

# Willow Wood Neighborhood Traffic Calming Concepts

July 28, 2020

**WILSON**  
& COMPANY

discipline | intensity | collaboration | shared ownership | solutions

## Introductions



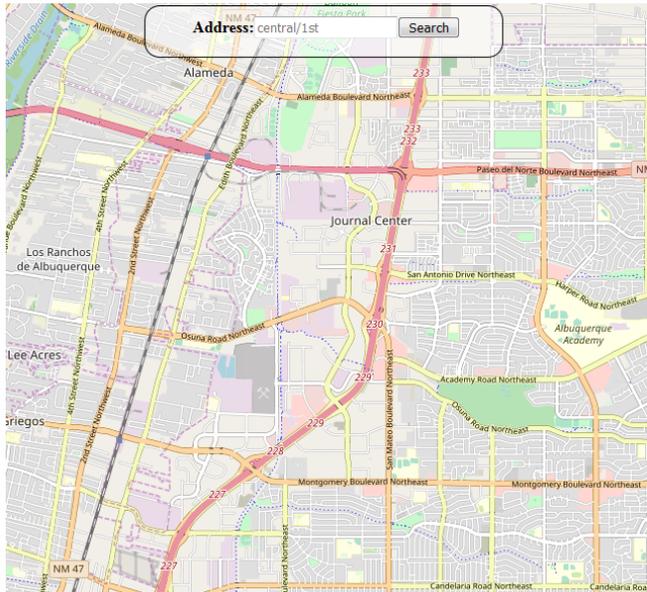
### City of Albuquerque

- City Councilor Don Harris
- Tim Brown, PE, PTOE – Traffic Engineering Manager
- Amanda Herrera, PE – NTMP Project Manager

### Wilson & Company

- Audra Gallegos, PE
- Ben Bachwitz

# Neighborhood Traffic Management Program (NTMP)



## NTMP Application

\* Primary Applicant:

\* Primary Applicant Contact:

\* Supporting Applicant:

\* Supporting Applicant Contact:

\* Supporting Applicant

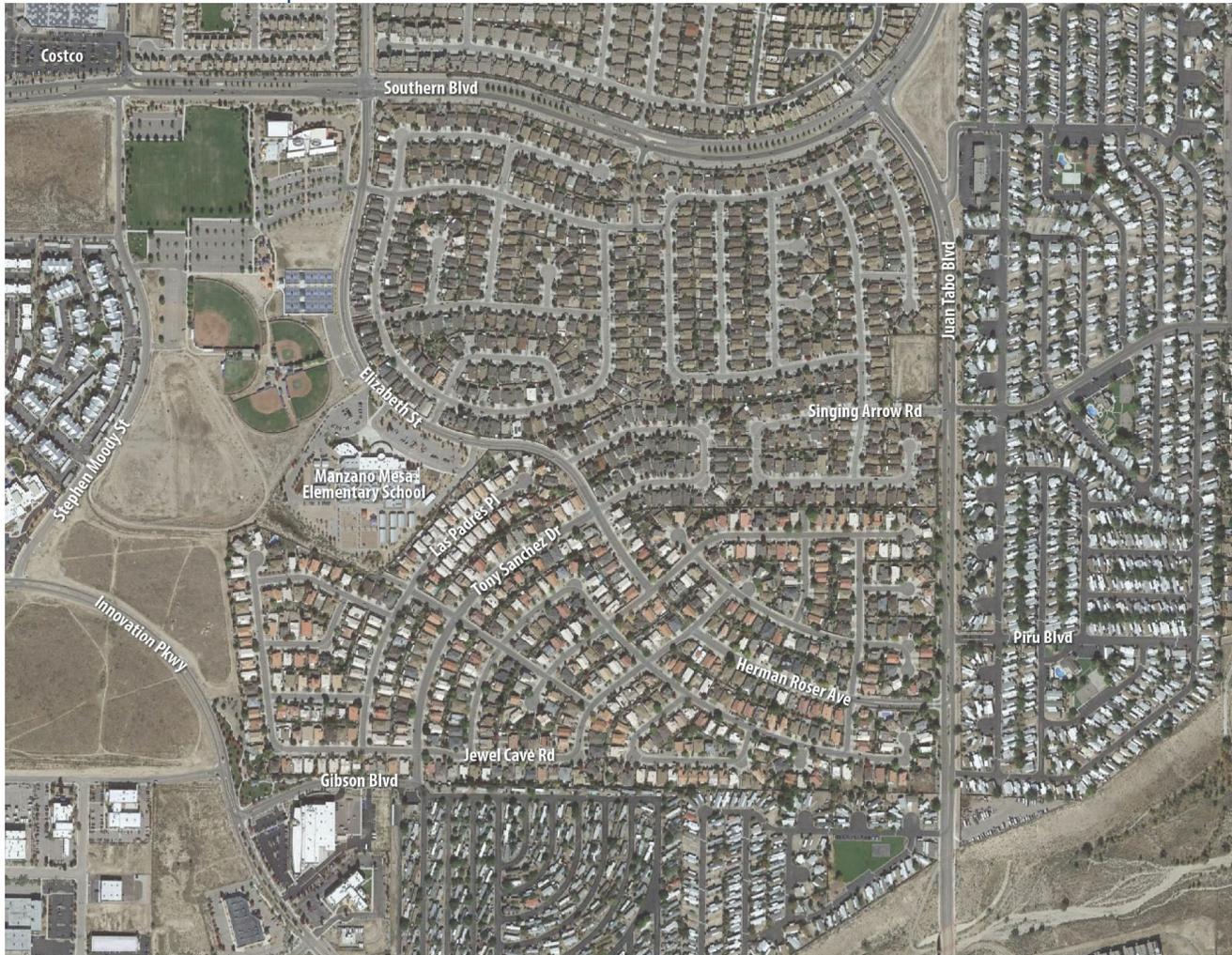
\* Supporting Applicant Contact:

\* Concerns  
(Safety, Speeding, Excess Traffic, Cut-Through  
Vehicle Registration, Parking, Noise)

- COA started program in February 2015
- Program designed for public involvement
- NTMP helps improve neighborhood traffic safety
- Evaluates neighborhood streets for safety issues, then recommends safety improvements
- Follows NTMP Policy Manual

# Existing Conditions

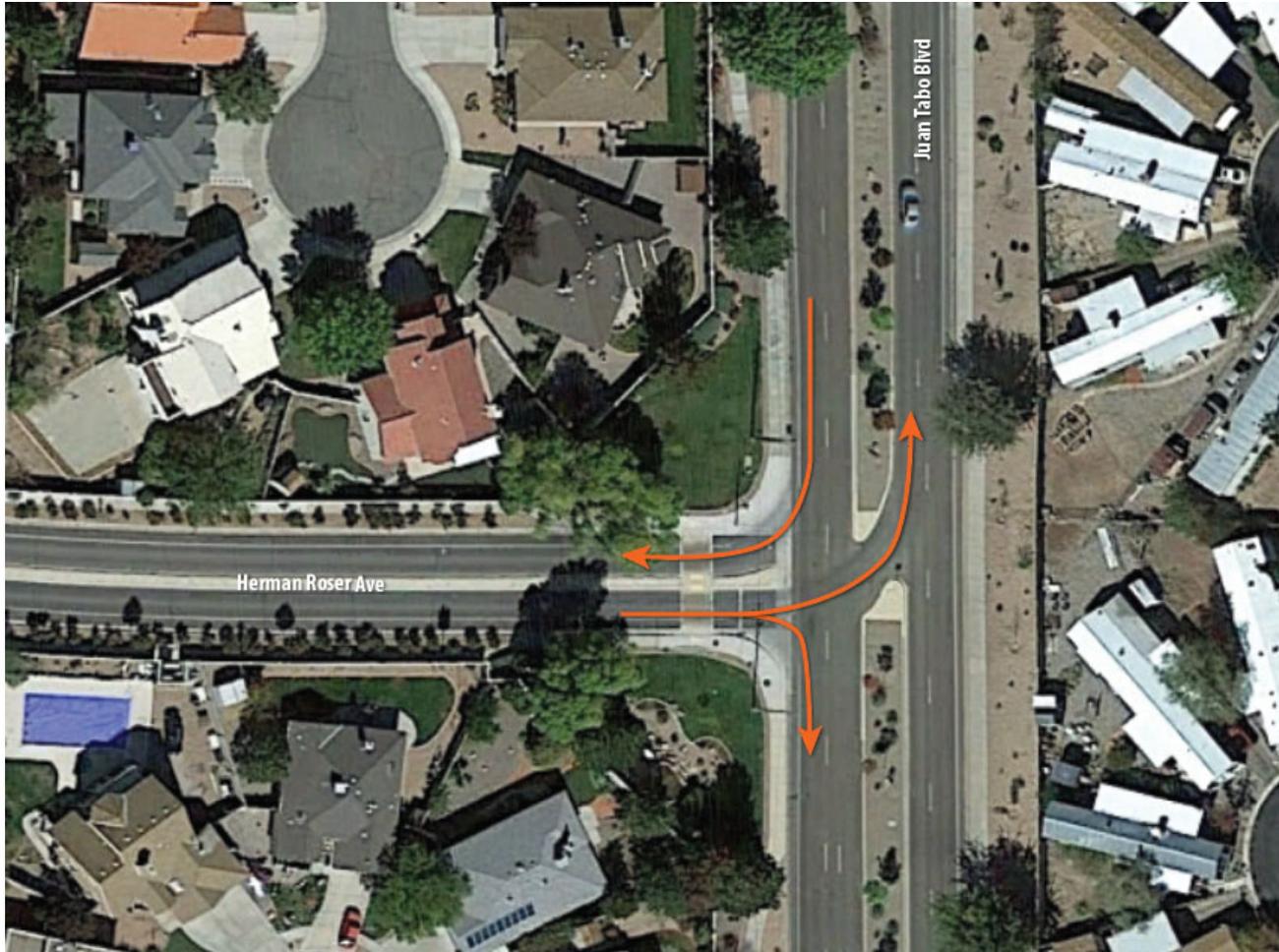
## Willow Wood Community



### Issues

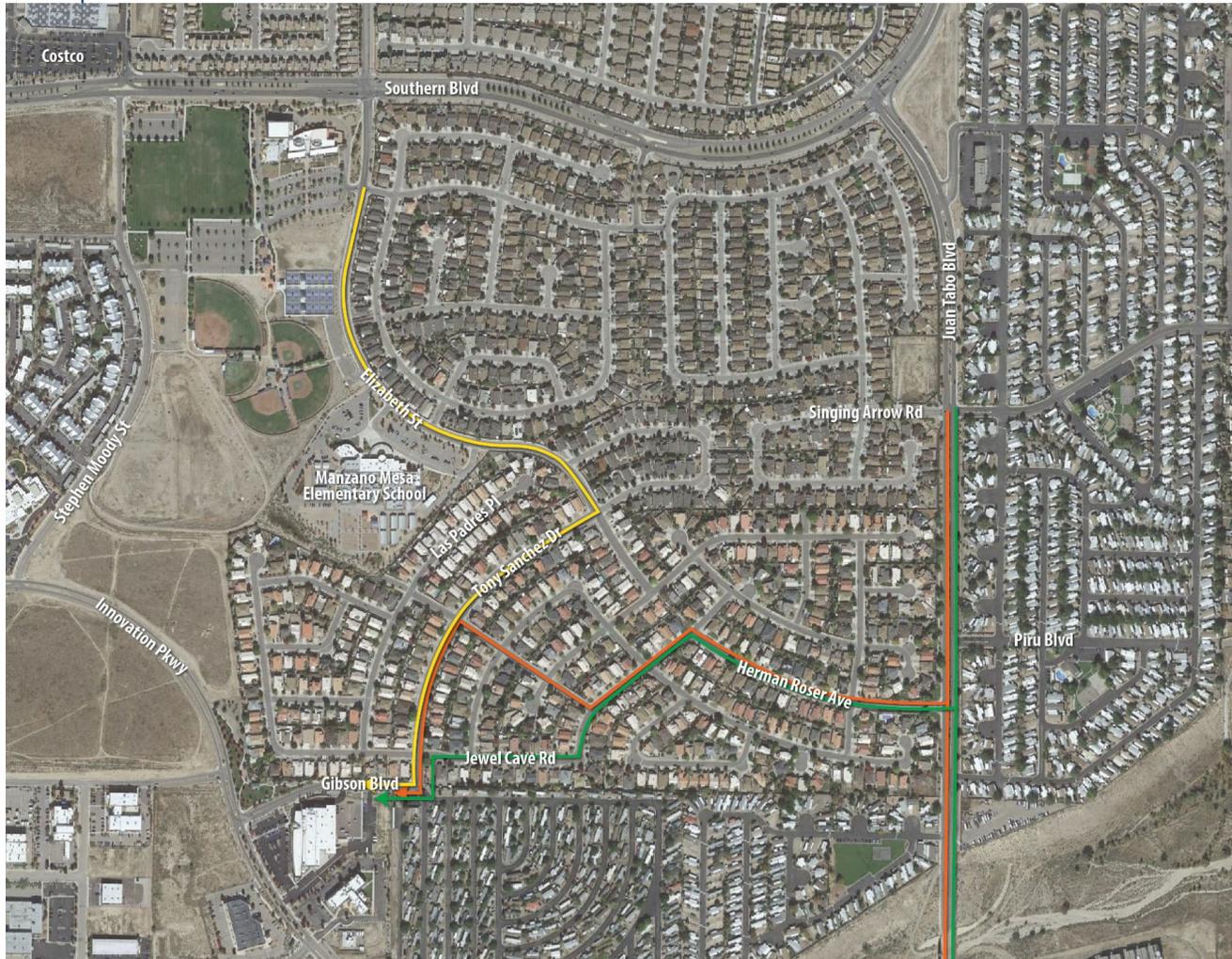
- Cut-through traffic
- Speeding on Tony Sanchez Drive

## Herman Roser Ave and Juan Tabo Blvd Intersection



- No left-in at Herman Roser Avenue

## Cut-Through Routes



## Emergency Routes



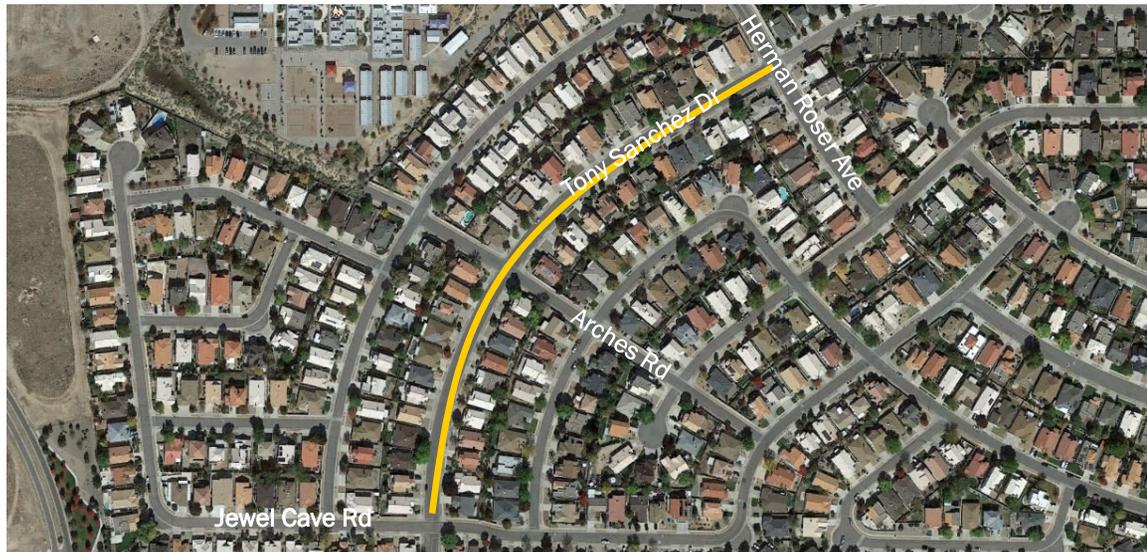
# Tony Sanchez Drive Speed Study

## NTMP Program

- Evaluation criteria:
  1. Reported crashes in the past three years that could be corrected with traffic calming
  2. Peak-hour traffic volume greater than 400 vehicles in one direction
  3. 25% of peak-hour traffic is “cut-through”
  4. 85th-percentile speed exceeds the posted speed limit by 5 mph or more
- ***Two or more*** of these criteria must be met to warrant traffic calming measures

## Speed Study

- Tony Sanchez Drive from Jewel Cave Road to Herman Roser Avenue
- Examined speed, volume, and crashes
- City studied cut-through traffic separately



## Speed Study Results

- Tony Sanchez Drive met the speed criteria north of Arches Road
  - “85<sup>th</sup>-percentile speed exceeds the posted speed limit by 5 mph or more”
- Street did not meet the NTMP criteria for volume or crashes
- Separate study did find significant volume of cut-through traffic

# Traffic Calming Concepts

## Gate Option

- Gate at Gibson Blvd. and Tony Sanchez Dr.
- Only residents with keycard can access gate



## Gate Option

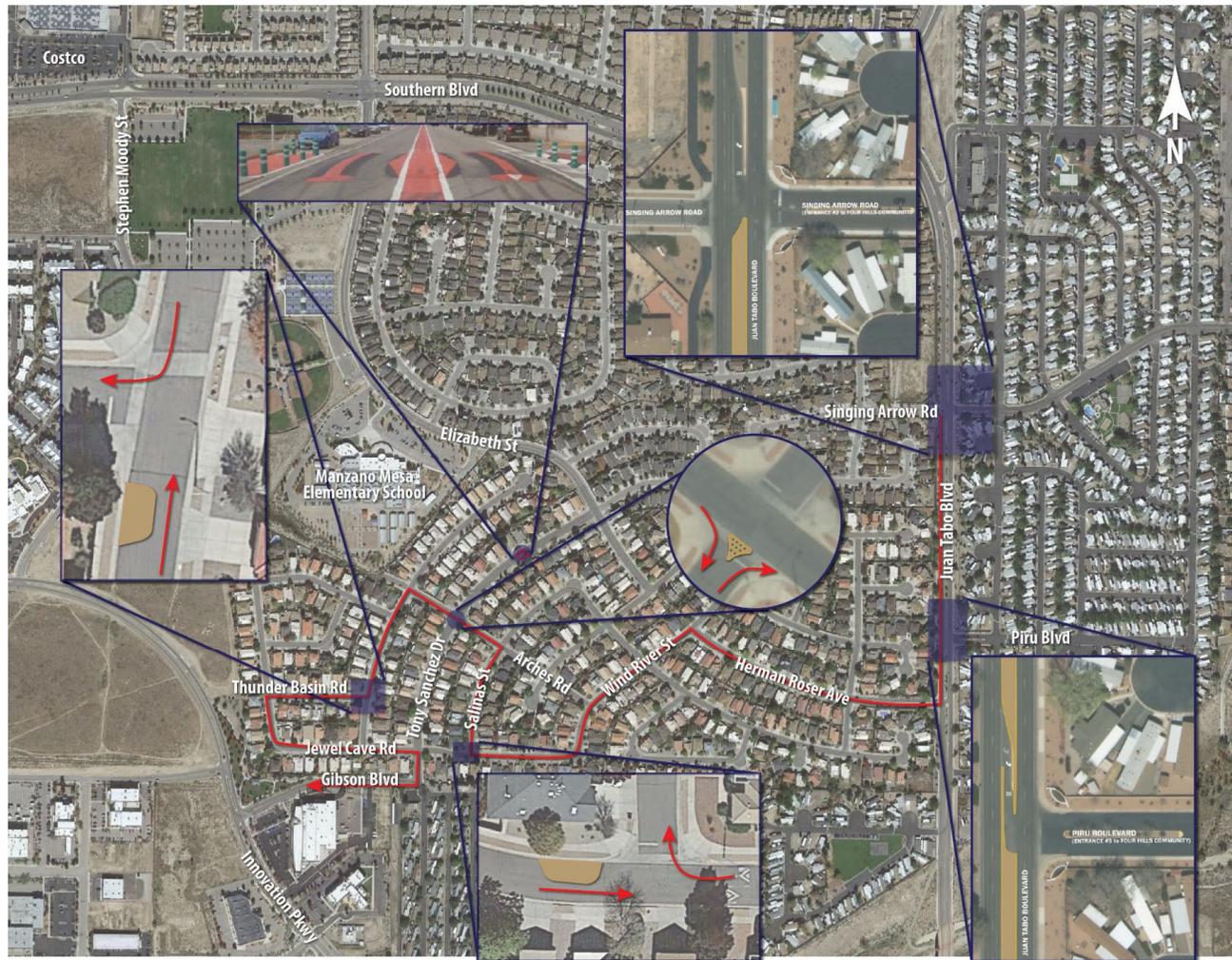
### Pros

- Eliminates cut-through traffic

### Cons

- Neighborhood would need to lead process to vacate right of way
- Neighborhood would be required to own, fund, operate and maintain gate
- May affect school bus routes
- Add more traffic at Southern Blvd. and Juan Tabo Blvd. intersection
- Expensive

# NTMP Options



## NTMP Options Median Extension

- Extension of median to discourage left turns or U-turns
- Proposed at:
  - Juan Tabo Blvd. and Singing Arrow Rd.
  - Juan Tabo Blvd. and Piru Blvd.



## NTMP Options Median Extension

### Pros

- Discourages U-turns to access Herman Roser Ave.
- City will build and maintain

### Cons

- Eliminates full access to Singing Arrow Rd. and Piru Blvd.
- Add more traffic at Southern Blvd. and Juan Tabo Blvd. intersection
- Moderate cost

## NTMP Option Half Closure/Bulb-out



- An extension of the curb that blocks traffic in one direction at entrance to street
- Proposed at:
  - Los Padres St. and Thunder Basin Rd. (blocking SB traffic)
  - Salinas St. and Jewel Cave Rd. (blocking WB traffic)

## NTMP Options

### Half Closure/Bulb-out

### Pros

- Discourages cut-through traffic
- City will build and maintain

### Cons

- May inconvenience residents
- Moderate cost
- Reduces on-street parking to adjacent homes
- May inhibit emergency vehicles

## NTMP Option Porkchop



- Median that permits right-in/right-out access to a street
- Proposed at:
  - Tony Sanchez Dr. just south of Arches Rd.

## NTMP Options Porkchop

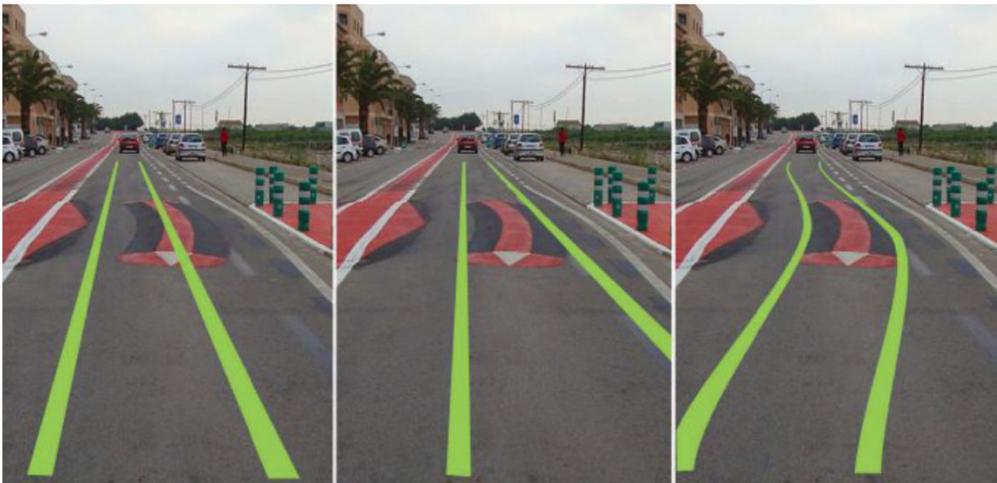
### Pros

- Discourages cut-through traffic
- City will build and maintain

### Cons

- May inconvenience residents
- Moderate cost
- May inhibit emergency vehicles

## NTMP Option Speed Kidney



- Modified speed bump/cushion that calms traffic by forcing them to slow or divert slightly
- Proposed at:
  - Tony Sanchez Dr. between Arches Rd. and Elizabeth St.

## NTMP Options Speed Kidney

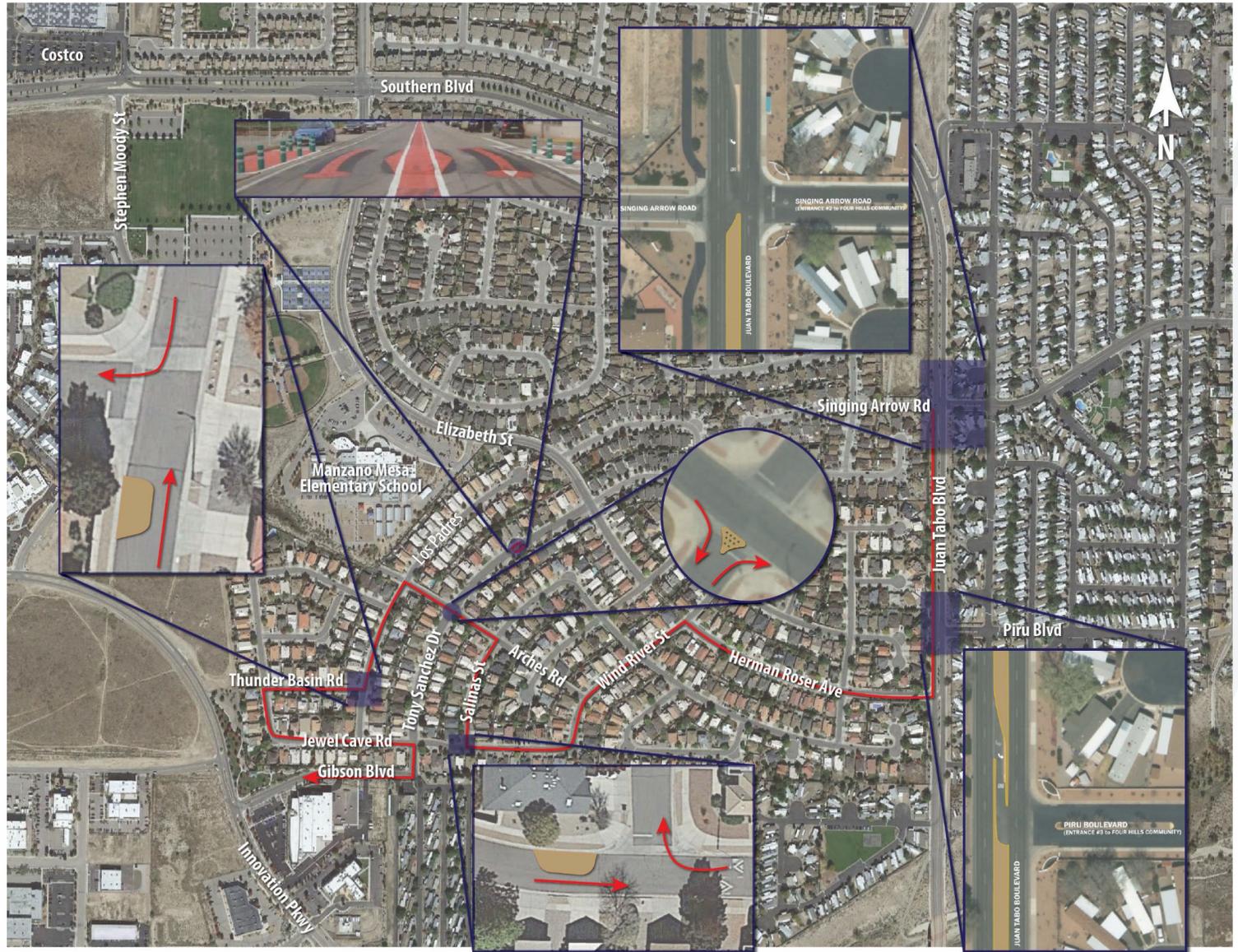
### Pros

- City will build and maintain
- Reduces speeds
- Does not inhibit emergency vehicles
- Less expensive than curb extensions or medians
- Does not fully block movements in any direction

### Cons

- May inconvenience residents
- Reduces on-street parking to adjacent homes

Willow Wood Neighborhood  
Traffic Calming Concepts



# Juan Tabo Connectivity Study

## Juan Tabo Connectivity Study

- Study alternate route for the community
- In addition to NTMP traffic calming

Questions?

## Questions/Comments

- Email to [NTMP@cabq.gov](mailto:NTMP@cabq.gov)
- Deadline for comments August 11, 2020
- Survey after presentation

Thank you!