

COCHISE COUNTY

Engineering & Natural Resources Department

Jackie Watkins, County Engineer



Public Programs...Personal Service

COCHISE COUNTY

1. Department Changes
2. Projects
 - Lidar
 - Monitoring
 - Bay Acres
 - Palominas Recharge
 - Three Canyons Property
 - Coyote Wash Recharge
3. Watershed Planning



COCHISE COUNTY

Highway & Floodplain Department

Highways Operations Transportation Floodplain



Public Works Department

Marty Haverty

Solid Waste Highway Operations

Engineering & Natural Resources

Jackie Watkins



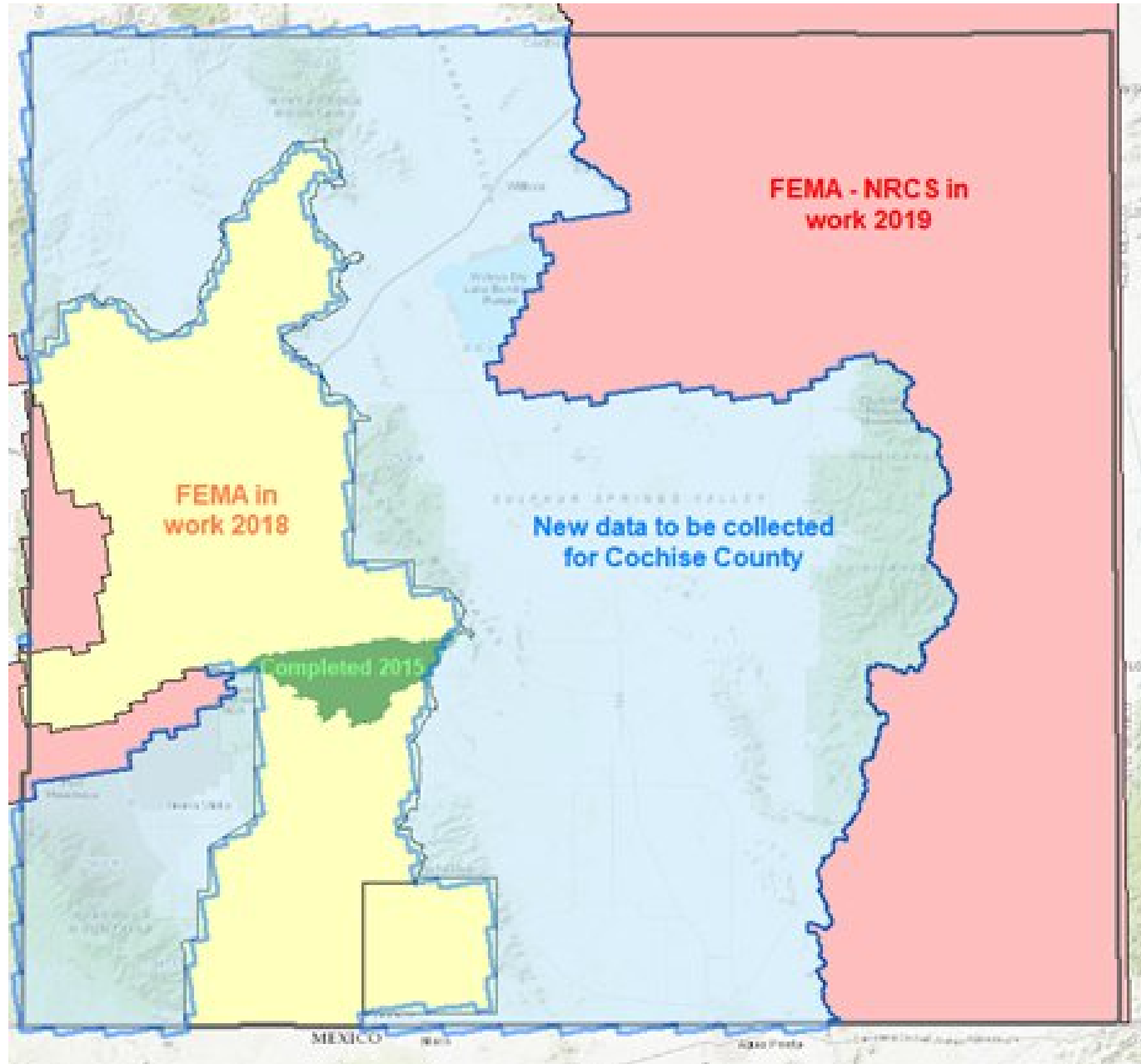
COCHISE COUNTY

LiDAR

- 1 meter flight survey to obtain 2 foot contour map of Cochise County
 - Flood Studies
 - Pre-design
 - Land Management
- Contract with USGS ~ \$240 square mile
- County is 6,219 square miles, \$1.5 M
- In process or completed by agency partners FEMA/NRCS \$700,000
- FCD FY 2020, \$800,000



COCHISE COUNTY



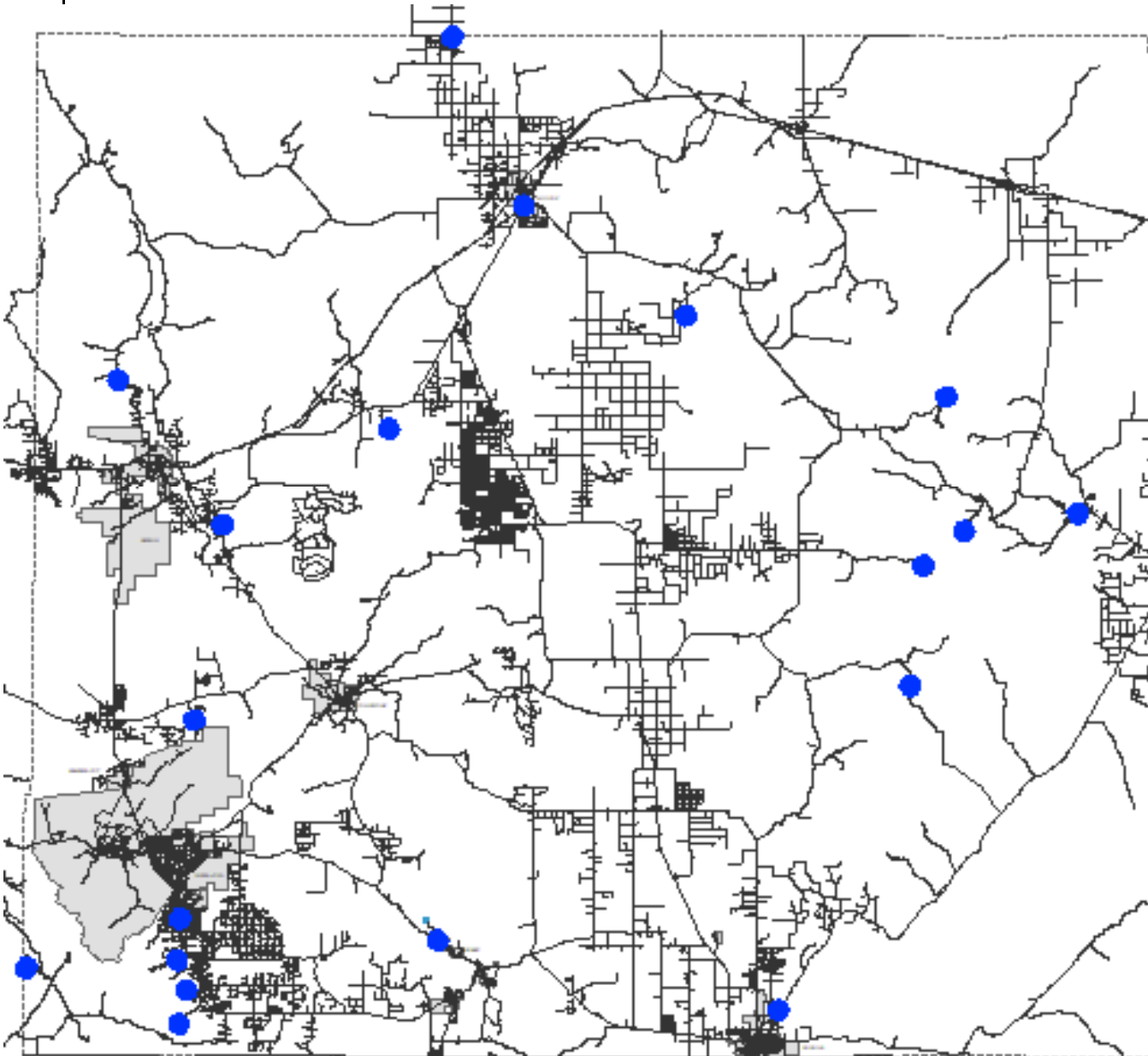
COCHISE COUNTY

Monitoring

- Alert Gauges
- Recharge
- Stream Flow



COCHISE COUNTY



ALERT Gauges

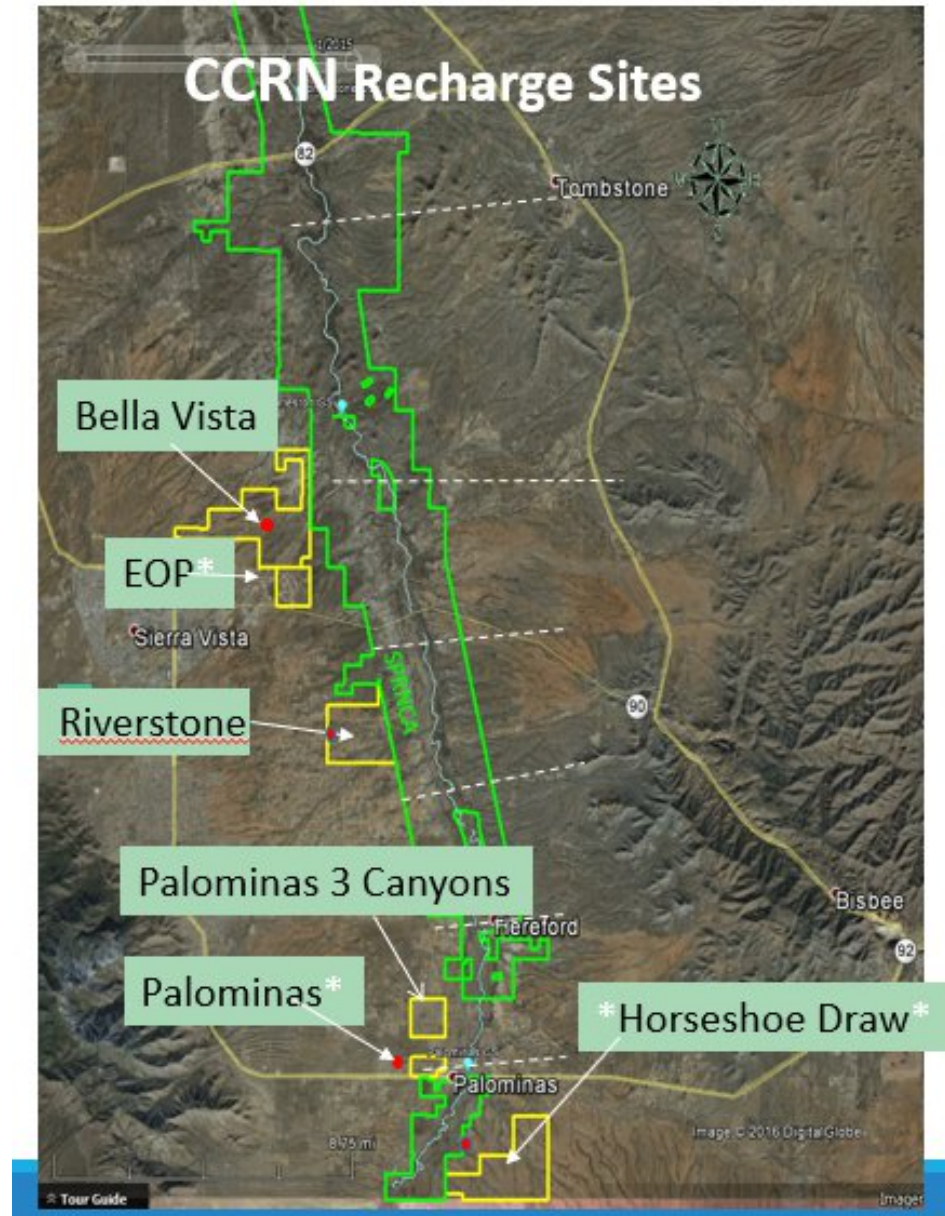
(Automated Local Evaluation in Real Time)

- National Weather Service
- Emergency Management
 - Flood
 - Dust
 - Wind

● Rain Gauge



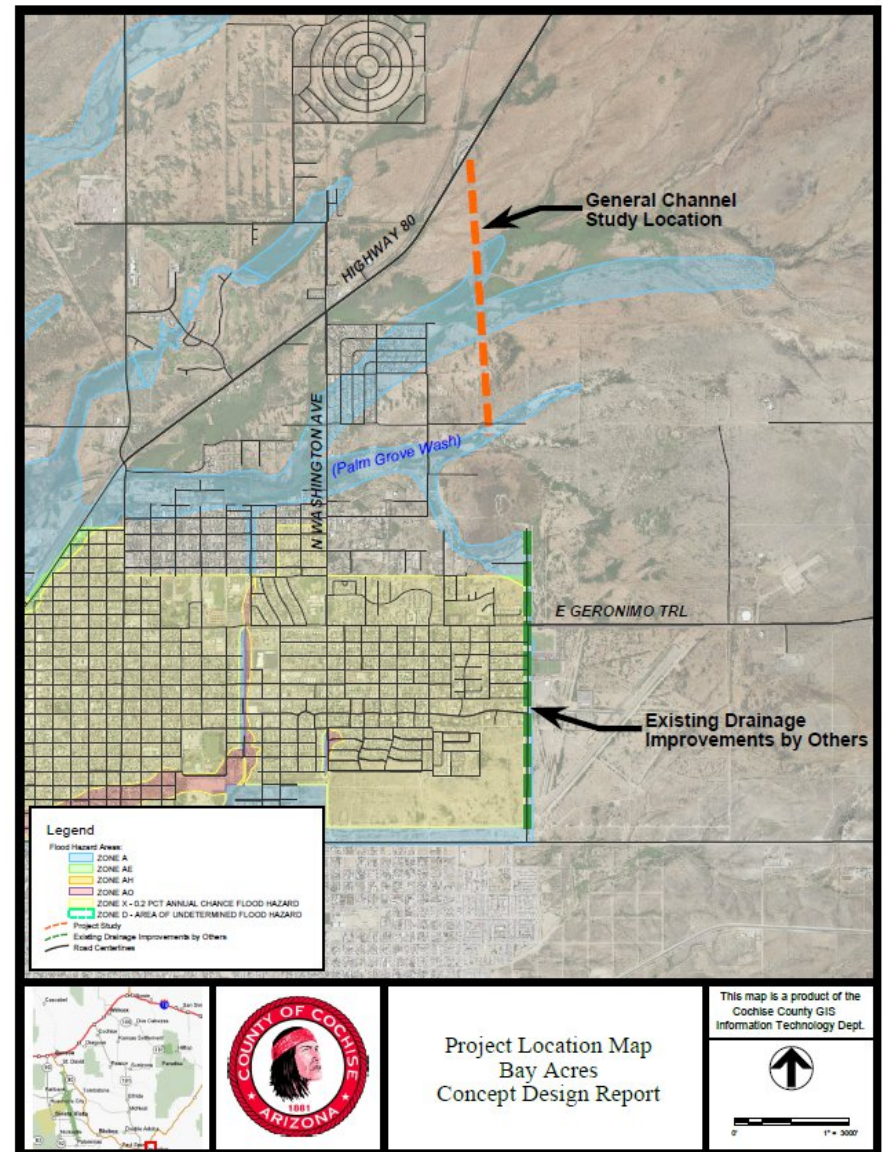
COCHISE COUNTY



COCHISE COUNTY

Bay Acres

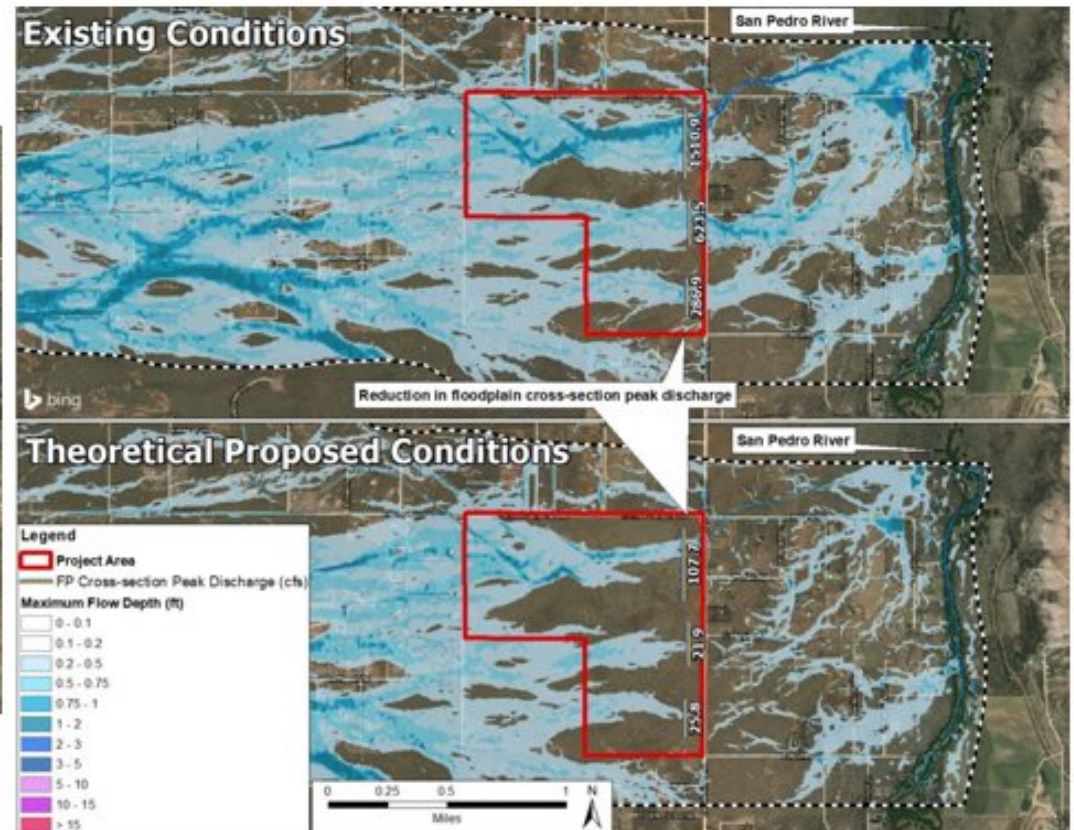
- Consultant Concept Design 2019
- Construction Plans 2020
- Construct FY 2021



COCHISE COUNTY

Palominas Property Flood Control Research Project

Planned Outcomes



COCHISE COUNTY

Palominas Property

Three Canyons Property



COCHISE COUNTY

Coyote Wash Recharge

- Design Concept
- Construction Plans, February 2020
- Construction



COCHISE COUNTY

Watershed Planning

