

TAKE ANOTHER LOOK AT BIKE LANES



Brandon Forrey
City of Peoria
MAG Bicycle and Pedestrian Committee
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Biases Against Bike Lanes

- ❑ Auto-centric street designs – overbuilt infrastructure
- ❑ Fear of the unknown / uninformed opinions
- ❑ Bikes don't belong on arterial streets
- ❑ No or few observed cyclists
- ❑ Anti-bike sentiment



Biases Against Bike Lanes



Would a vehicle count
be appropriate here?

Biases Against Bike Lanes



Or a bicycle count here?

Obstacles to Bike Lanes

Problem

Little or no funding



Solution

- ▣ Apply for funds!
- ▣ Add bike lanes during development, CIP, and pavement maintenance projects

Obstacles to Bike Lanes

Problem

No destinations or other bike facilities



Solutions

- ▣ Just build it – start somewhere
- ▣ Design for bike lanes, but do not install

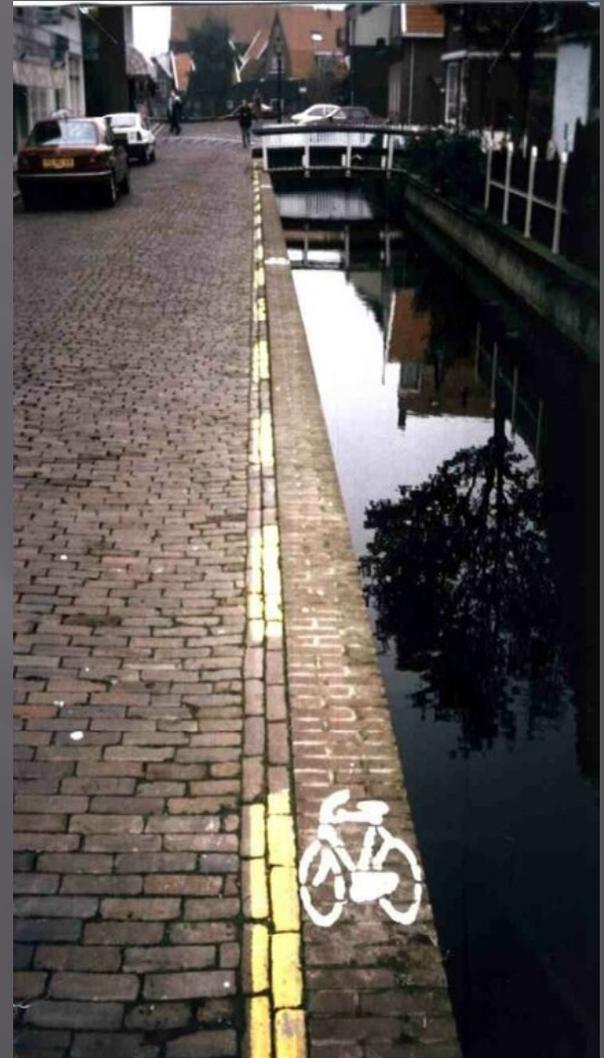
Obstacles to Bike Lanes

Problem

Not enough road width

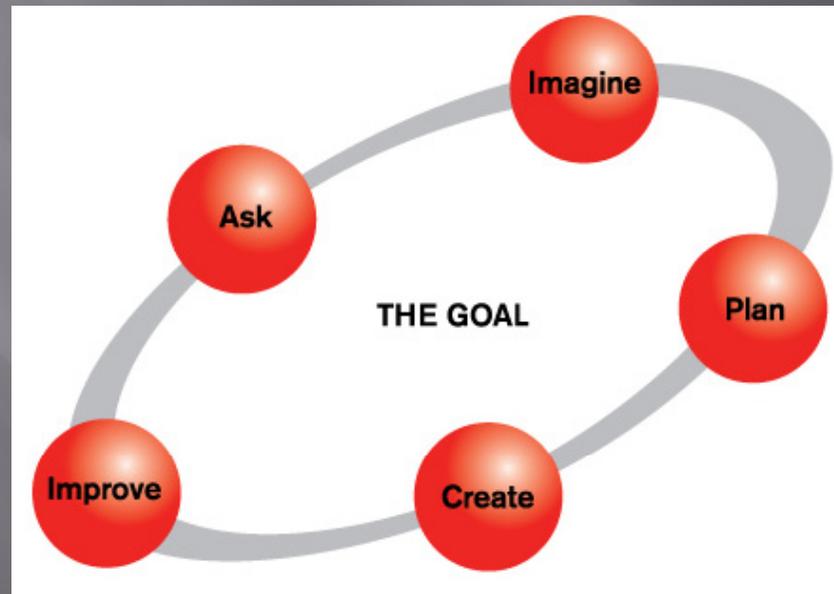
Solutions

- ▣ Reduce lane widths (typical min. 10')
- ▣ Widen shoulders
- ▣ Road Diets
- ▣ Sharrows



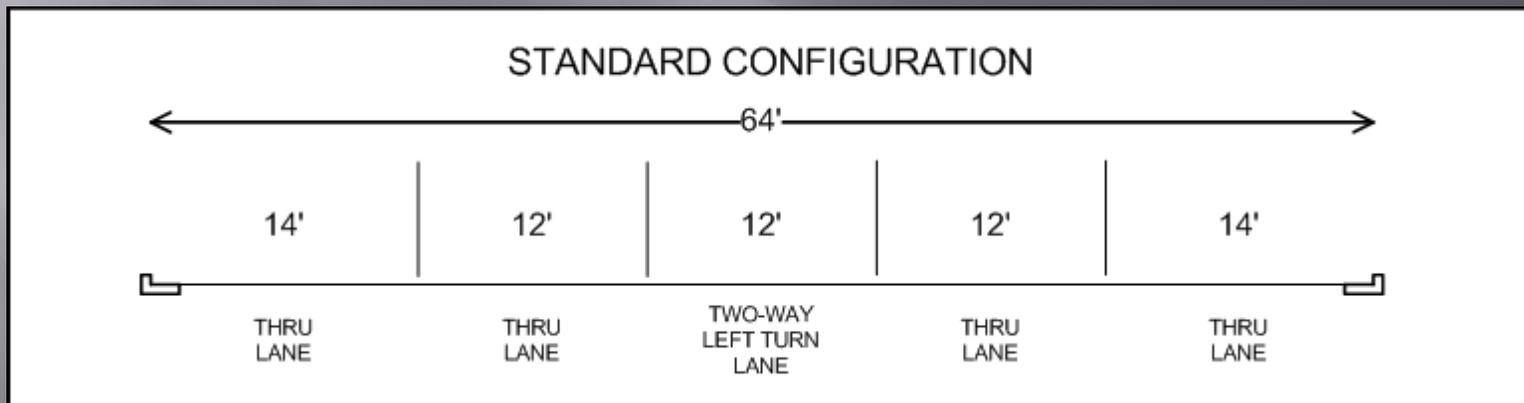
Implementation Process

- ▣ Gain support from elected officials
- ▣ Adopt Complete Streets policy
- ▣ Create implementation policies
- ▣ Update policies as needed
- ▣ Build on successes and keep pushing



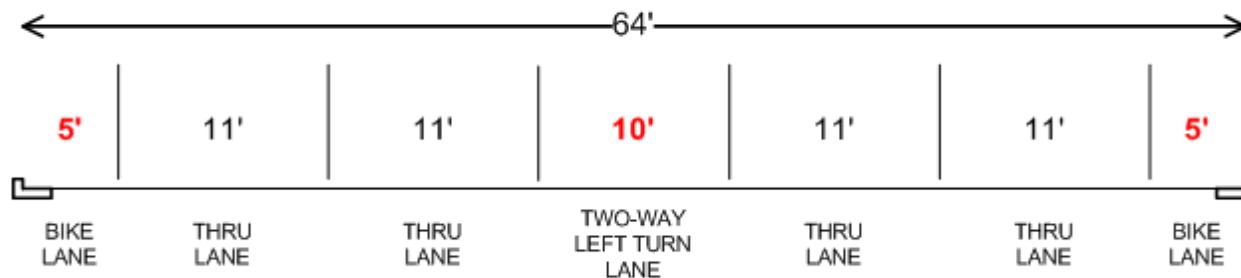
Bike Lane Retrofits

EXAMPLE
Configuration: 2-1-2
Width 64'

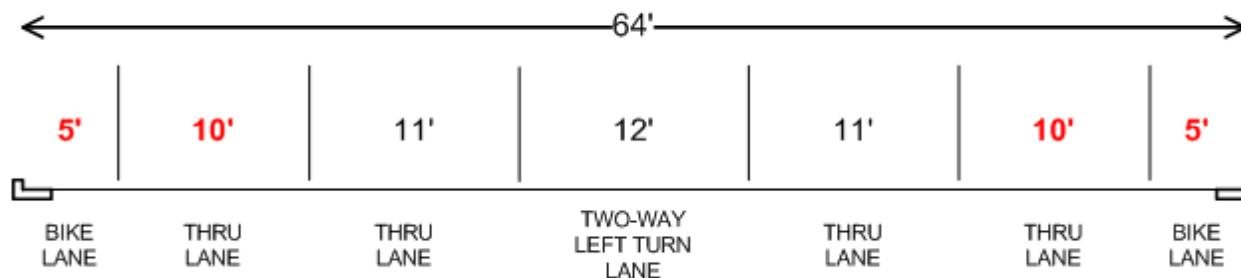


Bike Lane Retrofits

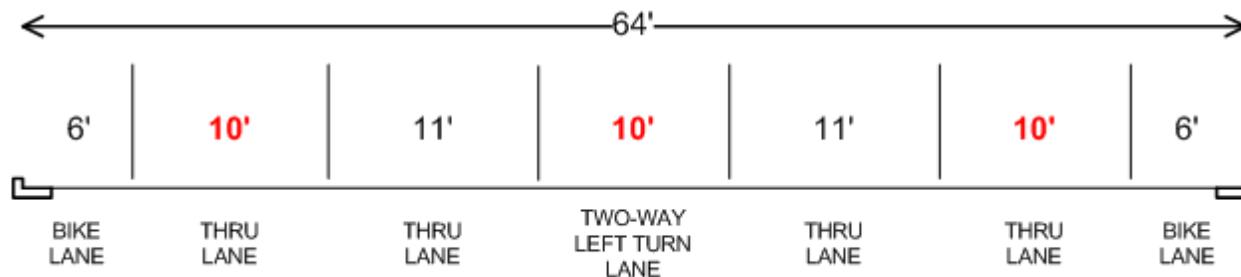
RETROFIT CONFIGURATION 1



RETROFIT CONFIGURATION 2

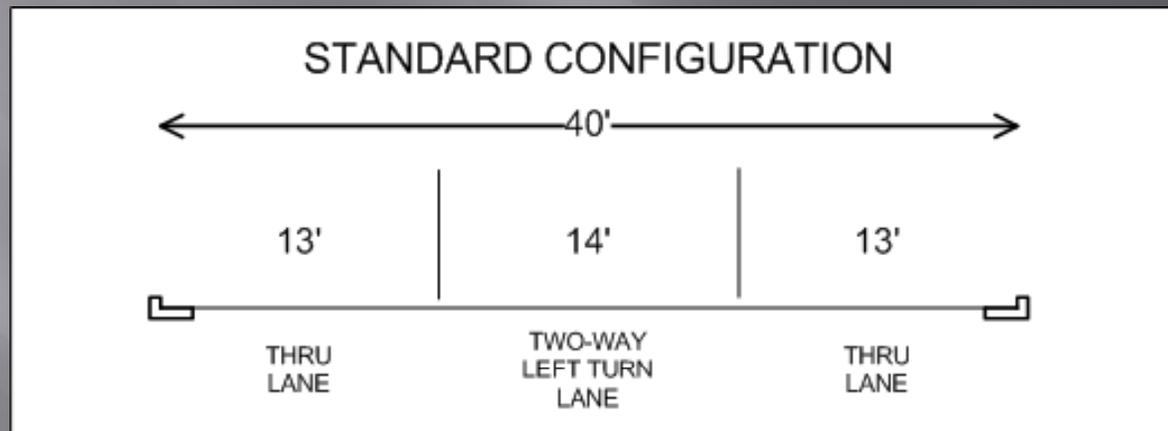


RETROFIT CONFIGURATION 3

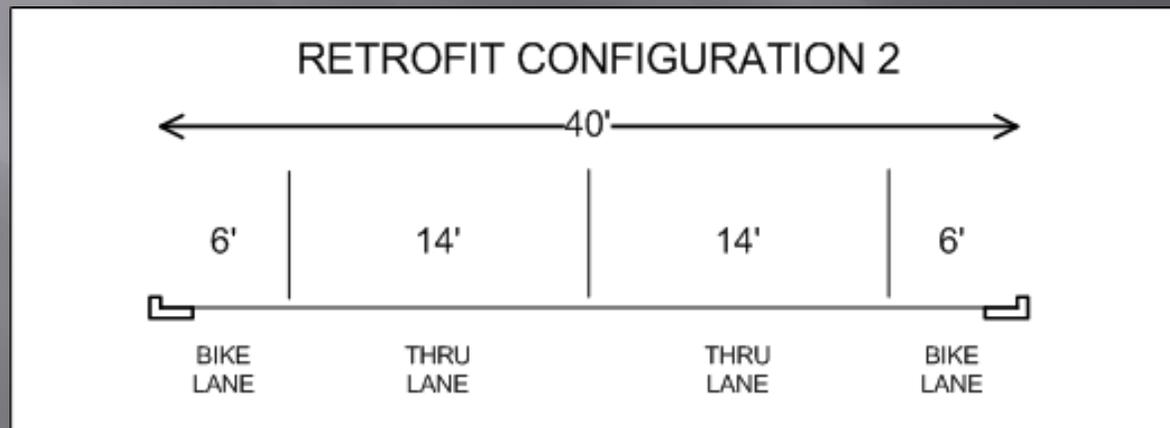
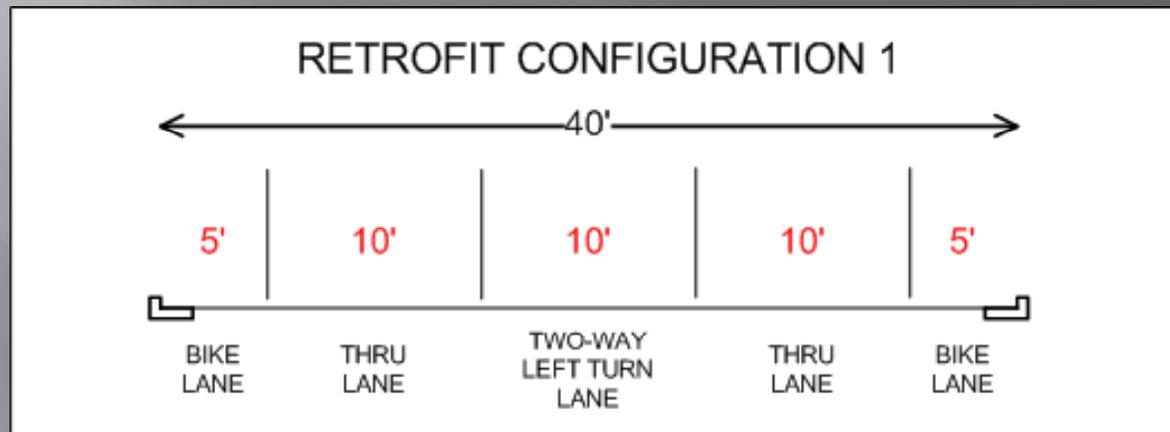


Bike Lane Retrofits

EXAMPLE
Configuration: 1-1-1
Width 40'

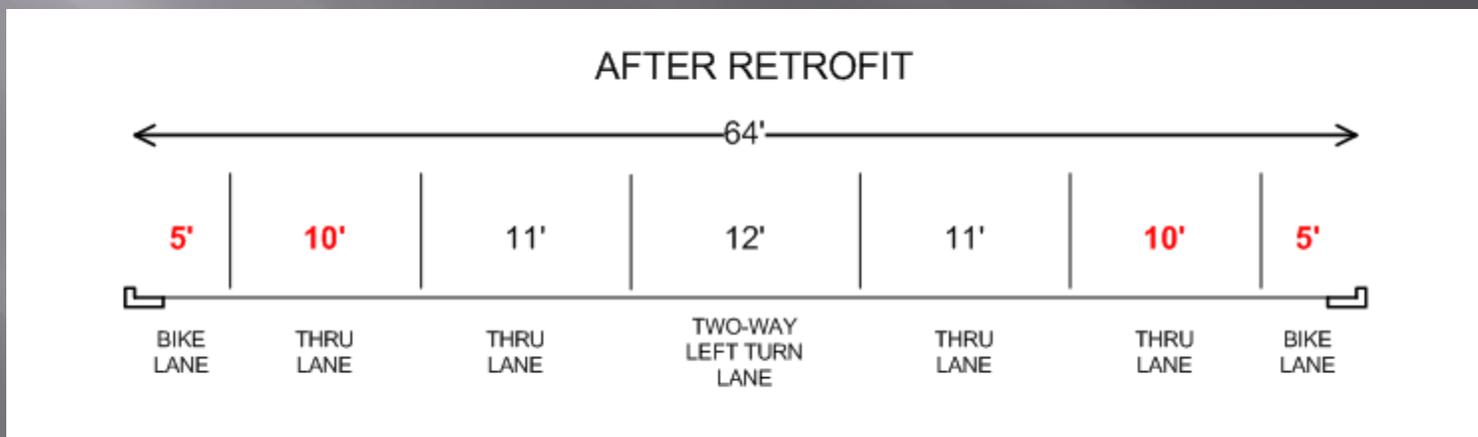
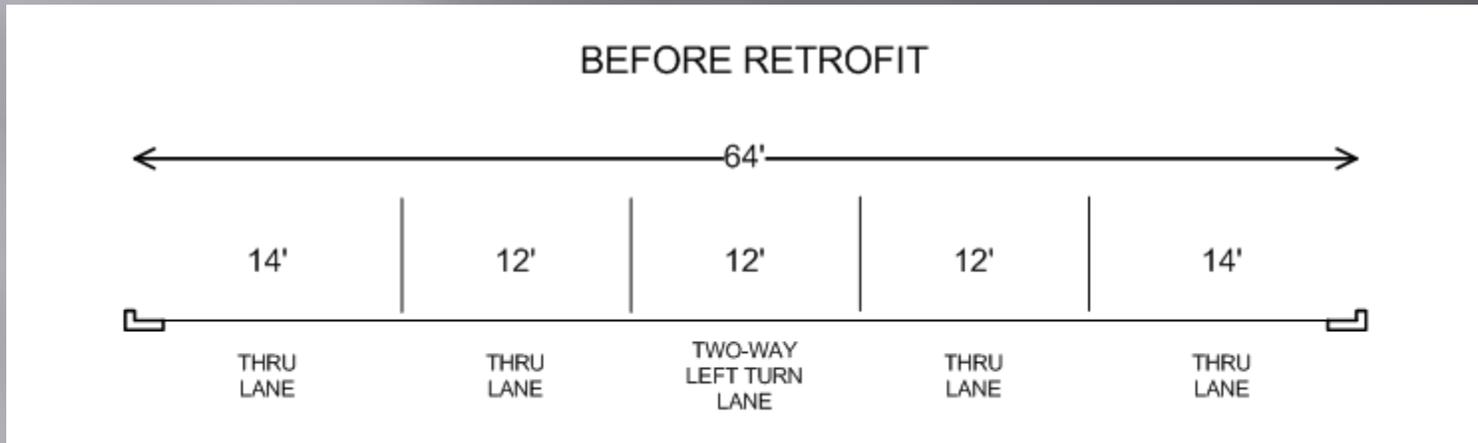


Bike Lane Retrofits



Example Bike Lane Retrofit

83rd Avenue – Thunderbird Road to Cactus Road



Example Bike Lane Retrofit

83rd Avenue – Thunderbird Road to Cactus Road

BEFORE RETROFIT

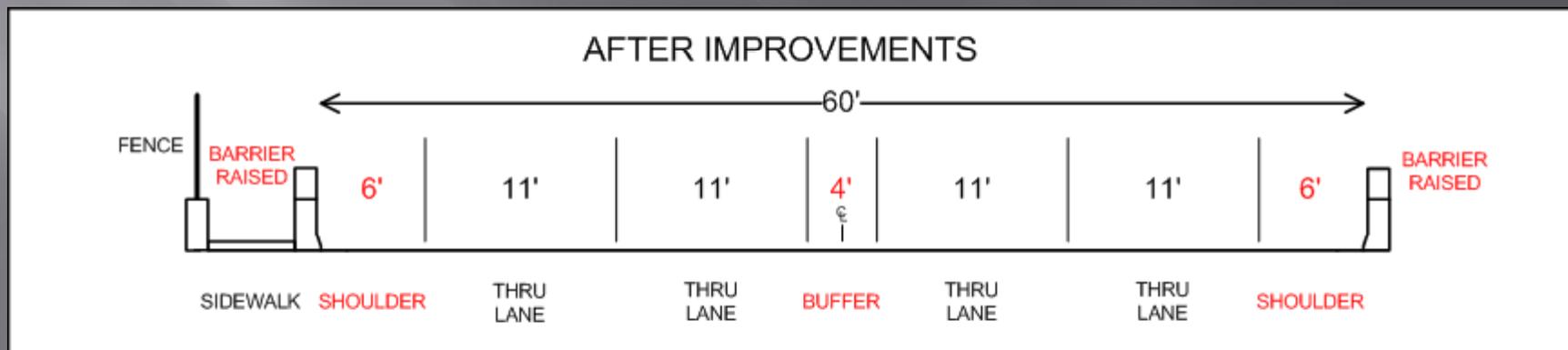
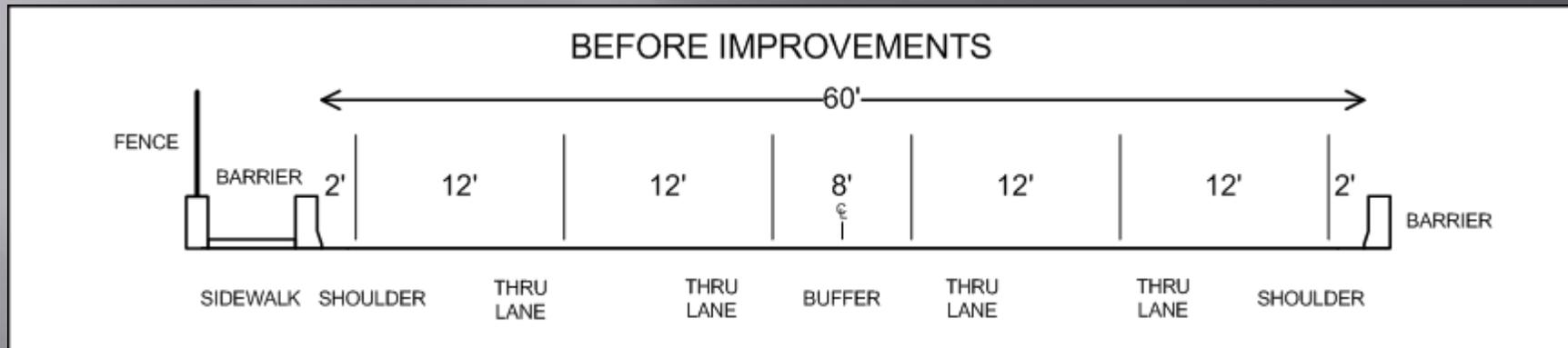


AFTER RETROFIT



Example Safety Improvement

Happy Valley Parkway Bridge at Agua Fria River



Example Safety Improvement

Happy Valley Parkway Bridge at Agua Fria River

BEFORE IMPROVEMENTS

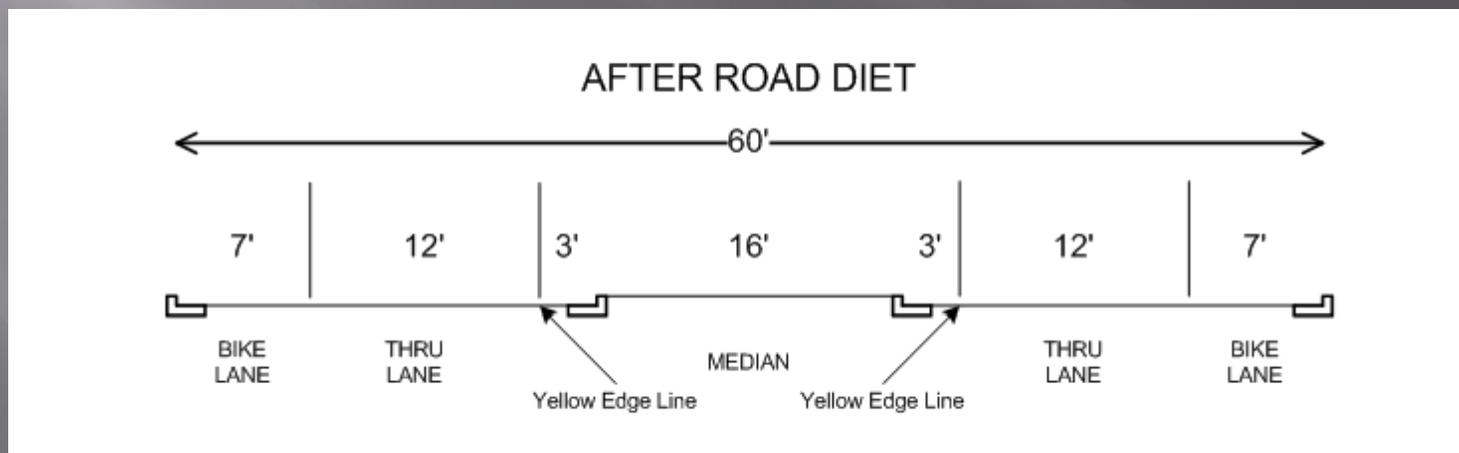
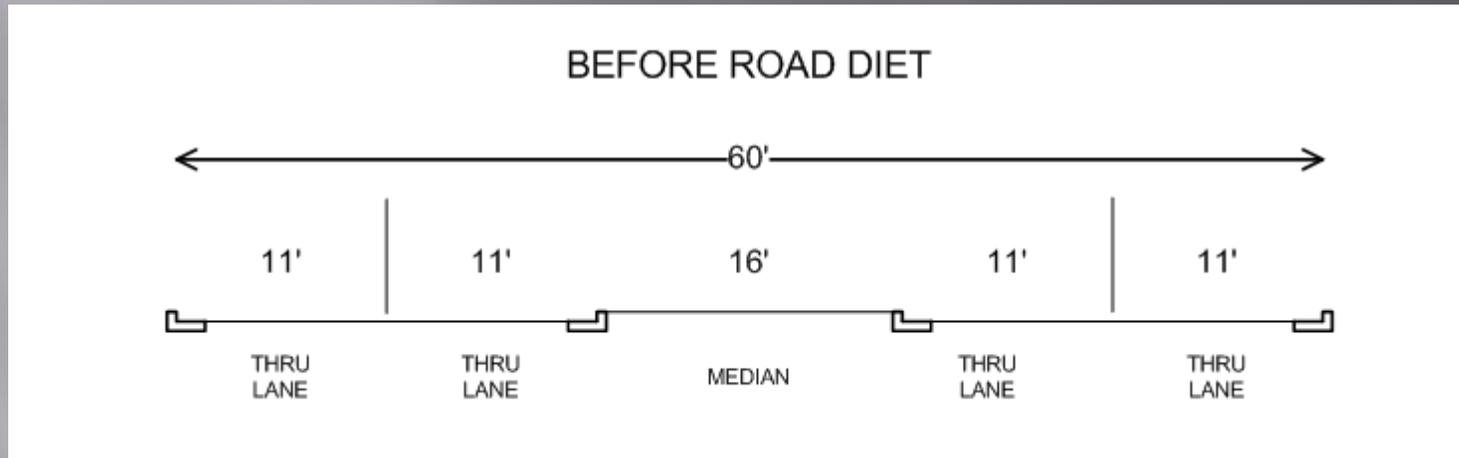


AFTER IMPROVEMENTS



Example Road Diet

Terramar Boulevard and Desert Moon Way



Example Road Diet

Terramar Boulevard and Desert Moon Way

BEFORE ROAD DIET

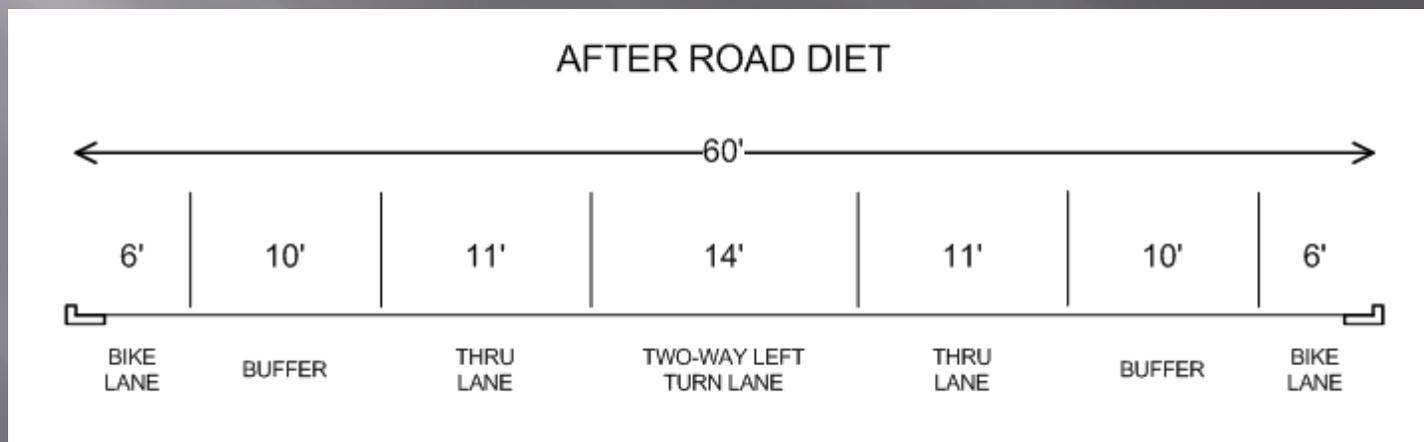
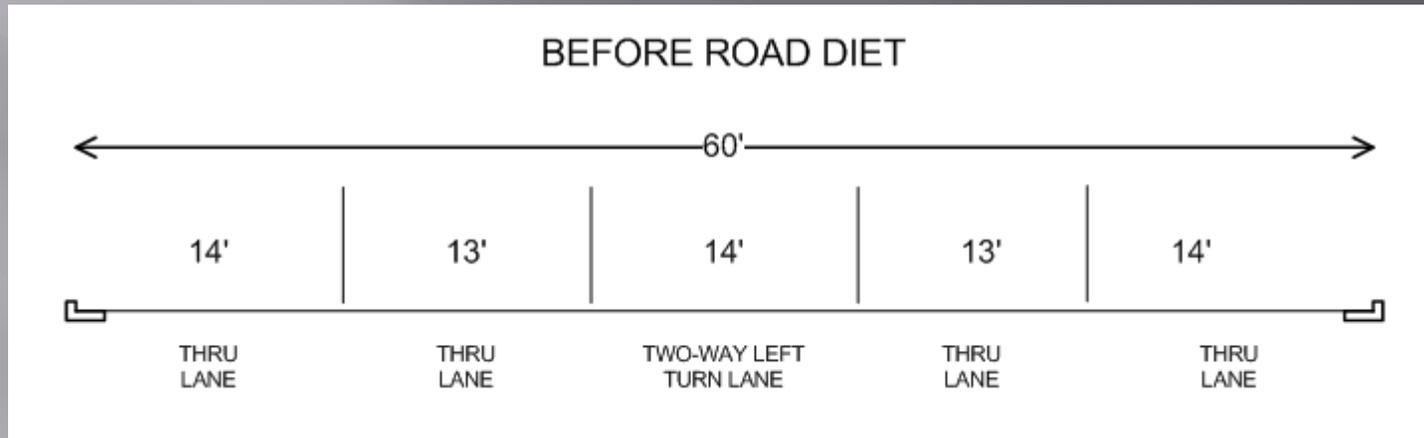


AFTER ROAD DIET



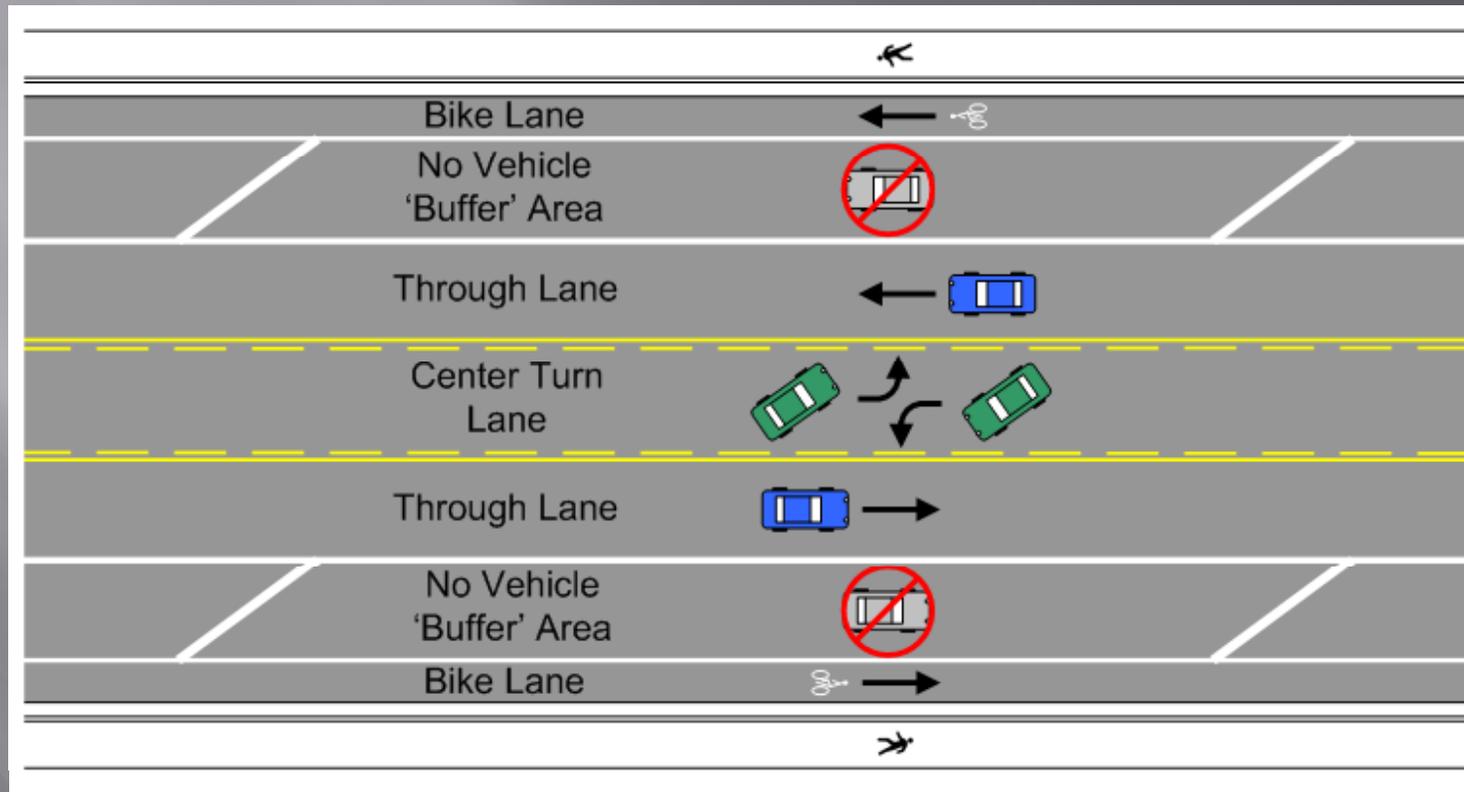
Example Road Diet

107th Avenue – Northern Avenue to Olive Avenue



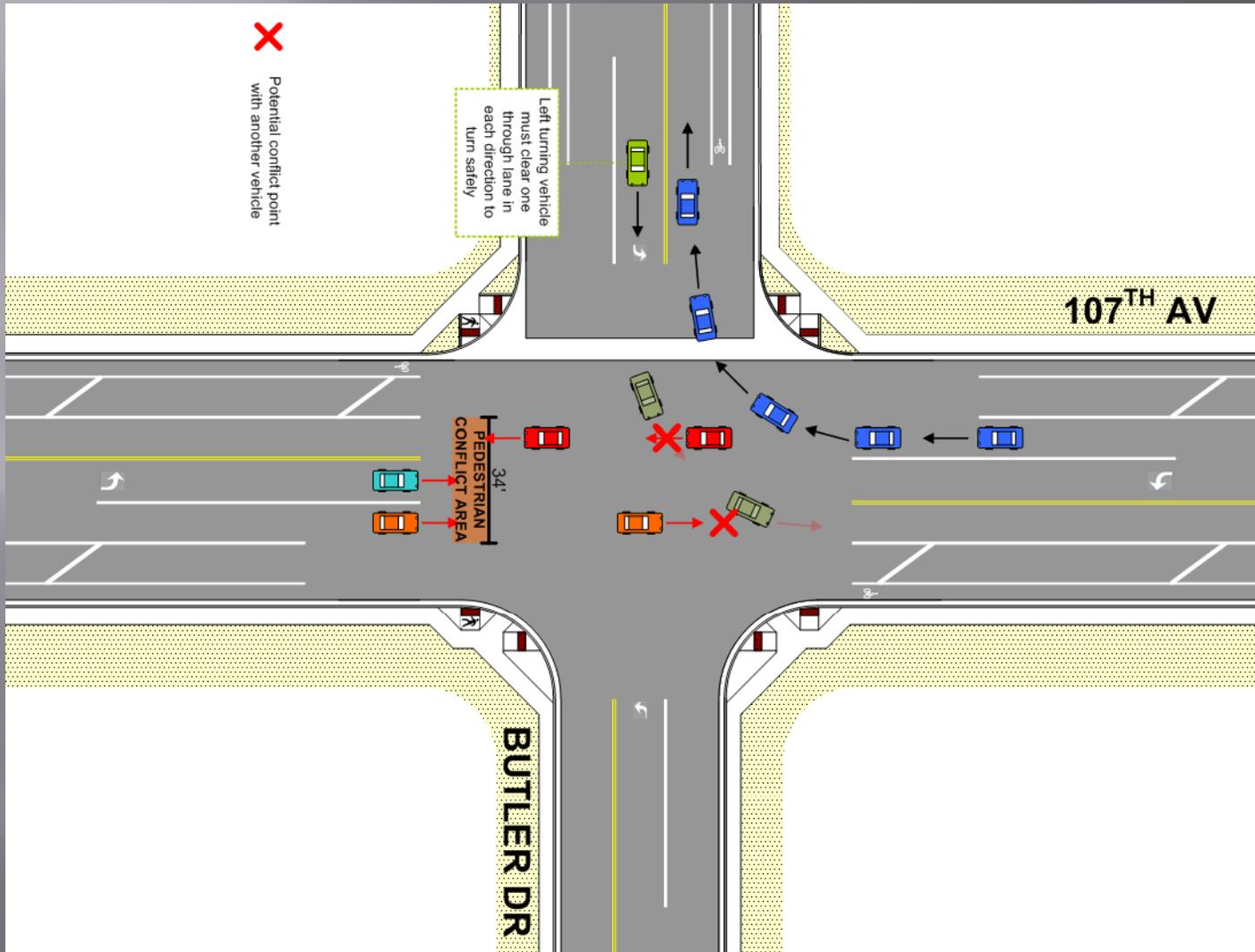
Example Road Diet

107th Avenue – Northern Avenue to Olive Avenue



Example Road Diet

107th Avenue – Northern Avenue to Olive Avenue



Example Road Diet

107th Avenue – Northern Avenue to Olive Avenue

AFTER ROAD DIET



ROAD DIET REVERSED



Public Feedback

- ▣ Peoria is becoming bike friendly
- ▣ Road diets must have public support to succeed
- ▣ Need for bike counts
- ▣ Keep the momentum going

Questions?