

HAT TRICK: LARGE DIAMETER PIPELINE REHAB

Achen-Gardner Construction worked on three large diameter pipeline rehabilitation projects during the month of November. We are proud of our staff who have the knowledge and ability to mobilize and coordinate resources for these three projects concurrently. Information on those projects is below.

The first construction phase of the Central Arizona Water Conservation District **Salt River Siphon Repair Design-Build** project began in November and was completed within a week. This project involves assessment and repairs to the interior coatings of the Salt River Siphon, one of the largest segmented pipelines in Arizona which spans underneath the Salt River just downstream of the Granite Reef Dam. The siphon is 8,900 LF long and constructed from 21-foot diameter steel pipe that is buried more than 50 feet below the river bottom. Achen-Gardner crews were responsible for planning the dewatering of more than 25 million gallons of water contained in the siphon and for developing and maintaining safe access and conditions within the pipe during work operations. [Visit our website for more project information and photos.](#)



An assessment crew inside the 21-foot diameter Salt River Siphon.

The first construction phase of our **Ak-Chin Link Pipeline Repair and Mitigation Design-Build** project (pictured above) for the Ak-Chin Indian Community began in October and was completed by mid-November. This project involved exposing 312 LF of the 8.4 mile long Ak-Chin Link Pipeline near the intersection of John Wayne Parkway and Peters and Nall Road. The pipe was cleaned and the existing mortar coating and wire wrap of the Prestressed Concrete Cylinder Pipe (PCCP) were evaluated. Repairs were performed in critical locations and a concrete reinforced encasement was poured around the pipe to mitigate further deterioration. [Visit our website for more project information and photos.](#)

Construction on GMP 2 of our City of Phoenix **Val Vista Transmission Main Rehabilitation CMAR** project began in the beginning of November and is scheduled to be completed in early 2019. This project includes the rehabilitation of approximately 4,900 LF of 90" to 96" transmission main using a welded steel liner. Work is being done in three different access portal (pit) locations in the City of Mesa. [Visit our website for more project information and photos.](#)



Installation of welded steel liner east of Mesa Drive on our Val Vista Transmission Main Rehabilitation CMAR project.



Achen-Gardner crews used trench boxes as the framework for the concrete encasement on our Ak-Chin Link Pipeline Repair and Mitigation project.

NEW PROJECTS

Achen-Gardner Construction was recently selected to provide pre-construction and construction services for the following projects:

- The City of Phoenix **Zone 3D and 4A Improvements Program: Water Transmission Main CMAR**
- The City of Scottsdale **Raintree Drive Extension Project: Scottsdale Road to Hayden Road CMAR**

We look forward to working on these exciting projects.

TURKEY TUESDAY

Achen-Gardner employees will be delivering turkeys to the United Food Bank and City of Mesa **Great Turkey Tuesday** event on November 20th. [Visit the United Food Bank website for more information on how to donate.](#)



SKY KIDS TAKE FLIGHT

For the fifth year in a row, Achen-Gardner sponsored and volunteered at the fall Sky Kids Fly Day Event for Special Kids held at Scottsdale Airport on November 3, 2018. This marks the 12th local event for Sky Kids and for Achen-Gardner. Sky Kids provides children with special needs an opportunity to fly in a general aviation aircraft with an expert pilot along with a parent or friend to experience the wonders and enjoyment of flight. Thank you to all of the volunteers and sponsors who made this year's event possible!

The event provided the opportunity for 96 Sky Kids to fly, along with 159 family members. It was a fun day on the ground too, with fire and police department displays, cheerleaders, craft activities, clowns, helper dogs, music, and an appearance by Spider-Man and friends. [Visit the Sky Kids website for more information.](#)



BEST NEW ATTRACTION

Phoenix Magazine named our award-winning Commonwealth Avenue canal redevelopment project the Best New Attraction in a Downtown. This project, completed as part of our **Downtown Chandler Infrastructure Improvements CMAR** project, created a historically educational and aesthetically pleasing experience along the SRP canal between San Marcos Place and Dakota Street. [Visit our website for more project information, photos, and an informational video.](#)

CHANDLER'S TOP 100

The Chandler Chamber of Commerce has recognized the top 100 distinguished stakeholder businesses in Chandler and Achen-Gardner Construction was ranked #66 on the list. The Chandler Chamber honors the top 100 distinguished stakeholder business in Chandler based on physical presence and number of paid full time equivalent employees.

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