

# APS Wildfire Preparedness and Response

April 2022



# APS Values

**Safety** and **Reliability** are our top priorities.

We **walk** the **talk**:

- APS consistently ranks among the **most reliable** electric utilities in the U.S. In 2021, on average, our customers experienced less than 1 outage, meaning that many experienced no outages in the past year.
- Consistently within **top 10% among U.S. utilities** in safety performance.



## The APS Promise

### Our Purpose

As Arizona stewards, we do what is right for the people and prosperity of our state.

### Our Vision

Create a sustainable energy future for Arizona.

### Our Mission

Serve our *customers* with *clean, reliable* and *affordable* energy.



## Our Principles

The culture and behaviors that will enable us to fulfill our **purpose, vision** and **mission**.

### Design for Tomorrow

See the Way Forward  
Innovate with Courage  
Value Learning

### Empower Each Other

Embrace Diverse Perspectives  
Challenge Respectfully  
Unite as One Team

### Succeed Together

Create Clarity  
Anchor in Safety  
Deliver for the Community

# Wildfire Season Is Unpredictable





## APS has a plan for that:

- **Prevention** - APS has robust programs in place in preparation for wildfires, and the **prevention** of overgrowth of fuels, and reduction of possible ignitions.
- **Mitigation** - APS adapts and adjusts our operations to **mitigate** the impact of wildfire in the Wildland Urban Interface (WUI) during Elevated Fire Conditions.
- **Response** - APS is prepared and ready to **respond** to restore power safely during the high fire risk season.



## APS Wildfire Prevention

- **Vegetation Management Program** executed on cycle per industry standards and best practices.
- **Detailed Line Inspections** conducted to identify maintenance items needed, including in high fire risk areas.
  - Nearly 5,000 miles of overhead lines inspected annually.
- **Customer Programs** to help support community firewise preparation and remove vegetation around homes.



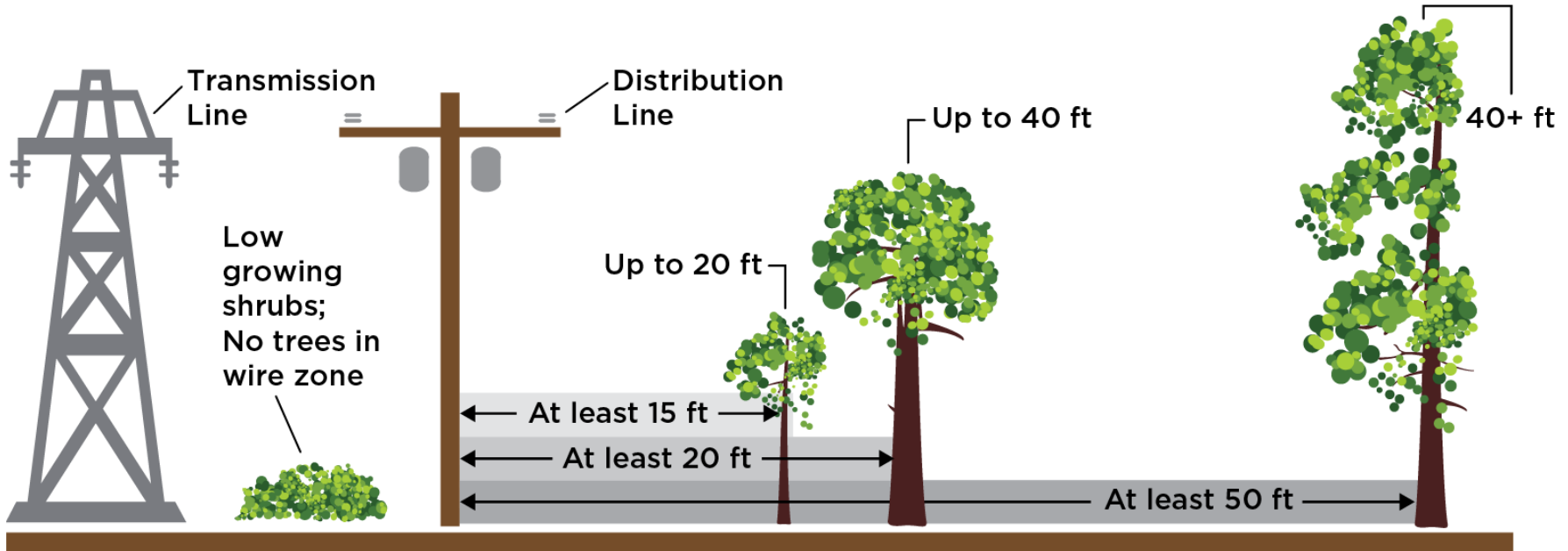
## DSAP

- **Purpose of the program to proactively create defensible space around poles to prevent wildfire ignitions.**
  - Based on International Code Council–Wildland Urban Interface Code
- **Intent to clear all vegetation 10' in all directions from equipment poles only.**

# Customer Programs

- **Right Tree/Right Place Program**
  - Tree recommendations and care instructions for customers landscaping around powerlines
- **Tips on [aps.com/wildfiresafety](https://www.aps.com/wildfiresafety)**
- **Please report:**
  - **Public Safety Concern: (602) 371-7171**  
or email [publicsafety@aps.com](mailto:publicsafety@aps.com)

# Right Tree/Right Place Program





# How to create defensible space

1. Create defensible space at least 30 feet around your home.
2. Thin trees within 125 feet and eliminate branches that overhang roof.
3. Clean roof and gutters.
4. Remove “ladder fuels” - lowest branches should be 6-10 feet above ground.

More tips on [aps.com/wildfiresafety](https://www.aps.com/wildfiresafety)





# APS Mitigation Protocols

- Increased operations protocols during outages in high fire risk season:
  - In the event of a power outage, we will not restore power until we can confirm that the power line is not compromised.
- Increased use of “smart” infrastructure technology to **reduce** outage durations.
- **Fire Mesh** around wooden poles, a new strategy for 2022, will reduce damage to poles in the line of fire, which will help prevent outages.
- Notifications will be sent to **ALL** customers in areas of a higher fire risk that could experience longer than normal outages.



## APS Wildfire Response

- A team of **Fire Mitigation Specialists** are on staff and coordinate APS response with local responding agencies
- Prepared local troublemen are available 24/7 to take the call to assess and determine the best course of action in coordination with first responders
- If you see **smoke** or a **fire**, **call 911**.

# APS Outage Map/Notifications

1. Sign up for **emergency alerts** through **Nixle**.
2. Download the **APS App**, or **aps.com** for easy access to the outage map, sign up for text alerts specific to your area, and restoration times.
3. Report an outage **24/7** at **(855) 688-2437**.
4. Follow **@apsfyi** on Twitter, Facebook and Instagram for additional information regarding widespread outages.

APS customers with a valid e-mail address have been auto-enrolled to receive outage notifications.



## What to do during an outage:

- Avoid downed power lines. Stay at least 100 feet away, call 911 then call APS.
- Use flashlights or keep candles away from curtains and never leave them unattended.





## What to do during an outage:

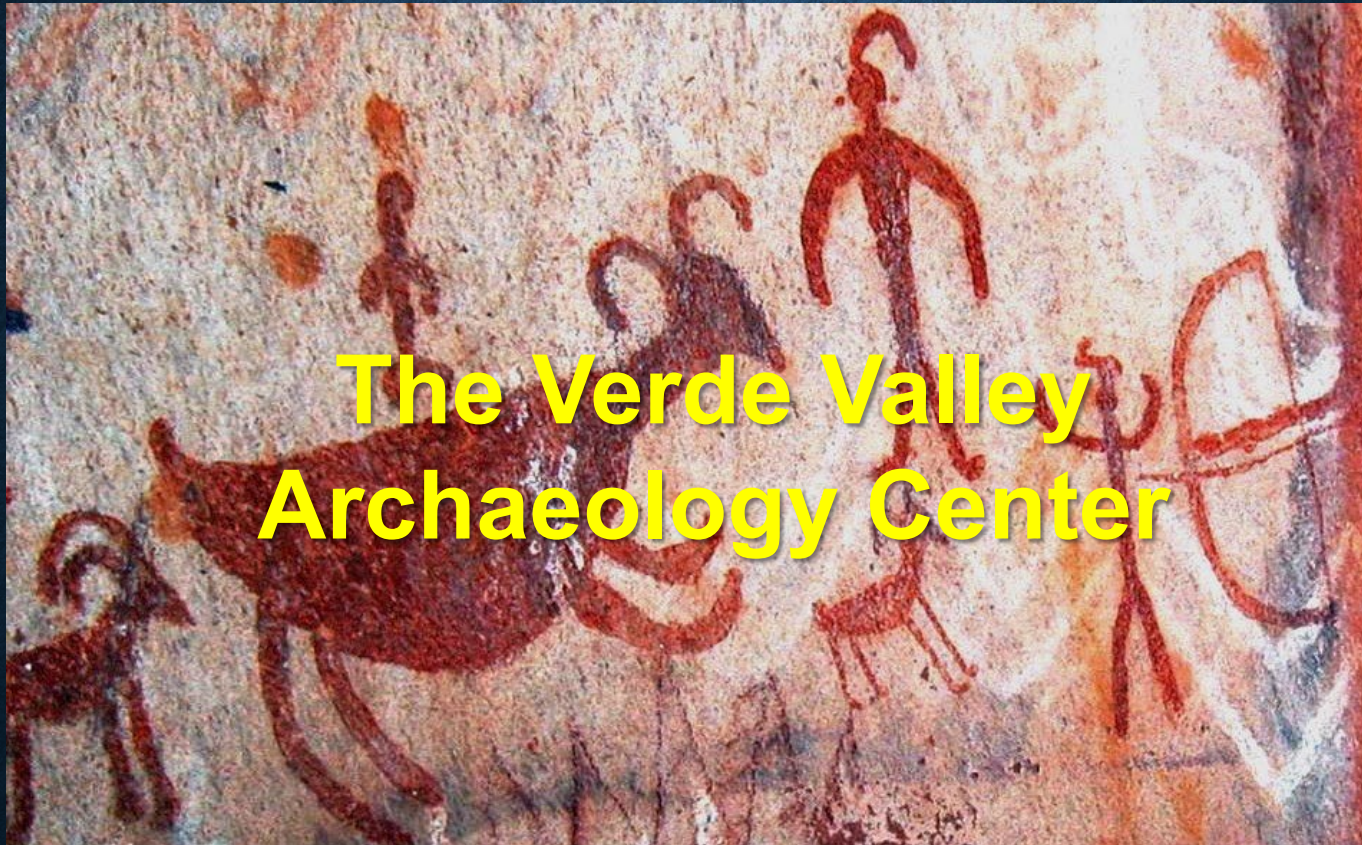
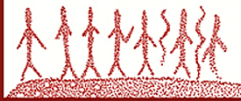
- Keep refrigerators and freezers closed. Food will stay fresh up to 8 hours in a fridge and 24 hours in a freezer, if doors are kept closed.
- Turn off and unplug unnecessary electrical equipment to prevent the system from overloading when power returns.



# Questions?

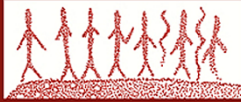
Thank you.





Ken Zoll, Executive Director  
Monica Buckle, Deputy Executive Director

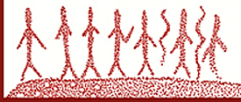




## **Formed in October 2010, the Verde Valley Archaeology Center, a nonprofit corporation, is working to:**

- ✓ Significantly expand archaeological artifact and site preservation
- ✓ Increase public awareness of and involvement in Sedona/Verde Valley archaeology
- ✓ Promote new and creative ways to display area artifacts and site interpretation
- ✓ Promote archaeological heritage tourism



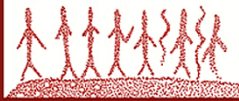


## **Purchased the former Verde Valley Medical Clinic building in July 2021**



- 11,000 square feet
- 12 museum galleries
- Meeting & Board rooms
- Collection Center
- Library
- Kids Adventure Room



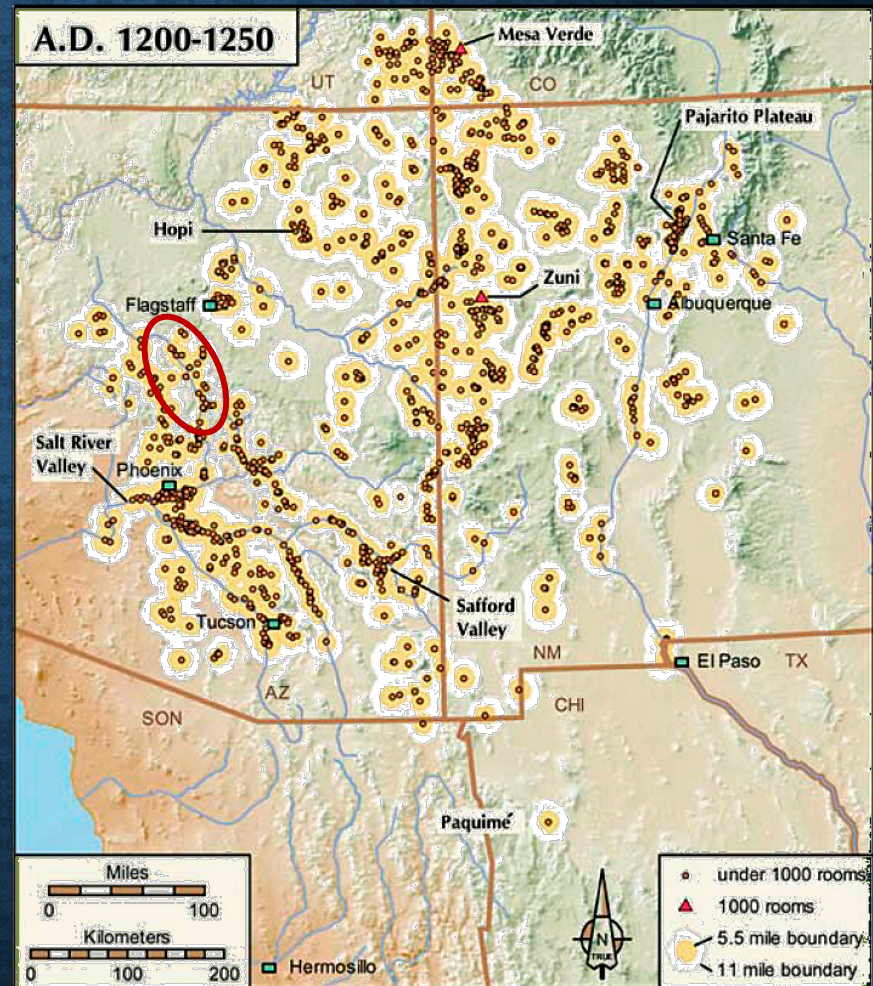


The Sedona / Verde Valley hosts a unique and varied representation of cultural sites:

- ✓ Two NPS National Monuments
- ✓ Three USFS Heritage Sites
- ✓ Five Archaeological Conservancy sites
- ✓ The Yavapai-Apache Nation
- ✓ Over 2,500 archaeology sites

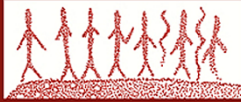
### Advisory Council

- Prescott & Coconino NF
- National Park Service
- Hopi Tribe
- Yavapai-Apache Nation



With permission: Archaeology Southwest Magazine, Tucson





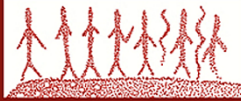
## Over 450 Rock Art Sites

Rock-art is a term commonly used for the designs and other intentional markings that people made on natural geological surfaces. All prehistoric cultures produced rock art.



Archaic (prior to 600 CE)  
Honanki Heritage Site

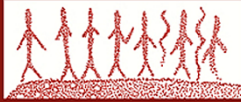




**Sinagua Petroglyphs** - (Greek: *petro* = rock; *glyph* = engrave)  
A design made by removing material from a rock's surface





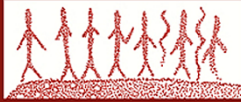


## Sinagua Pictographs - (Latin: *picto* = paint; *graph* = write)

A design made by applying colors to a rock surface



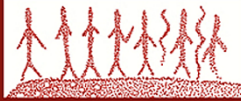




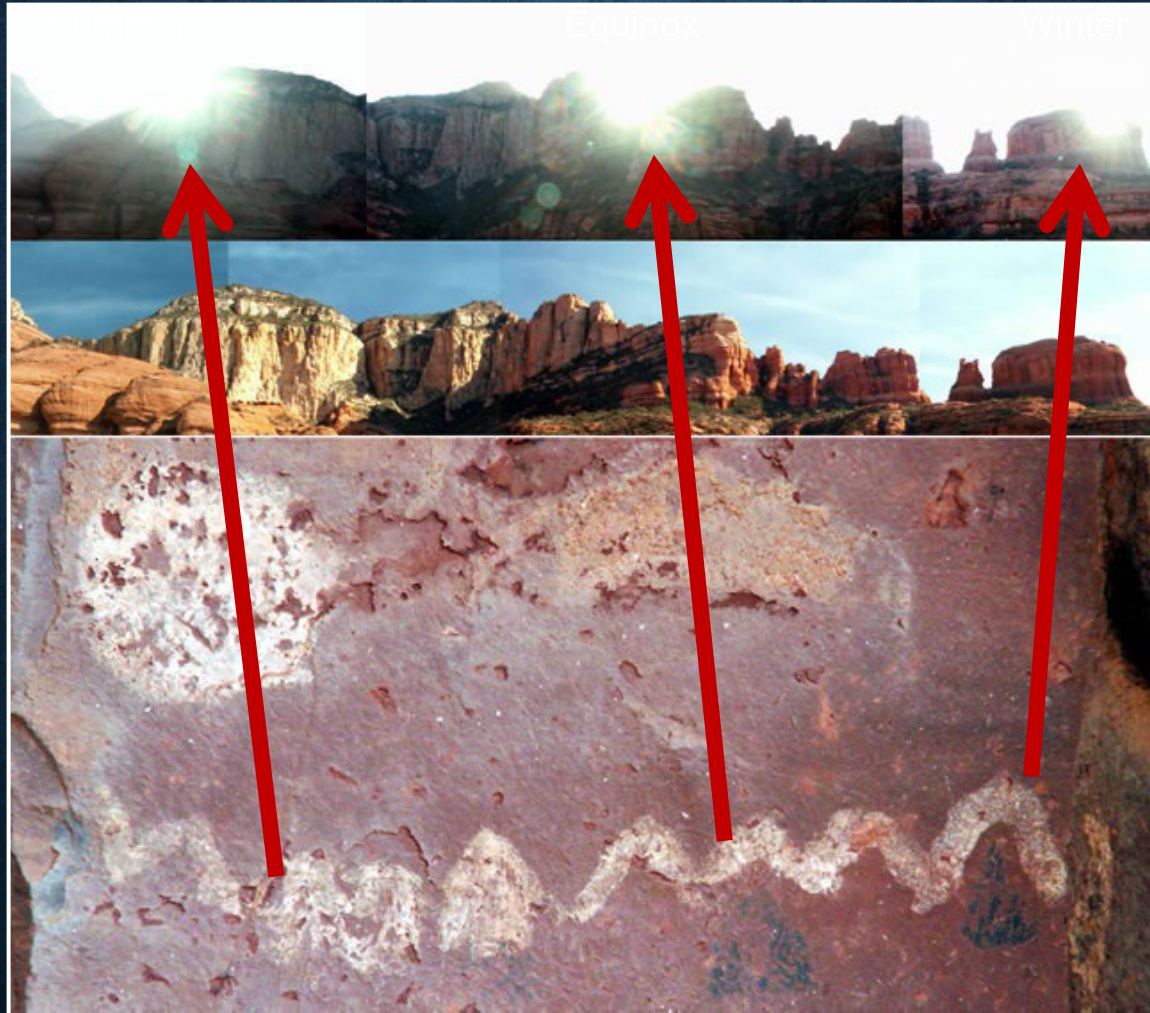
## Yavapai Petroglyphs/Pictographs



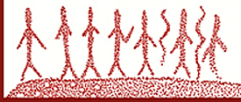




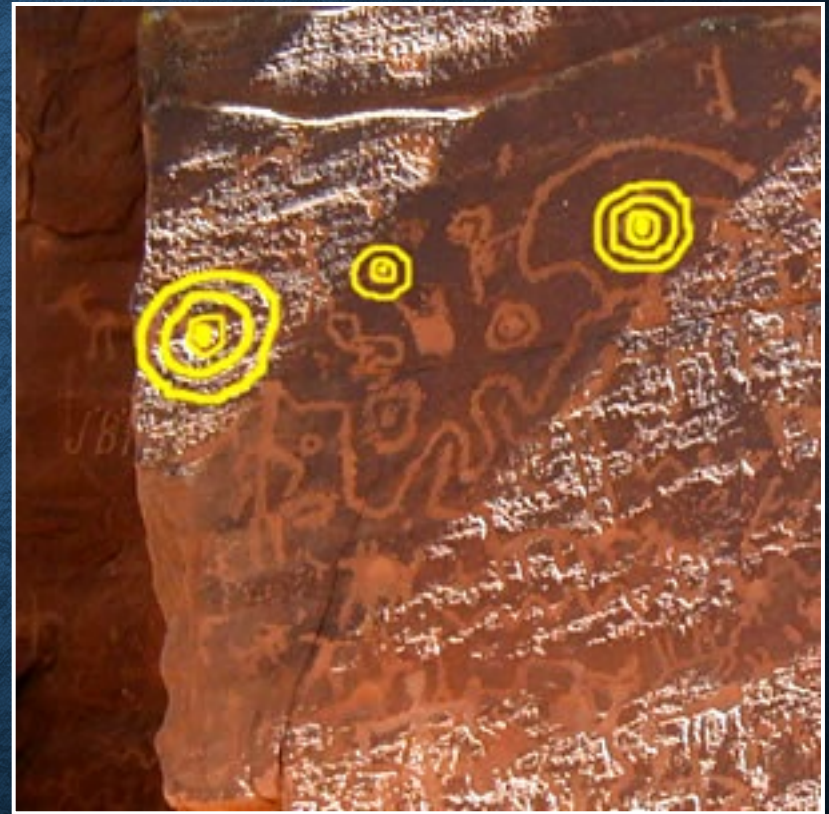
## Rock Art Used by Sinagua Sunwatchers





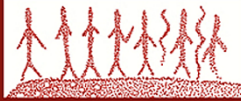


## Rock Art Used by Sinagua Sunwatchers



V Bar V Heritage Site Equinox





## Current Special Exhibits

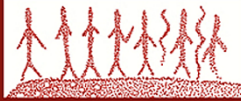


**SPACE  
ROCKS!**

The Camp Verde  
and other Verde Valley  
meteorites

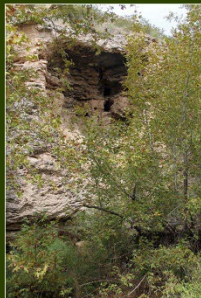






## Current Special Exhibits

### ANCIENT SNAPSHOTS



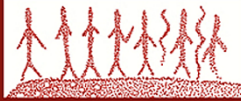
The Dyck Cliff Dwelling  
Family Life from the  
11th to 14th Centuries

## Dyck Cliff Dwelling

- One of the largest textile discoveries
- The largest collection of ancient flora
- The largest collection of weaving tools
- The largest collection of ancient weapons
- The ONLY collection of ancient game pieces







## Current Special Exhibits



# The Art of Paul Dyck Retrospective



**Western Spirit**  
SCOTTSDALE'S MUSEUM OF THE WEST



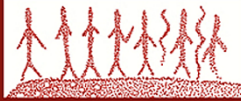
**TUCSON MUSEUM of ART**  
AND HISTORIC BLOCK

**The Paul Dyck Foundation**

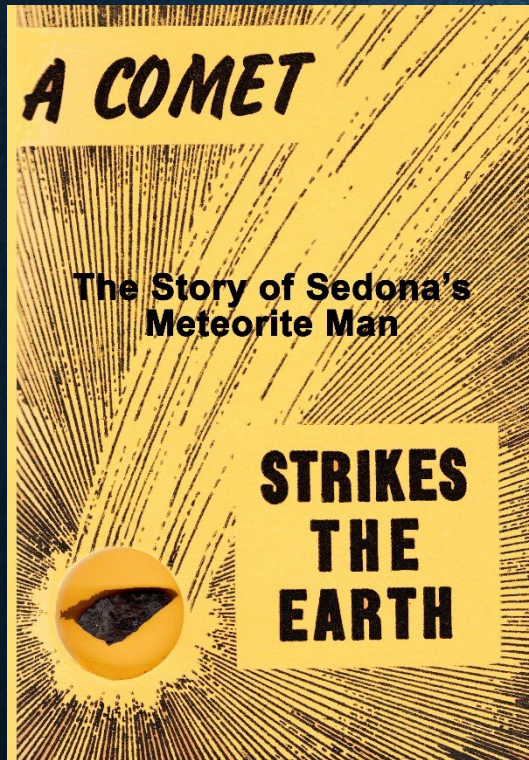
*Research Institution of American Indian Culture*







## Next Project

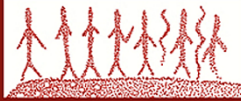


- Sedona resident Dr. H. H. Nininger:
- The “Father of American Meteoritics”
  - Credited with 146 discoveries
  - Home on the Sedona Historic Register
  - Sedona Meteorite Museum (1953-1960)
  - Coming out in the Fall of 2022





VERDE VALLEY  
ARCHAEOLOGY  
CENTER



*Conservation – Preservation - Education*

VERDE VALLEY  
ARCHAEOLOGY  
CENTER



*Conservation  
Preservation  
Education*

*It's not what you find – but what you find out!*

[www. VerdeValleyArchaeology.org](http://www.VerdeValleyArchaeology.org)  
[center@verdevalleyarchaeology.org](mailto:center@verdevalleyarchaeology.org)





# COMMUNITY DEVELOPMENT

CITY COUNCIL MAY 10, 2022

# Poco Diablo Easement Proposed Action

- Abandon existing '95 Open Space Easement to the City (restricted to golf course use)
- Grant New Open Space Easement with master plan and landscape plan
- History – '95 easement
  - restricted open space to golf course
  - not the tool we use today



## Request and Recommendation

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- Owner desire to renovate and remove golf course
- Staff recommended process:
  - Abandon existing easement
  - Replace with new open space easement
    - Detailed Masterplan
    - Detailed Landscape plan

## Request and Recommendation (cont')

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- Public Works request for Doodlebug ROW dedication
- Followed staff instructions
  - Meet current LDC landscaping requirements
  - contingency increased parking
  - ADA accessibility



# Land Use Entitlements

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- Land Use entitlements under L (Lodging) Zoning
  - Not being requested, increased or altered
- Easement Abandonment and replacement
  - different than a zone change

# Staff Recommendation

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- Better aligns with the Community Values and Plans
  - More sustainable
    - Significantly less water use
    - Better stormwater management
    - More native landscaping – more shade
  - Better sense of local place – native landscaping
- Doodlebug ROW dedication
- Commitment to a masterplan and landscape plan
  - Meeting today's standards





EXISTING






<b>A</b>	<b>Water Feature</b> <ul style="list-style-type: none"> <li>Remodel Pond</li> <li>Add Water Feature</li> <li>Relocated Stream</li> </ul>
<b>B</b>	<b>Guest Patio Update</b> <ul style="list-style-type: none"> <li>Increase Patio Space</li> <li>Provide Additional Privacy / Buffer</li> </ul>
<b>C</b>	<b>Pathway System</b> <ul style="list-style-type: none"> <li>Updated Pathways</li> <li>Created Looped Walking Trails</li> <li>Shaded Benches</li> </ul>
<b>D</b>	<b>Wedding / Event Venue</b> <ul style="list-style-type: none"> <li>75 Seating Capacity</li> <li>Enhance The View To The Mountain</li> <li>Turf Area</li> <li>Planting Areas To Provide Privacy</li> </ul>
<b>E</b>	<b>Meditation Garden</b> <ul style="list-style-type: none"> <li>Provide A Private / Calming Space</li> <li>Photo / Selfie Spot</li> </ul>
<b>F</b>	<b>Chip And Putt Golf</b> <ul style="list-style-type: none"> <li>Existing Green</li> <li>Three Tee Boxes</li> </ul>
<b>G</b>	<b>Dog Park Area</b> <ul style="list-style-type: none"> <li>Shaded Benches</li> <li>Doggie Bag Station</li> </ul>
<b>H</b>	<b>Activity Space</b> <ul style="list-style-type: none"> <li>Star Gazing</li> <li>Yoga</li> <li>Story Telling</li> </ul>
<b>I</b>	<b>Family Activity Area</b> <ul style="list-style-type: none"> <li>Bocce Ball Court</li> <li>Multi-Use Court Turf Area (Corn Hole, Croquet, Badminton)</li> <li>Fireplace / Pit</li> </ul>
<b>J</b>	<b>Resort Pool</b> <ul style="list-style-type: none"> <li>Pool</li> <li>Sundeck</li> <li>Restrooms</li> <li>Food / Bar Area</li> </ul>
<b>K</b>	<b>Selfie / Photo Spot</b> <ul style="list-style-type: none"> <li>Water</li> <li>Red Rock Boulders</li> <li>Resort In The Background</li> <li>Mountain View Backdrop</li> </ul>
<b>L</b>	<b>Chef Demonstration Area</b>
<b>M</b>	<b>Pool Building</b>
<b>N</b>	<b>Bridal Suite Patio</b> <ul style="list-style-type: none"> <li>Fenced To Provide Privacy</li> <li>Shade Pavilion</li> </ul>
<p>Note: The open space master plan narrative may list additional proposed amenities not listed above or shown on the plan</p>	







	Existing		Proposed	Total
	Spaces	Handicapped	Spaces	
Parking Area A	14	1		15
Parking Area B	51	3		54
Parking Area C	82	1	28	111
Parking Area D	50	3		53
Parking Area E	8	2		10
Parking Area F	18		12	30
<b>Total</b>	<b>223</b>	<b>10</b>	<b>40</b>	<b>273</b>

Legend	
	Proposed Parking Spaces
	Increased Parking Lot Paving
	Existing Parking Lot Paving

