

# AZCORS IGA with ADWR

## Resolution 25-08

City of Apache Junction  
City Council Work Session  
May 5th, 2025





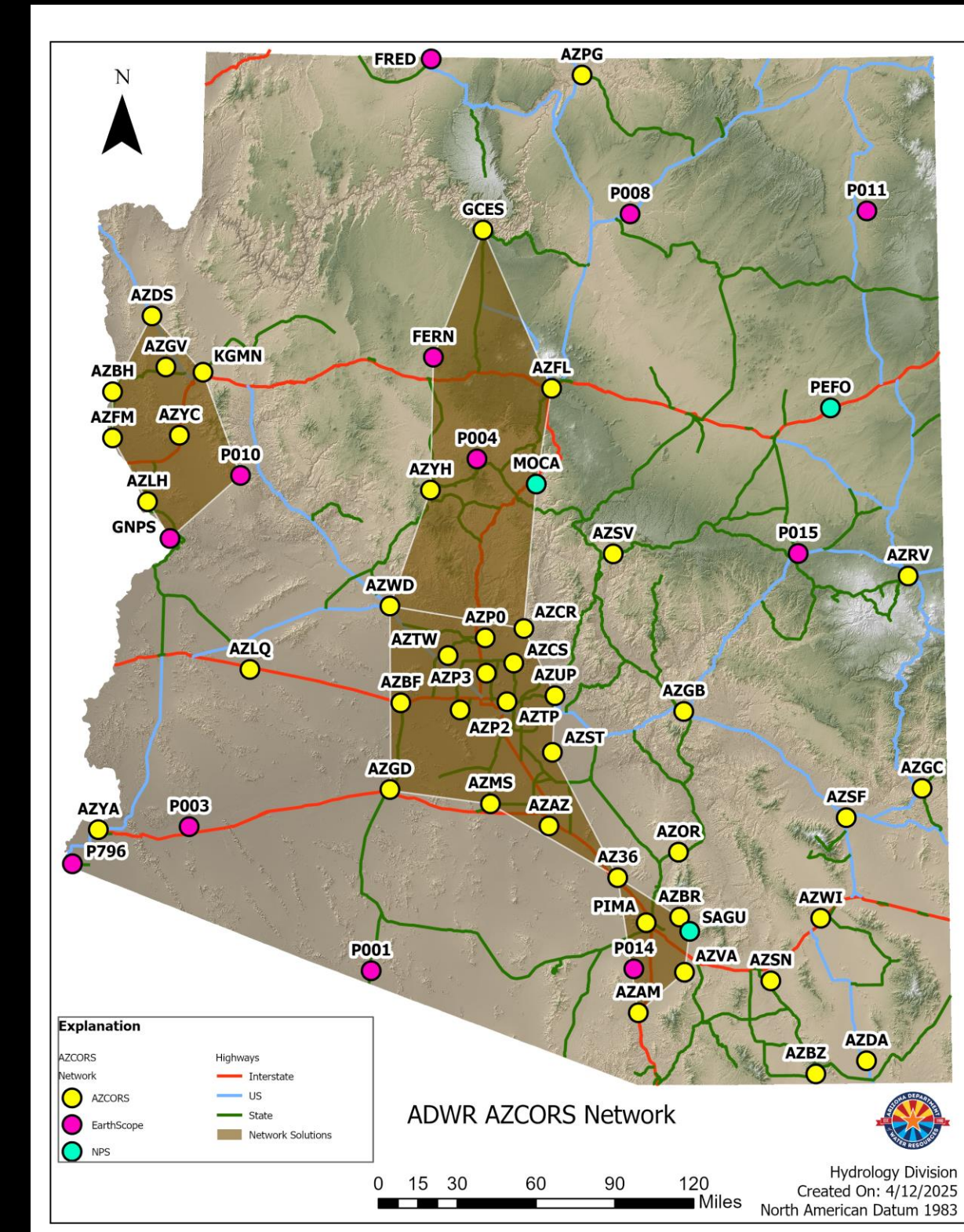
# Continuously Operating Reference Stations (CORS)

- Permanent site that transmits real-time coordinate information over the internet
- Equipment consists of a mounting pole, GPS receiver, antenna, cellular router and other associated electronics

## Arizona CORS Network (AZCORS)

- Arizona Department of Water Resources manages and operates the AZCORS Network
- AZCORS consists of 42 State-managed sites, 12 managed and operated by [EarthScope](#) and 3 by the National Parks Service
- Staff has been utilizing these sites since 2020

CORS Site @  
User Mountain  
Regional Park





# Intergovernmental Agreement with ADWR

- Voluntary contribution of \$5000 annually to support the AZCORS program
- The City will continue to have access to the AZCORS network and will receive technical support on data related issues

## Benefit

- Access to accurate coordinate information in real-time is critical to the City's mapping efforts  
Use Case – Asset covered under sidewalk, able to locate while contractor still on site
  - Participating in the program will help build new CORS sites in Arizona (6 new sites went live last month) and replace outdated equipment improving network stability for its users – Less down time
- ❖ The IGA with ADWR (Resolution 25-08) will be on the May 20<sup>th</sup> consent agenda



# Questions?

