

Central Avenue, Bethany Home Road to the Arizona Canal

Proposed Lane Changes



STREET TRANSPORTATION DEPARTMENT

**Escuchar
en
Español**

Marque 602-534-1000,
luego el número de
reunión, 63519, y
luego apriete el #.

Panel Members

- **Kini Knudson**, Street Transportation Director
- **Briiana Velez**, Assistant Street Transportation Director
- **Mark Glock**, Deputy Director of Programming & Project Delivery
- **Marielle Brown**, Project Manager
- **Carl Langford**, Traffic Operations Engineering Supervisor

Virtual Public Meeting Agenda


- How to provide input
- Introduction from the Department Director
- **Audience poll**
- Public meeting goals & ground rules
- Project schedule
- Context
- **Priorities poll**
- Proposed changes
- **Poll on proposed changes**
- **Live Q & A**

How to Provide Input

- Polls
- Chat Box
- **SURVEY**

**Street
Transportation
Director,
Kini Knudson**



A photograph of a street scene. The road is paved and has a white line on the left and a double yellow line in the center. The text 'N Central Ave' is painted on the road surface. On the right side, there is a sidewalk with a blue-painted area. Several people are walking on the sidewalk, and a dog is visible. The background shows trees and a clear blue sky. The text 'How are you connected to Central Avenue?' is overlaid in large, bold, black letters with a white outline.

**How are you connected
to Central Avenue?**

Virtual Public Meeting Goals

- Share proposed changes to Central Avenue
- Gather input from the community

Virtual Public Meeting Ground Rules

- Consider small scale and large scale effects
- Share your thoughts with us!
 - Polls
 - Survey
- If you pre-registered to ask a question tonight, the time limit is 1-2 minutes

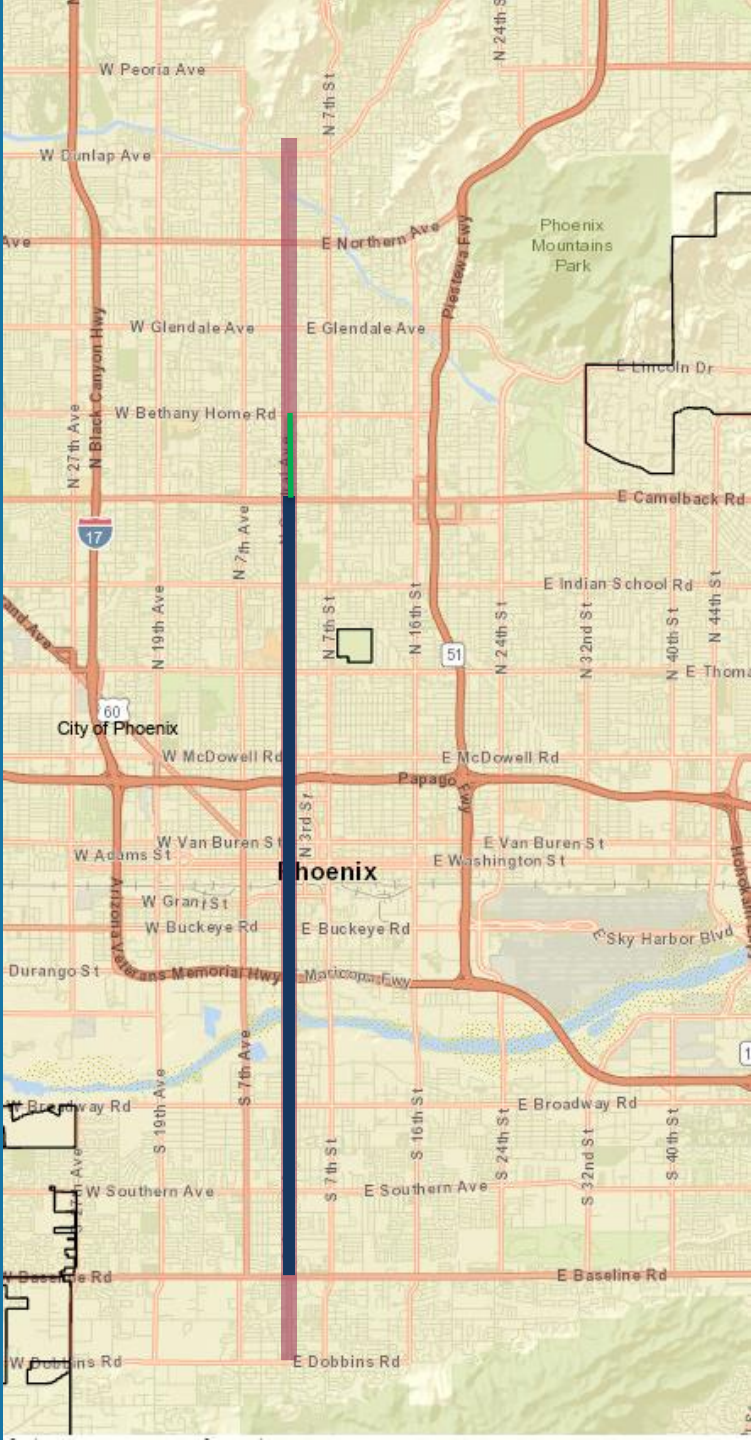
Proposed Schedule

- Survey open through June 11
- Decision will be shared in fall 2021
- Phase 1 will be striped after roadway treatment in fall/late 2021
- Phase 2 will be striped after roadway treatment in spring/summer 2022

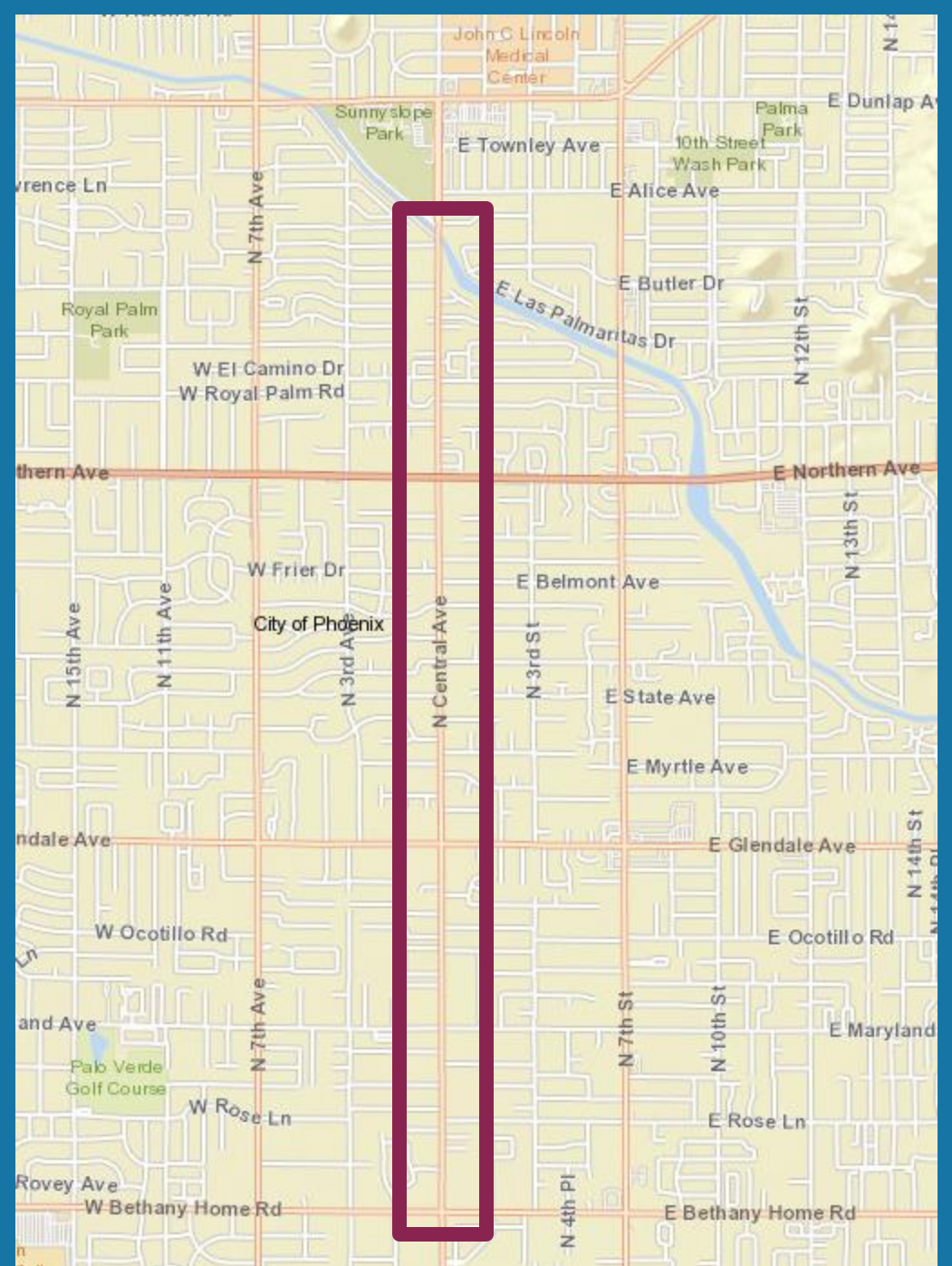
How did we get here?

- Transportation 2050
 - Accelerated Pavement Maintenance Program
 - Goal of 1,080 new miles of bicycle lanes
- Complete Streets Policy
- Active transportation network
- Community feedback

Central Avenue



Proposal Area

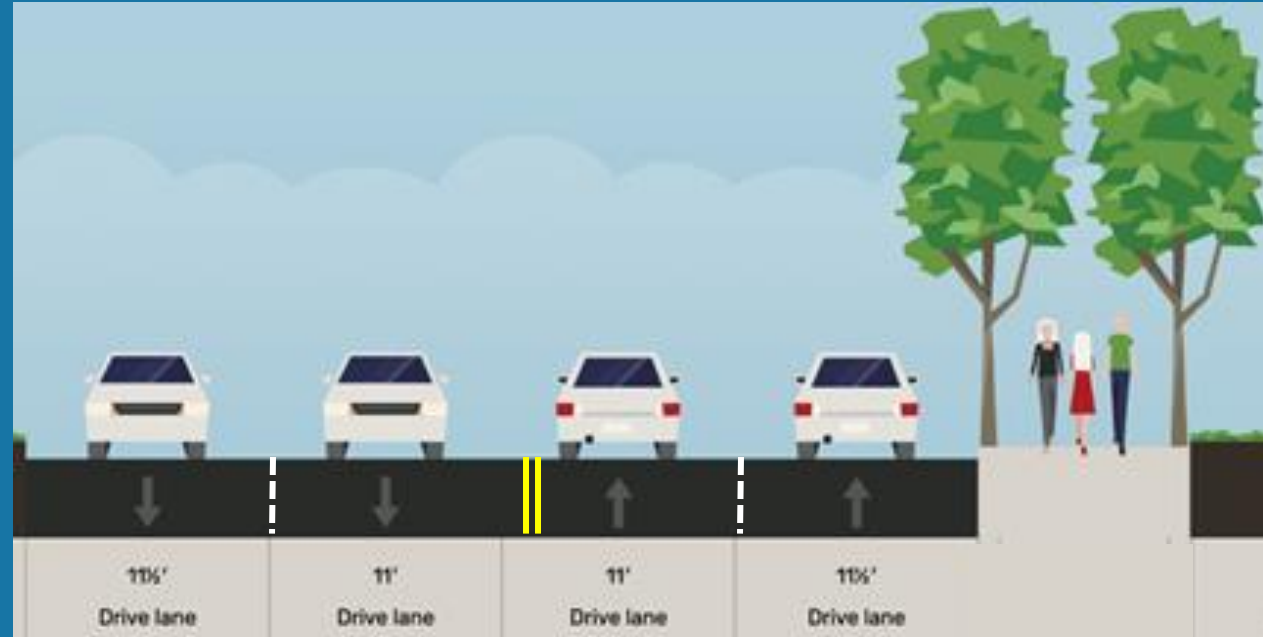


A photograph of a street scene on Central Avenue. The road is paved and has a double yellow line in the center. There are trees on both sides of the road, and a few cars are visible in the distance. On the right side, a group of people is walking on the sidewalk. The text "N Central Ave" is painted on the road surface. The overall scene is bright and sunny.

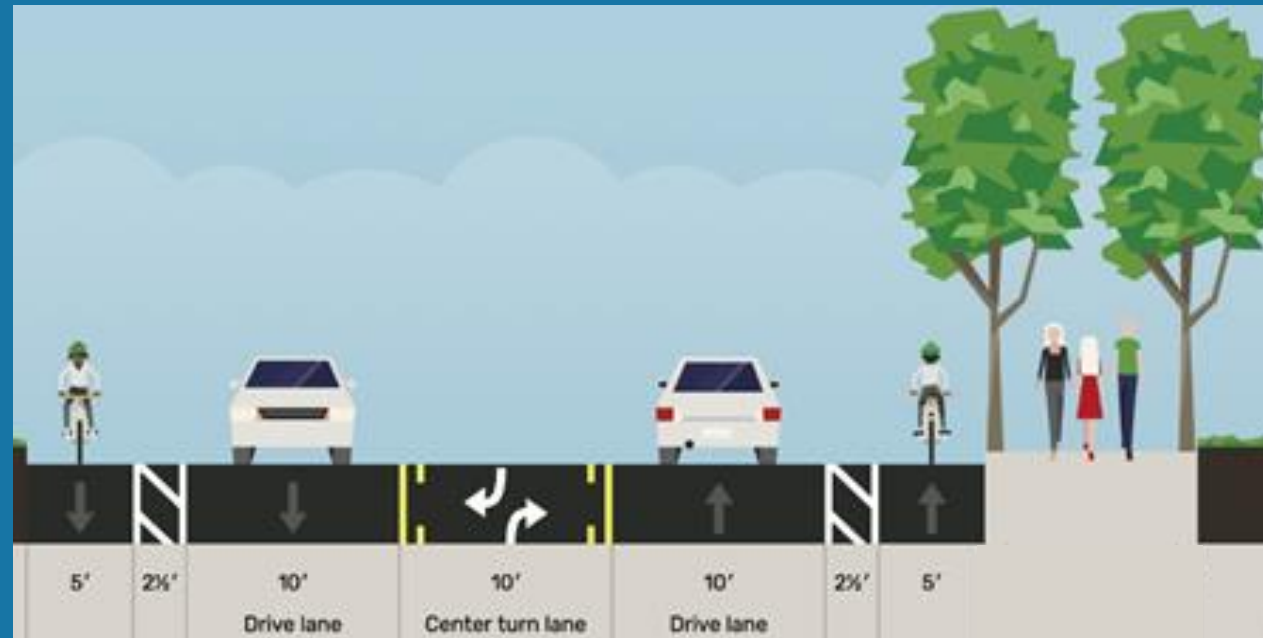
**What are your priorities
for Central Avenue?**

Central Avenue, Bethany Home Road to the Arizona Canal

EXISTING LANES

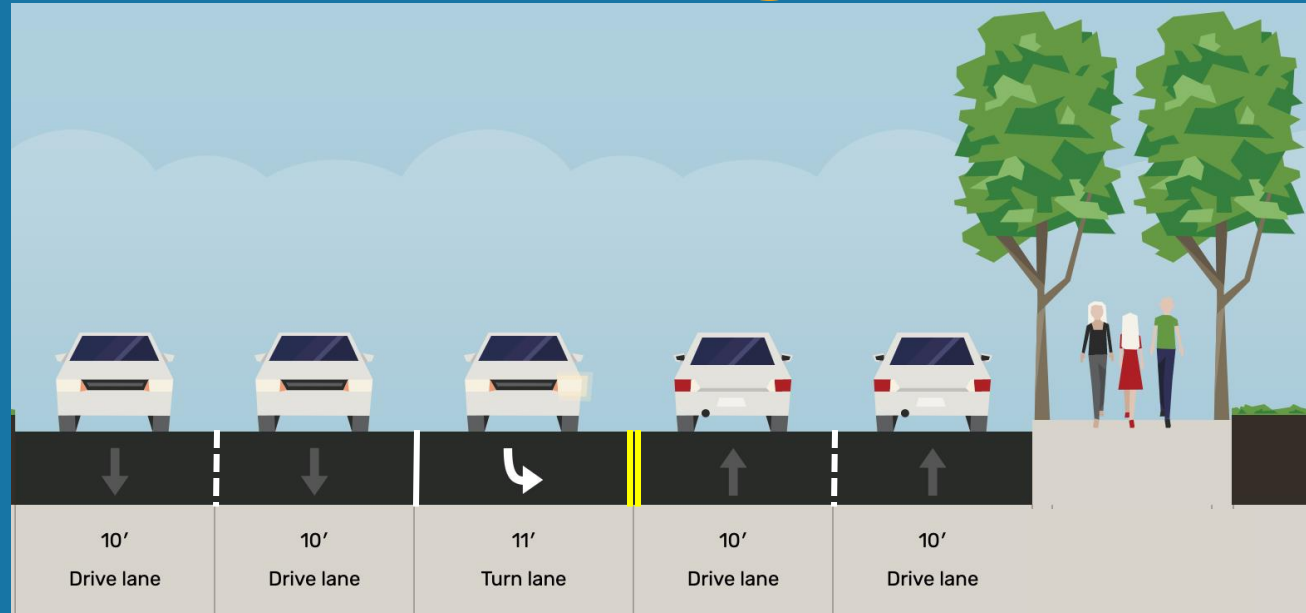


PROPOSED CHANGES

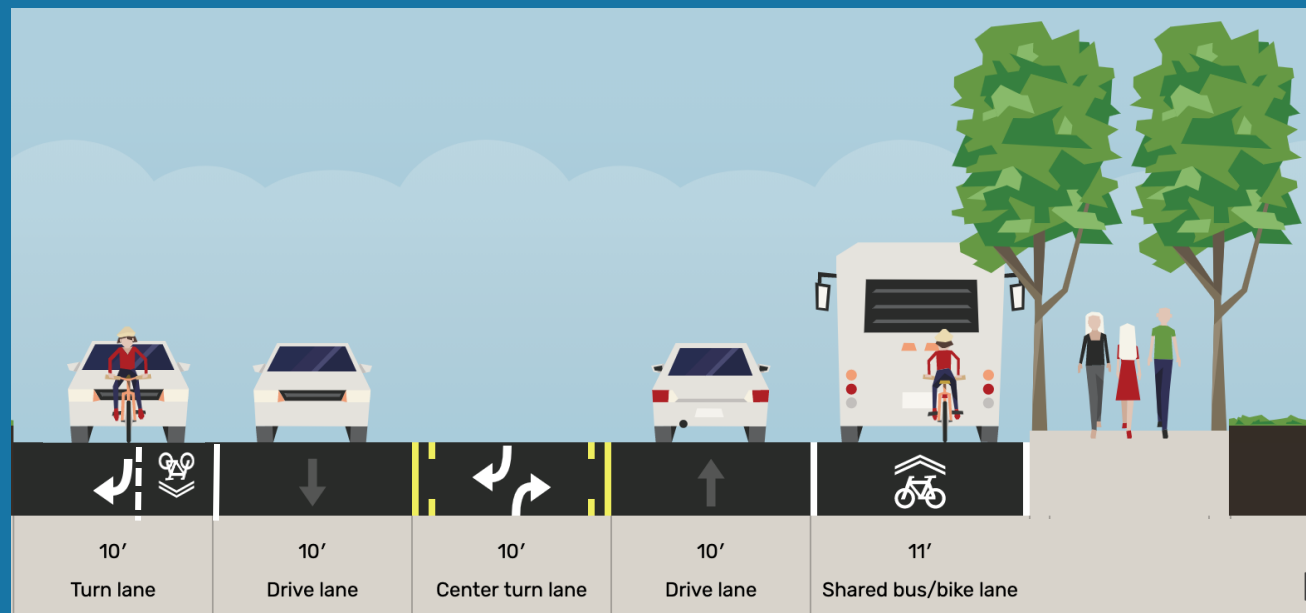


Central Avenue, Bethany Home Road to the Arizona Canal Intersections with Traffic Signals

EXISTING LANES



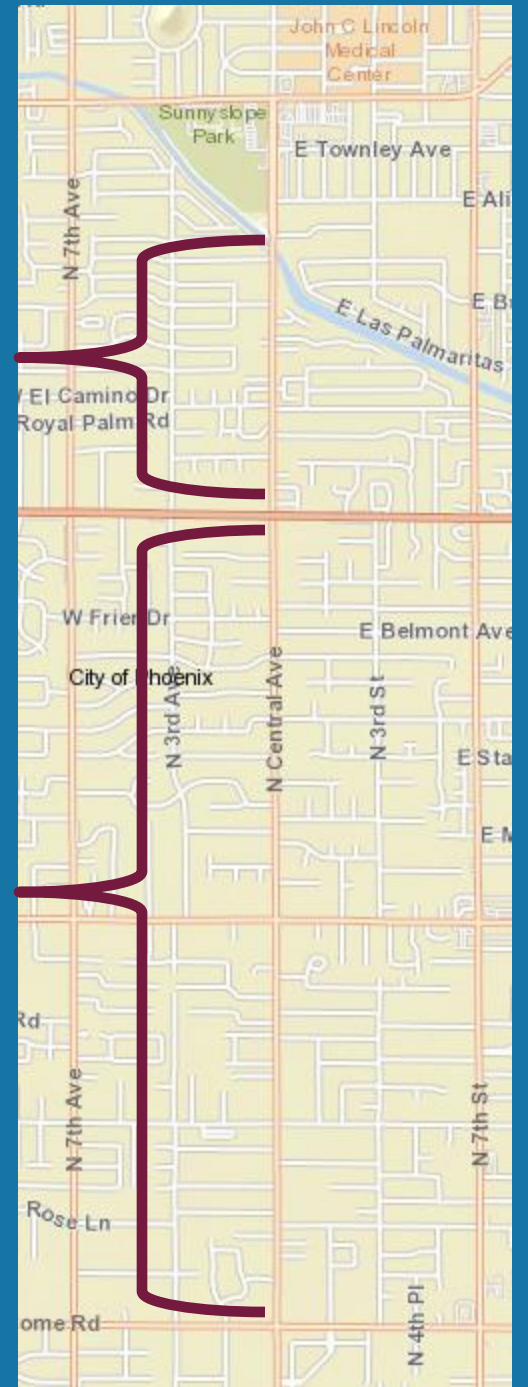
PROPOSED CHANGES



Proposal Phases

Phase 2: Spring 2022
Northern Avenue
to the Arizona Canal

Phase 1: Fall 2021
Bethany Home Road
to Northern Avenue



Why propose changes?

- Active transportation network
- Safety improvements
- Neighborhood requests
- Connections to canal path

Who are we designing for?

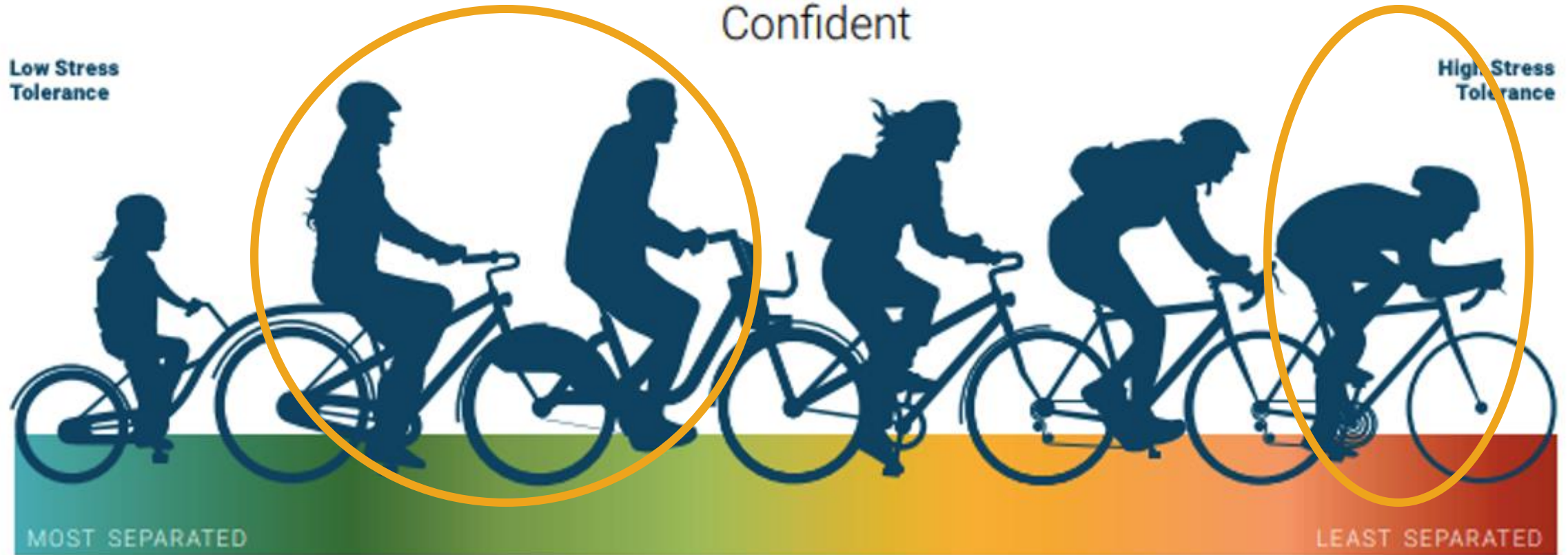
Interested
but Concerned

Casual &
Somewhat
Confident

Highly
Confident

Low Stress
Tolerance

High Stress
Tolerance



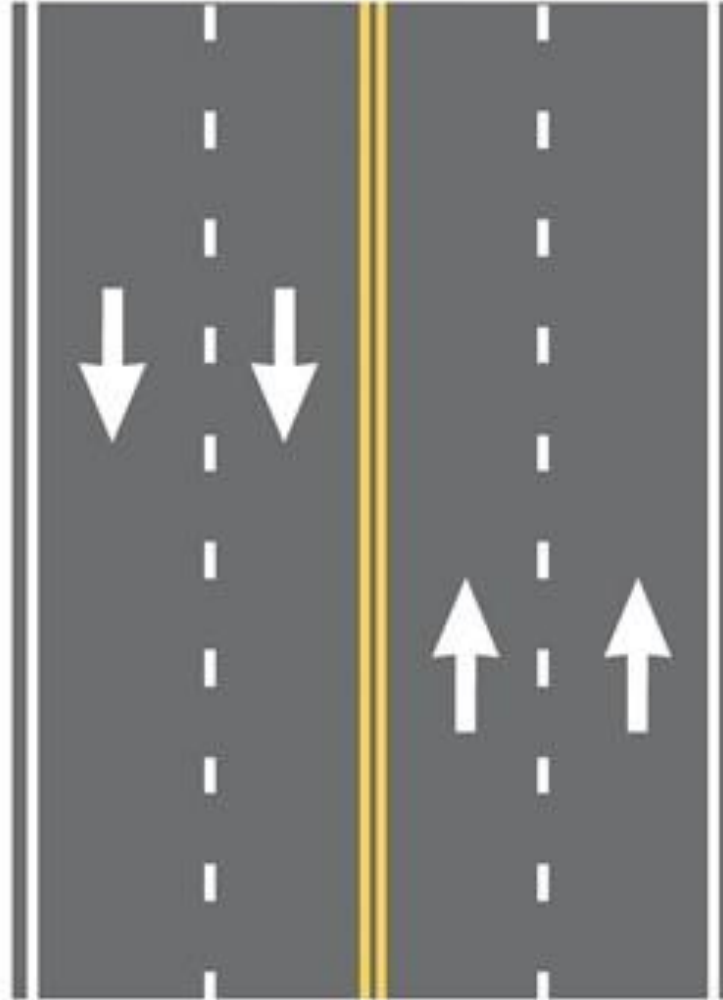
MOST SEPARATED

LEAST SEPARATED

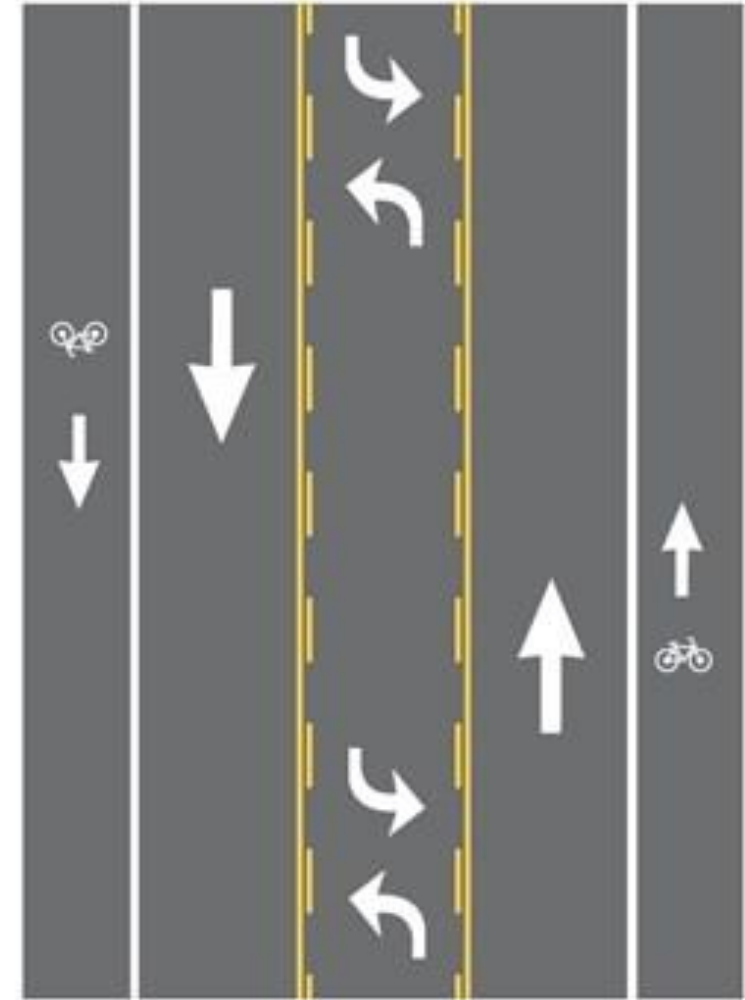
Safety

- 47% reduction in collisions
- Reduction in speeding
- Dedicated space for people bicycling and people turning left

BEFORE



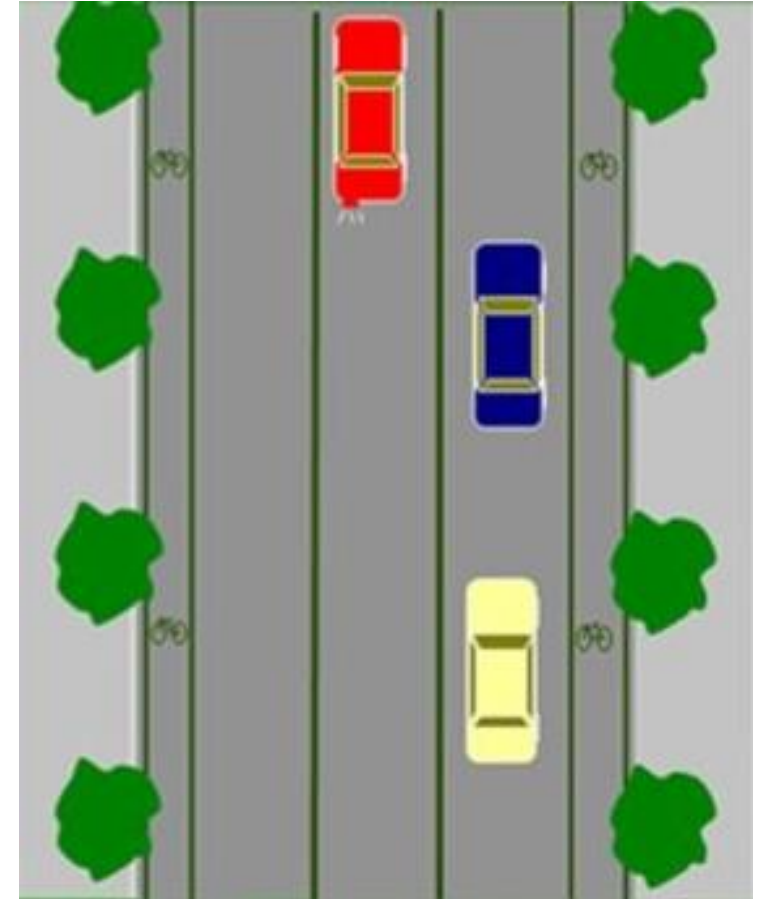
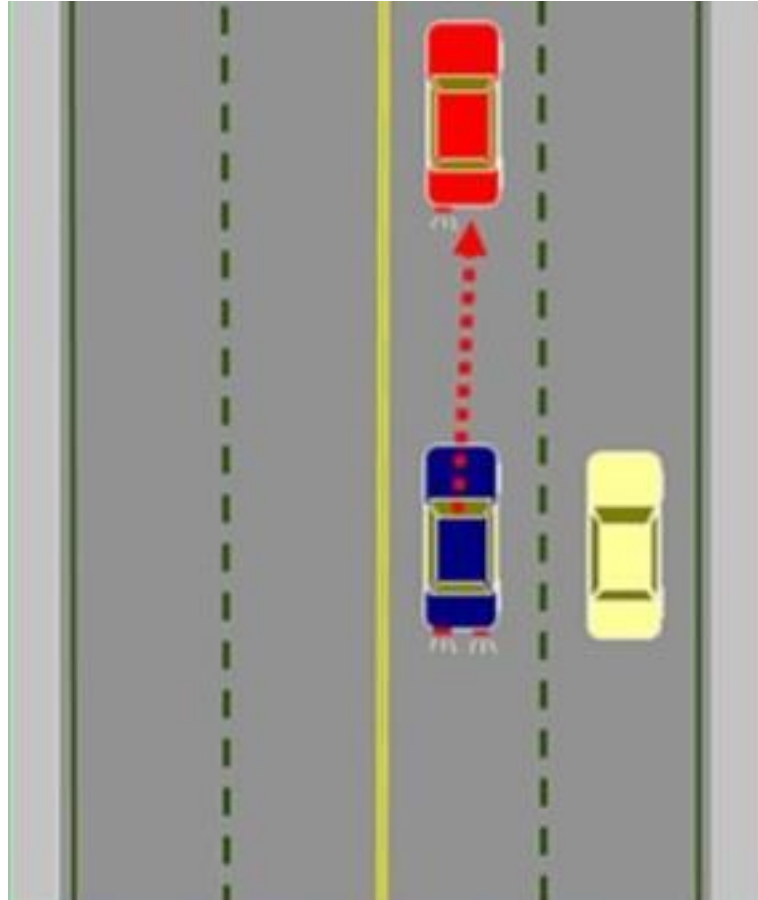
AFTER



#1: Rear End

Safety

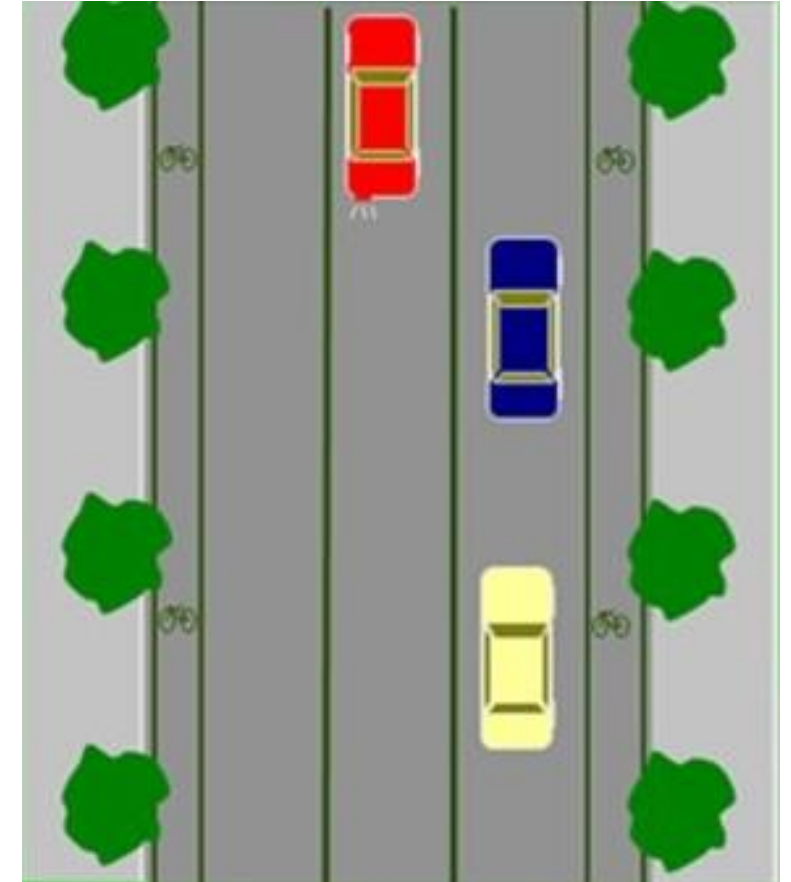
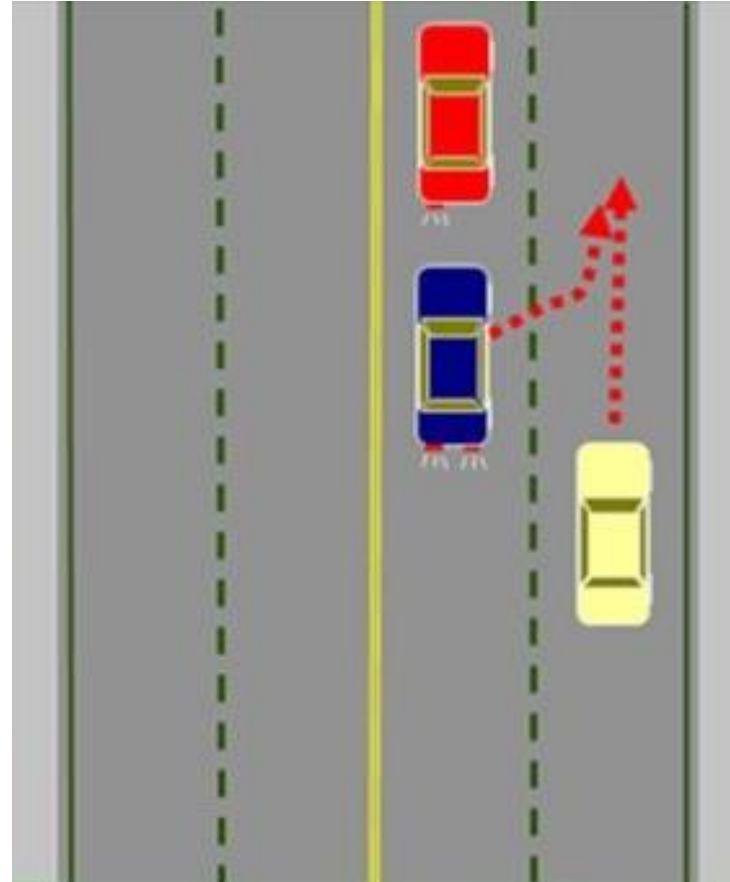
3 crash types can be reduced by going from 4 to 3 motor vehicle lanes



#2: Side Swipe

Safety

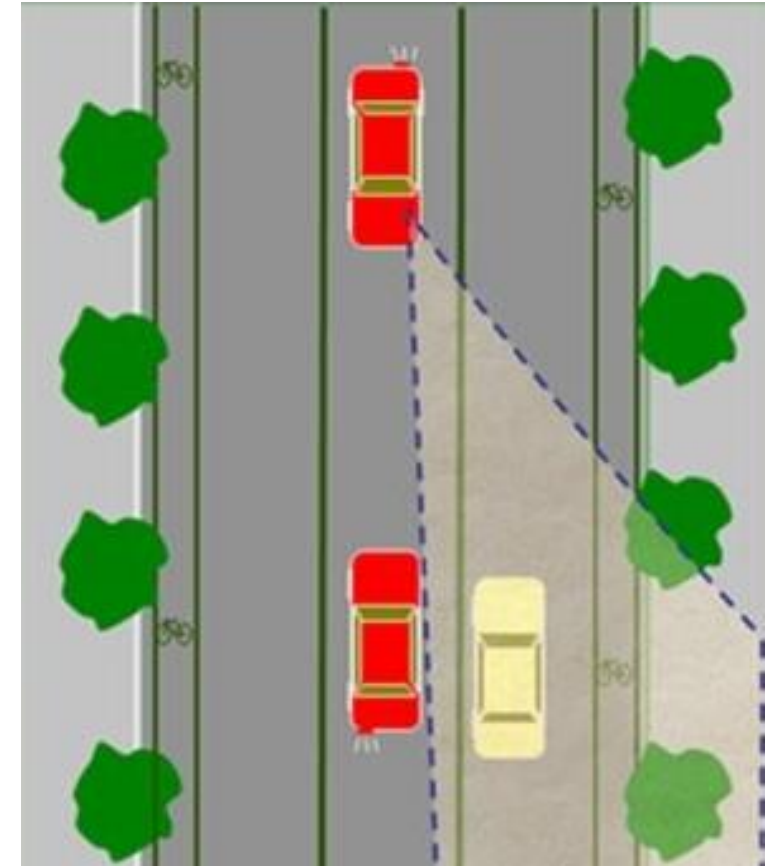
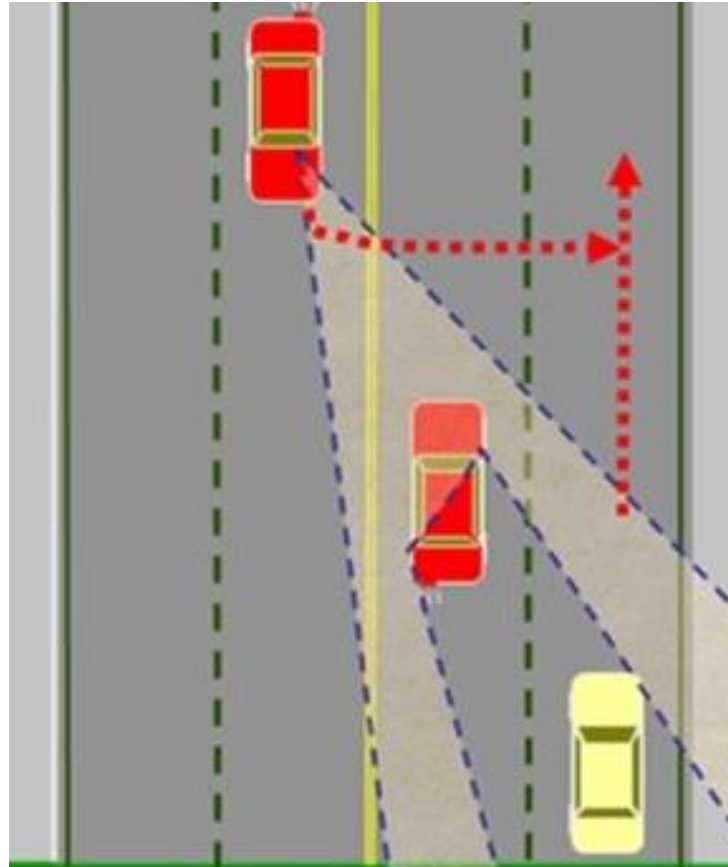
3 crash types can be reduced by going from 4 to 3 motor vehicle lanes



#3: Left Turn

Safety

3 crash types can be reduced by going from 4 to 3 motor vehicle lanes



Data Collection and Analysis

- Bethany Home Rd and Central Ave
- Maryland Ave and Central Ave
- Glendale Ave and Central Ave
- Northern Ave and Central Ave
- Dunlap Ave and Central Ave

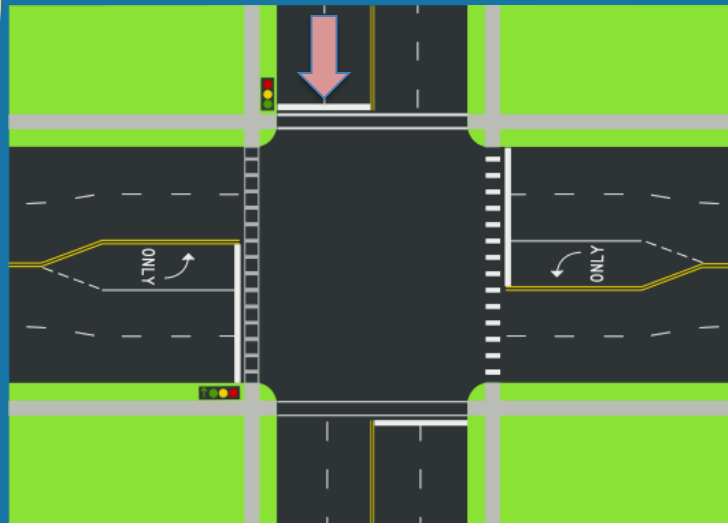
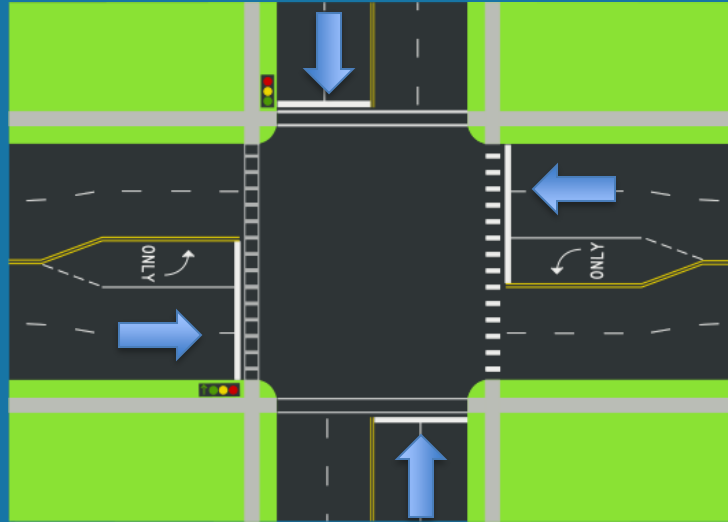
A traffic model analysis was performed with the data collected.

Traffic Model Predictions

Analysis Results AM Weekdays

Average delay at signals: 1-4 seconds

Southbound delay: 2-7 seconds



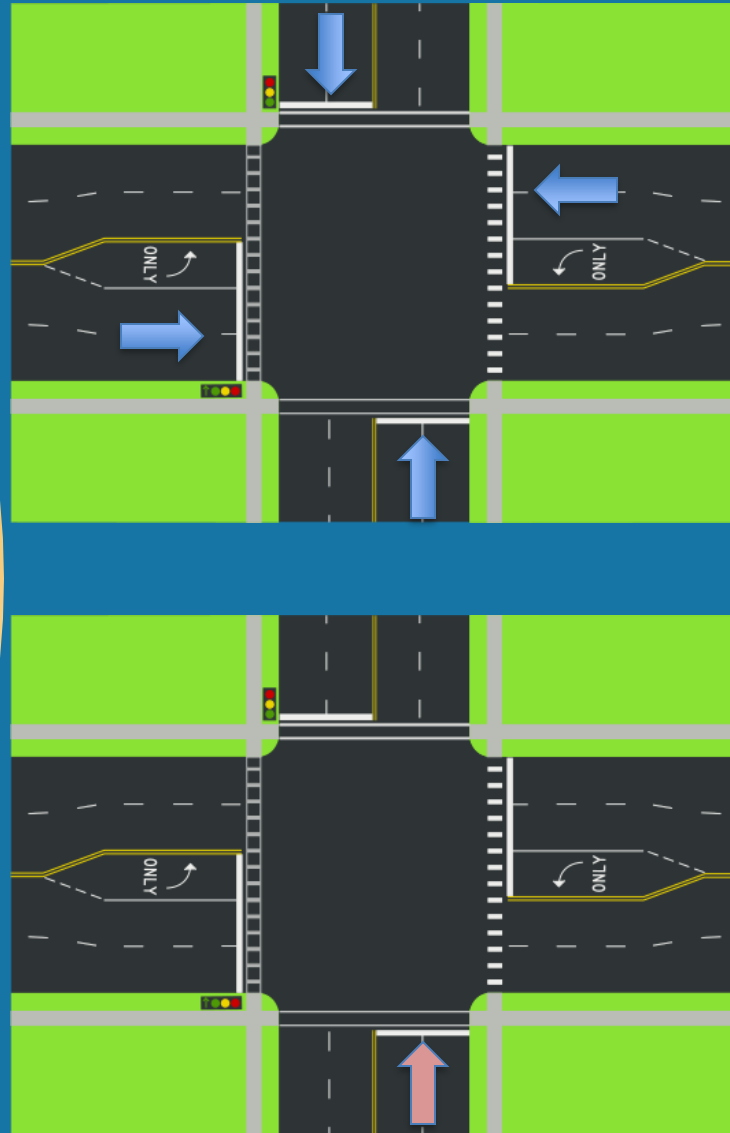
**Traffic
Model
Predictions**

Not accurate depictions of the travel lane striping modeled.

Analysis Results PM Weekdays

Average delay at signals: 1-8 seconds

Northbound delay: 2-35 seconds



**Traffic
Model
Predictions**

Not accurate depictions of the travel lane striping modeled.

Increased...

- + Space for turning left
- + Space for bicycling
- + Safety
- + Traffic delay at busy times
- + Traffic diversion at busy times

Decreased...

- Points of conflict
- Weaving around left-turning vehicles
- Delays behind left-turning vehicles
- Risk of collisions
- Cars driving over the speed limit

A photograph of a street scene with trees and a road sign. The text is overlaid on the image.

**Does the proposed design
meet your priorities for
Central Avenue?**

N Central Ave

Proposed Schedule

- Survey open through June 11
- Decision will be shared in fall of 2021
- Phase 1 will be striped after roadway treatment in fall/late 2021
- Phase 2 will be striped after roadway treatment in spring/summer 2022

Decision

- Website update
- Email notification
 - Meeting registration
 - Survey
 - Email agranillo@gciaz.com
 - Call 623-825-3444

Q & A

- Please keep your questions to **1-2 minutes**
- If you did not pre-register to ask a question live, please enter it in the chat box
- An FAQ will be available on the project webpage next week
- To provide comments to the project team, please take the survey

[Phoenix.gov/Streets/LaneChanges](https://phoenix.gov/streets/lanechanges)

Thank You!

Visit the project webpage to complete the survey by June 11 and for project updates:

[Phoenix.gov/Streets/LaneChanges](https://phoenix.gov/streets/lanechanges)

