

Policies, Approach and Guidance



Initiative for **Bicycle & Pedestrian** Innovation





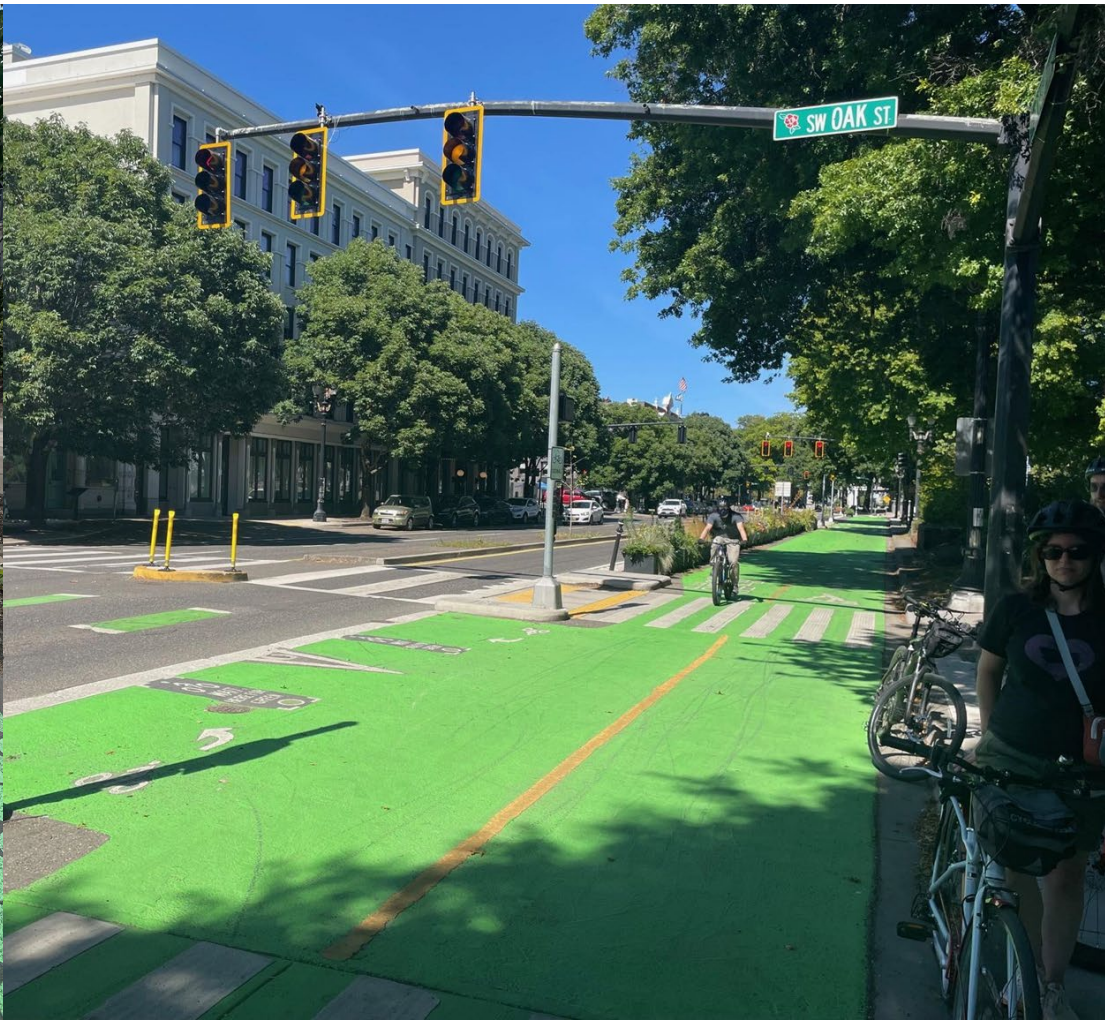




NEW STUFF











DESIGN

PRINCIPLES

Dutch bikeway design principles

- **comfort**
- **safety**
- **attractiveness**
- **direct routes**
- **connected system**

Portland's Bikeway Network

115 miles of boulevards

160 treatments

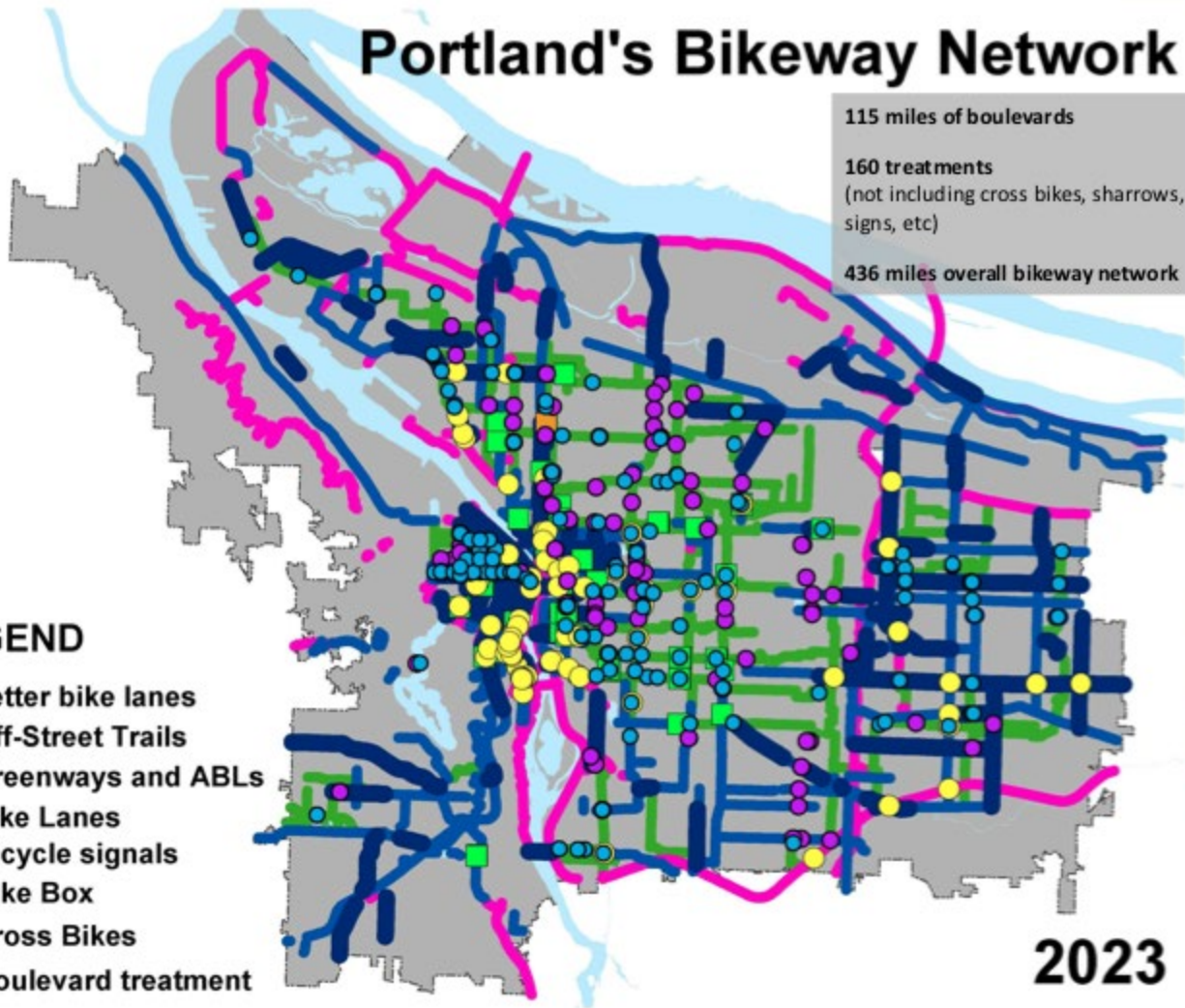
(not including cross bikes, sharrows, signs, etc)

436 miles overall bikeway network

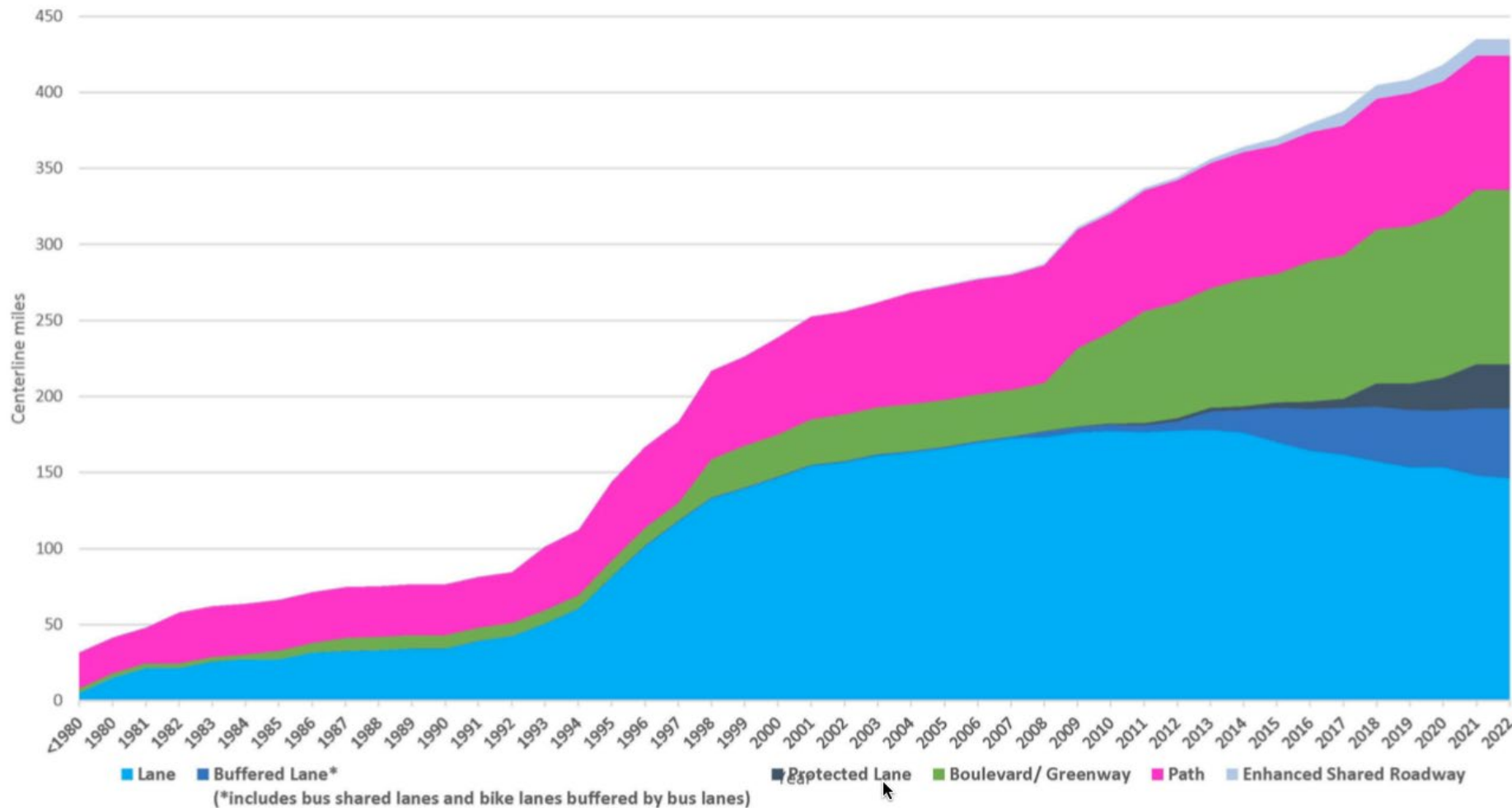
LEGEND

-  Better bike lanes
-  Off-Street Trails
-  Greenways and ABLs
-  Bike Lanes
-  Bicycle signals
-  Bike Box
-  Cross Bikes
-  Boulevard treatment

2023

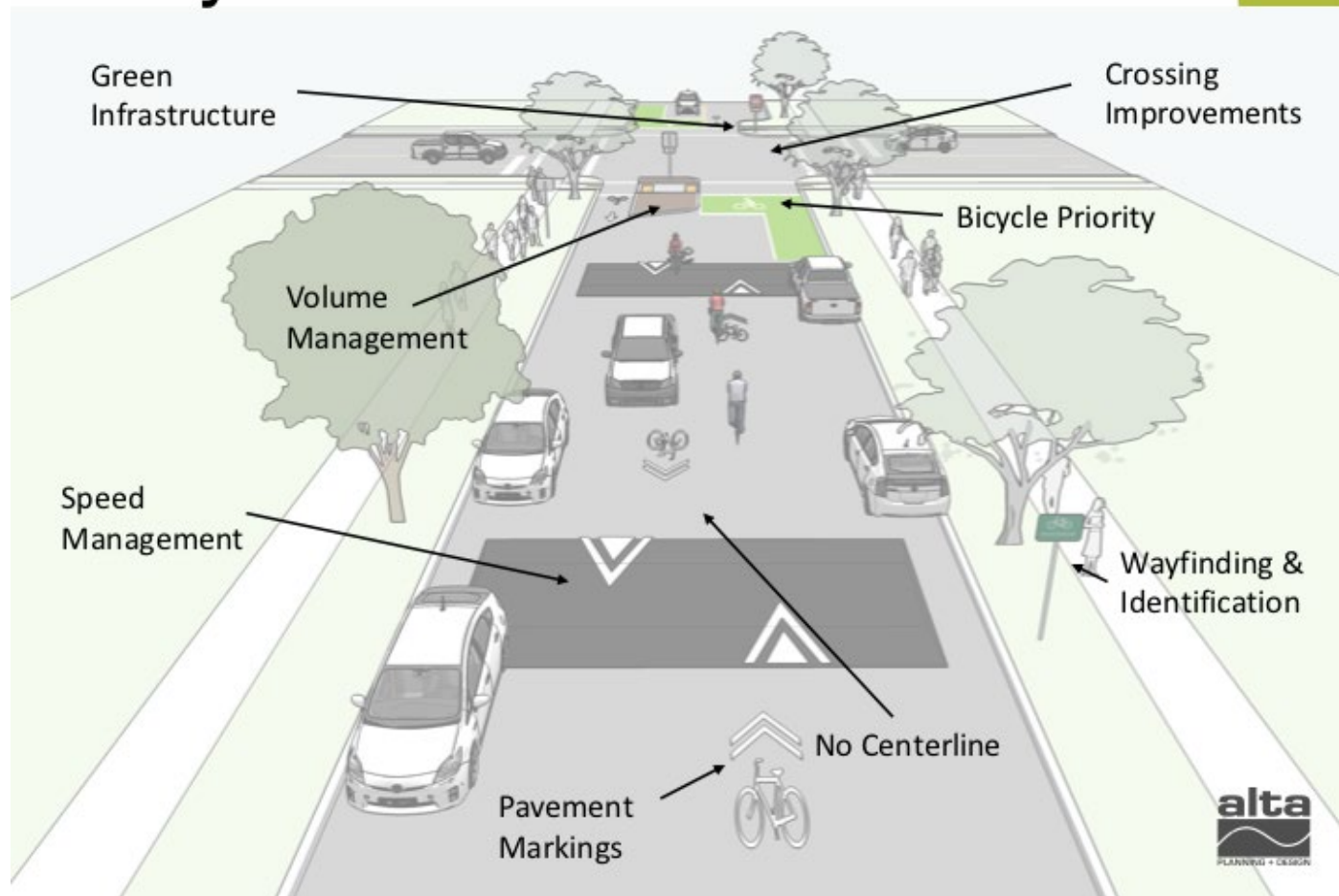


Portland, Oregon cumulative total of bikeway miles by facility type



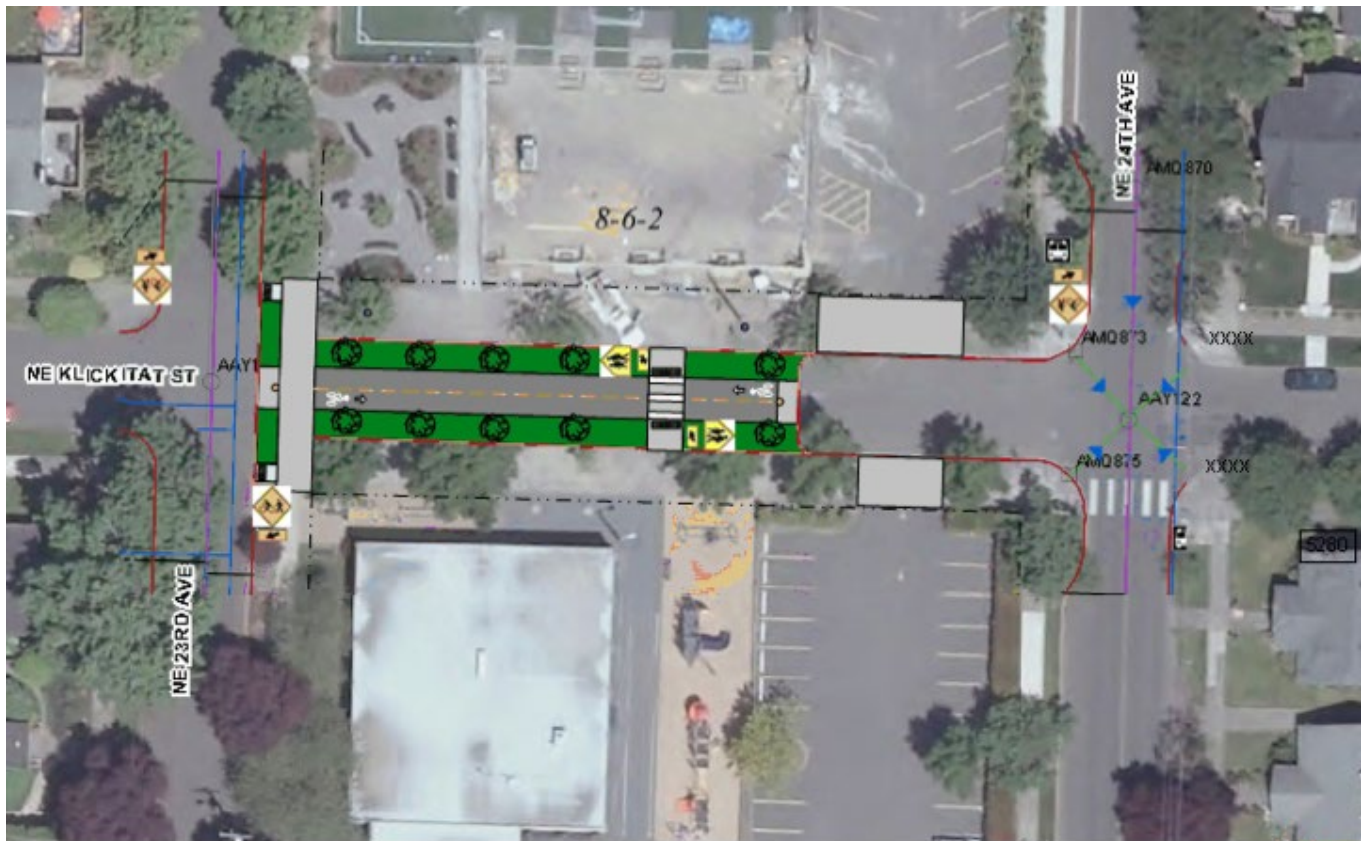
BOULEVARDS

Bicycle Boulevards









Car-Free Connections

Semi-diversion with one-way cars and contra-flow parking



Portland, OR

Cross bikes



Initiative for **Bicycle & Pedestrian** Innovation

Cross bikes



ibpi

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PROTECTED

BIKEWAYS

Sidewalk level one-way bikeway



SW Madison Avenue, Portland

Sidewalk level two-way bikeway



S Waterfront Avenue



Retrofit two-way protected lane with tram

Retrofit two-way protected lane with traffic separators



NW Naito Parkway, Portland

Retrofit two-way protected lane with traffic separators

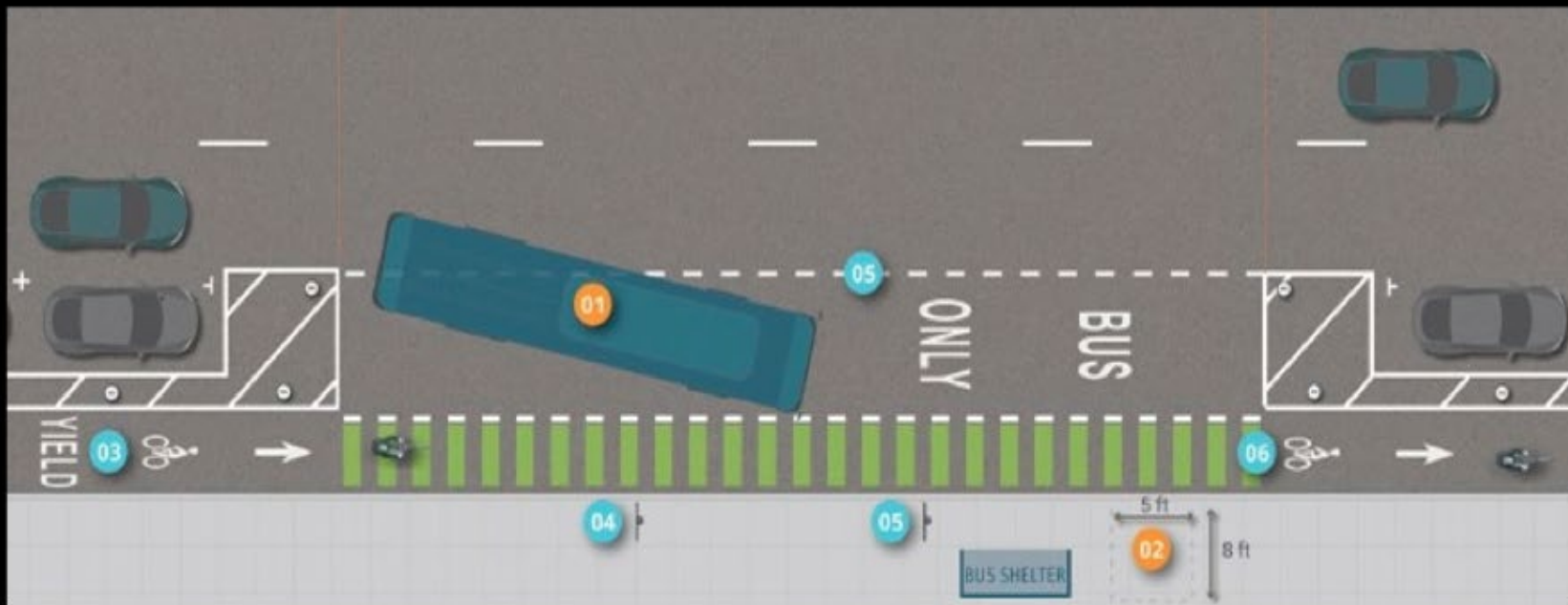


N Lombard Street, Portland

TRANSIT &

BIKES

Transit to existing curb

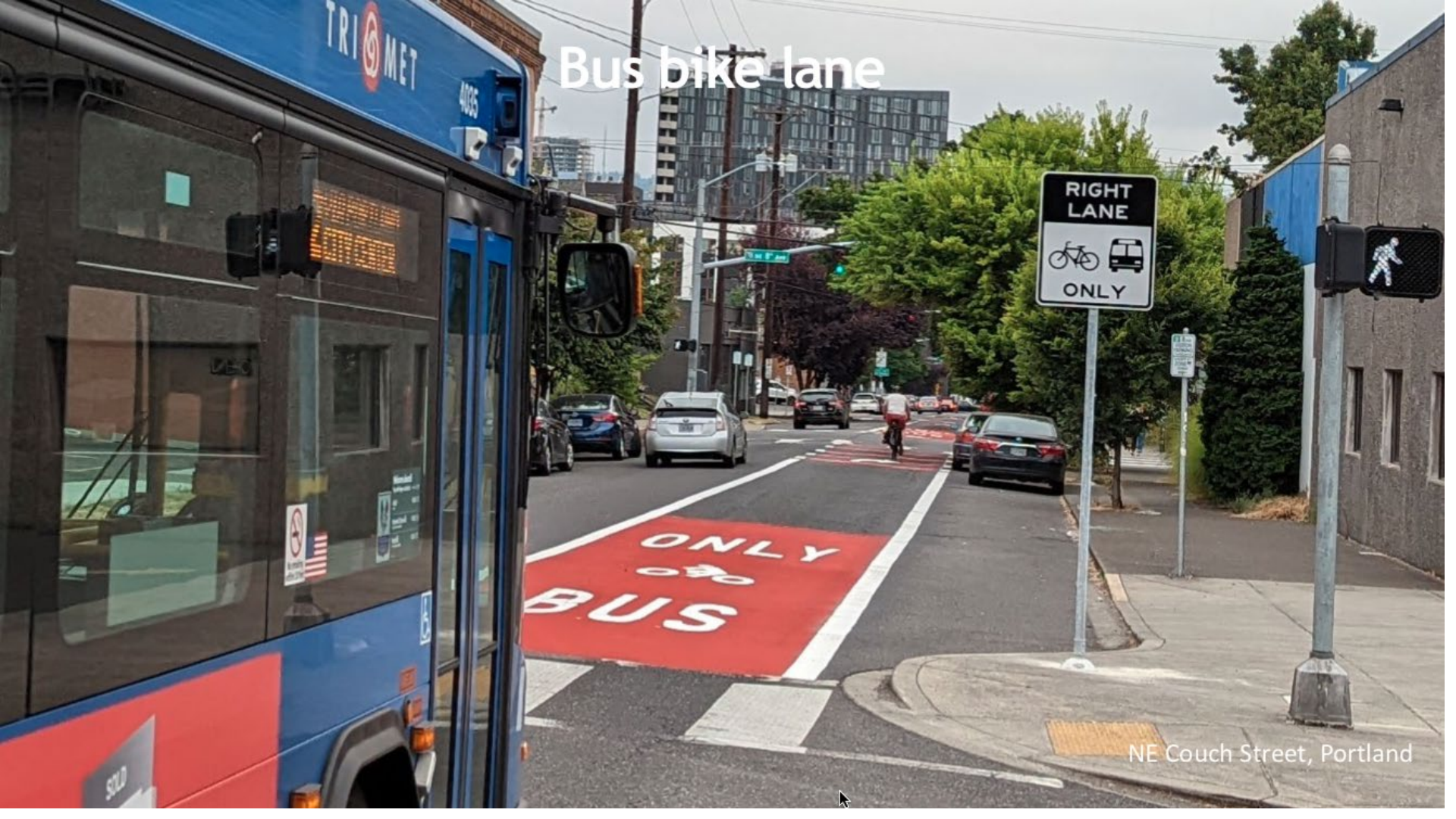


from "FHWA Separated Bicycle Lane Planning and Design Guide"



SE Morrison delineator-protected bikeway

Bus bike lane

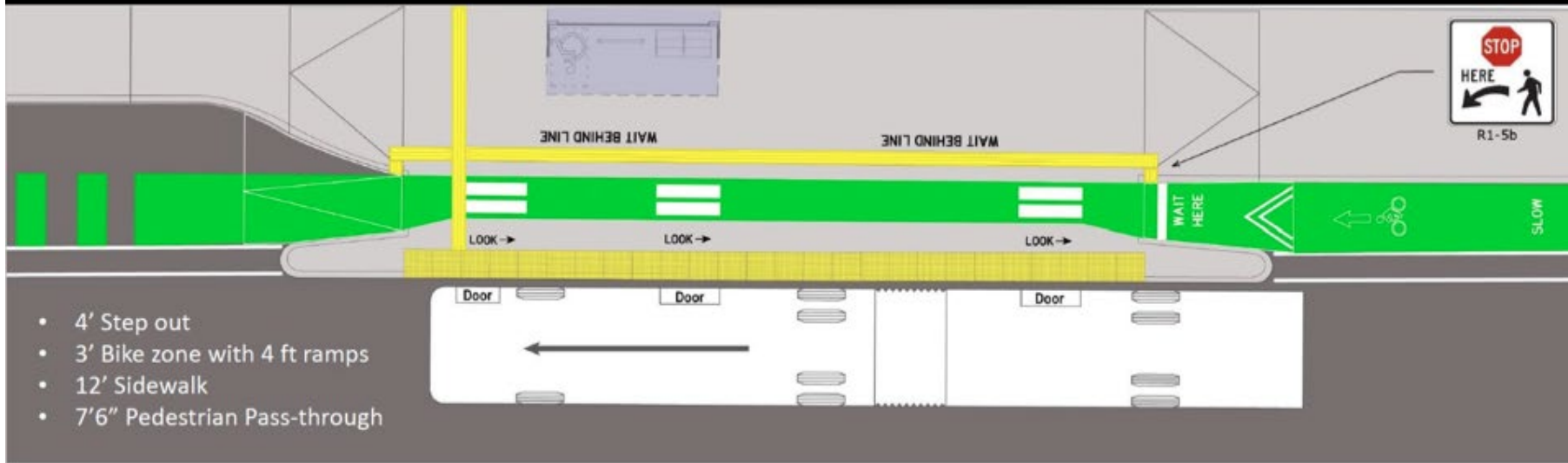


NE Couch Street, Portland



Seattle, Dexter Street

Bikes behind step-out





4'

3'

12'

STOP
HERE
FOR
PEDS

LOOK
←



FX
2

MUTCD

STUFF

Advisory bike lanes (part 2)



NE 43rd Avenue, Portland

Advisory bike lanes (part 2)



NE 53rd Avenue, Portland



MUTCD Violation

Bike lanes shall not be to the right of a right turn only lane



inside St
 egon
 Street View
 See more dates



Google

**Bike lane to
the right of a
right turn
only lane**





HDR





SUBURBAN

STUFF



Wide ramps for smooth bike flow



DO NOT STOP ON TRACKS

THE MET Bike & Ride

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dates



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