

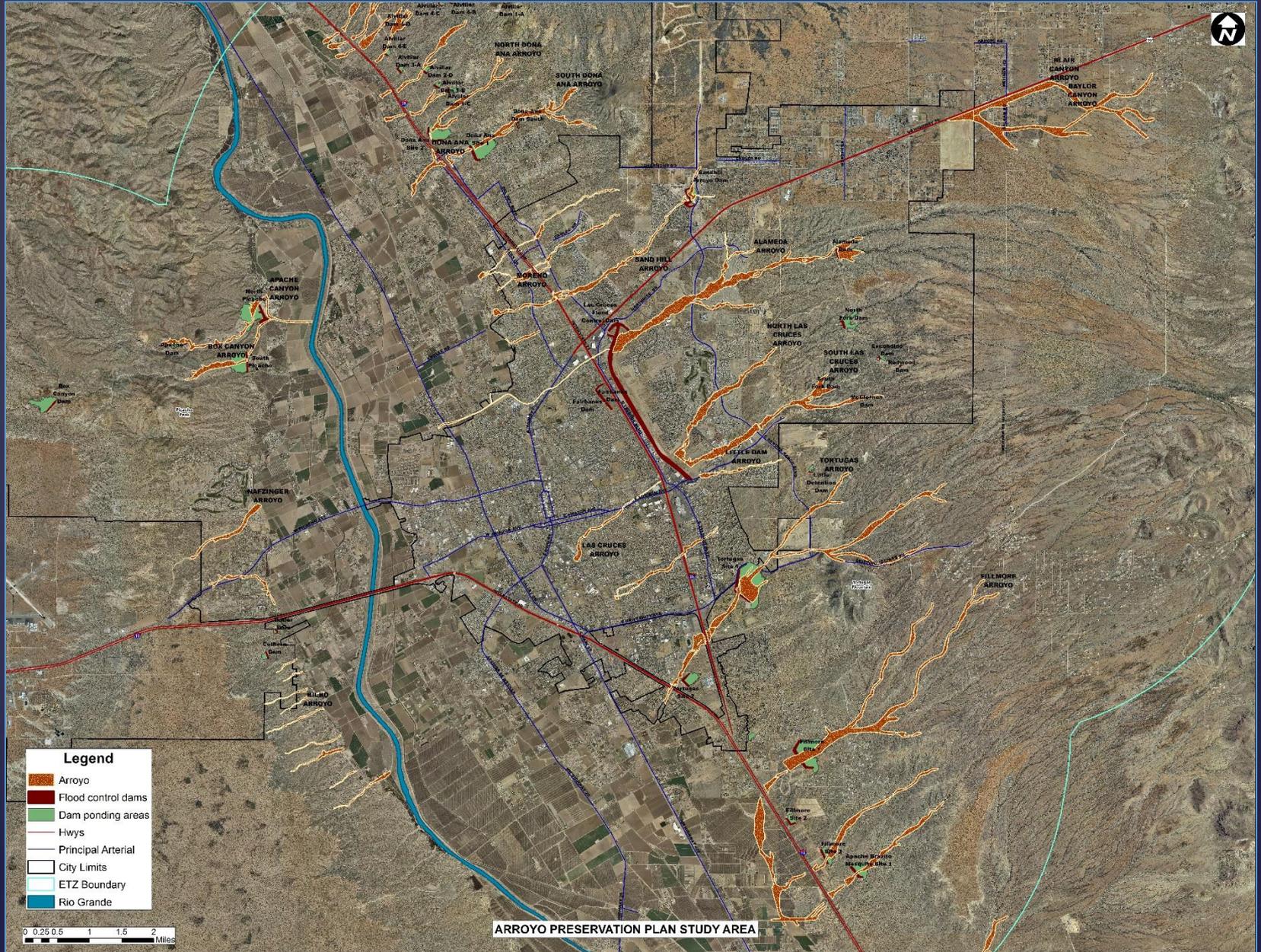
# ARROYO PRESERVATION PLAN

April 24, 2014

“...consider maintaining the aesthetics of natural watercourses due to their assets to the community and subdivision itself.”

*Rules and Regulations Governing the Subdivision of Land within the City of Las Cruces, 1956.*

# STUDY AREA



# PLAN BACKGROUND

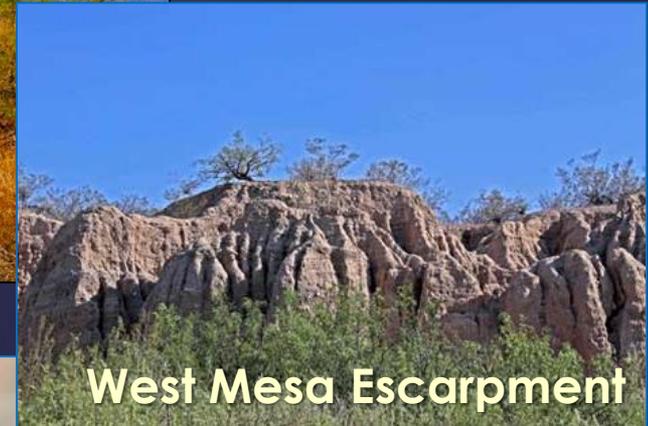
- Rules and Regulations Governing the Subdivision of Land within the City of Las Cruces, 1956
- 1968 *Comprehensive Plan*
- 1975 City of Las Cruces *Land Subdivision Regulations*
- *Storm Water Management Policy Plan*, 1992
- *Comprehensive Plan*, 1999
- *Storm Water Management Plan (SWMP)* 2009
- Mesilla Valley Metropolitan Planning Organization *Transport 2040* Transportation Plan (Transport 2040), 2010
- *One Valley One Vision 2040* Regional Plan, 2012
- *Parks and Recreation Master Plan*, 2013
- *Comprehensive Plan 2040*, 2013

# PURPOSE

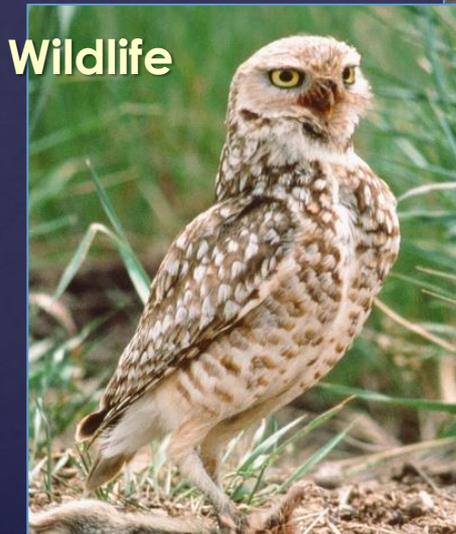
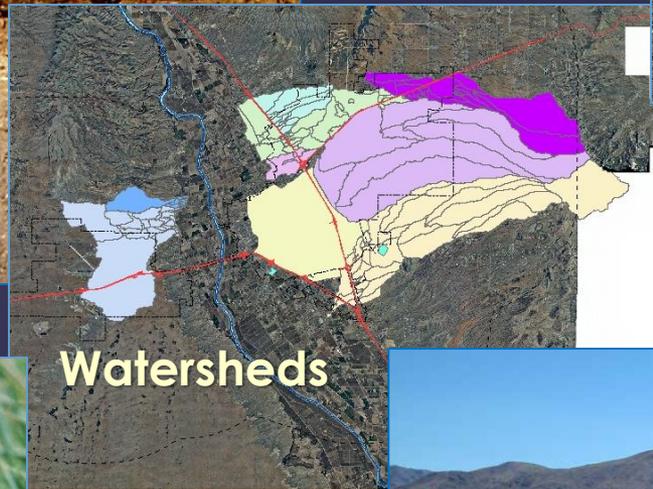
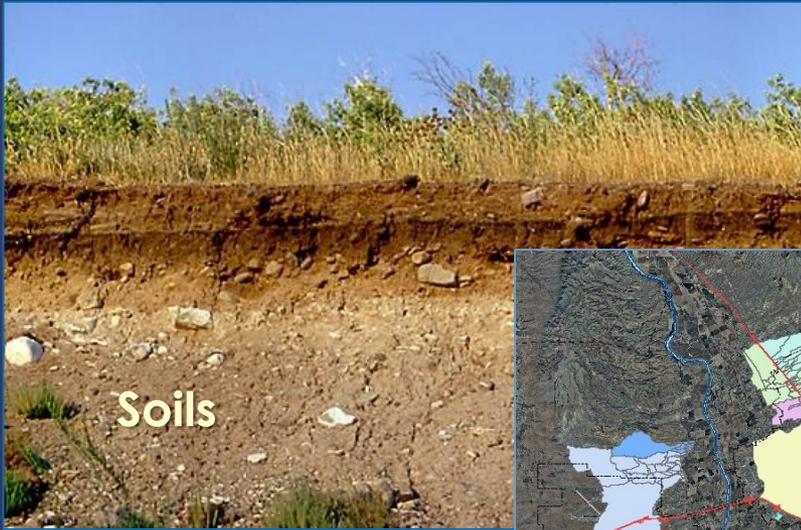
Provides policy guidance:

- Improve flood control & drainage functions;
- Protect arroyos in their natural state;
- Protect native vegetation and wildlife habitat;
- Help protect private property;
- Accommodate and protect essential utility installation and maintenance;
- Help improve stormwater quality;
- Increase protected open space;
- Increase trails and trail connectivity; and
- Provide additional recreational opportunities.

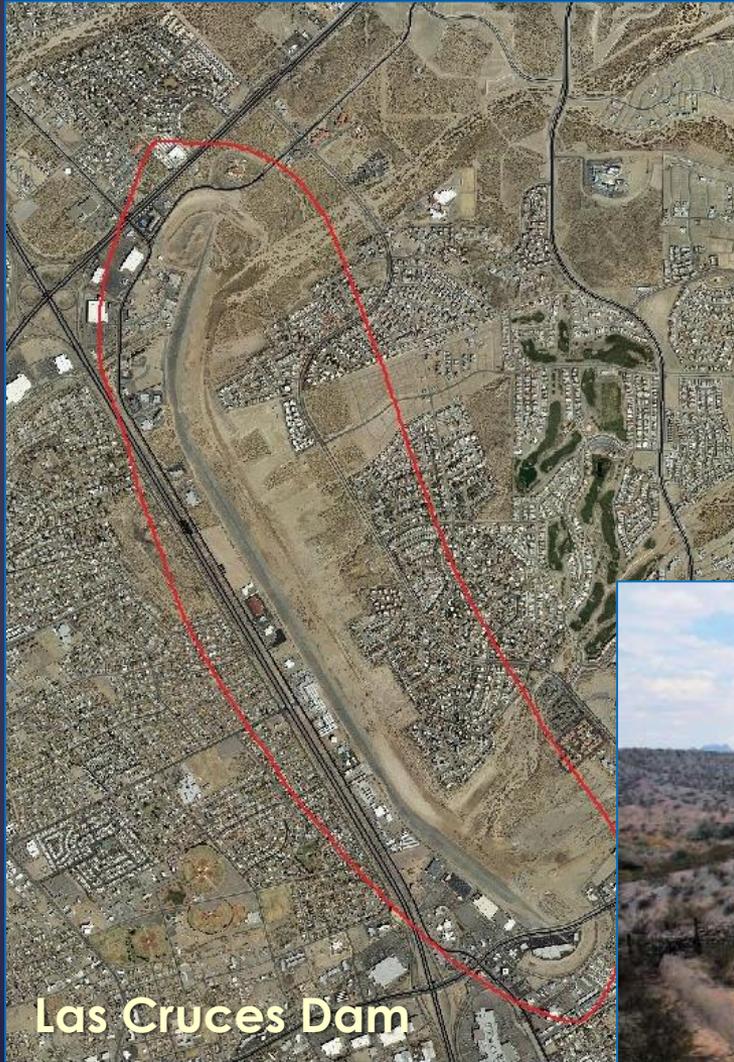
# WHAT IS THE REGION LIKE?



# WHAT IS THE REGION LIKE?

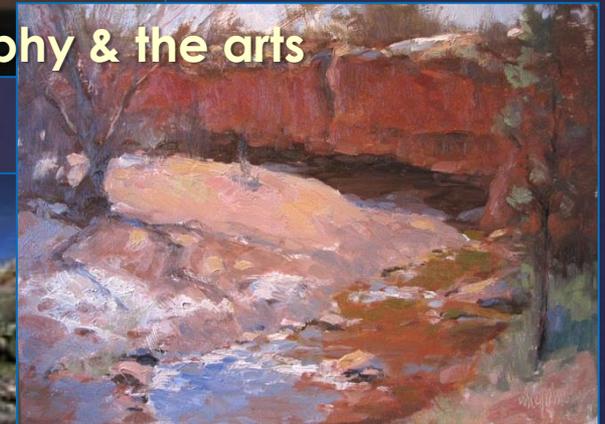
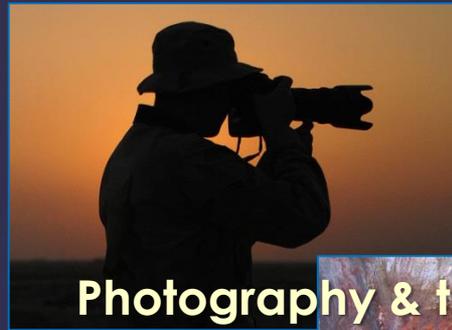


# WHAT IS THE REGION LIKE?



South Fork Dam

# WHAT IS THE REGION LIKE?



# ISSUES, CHALLENGES & OPPORTUNITIES

- Development pressure & stormwater management
- Erosion, sedimentation & slopes





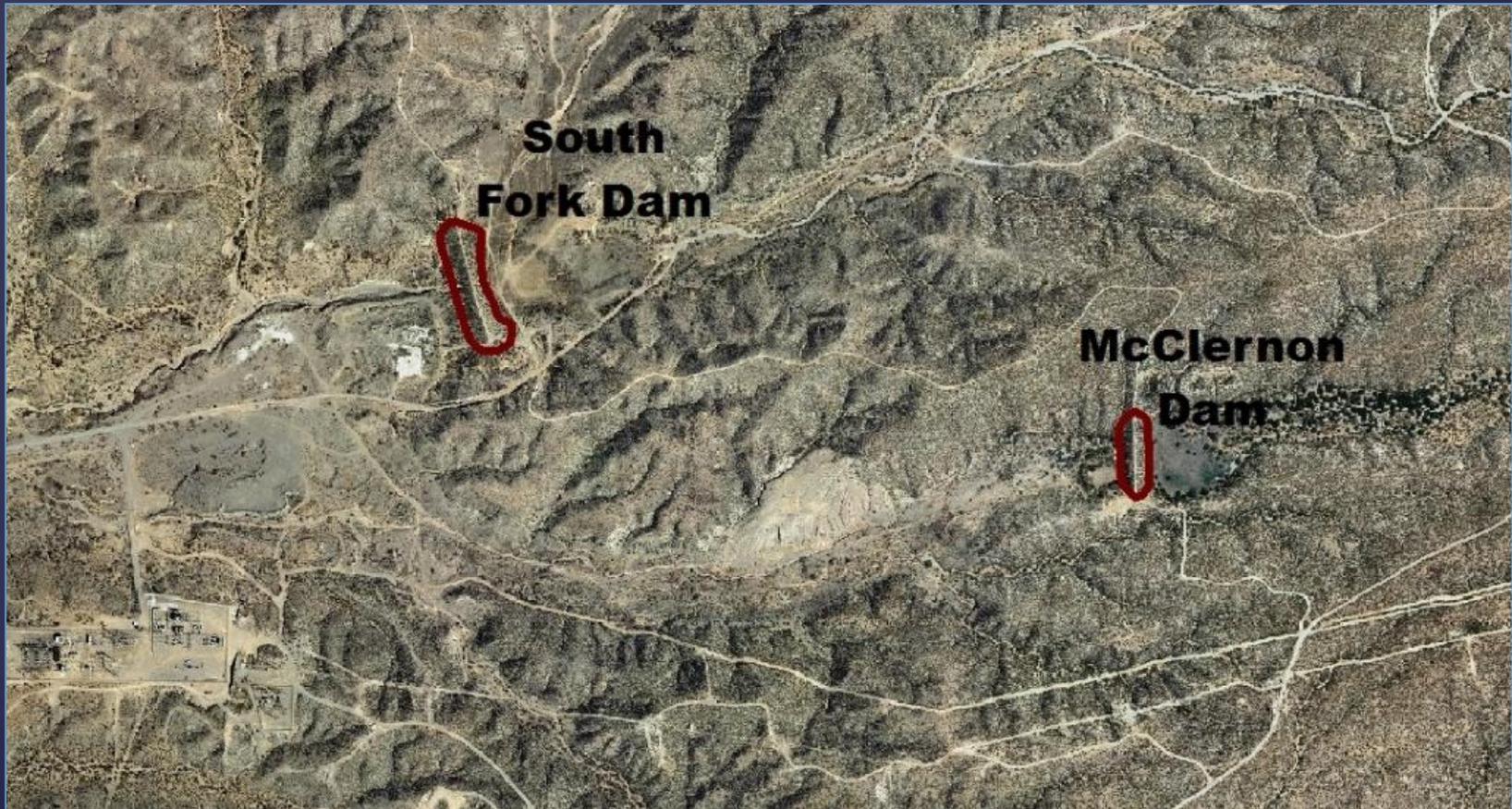
- Utilities installation & maintenance

South Fork Arroyo



Alameda Arroyo

- Dam functionality



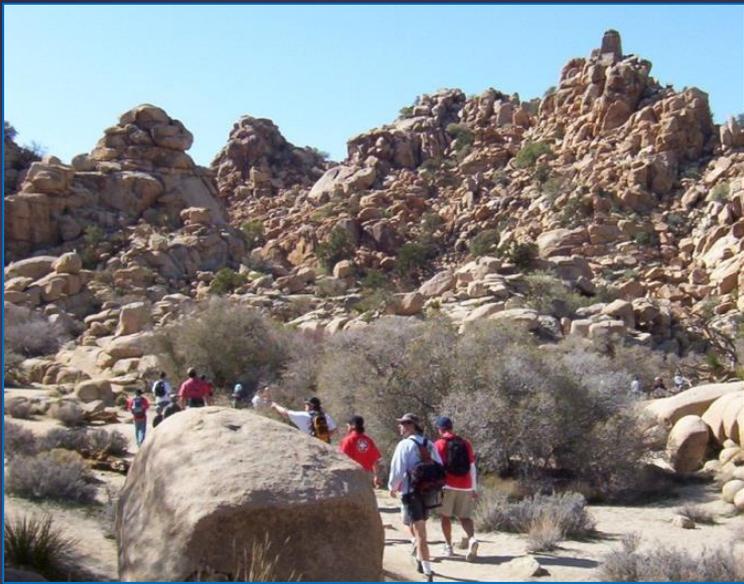
- Future climate variability



- Reduction or elimination of wildlife corridors



Michael Macor / The Chronicle



- Quality of Life: Untapped economic development potential

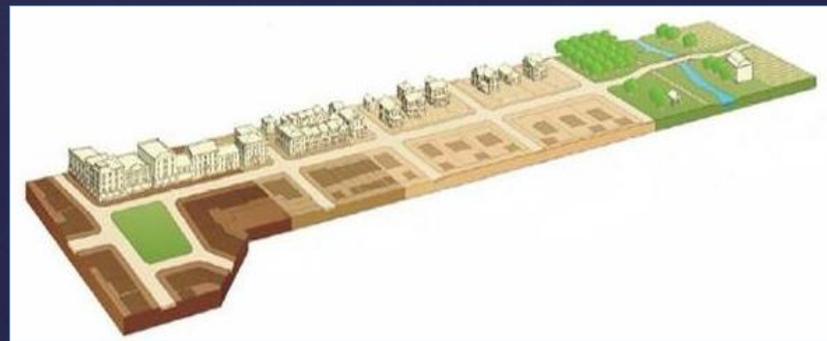
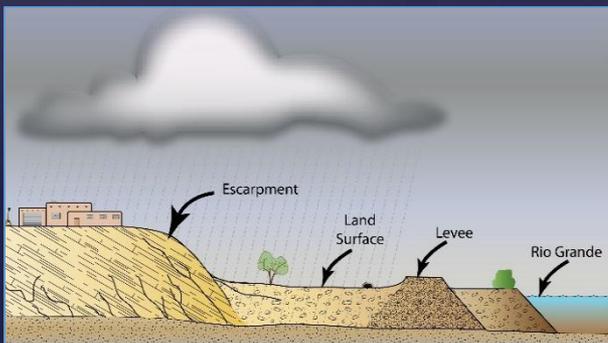
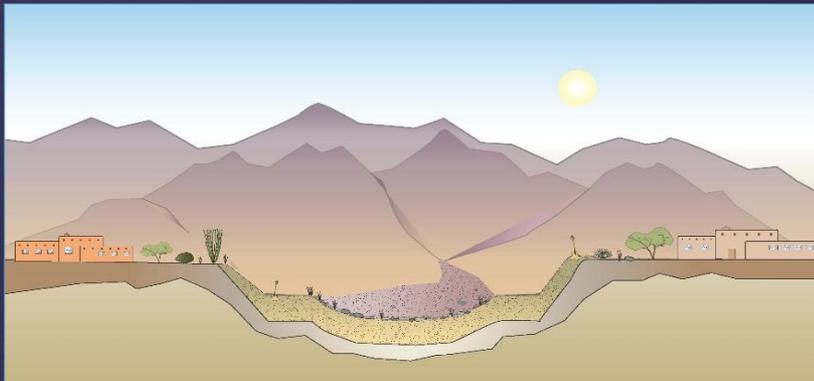


# GOALS, POLICIES & ACTIONS

- Goals: Represent an ideal future condition or long-term end state that the City strives to achieve, but which are not necessarily measurable.
- Policies: Statements that guide action and imply clear commitment toward achieving or advancing a goal
- Actions: Procedures, programs, or techniques to carry out a policy or goal

# LAND USE

- GOAL 1: Manage arroyos holistically.
- GOAL 2. Improve the safety of the flood control dams and restore native vegetation in the storage pool areas.
- GOAL 3. Improve road crossing infrastructure.



# ENVIRONMENT

- GOAL 4: *Protect and maintain natural habitat & wildlife connectivity.*



# COMMUNITY FACILITIES

- GOAL 5: *Minimize impacts created by development and human activities.*
- GOAL 6: *Create a plan for a continuous system of regional trails.*
- GOAL 7: *Create design guidelines for trails and trail crossings.*



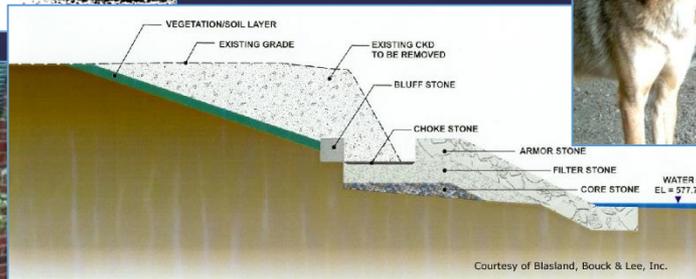
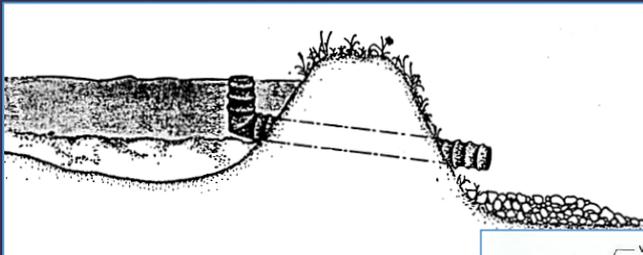
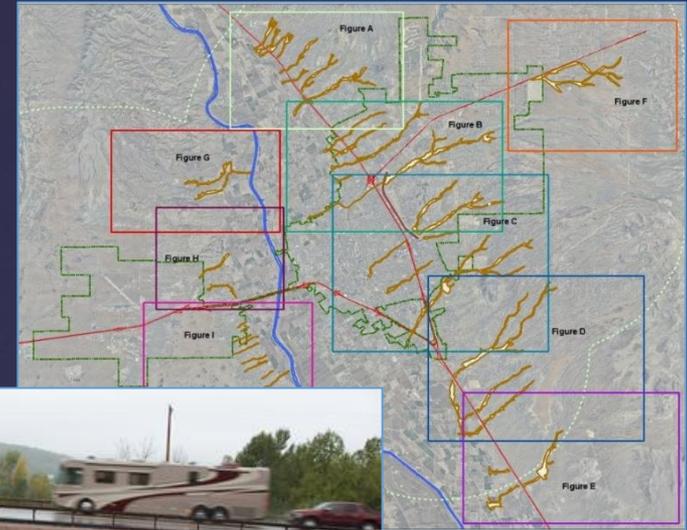
# UTILITIES & STORMWATER MANAGEMENT

- GOAL 8: Create safe and effective engineering standards for flood control and conveyance.
- GOAL 9. Minimize soil and slope instability, erosion, sedimentation and water run-off.
- GOAL 10: Improve the safety and efficiency of utilities installation.



# APPENDICES

- Detailed maps
- Planning background
- Flood control dams
- BMPs
- Illustrations
- Suggested treatments



# ARROYO BUFFERS

## LAND USE

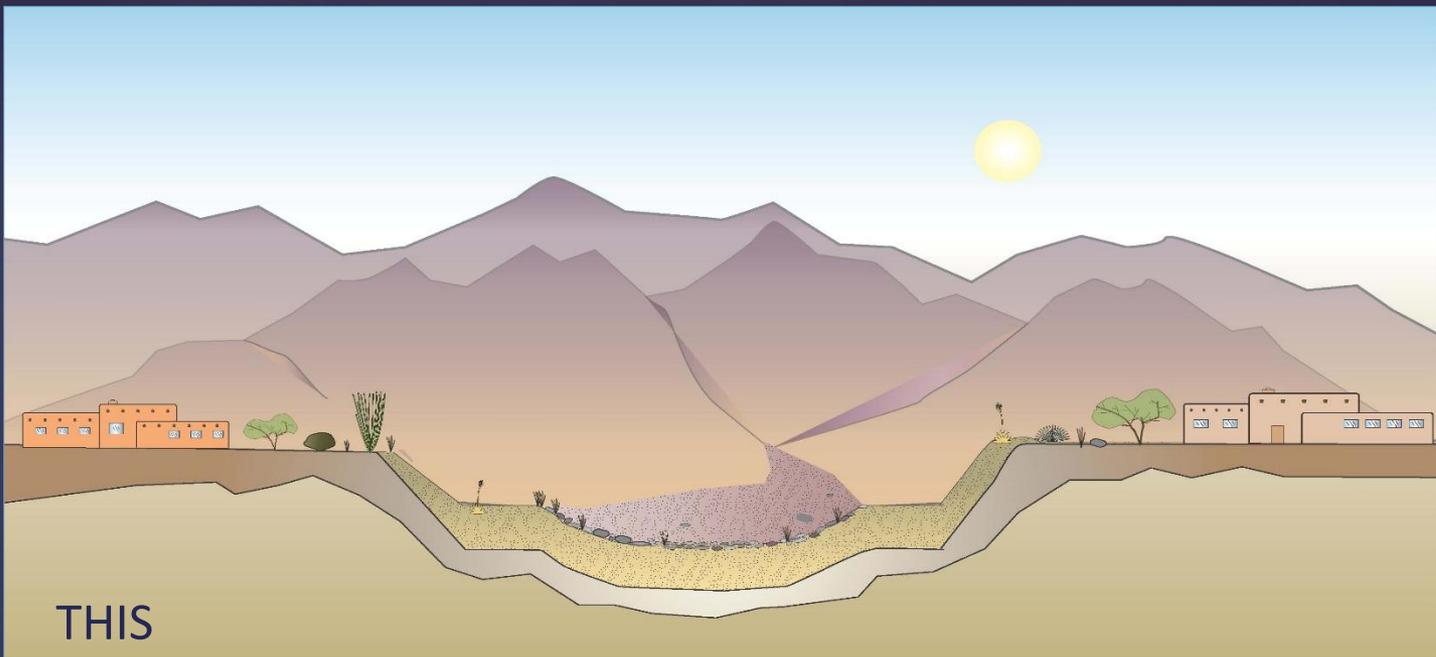
GOAL 1. Manage growth and development in such a way to make sure that the full potential of arroyo systems as a community asset is realized.

## Policies:

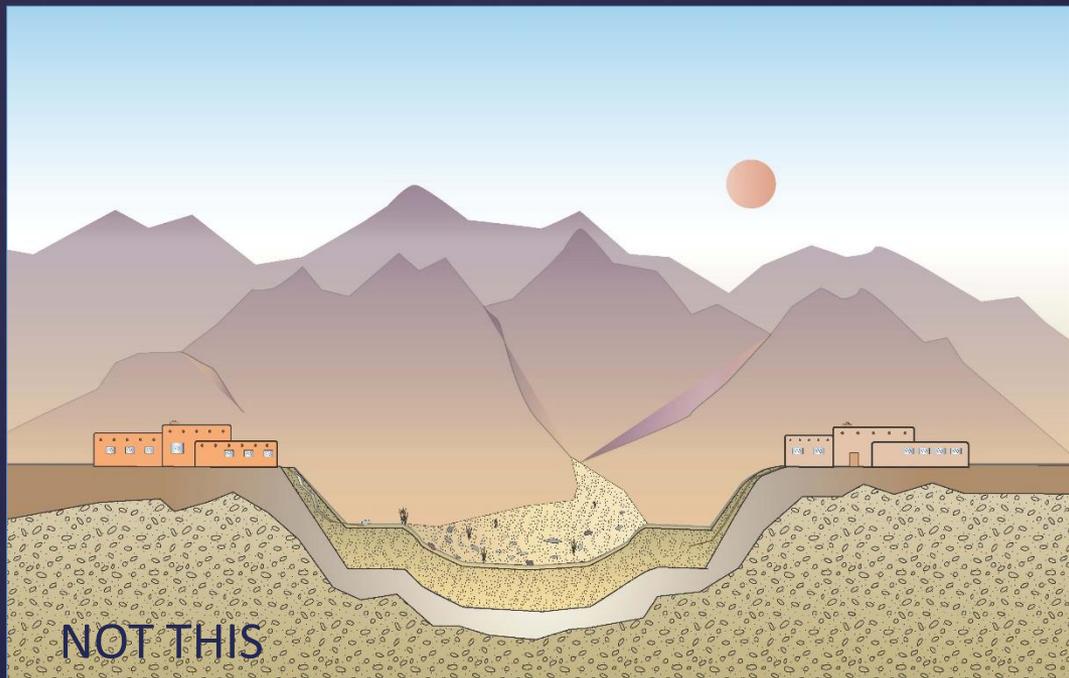
1.1 Establish a buffer for each major arroyo within which no development may take place.



How do we  
determine buffers?



THIS



NOT THIS

# NEXT STEPS

- April = Public comment period
- May 1 – 15 = Plan revisions
- May/June = Planning & Zoning Commission WS & public hearing
- June/July = Council WS & public hearing



# THANK YOU!

Questions?



[www.las-cruces.org/protectarroyos](http://www.las-cruces.org/protectarroyos)

[cmccall@las-cruces.org](mailto:cmccall@las-cruces.org)

575.528.3209