SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT MEETING NOTICE AND AGENDA

WATER COMMITTEE

Tuesday, April 21, 2026, 9:30 AM

SRP Administration Building
1500 N. Mill Avenue, Tempe, AZ 85288

Committee Members: Paul Rovey, Chair; Randy Miller, Vice Chair; and Casey Clowes, Krista O'Brien, Mark Pace, Jack White Jr., and Leslie Williams

Call to Order
Roll Call

1. **CONSENT AGENDA:** The following agenda item(s) will be considered as a group by the Committee and will be enacted with one motion. There will be no separate discussion of these item(s) unless a Committee Member requests, in which event the agenda item(s) will be removed from the Consent Agenda and considered as a separate item ..... CHAIR PAUL ROVEY

   - Request for approval of the minutes for the meeting of March 12, 2026.

2. Water Stewardship Research and Development Projects..... BOB PANE, CHRISTIAN ANDREWS, COLETTE PANSINI, and BO SVOMA

   Informational presentation regarding three research and development projects where SRP is collaborating with state universities to showcase new water related technologies to support water resilience and forest health.

3. Arizona Department of Transportation (ADOT) Projects Within SRP and ADOT State Route 30 Freeway Project..... JORGE GARCIA

   Informational presentation regarding a brief overview of current ADOT infrastructure projects within the Salt River Reservoir District and an update on the State Route 30 Freeway project.

4. Report on Current Events by the General Manager and Chief Executive Officer or Designees .....JIM PRATT

5. Future Agenda Topics..... CHAIR PAUL ROVEY

The Committee may vote during the meeting to go into Executive Session, pursuant to A.R.S. §38-431.03 (A)(3), for the purpose of discussion or consultation for legal advice with legal counsel to the Committee on any of the matters listed on the agenda.

The Committee may go into Closed Session, pursuant to A.R.S. §30-805(B), for records and proceedings relating to competitive activity, including trade secrets or privileged or confidential commercial or financial information.

Visitors: The public has the option to attend in-person or observe via Zoom and may receive teleconference information by contacting the Corporate Secretary's Office at (602) 236-4398. If attending in-person, all property in your possession, including purses, briefcases, packages, or containers, will be subject to inspection.

THE NEXT WATER COMMITTEE MEETING IS SCHEDULED FOR TUESDAY, MAY 19, 2026

04/14/2026

MINUTES
WATER COMMITTEE
SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND
POWER DISTRICT

DRAFT

March 12, 2026

A meeting of the Water Committee of the Salt River Project Agricultural Improvement and Power District (the District) convened at 9:30 a.m. on Thursday, March 12, 2026, from the Hoopes Board Conference Room at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona. This meeting was conducted in-person and via teleconference in compliance with open meeting law guidelines. The District and Salt River Valley Water Users' Association (the Association) are collectively known as SRP.

Committee Members present at roll call were P. Rovey, Chair; R. Miller, Vice Chair; and K. O'Brien, M. Pace, J. White Jr. and L. Williams.

Committee Member absent at roll call was C. Clowes.

Also present were Vice President C. Dobson; Board Members R. Arnett, N. Brown, and K. Johnson; Board Member L. Rovey of the Association; Council Chair R. Shelton; Council Vice Chair B. Paceley; Council Liaison S. Naylor; Council Members E. Gorsegner, W. Lines, M. Rakow, and C. Resch-Geretti; I. Avalos, A. Chabrier, S. DePinto, J. Felty, L. Hobaica, B. Koch, K. Lee, P. Likens, L. Meyers, S. Morris, B. Olsen, B. Pane, J. Pratt, C. Sifuentes-Kohlbeck, R. Taylor, and F. Tune of SRP; and Angie Lohse of Central Arizona Project (CAP).

In compliance with A.R.S. §38-431.02, Andrew Davis of the Corporate Secretary's Office had posted a notice and agenda of the Water Committee meeting at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona, at 9:00 a.m. on Tuesday, March 10, 2026.

Chair P. Rovey called the meeting to order.

Consent Agenda

Chair P. Rovey requested a motion for Committee approval of the Consent Agenda, in its entirety.

On a motion duly made by Board Member M. Pace and seconded by Board Member K. O'Brien, the Committee unanimously approved and adopted the following item on the Consent Agenda:

- Minutes of the Water Committee meeting on February 17, 2026, as presented.

Corporate Secretary J. Felty polled the Committee Members on Board Member

M. Pace's motion to approve the Consent Agenda, in its entirety. The vote was recorded as follows:

YES:	Board Members P. Rovey, Chair; R. Miller, Vice Chair; and K. O'Brien, M. Pace, J. White Jr., and L. Williams	(6)
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	Board Member C. Clowes	(1)

Annual Canal Dry-up Recap

Using a PowerPoint presentation, Frank Tune, SRP Director of Water System, stated that the purpose of the presentation was to provide information regarding the 2024/2025 annual canal dry-up, which took place from November to February.

F. Tune explained what a dry-up is – annual maintenance and repairs on SRP's canals and laterals. They said that the southside canal dry-up was from November 20th through December 20th.

F. Tune presented images of the western canal at the Highline Pumping Plant and images of the storm repairs on the Highline canal. They concluded with recaps of the southside canal and northside canal dry-ups, together with images of canal storm repairs.

F. Tune responded to questions from the Committee.

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

SRP's Groundwater Supply System Update

Using a PowerPoint presentation, Shane DePinto, SRP Manager of Aquifer Management, stated that the purpose of the presentation was to provide a brief overview of the groundwater withdrawal infrastructure of SRP and the SRP's proactive management approach.

S. DePinto provided an overview of SRP's wells and recharge facilities. They presented graphs of SRP's reservoir storage from 1996 through 2025.

S. DePinto reviewed groundwater pumping and drought protection observations from 1996 through 2025 and reviewed the age of SRP wells. They stated that SRP is first in class with respect to maintaining the reliability of its wells, well drilling, design, and construction.

S. DePinto compared 2010 to 2026 strategic system retooling. They concluded with an overview of SRP's system optimization and planning; historical pumping versus planned

future pumping; underground water storage (water banking); and challenges and opportunities.

S. DePinto responded to questions from the Committee.

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

Report on Current Events by the General Manager and Chief Executive Officer or Designees

Jim Pratt, SRP General Manager and Chief Financial Officer, reported on a variety of federal, state, and local topics of interest to the Committee.

Future Agenda Topics

Chair P. Rovey asked the Committee if there were any future agenda topics. None were requested.

There being no further business to come before the Water Committee, the meeting adjourned at 10:20 a.m.

John Felty
Corporate Secretary

Water Stewardship Research and Development Projects

Water Committee | April 21, 2026

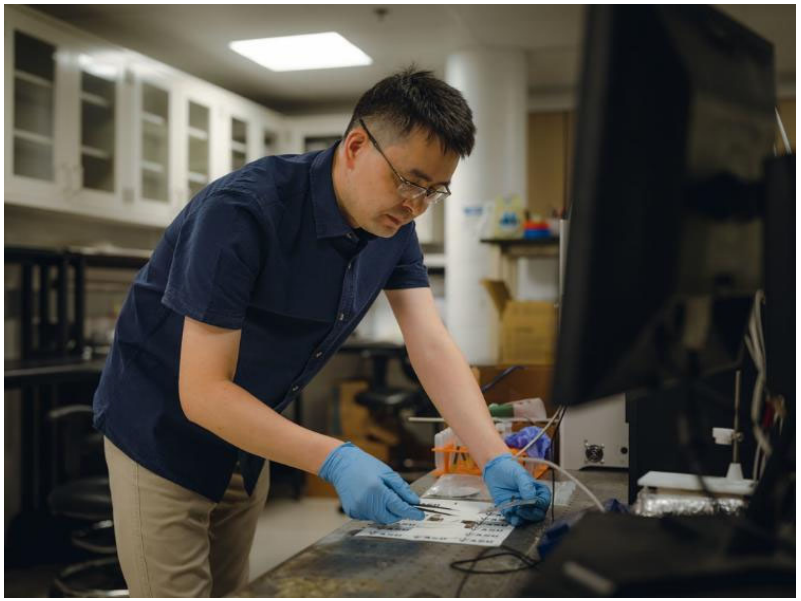
Bob Pane, Director, Water Engineering and Transmission
Colette Pansini, Sr. Water and Forest Planning Analyst, Water Strategic Projects
Christian Andrews, Manager, Water Engineering Projects
Bo Svoma, Principal Climate Scientist, Water and Climate Services

Agenda

- Research and Development Background
- Colette Pansini - Pinyon Jay Nest Colony Delineation and Analysis
- Christian Andrews - Mapping of the potential leak sites with probability statistics in SRP canal tracts
- Bo Svoma - Fusing Airborne and CubeSat Methods for Snow Estimation and Supply Forecasting into Salt River Project Reservoirs

University Projects

- Every year, SRP partners with ASU, NAU, U of A and others on research projects
- Water Stewardship has 20 active projects
- Partnership aims to;
  - Improve SRP's day-to-day operations
  - Address research gaps and problems identified by SRP
  - Provide students with real-world learning opportunities



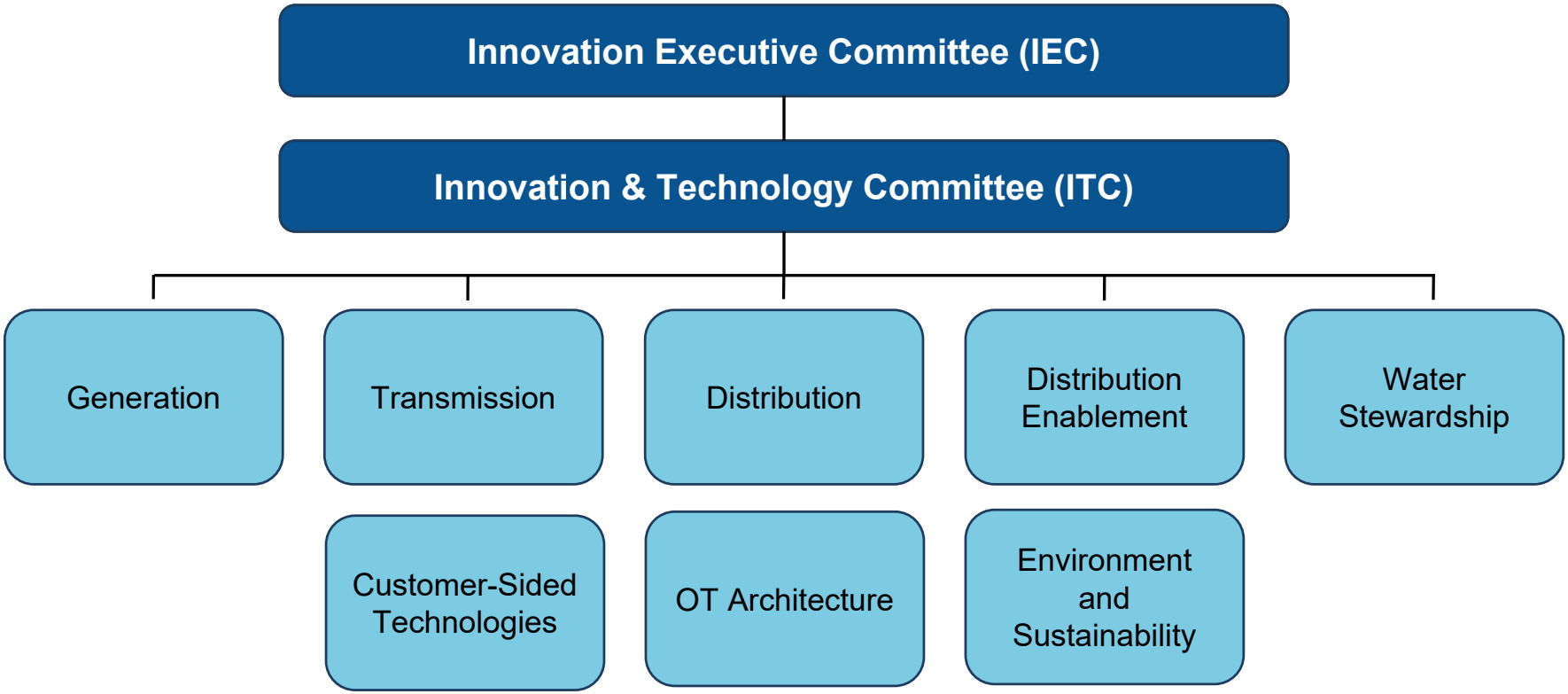
Water Platform Projects Research Partners

Research Organization	Projects
Arizona State University (ASU)	7
University of Arizona (U of A)	6
Northern Arizona University (NAU)	3
Great Basin Bird Observatory	1
Prescott/Prescott Valley	1
SRP Internal	1
United States Geological Survey	1
Total	20

Innovation Pipeline Goals

- Align all R&D into an Innovation Pipeline that supports SRP's strategic directions
- Broadly engage executive management
- Utilize the talent of the organization to proactively manage innovation & technology across SRP
- Enhance SRP's external view of technology trends
- Strengthen engagements with innovation partners
- Communicate the entirety of the process, from basic scientific research to operations integration

Enterprise-Wide Engagement



Pinyon Jay Nest Colony Delineation and Analysis

Colette Pansini | April 21, 2026

SRP's Forest Health Goal

Increase SRP’s leadership role in forest restoration treatments through partnerships, influence, education and support for industry to thin **800,000** acres total by 2035

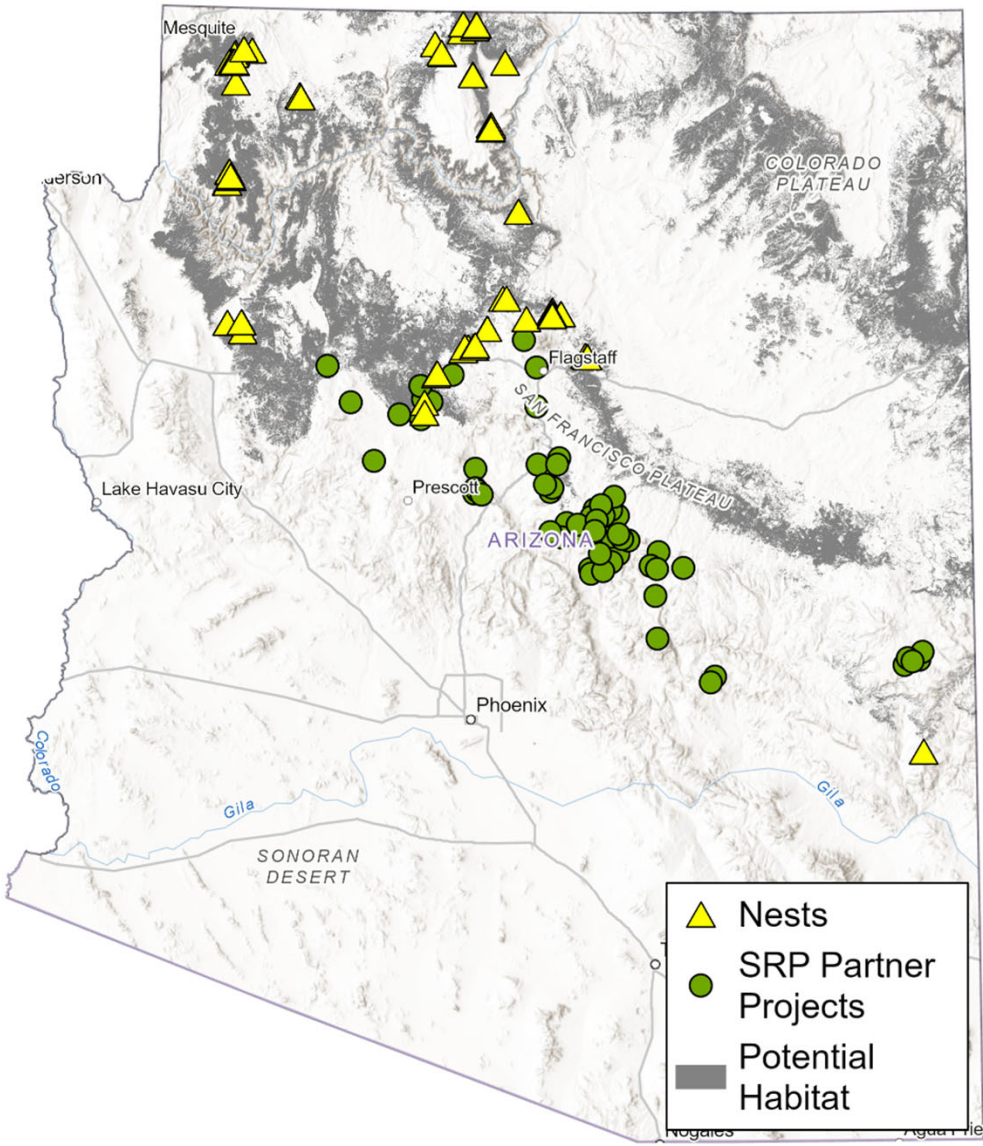
Pinyon Jays

- Pinyon Jays have shown sustained population declines for decades
- Currently being considered for Endangered Species Act listing
- Arizona specific species data would help inform the listing decision & forest management actions that minimize impacts to the species
- If the species is listed, there could be significant impacts to the ability to achieve SRP's forest health goal

Cornell Lab

Preliminary Findings – Years 1 & 2

- 129 nests found across 20 colony sites
- Overall nesting behavior and habitat utilization is different than in other states
- Only 2 nests found within 1 of SRP's partner project areas



Next Steps

- Complete 3rd year of data collection
- Data will inform Endangered Species Act listing decision
- Habitat characteristics will be incorporated into future forest thinning project prescriptions, objectives, and timing

Cornell Lab

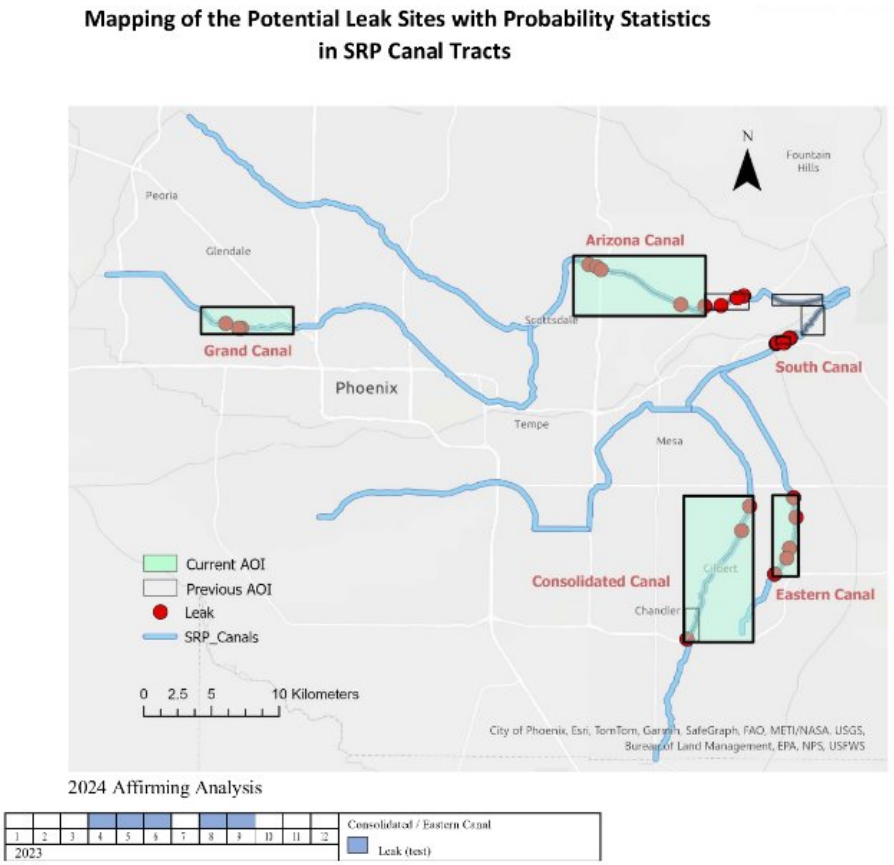
thank you!

Canal Leak University Project Update

Christian Andrews | April 21, 2026

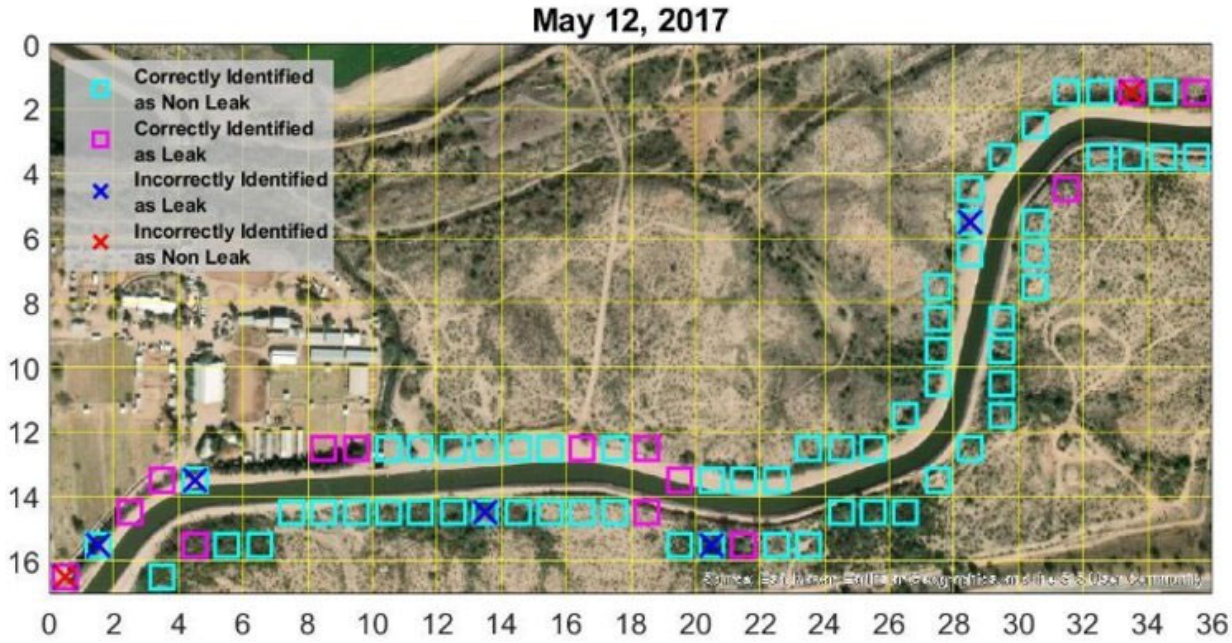
ASU Canal Seepage Study (EST. 2022)

- Monitor and predict leaks within SRP Canals
- Identify leak locations using remote sensing
- Reactive > Proactive > Predictive Maintenance



ASU Canal Seepage Study (EST. 2022)

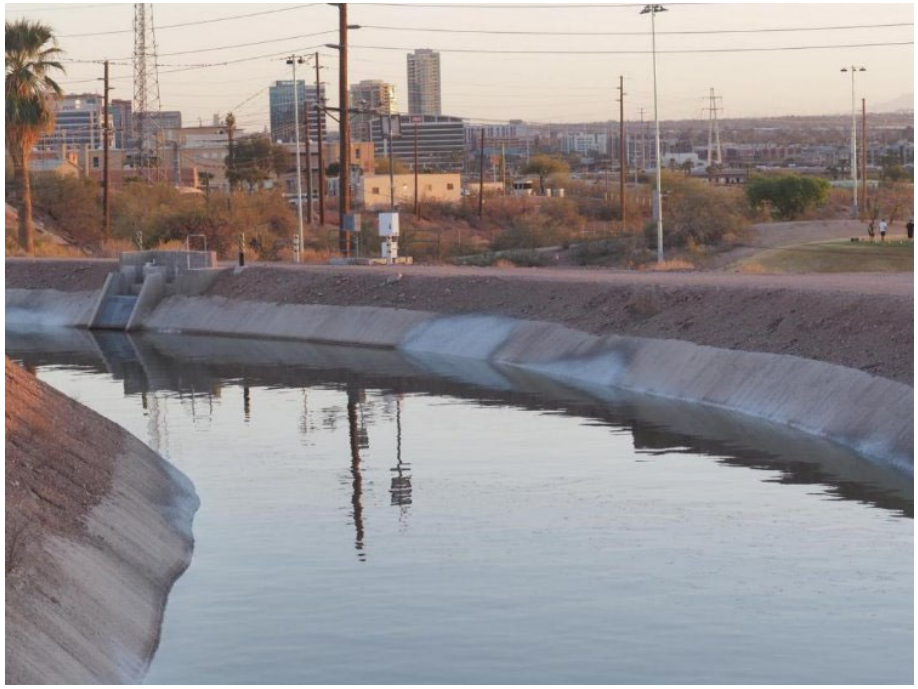
- Landsat imagery analysis
- Machine learning detection of anomalies
- Field validation of suspected leak sites



ASU Canal Seepage Study (EST. 2022)

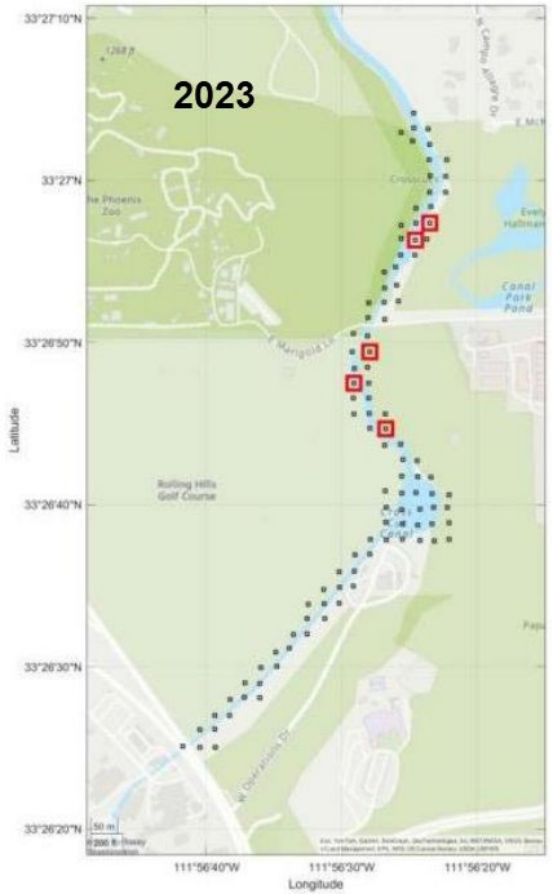
- 12 field validated leak locations
- Multiple fractures identified in canal liners
- Prototype user interface (UI) developed
- Full 131-mile scan incoming
- Finalize processing protocol and UI
- Integrate workflow with Water Engineering and C&M

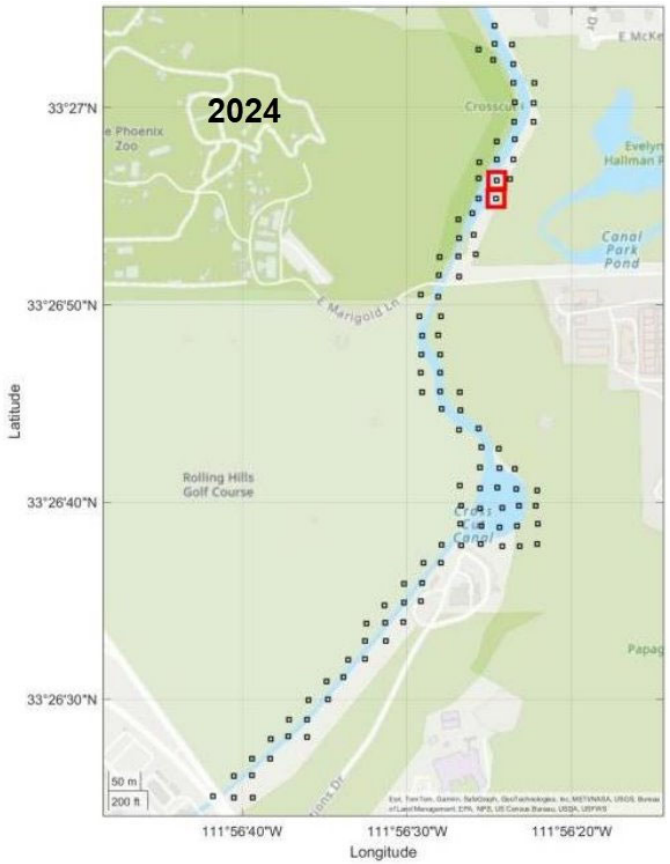
ASU Canal Seepage Study (EST. 2022)



FY24 Dry-Up

ASU Canal Seepage Study (EST. 2022)





thank you!

Fusing Airborne and CubeSat Methods for Snow Estimation and Supply Forecasting into Salt River Project Reservoirs

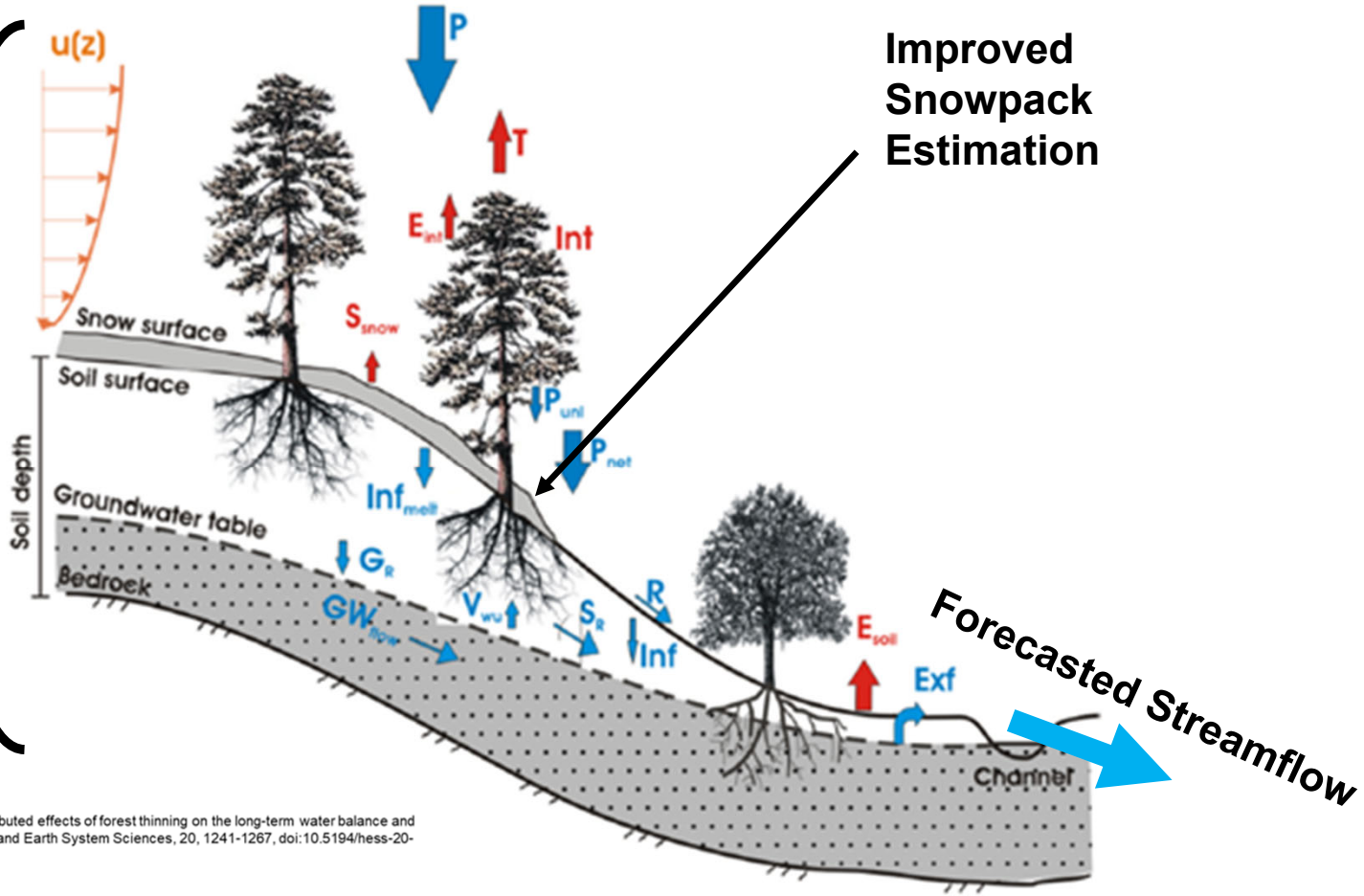
Bohumil M. Svoma, PhD | April 21, 2026

Outline

- Research Goal
- Satellite Snowpack Observations
- Airborne Lidar Snowpack Observations
- Lidar Measurements of the 2026 Black River Snowpack

Research Goal

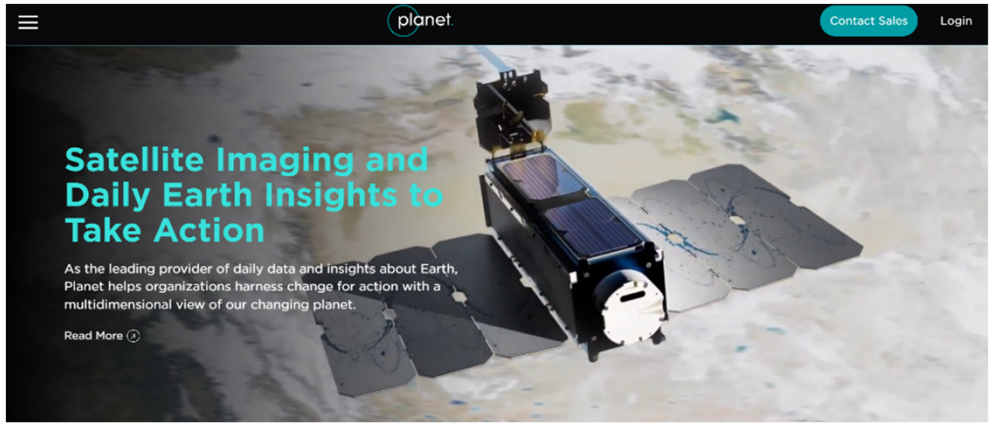
Physical Hydrologic Model

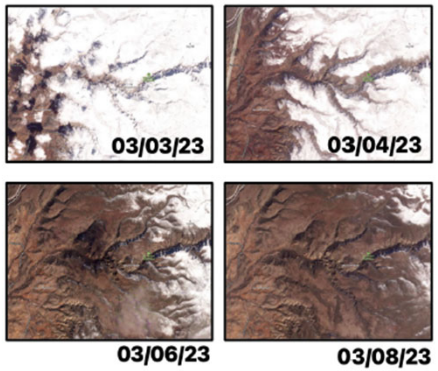


Improved Snowpack Estimation

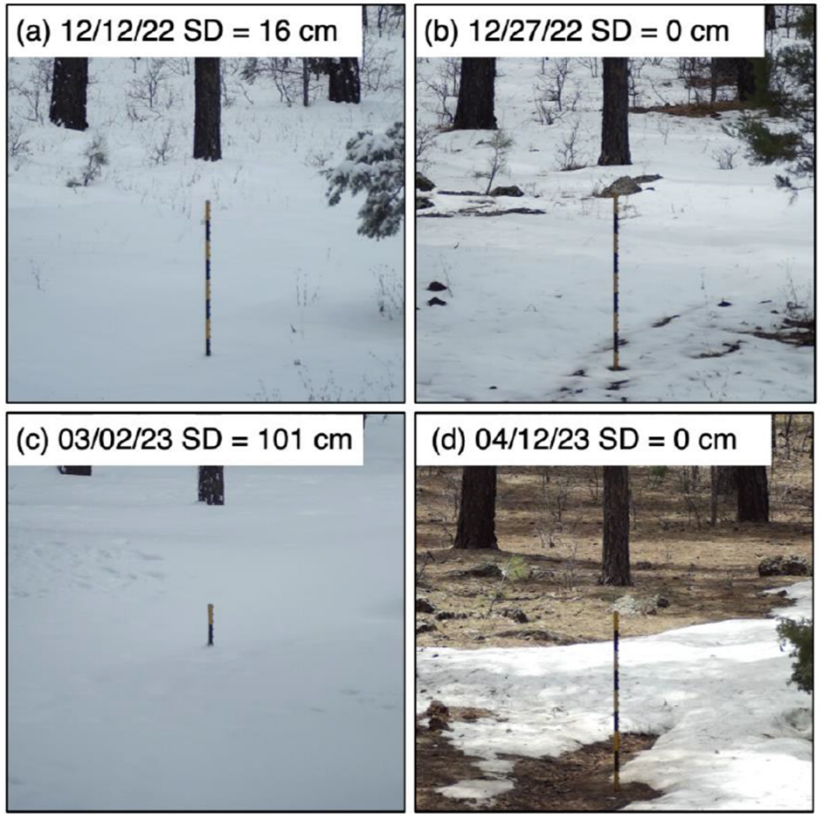
Moreno HA, HV Gupta, DD White, and DA Sampson, 2016, Modeling the distributed effects of forest thinning on the long-term water balance and streamflow extremes for a semi-arid basin in the southwestern US. Hydrology and Earth System Sciences, 20, 1241-1267, doi:10.5194/hess-20-1241-2016

Snowpack Observations from Satellite

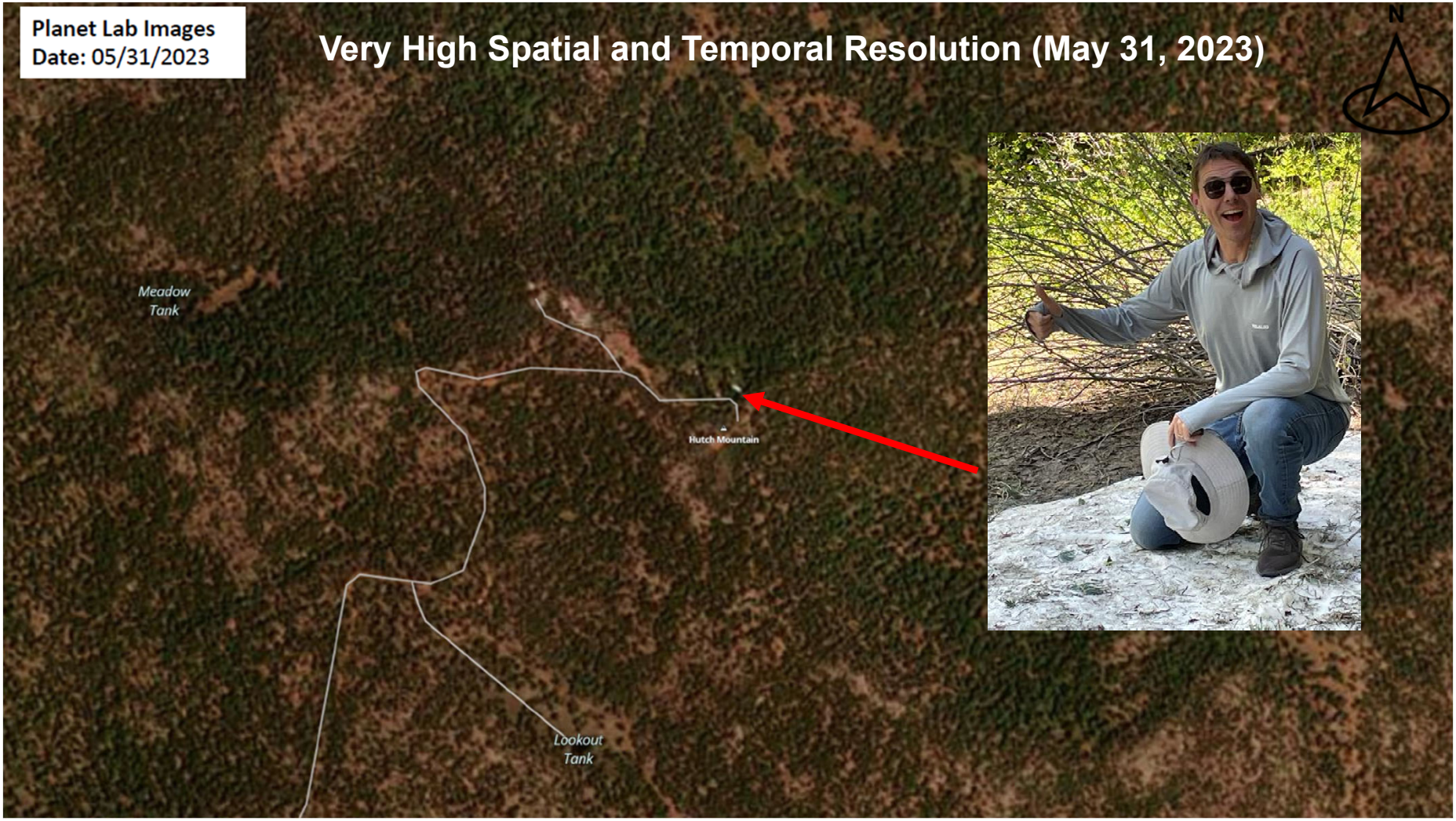




Rapid snowmelt & Large spatial variations



Credit: Zhaocheng Wang and SRP Data Analytics Team


Planet Lab Images
Date: 05/31/2023
Very High Spatial and Temporal Resolution (May 31, 2023)
N
Meadow Tank
Hutch Mountain
Lookout Tank

ASO Survey Report

Upper Black River, AZ

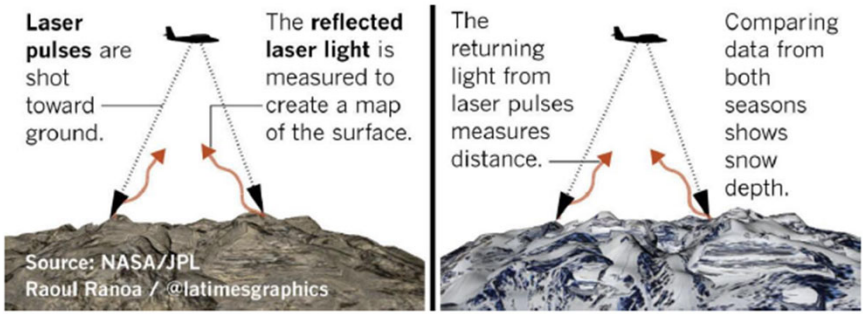
Survey Date: March 12, 2026

Airborne Snow Observatories, Inc. is a public benefit corporation with a mission to provide high-quality, timely, and accurate snow measurement, modeling, and runoff forecasts to empower the world's water managers to make the best possible use of our planet's precious water.

Historical data and reports can be found at:
data.airbornesnowobservatories.com

04/21/2026, Water Committee, B. Pane, C. Andrews, C. Pansini, B. Svoma

LIDAR Snow Depth: First ASO Flight Ever in AZ



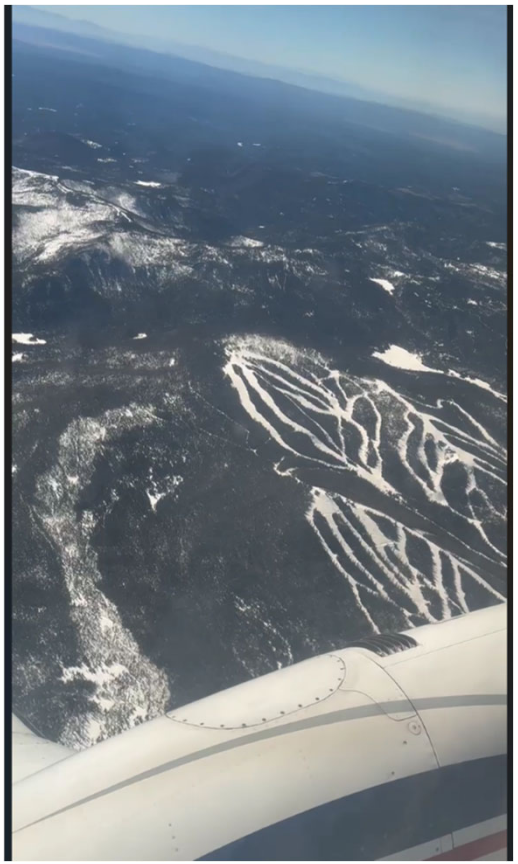


Photo Credit:
Zhaocheng Wang,
Arizona State University

Survey Results from Feb. 23rd

UPPER BLACK RIVER
FEBRUARY 23, 2026 SURVEY

Survey date: February 23, 2026
Survey # of Water Year 2026: 2
Report delivery date: February 27, 2026

Full basin SWE: 9.5 ± 0.4 TAF
Δ SWE since previous survey: +0.4 TAF
Estimated snowline: 8470 ft

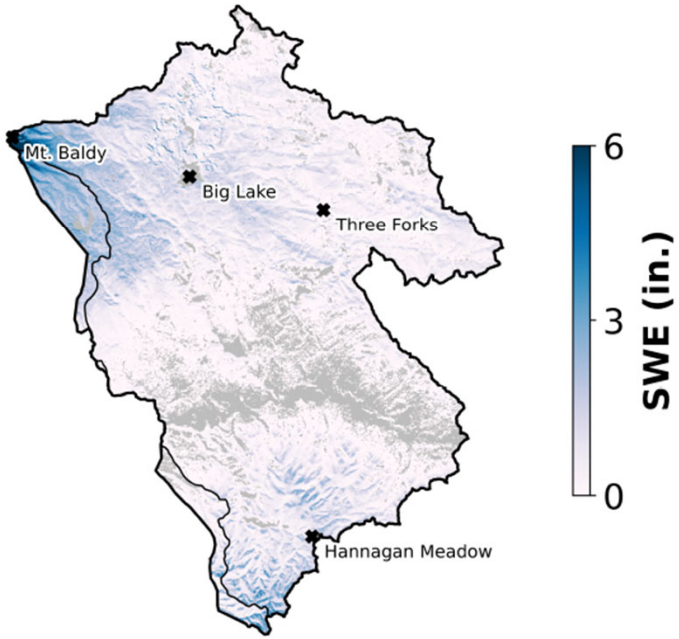
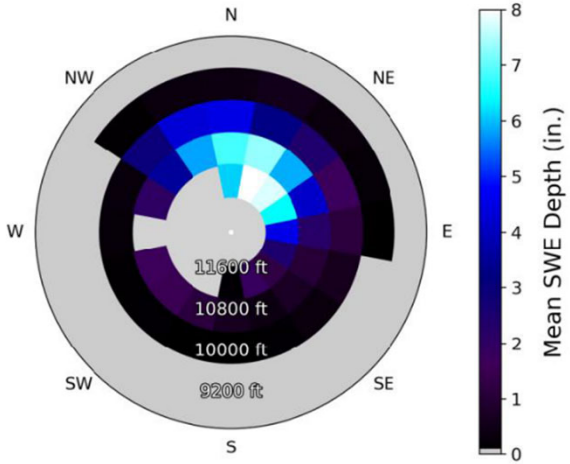
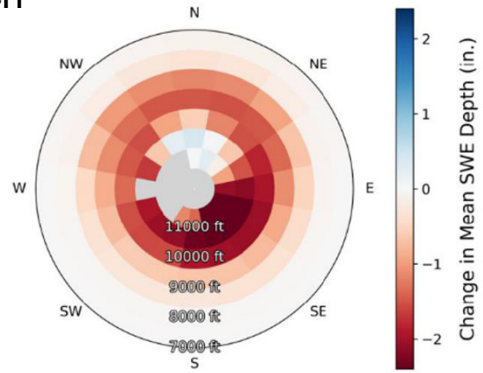


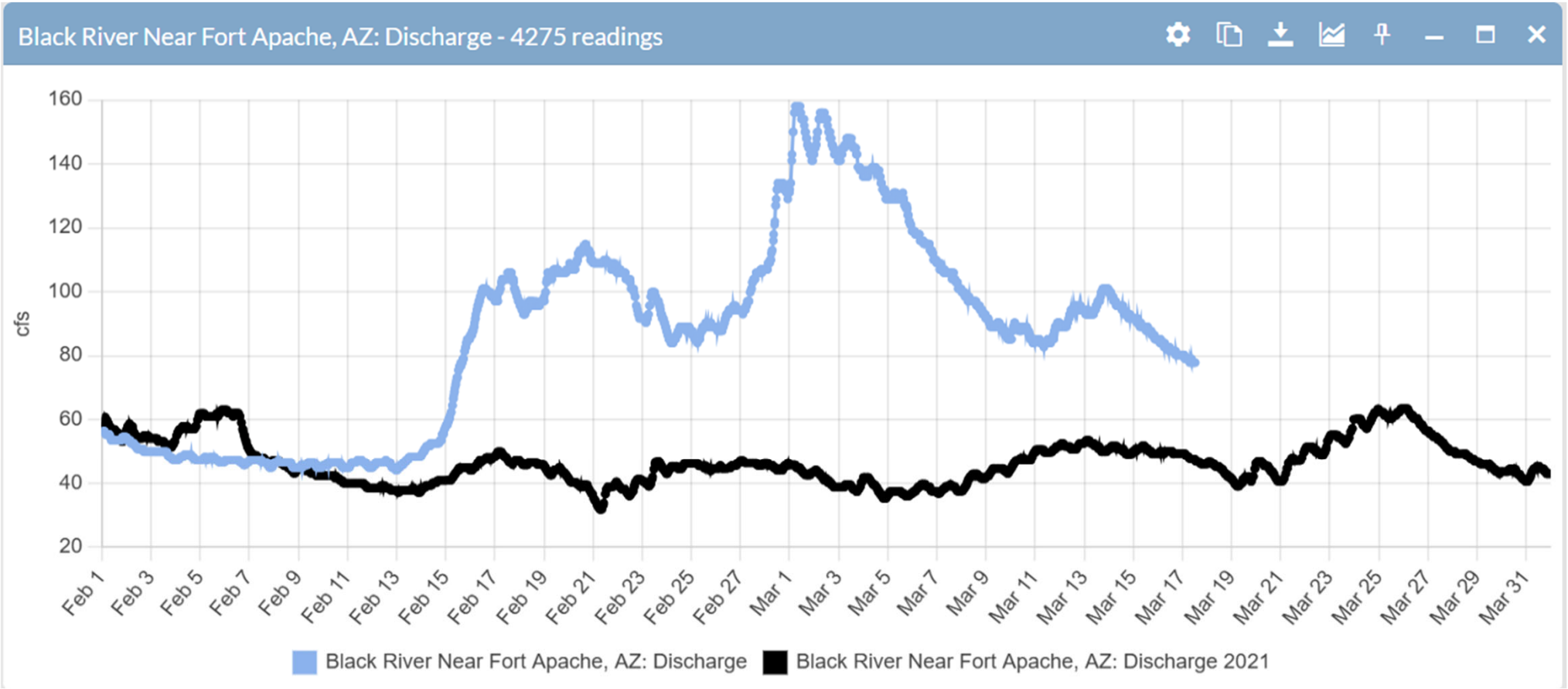
Figure 1. Spatial distribution of Snow Water Equivalent depth (in).

Survey Results from March 12th



Feb. 23 to March 12 change. Snowpack decreased everywhere but the highest elevation north aspects




Black River Near Fort Apache, AZ: Discharge - 4275 readings
160
140
120
100
80
60
40
20
cfs
Feb 1
Feb 3
Feb 5
Feb 7
Feb 9
Feb 11
Feb 13
Feb 15
Feb 17
Feb 19
Feb 21
Feb 23
Feb 25
Feb 27
Mar 1
Mar 3
Mar 5
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Mar 11
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Mar 15
Mar 17
Mar 19
Mar 21
Mar 23
Mar 25
Mar 27
Mar 29
Mar 31
Black River Near Fort Apache, AZ: Discharge
Black River Near Fort Apache, AZ: Discharge 2021

Summary

- Improved snowpack measurements can improve streamflow forecasting with a physical hydrologic model
- Airborne lidar and on-ground measurements produced high resolution maps of the Upper Black River snowpack
- The wet fall likely aided the minimal snowmelt in producing a streamflow response in the Black River.
    - Providing an extreme case to test hydrologic models

thank you!

Update on Current ADOT Projects In Salt River Reservoir District and State Route 30 Tres Rios Freeway Project

Water Committee Meeting

April 21, 2026

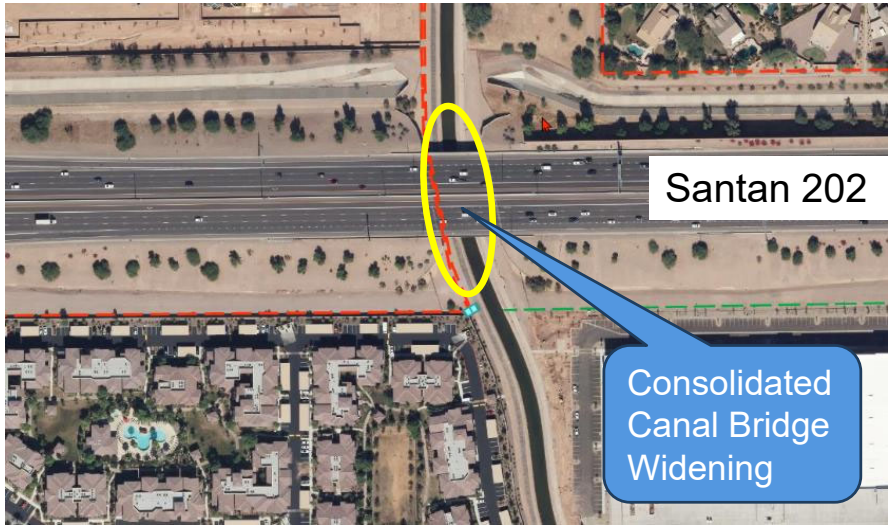
Jorge Garcia, Senior Principal Engineer

Agenda

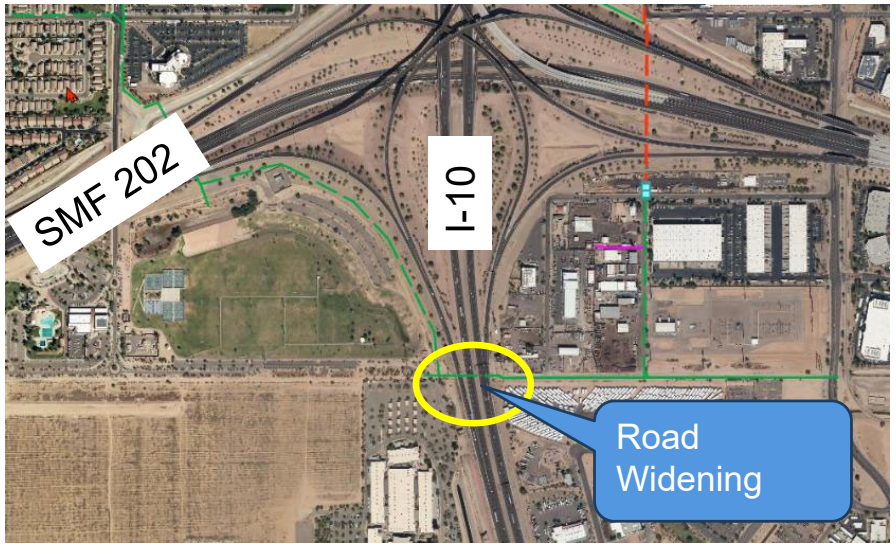
- ADOT Projects that we are inspecting road widening work – Issue Water Engineering Licenses
  - Santan 202 Road Widening, From Loop 101 to Val Vista Drive
  - I-10 Wild Horse Pass Corridor, South Mountain 202 to State Route 387
- ADOT Projects that we have construction work
  - I-10 & Agua Fria Loop 101 Interchange Improvements
  - 35th Avenue & Grand Intersection Improvements
  - State Route 30 Phase 1: Dysart to South Mountain Freeway 202

Road Widening Inspection Projects

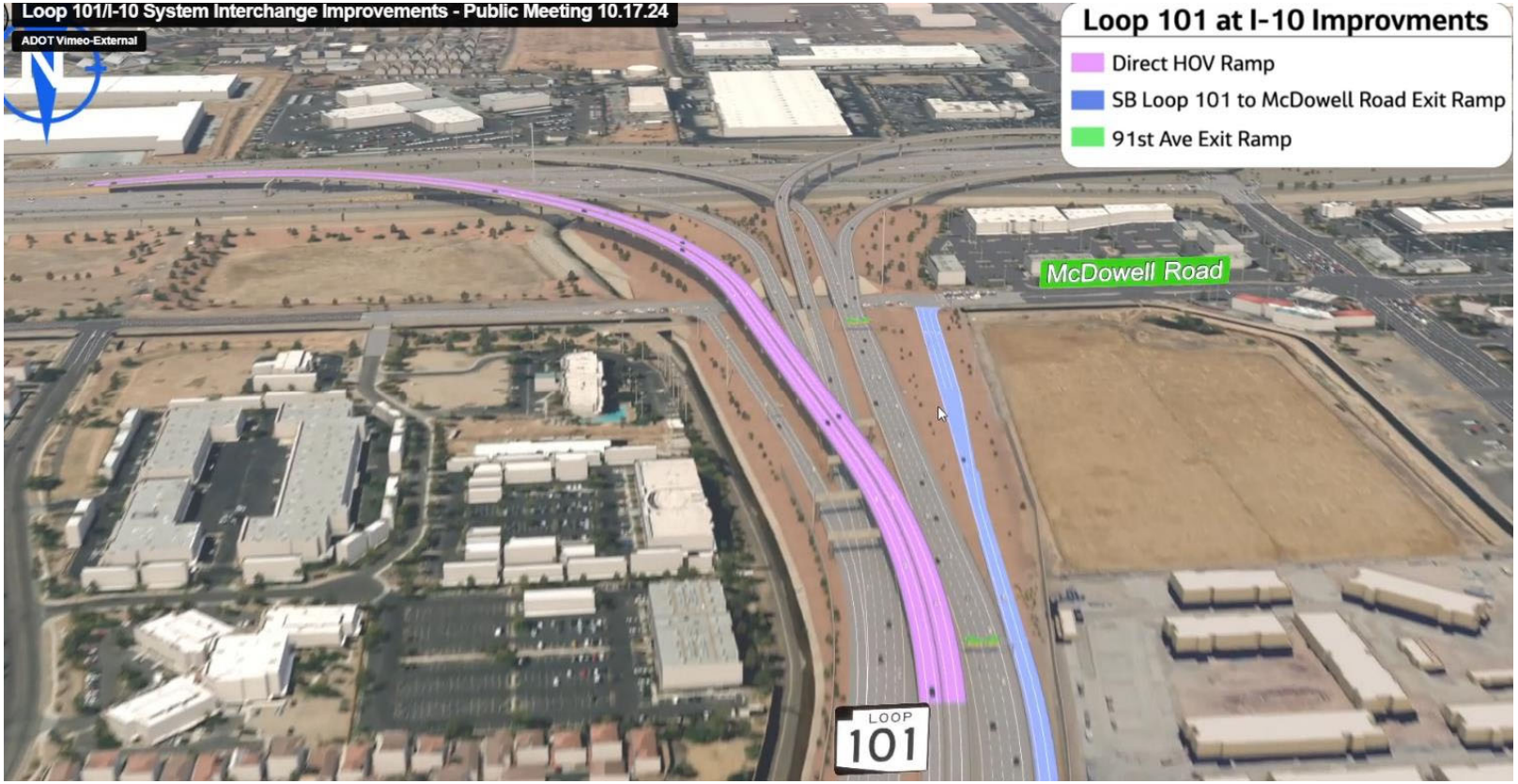
- Santan 202 Loop 101 to Val Vista Road
  - Bridge widening over Consolidated Canal
  - ADOT expects to be completed by end of May



- I-10 Wild Horse Pass
  - Freeway widening over drain to GRIC
  - ADOT to start construction this Summer

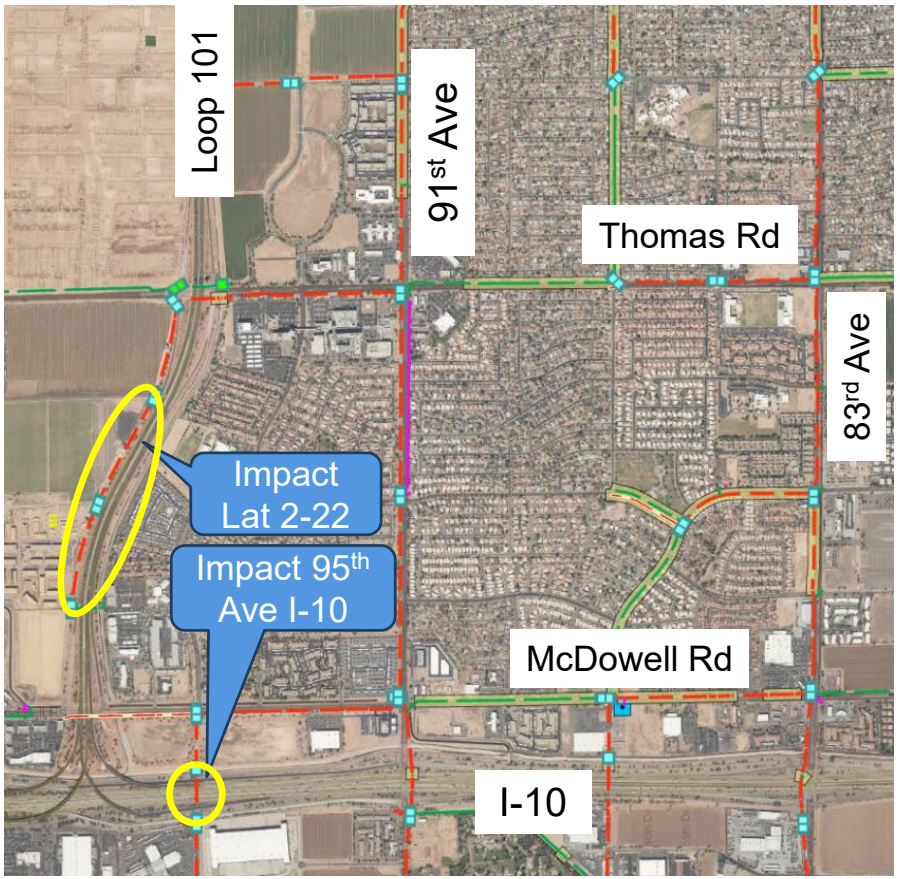


Improvements Looking Southbound Towards I-10 at Loop 101 Interchange Project



Water Facilities Impacted By I-10 and 101 Interchange

- Construction is now complete
- Lateral 2-22 ~ 2500’ of new pipe, 2 delivery structures
- 95th Ave crossing of I-10 – Custom Manhole
- ADOT paid SRP $2.5 million for design and construction



35th Avenue & Grand Intersection Project

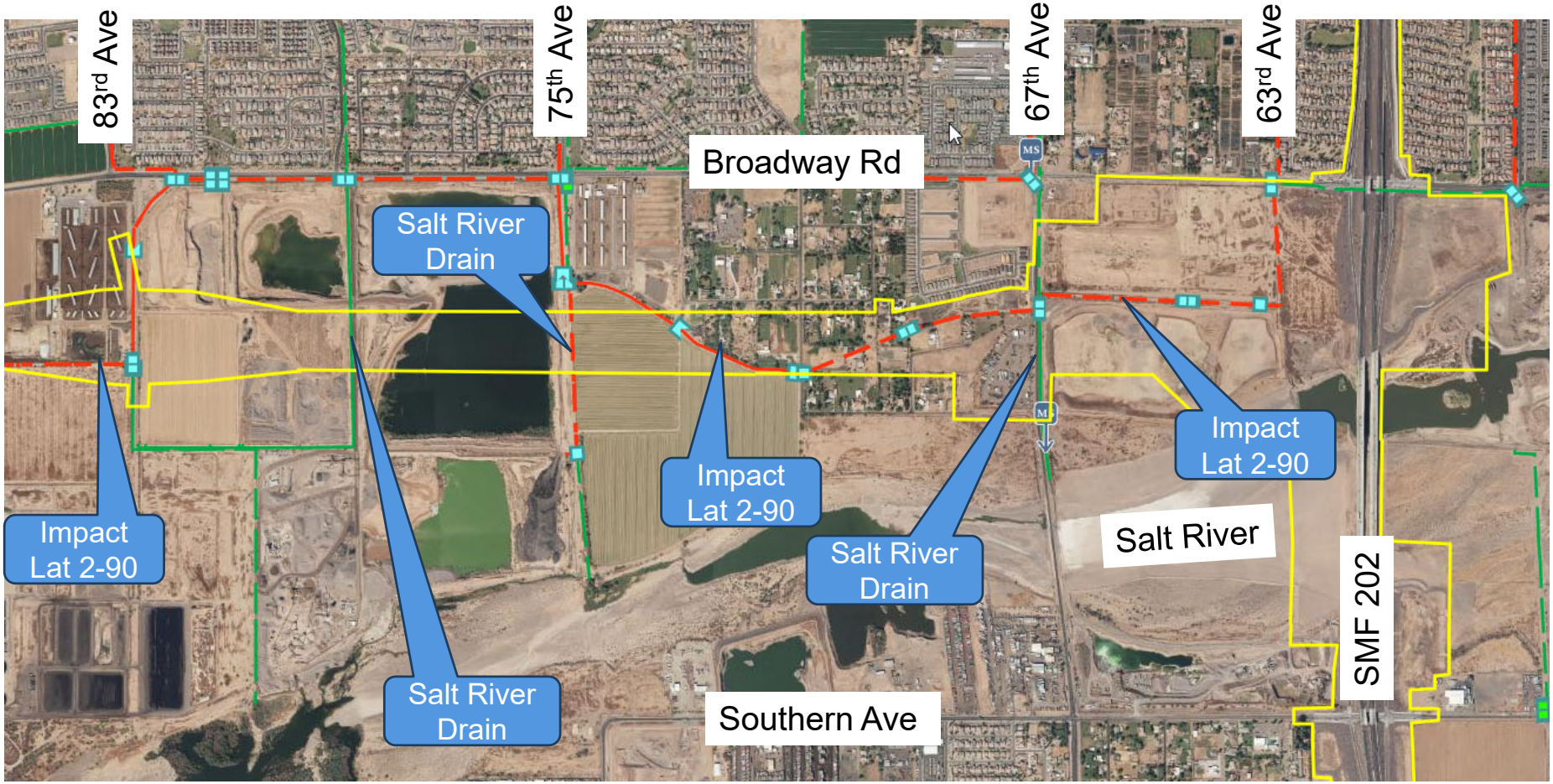
- In design now.
- 4000’ of Pipe will be relocated to the west side of 35th Avenue.
- Jack & Bore under Grand Avenue and BNSF Railroad to avoid road and train closures.

ADOT's State Route 30 (SR 30) Tres Rios Freeway

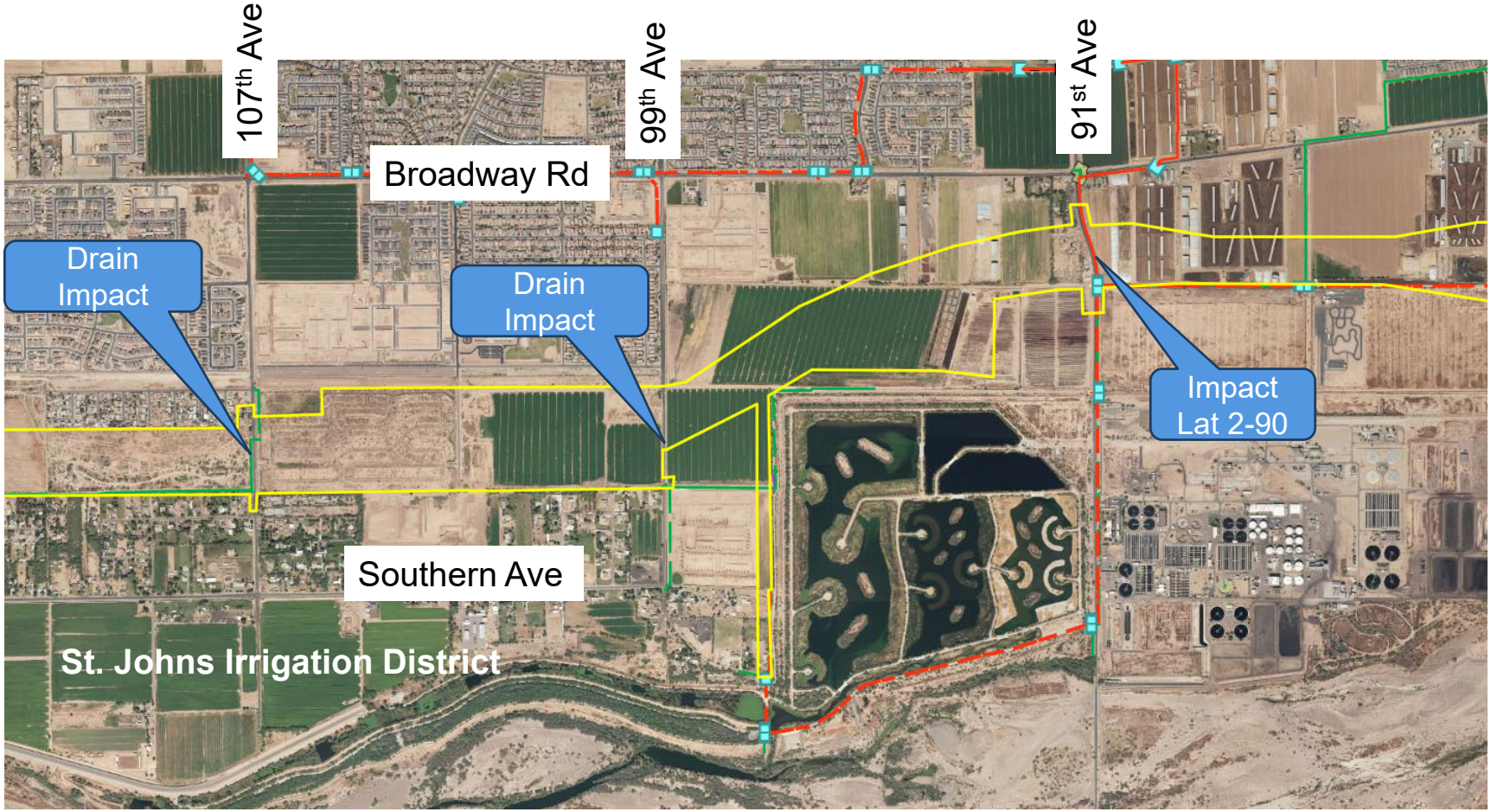
- Designed to relieve traffic congestion on I-10
- New freeway will connect Buckeye, Goodyear, Avondale, and Phoenix – From SR 85 to I-17 Durango Curve
- Will be constructed in phases
- Will impact numerous SRP Water & Power facilities
- Will create Municipal and Developer projects nearby

SR 30 Sections ~ Fiscal Year Construction

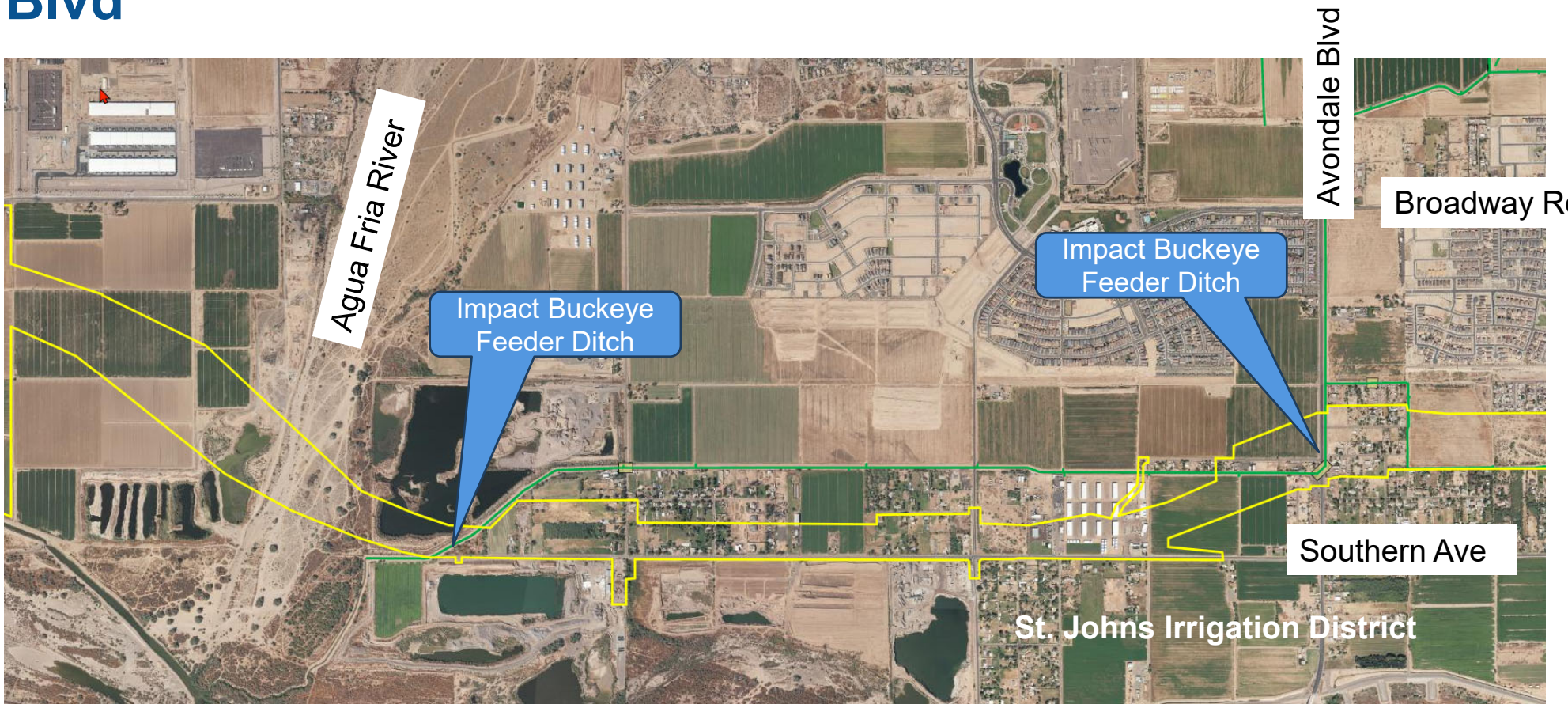
Water Facilities Impacted 83rd Ave to SMF 202



Water Facilities Impacted 107th Ave to 89th Ave

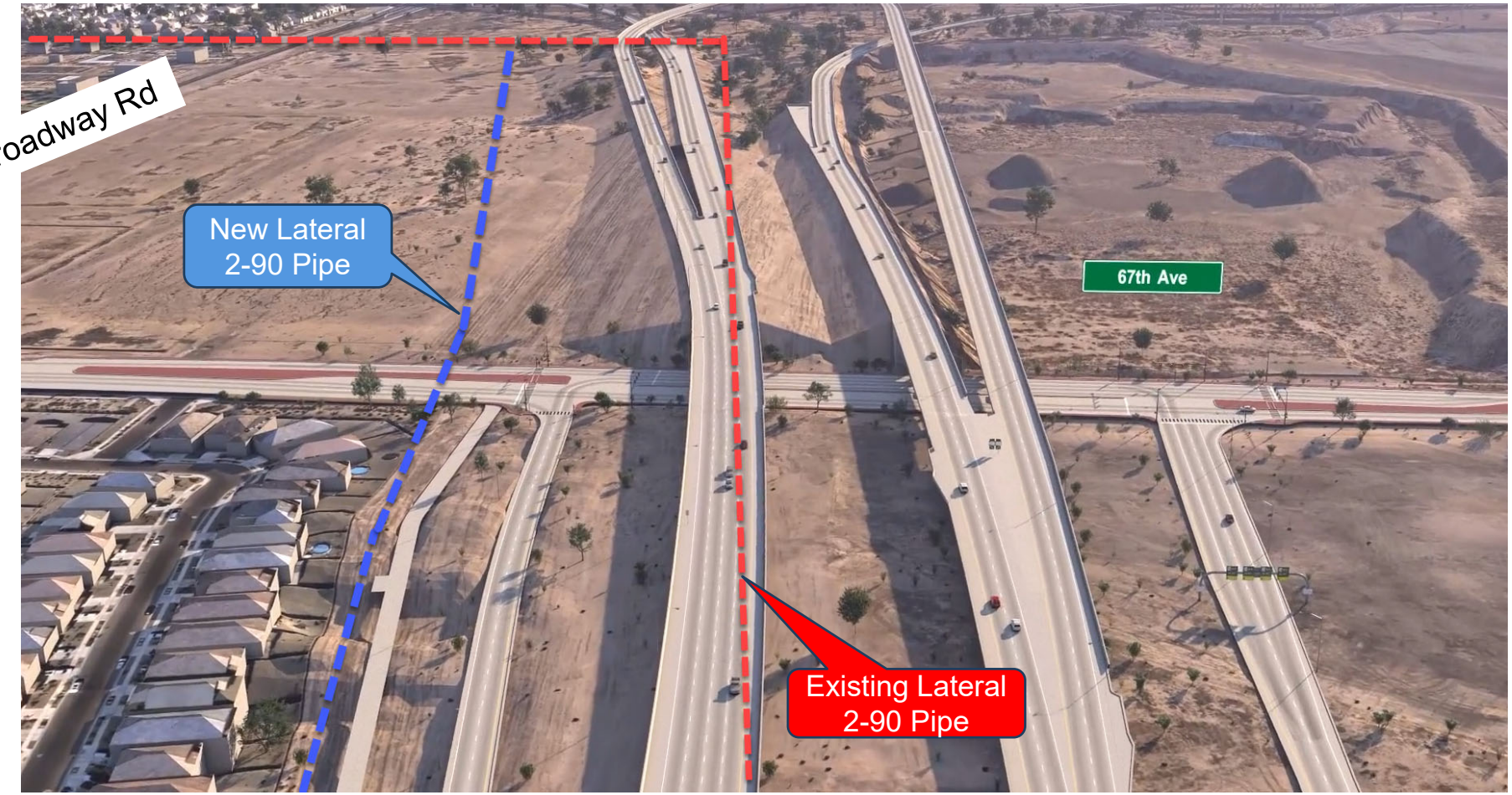


Water Facilities Impacted Agua Fria River to Avondale Blvd



SR 30 91st Avenue and Broadway Rd Graphic

SR 30 & 67th Avenue Graphic



SR 30 & SMF 202 Interchange Graphic

Summary for State Route 30 Project

- Challenges:
  - ADOT's Schedule, existing utilities
  - Build America Buy America (BABA) Compliance for materials
- Final Water construction plans by early Summer for 97th to SMF 202
- We will be executing construction agreements with ADOT
- All ADOT design and construction work is reimbursed 100% for Water projects due to Prior Land Rights status
- 5 miles of new pipe, 18 delivery structures, and over 50 access manholes
- Work on SMF 202 from Baseline to Buckeye Road

thank you!