



# ARROYO DE LOS CHAMISOS CROSSING

*Public Information Meeting*



CITY OF  
**Santa Fe**

*March 31, 2022*



**Bohannon** ▲ **Huston**

# VIRTUAL MEETING PROTOCOL

- Please stay muted with cameras off
- Following the presentation there will be Q & A session
- Meeting will be recorded and shared on project website
  - [Arroyo Chamiso Crossing | City of Santa Fe, New Mexico \(santafenm.gov\)](https://www.santafenm.gov)



# PROJECT TEAM INTRODUCTIONS

## → City of Santa Fe

- Regina Wheeler, Public Works Director
- Leroy Pacheco, PE, Project Manager

## → WSP

- Jim Heimann, PE

## → Bohannon Huston

- Albert Thomas, PE
- Denise Aten, AICP



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# PUBLIC INVITATIONS

## Arroyo de los Chamisos Crossing Public Meeting #2

The Project Team will share two alternatives to enhance access and connectivity across the Arroyo de los Chamisos within the study area.

**Please join us! We look forward to your input!**

You can use the QR code below to register for the meeting.



### **PUBLIC INFORMATION MEETING**

#### **VIRTUAL MEETING**

Register here to receive the Zoom Link to join the virtual meeting.

<https://project.bhinc.com/ADLCPublicMeeting>

March 31, 2022

6:00 to 7:30 PM

The City of Santa Fe invites you to a public information meeting for the Arroyo de los Chamisos Crossing Study - Phase B



Project Study Area

the City of Santa Fe is conducting a virtual public meeting to share results of the Arroyo de los Chamisos Crossing Study - Phase B (CD193768). The purpose and need for the proposed improvements is to enhance access and connectivity across Arroyo de los Chamisos within the project study area.

The meeting will be focused on sharing two improvement alternatives for crossing the arroyo including the results of the detailed analysis completed during Phase B. Additional information on the project is available here:

[https://www.santafecolorado.gov/arroyo\\_chamiso\\_crossing](https://www.santafecolorado.gov/arroyo_chamiso_crossing)

There will be an opportunity at the meeting to ask questions and provide comments. Additional questions or comments can be mailed to Denise Aten at 7500 Jefferson St NE, Albuquerque, NM 87109, phoned to (505)980-6065, or emailed to daten@bhinc.com.

To request Americans with Disabilities Act (ADA)-related accommodations or other technical support for the meeting contact Denise Aten at daten@bhinc.com or (505)980-6065.

- Over 700 postcards mailed to adjacent properties (ENN, Stakeholders, previous meeting attendees, and HOA's)
- Numerous flyer postings in area
- Emailed to previous meeting attendees, Stakeholders, HOA's, community organizations, and City leaders
- Posted on City of Santa Fe and Santa Fe MPO websites
- Posted on social media (Nextdoor)
- Posted on Facebook
- Articles in the local newspapers



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# AGENDA

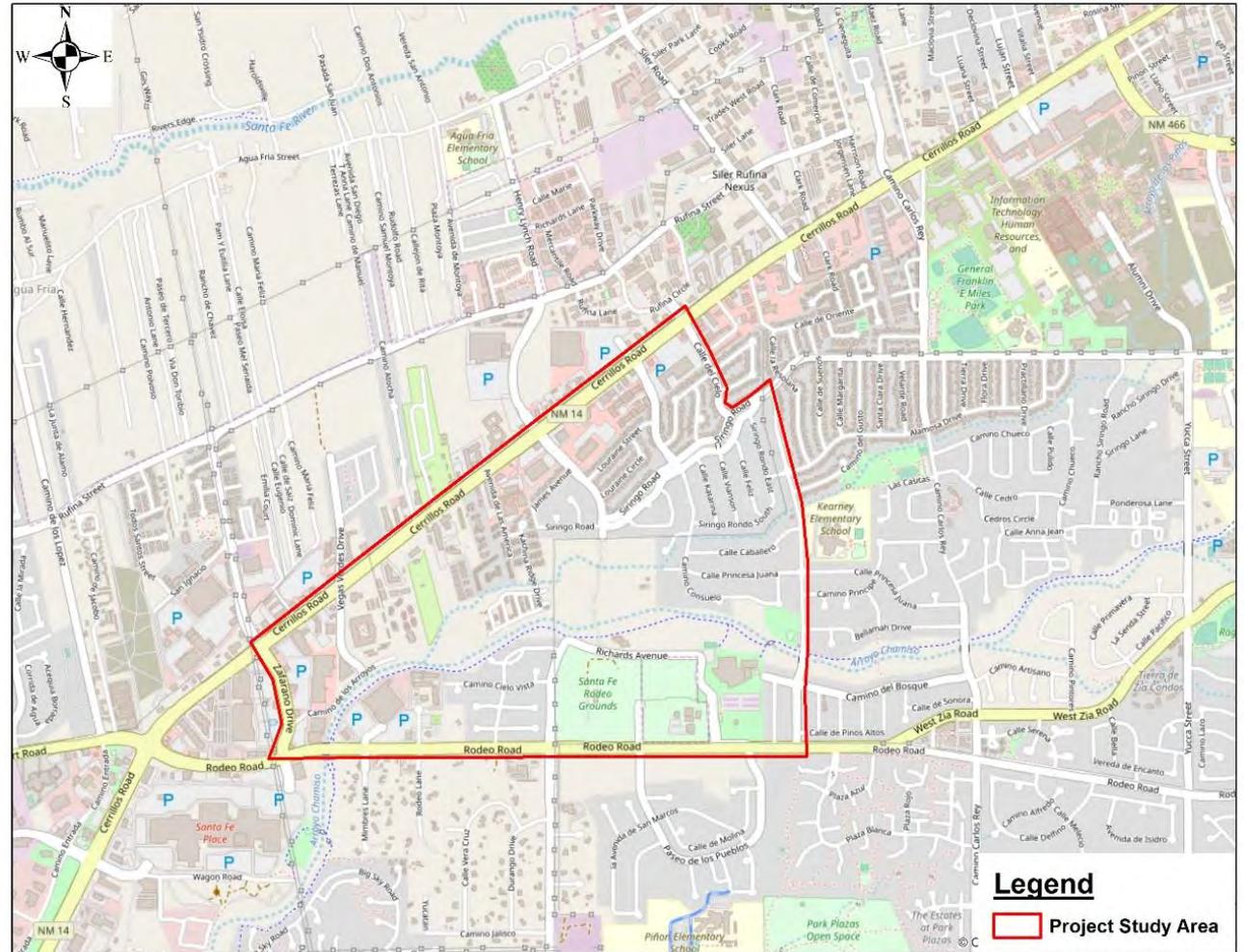
- Project Process and Study Overview
- Phase B Study
  - Description of Alternatives
  - Engineering Factors
- Phase B Recommendations
- Next Steps
- Public Input



# PROJECT STUDY AREA

Bound by:

- Rodeo Road
- Cerrillos Road
- Zafarano Road
- Avenida de Las Campanas



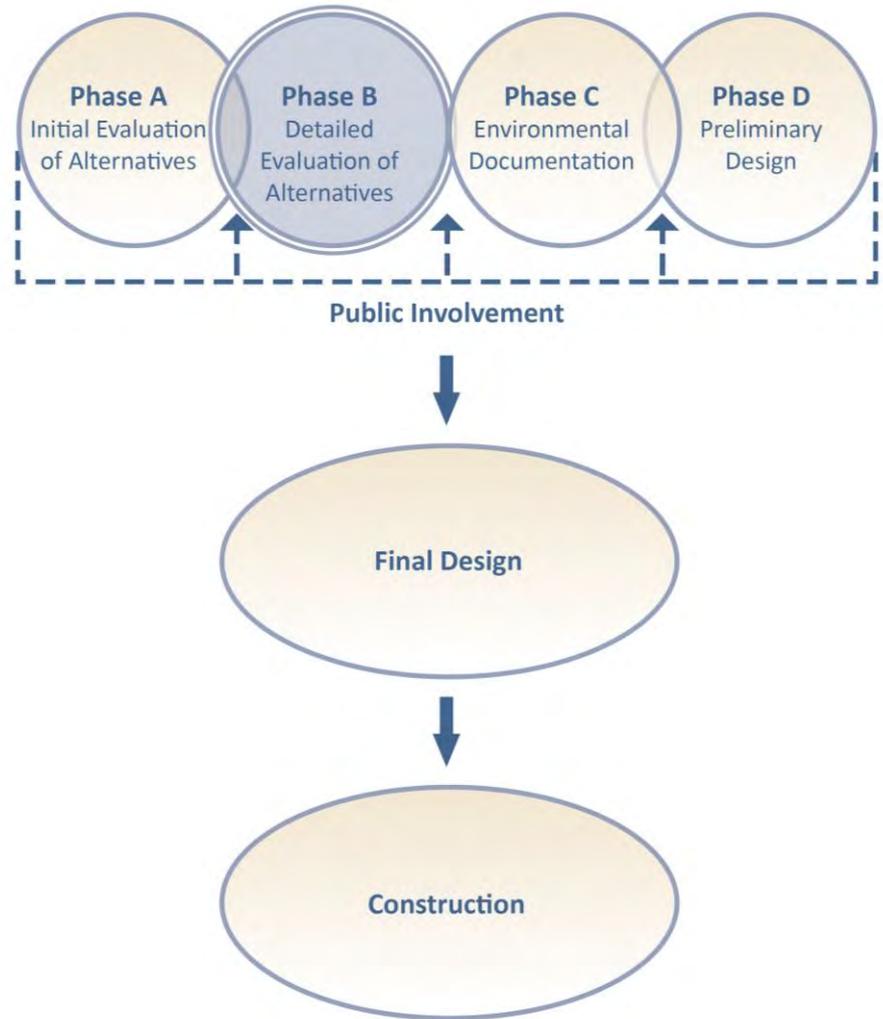
# NMDOT LOCATION STUDY PROCEDURES Tribal and Local Public Agency Project (T/LPA)

## Phase A

- *Public Meeting #1*
  - *March 2020*

## Phase B

- *Public Meeting #2*
  - *March 2022*



# PROJECT PURPOSE AND NEED

## The purpose...

- Enhance the transportation system within Santa Fe

## The need...

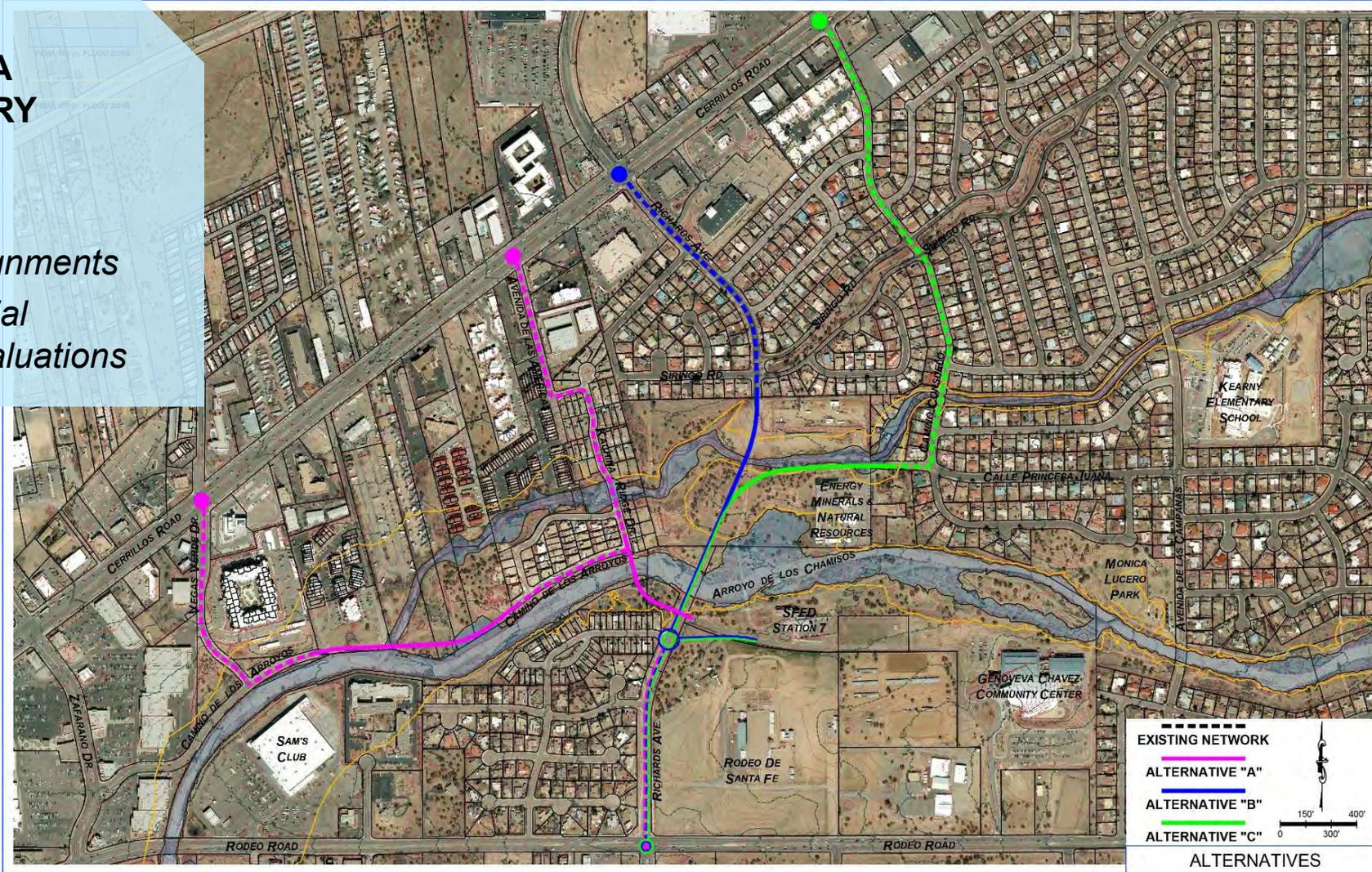
- Improve regional connectivity and balance travel and overall impacts on local roads



# PHASE A SUMMARY

## Phase A

- *Alignments*
- *Initial Evaluations*

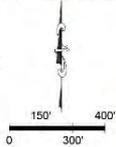




# PHASE B

- **Alignment B**
- **Detailed Evaluations**

- - - - - EXISTING NETWORK  
————— PROPOSED CONNECTION



ALTERNATIVE "B"

## PHASE B STUDY

- Evaluate traffic performance, engineering factors, and ROW requirements for the alternatives
- Estimate the cost to implement the project and identify funding
- Summarize findings and recommendations for City consideration



# DESCRIPTION OF ALTERNATIVES

*Phase B Evaluation of “Alignment B” from Phase A*



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# EVALUATED ALTERNATIVES

- No Build Alternative
- Two Build Alternatives  
(Alignment B)
  - Alternative 1
  - Alternative 2



# EVALUATED ALTERNATIVES

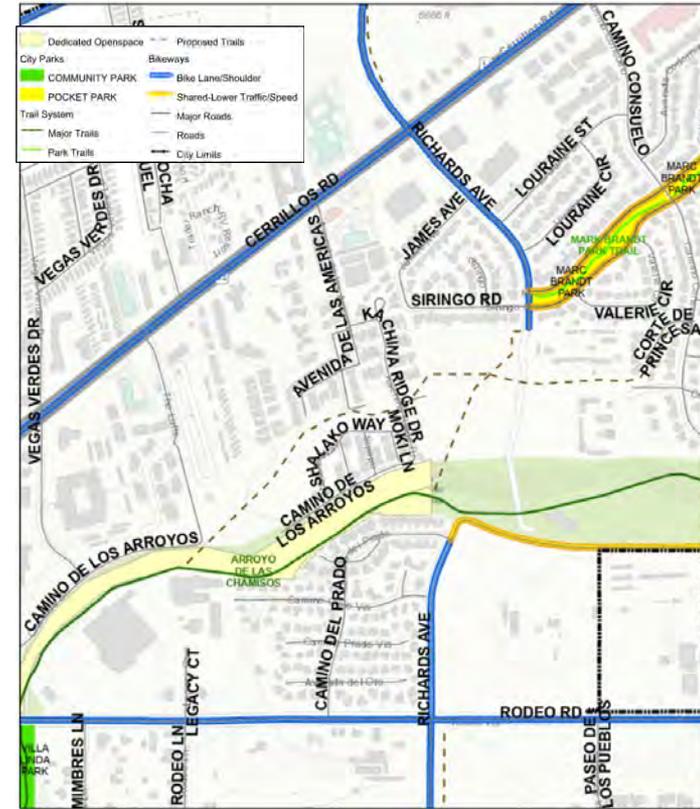
## → No-Build Alternative

- Consists of the existing street segments, sidewalks, all appurtenances, and no extension across the arroyos.
- No improvements, just continued maintenance.



# BUILD ALTERNATIVES

- Sidewalks and Multi-use Trail Improvements
- On-Street Bike Lanes
- One travel lane in each direction
  - Median for left-turns
- Passenger Cars, Delivery Trucks, Buses
  - Truck Prohibitions – exist today
- Low Speed (Posted Speed 25-30 mph)



# BUILD ALTERNATIVES

- Intersection Improvements
- Bridges vs. Concrete Box Culverts (CBC) for arroyos
- Drainage Improvements
  - Arroyos
  - Street/Bridge drainage





# NORTH VIEW



Bohannon  Houston



City Project #19-0127

# NORTHEAST VIEW



Bohannon  Houston



# EAST VIEW



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# SOUTH VIEW



Bohannon Huston



# NORTHWEST VIEW



Bohannon  Houston

## BUILD ALTERNATIVES – THREE SEGMENTS

### → Middle Segment

- Camino del Prado to Siringo Road

### → North Segment

- Siringo Road to Cerrillos Road

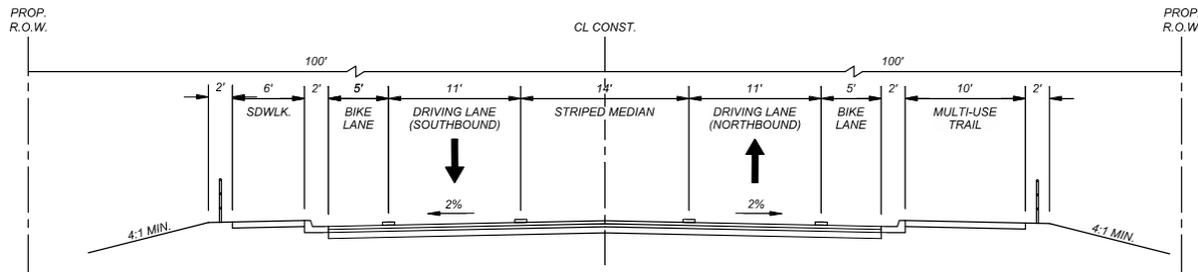
### → South Segment

- Rodeo Road to Camino del Prado

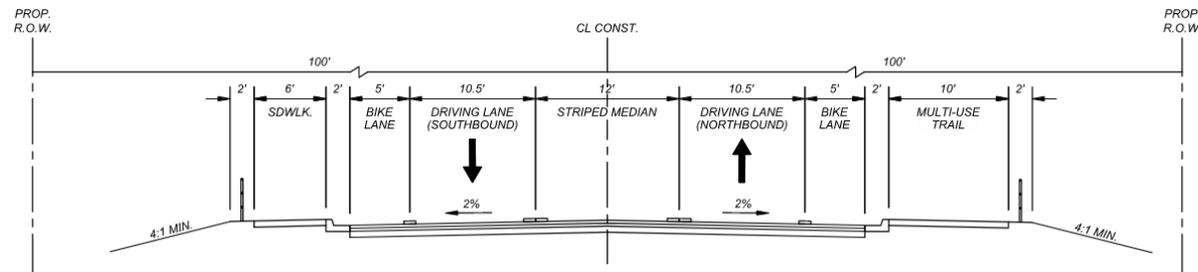


## MIDDLE SEGMENT

- Build Alt 1 has slightly wider lanes and median than Build Alt 2
- Lane widths can be refined for preferred alternative
- Same lane configuration



Build Alternative 1



Build Alternative 2



# MIDDLE SEGMENT

- Build Alternative 1
- 3-span bridge over Arroyo Chamisos
  - 1-span bridge over Arroyo Pinos



Arroyo de los Chamisos



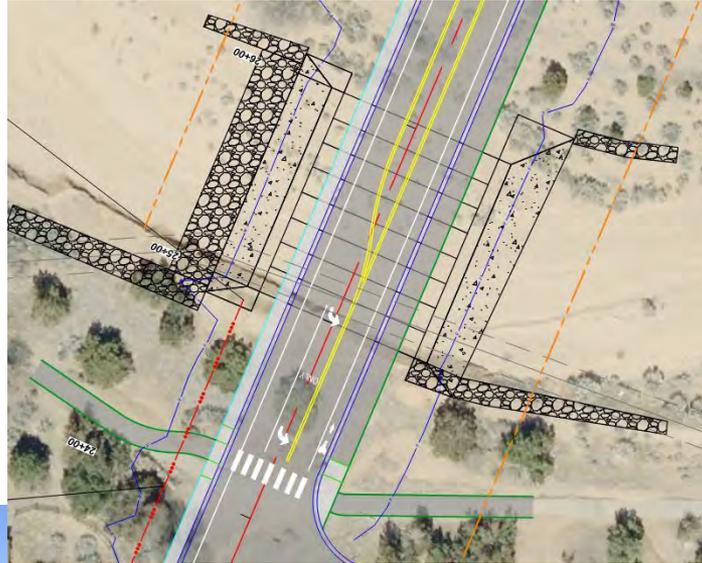
Arroyo de los Pinos



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# MIDDLE SEGMENT

- Build Alternative 2
  - 8-Barrel CBC at Arroyo Chamisos
  - 1-Barrel CBC at Arroyo Pinos



Arroyo de los Chamisos



Arroyo de los Pinos



## MIDDLE SEGMENT

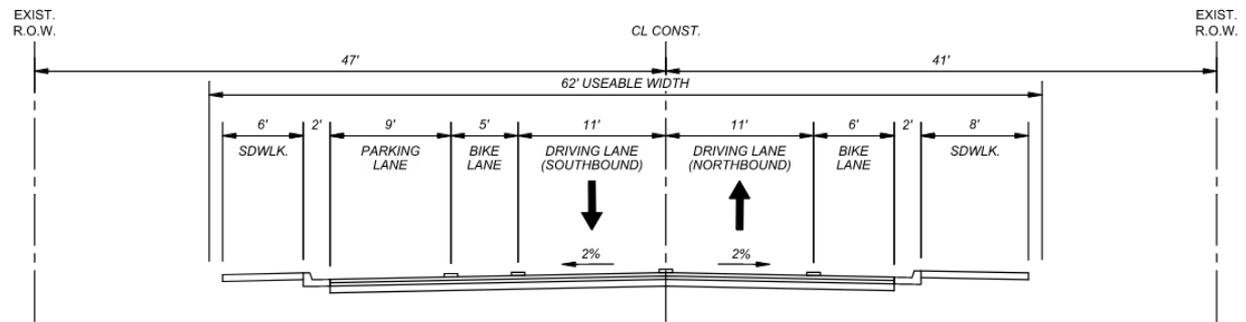
- Neighborhood Gateway Roundabout in both Build Alternatives
- Traffic Calming Feature



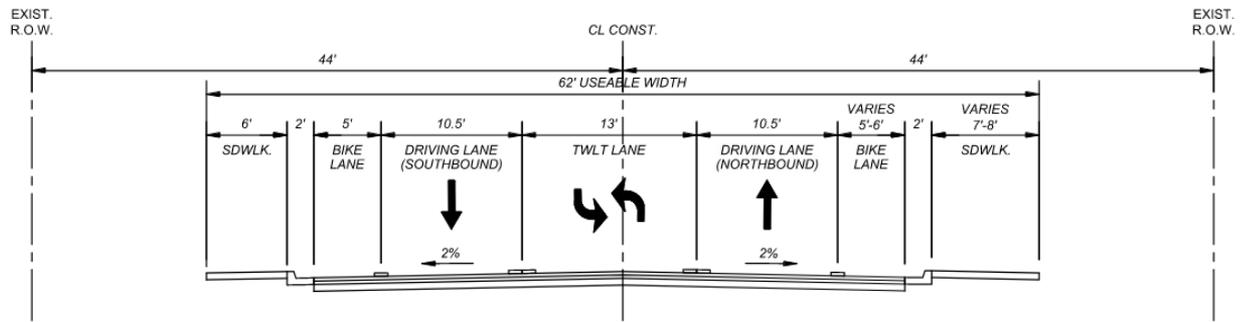
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## NORTH SEGMENT

- Build Alt 1 has On-Street Parking west side, with No Median
- Build Alt 2 has a Three-Lane Section
- Both alternatives include sidewalk and on-street bike lane improvements
- Both alternatives include raised crosswalks (traffic calming speed tables)



### Build Alternative 1



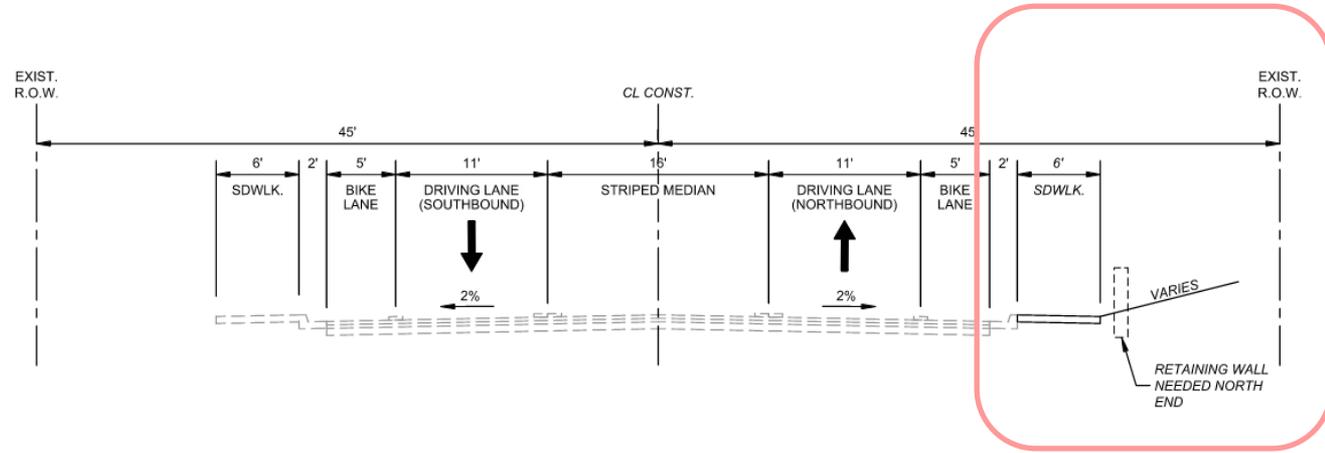
### Build Alternative 2



# SOUTH SEGMENT

- Same improvements for Build Alternative 1 and Build Alternative 2
- Add 6-foot sidewalk along east side of Richards Avenue

## Rodeo Road to Camino del Prado



Build Alternative 1 & 2



# DESIGN DECISIONS REMAINING



- Travel lane width
  - 10 feet / 10.5 feet / 11 feet
- North Segment Options
  - Alt 1: On Street Parking – No Turn Lane
  - Alt 2: Turn Lane – No On Street Parking





# ENGINEERING FACTORS

*Traffic*

*ROW Needs*

*Other Key Considerations*

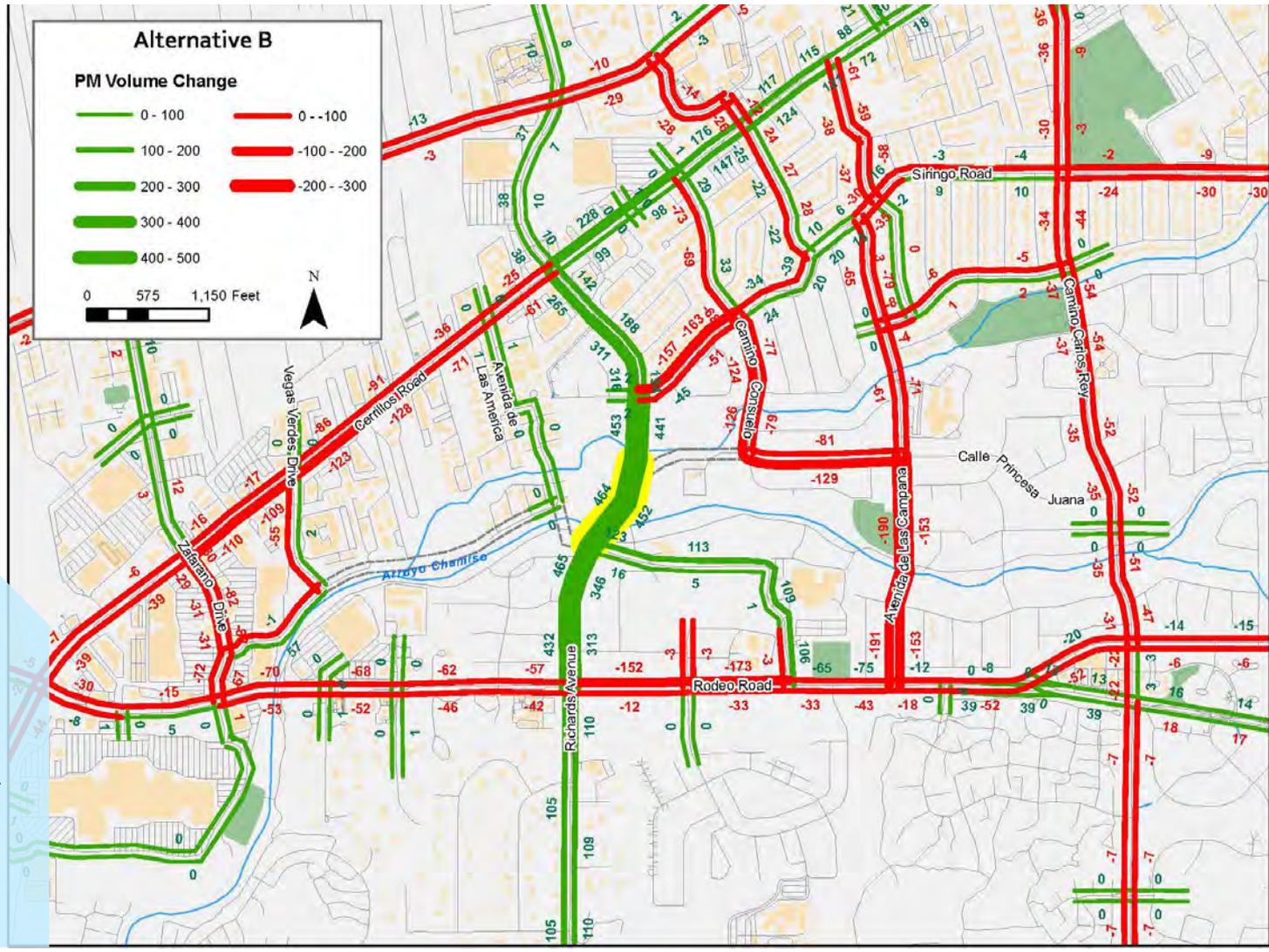
*Cost Estimates*



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■ **Phase A**  
**PM Traffic**  
**Volume Changes**





# Legend

Type number AM Peak Volumes

Signal

All Stop

Partial Stop

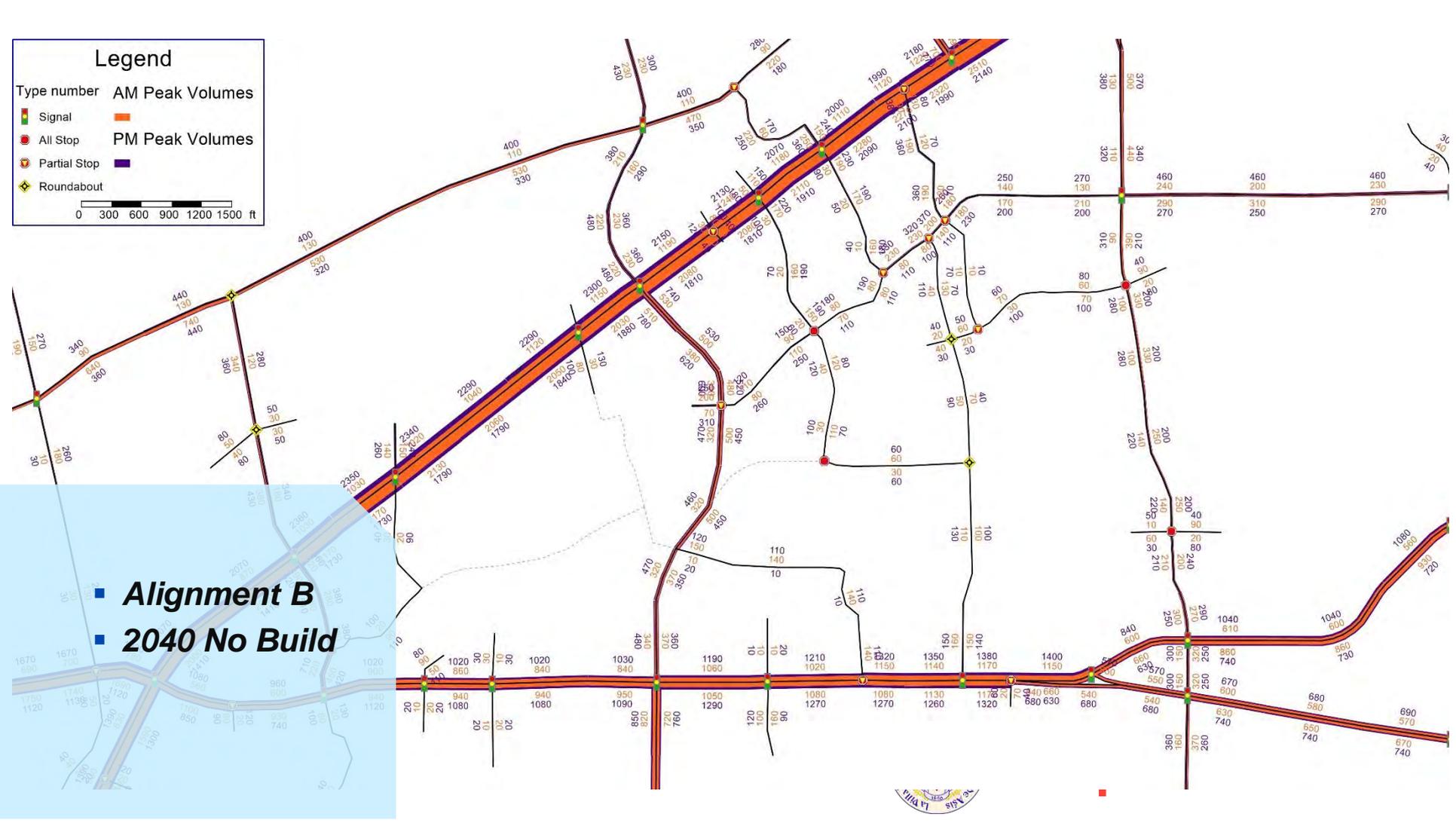
Roundabout

PM Peak Volumes

Roundabout



■ Alignment B  
■ 2040 No Build



# Legend

Type number AM Peak Volumes

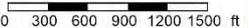
Signal

All Stop

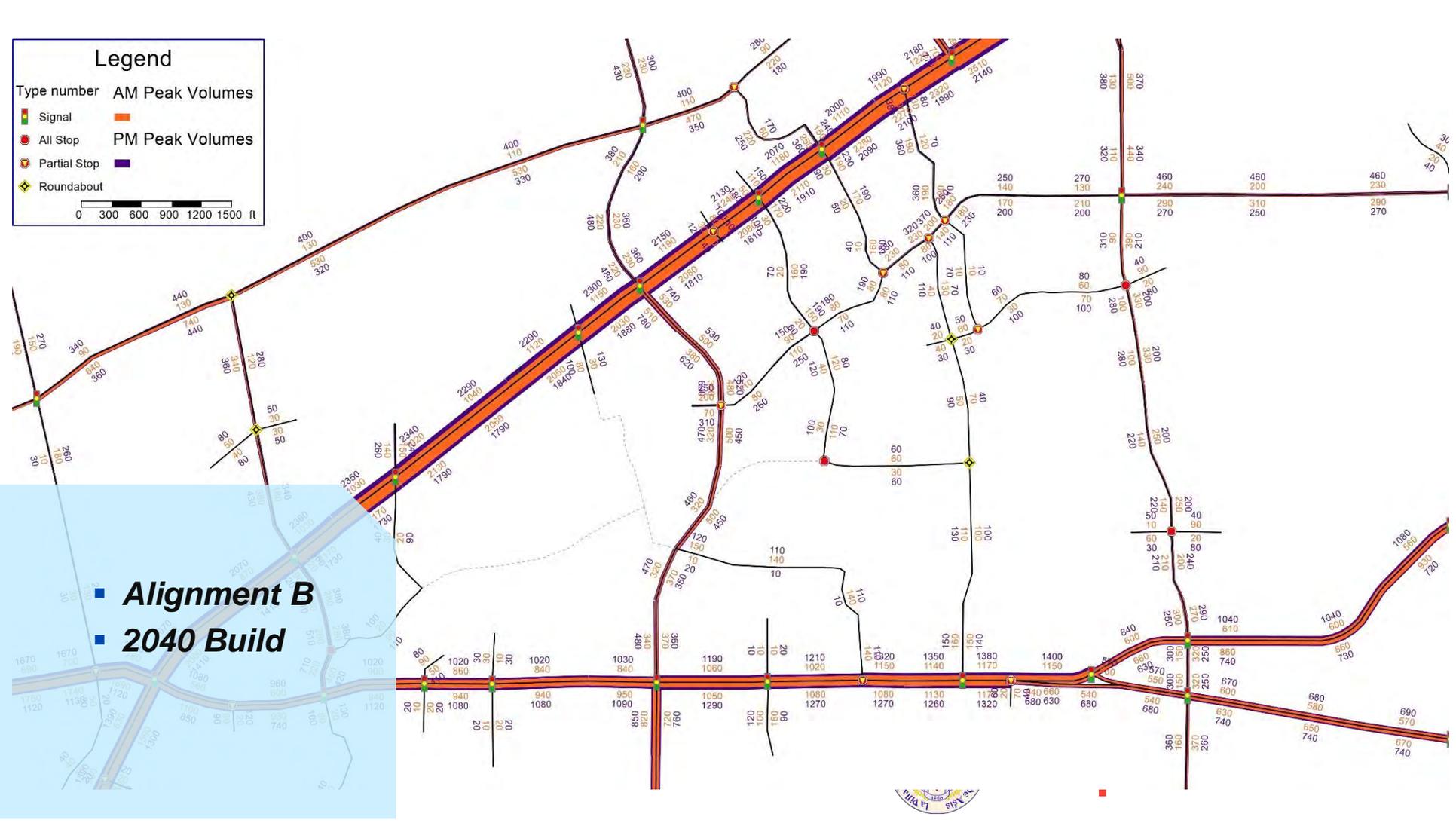
Partial Stop

Roundabout

PM Peak Volumes



■ Alignment B  
■ 2040 Build



## MIDDLE SEGMENT

### → Camino del Prado/Richards Avenue Intersection

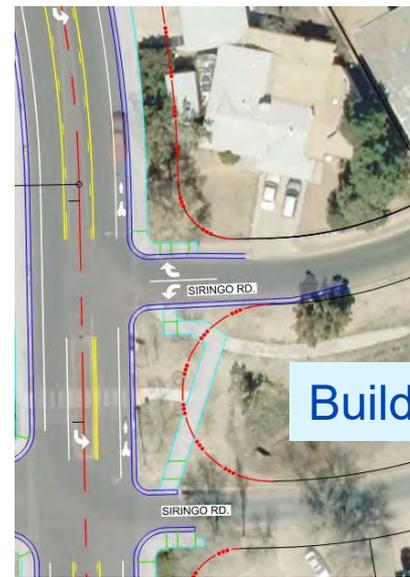
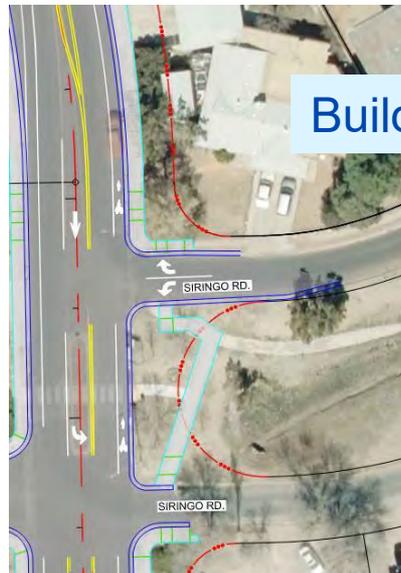
- Similar improvements for  
Both Build Alternatives



## NORTH SEGMENT

### → Siringo Road/Richards Avenue Intersection

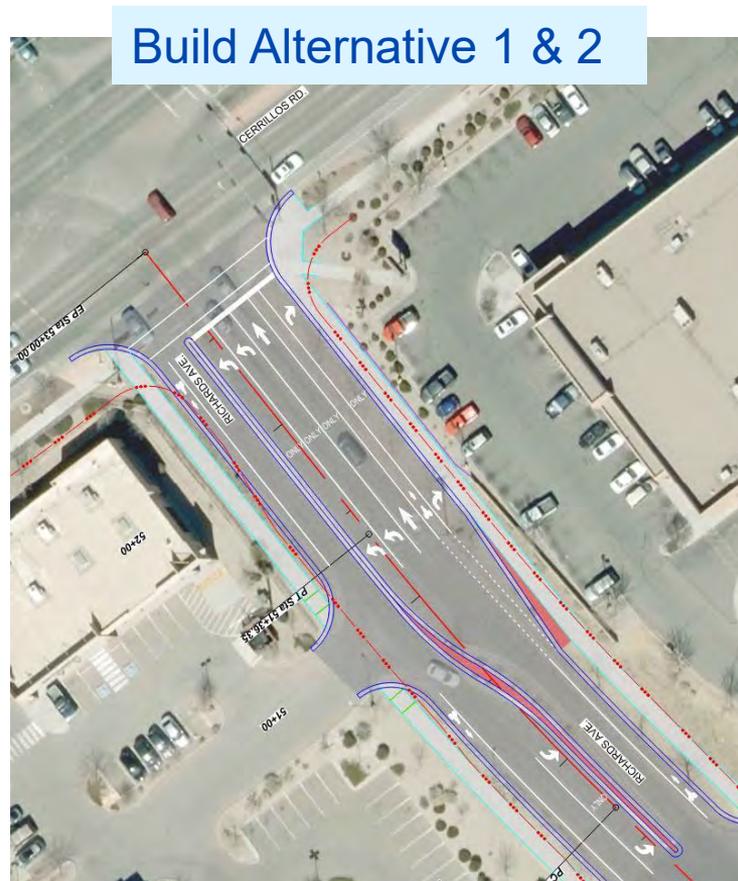
- Similar improvements for Both Build Alternatives
  - Provide a southbound left-turn lane
  - Widen to provide a short westbound left-turn pocket



## NORTH SEGMENT

### → Cerrillos Road/Richards Avenue Intersection

- Same improvements for Build Alternative 1 and Build Alternative 2
- Widen to provide a northbound right-turn lane



## SOUTH SEGMENT

### → Rodeo Road/Richards Avenue Intersection

- Same improvements for Build Alternative 1 and Build Alternative 2
- Widen to provide a northbound right-turn lane



Build Alternative 1 & 2



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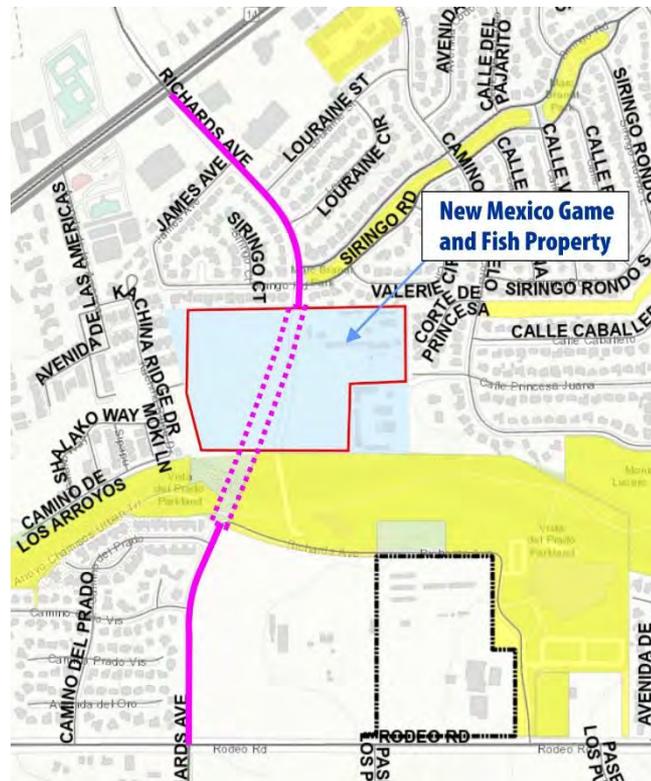
# TRAFFIC ANALYSIS CONCLUSIONS



- Alignment B Provides the greatest benefit to the regional transportation system
- Decreases traffic volumes on Avenida de las Campanas, Camino Carlos Rey, Zafarano, and Vegas Verdes
- Includes intersection improvements to meet acceptable levels of service



# ESTIMATED RIGHT-OF-WAY NEEDS 41



## OTHER KEY CONSIDERATIONS

- Drainage System Improvements
  - Scour Protection in Arroyos
  - Storm Drain System Improvements
- Open Space preservation
  - Frisbee Disc Golf Course may require modification
- Design/Construction may be completed in multiple phases depending on funding availability



# ESTIMATED CONSTRUCTION COSTS

## → Build Alternative 1

- \$13,700,000 (bridges)

## → Build Alternative 2

- \$10,600,000 (CBCs)

→ Costs are planning-level, conceptual estimates, and will change in design





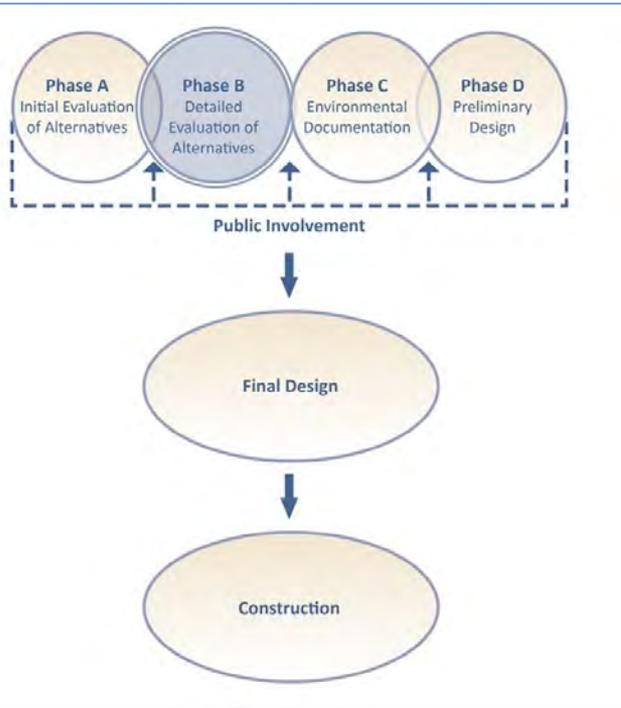
# NEXT STEPS

*Phase B*



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# NEXT STEPS



- Document Public Comments
- Finalize Phase B Report
- ***Establish funding and contracting***
  - ***Coordination on ROW needs***
  - ***Complete Phase C Environmental Clearance***
  - ***Develop Phase D Preliminary Design***



# PHASE B RECOMMENDATIONS

## → **Advance Preferred Build Alternative**

- Incorporate public input
- Identify preferred alternative for the North Segment
- Determine intersection improvements necessary for acceptable operations
- **Develop single Preferred Build Alternative**



# ENVIRONMENTAL INVESTIGATIONS

- NEPA and T/LPA
- Resource Areas of Consideration
  - Cultural and biological resources
  - Waterways and drainage
  - Traffic and travel patterns
  - ROW and encroachments
  - Economic development / Neighborhood character
- Phase C Level of Effort - Categorical Exclusion



# QUESTIONS AND COMMENTS



- During public meeting:
  - Enter comments and questions in the chat
  - Raise your hand if you want to speak
  - Text comments
    - 505-980-6065
- After public meeting
  - Draft Phase B Report on City website
    - [Arroyo Chamiso Crossing | City of Santa Fe, New Mexico \(santafenm.gov\)](https://www.santafenm.gov/Arroyo-Chamiso-Crossing)
  - Written comments will be accepted
    - [Daten@bhinc.com](mailto:Daten@bhinc.com)
- Comments due April 20, 2022





THANK YOU!!

*Public Information Meeting*



CITY OF  
**Santa Fe**

*March 31, 2022*



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