



Council District 5 Project
Council President Cynthia D. Borrego

Universe Boulevard Traffic Calming and Pedestrian Study

Virtual Public Meeting #1

WILSON
& COMPANY

discipline | intensity | collaboration | shared ownership | solutions

Introductions

City of Albuquerque

- Council President Cynthia D. Borrego
- Susan Vigil – Council District 5 Policy Analyst
- Tom Menicucci – Council Assoc. Director of Capital and Community Projects
- Tim Brown, PE, PTOE – Traffic Engineering Manager

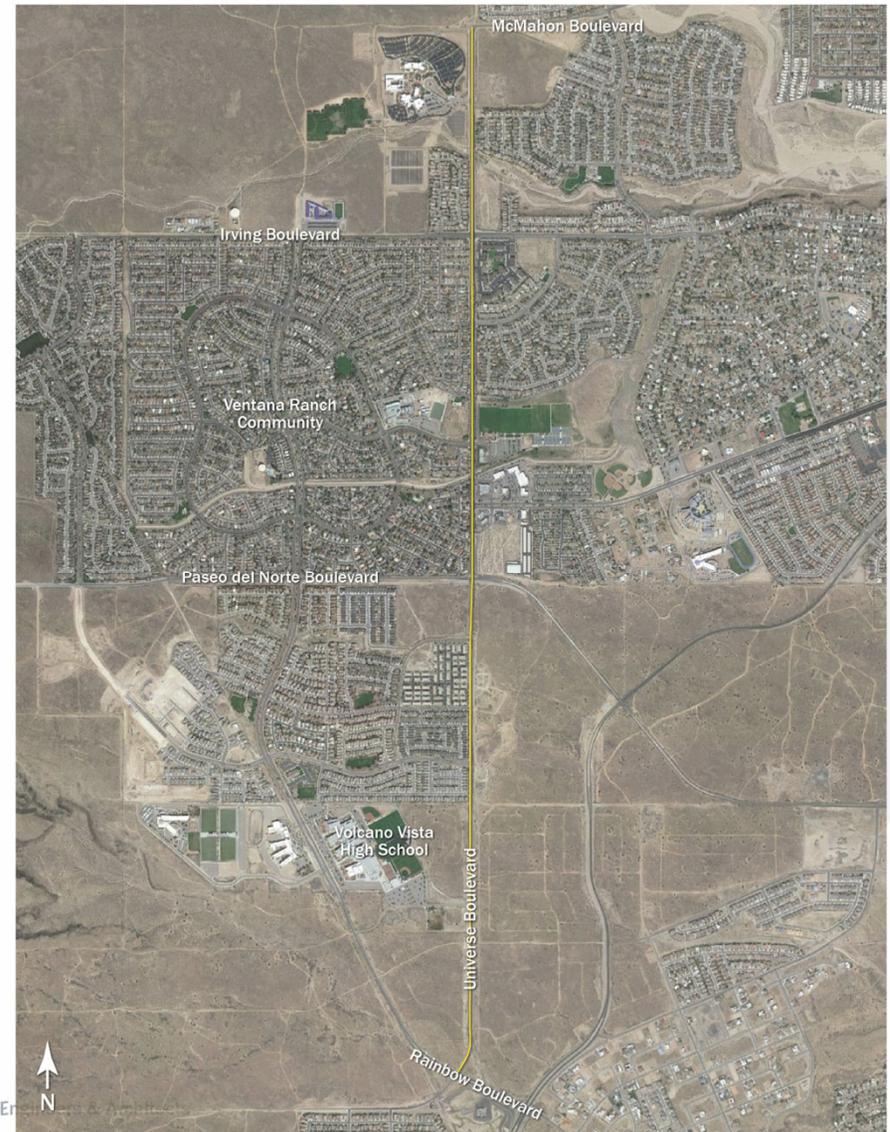
Wilson & Company

- Audra Gallegos, PE
- Ben Bachwartz
- Lorenzo Cornejo, EI



Study Limits

- Study Limits: Universe Boulevard from McMahon Boulevard to Rainbow Boulevard
- Length: 3 miles
- Posted Speed Limit: 35 mph
- Roadway Classification: Minor Arterial



Project Purpose and Need

- Roadway safety
- Pedestrian safety
- Speeding concerns
- Intersection improvements



Purpose of Tonight's Meeting

- Introduce project
- Introduce potential alternatives
- Public input – we want to hear from you!



Schedule

- Public Meeting #1 – Tonight’s meeting
- Existing Conditions Report – Winter 2021
- Identification of Improvements – Spring 2022
- Public Meeting #2 – Spring 2022
- Recommendations and Final Report – Spring 2022





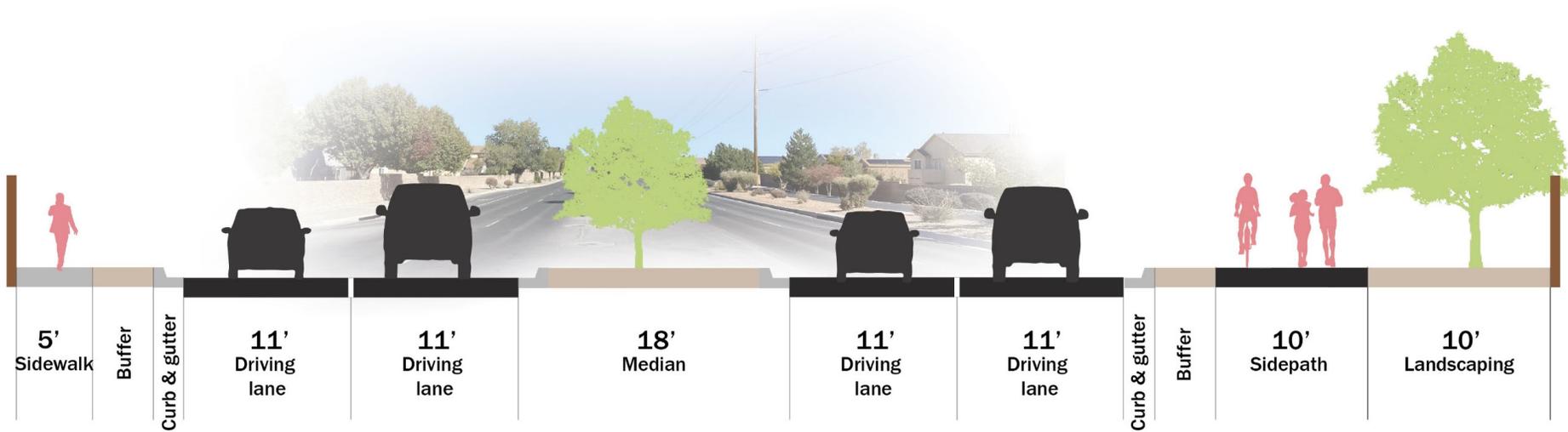
Existing Conditions

Typical Sections

Typical section

Universe Blvd

North of Paseo del Norte

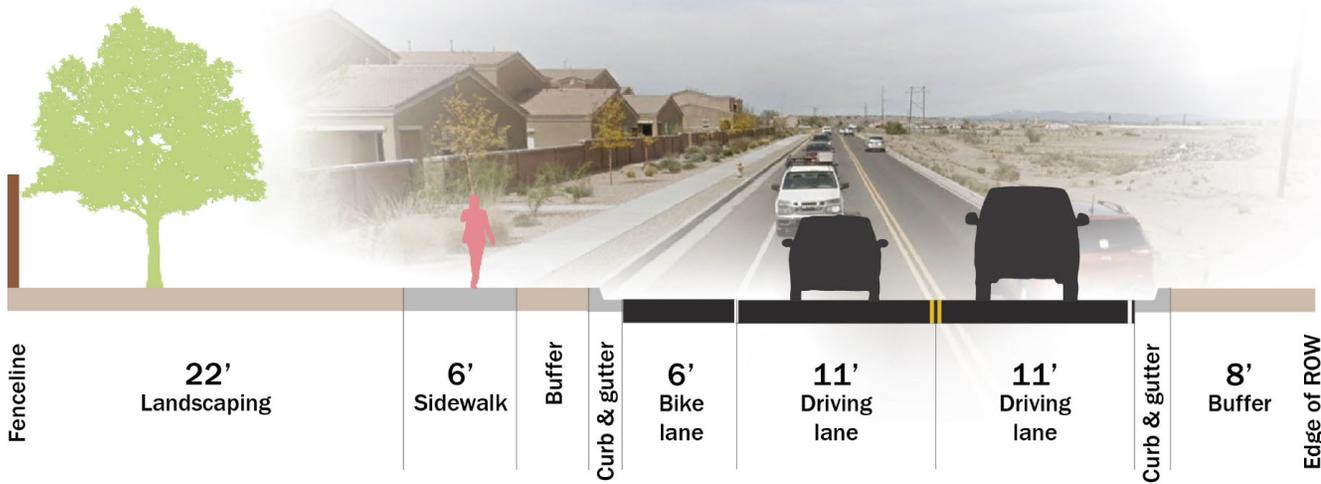


Typical Sections

Typical section

Universe Blvd

South of Paseo del Norte



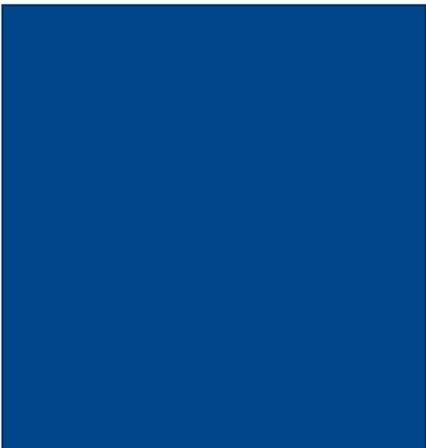
*No sidewalk and curb and gutter South of Woodmont Avenue



Existing Conditions Photos

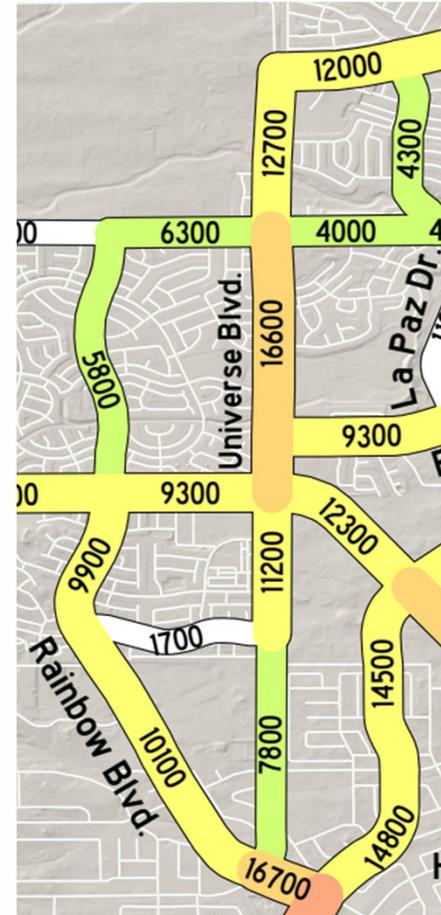


Existing Conditions Photos



Traffic Volumes

- 2019 Mid-Region Council of Governments (MRCOG) traffic volumes
- Average annual weekday traffic (AAWDT) in vehicles per day (vpd)
- Universe Boulevard AAWDT
 - 7,800 vpd to 16,600 vpd





Potential Alternatives

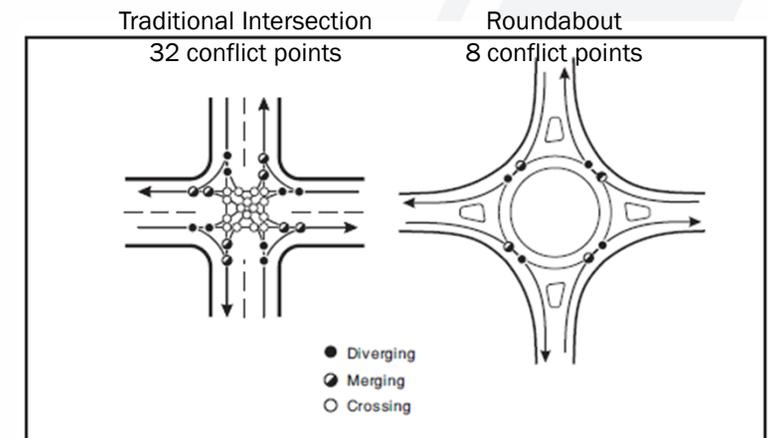
Roundabouts

Benefits

- Improves safety
- Lower vehicle speeds
- Reduce conflict points
- Improve intersection operations

Cons

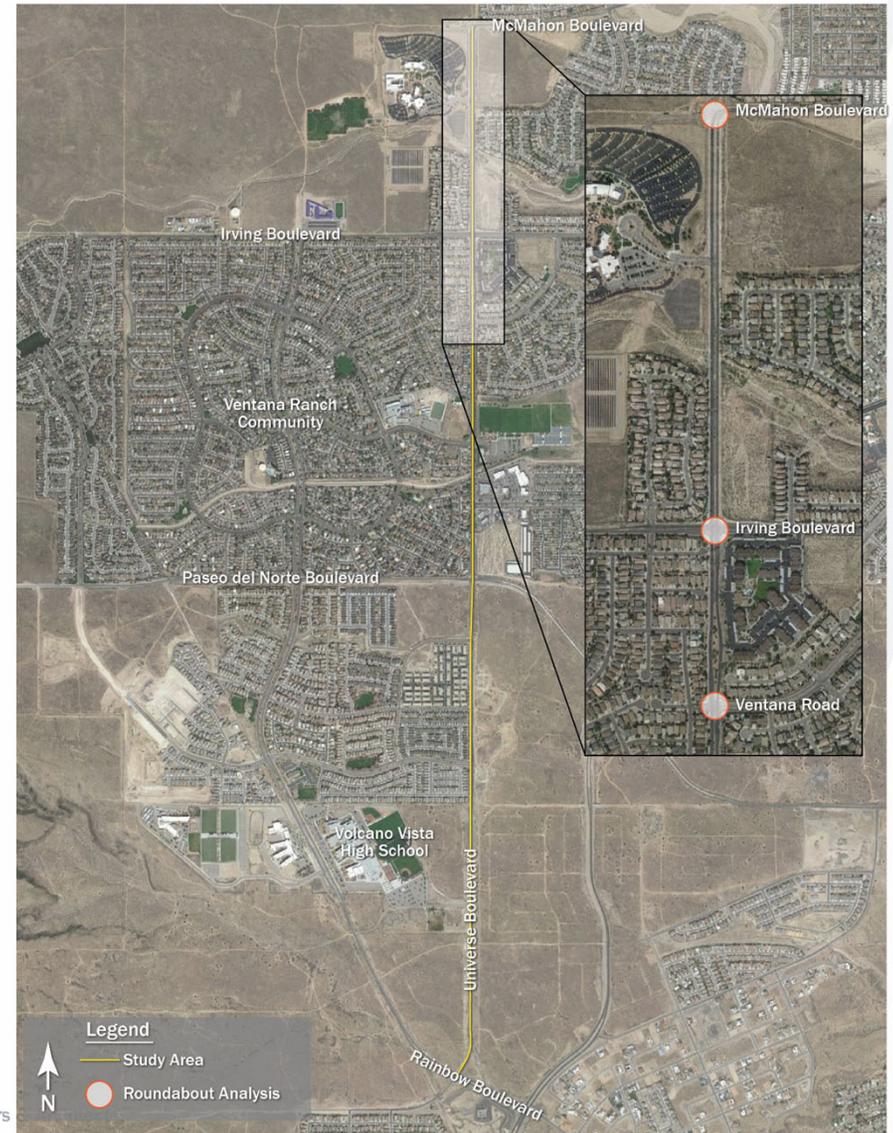
- Expensive
- May require additional right-of-way



Roundabout Analysis

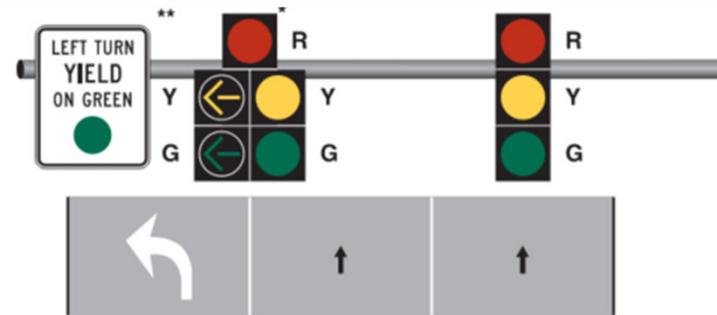
Analyze the following Universe Boulevard intersections:

- McMahon Boulevard
- Irving Boulevard
- Ventana Road-Country Knoll Court



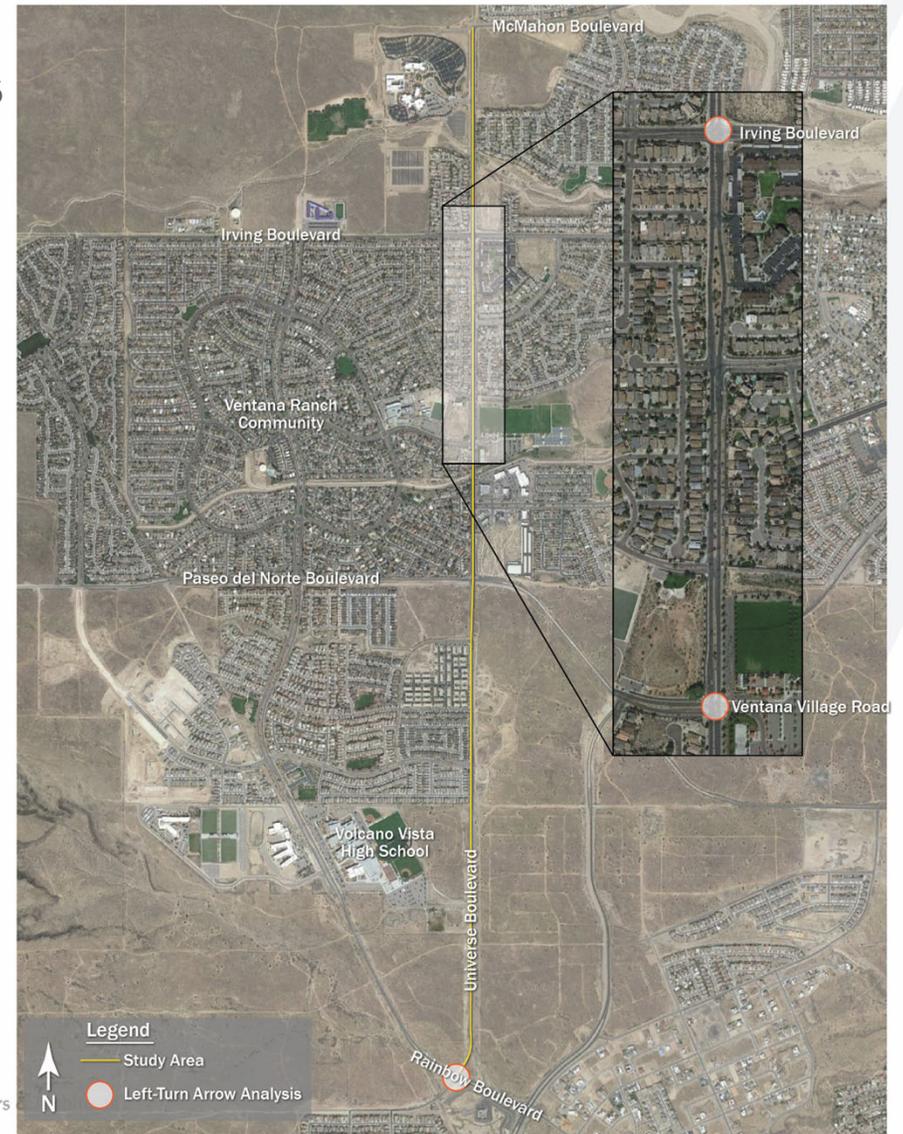
Left-Turn Arrows at Signals

- Protected or protected-permissive left-turn
- Follow Federal Highway Administration (FHWA) guidelines
- Paradise Boulevard is an example of a protected-permissive left-turn:



Left-Turn Arrows at Signals

- Analyze the following Universe Boulevard intersections:
 - Irving Boulevard
 - Ventana Village Road
 - Rainbow Boulevard



All-Way Stop Warrant

- Analyze the following Universe Boulevard intersections:
 - Ventana Road-Country Knoll Court
- All-Way stop was removed when Irving Boulevard signal was installed
- Follow FHWA guidelines
 - Volumes
 - Crashes
- Council District 5 recently funded the installation of flashing intersection warning beacons (\$34,053.98)



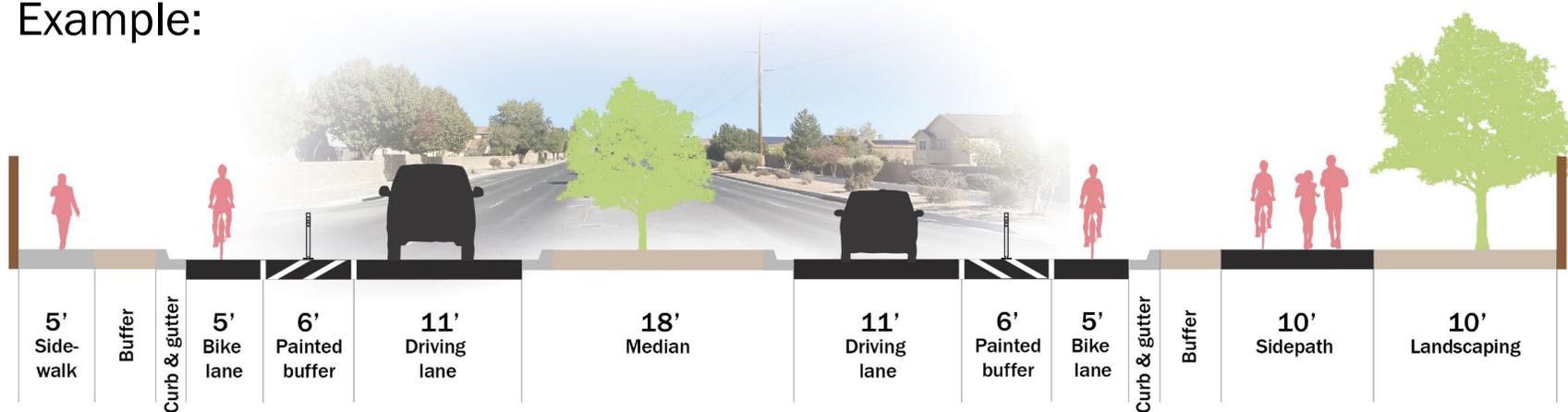
Turn Lane Warrant

- Determine if right- and left-turn lanes are needed
- Analyze the following Universe Boulevard intersections:
 - Tree Line Avenue
 - Woodmont Avenue
- Woodmont currently has northbound left-turn lane



Road Diet

- Would reduce a lane in each direction and use space for other modes of travel such as bike lanes.
- Analyze from Paseo del Norte Boulevard to McMahon Boulevard
 - Considers traffic volumes
- Follows FHWA guidelines
- Example:



Other Analyses

- Sight distance issues
- ADA compliance
- Pedestrian connectivity
- Crash analysis (latest 5-years)
- Speed study



Next Steps

- Data collection
 - Intersection turning movement counts (traffic volumes)
 - Tube counts (volume, speed, classification)
 - Crash data





Public Input

Surrounding Projects

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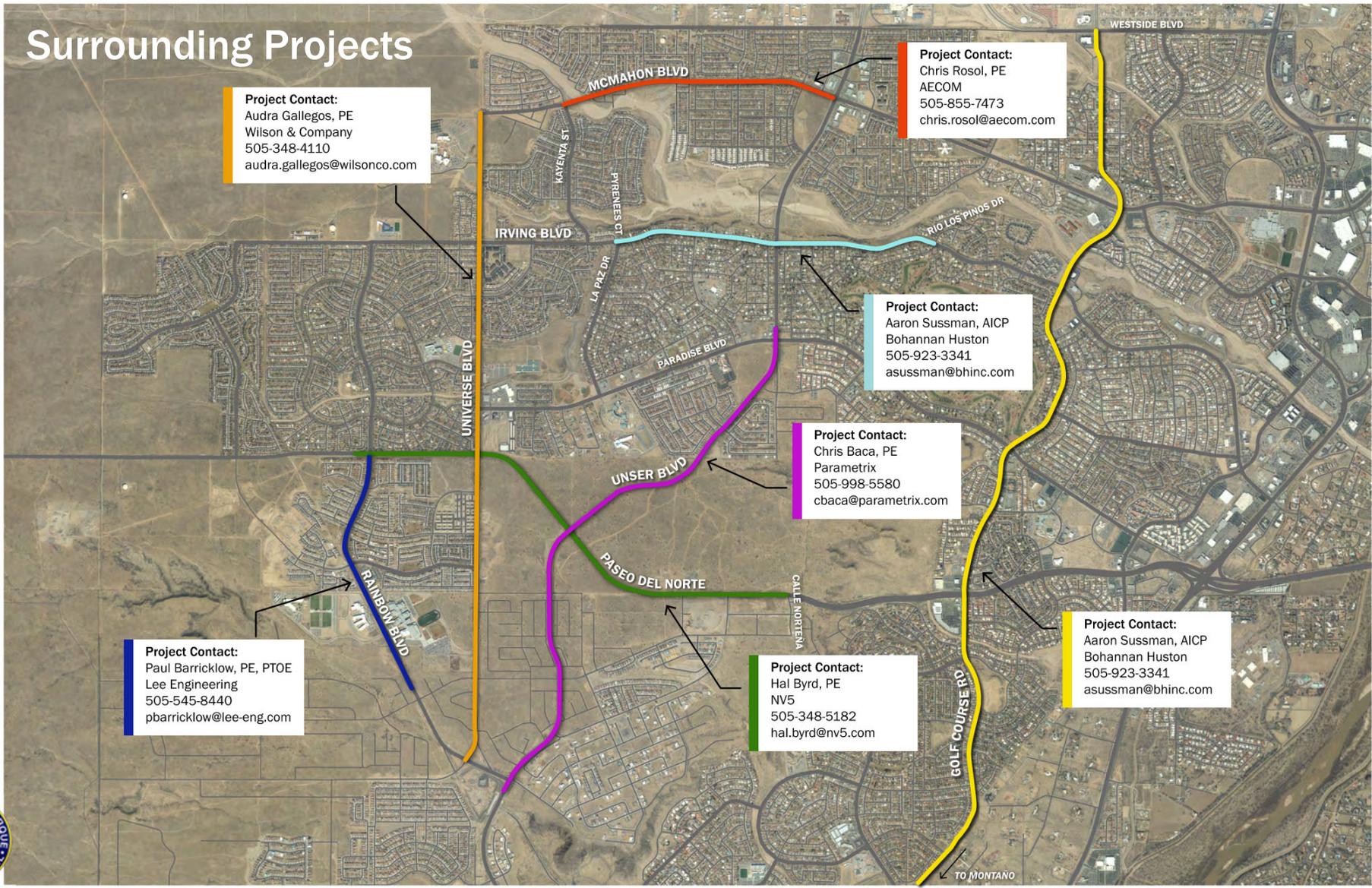
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Questions/Comments

- Provide comments tonight
- Email comments to audra.gallegos@wilsonco.com
- Webpage <https://www.cabq.gov/council/find-your-councilor/district-5/universe-blvd-traffic-study>
 - Reports, materials, and updates will be posted
- Deadline for comments December 7, 2021





Thank you!