



BERNALILLO COUNTY OPEN SPACE

UNM North Golf Course Project Update



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Bernalillo County Parks & Recreation



The Team:

UNM

Bernalillo County

North Campus Neighborhood

Association

AMAFCA

Dreaming of a special place....

- Late 1930's -- Thomas Popejoy leads effort to build a University golf course
- 240 acres of east mesa grassland secured for one dollar!
- William Tucker contracted to design 27 hole golf course
- Community members are actively involved from the beginning in the planning, design and securing of resources for the golf course

A golf course for the people....

- Completed course stretches from Central Avenue to the future Indian School Boulevard
- Community actively contributes trees etc.
- Becomes last WPA project in NM -- completed in 1942
- Becomes 1st integrated golf course in ABQ



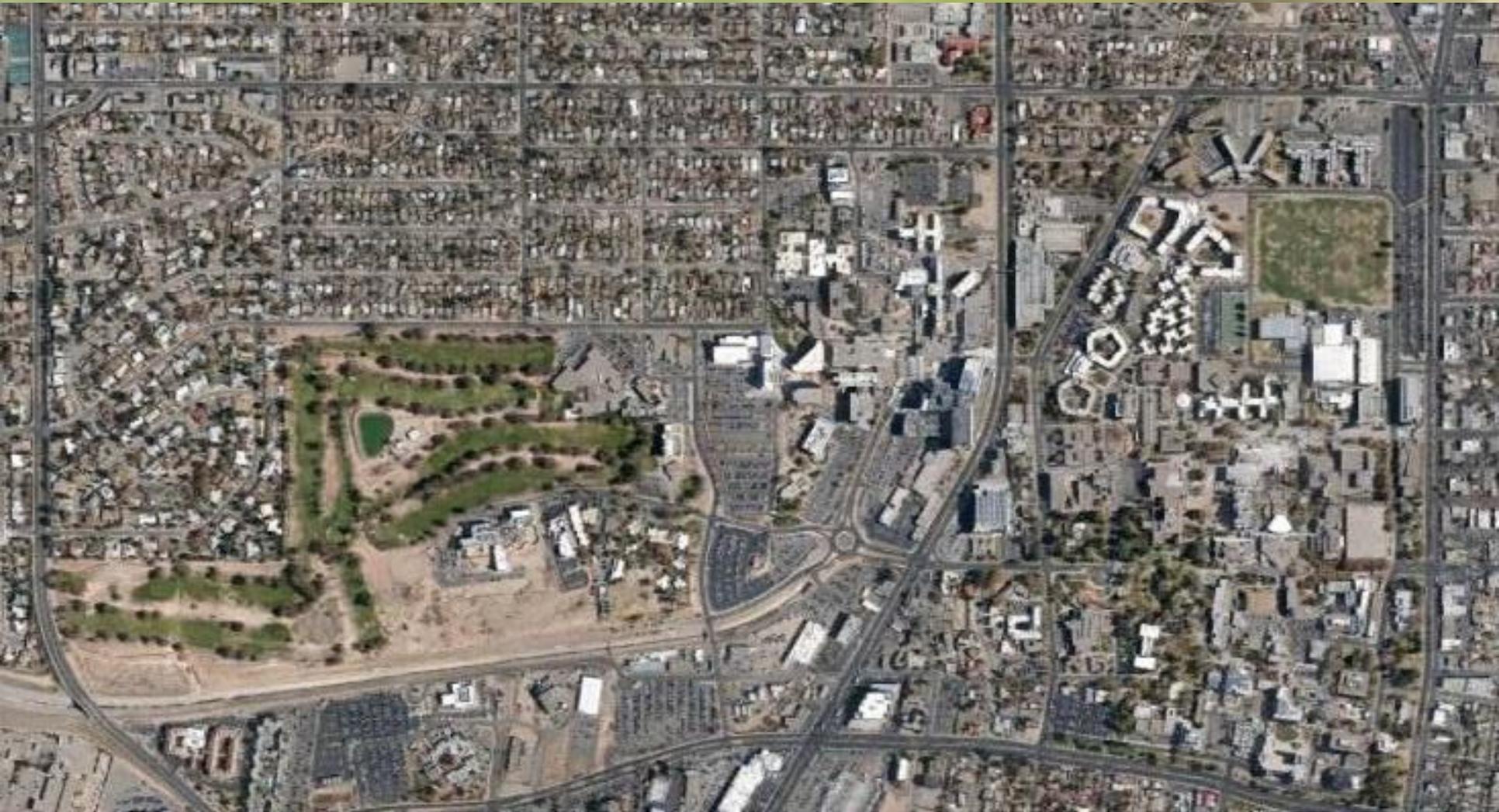


What happened?

- As University grows, golf course is reduced to back nine holes
- Golf course becomes an important informal open space amenity for university community and adjacent neighborhoods
- Irrigation system and other infrastructure ages
- Tree canopy begins to reach end of life cycle and ongoing course maintenance issues
- University and neighborhoods disagree over future of golf course



circa 1970 -- 18 holes



Today – 9 holes

What happened next?

- Bernalillo County approaches UNM to preserve golf course as an urban community open space in exchange for financial assistance to the University to rehabilitate the golf course
- License Agreement signed between UNM & Bernalillo County:
 1. *\$1.5 million County open space funds for improvements to golf course*
 2. *UNM agrees to preserve and maintain golf course and the non-irrigated areas including trails for 15 years*



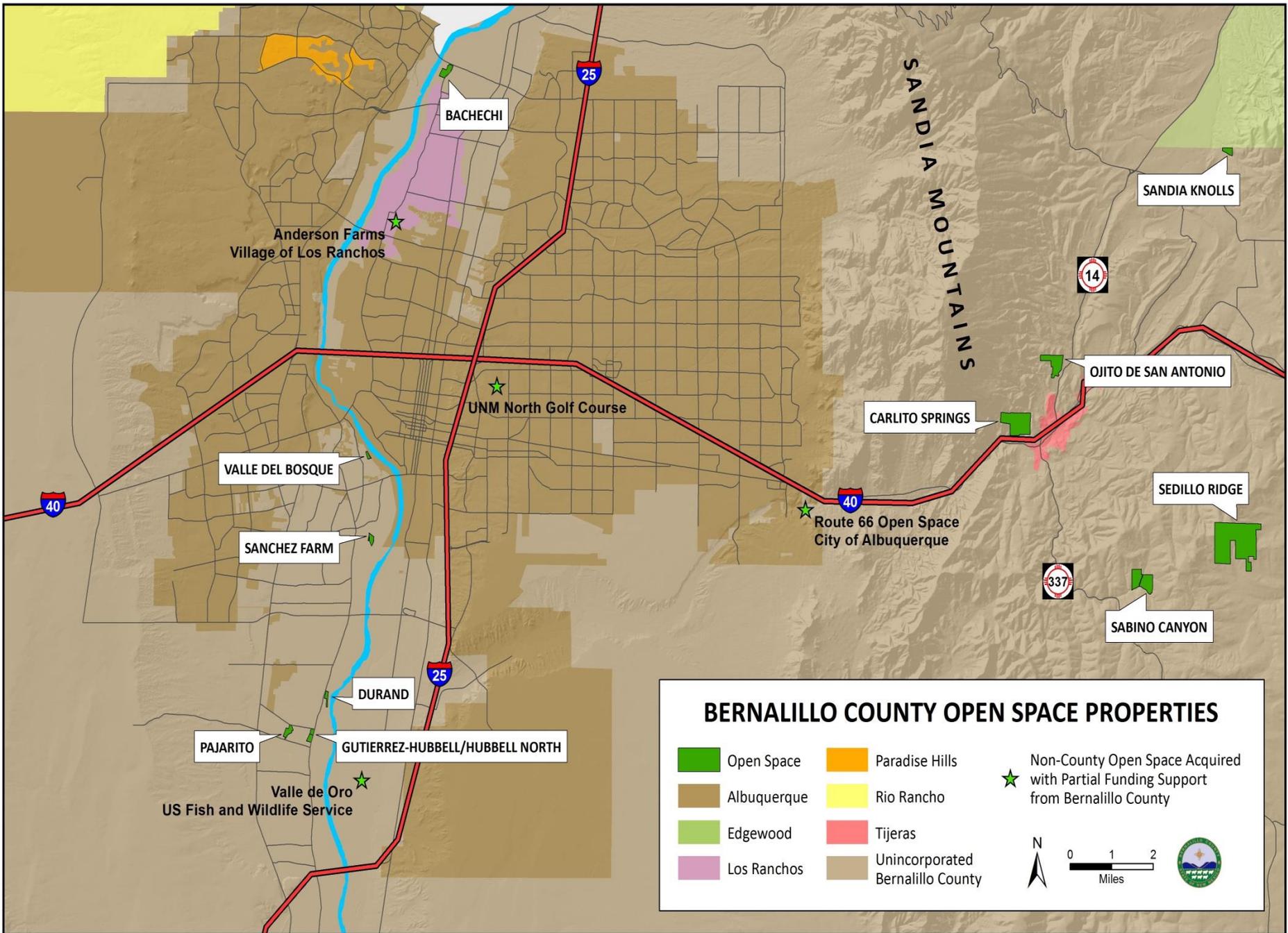
Why the County?



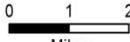
BERNALILLO COUNTY OPEN SPACE



We are more than you think!



BERNALILLO COUNTY OPEN SPACE PROPERTIES

 Open Space	 Paradise Hills	 Non-County Open Space Acquired with Partial Funding Support from Bernalillo County
 Albuquerque	 Rio Rancho	
 Edgewood	 Tijeras	  
 Los Ranchos	 Unincorporated Bernalillo County	



BERNALILLO COUNTY OPEN SPACE

OPEN SPACE VISION:

BERNALILLO COUNTY OPEN SPACE STRIVES TO BE A DYNAMIC NETWORK OF PROPERTIES WITH IMPORTANT NATURAL OR CULTURAL RESOURCES MANAGED TO BENEFIT PEOPLE, PLANTS AND WILDLIFE BY PROTECTING AND ENHANCING VIEWSHEDS, WATER RESOURCES, WILDLIFE HABITAT, CULTURAL/HISTORIC SITES, AND PRIME AGRICULTURAL LAND; AND PROVIDING RESOURCE-BASED RECREATION AND ENVIRONMENTAL EDUCATION.



BERNALILLO COUNTY OPEN SPACE



- Cultural legacy
- Community Educational and Recreational Use
- Habitat Value
- Agriculture
- Collaboration to create a open space network

A new collaboration is born!





Our Vision:

**to preserve & enhance golf course as a
major urban public open space for the
citizens of Bernalillo County
and greater University Community**

Implementation – to collaborate with UNM, neighborhoods and other institutional stakeholders such as AMAFA to:

- Preserve and enhance community uses and connections
- Rehabilitate and preserve cultural landscape legacies
- Preserve and create new habitat
- Use and improve quality of storm water
- Support university/community efforts to create gardens, orchards and other educational uses



LEGEND

- Revegetated Native Landscape**
 - Clarify and stabilize trail system
 - Erosion control and drainage management
 - New native shrubs, grasses & trees
 - Directional & interpretive signage
- Detention Pond Landscape**
 - Native riparian plant palette to provide wildlife habitat
 - Improved trail around pond edge
 - Interpretive signage
- Formal Trail Landscape**
 - Formalize and widen trail system
 - Clarify access and differentiate from golf course
 - Areas for seating and passive recreation
 - New flowering & fruiting trees along trail
 - Directional signage / public art at access points
- Lobo Community Garden**
 - Garden plots & raised beds for UNM community gardeners
 - Pressurized water line from golf course irrigation system
 - Connection to trail & vehicular access along channel
- Open Space Landscape**
 - Clarify edge of greens / fairway
 - Native & xeric plant palette to provide wildlife habitat
 - Minimal grading to direct water where needed
 - Interpretive signage
 - Modify trails to accommodate athletic teams
- Bioswale Landscape**
 - Rain gardens
 - Plant materials to filter and slow runoff at locations where drainage enters golf course
 - Interpretive signage
- Buffer Landscape**
 - Higher density of evergreen / deciduous trees and shrubs to protect trail & course from adjacent traffic
 - Transition zone from formal landscape to native landscape
 - Directional signage at pedestrian access point
- Slope Stabilization**
 - Cobblestone and ground covers to limit erosion
 - Potential for public art (1% for Arts) along slopes

PRECEDENTS



Phase I: Scope & Budget

- Overall design & plans for xeric renovation
- Irrigation system replacement
- Trail improvements
- Tree maintenance and replacement
- Overall budget of \$1.5 Million



LEGEND

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| <p>OPEN SPACE LANDSCAPE</p> <p>LARGE TREES:
Arizona Ash
Chinese Pistache
Arizona Sycamore (sepr. areas)
Texas Red Oak (flood)
Loblolly Elm
Juniper Trees (female only)
Lilmer Pine</p> <p>SMALL TREES:
(Sunner Microcotyled)
Desert Willow
Netsel Hackberry
Yarwood Live Oak
Piñon Pine
(More Shaded Microcotyled)
Western Redbud
New Mexico Olive
Chokecherry
Hawthorne (sp)</p> <p>REVEGETATED NATIVE LANDSCAPE</p> <p>TREES:
Desert Willow
Netsel Hackberry</p> <p>GRASSES / FORBS:
Blue Grama
Indian Ricegrass
Bash Halm
Sand Dropseed
Prairie Drop
Firewheel (Gallardia)</p> <p>FORMAL TRAIL LANDSCAPE</p> <p>LARGE TREES:
Arizona Ash
Chinese Pistache
Arizona Sycamore (sepr. areas)
Loblolly Elm
Juniper Trees (female only)
Lilmer Pine</p> <p>SMALL TREES:
(Sunner Microcotyled)
Desert Willow
Netsel Hackberry
Yarwood Live Oak
Piñon Pine
(More Shaded Microcotyled)
Western Redbud
New Mexico Olive
Chokecherry
Hawthorne (sp)</p> | <p>SHRUBS:
(Sunner Microcotyled)
Chama
Three-leaf Sumac
Fourwing Saltbush
Sand Sage
Broom Baccharis
Apache Plume
(More Shaded Microcotyled)
Oregon Grape Holly
Lilac
Golden Currant
Desert Honeysockle</p> <p>GRASSES / FORBS:
Fescue (sp)
Bulggrass (sp)
Blue Fescue
Blue Avena
Rheatgrasses</p> <p>SHRUBS:
Soapweed Yucca
Chama
Three-leaf Sumac
Fourwing Saltbush
Sand Sage
Broom Baccharis
Apache Plume
Winterfat
Mariola</p> <p>SHRUBS:
Soapweed Yucca
Chama
Three-leaf Sumac
Arizona Pine
Greyleaf Cotoneaster
Corny Sage
Red Flowering Yucca
Rosemary
(More Shaded Microcotyled)
Oregon Grape Holly
Spiraea
Desert Butterfly Bush
Golden Currant
India Hawthorn</p> <p>GRASSES / FORBS:
Fescue (sp)
Bulggrass (sp)
Blue Fescue
Blue Avena
Rheatgrasses</p> | <p>BIOSWALE LANDSCAPE</p> <p>LARGE TREES:
Black Locust
Idaho Locust</p> <p>SMALL TREES:
Russian Peashrub
New Mexico Olive
Chokecherry</p> <p>SHRUBS:
Chama
Three-leaf Sumac
Broom Baccharis
Fescue (sp)
Rheatgrass (sp)</p> <p>SLOPE STABILIZATION LANDSCAPE</p> <p>SMALL TREES:
Desert Willow (slope)
New Mexico Olive (base)</p> <p>GRASSES / FORBS:
Fourwing Saltbush
Chama
Three-leaf Sumac</p> <p>BUFFER LANDSCAPE</p> <p>EVERGREEN TREES:
Arizona Black Pine
Rocky Mountain Juniper (sp)
Escarpment Live Oak</p> |
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PLANT PALETTE

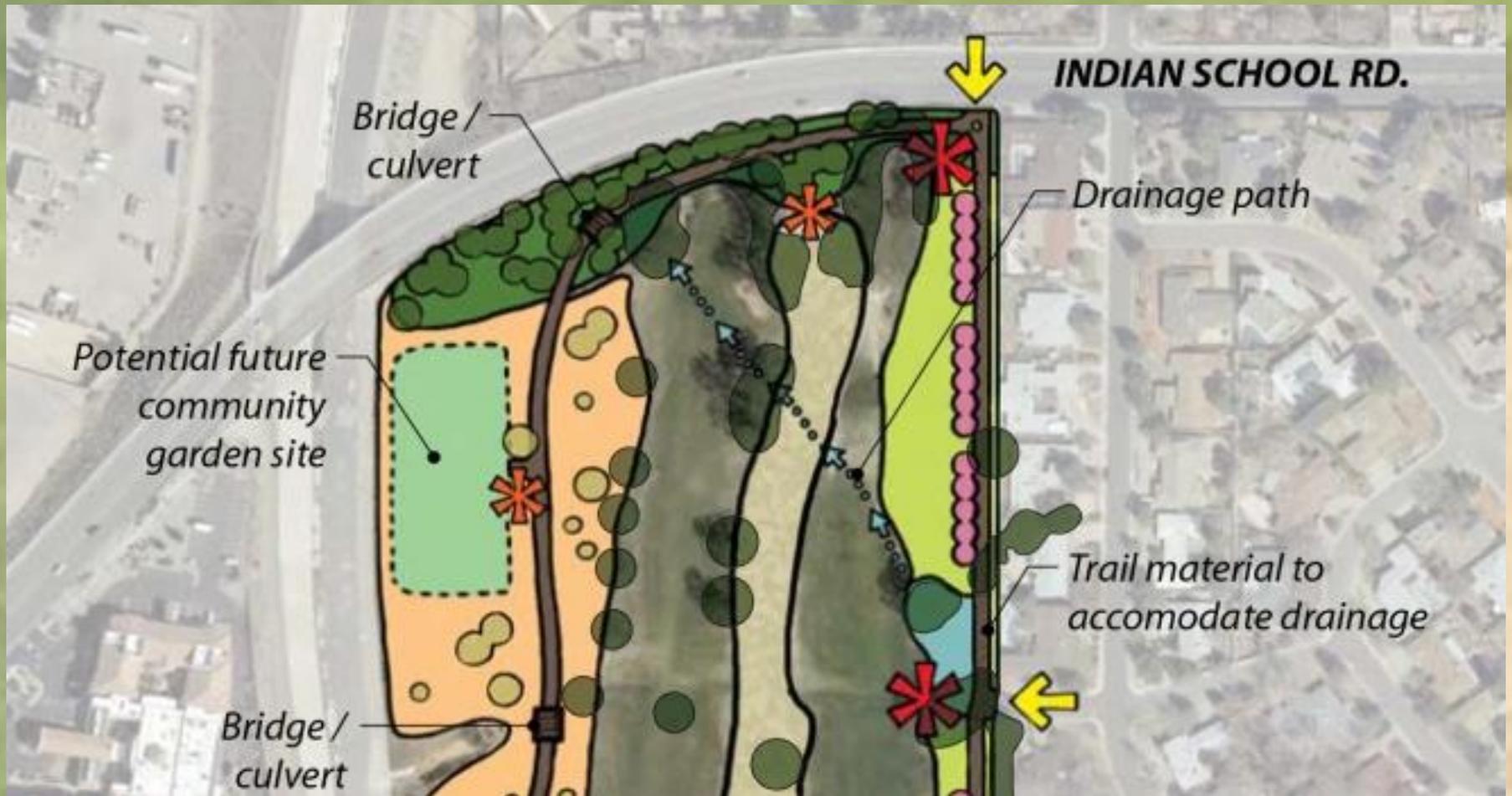


Phase I: Schedule

- RFP & Selection of Design team – 4/13
- Schematic Design – 6/13
- 50% Design – 7/13
- 100% Design – 9/13
- Community Update Meeting 9/13
- Bidding & Selection of Contractor – 10/13
- Ground Breaking – 11/13
- Construction of Phase I complete – 2/14

Phase II – Proposed elements

- Extend license agreement
- Enable re-use of chiller blow-down water
- Restore areas between fairways to native mesa grassland with clustered pollinator plantings
- Implement bio-swales / gardens for storm water
- Undertake community garden and orchard
- Build plant and turf nursery
- Create ongoing tree replacement program
- Design and build interpretive signage strategy
- Develop and implement public art



Bioswale landscape character



Open Space landscape character



Gateway feature / Public art



Interpretive signage & seating

Phase II – Potential Funding & Timing

- Neighborhood interested in contributing to tree replacement program and other amenities
- Project identified for State capital outlay funds
- University sources including collaborative grants
- County 1% for Arts
- City of Albuquerque capital funds
- Open Space Mill Levy potential



Thanks!



BERNALILLO COUNTY OPEN SPACE

