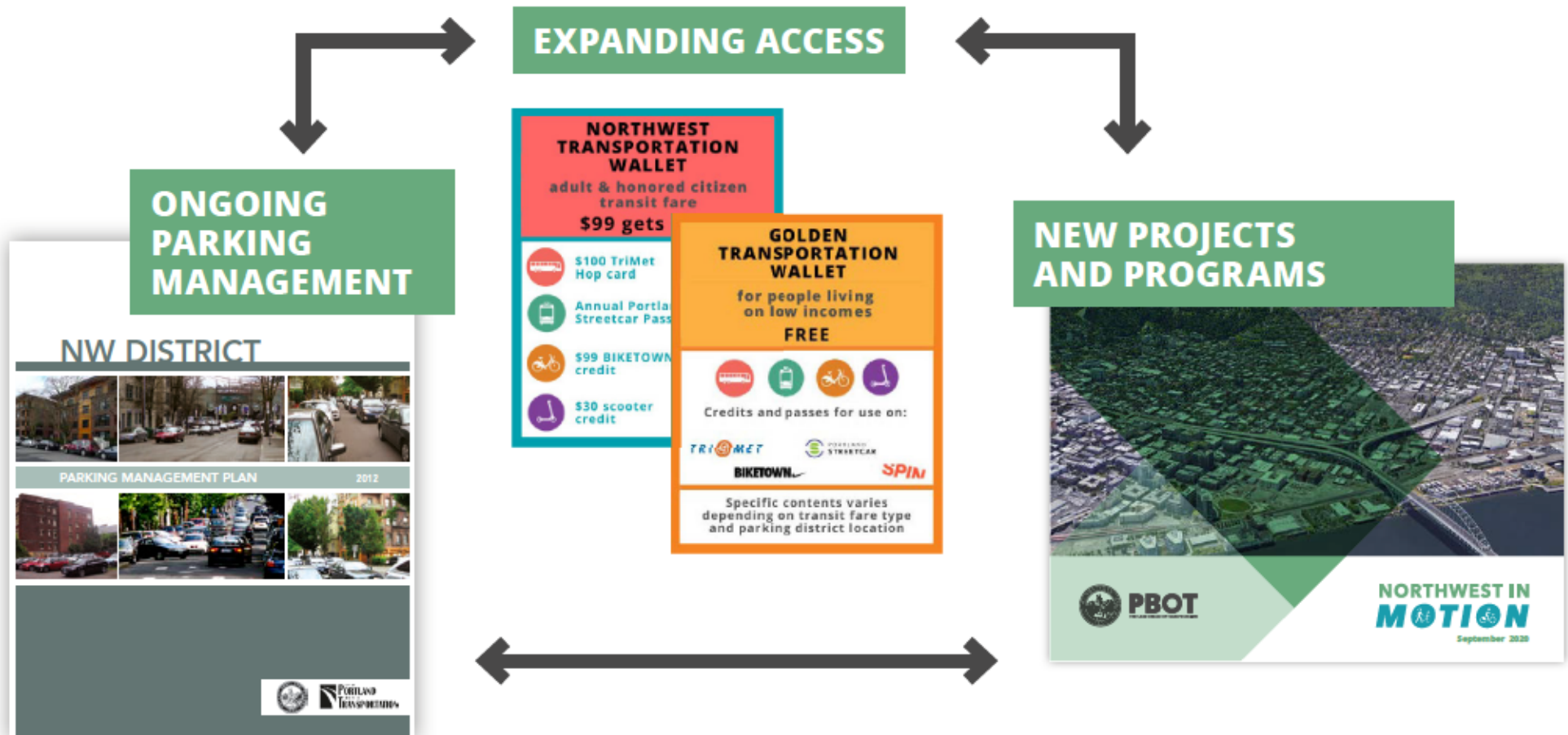


*\$120 surcharge
on Zone M
Parking Permit*



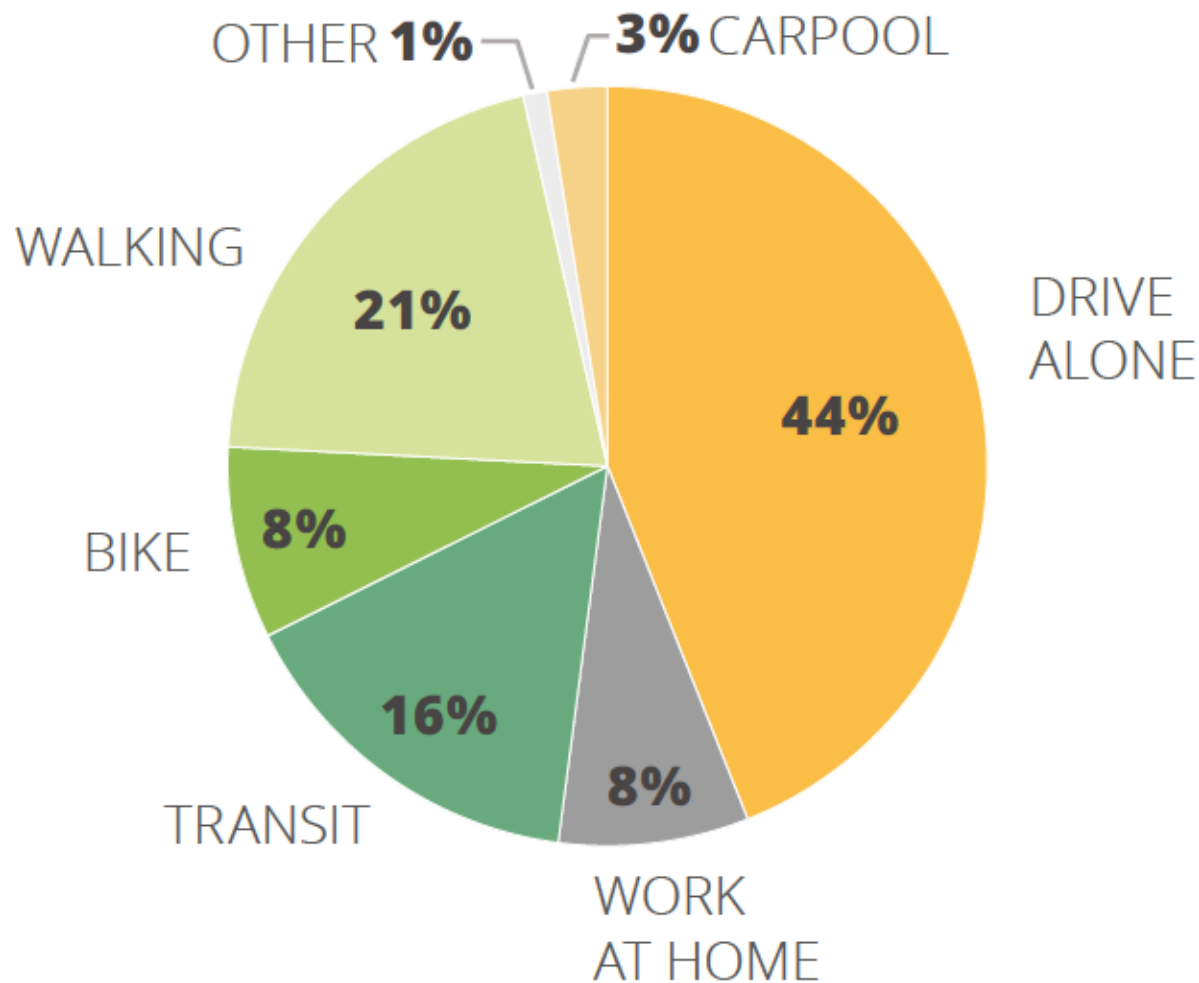
Northwest Parking District

A coordinated and interconnected set of strategies to meet district transportation goals



Northwest Portland Today

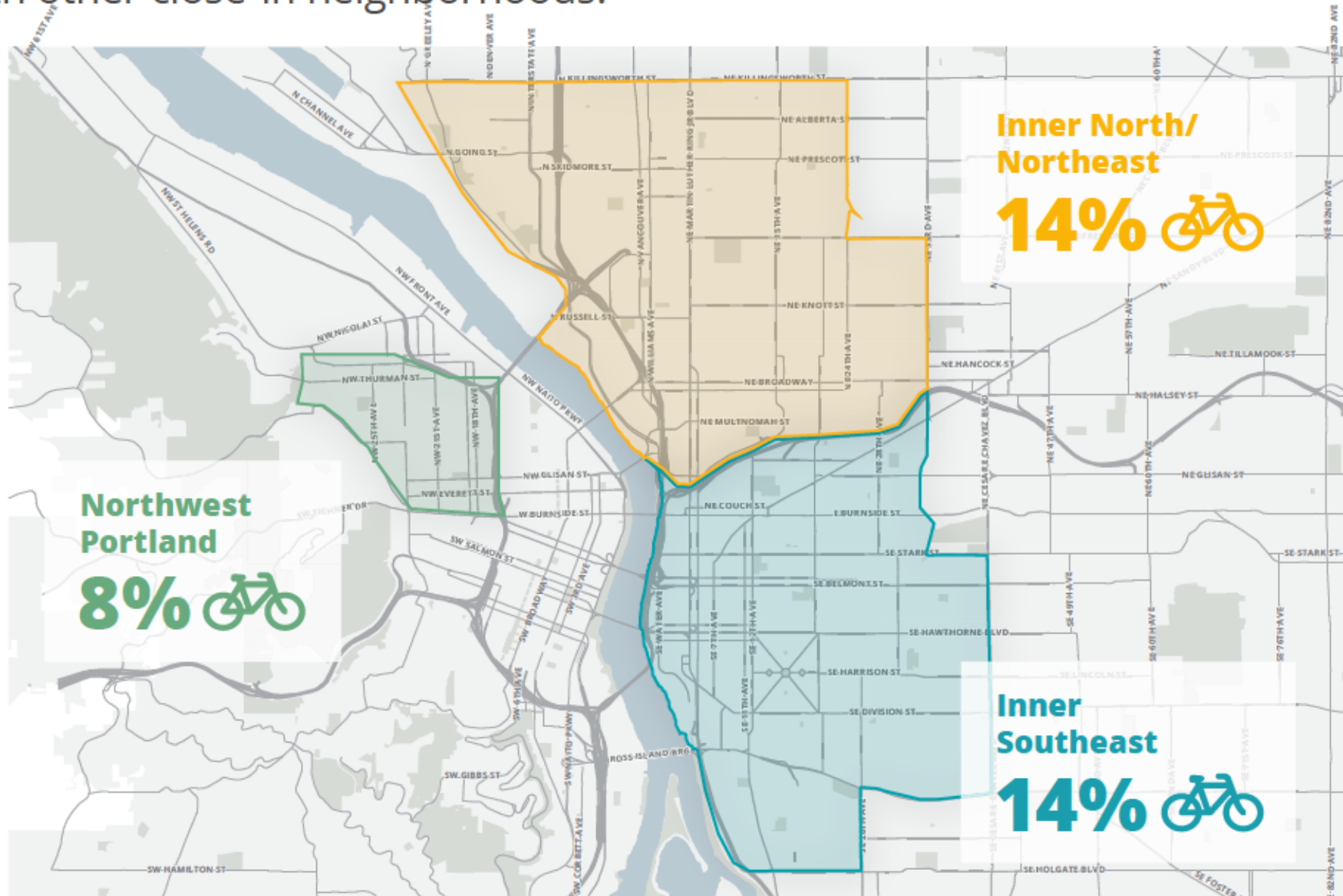
How do people get around?



38% of auto trips in Northwest Portland are less than 3 miles long.

Northwest Portland Today

How does bicycling in Northwest compare with other close-in neighborhoods?

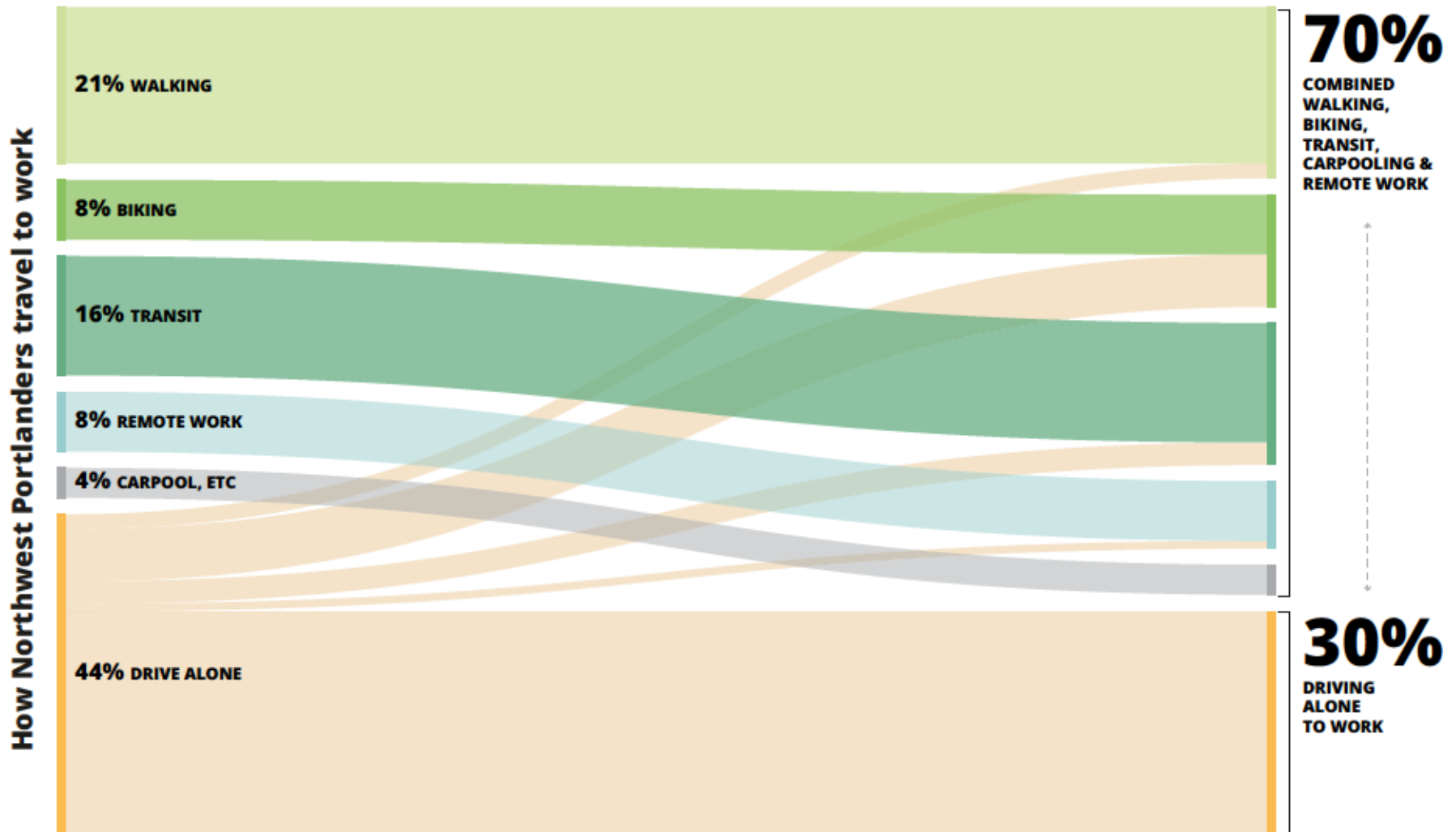


Northwest Portland Tomorrow

More transportation choices, with more Northwest residents choosing to get around without a car.

TODAY

OUR GOAL BY 2025...



Expanding Access to Low-Cost Transportation

Areas of higher equity and affordable housing



GALLAGHER PLAZA

MEDALLION APTS

NORTHWEST TOWERS + ANNEX

WILLIAMS PLAZA

PBOT EQUITY MATRIX

Race + Income Composite Score



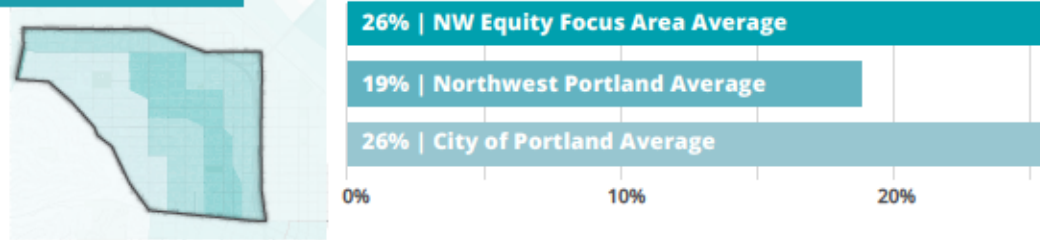
NW Equity Focus Area

Regulated Affordable Housing Development

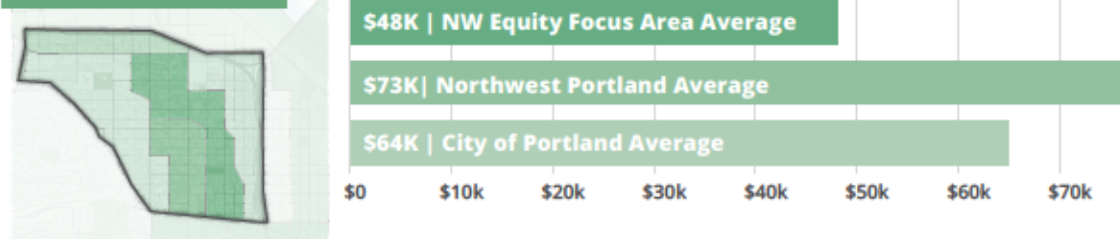
Expanding Access to Low-Cost Transportation

Prioritizing investments in higher equity areas

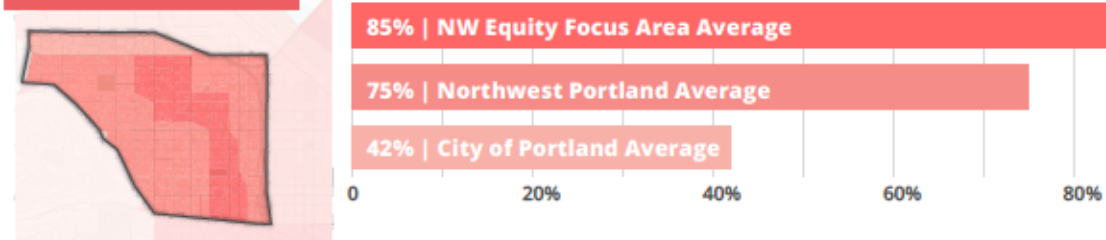
PEOPLE OF COLOR



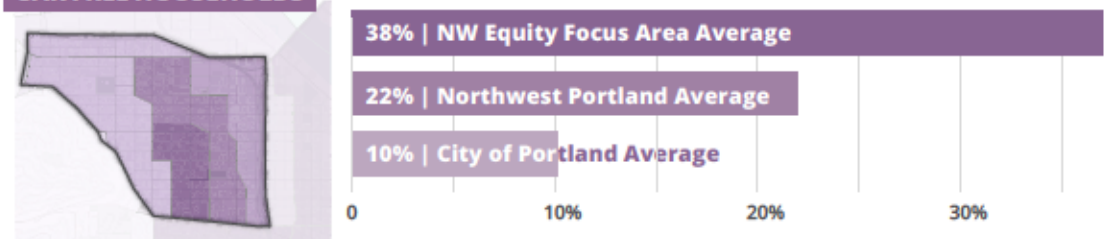
HOUSEHOLD INCOME



RENTER HOUSEHOLDS



CAR FREE HOUSEHOLDS



Northwest in Motion Projects

are divided into two project types:

NG

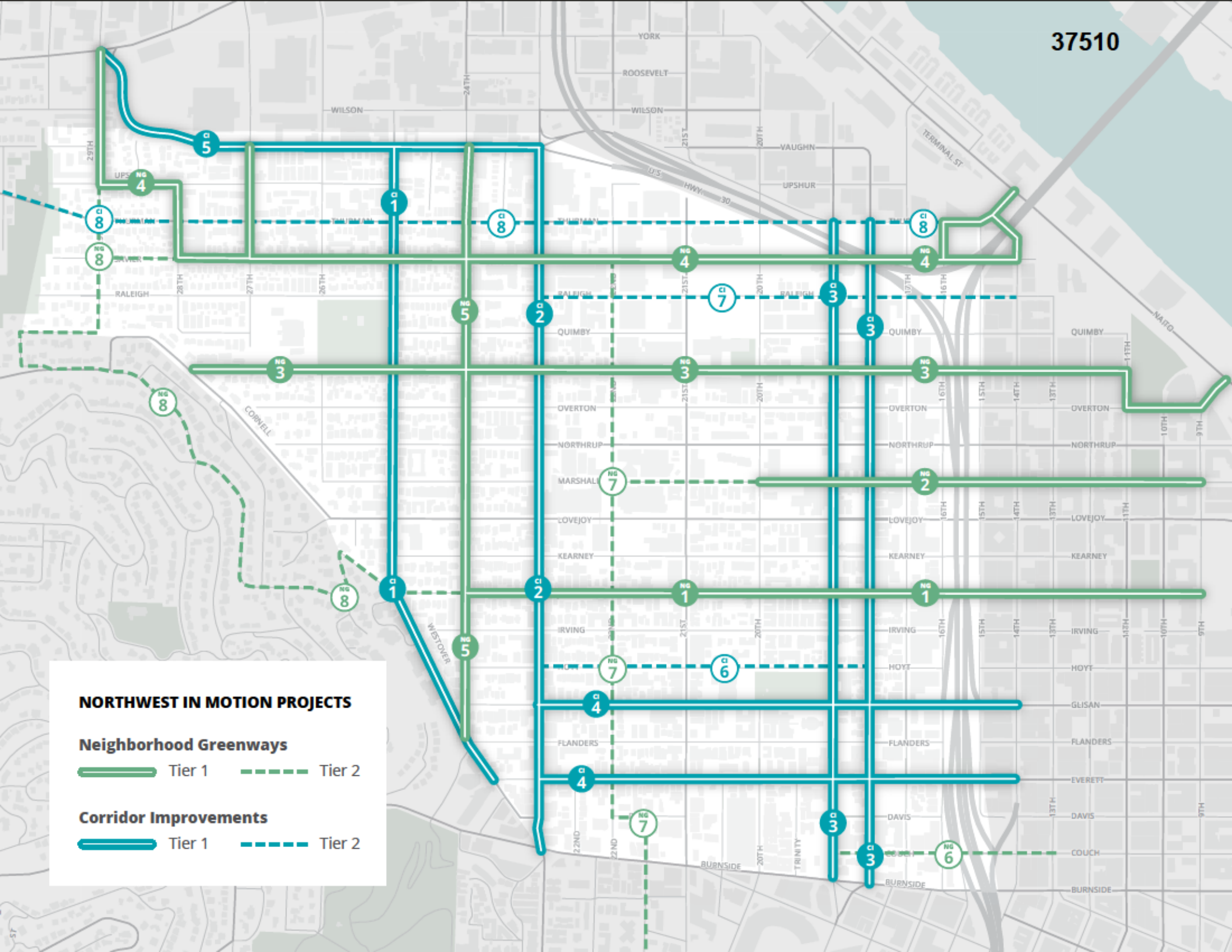
Neighborhood Greenways

Low-stress neighborhood streets that are great places to walk, bike, roll, play, and just be.

**CI**

Corridor Improvements

Safer crossings, bikeway, transit and streetscape improvements on Northwest's busiest streets.



NORTHWEST IN MOTION PROJECTS

Neighborhood Greenways

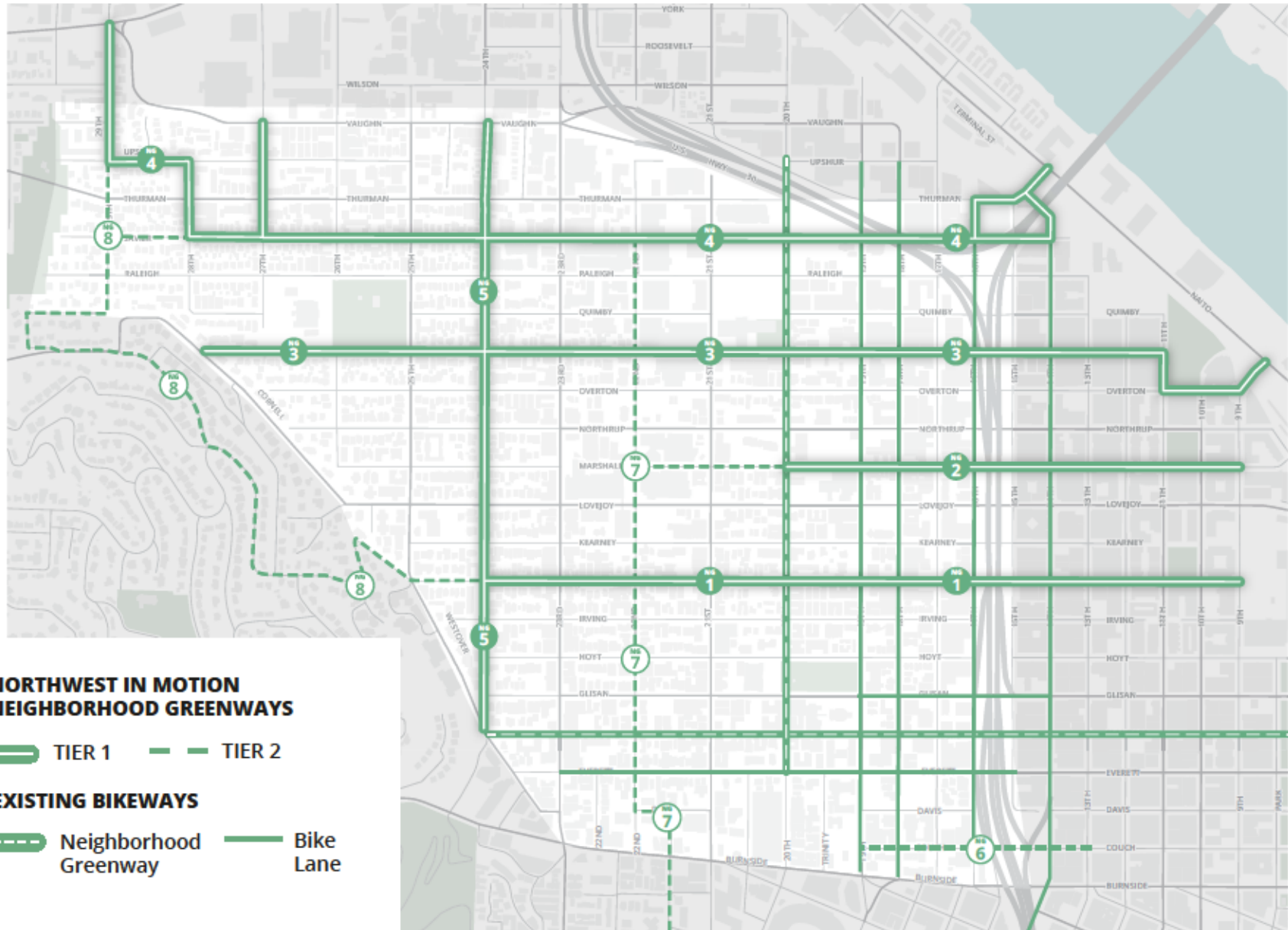
- Tier 1
- Tier 2

Corridor Improvements

- Tier 1
- Tier 2

RECOMMENDED PROJECTS

Neighborhood Greenways



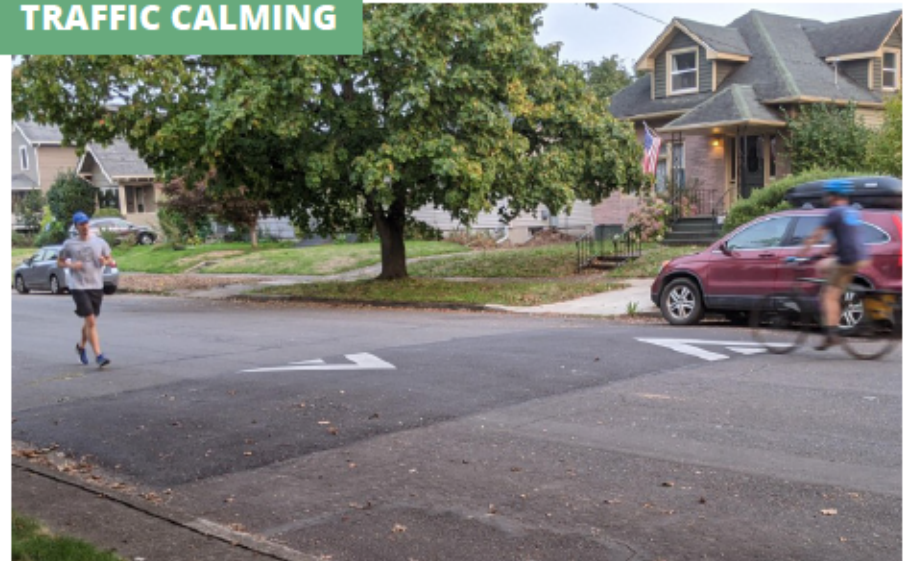
What Are Neighborhood Greenways

Neighborhood Greenways are streets designed to be **calm and quiet** with **slow speeds and low vehicle volumes**.

They are designed to be **comfortable for all people of all ages and abilities** to travel safely in a **shared street environment**.

These streets are **self-enforcing through design and engineering** providing for **safe passage with less traffic enforcement**.

TRAFFIC CALMING



TRAFFIC SEMI-DIVERTER



Why Greenways for Northwest?

2015 Neighborhood Greenway Assessment Report established key benchmarks and guidelines for neighborhood greenway performance and monitoring

SLOW SPEEDS

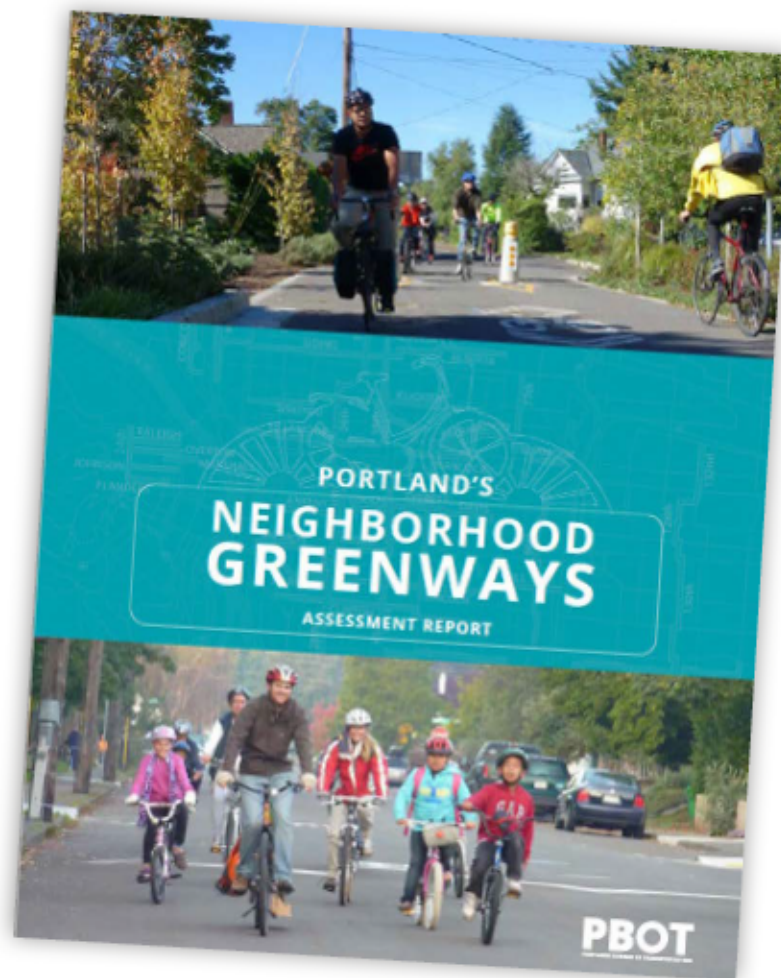


Speeds 20 miles per hour or less

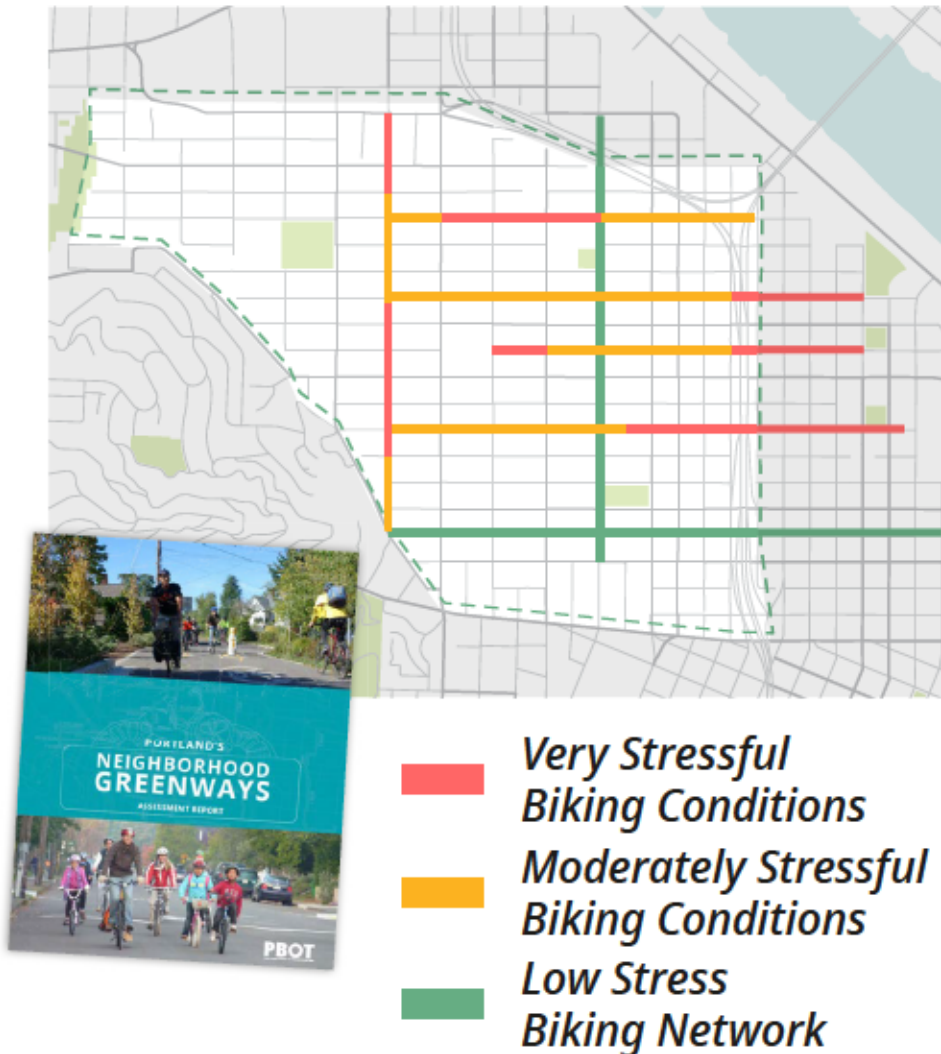
CALM STREETS



No more 1,000 daily vehicles & Less than 50 per hour in peak direction



Why Greenways for Northwest?



“The neighborhood greenways in Northwest Portland have the worst volume profiles.

There are no segments in Northwest Portland with fewer than 1,000 cars per day, and only 29 percent with 1,500 cars per day or fewer.”

Why Greenways for Northwest?

NW 24TH AVE



NW JOHNSON ST



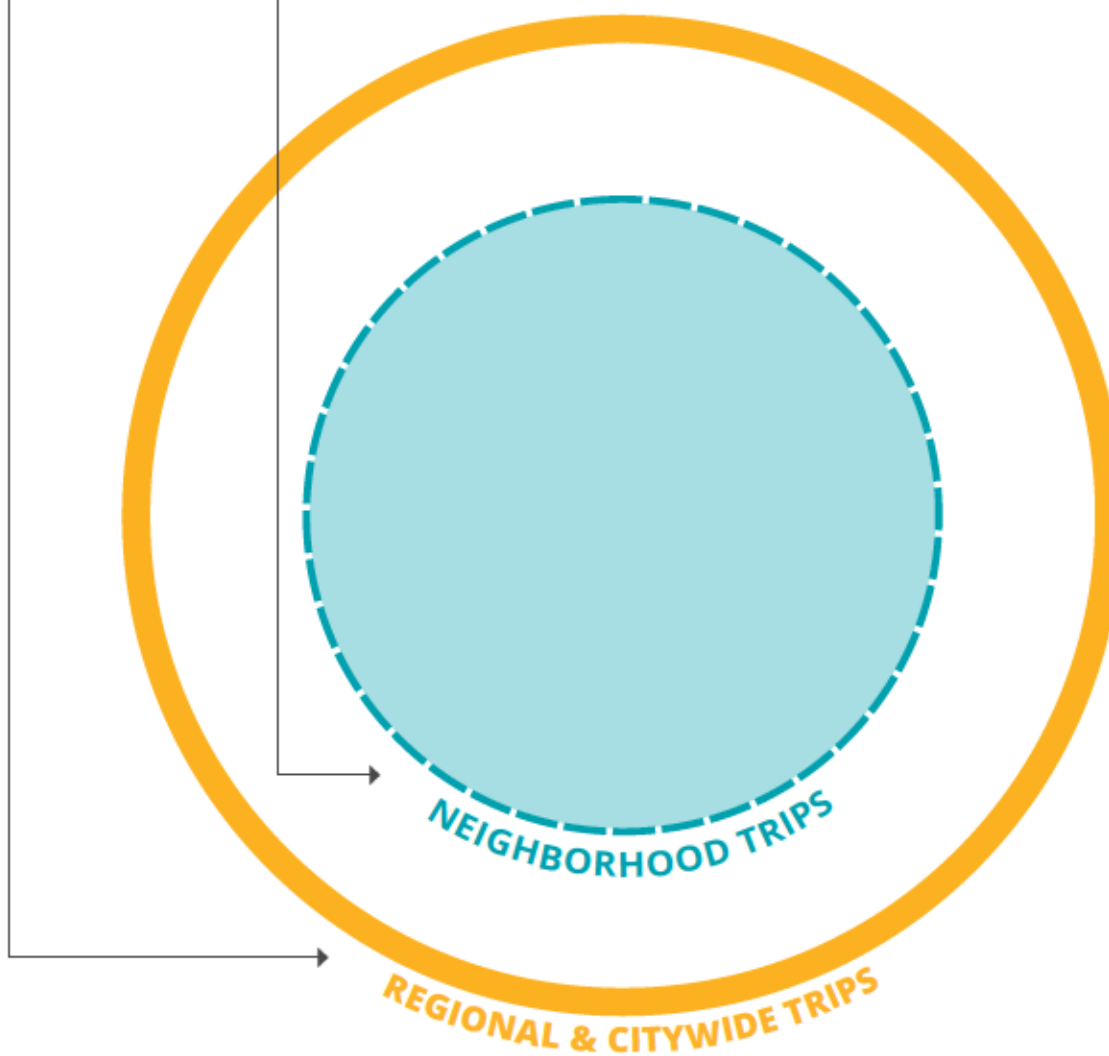
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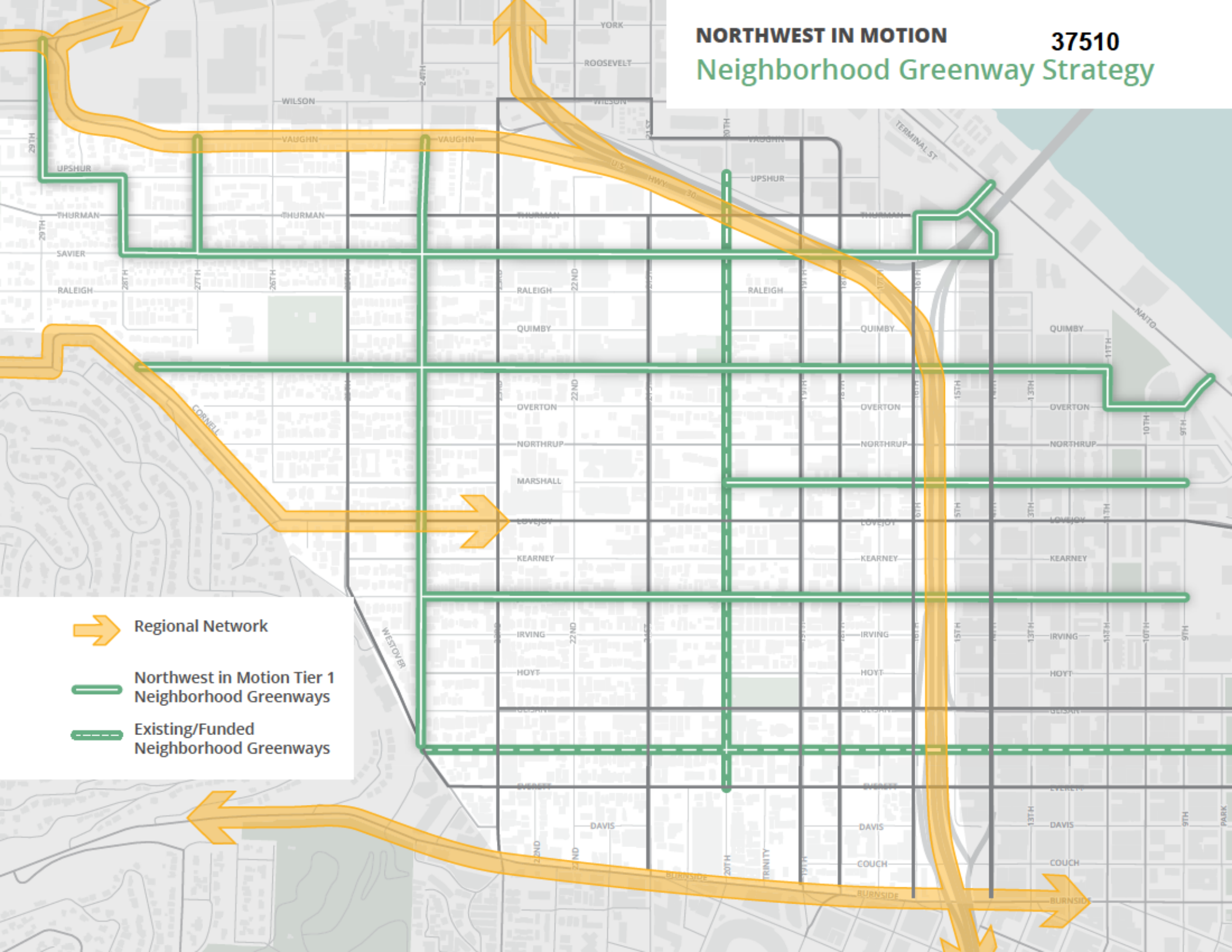
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A District-Wide Strategy

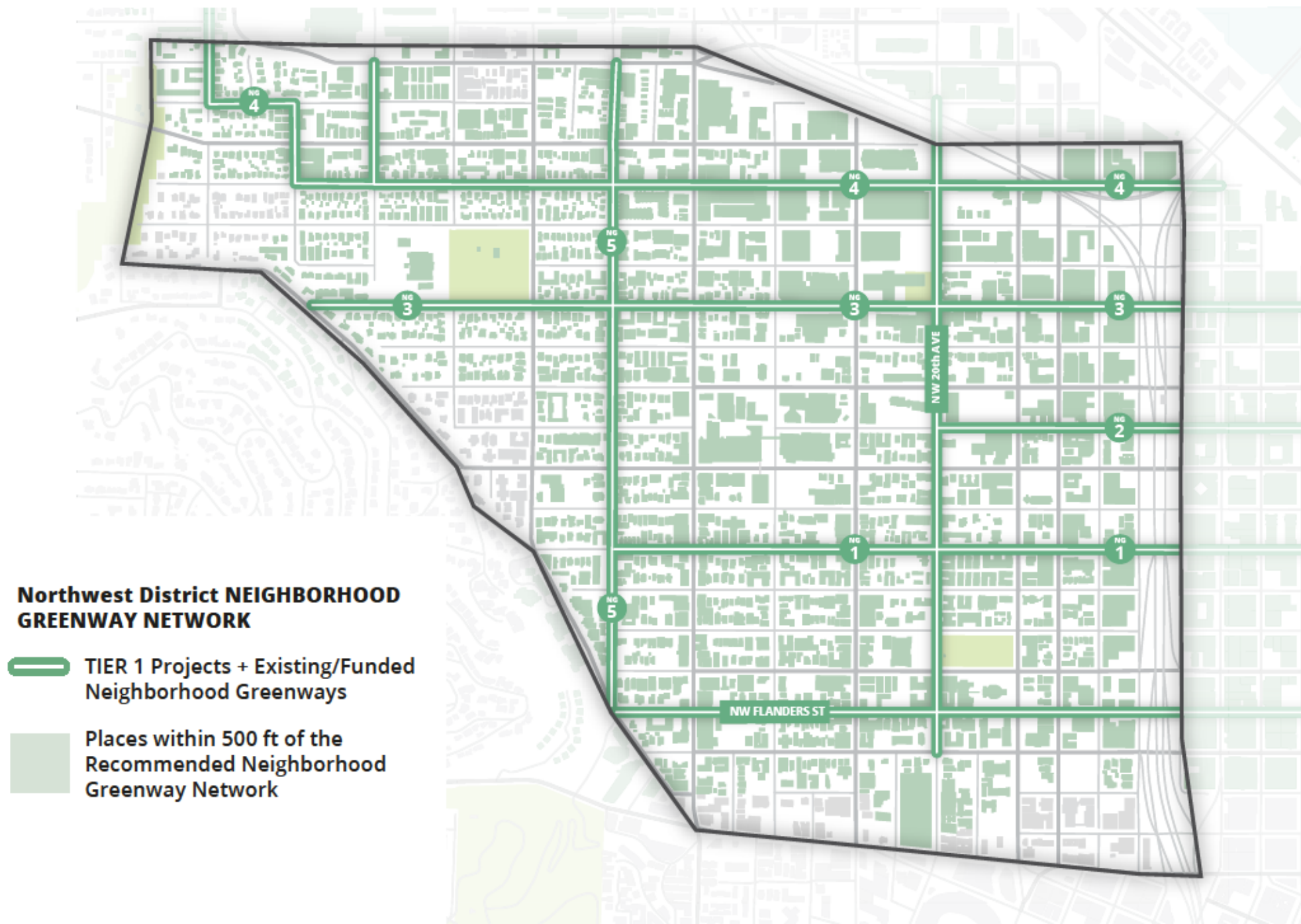
#1 Reinforce existing edges.

#2 Evaluate and consider additional interventions if needed.





The Northwest in Motion Tier 1 Neighborhood Greenways will expand access to low-stress walking and biking routes throughout the district.



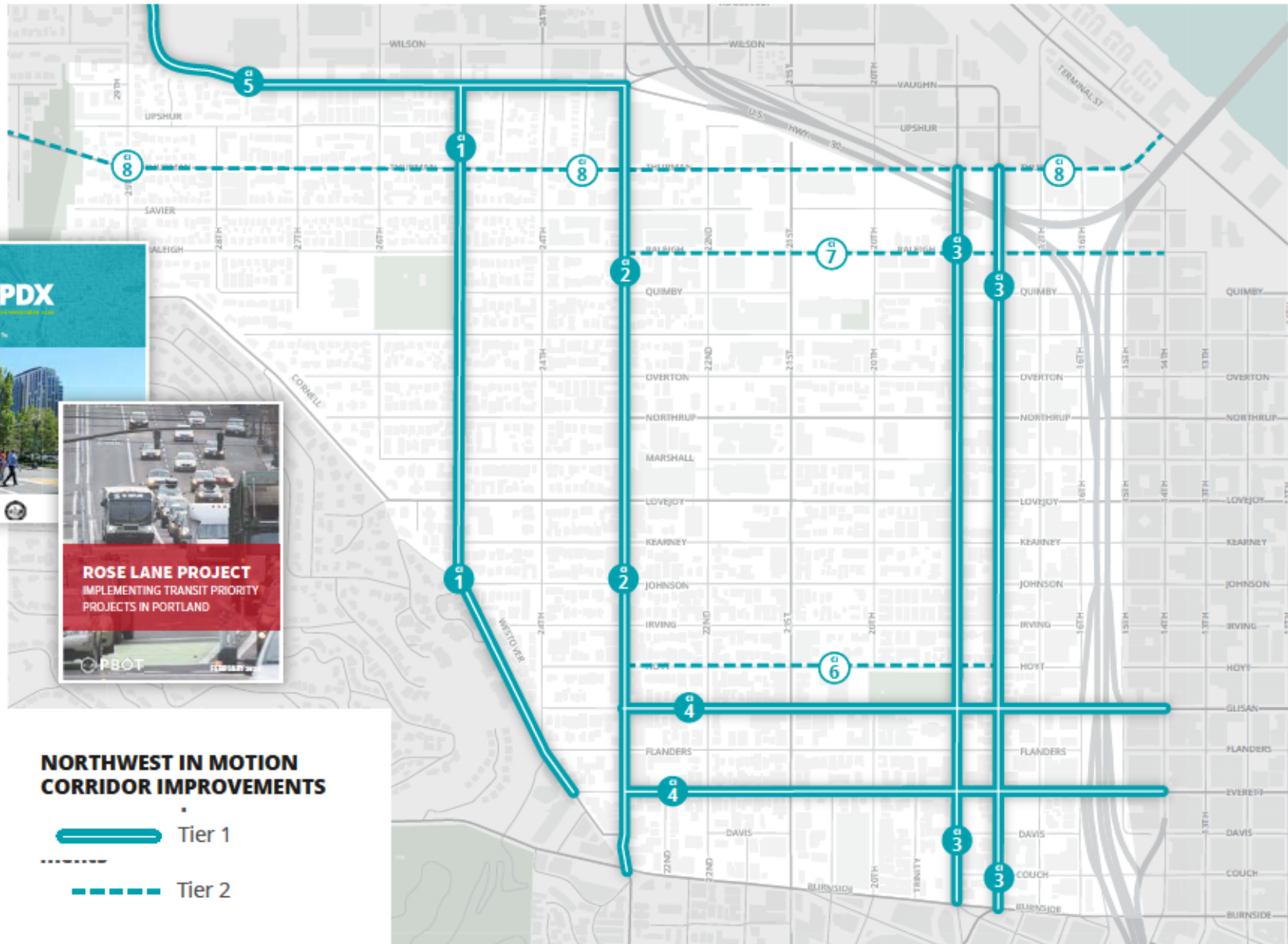
RECOMMENDED PROJECTS

CORRIDOR IMPROVEMENTS



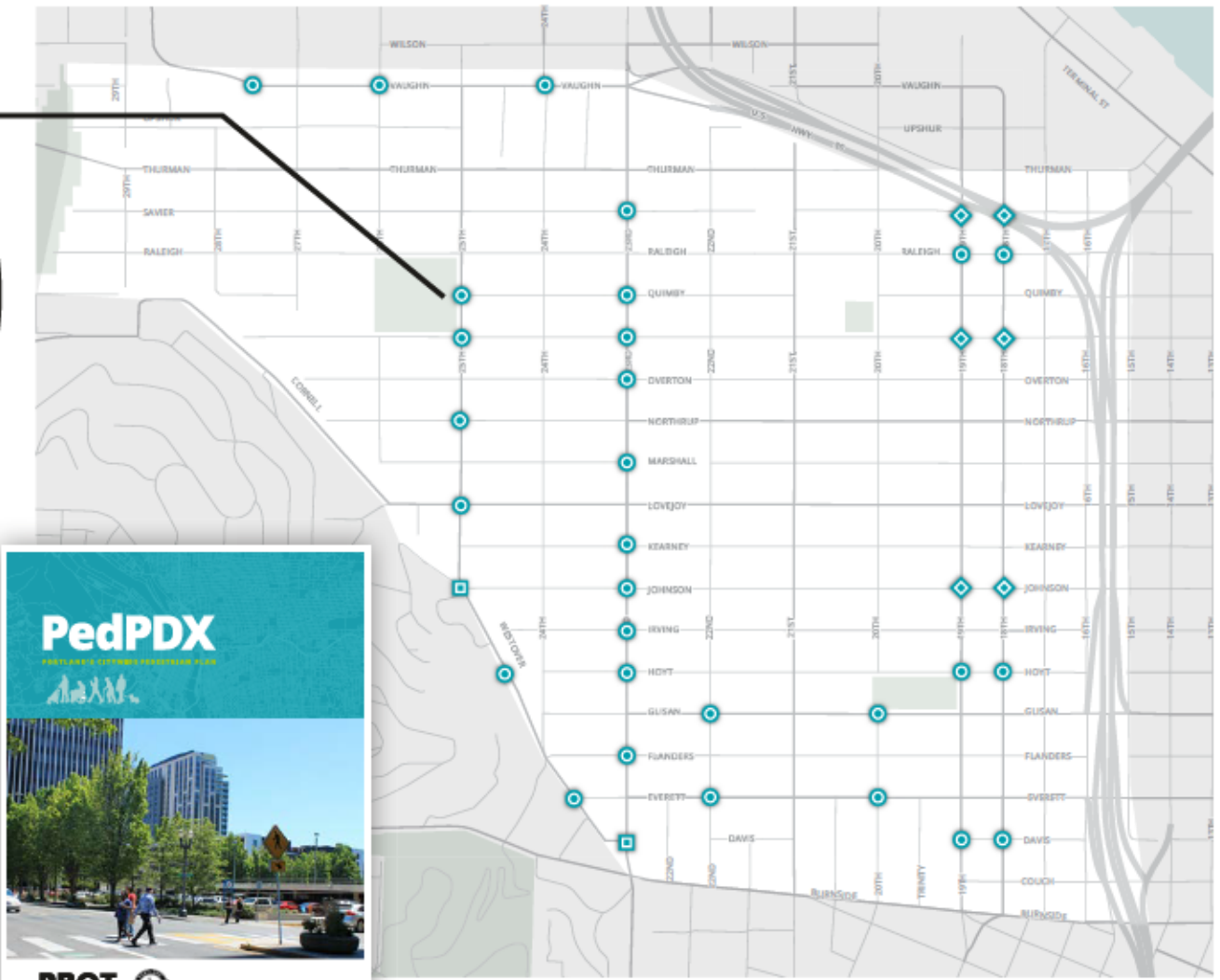
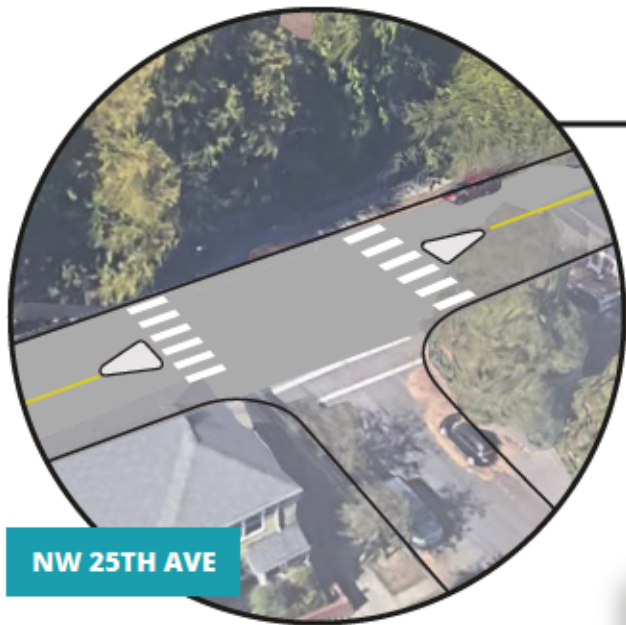
NORTHWEST IN MOTION CORRIDOR IMPROVEMENTS

-  Tier 1
-  Tier 2

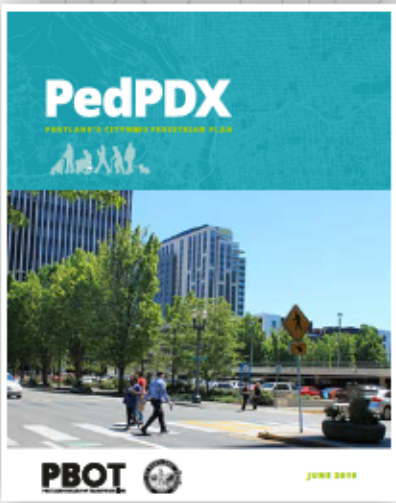


CORRIDOR IMPROVEMENTS

New & Enhanced Crossings

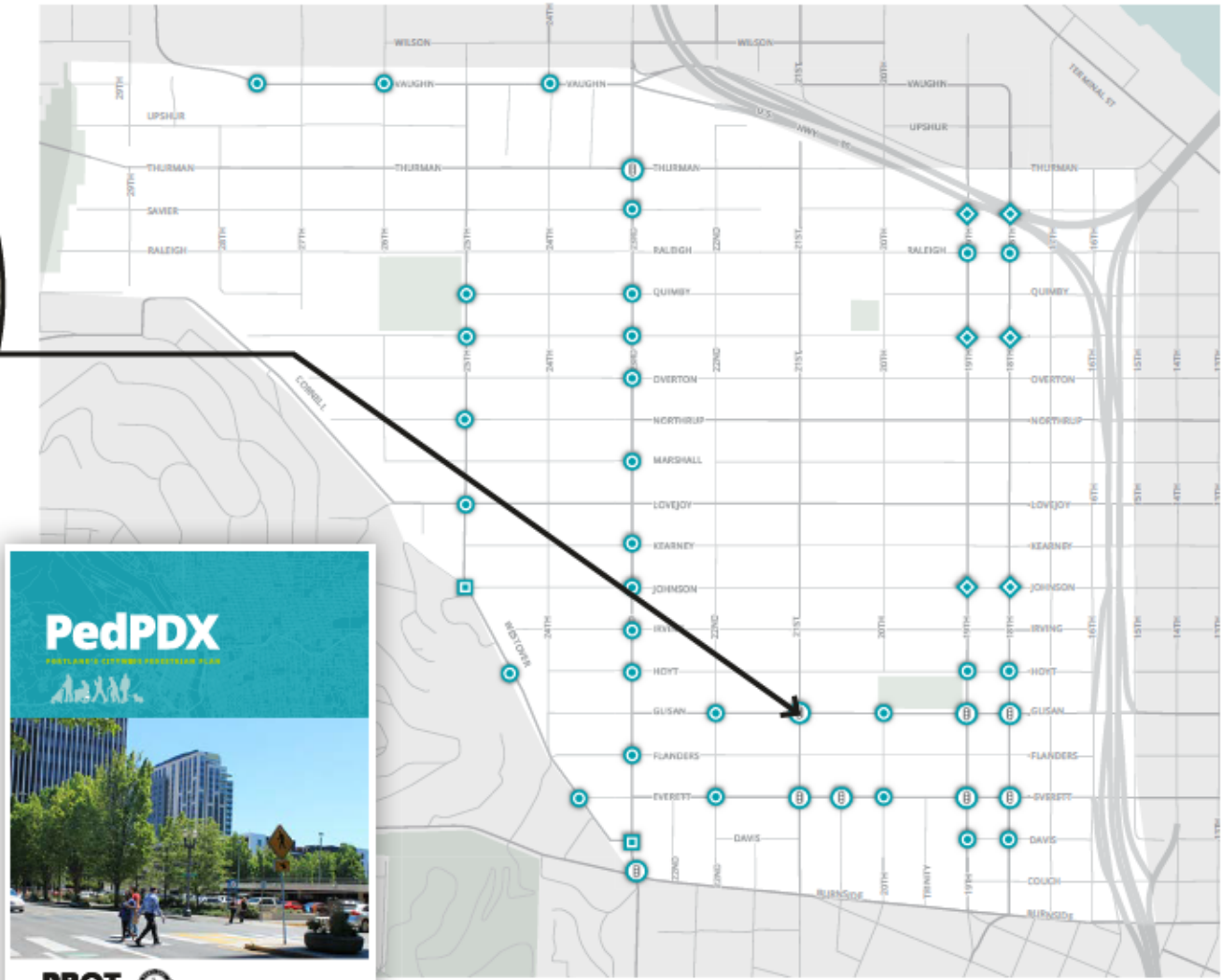


75% of crossing gaps identified in PedPDX **will be closed** by Northwest in Motion Corridor Improvement Projects



CORRIDOR IMPROVEMENTS

Safer Signalized Intersections



CORRIDOR IMPROVEMENTS

Rose Lane Transit Improvements

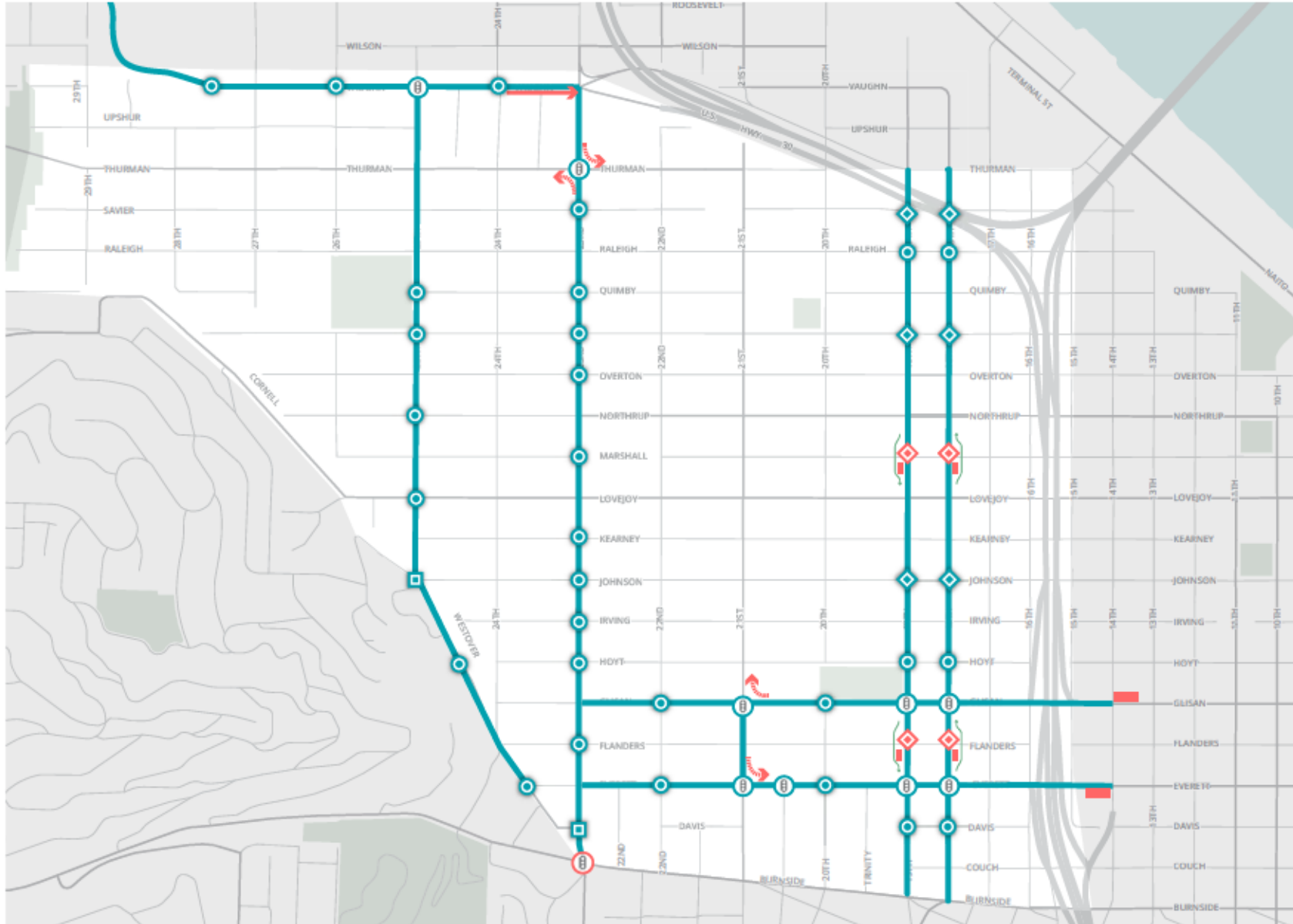


Corridor Improvements address the areas of highest transit delay and reduce multimodal conflicts.



RECOMMENDED PROJECTS

CORRIDOR IMPROVEMENTS



The northern section of **NW 23rd Ave** is in need of **major investment.**



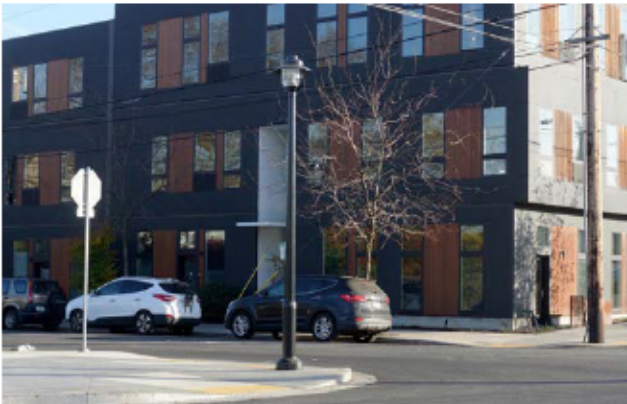
Northwest in Motion

outlines a future vision for
the **district's main street.**



Program Recommendations

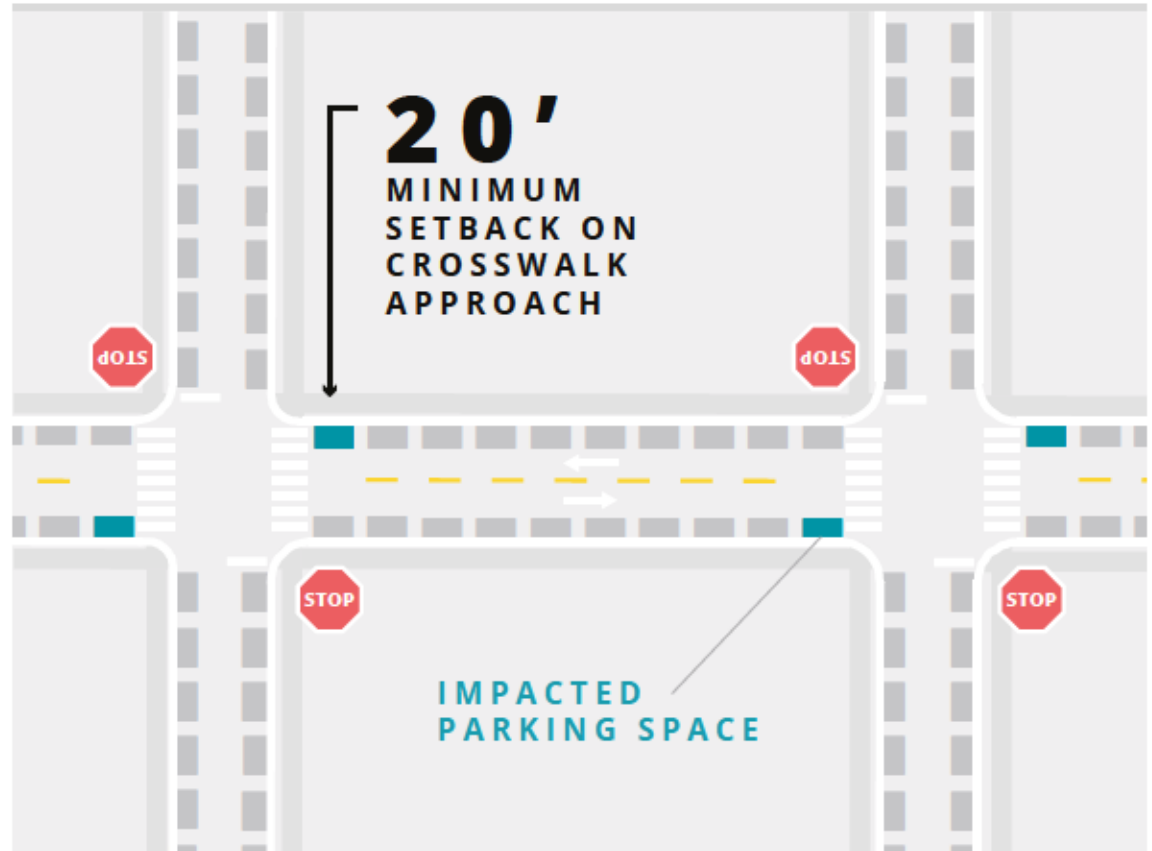
1 Make Improvements to Street Lighting



3 Invest in Main Streets



2 Improve Visibility at Intersections



Program Recommendations

4

Invest in Green Streets



6

Invest in Better Transit Stops



5

Design for Slow Speeds Throughout the District



Program Recommendations

7

Improve ADA Access



9

Explore Opportunities for Innovative Crossing Treatments



8

Develop Better Tools for Community Placemaking

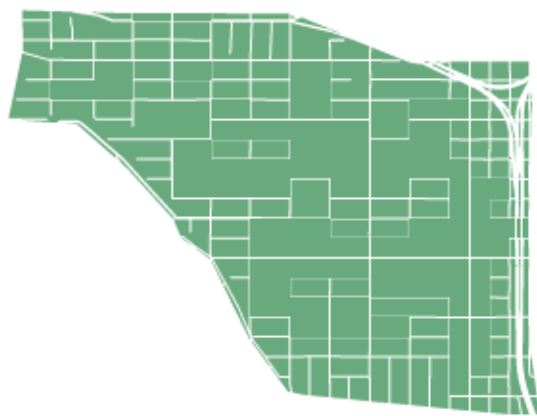


10

Make Safety Improvements at Signalized Intersections



To Recap....

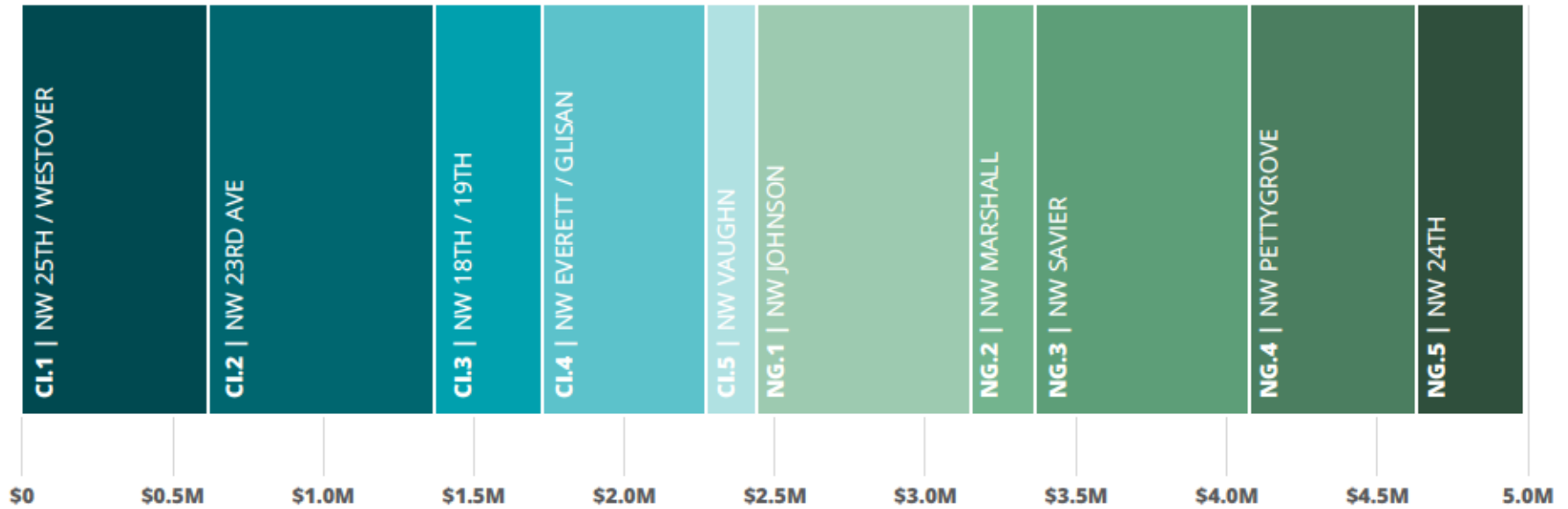


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Tier 1 Project Costs

ESTIMATED PROJECT COSTS



AVAILABLE FUNDING SOURCES



Parking and Permit Revenue



Ongoing Quick Build Funding



Transportation System Development Charges



Fixing Our Streets 2

NEIGHBORHOOD GREENWAYS

Implementation Strategy

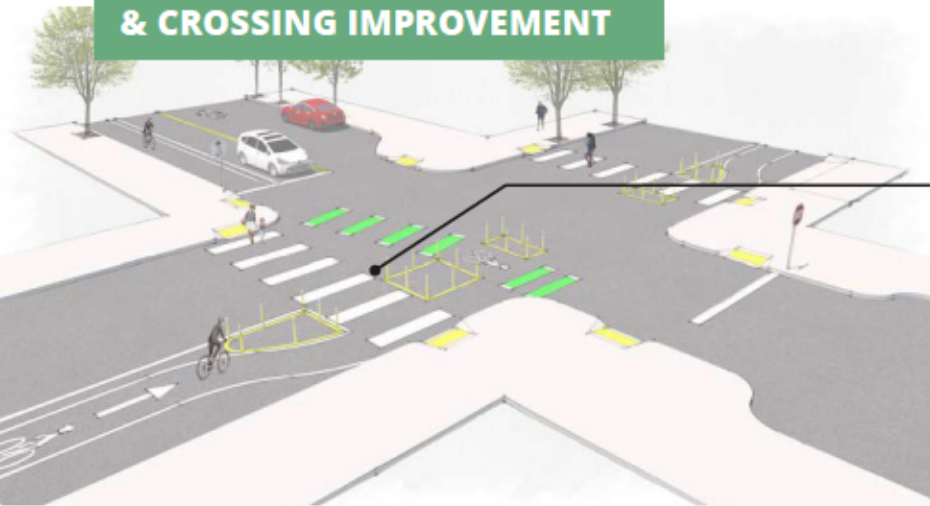
2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025 ->
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1 EARLY IMPLEMENTATION

2 MONITORING, MITIGATION, FEEDBACK, & REFINEMENT

3 INVEST, UPGRADE, & MAINTAIN

INTERIM TRAFFIC DIVERTER & CROSSING IMPROVEMENT



Lower-cost interventions using temporary materials can help get projects on the ground more quickly.

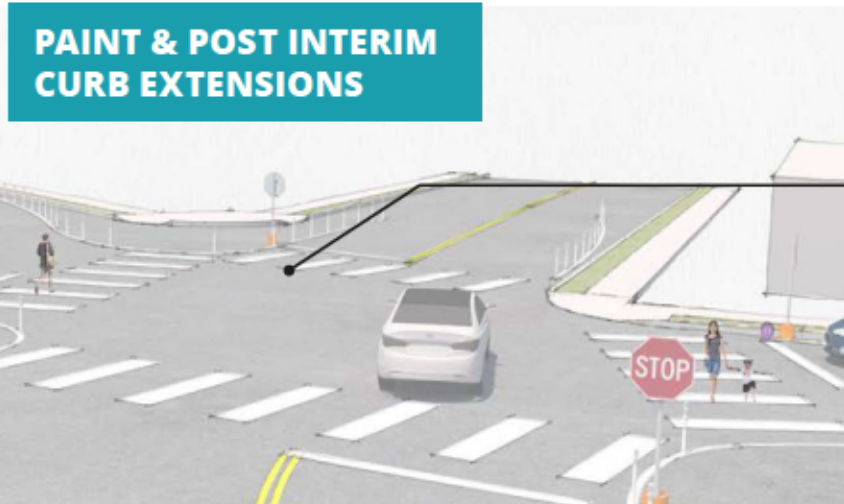
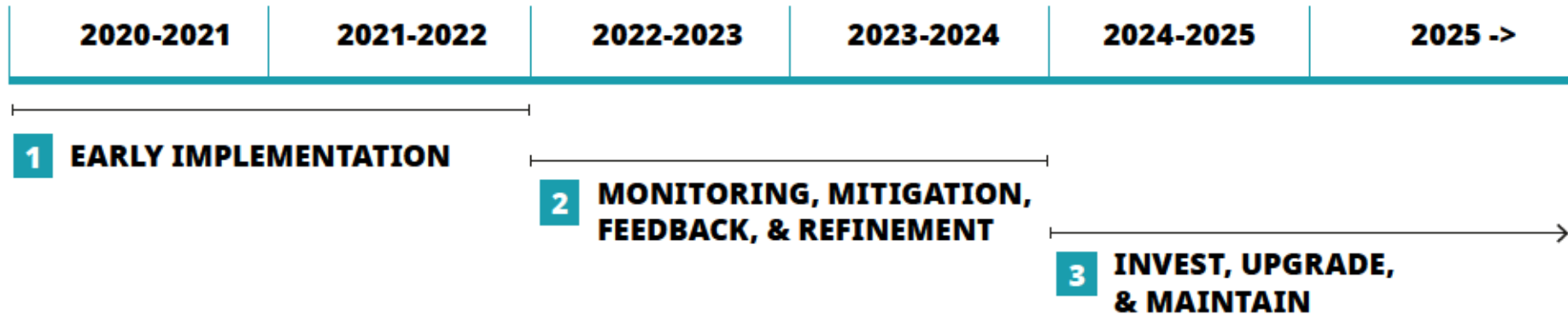
UPGRADED WITH PERMANENT MATERIALS



These same interventions can be upgraded with high-quality permanent materials.

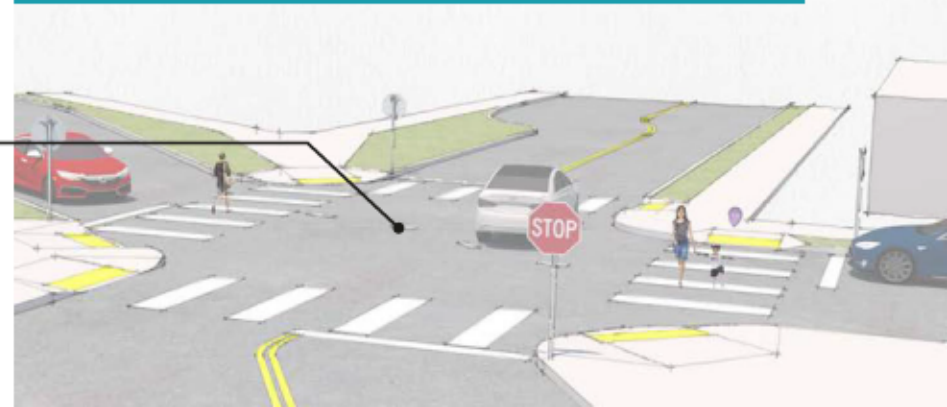
CORRIDOR IMPROVEMENTS

Implementation Strategy



Paint and post curb extensions can help claim roadway space quickly to make it easier for people to cross the street.

These temporary interventions can be upgraded with full civil improvements including ADA curb ramps to improve accessibility.



THANK YOU

NORTHWEST IN
MOTION

