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IMPORTANT! NEW POWER LINES COMING TO YOUR AREA

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FREEDOM TO WILLIS 69kV POWER LINE PROJECT

October 2019

To increase reliability in and around the Liberty and Rainbow Valley communities of Buckeye and Goodyear, Arizona Public Service (APS) identified the need for a new 69,000 volt (69kV) power line between the Freedom and Willis substations.

In late June 2019, we announced the process for selecting a route alignment for the project in a newsletter like this one. An open house was held on July 11 to explain the purpose and need for this project, present alternative route options and solicit input from all who attended.

Opportunities for commenting have been available through email, mail, telephone and the project webpage over the past two months. The input we received from residents, tenants, property

owners, businesses and recreational users has been incorporated into the siting process along with engineering and environmental studies to identify the final route. After evaluating environmental impacts, engineering and construction feasibility, land acquisition timing and costs, potential impacts to existing and planned neighborhoods, and input from agencies and the public, a final route for the new 69kV line has been determined.

With the final route selected, APS will begin to acquire land rights, complete design and obtain permits for the construction of the line. We anticipate construction to begin in 2021, and the project is planned to be completed and energized by 2022.



**FREEDOM TO WILLIS
69kV POWER LINE
PROJECT**

New Power Line Route Selected

Please visit our project website at aps.com/siting



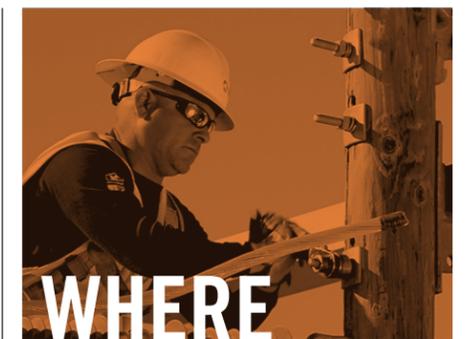

WHAT

The Freedom to Willis 69kV Project is a new power line between the Freedom and Willis substations. The power line will include new poles, approximately 65 feet tall, placed in new or existing rights-of-way 40-60 feet in width.



WHY

Greater electric capacity needs in the Buckeye and Goodyear areas require the addition of this line to improve reliability, ensure public safety, reduce outages and meet the need for future growth in the Liberty and Rainbow Valley communities.



WHERE

As shown on the included map, the approximately 11.6-mile power line will connect the Freedom Substation (South Tuthill Road and West Broadway Road in Buckeye) and the Willis Substation (South Rainbow Valley Road and West Willis Road in Goodyear).



69kV POWER LINE ROUTE LOCATION

The final power line alignment will follow the "Green Route" option, as presented at the July open house and shown on the included map. The new power line will traverse approximately 11.6 miles from the Freedom Substation (South Tuthill Road and West Broadway Road) to the Willis Substation (South Rainbow Valley Road and West Willis Road). It will primarily follow along the South Verrado Way/ South Airport Road alignment, as well as portions of South Tuthill Road/203rd Avenue and South Rainbow Valley Road.

PROJECT FEATURES*

The new 69kV power line will consist of steel-pole structures, and, to the extent possible, will consolidate with and rebuild portions of existing 12kV and 69kV lines. Typical structures are about 65 feet tall, and typical right-of-way/easement widths are 40-60 feet wide (20-30 feet on each side of the structures). Where possible, existing road rights-of-way will be utilized to reduce overall easement widths for those portions along city and county roads.

**Pole heights may increase and right-of-way width may vary depending on terrain.*

Thank you for your interest and participation in the project. Additional notification will be made to area residents and land owners prior to the start of construction. Updates can be found on the project website, which will continue to be maintained throughout construction. The project website can be found by navigating to aps.com/siting, then clicking on "find out more" under current projects. Questions may continue to be emailed directly to:

STEPHEN EICH

APS Siting Consultant
FreedomWillis@aps.com

PROJECT SCHEDULE

2020

- Project Design
- Right-of-Way Acquisition

2021

- Begin Project Construction

2022

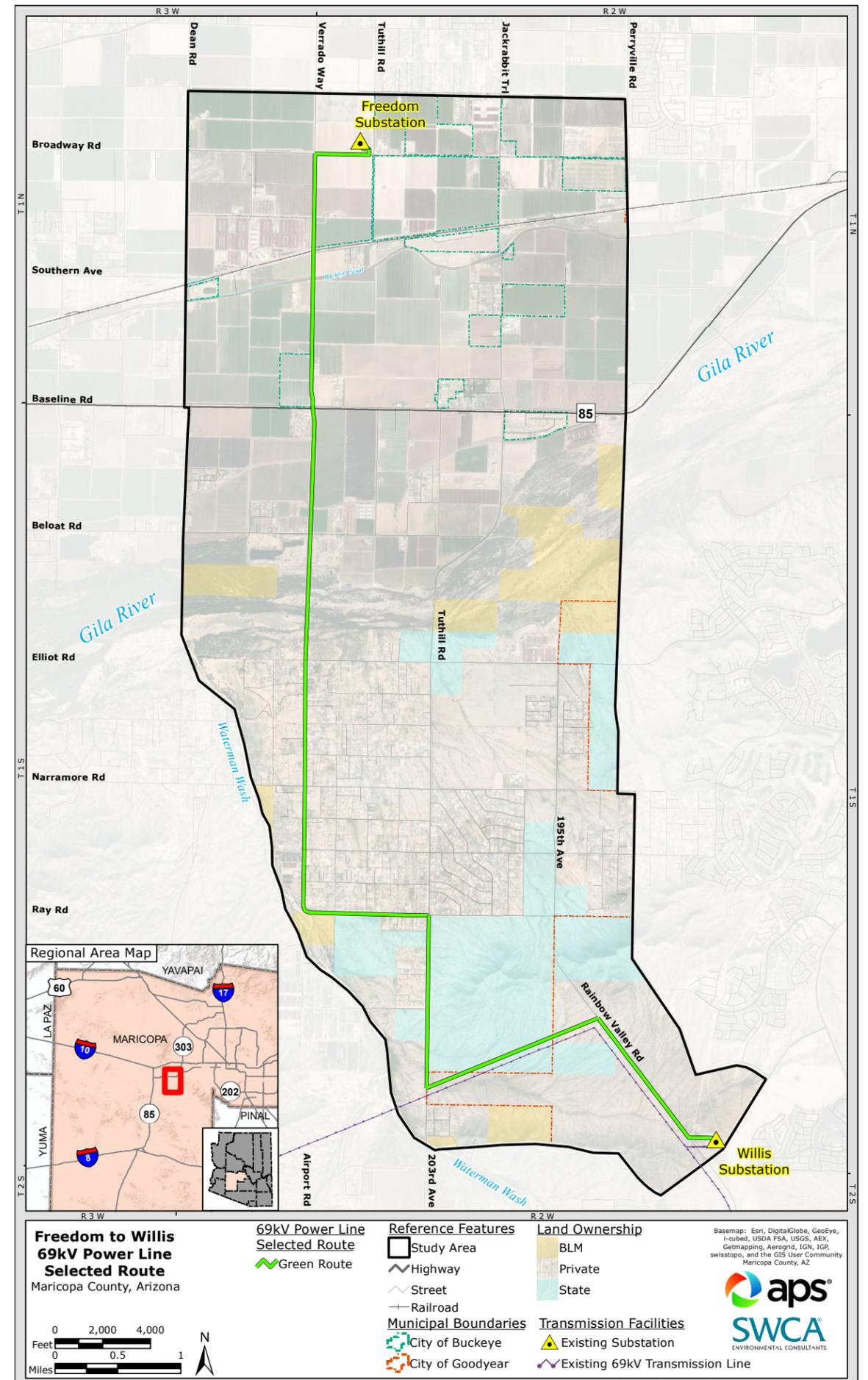
- Complete Project Construction
- Line in-Service



Single-circuit 69kV pole with 12kV underbuild



Double-circuit 69kV pole with 12kV underbuild



**Freedom to Willis
69kV Power Line
Selected Route**
Maricopa County, Arizona

69kV Power Line
Selected Route
Green Route

Reference Features

Study Area
Highway
Street
Railroad

Municipal Boundaries

City of Buckeye
City of Goodyear

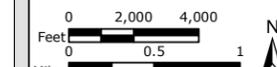
Land Ownership

BLM
Private
State

Transmission Facilities

Existing Substation
Existing 69kV Transmission Line

Basemap: Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aergrid, IGN, IGP, swisstopo, and the GIS User Community Maricopa County, AZ



Map can also be found on the project webpage at www.aps.com/siting.