



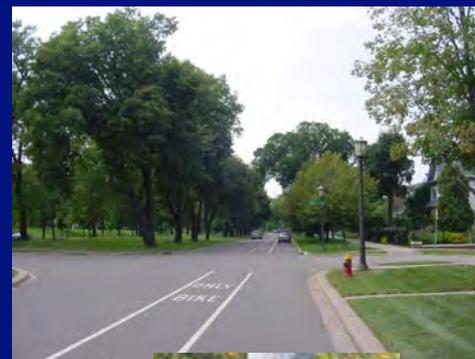
Innovative Bikeway Designs

By Ryan Snyder



Conventional Bikeway Types

- Bike path (Class I)
- Bike lane (Class II)
- Bike route (Class III)



Four Types of Transportation Cyclists in Portland By Proportion of Population



By Roger Geller
Portland Bicycle Coordinator

Sharrows













Colored Bike Lanes





Buffered bike lanes

↑
LANE
BIKE







Prime Space
AVAILABLE NOW
Retail Office
Restaurant

218

REGNIR
BEGNIR
AWAKE
AWAKE

AWAKE
BEGNIR
AWAKE
AWAKE

BEGNIR
AWAKE
AWAKE









Cycle Tracks/Protected Bike Lanes















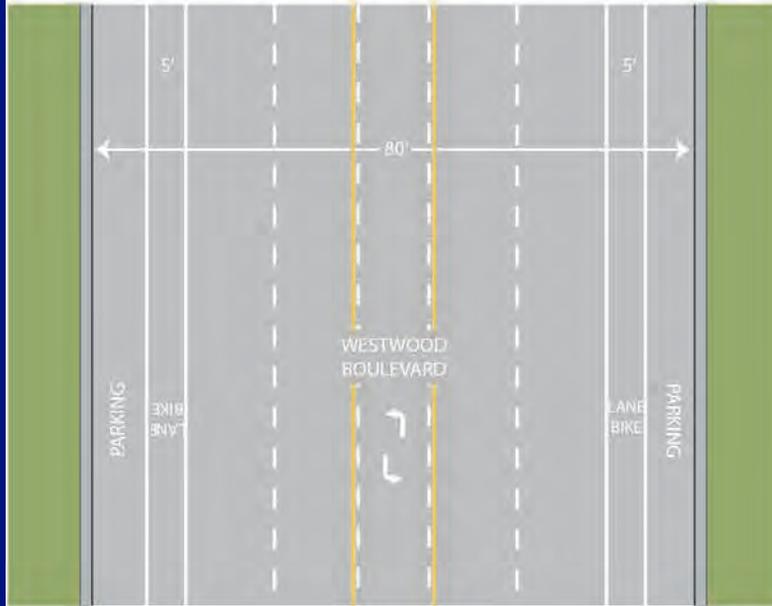




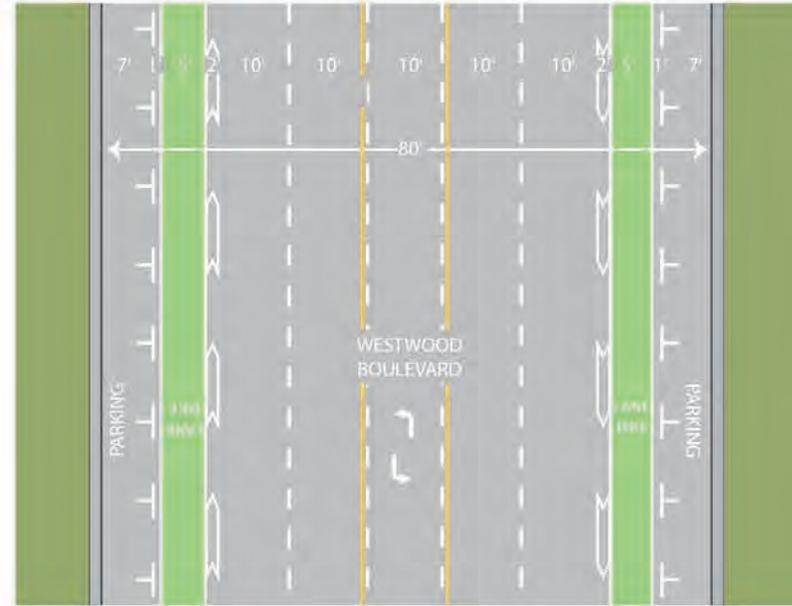




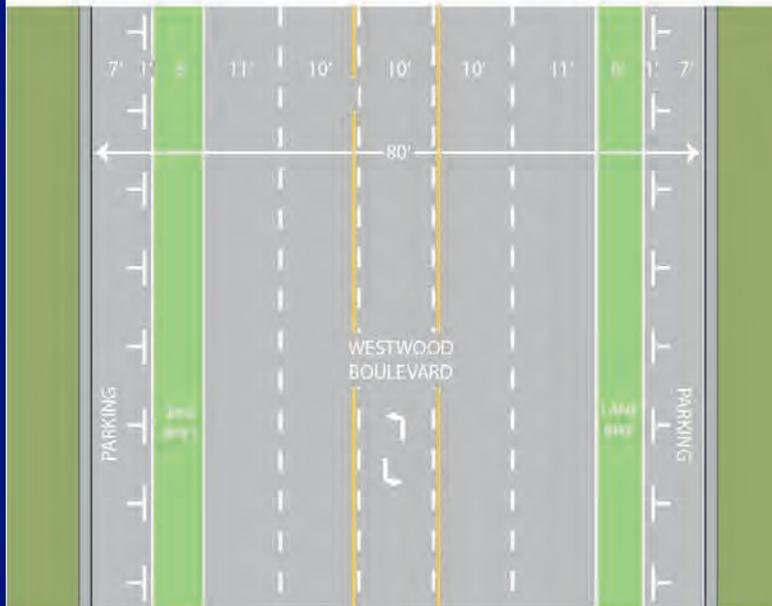
Existing



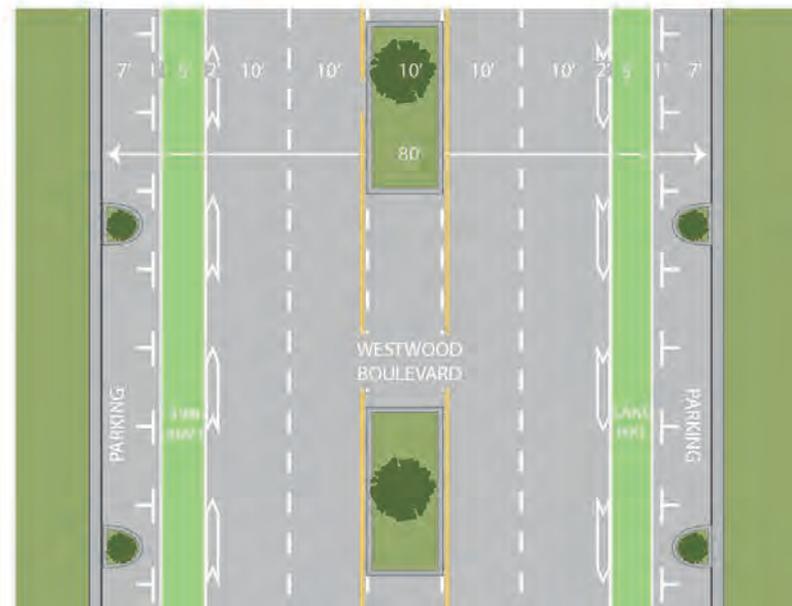
Option 1



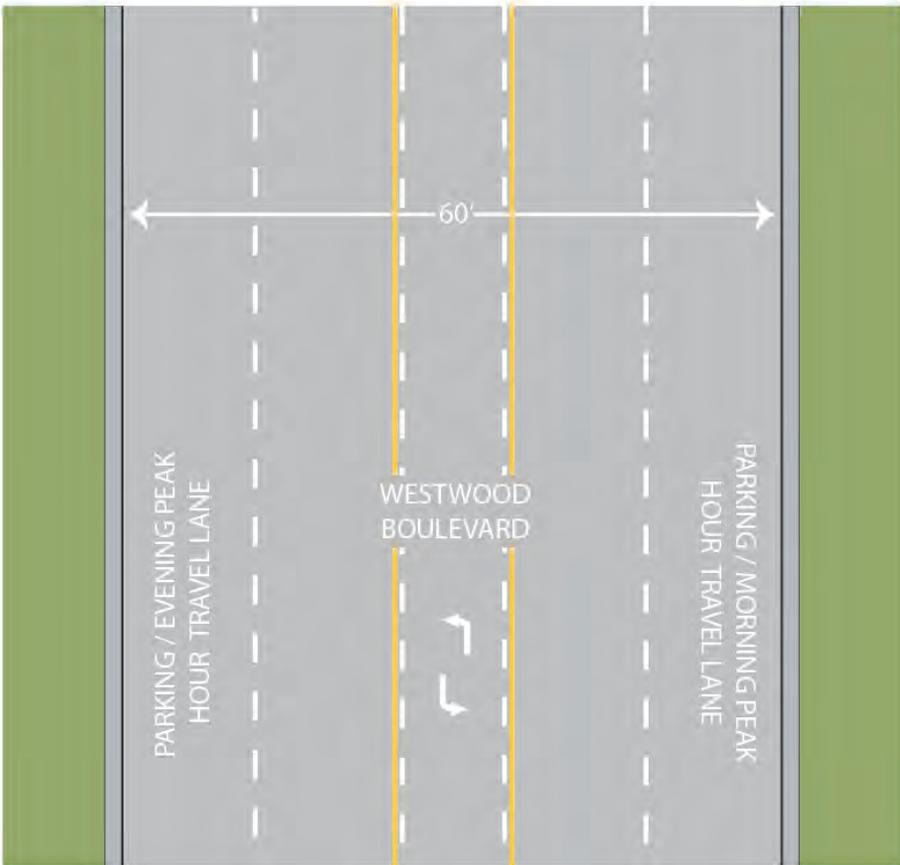
Option 2



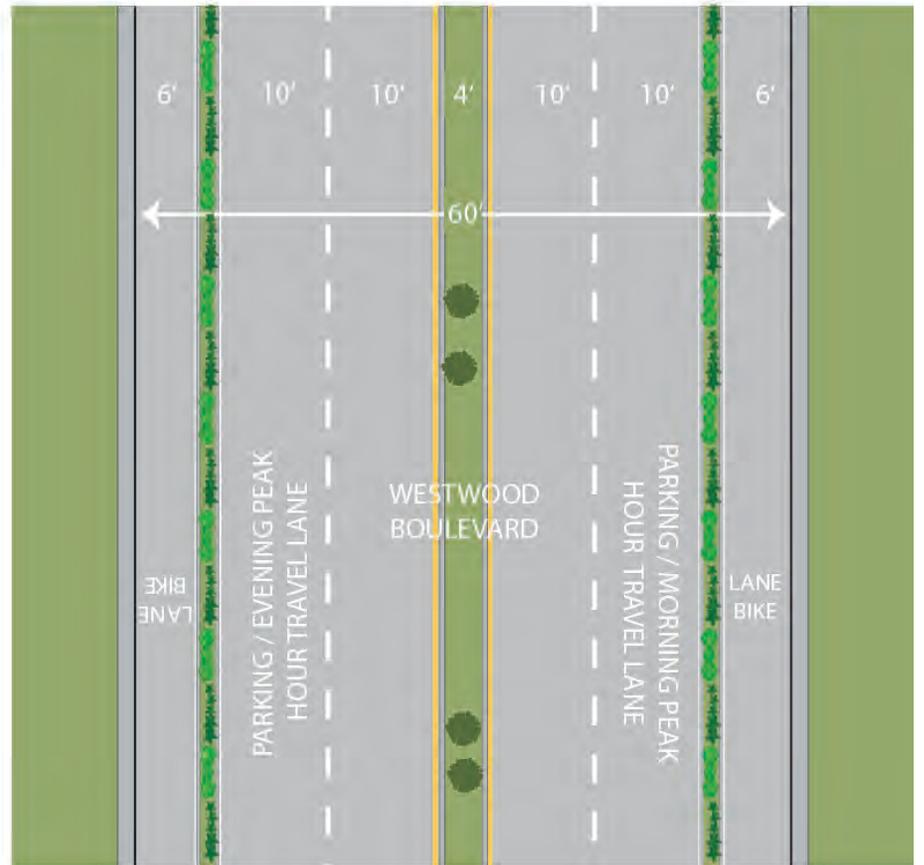
Option 3



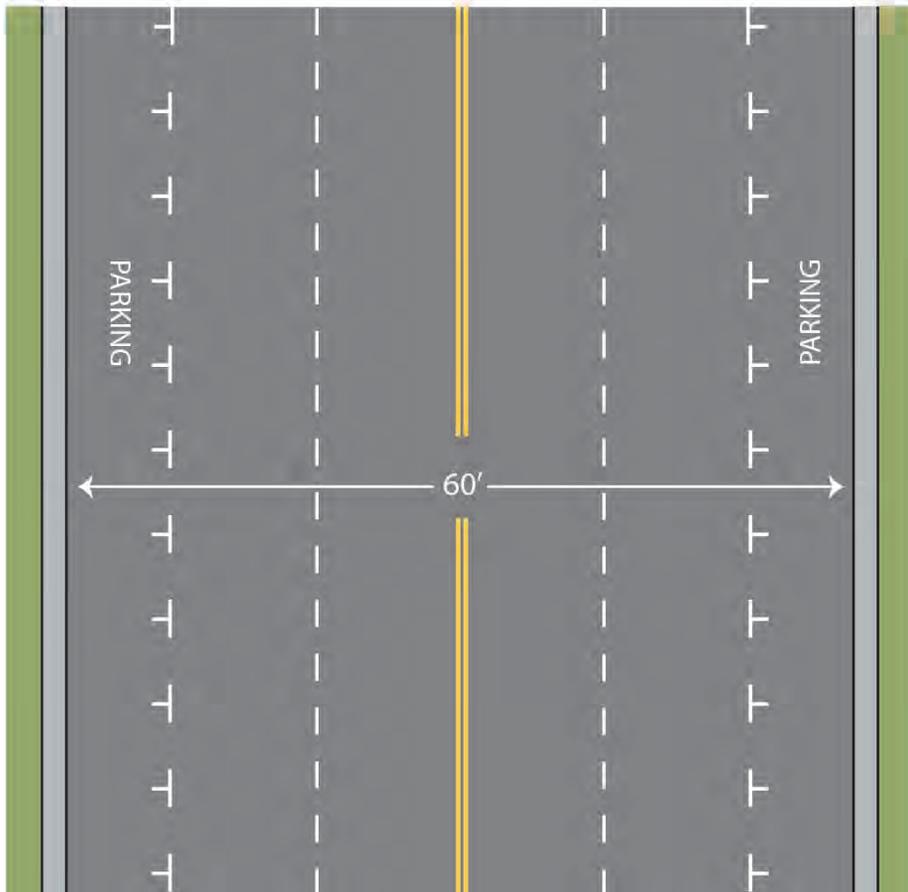
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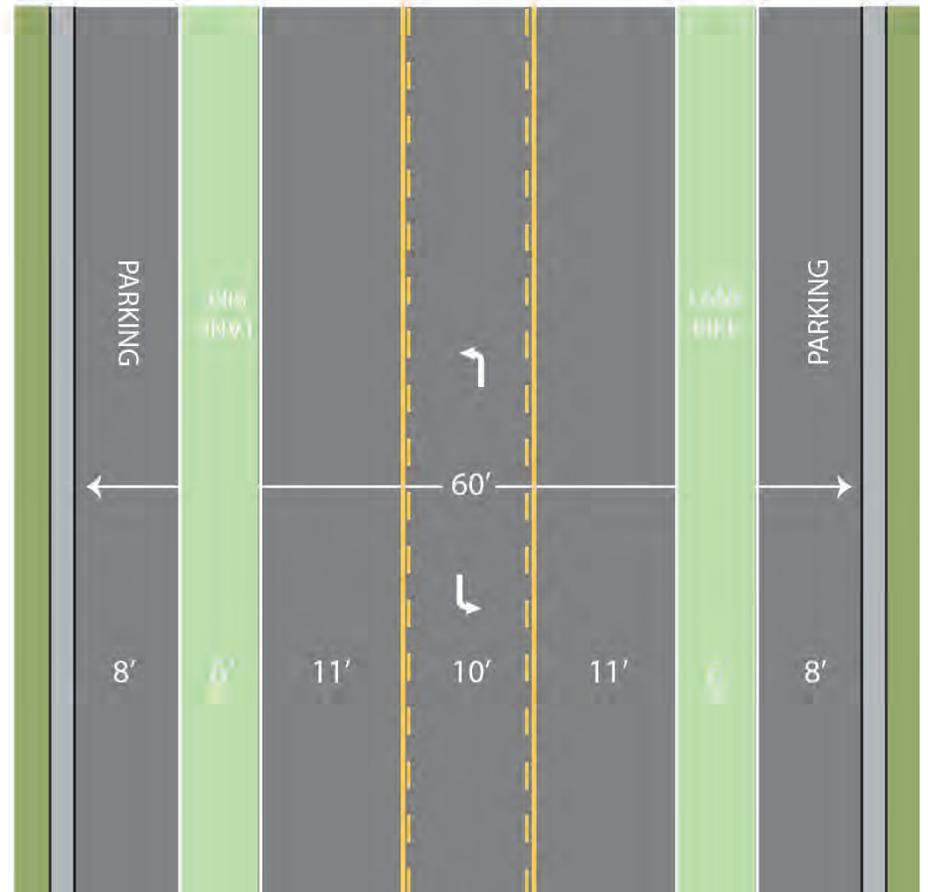
Proposed



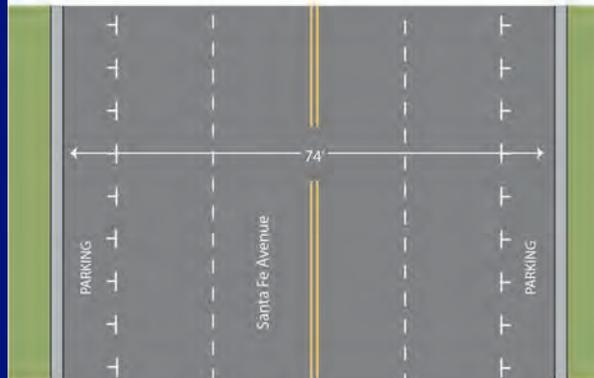
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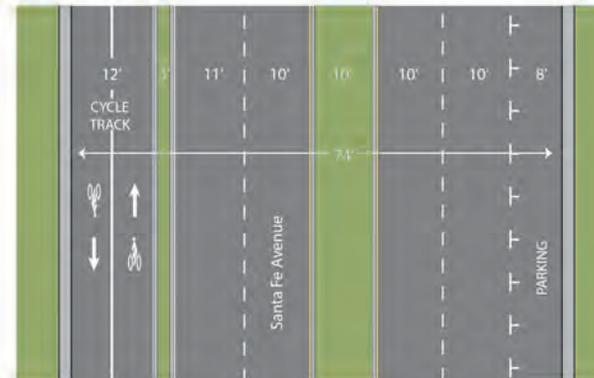
Proposed



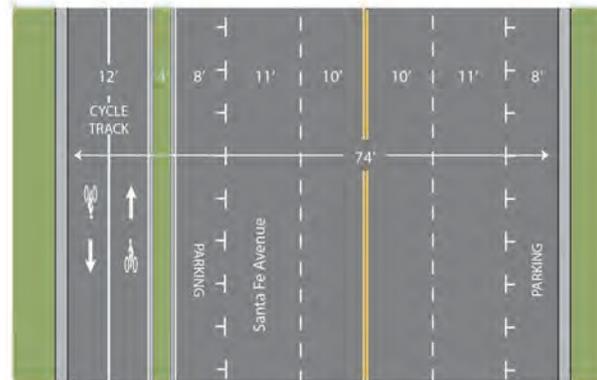
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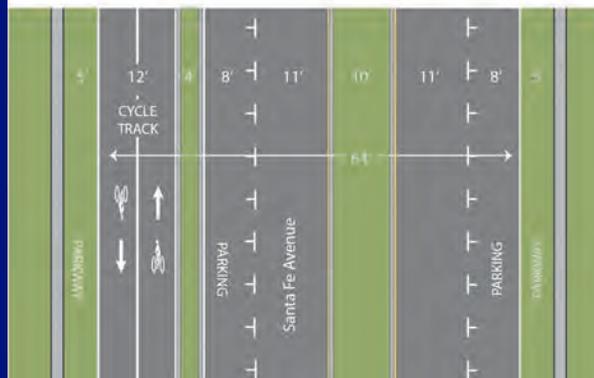
Option 1



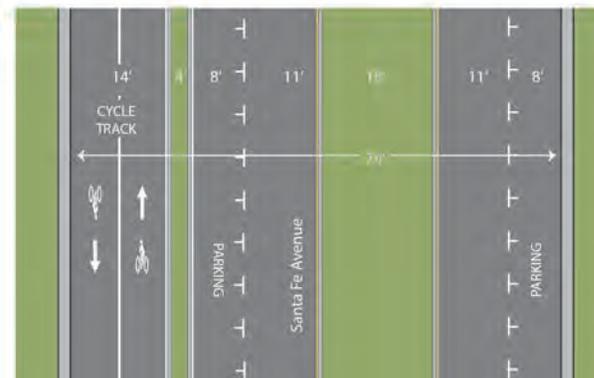
Option 2



Option 3 - North of Firestone



Option 3 - South of Firestone



Bike Boulevards

- Through street for bikes
- Not a through street for cars
- Barriers with signals, bridges, curb extensions, medians, etc.
- Traffic calming











Orange Grove Bl

DO NOT ENTER

BICYCLES EXEMPT

3-WAY SIGNAL

ONLY BIKES ONLY ONLY

LIEN SERVICE

Y















Vancouver



Vancouver



Vancouver



Vancouver

Miscellaneous Treatments







Portland



Portland











SCAG Region Innovations

Existing and Planned

- Long Beach – bike boulevards, colored sharrows, bike boxes, protected bike lanes
- Santa Monica – colored bike lanes, buffered bike lanes, cycle tracks, greenways
- Pasadena – bike boulevards
- Los Angeles – colored bike lanes, buffered bike lanes, colored sharrows, bike boulevards
- Los Angeles County - – colored bike lanes, buffered bike lanes, colored sharrows, bike boulevards
- Lancaster – colored bike lanes, buffered bike lanes
- Lynwood – colored bike lanes, buffered bike lanes, cycle tracks, colored sharrows, bike boulevards
- South Gate - colored bike lanes, buffered bike lanes, colored sharrows, bike boulevards
- Carson – plan in progress
- San Fernando – replace 4-way stops with circles
- Fullerton – buffered bike lanes
- Temple City – cycle tracks?

Innovations Currently Permitted

- Bike boulevards
- Colored bike lanes
- Buffered bike lanes next to the curb
- Buffered bike lanes that do not have two parallel solid stripes creating the buffer

Innovations Needing Experiments

- Cycle tracks/protected bike lanes (by state CTCDC only)
- Buffered bike lanes with two parallel solid stripes creating the buffer
- Sharrow lanes
- Bike boxes

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transportation planning for livable communities