

# Sustainable Transportation Infrastructure

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Graphic Glossary

## Why a Glossary?

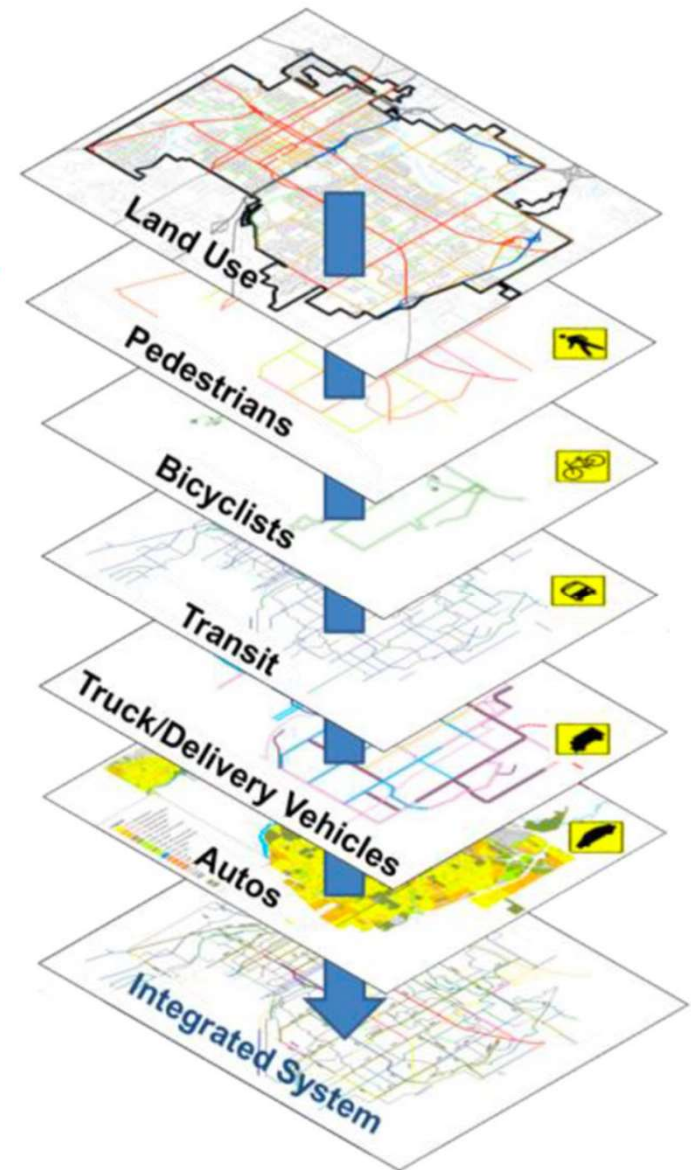
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- Clarify terms
- Illustrate potential infrastructure options

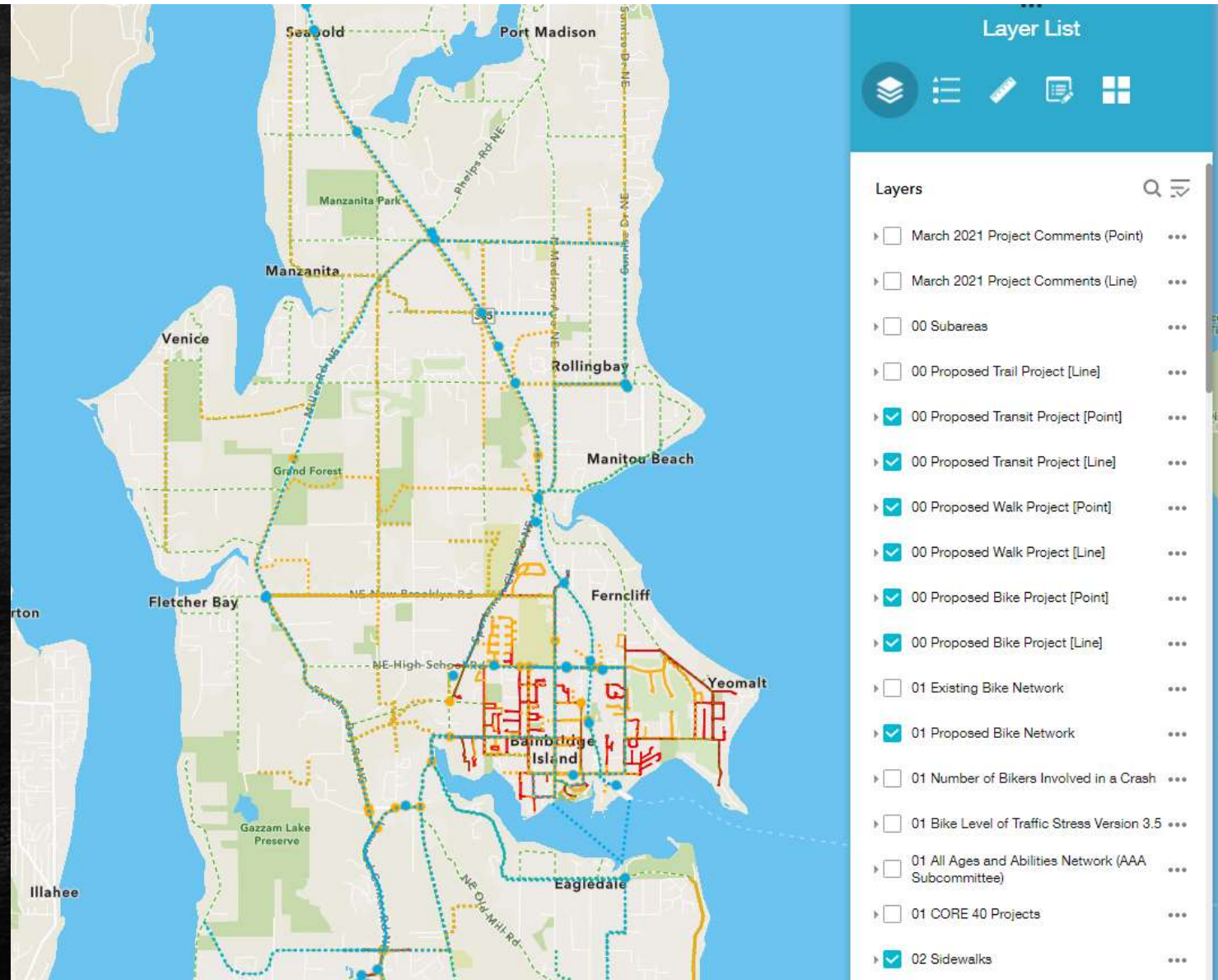
Except as noted, illustrations taken from:  
*Small Town and Rural Multimodal Networks*  
US Department of Transportation – Federal Highway Administration  
December 2016

# Network Layers

- Based on the mode of travel
- Overlap occurs
- Prioritization issues emerge

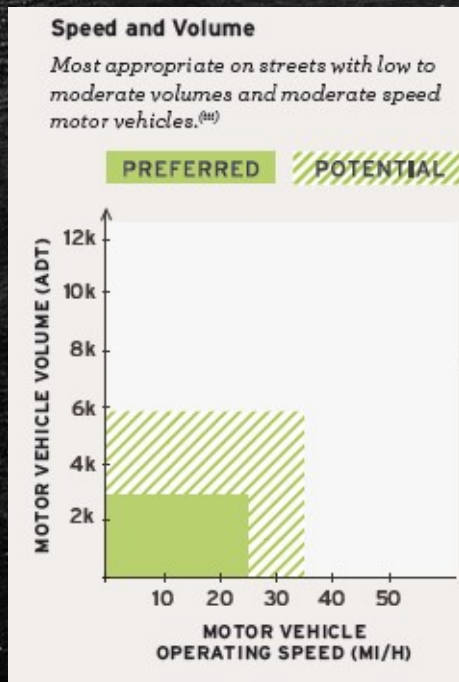


- complete and connected networks
- project prioritization
- multimodal long-range planning



# Facilities and Design Context

## Speed and Volume



## Network



## Land Use



# Facilities and Design Context

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Road Width



Topography

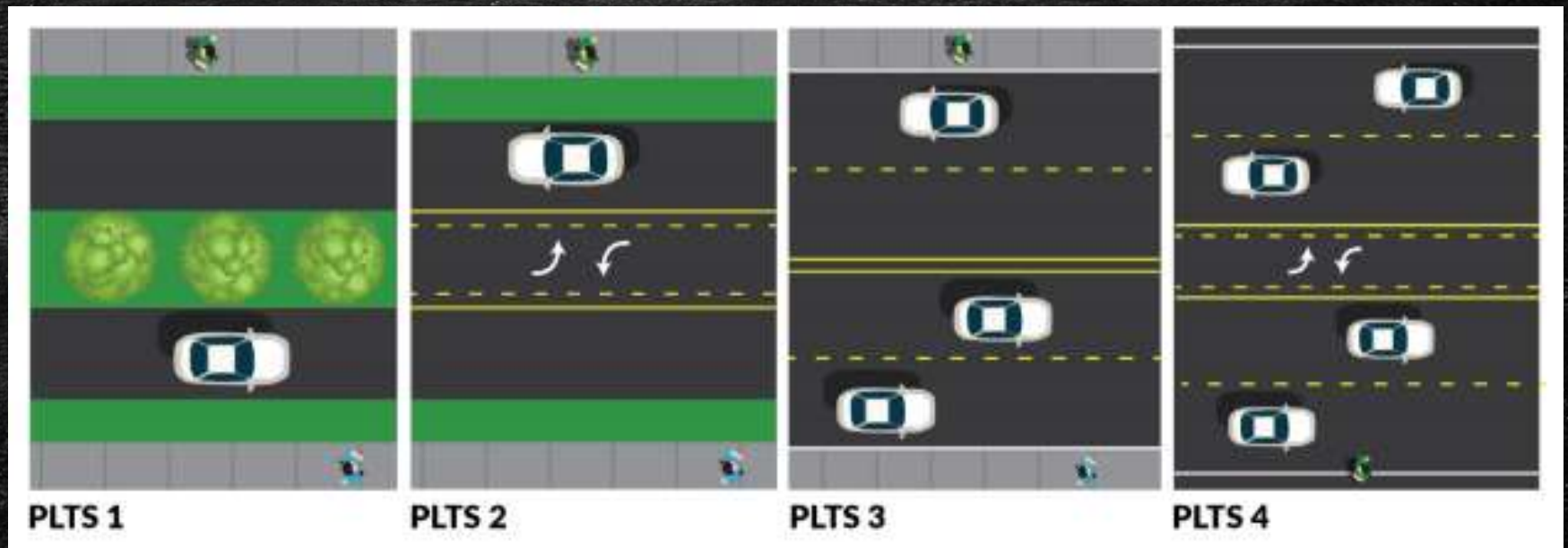


Vehicle Type



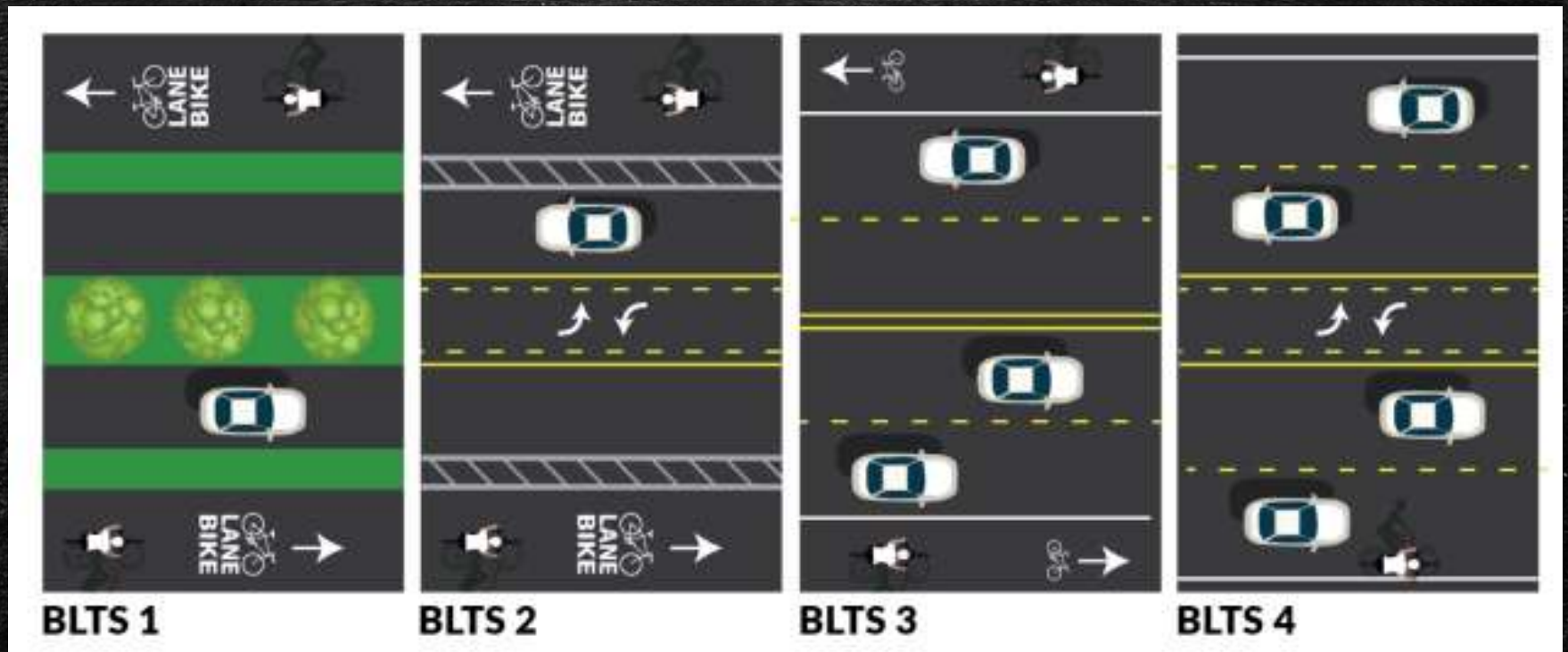
# Pedestrian Level of Traffic Stress (PLTS)

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WSDOT (Draft) Active Transportation Plan, Part 1 (December 2020)

# Bicycle Level of Traffic Stress (BLTS)



WSDOT (Draft) Active Transportation Plan, Part 1 (December 2020)

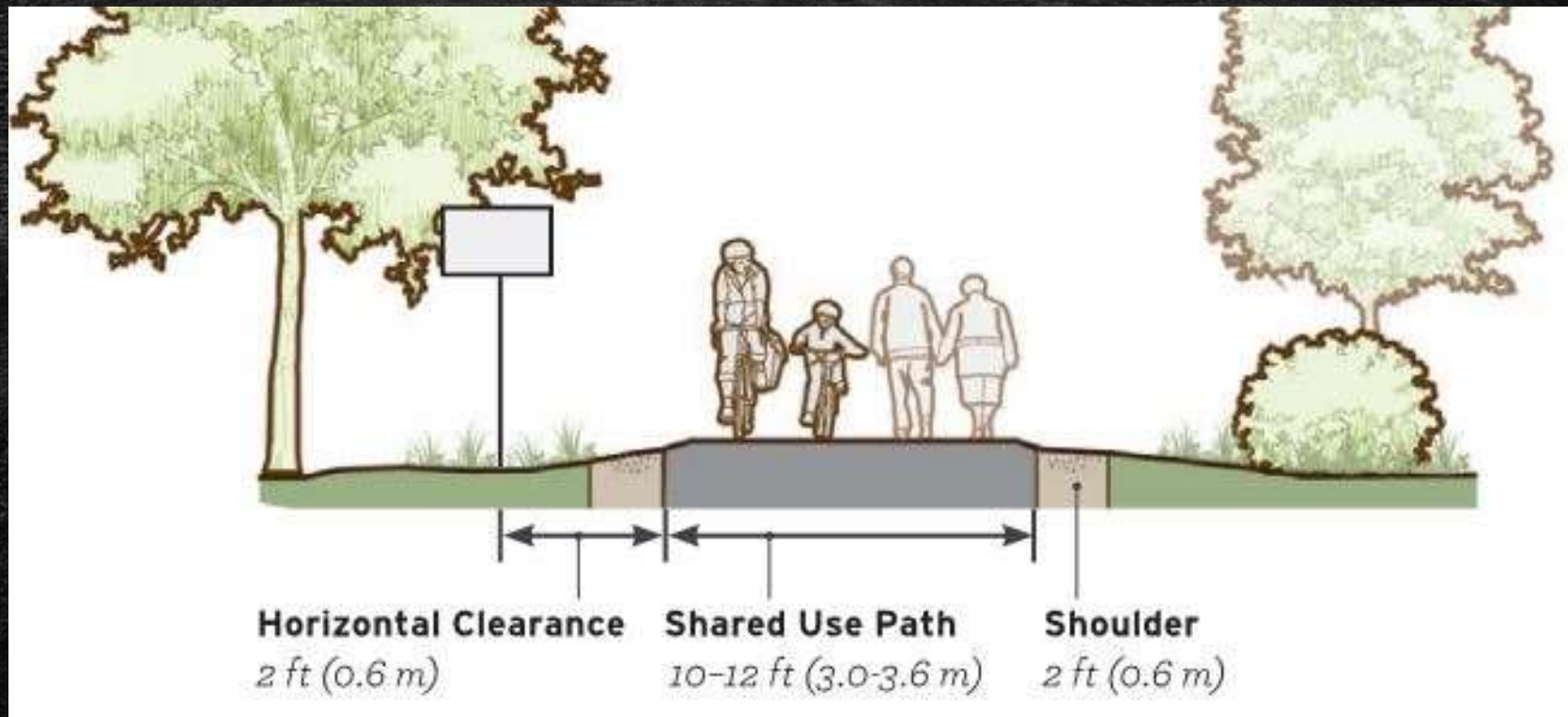
# Physically Separated Facilities (All Ages All Abilities)

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Bicycle Level of Traffic Stress (BLTS) 1

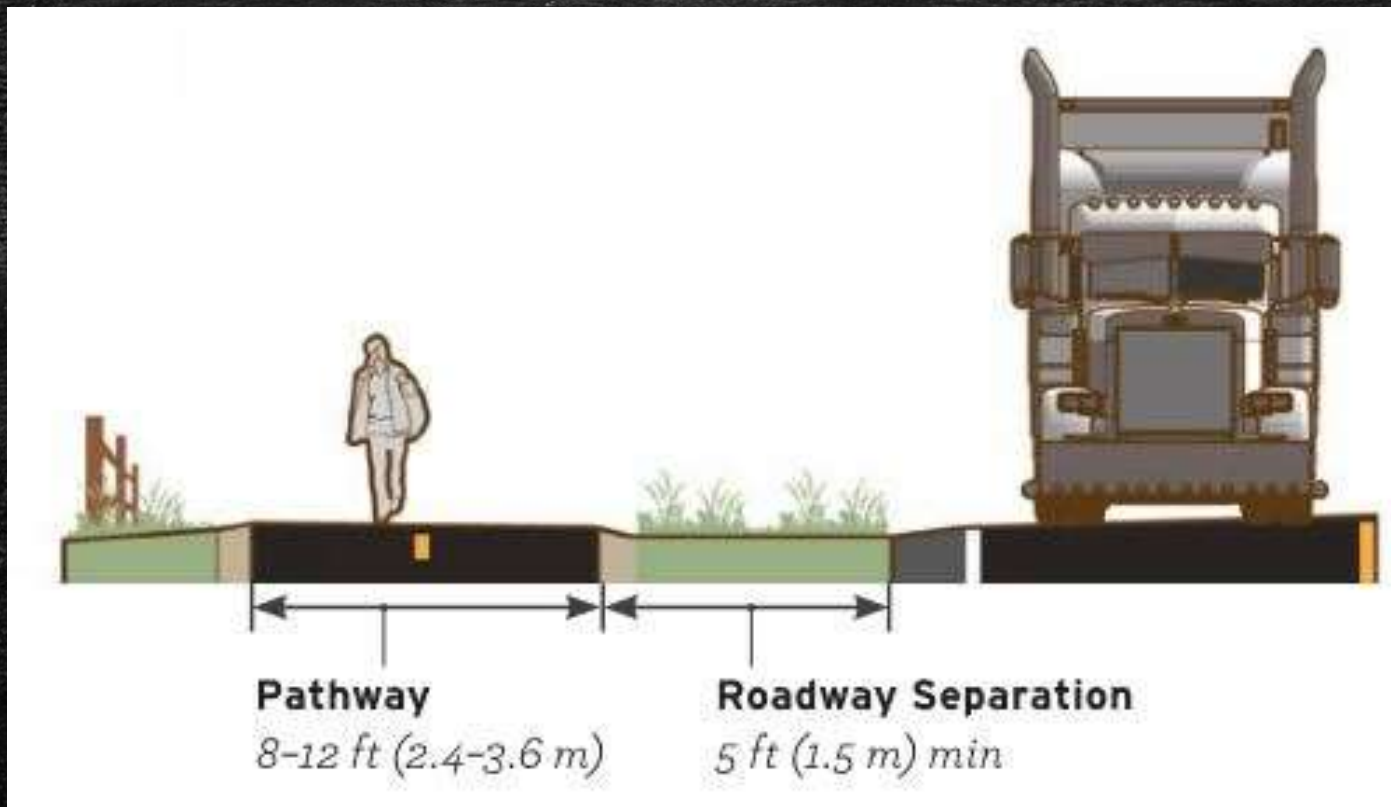
# Off-Street (Shared Use) Pathway

● BLTS 1



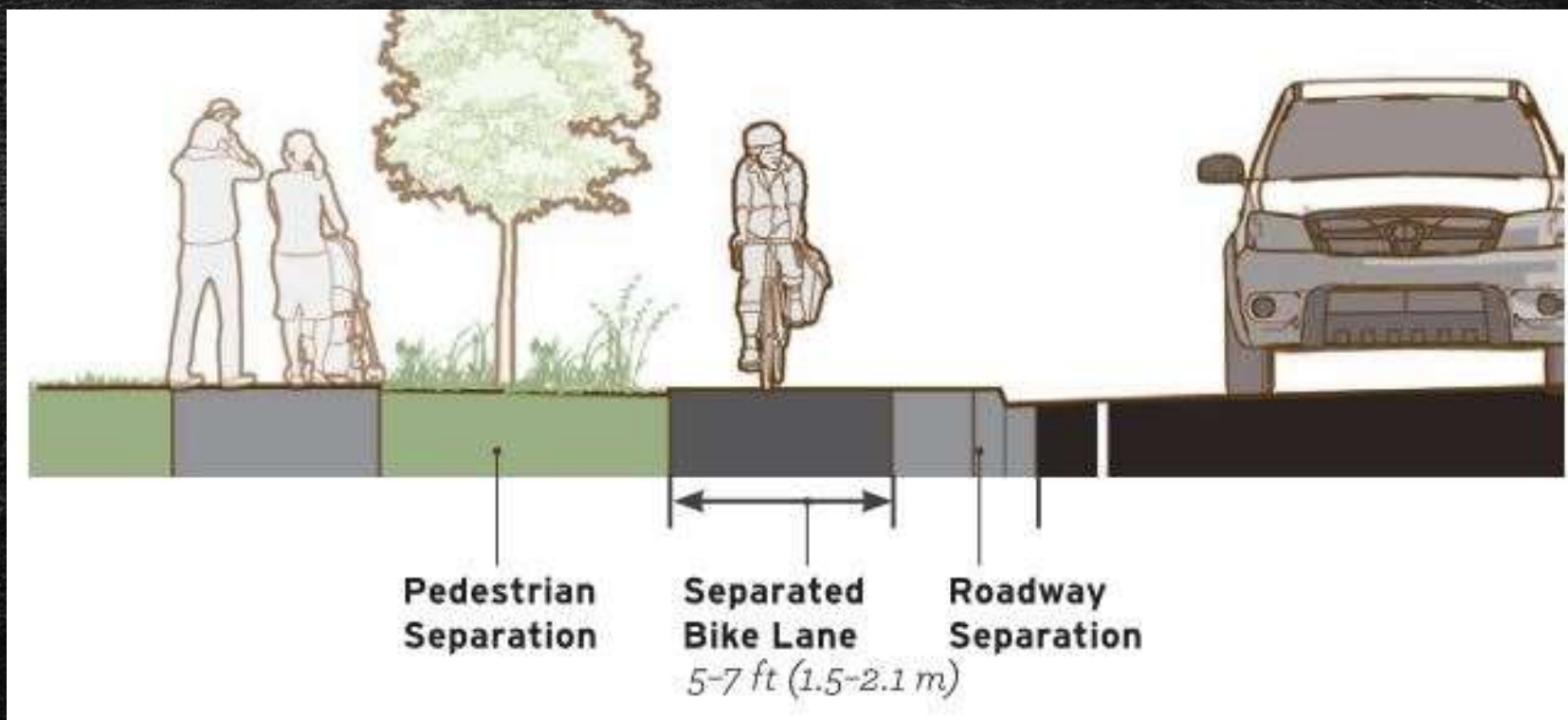
# Sidepath

● BLTS 1



# Separated (Protected) Bike Lane

● BLTS 1



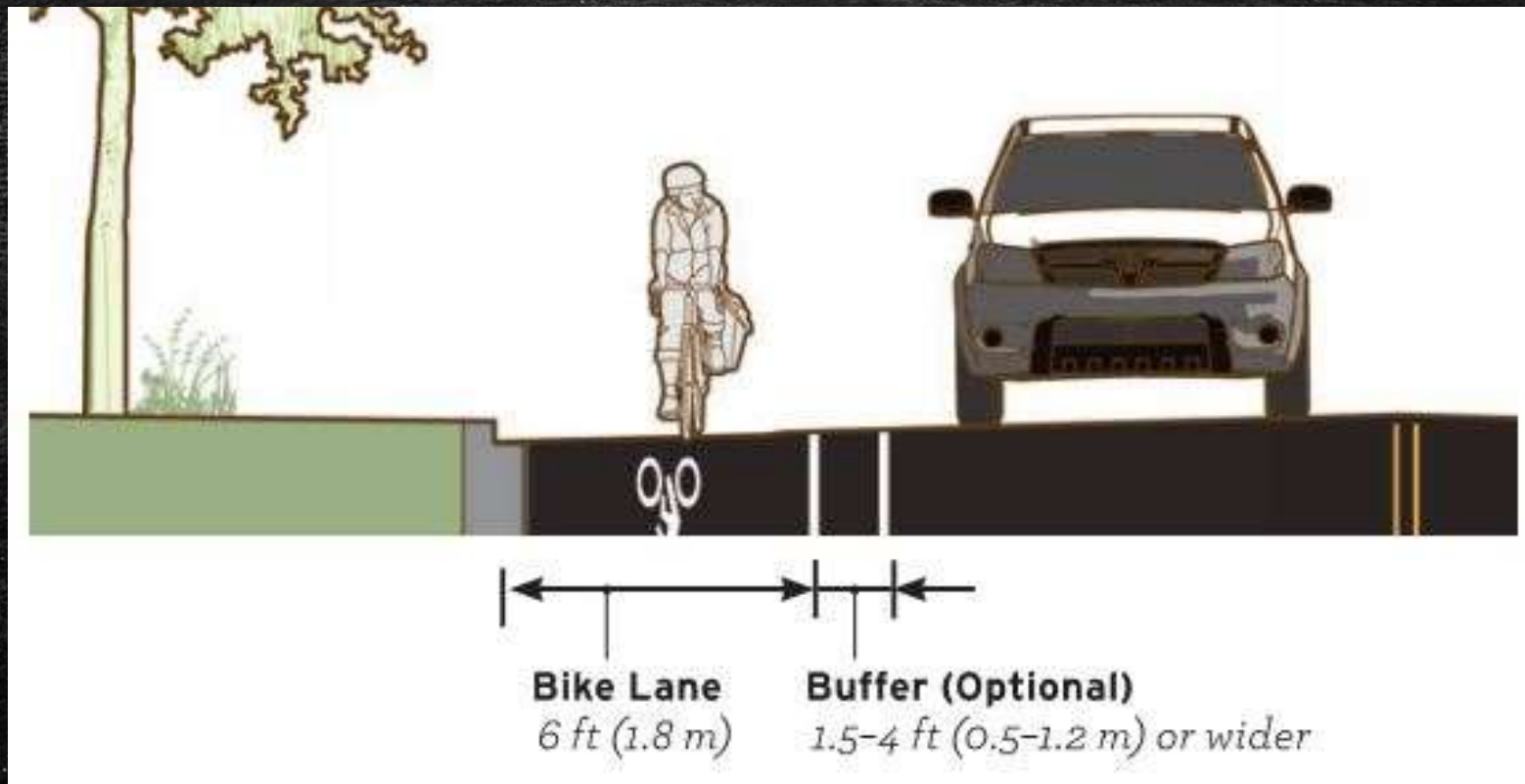
# Visually Separated Facilities

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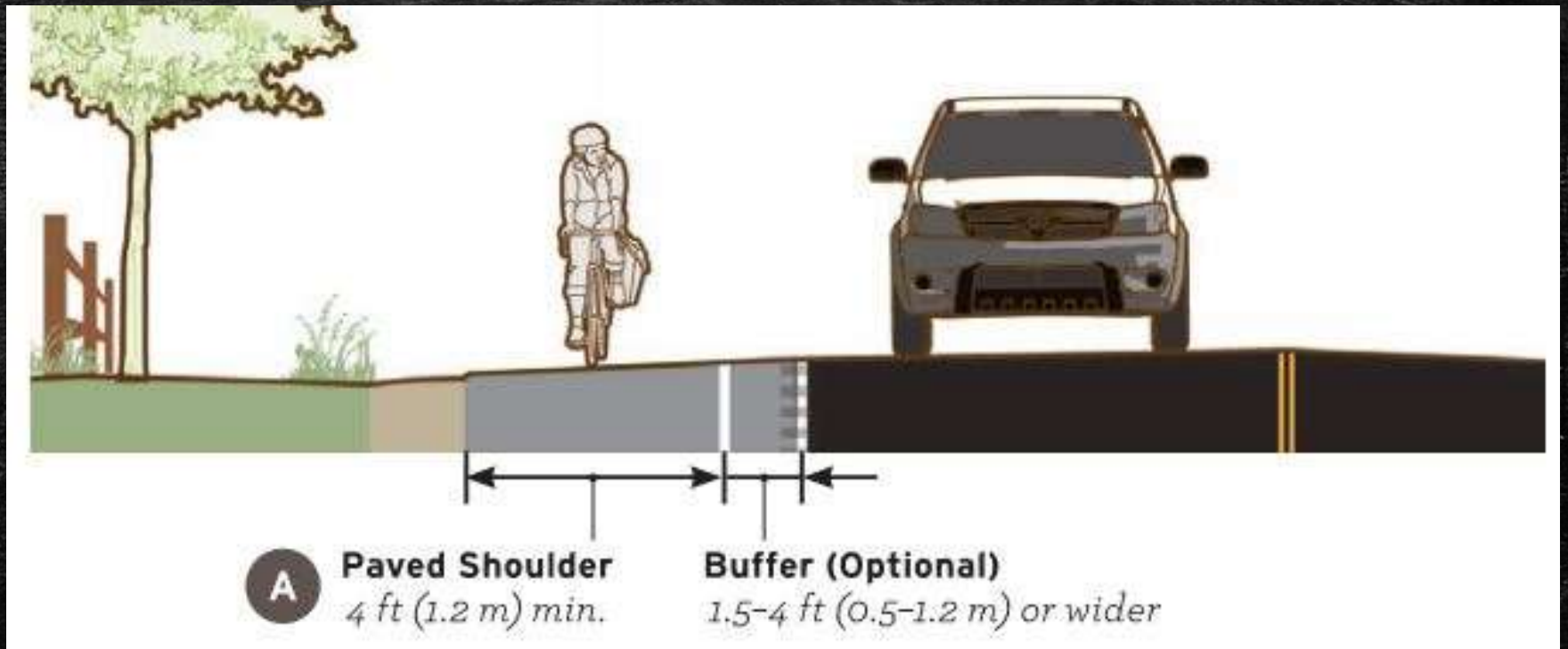
**Bicycle Level of Traffic Stress (BLTS) 2**

**Bicycle Level of Traffic Stress (BLTS) 3**

# Bike Lane



# Paved Shoulder



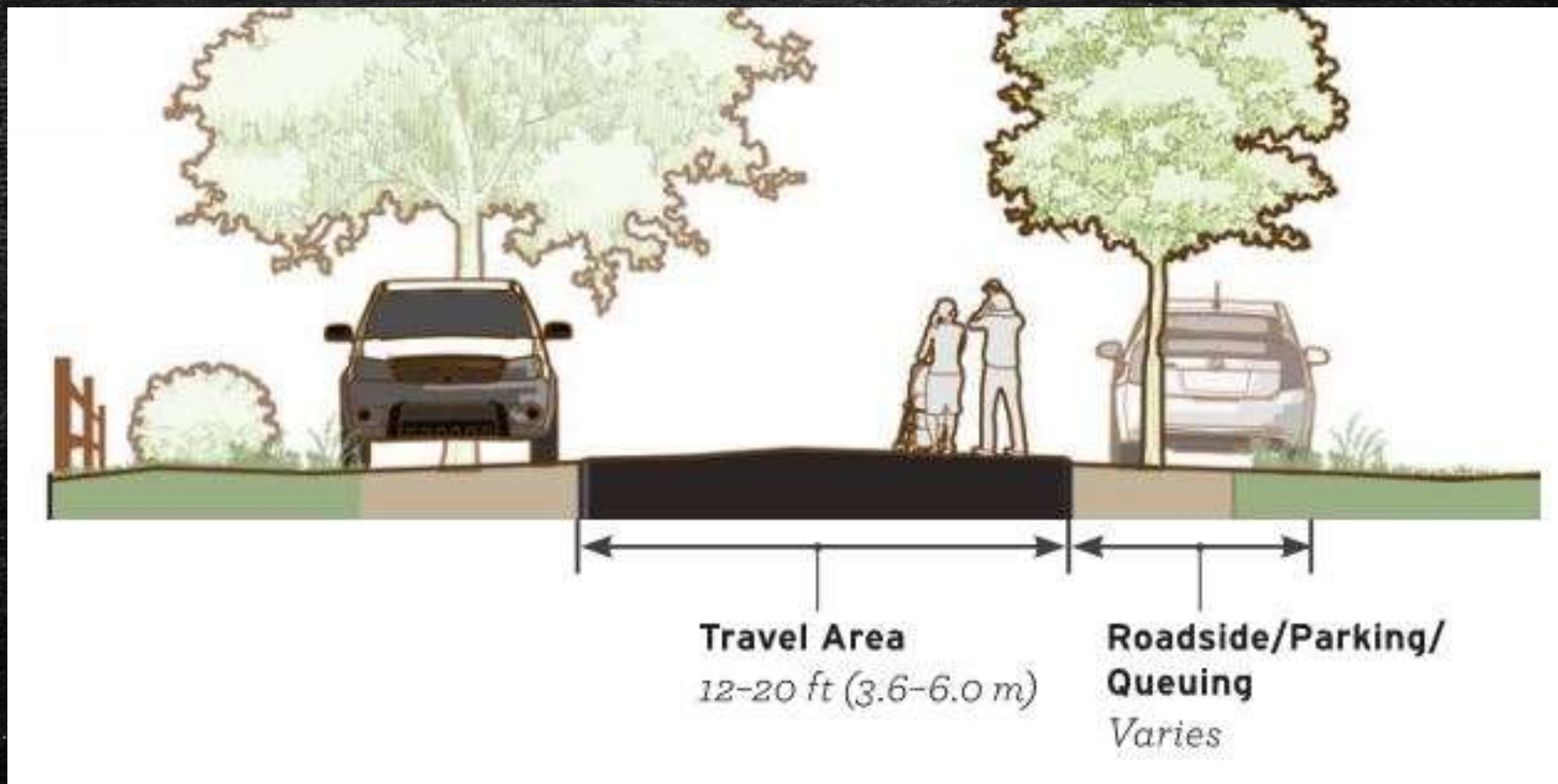
# Mixed Traffic Facilities

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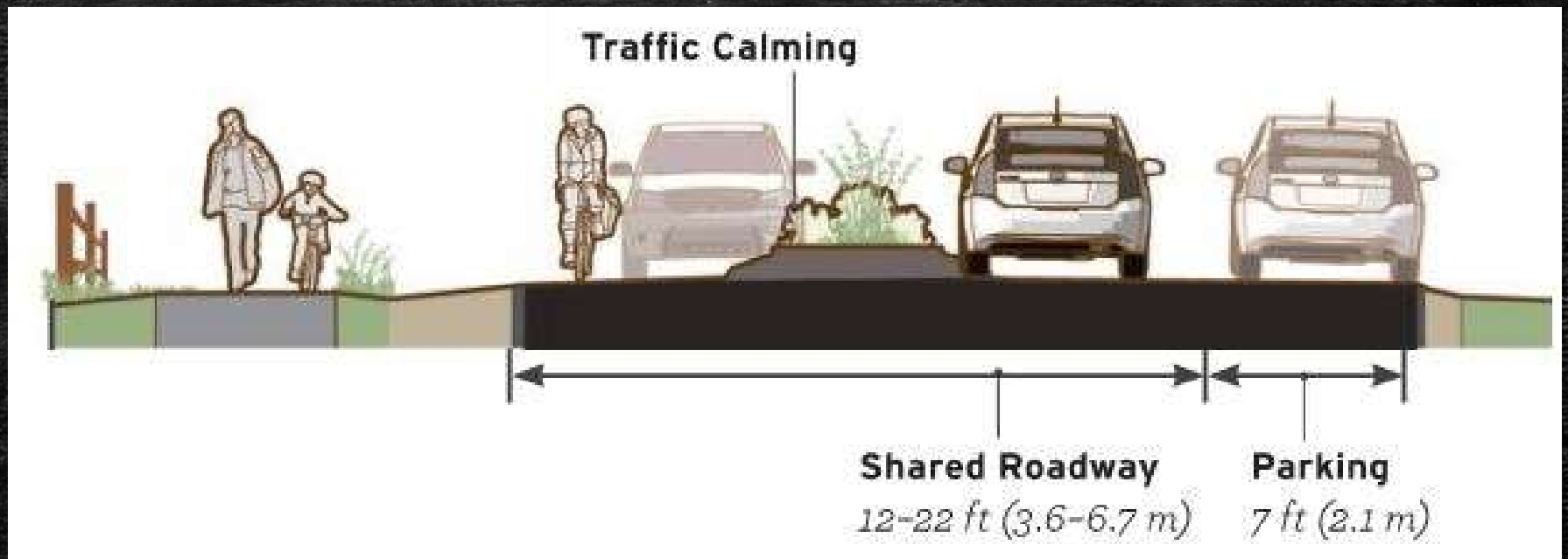
**Bicycle Level of Traffic Stress (BLTS) 2**

**Bicycle Level of Traffic Stress (BLTS) 3**

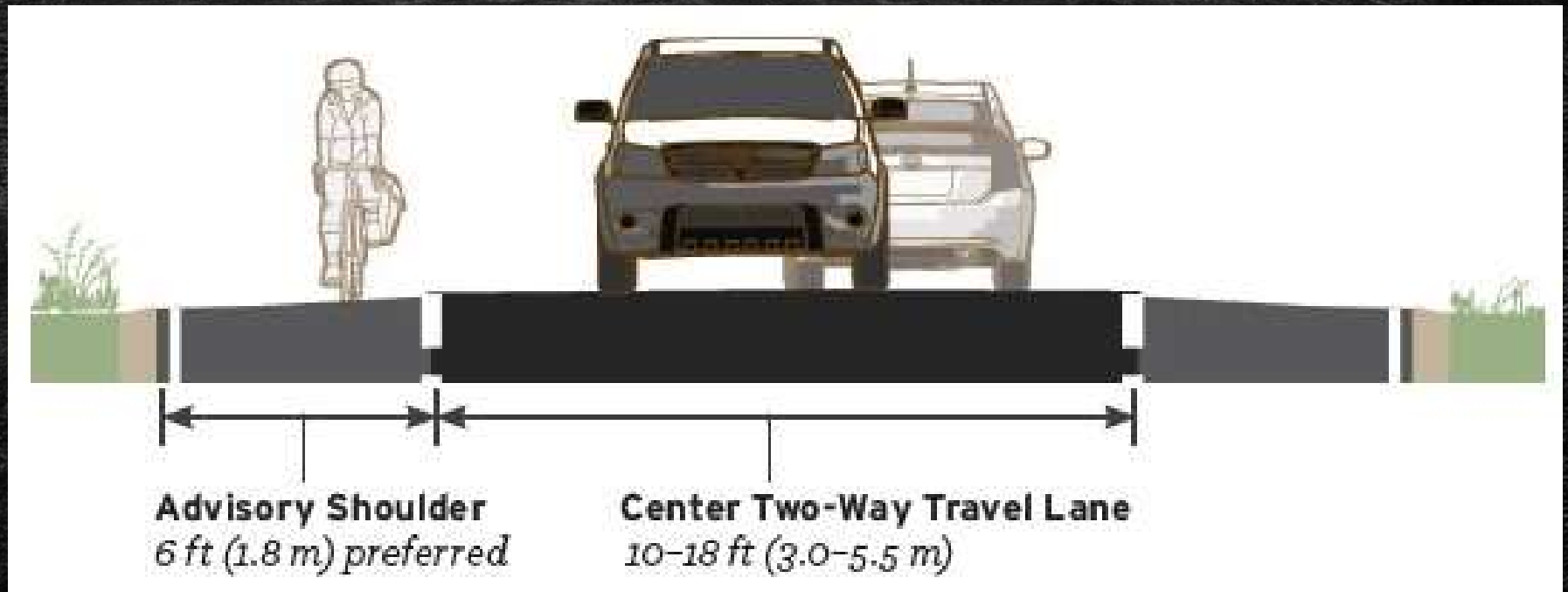
# Yield Roadway












# Bicycle Boulevard



# Advisory Shoulder



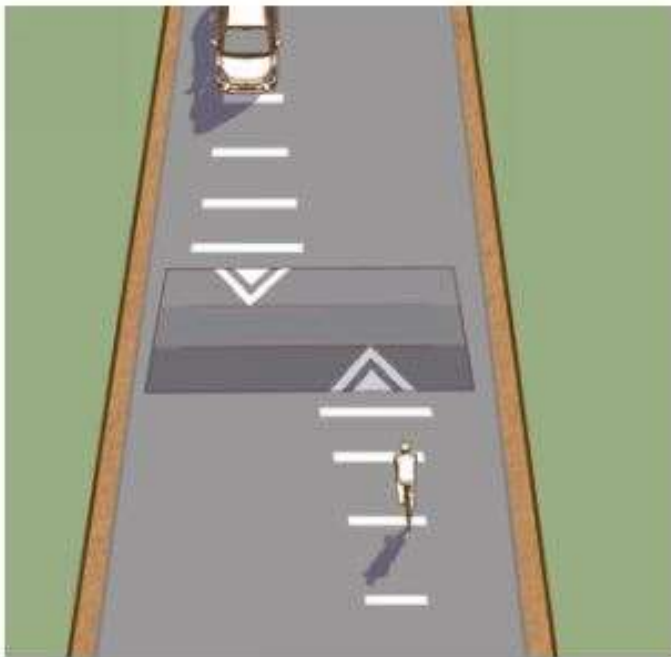
FACILITY TYPE	BLTS 1	BLTS 2	BLTS 3	BLTS 4
Shared-use Path				
Sidepath				
Separated Bike Lane				
Yield Roadway				
Bicycle Boulevard				
Bike Lane				
Advisory Shoulder				
Paved Shoulder				
Unpaved Shoulder				

# Speed Management Techniques

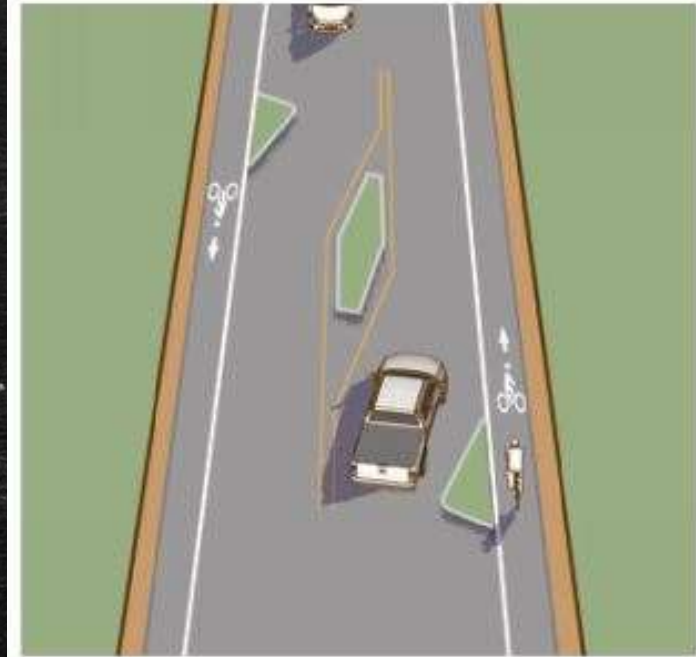
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# Speed Management Techniques

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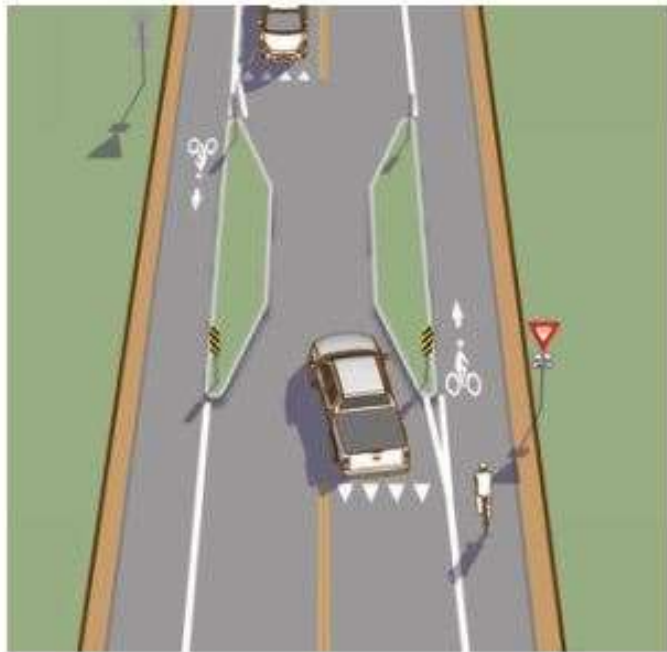
**Speed Humps and Speed Tables**



**Lateral Shift**

# Speed Management Techniques

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**Pinch Point**



**Median Island**

# Speed Management Techniques

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**Mini Roundabout**



**SLOW or Speed Limit  
Pavement Legends**

# Speed Management Techniques

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**Speed Feedback Sign**



**Speed Reduction Markings**