

# 5<sup>th</sup>/6<sup>th</sup> Street Complete Streets

Ryan Fagan, Planning Project Manager Tucson Department of Transportation & Mobility





## About the Project

### **Prop 407 Tucson Delivers Strong Connections**

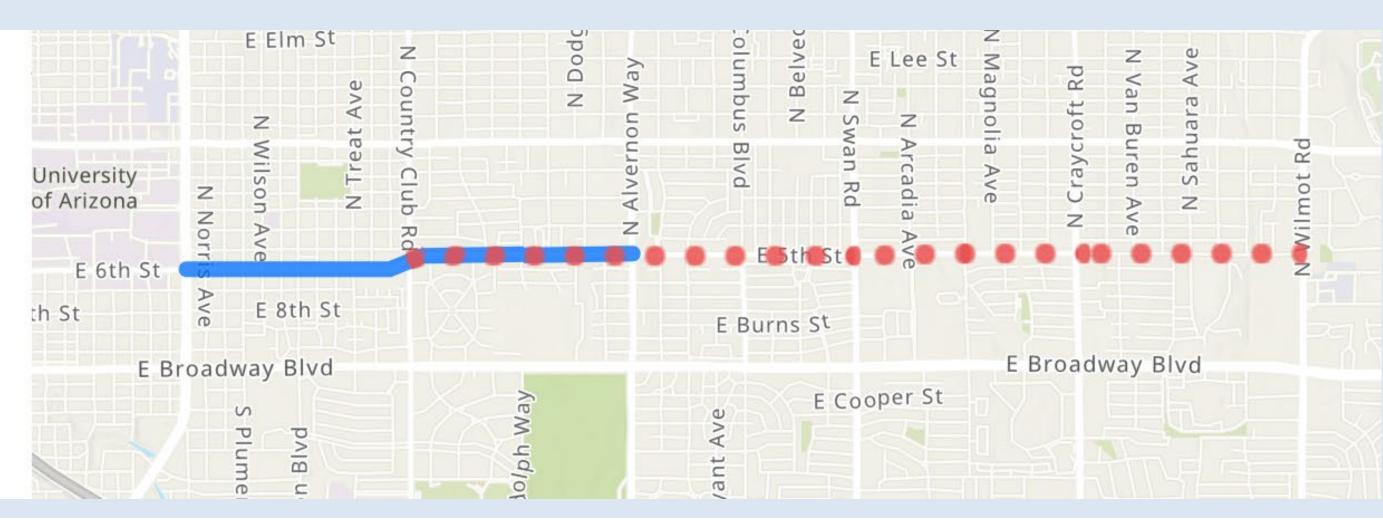
- Campbell Avenue to Alvernon Way
- Complete sidewalks, ramps, lighting
- Enhanced street crossings
- New landscaping

### Fifth St/Sixth St Projects

### **Project Name**

Pedestrian Safety & Walkability (Prop 407)

Pavement Reconstruction (Prop 101)





- - Country Club Road to Wilmot Road
  - New pavement
  - New ADA-compliant curb ramps

### **Prop 101 Tucson Delivers Better Streets**



### About the Project

Repaying provides a blank slate to rethink the striping on the road to improve safety and address • changing community needs



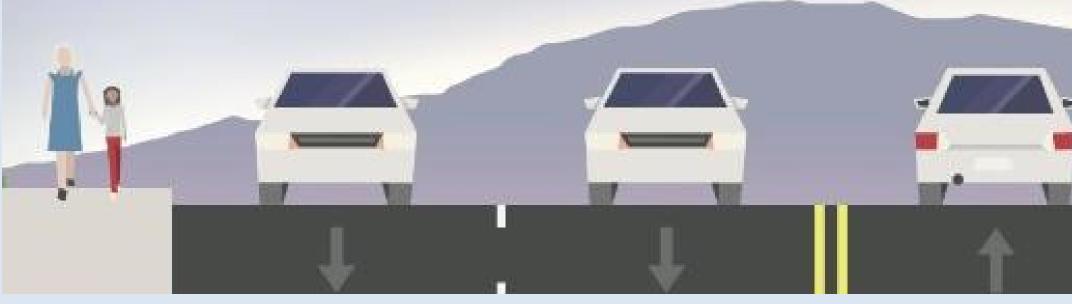




### What are the options under consideration?

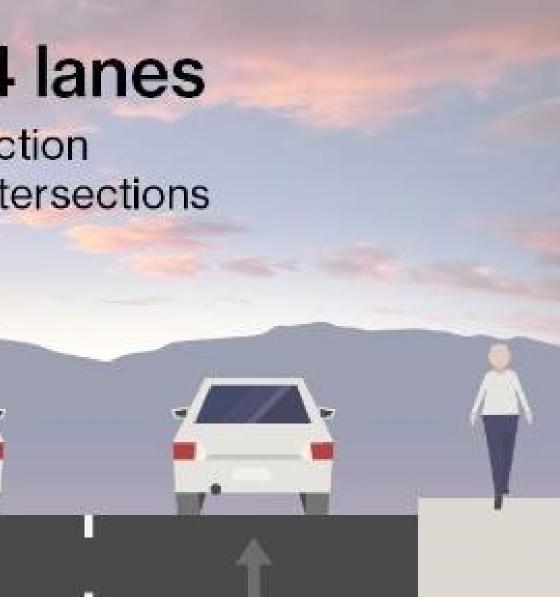
# **Option A (Existing): 4 lanes**

Two vehicle lanes in each direction Center turn lane only at signalized intersections No bike lanes











### What are the options under consideration?

# **Option B: 3 lanes**

One vehicle lane in each direction Continuous center turn lane **Buffered bike lanes** 









### Look familiar?

- Designed for vehicle throughput, but...
- Lack of left turn lane constrains capacity at peak times and creates unpredictable conditions







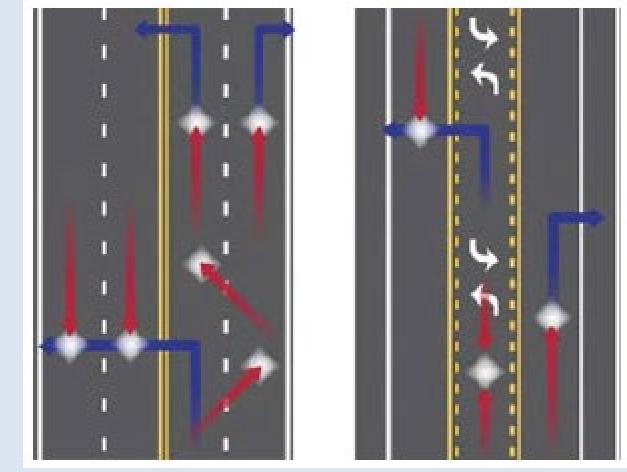


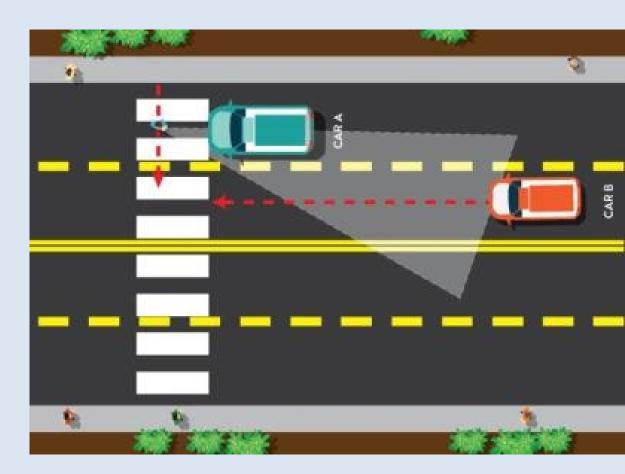


## Why change the striping?

- Improved safety
  - Reduction in crashes
  - Reduced vehicle conflicts
    - Fewer rear-end, left-turn, and sideswipe crashes
  - Reduced speed differential
    - Vehicles not stopping in travel lanes to make left turns
    - Less extreme speeding
  - Reduction of "multiple threat" crashes









## Why change the striping?

### • Better walking and biking facilities

- Dedicated bike lanes
- Improved pedestrian crossings
- Improved comfort





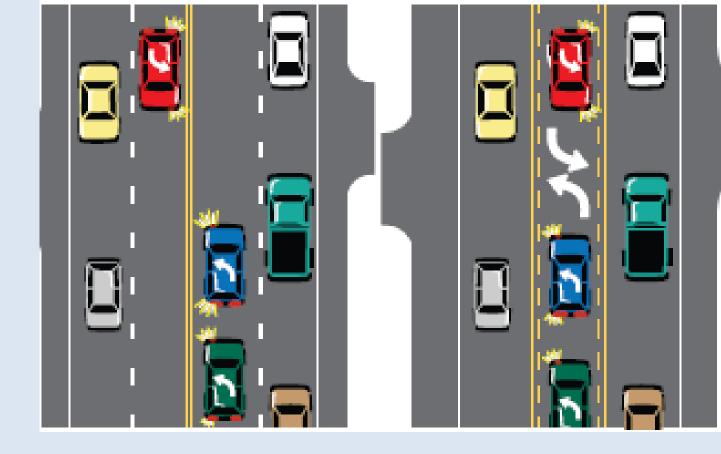


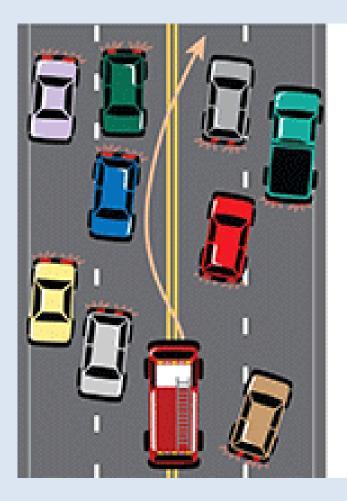


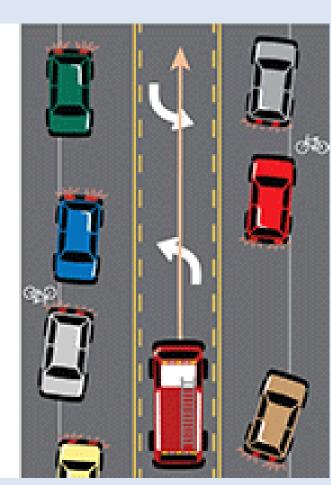
## Why change the striping?

- Better traffic operations
  - Separated left turn operations
  - Smoother traffic flow
  - Improved emergency response





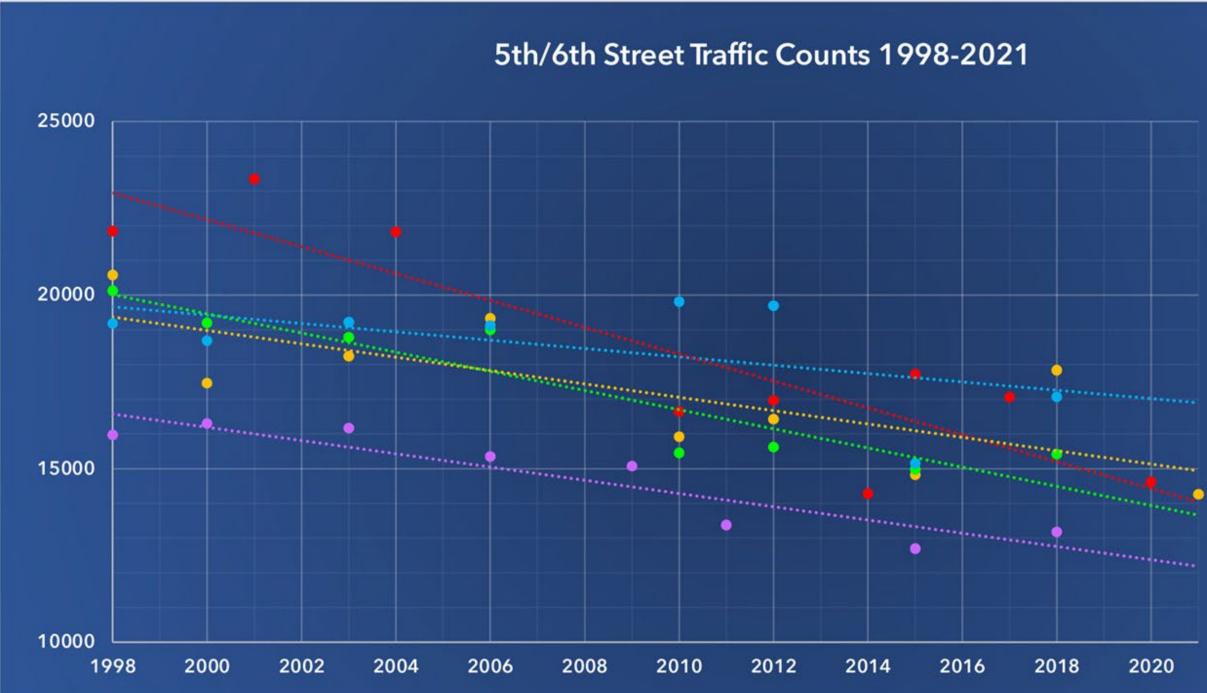






### So what's the downside?

- Increased peak travel times by 6-8%
- However...





- Campbell to Country Club
- Country Club to Alvernon
- Alvernon to Swan
- Swan to Craycroft
- Craycroft to Wilmot

Source: Pima Association of Governments





### Learn more and let us know what you think by taking the survey at https://bit.ly/5th6thSt



### Ryan Fagan

Ryan.Fagan@tucsonaz.gov 520-419-2245





