



ABQ/BERNCO WESTSIDE VISION FOR 2100



WESTSIDE VISION FOR 2100

UNM Graduate Capstone Studio

Building a vision for growth and economic development on the westside out to 2100

- **Funded by** Senator Moe Maestas of the Westside
- **In Collaboration with** the Resource Center for Raza Planning

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AGENDA

ABOUT THE PROJECT

A LOOK AT THE PAST

PROJECT AREA OVERVIEW

EXISTING PLANS

POPULATION PROJECTIONS

COMMUNITY OUTREACH

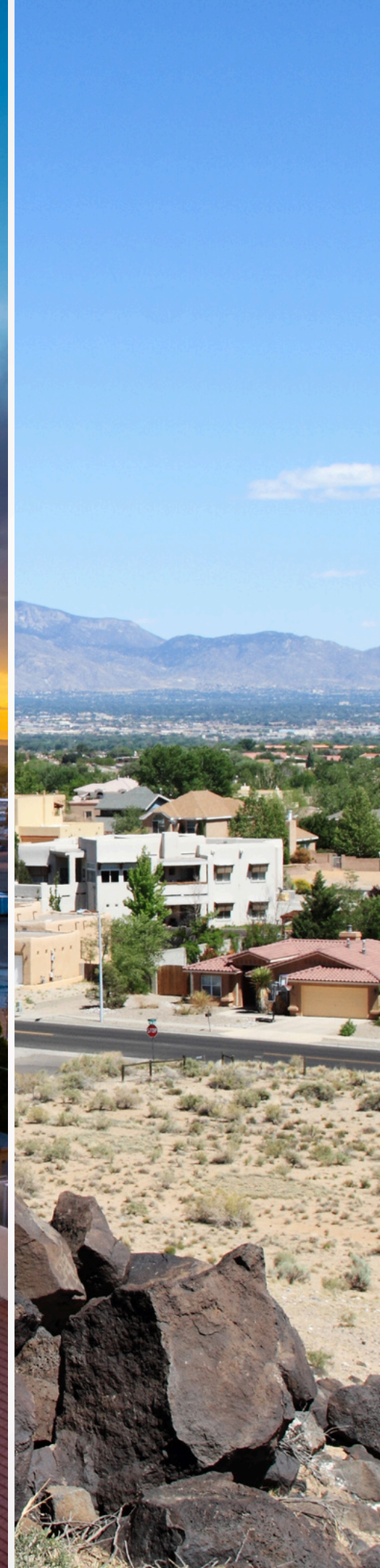
FOCUS AREAS

MOVING FORWARD

WHAT IS WESTSIDE VISION 2100?

A long-range vision plan for the Westside of Albuquerque that will span the next 80 years.

The Westside of the city is an area that is expected to absorb the majority of Bernalillo County's growth over the next 80 years, and we intend to identify what that growth looks like and how it's to come to fruition.



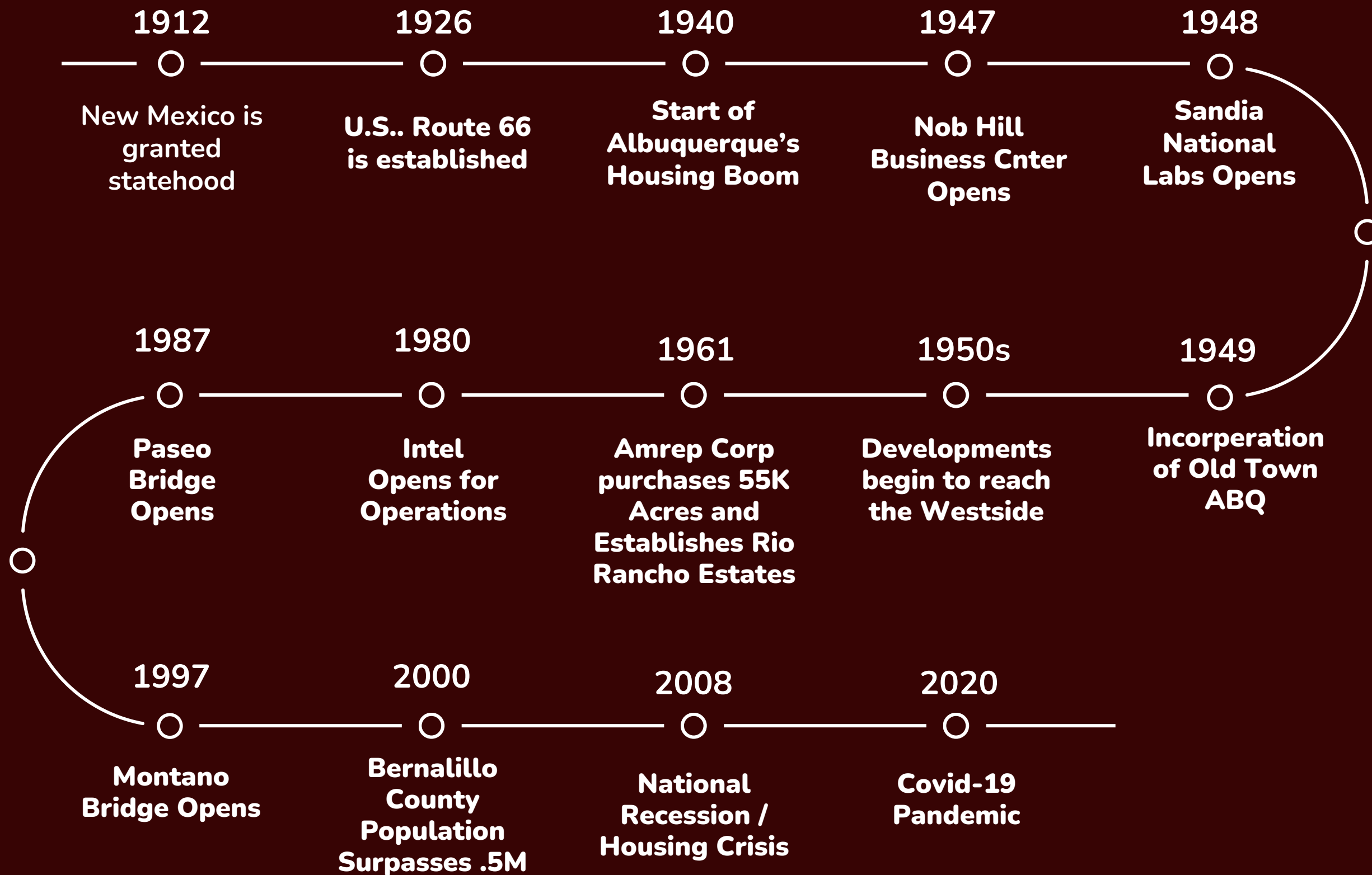
UNDERSTANDING THE VISION

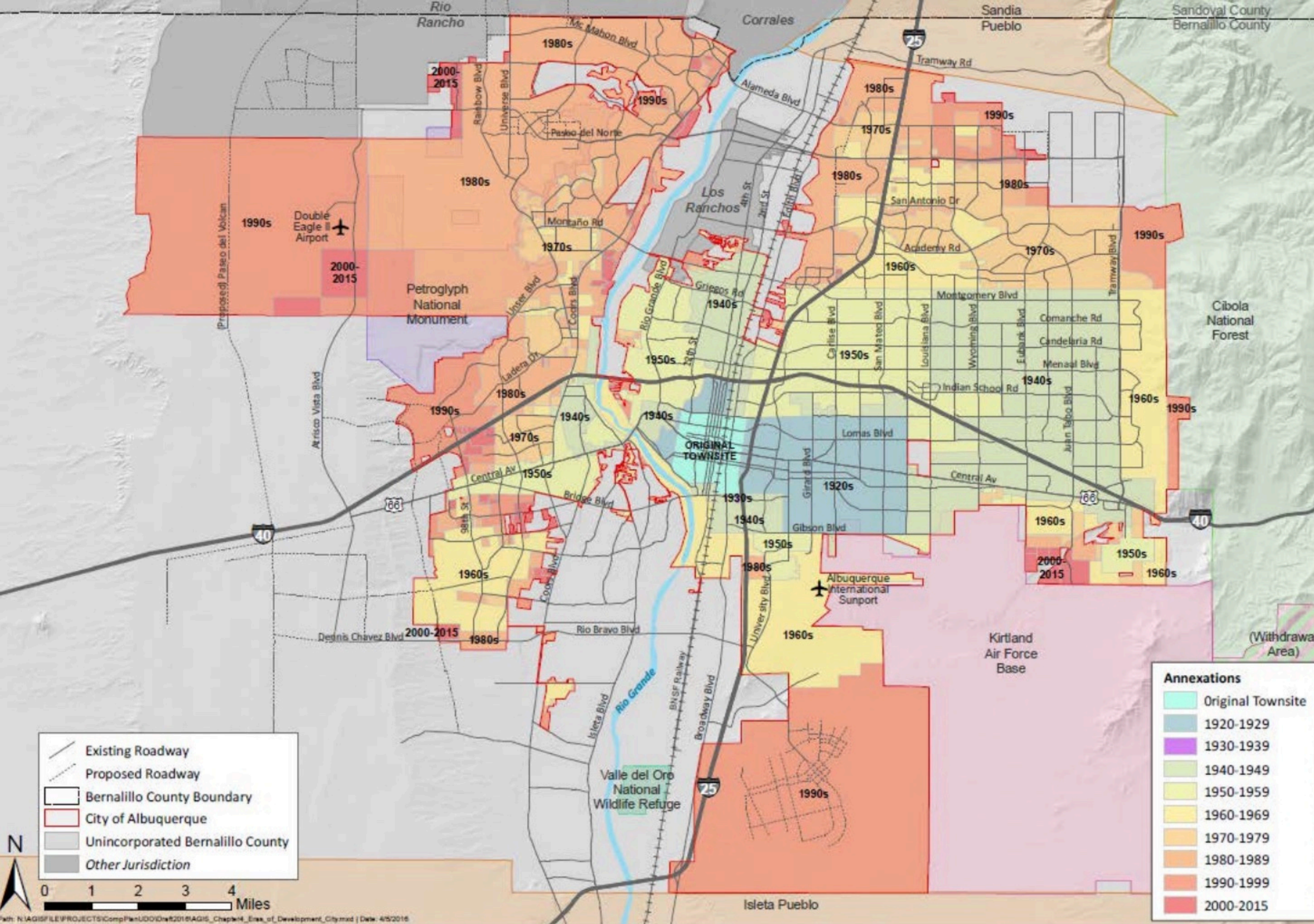
What do we want growth on the westside to look like?

- Opportunity to consider strategies for economic development, transportation, access to open space, and many more areas impacted by population growth
- Rather than a zoning/policy document - a vision describes what the westside wants to see.



HISTORIC IMPACTS TO GROWTH AND ECONOMY





ALBUQUERQUE GROWTH BY DECADE

Source: ABC
Comprehensive Plan

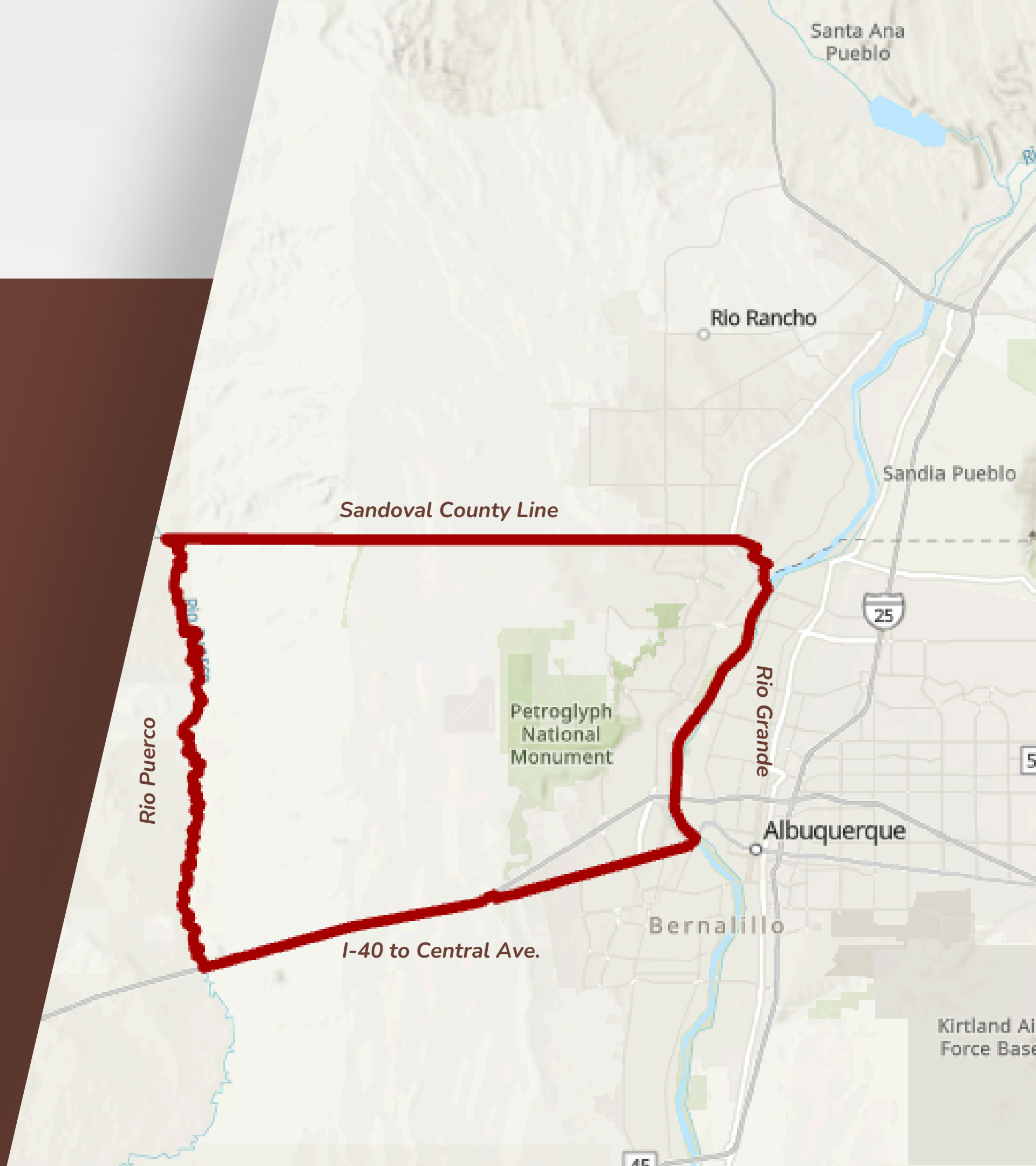
WHAT IS INCLUDED IN THE VISION?

Population Projections

- % Growth by Decade
- Estimates for the # of people in the study area each decade until 2100

Key Elements

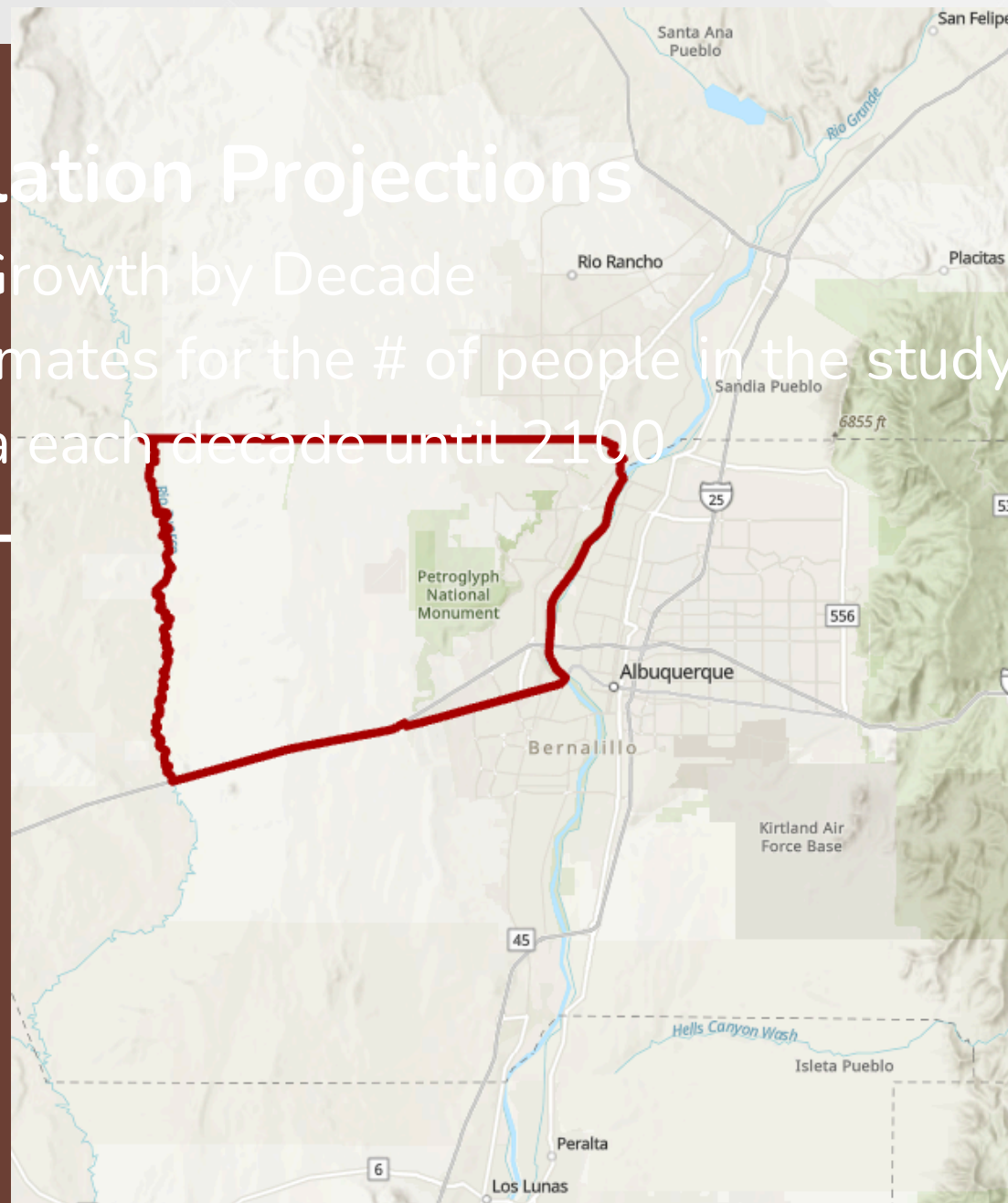
- Urban Development Patterns
- Economic Development
- Land Use Patterns
- Transportation
- Urban Centers & Corridors
- Open Space and Trails
- Storm Water Infrastructure
- Water Resources
- Quality of Life



WHAT IS INCLUDED IN THE VISION?

Population Projections

- % Growth by Decade
- Estimates for the # of people in the study area each decade until 2100



EXISTING PLANS

**Bernalillo County
Comprehensive
Plan (2024)**

**Albuquerque-
Bernalillo County
Comprehensive
Plan**



**ABCWUA
Water 2120
Management Plan**

**MRCOG Metro
Transportation Plan:
Connections 2040**

*Existing plans inform **population projections & strategies** in the vision. Those listed above served as **primary guiding documents**.*

Population Estimations

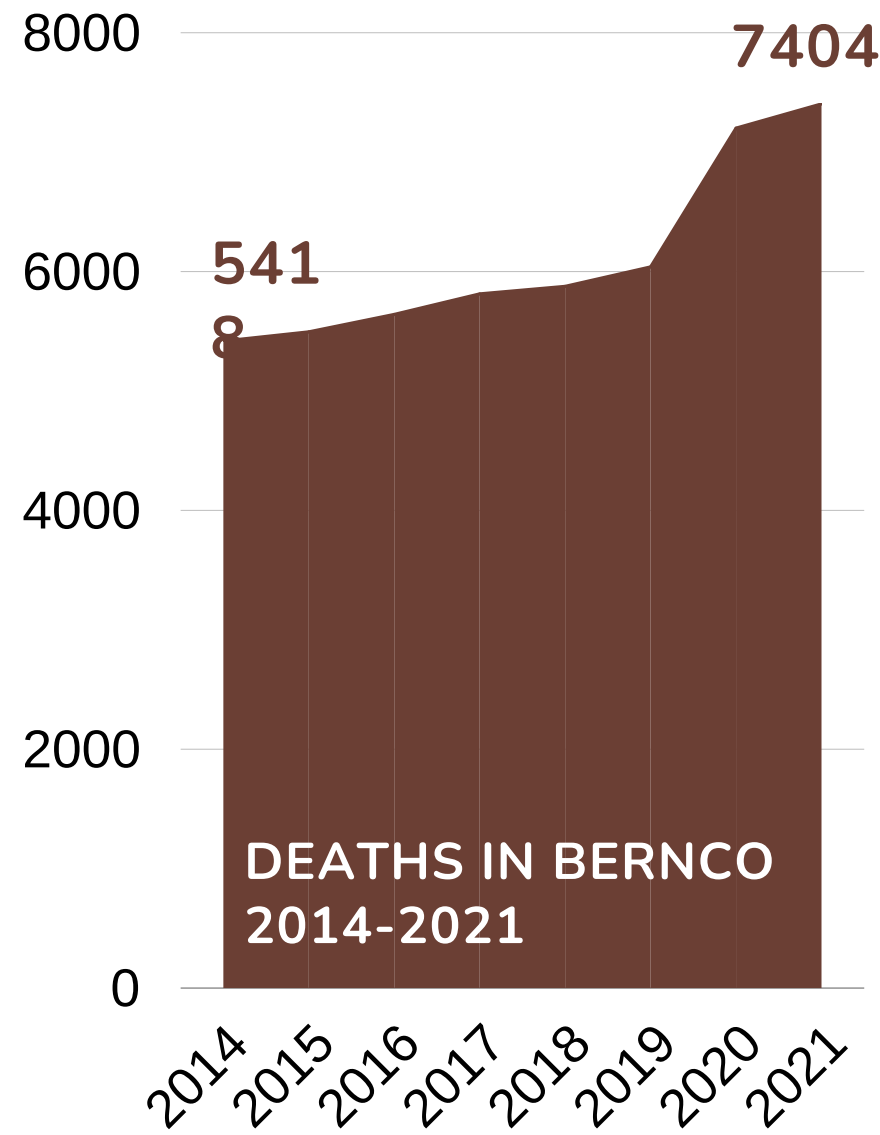
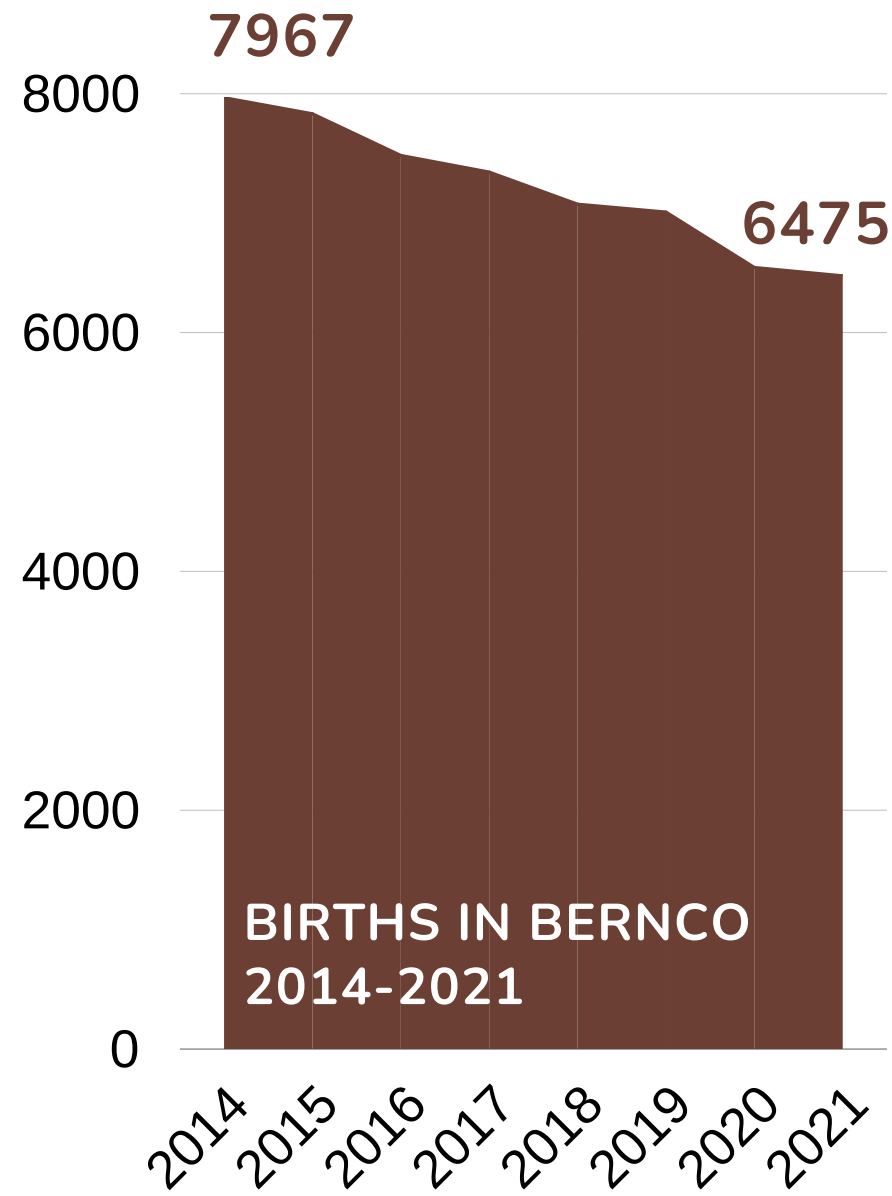
Current and Historic Population				
	Bernalillo County	% Change	Project Area	% Change
2000	556,678	-	128,061	-
2010	662,564	19.02%	161,001	25.7%
2020	676,444	2.09%	190,185	18.1%
2022	674,692	-0.26%	198,375	4.3%

U.S. Census, American Community Survey 5-Year for 2000-2022

2040 Connections

According to projections by UNM-GPS, the MRCOG region is projected to grow by 194,000 people over the next 24 years resulting in a 2040 population of 1.1 million. This represents an **average annual growth rate of 0.8 percent**. By contrast, the **average annual historical growth rate in the 1990s was approximately 1.6 percent**. The reduction in the pace of growth is attributed to slowed migration and a declining birth rates.

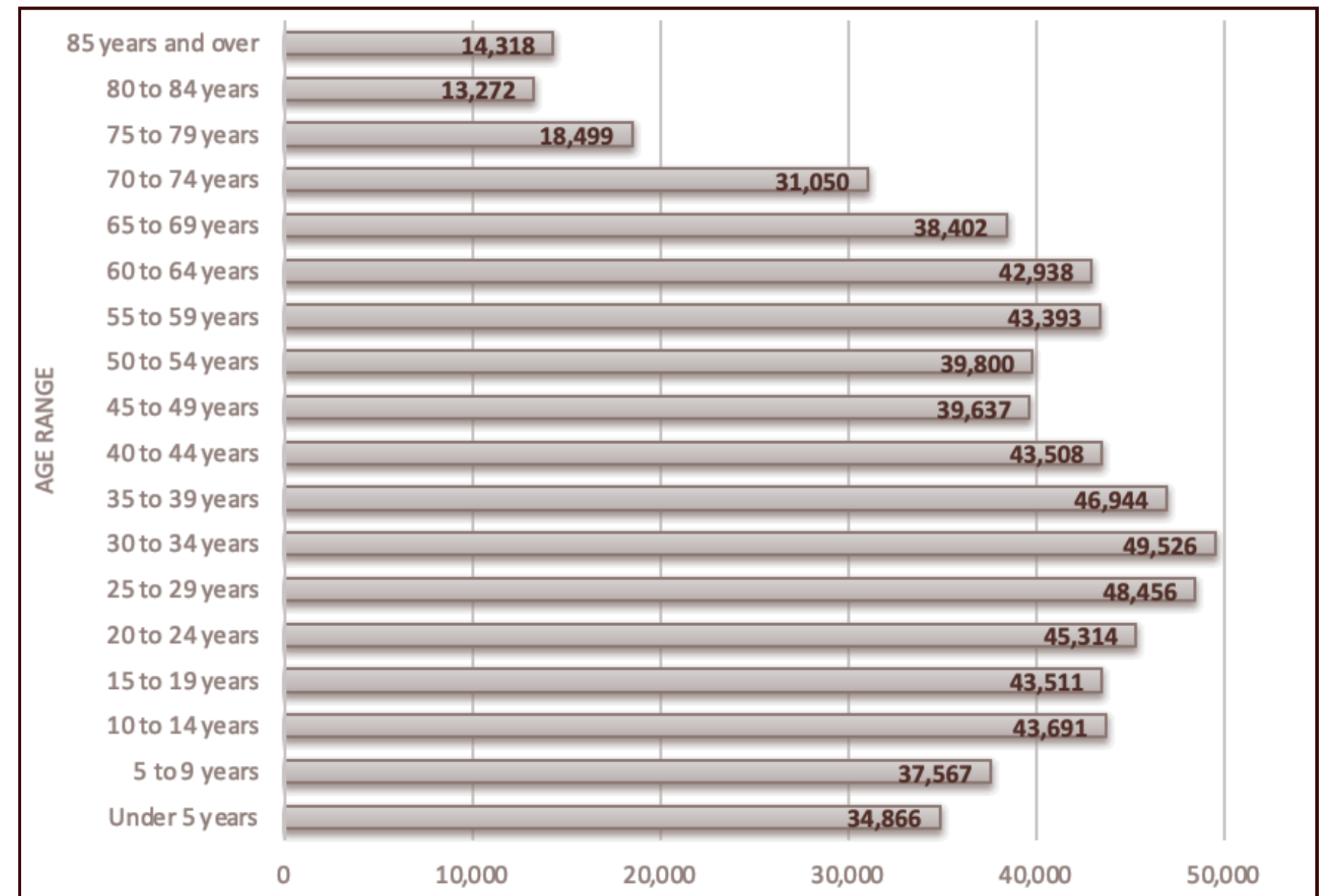
POPULATION FACTORS



FEWER BIRTHS

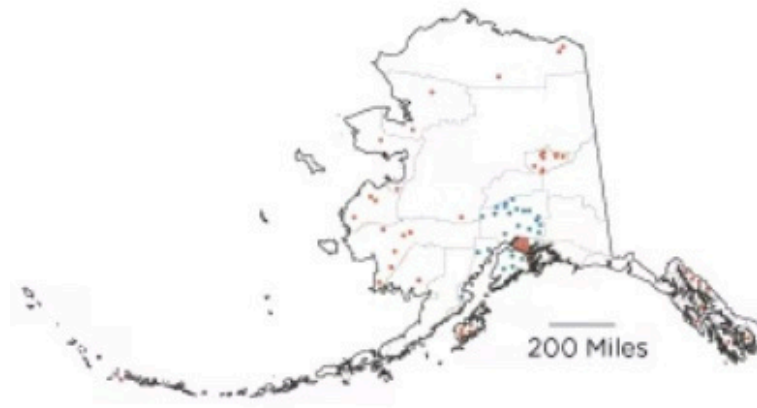
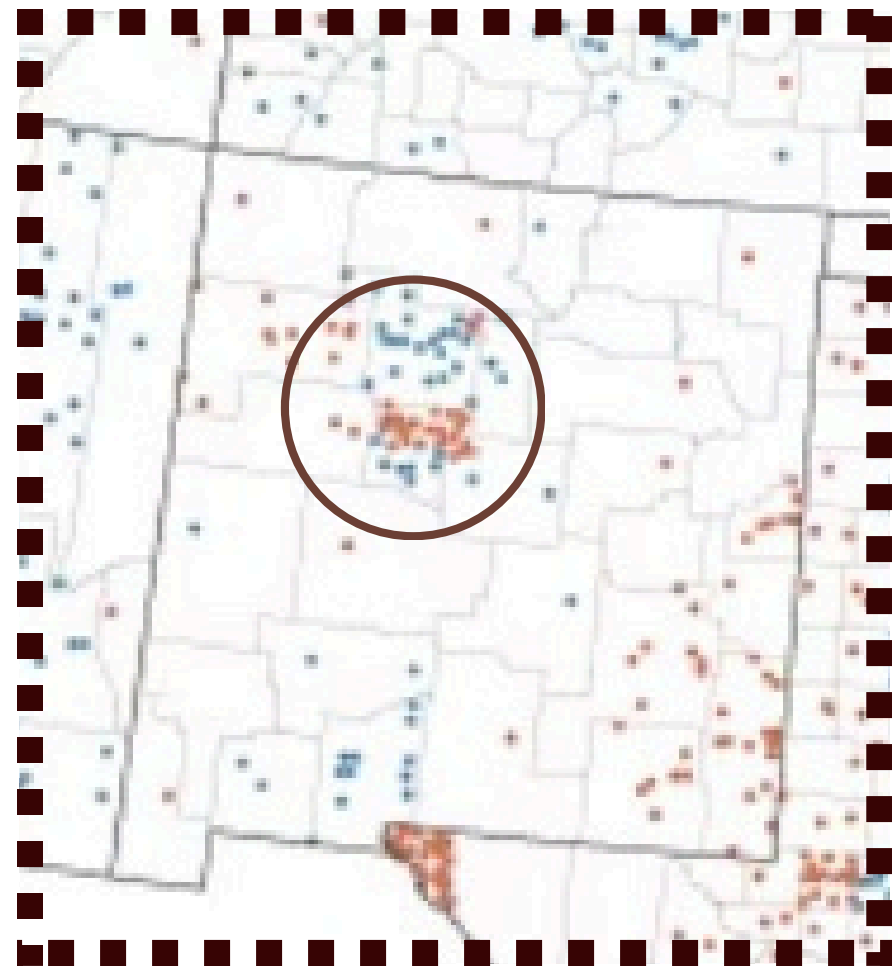
INCREASED DEATHS

AGING POPULATION

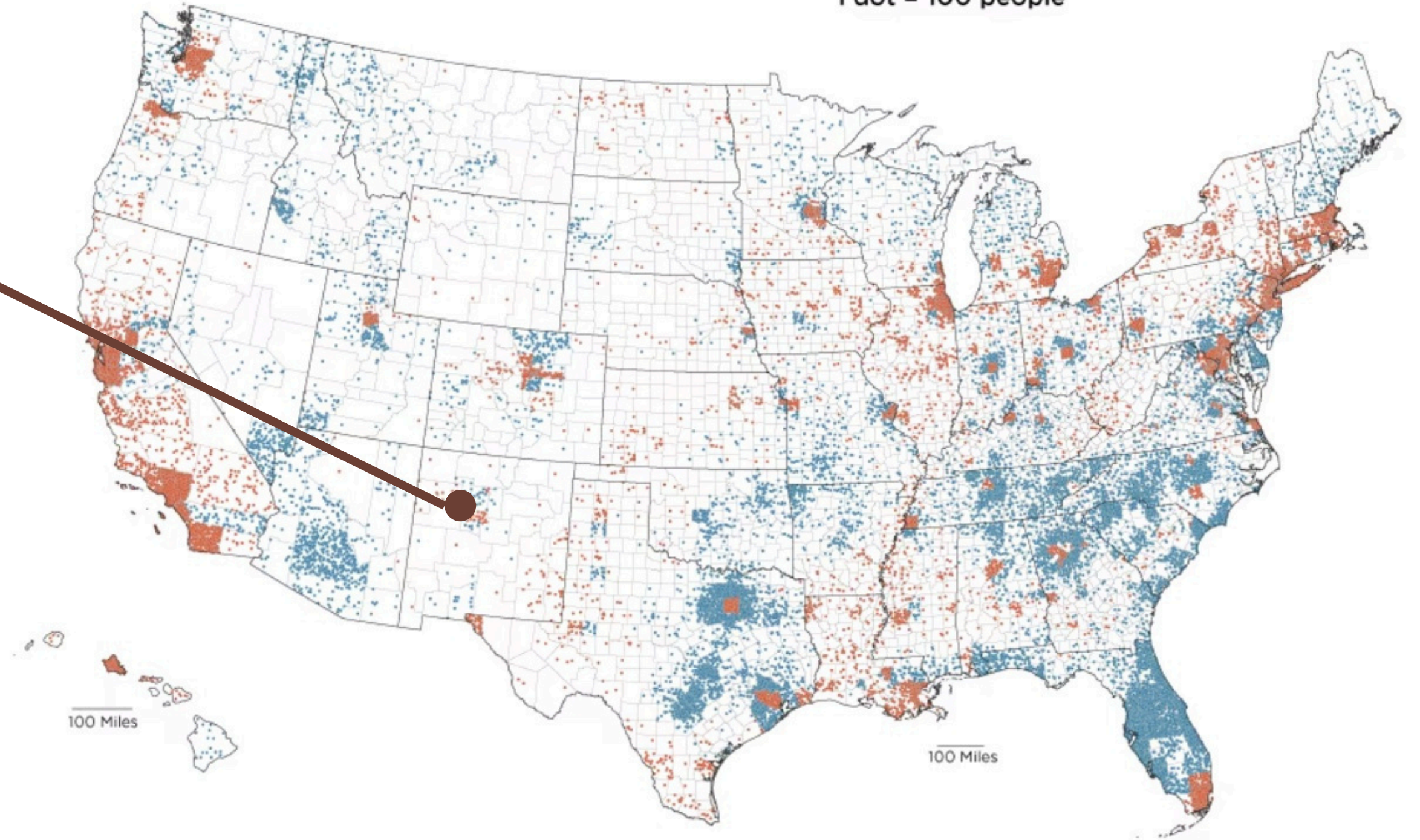


Age Distribution in Bernalillo County in 2022

2021-2022



● Positive net domestic migration
● Negative net domestic migration
1 dot = 100 people

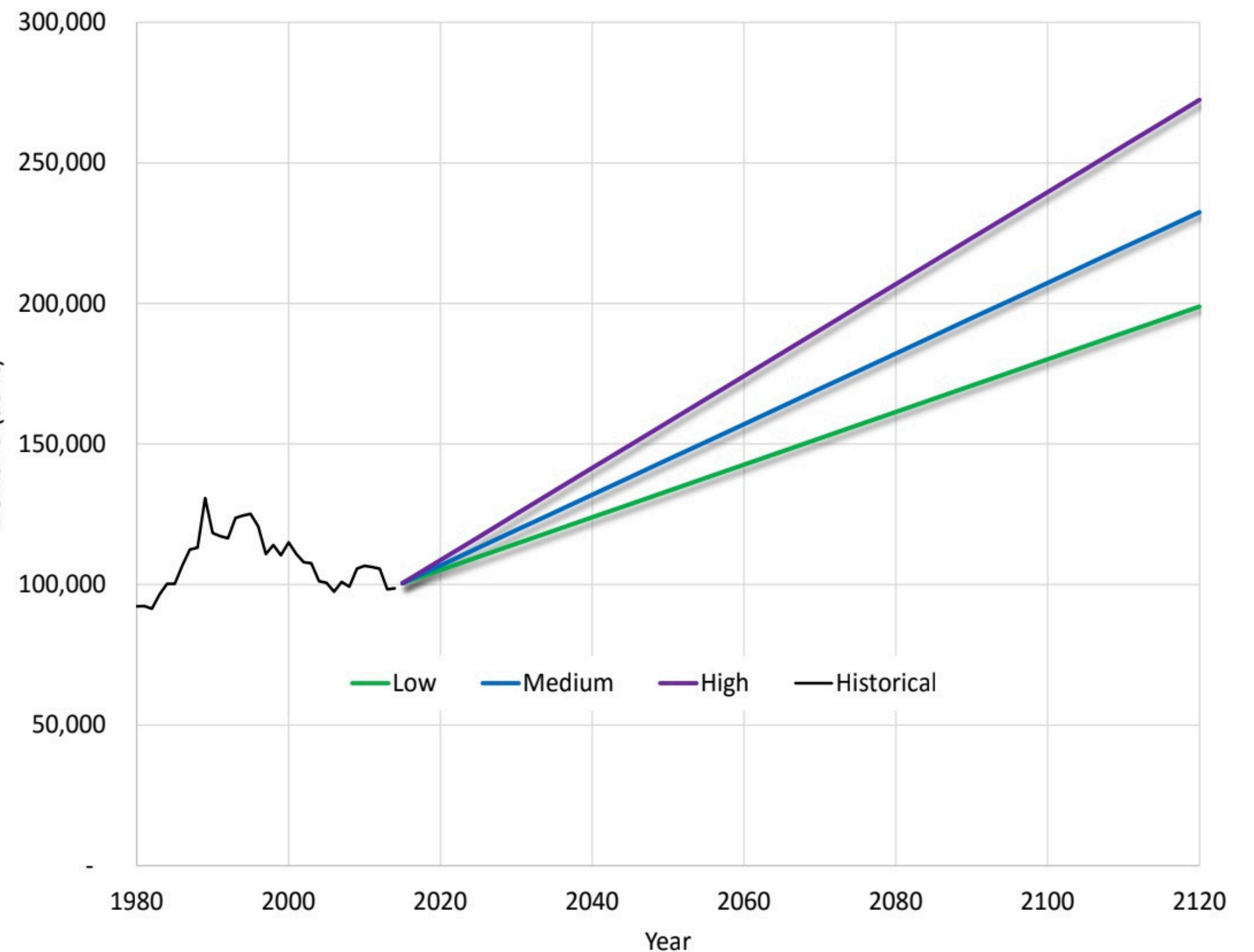


DOMESTIC MIGRATION

WATER AVAILABILITY

Actual and Projected Water Demand

- Westside growth expected to heavily impact **water demand**.
- ABQ metro area will continue to experience hotter & drier climate conditions impacting **water supply**
- ABCWUA projects Albuquerque needing **new water ~2088**.



Source: ABCWUA Water 2120

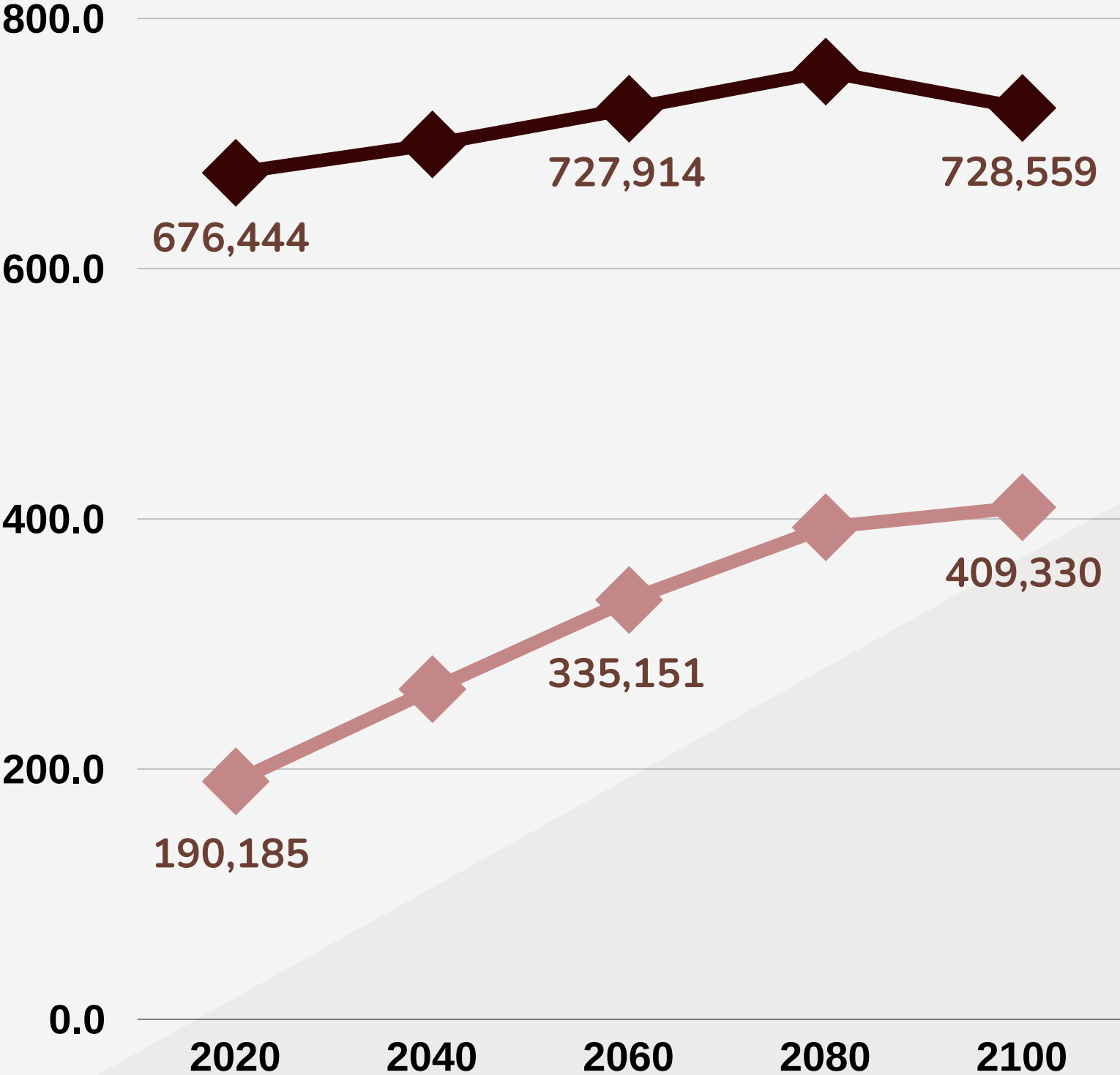
Population Estimations

Continued

High - 16% (1.6% Annually) Medium - 8% (0.8% Annually) Low - 2% (0.2% Annually)

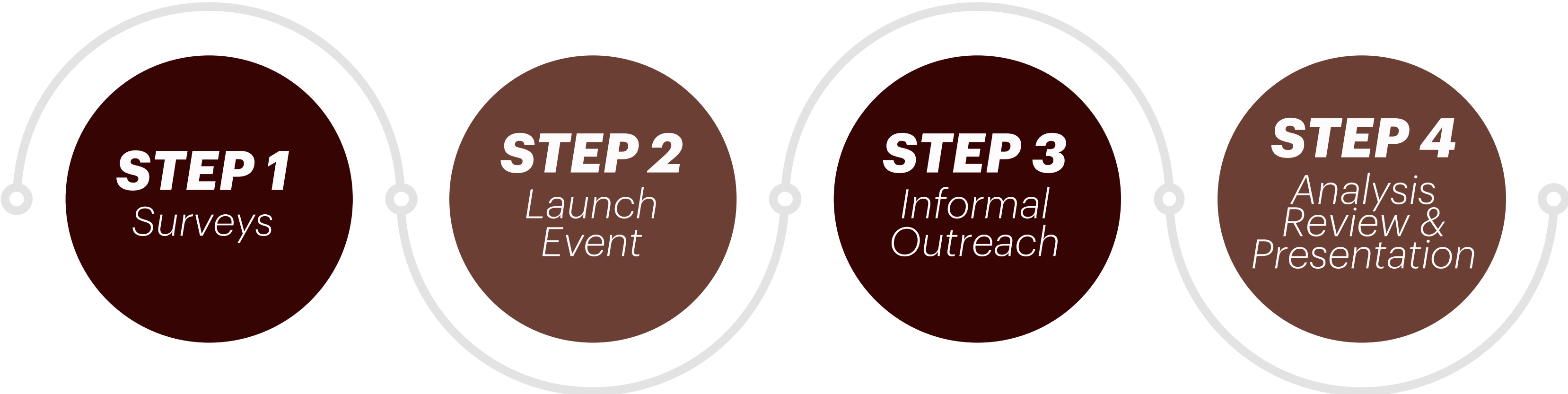
		2030	2040	2050	2060	2070	2080	2090	2100
Bernalillo County	High	766,046	897,826	1,052,274	1,233,292	1,445,450	1,694,104	1,985,533	2,327,096
	Medium	719,100	778,743	843,334	913,282	989,032	1,071,065	1,159,901	1,256,106
	Low	685,565	699,400	713,514	727,914	742,604	757,590	772,879	788,477
Bernalillo County	Medium	719,100	778,743	843,334	913,282	989,032	1,071,065	1,159,901	1,256,106
	Low	685,565	699,400	713,514	727,914	742,604	757,590	772,879	788,477
	Mark of Decline							735,955	728,559
ABQ Westside	High	225,235	263,981	309,392	362,616	424,995	498,105	583,792	684,219
	Medium	211,432	228,988	247,959	268,526	290,798	314,917	341,037	369,324
	Low	201,571	201,571	209,796	214,034	218,357	222,786	227,268	231,859
ABQ Westside	Medium				335,151	363,055	393,282	426,026	461,497
	Low							401,226	409,330

Population Estimations *Continued*



2100 Population Projections				
	Bernalillo County	% Change	Westside Study Area	% Change
2000	556,678	-	128,061	
2010	662,564	19.02%	161,001	25.7%
2020	676,444	2.09%	190,185	18.1%
2022	674,692	-0.26%	198,375	4.3%
2030	685,565	1.61%	225,235	13.5%
2040	699,400	2.02%	263,981	17.2%
2050	713,514	2.02%	309,392	17.2%
2060	727,914	2.02%	335,151	8.3%
2070	742,604	2.02%	363,055	8.3%
2080	757,590	2.02%	393,282	8.3%
2090	735,955	-2.86%	401,226	2.0%
2100	728,559	-1.00%	409,330	2.0%

COMMUNITY ENGAGEMENT PROCESS



STEP 1
Surveys

Both in English and Spanish.

Received 125 Responses.

STEP 2
Launch Event

Introduced the project to the community, explained the analysis and community engagement process, share dates for other events, and started the outreach process.

STEP 3
Informal Outreach

Went into community spaces directly to gather input; speak directly with residents.

Three events at different locations.

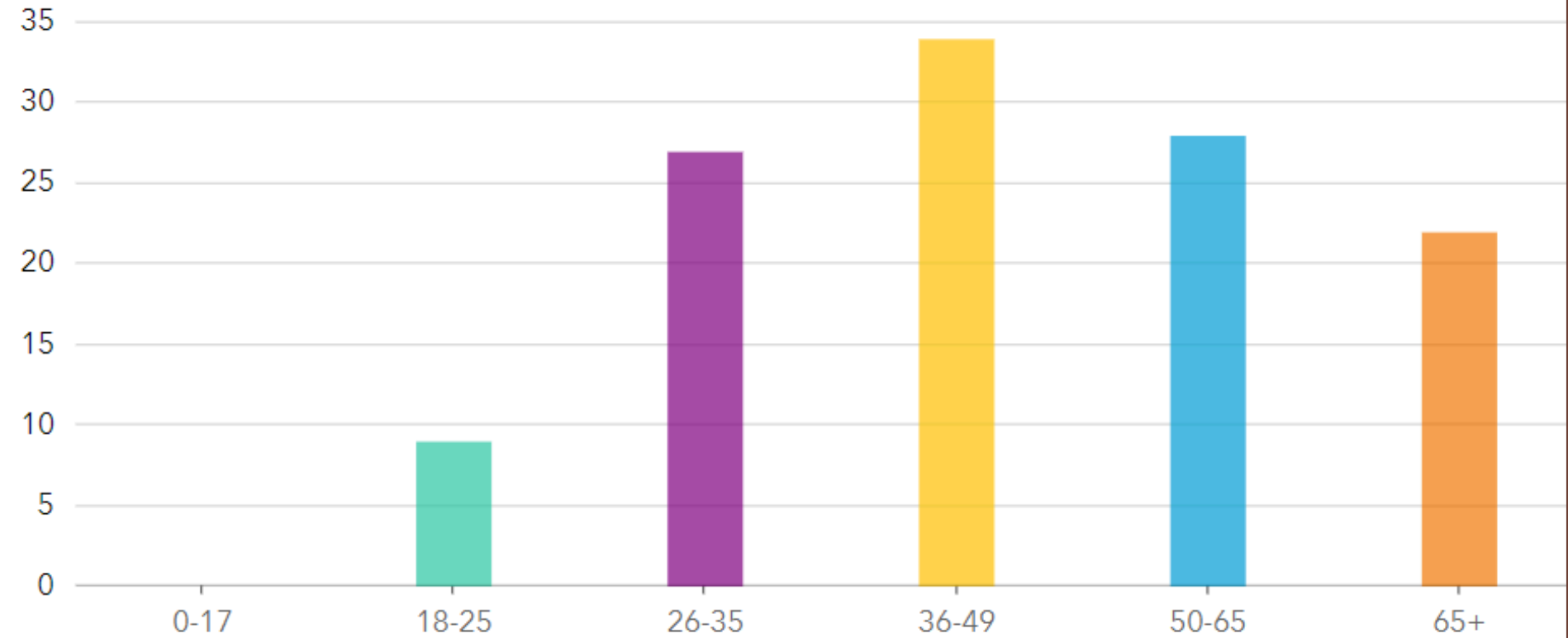
STEP 4
Analysis Review & Presentation

Presentation of the reviewing the results of our research fielding any final questions before the conclusion of the semester.

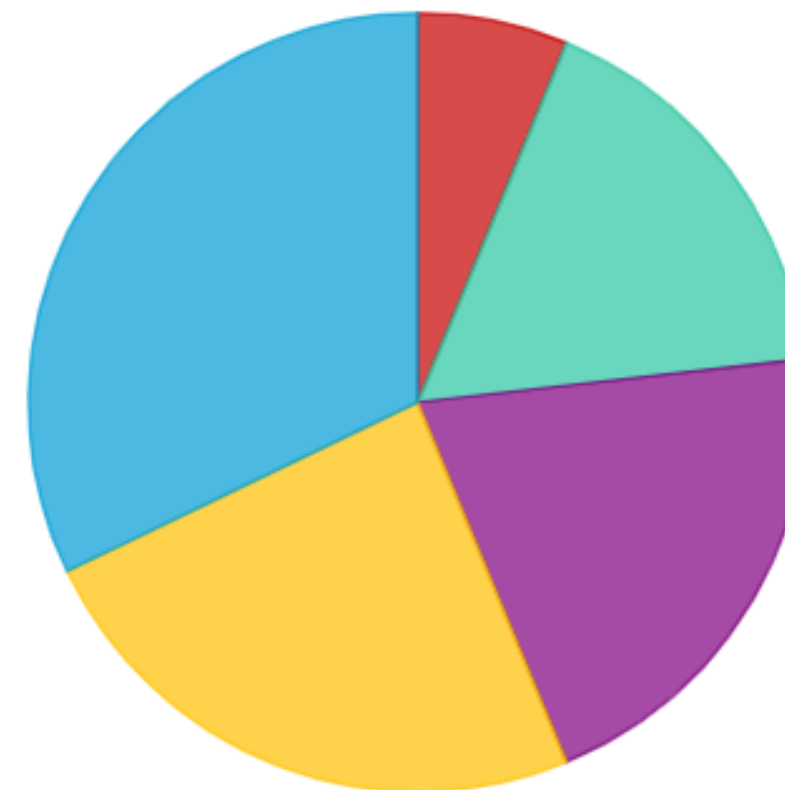
ENGAGEMENT DEMO RESULTS

- 125 Responses from the community.
 - 1 Formal event
 - 3 informal events
-
- Formal Event- Ladera Golf Course
 - 3 informal outreach events- Sobremesa, Mariscos, Westside Tractor

RESPONSES BY AGE GROUP



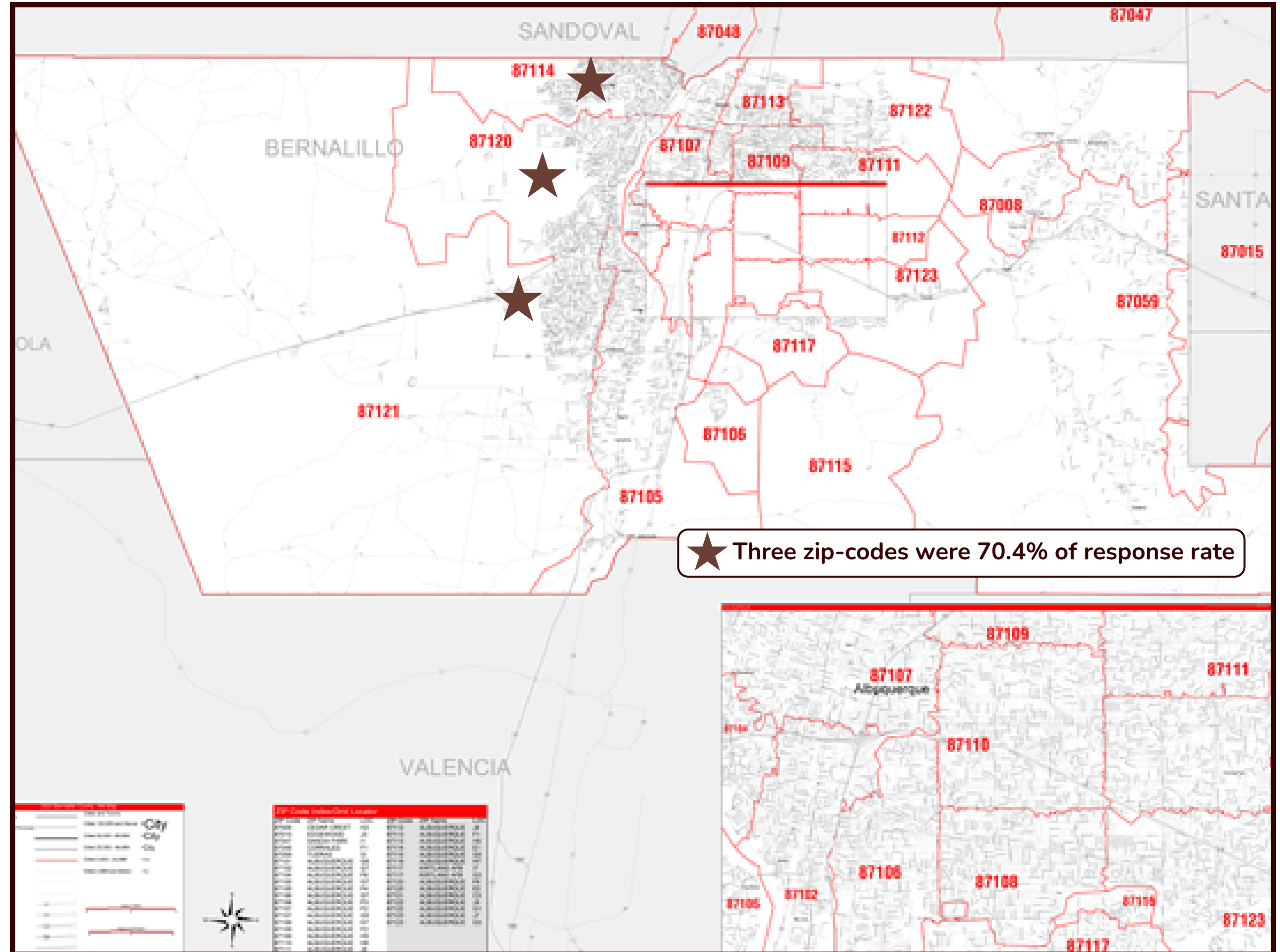
RESPONSES BY INCOME LEVEL



- 0-\$30,000
- \$30,001-\$60,000
- \$60,001-\$80,000
- \$80,001-\$100,000
- \$100,001+

ENGAGEMENT DEMO RESULTS

“This is the first time that I can remember that any entity came out to us in the public and asked us for our opinion and thoughts about our community, Thank you for doing this.”





VISION PLAN FOCUS AREAS

- Growth Scenarios
- Urban Development Patterns
- Economic Development
- Land Use Patterns
- Transportation
- Urban Centers, Corridors, and Cultural Amenities
- Open Space and Trails
- Storm Water Infrastructure
- Water Resources
- Quality of Life

Westside Vision 2100 - Economy Development and Urban Growth Study

URBAN CENTERS / NEIGHBORHOOD CENTERS VISION

VISION STATEMENT

THRIVING URBAN AND NEIGHBORHOOD CENTERS

In the year 2100, Albuquerque Westside stands as a beacon of sustainable and vibrant urban living, characterized by flourishing urban and neighborhood centers. Our vision is to create a community where residents and visitors alike experience a harmonious blend of modernity and tradition, where innovation meets cultural richness.

The Albuquerque Westside 2100 vision revolves around the symbiotic relationship between a thriving Urban Center and flourishing Neighborhood Centers. It is a testament to our dedication to creating a future where innovation, culture, and sustainability coalesce to form a community that stands the test of time. Together, we embark on a journey towards a prosperous and harmonious Albuquerque Westside.

URBAN CENTERS

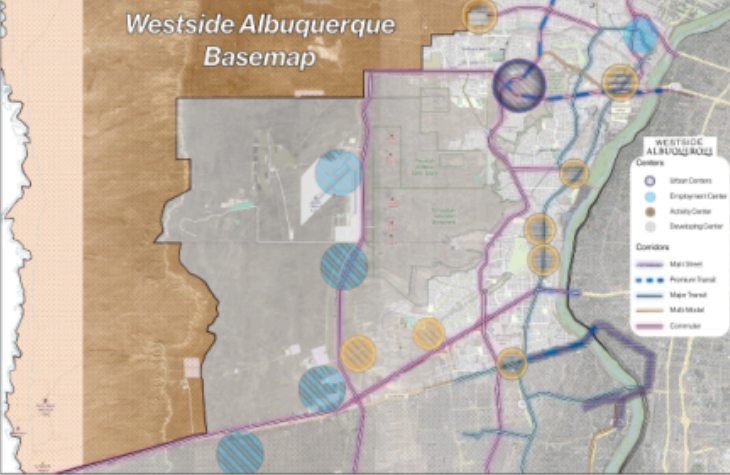
At the heart of our vision is a dynamic Urban Center that serves as the nucleus of economic, cultural, and social activities. Skyscrapers adorned with green facades reflect our commitment to sustainability, harnessing renewable energy and embracing eco-friendly urban design. The Urban Center is a hub for technological innovation, housing cutting-edge industries and research centers that drive progress and prosperity.

Pedestrian-friendly streets and boulevards lined with trees and public art installations create an inviting atmosphere, encouraging community engagement and fostering a sense of unity. Modern public transportation systems seamlessly connect the Urban Center with surrounding neighborhoods, ensuring convenient mobility for all.


NEIGHBORHOOD CENTERS

Surrounding the Urban Center are thriving Neighborhood Centers, each with its unique charm and identity. These centers are designed as inclusive spaces that cater to the diverse needs and preferences of our residents. Green spaces and parks provide recreational opportunities, promoting a healthy and active lifestyle.


Local businesses, from cozy cafes to artisan shops, contribute to the vibrant tapestry of neighborhood life. Educational institutions within easy reach ensure that learning is a lifelong endeavor, fostering a culture of knowledge and curiosity. Neighborhood centers prioritize community-driven initiatives, giving residents a voice in shaping their immediate surroundings.




BASE MAP



NEIGHBORHOOD CENTERS



URBAN CENTERS



DEVELOPING CENTERS



QUALITY OF LIFE

What is it?

- Community health
- Socio-economic impacts
- Local Amenities

Existing Plans

- air quality
- Educational Strategies (charters, Transform traditional spaces)
- petroglyphs, preservation of native lands, cultures, and practices
- art
- Community Centers
- Police





QUALITY OF LIFE

Community Feedback

- Semi Urban focus
- more of an embrace of traditional and natural spaces
- diverse food options
- youth development focus
- being proactive around providing support services to help prevent issues such as homelessness
- not losing sight of the tribal community and how they should be engaged
- more recreational opportunities
- museums
- places to be able to relax and hang out at, entertainment spaces

Potential Recommendations

- Align planning process with other elements including Economic Development processes
- review spaces identified for urban centers and make sure that they are incorporating the surroundings into the plan, making activity centers closer to nature so that it ames for easy transitions etc..



WATER RESOURCES

How we choose to develop impacts water quality, availability, and ecosystem integrity.



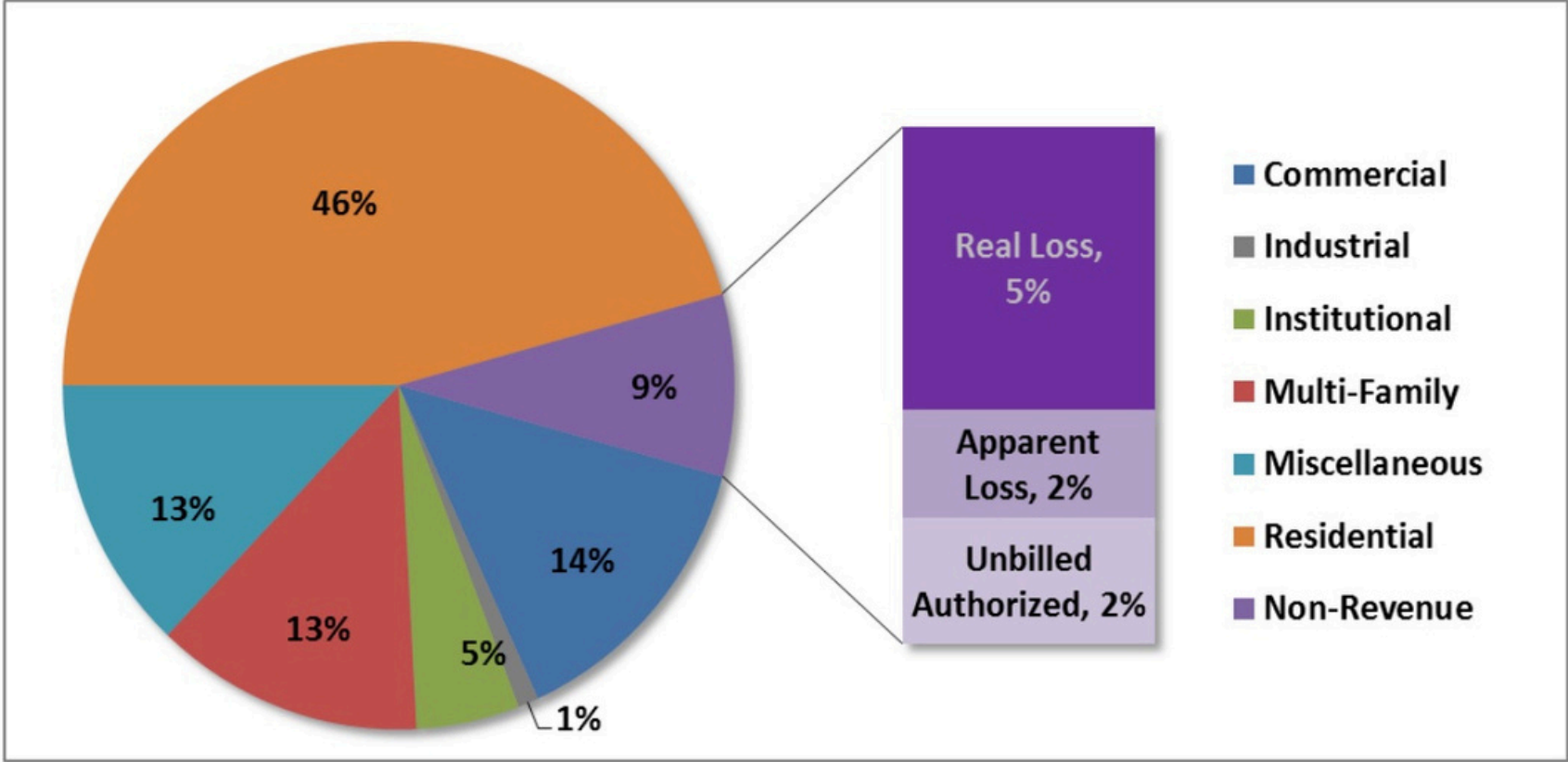
Map of ABCWUA zones in the Westside Vision 2100 Study Area



San Antonio Oxbow

EXISTING CONDITIONS

Figure 2.8. Average Water Demand Percentage by Sector



Note:
^A Non-Revenue water is divided into three components: Real Loss, Apparent Loss, and Unbilled Authorized. Real Loss is physical water lost from distribution up to the point of customer meters. Apparent loss includes metering inaccuracies, data handling errors, and theft. Unbilled Authorized includes uses such as firefighting and well wash operations.

WATER RESOURCES

How we choose to develop impacts water quality, availability, and ecosystem integrity.

COMMUNITY FEEDBACK

- Protection of existing waterways and features
- Development that accommodates growth without compromising water resources and considers unique water context
- Focus on co-benefits



POSSIBLE RECOMMENDATIONS

- Improve strategies for integration of water planning and land use planning
- Implement more ambitious conservation targets - especially for new development
- Prioritize improvement of wastewater reclamation capacity



Rendering of possible water & land use planning integration

Proposed ABCWUA Westside Bosque Reuse Project



Bosque Water Reclamation Plant
Source: Feasibility Study for Bosque and Tjeras Reuse Projects, 2012



OPEN SPACE AND TRAILS

EXISTING PLANS

Existing plans for open space and trails that are outlined in the Albuquerque-Bernalillo Comprehensive Plans focus on promoting parks and open space as **economic engines** and quality-of-life enhancers underscore the interconnectedness between urban development, **environmental stewardship**, and community well-being.

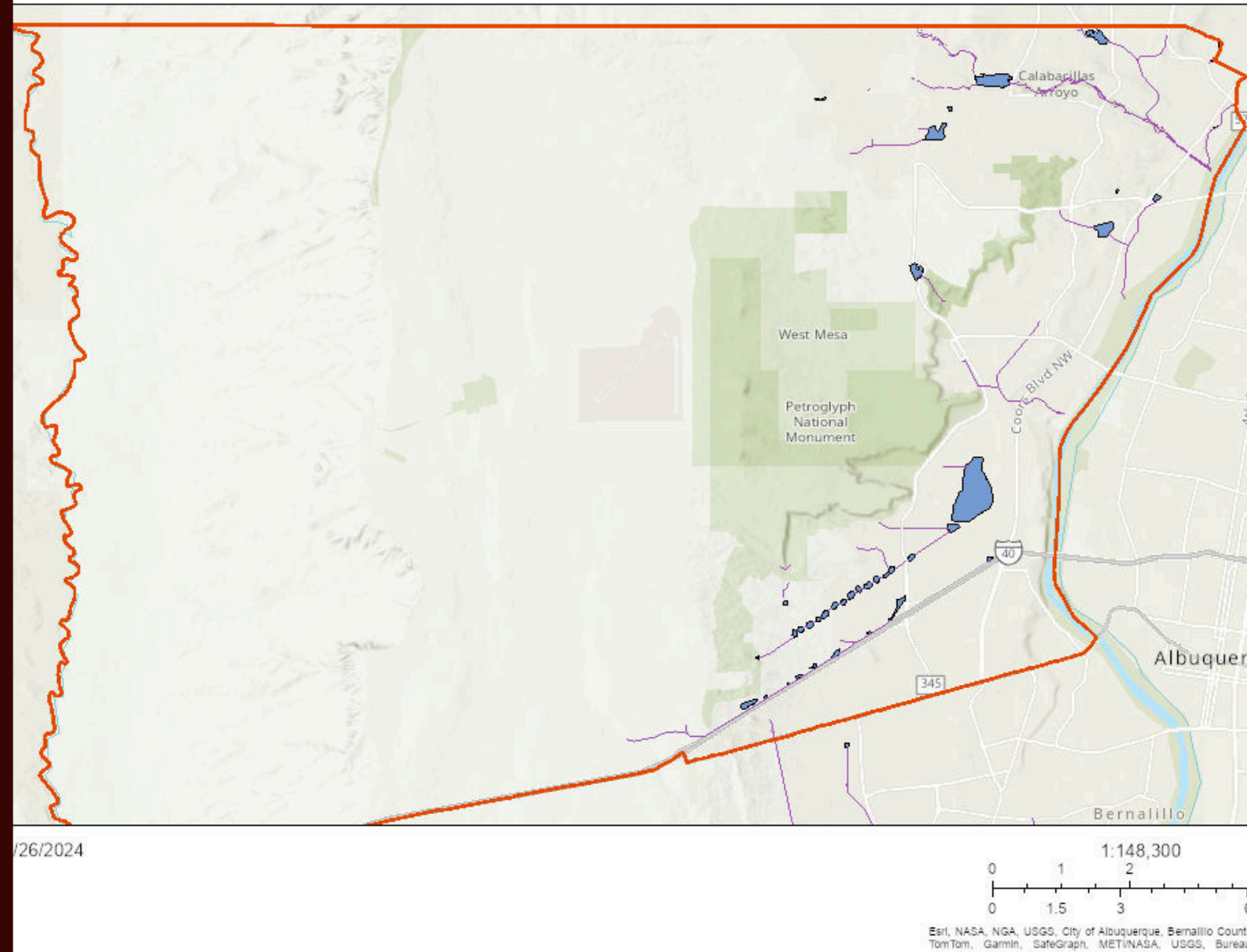
COMMUNITY FEEDBACK

- Preserve remaining open space
- More cultural and recreational amenities within the new and existing open space (not just empty fields)
- Possible development of more agricultural space to assist the local food supply chain

RECOMMENDATIONS

- Development of Maintenance Procedurals
- General Conservation
- Implementation of Safety Measures
- Improved Wayfinding
- Infrastructure Development

AMAFCA Drains & Swales/Basins



STORMWATER INFRASTRUCTURE

How will population growth and development, climate change impact stormwater management needs?

EXISTING CONDITIONS

- AMAFCA improving stormwater management strategies on westside
- Gray v. Green Stormwater Infrastructure
- Runoff impacts to downstream communities
- Water quality concerns



From Left:
Stormwater Volcano;
Mariposa Park Wetlands;
Piedras Marcadas Basin & Trail

STORMWATER INFRASTRUCTURE

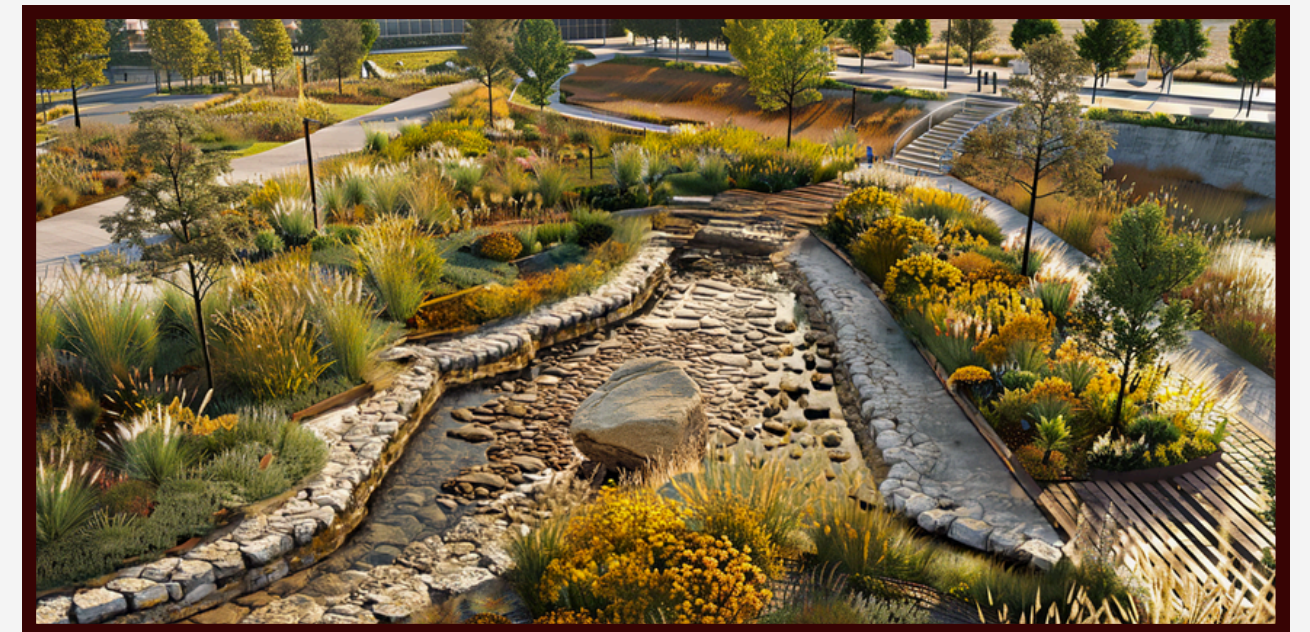
How will population growth and development impact stormwater management needs?

COMMUNITY FEEDBACK

- More multi-use, green infrastructure
- Focus on co-benefits - water quality, flooding, trail networks, wildlife habitat, urban heat, greener development

POSSIBLE RECOMMENDATIONS

- Invest in multi-use, green stormwater infrastructure
- Planning for integration of stormwater management, urban development, wildlife habitat, open space, and quality of life factors
- Manage stormwater onsite, where runoff begins



Renderings showing potential options for improved stormwater management alongside urban development planning

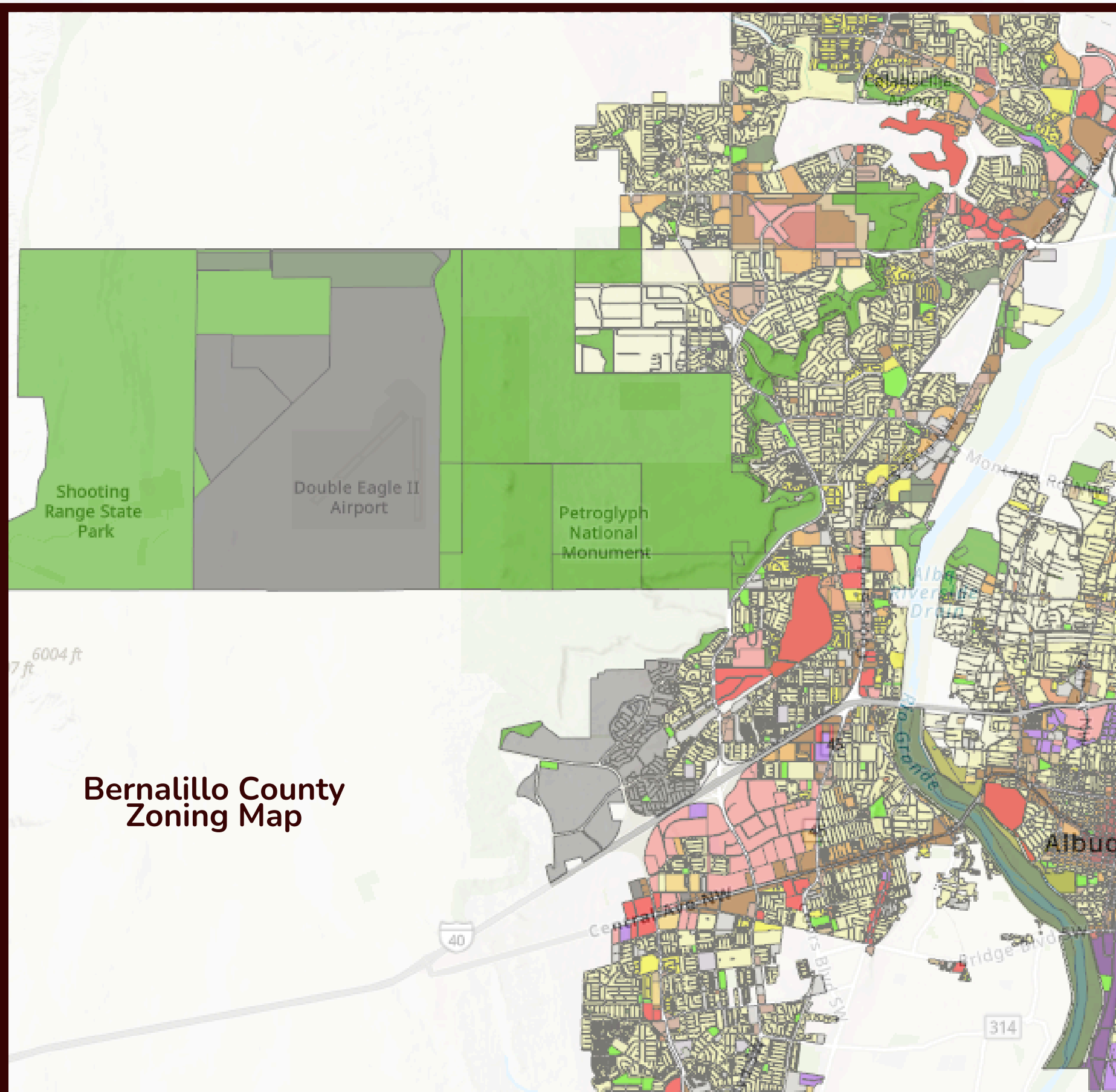
LAND USE PATTERNS

WHAT IS IT?

Different land use patterns determine how communities are spatially organized with lasting impacts to the landscape. Land use patterns can also shape how people conceptualize property use.

EXISTING CONDITIONS

- Suburban “sprawl” development
- Separation between commercial, residential, open space based on zoning codes
- Overlays
- Shift toward multi-use, form-based code



LAND USE PATTERNS

COMMUNITY FEEDBACK

- Consider geography and geology in land use decisions
- Some overlays need to be expanded
- Rank II/Rank III plans, community character needs greater emphasis
- Increase access between local businesses, residential areas, and open spaces
- Implement buffers between large scale development & neighborhoods, natural & cultural areas

POSSIBLE RECOMMENDATIONS

- Expand overlays impacting views, historic character
- Acquire land to preserve as open space around Petroglyph National Monument
- Create process for addressing Rank II and Rank III plan considerations in Comp Plan and IDO decisions
- Consider cultural and natural geography of local landscape in land use planning & zoning decisions



Rendering showcases integration between open space and residential or commercial areas



URBAN DEVELOPMENT PATTERNS

EXISTING PLANS

Existing plans highlight that the city must first receive adequate increases in both density within existing developed areas, drawing development temporarily away from outlying areas to encourage more compact, mixed-use development patterns that can better promote efficient land use as well as the implementation of improved transportation systems while also protecting the study area's rapidly declining natural resources.

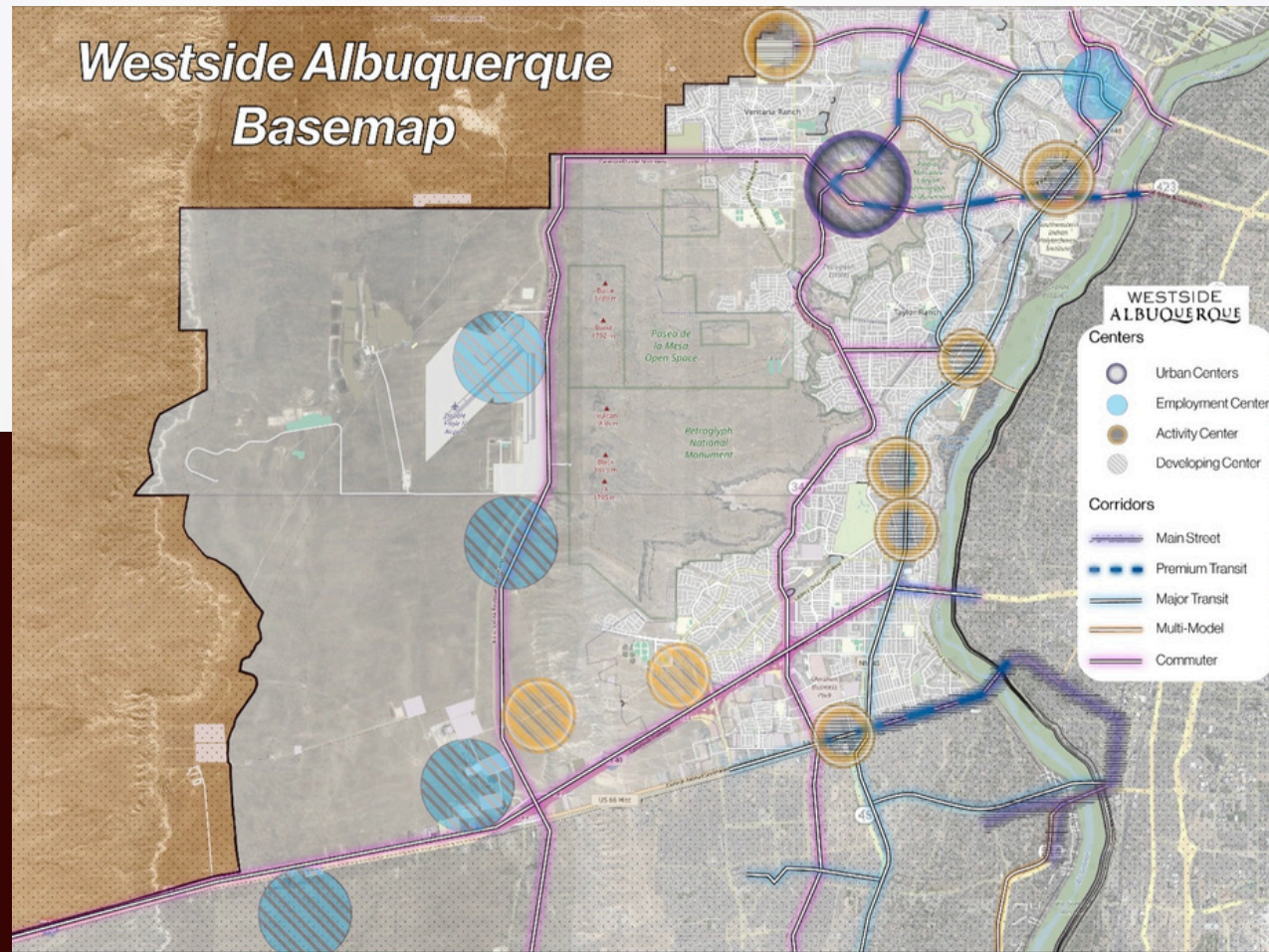
COMMUNITY FEEDBACK

- More Variety in Housing Options and Urban Spaces
- As much preservation of remaining open space as possible to main rural areas
- Focus on adapting existing space not just adding new ones

RECOMMENDATIONS

- Improved Community Outreach for Equitable Development
- Implementation of more Mixed-Use and Transit Oriented Developments
- More Affordable Housing and Housing Variety
- Green Infrastructure centered around Sustainability

URBAN CENTERS AND CORRIDORS

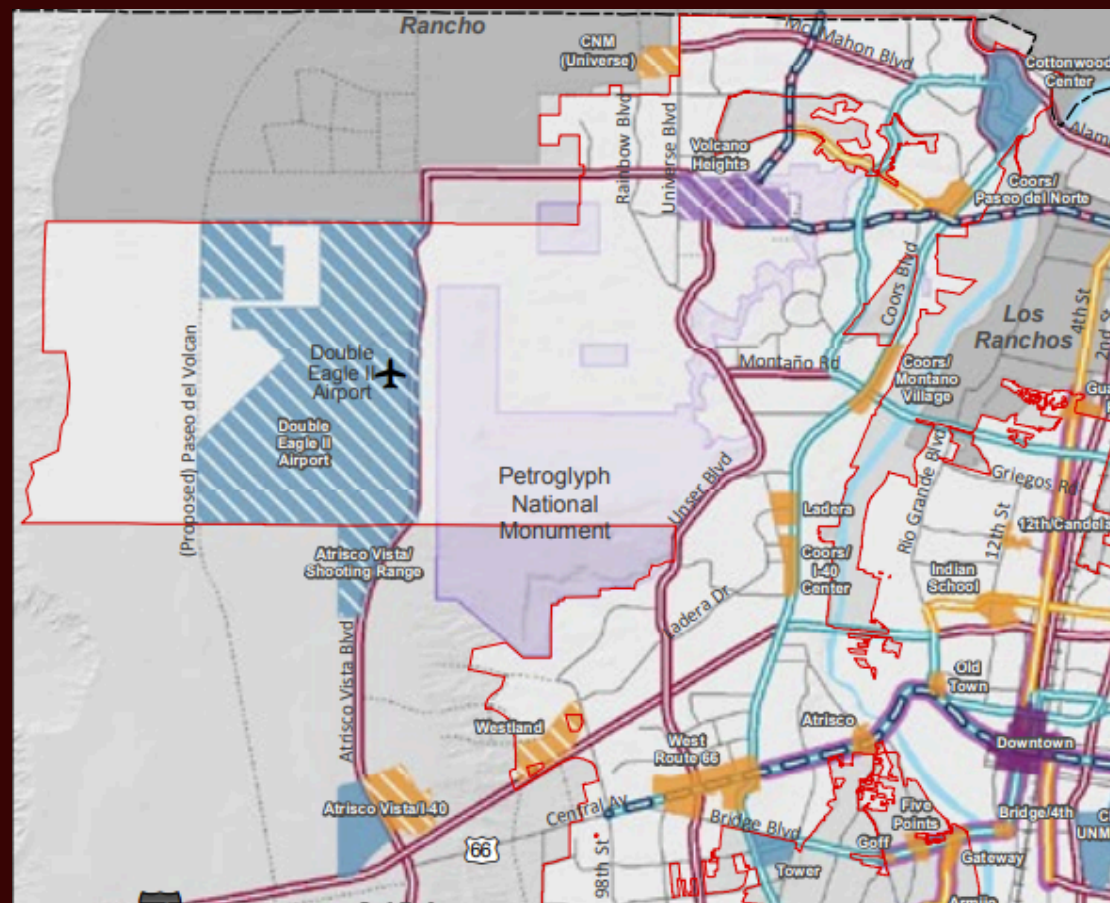


WHAT IS IT?

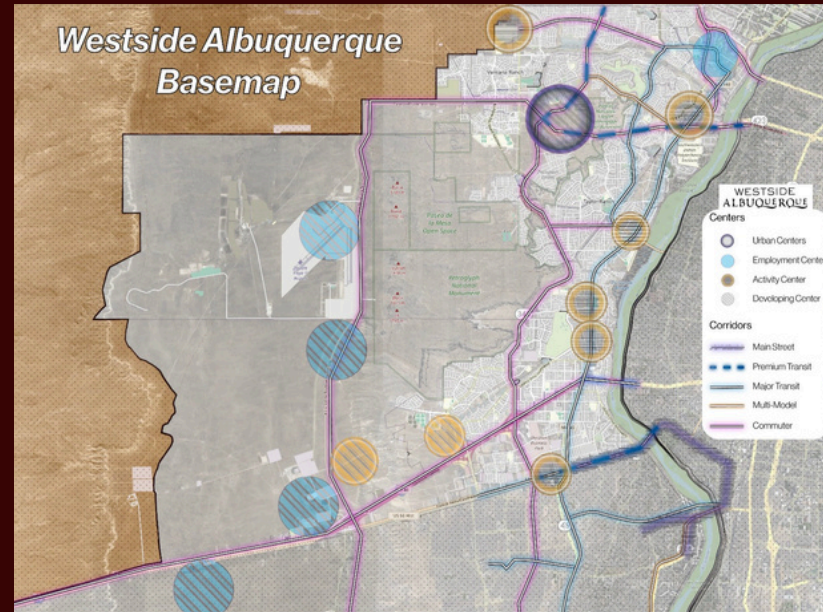
Nodes of activity within communities intended to increase community self-sufficiency and sustainability

EXISTING CONDITIONS

- Current centers: Arroyo Vista and L, Coors & Montañó, Coors & Central
- Urban centers, employment centers, activity centers identified in comprehensive plans



URBAN CENTERS & CORRIDORS



COMMUNITY FEEDBACK

- Consider geography, viewsheds, community character, quality of life, current economic conditions in center identification
- Want policies that support local southwestern aesthetics within centers & corridors
- Concerns about urban center development negatively impacting Petroglyph National Monument

POSSIBLE RECOMMENDATIONS

- Adjust center development based on community goals
- Consider noise pollution, air quality, urban heat, other community health/quality of life implications of urban center & corridor development
- Establish buffers between centers and natural areas
- Designate additional scenic corridors



TRANSPORTATION

EXISTING PLANS

Over-reliance on personal automobiles as a significant challenge, limiting opportunities for other transportation options. Despite the growing recognition of the need for biking, walking, and transit infrastructure, current options often fail to meet the needs of the majority of the population. Inconvenient or uncomfortable biking and walking routes, coupled with inadequate transit services, discourage people from opting for these modes of transportation, perpetuating the dominance of cars on the roads. Although lack of adequate road maintenance spurs resident dissatisfaction.

COMMUNITY FEEDBACK

- Focus on Mitigation of Traffic Congestion
- Road Maintenance and Expansion Concerns
- Overall negative public opinion of existing transportation infrastructure

RECOMMENDATIONS

- Focus on Investment and Maintenance
- Implementation of ITS and Security Framework
- Improved Connectivity
- Balanced Commuter / Resident Ratio



ECONOMIC DEVELOPMENT



COMMUNITY FEEDBACK

- More opportunities for youth growth
- More local business incubation
- transferring or duplicating work opportunities from east to west
- When creating the spaces, do not build up, keep the integrity and identity of the westside

DEFINITION

The growth of community focused around growth of job opportunity, wealth, and creating the space both physically, legally, and philosophically.

CURRENT POLICIES & PLANS

- Aerospace, bioscience, renewable energy, media & film, manufacturing,
- GRIP, IRB are some examples of processes to make economic development possible, such as zoning etc..
- Double Eagle Airport and the Economic Development Endowments around it



ECONOMIC DEVELOPMENT



POTENTIAL RECOMMENDATIONS

- Review GRIP, IRB, LEDA, and existing endowment contracts to identify gaps in the projects and properties to incorporate more intentionality with youth development opportunities, as well as natural, cultural, and artistic lens.
- look for existing structures to renovate into business incubators
- More local business incubation
- transferring or duplicating work opportunities from east to west
- prioritize future economic development projects that renovate and innovate existing spaces, before creating new
- create more consistent opportunities by expanding the budget to engage with the community in both formal and informal settings around conversations for planning and economic development.
- require more alignment and braiding of economic development into other elements of comprehensive planning

***THE FUTURE OF
WESTSIDE VISION
FOR 2100***

Connect with our team!

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