

South Mountain Transmission Project open house

Welcome

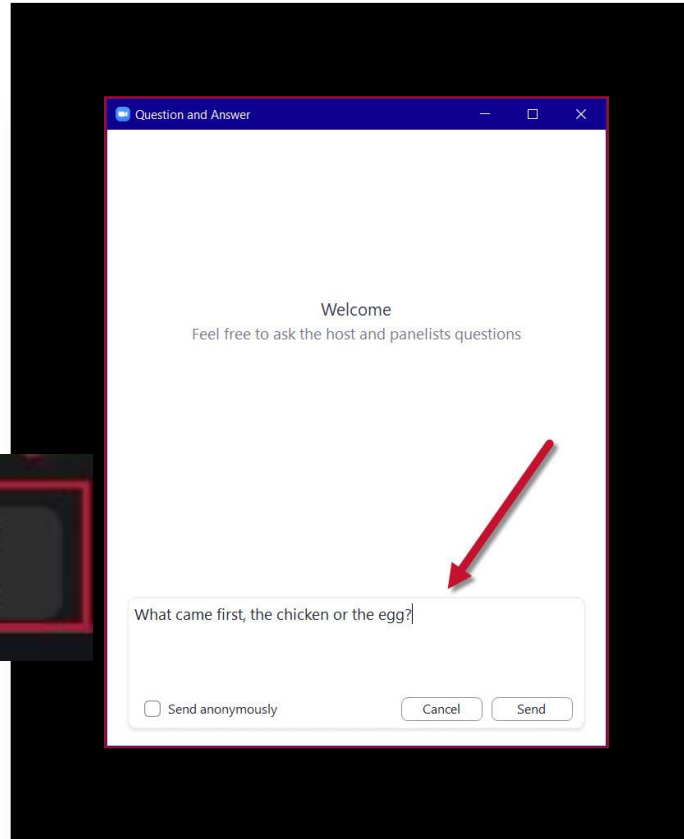
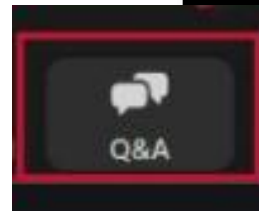
Agenda

- Introductions
- Project Overview Presentation
- Questions & Answers via Q&A Function

We want to hear from you.

- Use the Q&A Feature to type in questions
- Ask questions throughout the presentation
- We will respond to as many questions as we can

*Click "Q&A" at
bottom of screen*



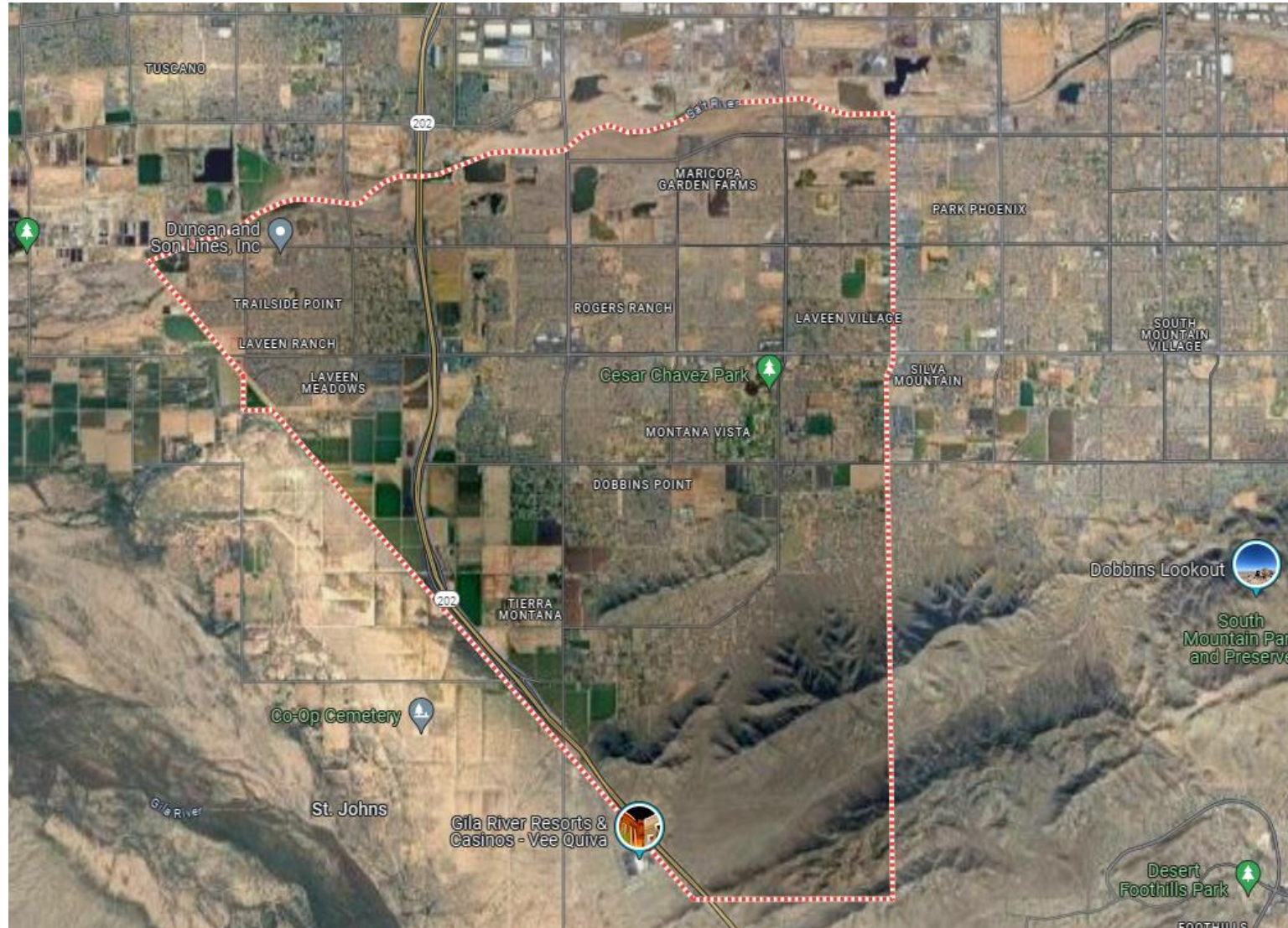
Feedback Survey Form



www.srp.net/SMT
1-855-584-1484

Purpose and Need

Laveen Boundary

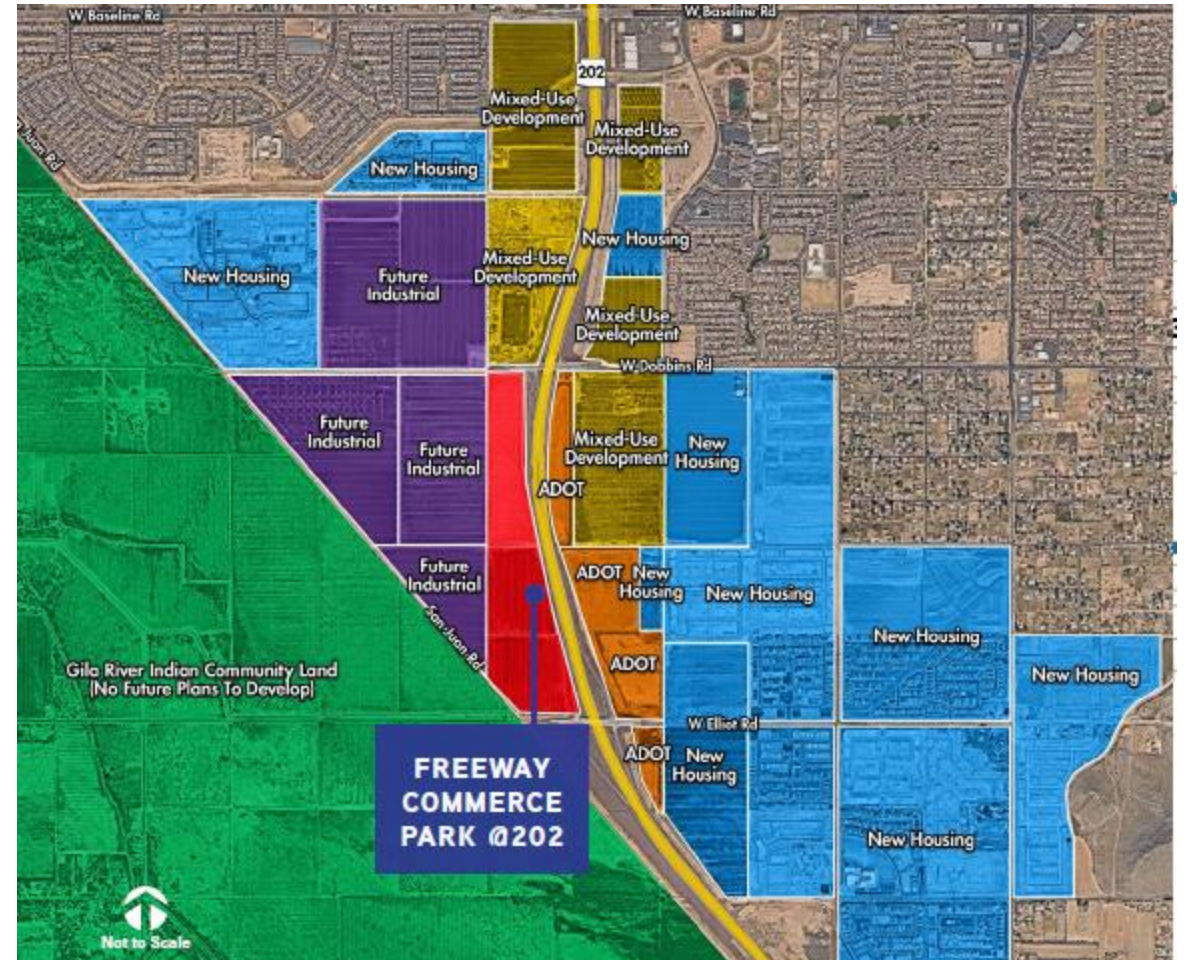


Purpose and Need

City of Phoenix High Growth Area

South Mountain Freeway

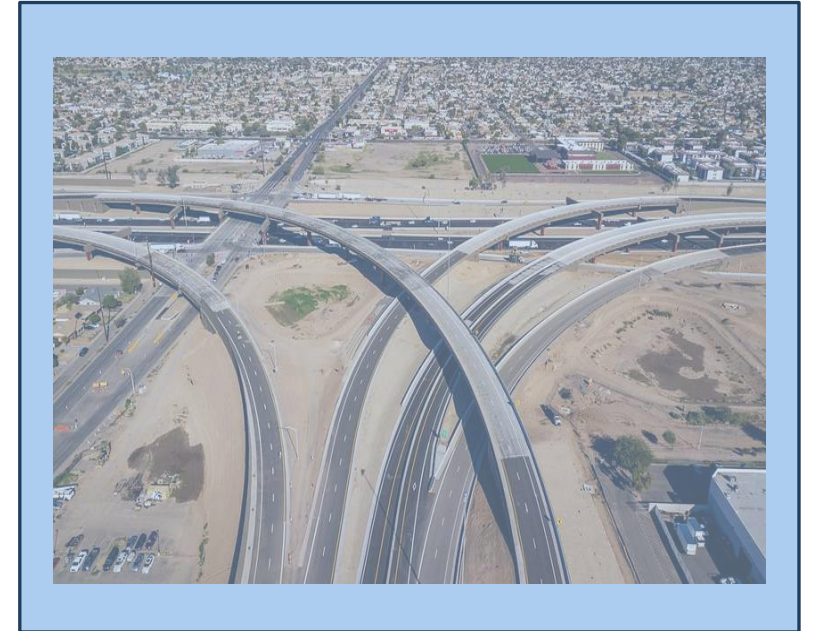
- Area planned for various uses: residential, commercial, industrial and tech corridor
- Growth requires high level of reliability
- Current transmission and sub-transmission systems do not have capacity to serve projected load in Laveen



City of Phoenix South Mountain Freeway Plans

Important transportation corridor that provides an easily accessible route to the east and west valley.

- City of Phoenix General Plan characterizes the area in Laveen Village near South Mountain Freeway as a Primary Core, which is defined as an area that can “**support a large concentration of employment and housing opportunities.**”
- Areas west of the South Mountain Freeway are desirable locations for major development including:
 - Industrial
 - Technology
 - Warehouses
 - Office spaces
- Potential for high-wage jobs in technology, bioscience and light manufacturing, finance and other office and industrial type employment



Proposed Project

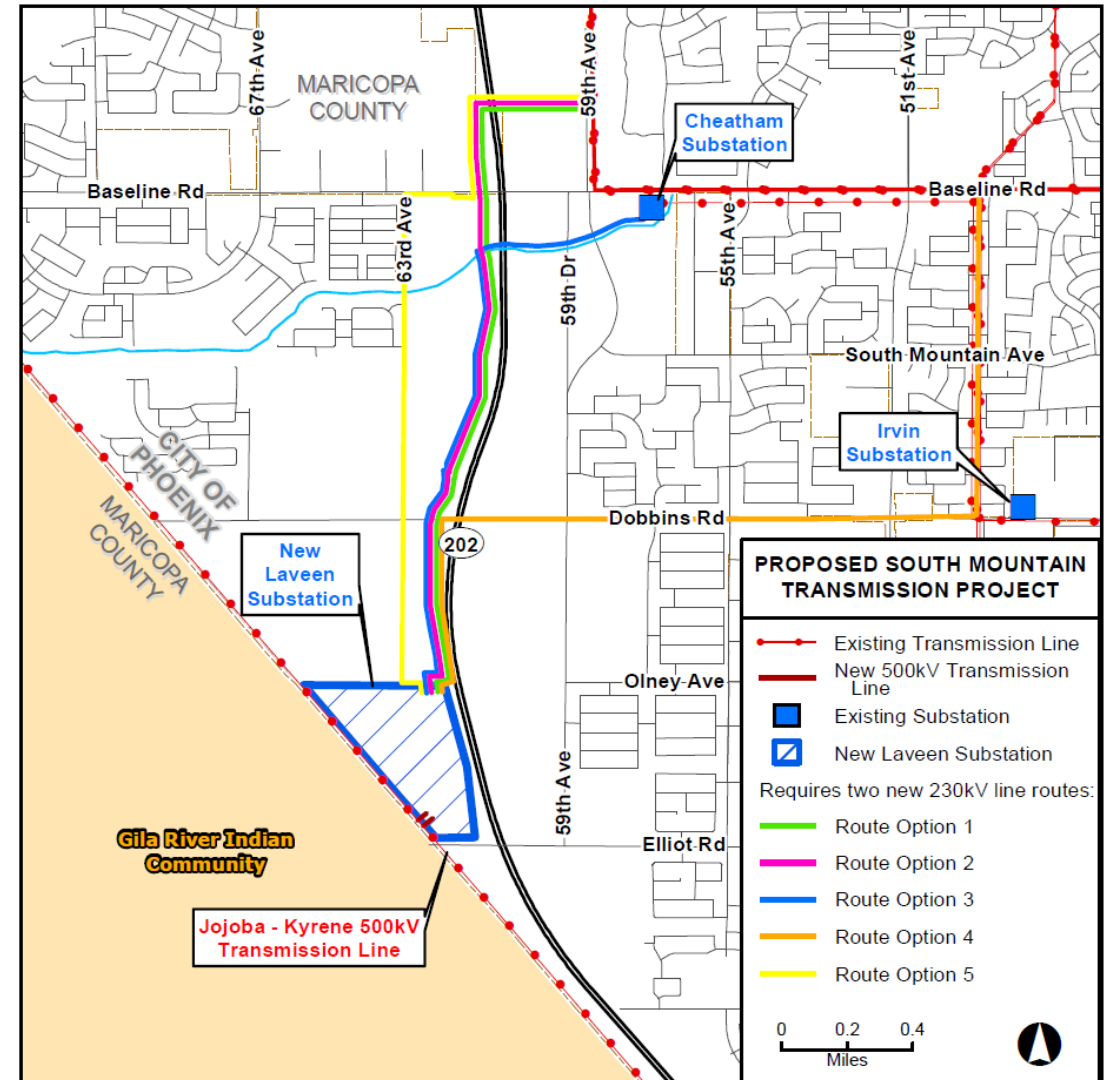
Project Description

SRP needs to construct

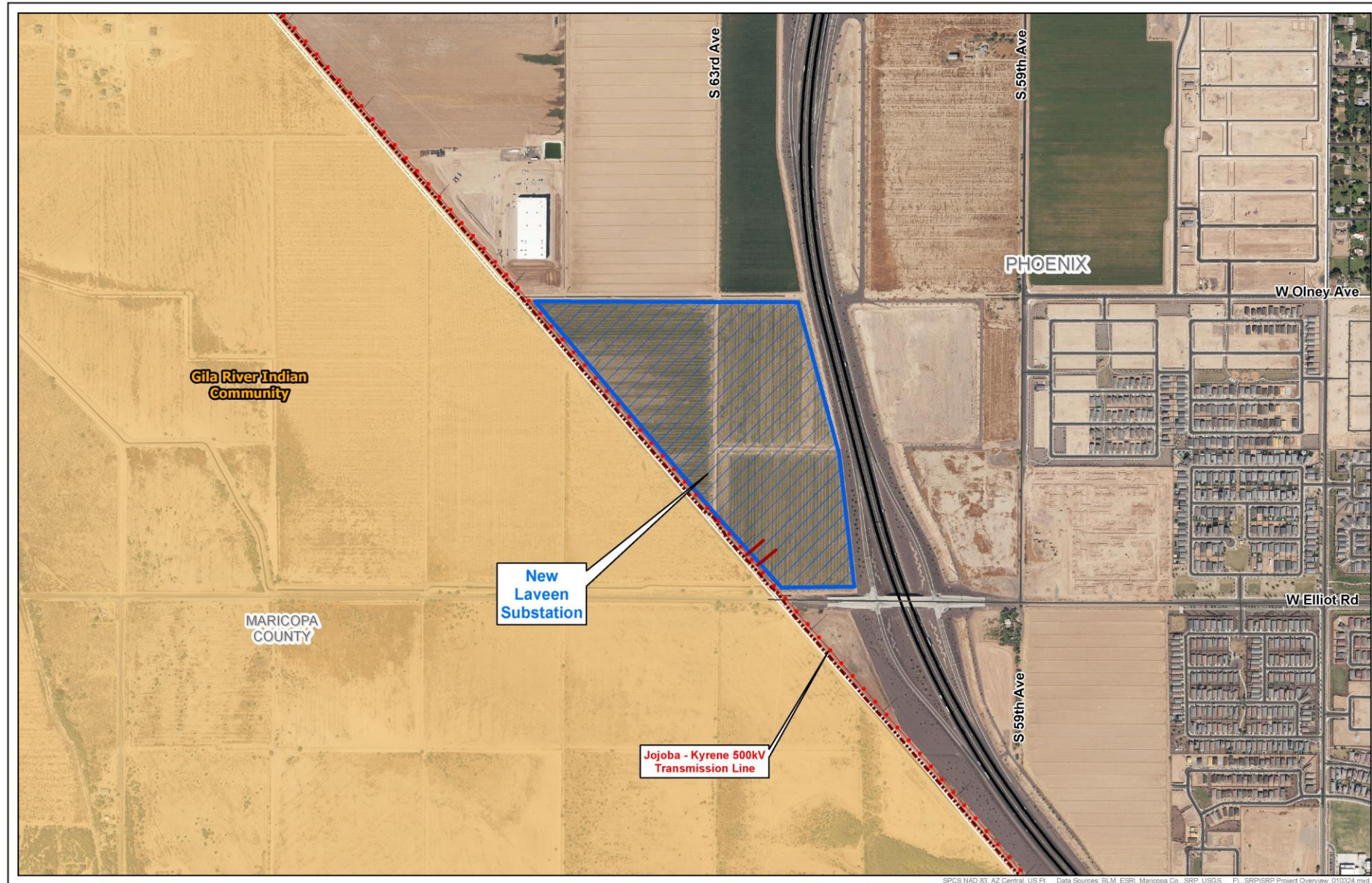
- New 500/230/69 kV substation
- Two separate sets of approximately 4 - 5 miles of new overhead double-circuit 230 kV transmission lines
- 0.5 mile of two sets of single circuit overhead 500 kV transmission lines

SRP is preparing for a Certificate of Environmental Compatibility (CEC) Application with the Arizona Corporation Commission (ACC)

- Two separate sets of overhead 230 kV transmission lines



New Laveen 500/230/69 kV Substation



Substation Example



Potential Structure Types

**230 kV poles examples
with 69 kV underbuild**

Typical height 120-160 feet tall

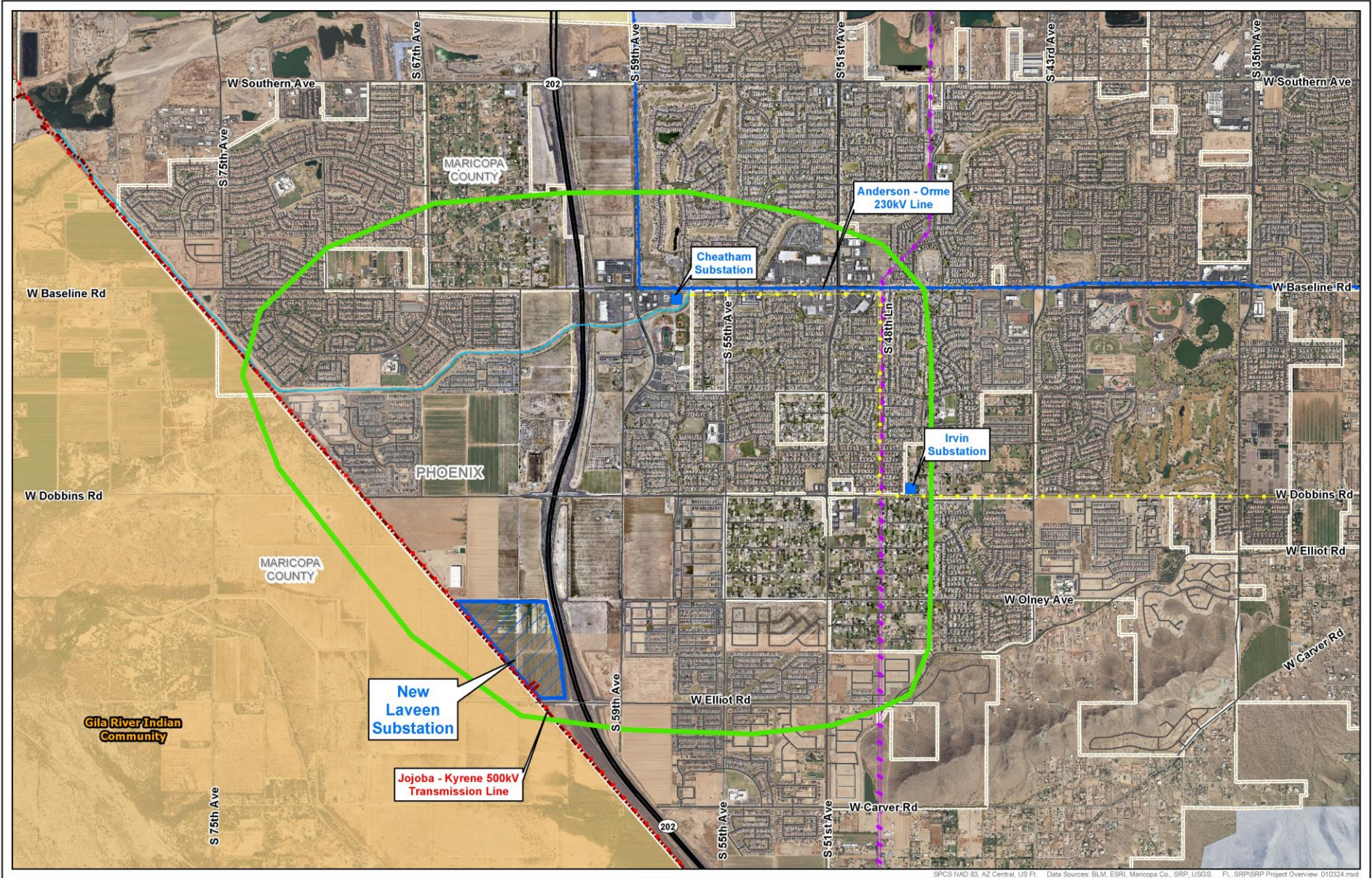
***Will require a CEC from ACC**



Existing 500kV Line Near Future Substation Site



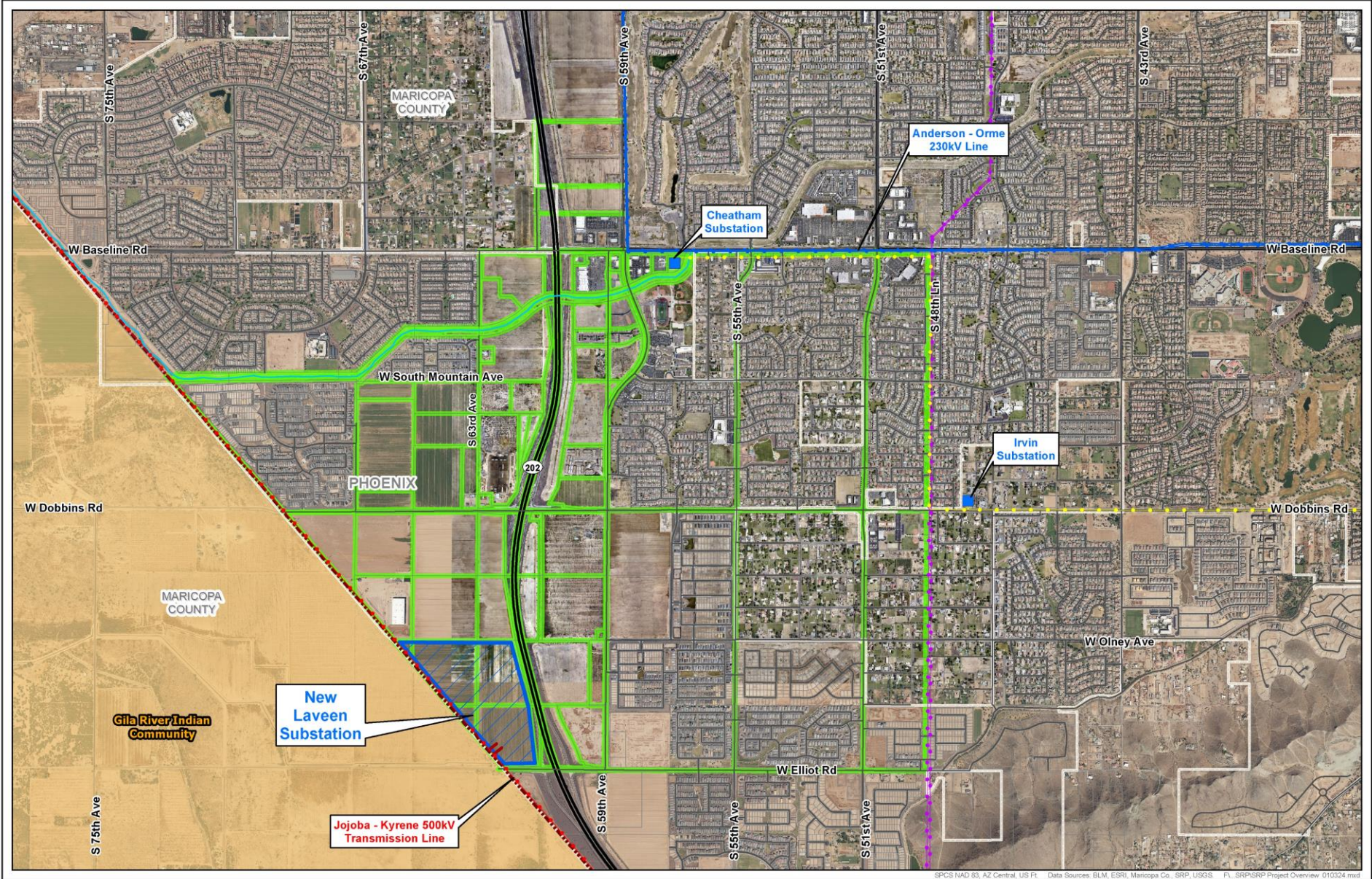
Project Study Area



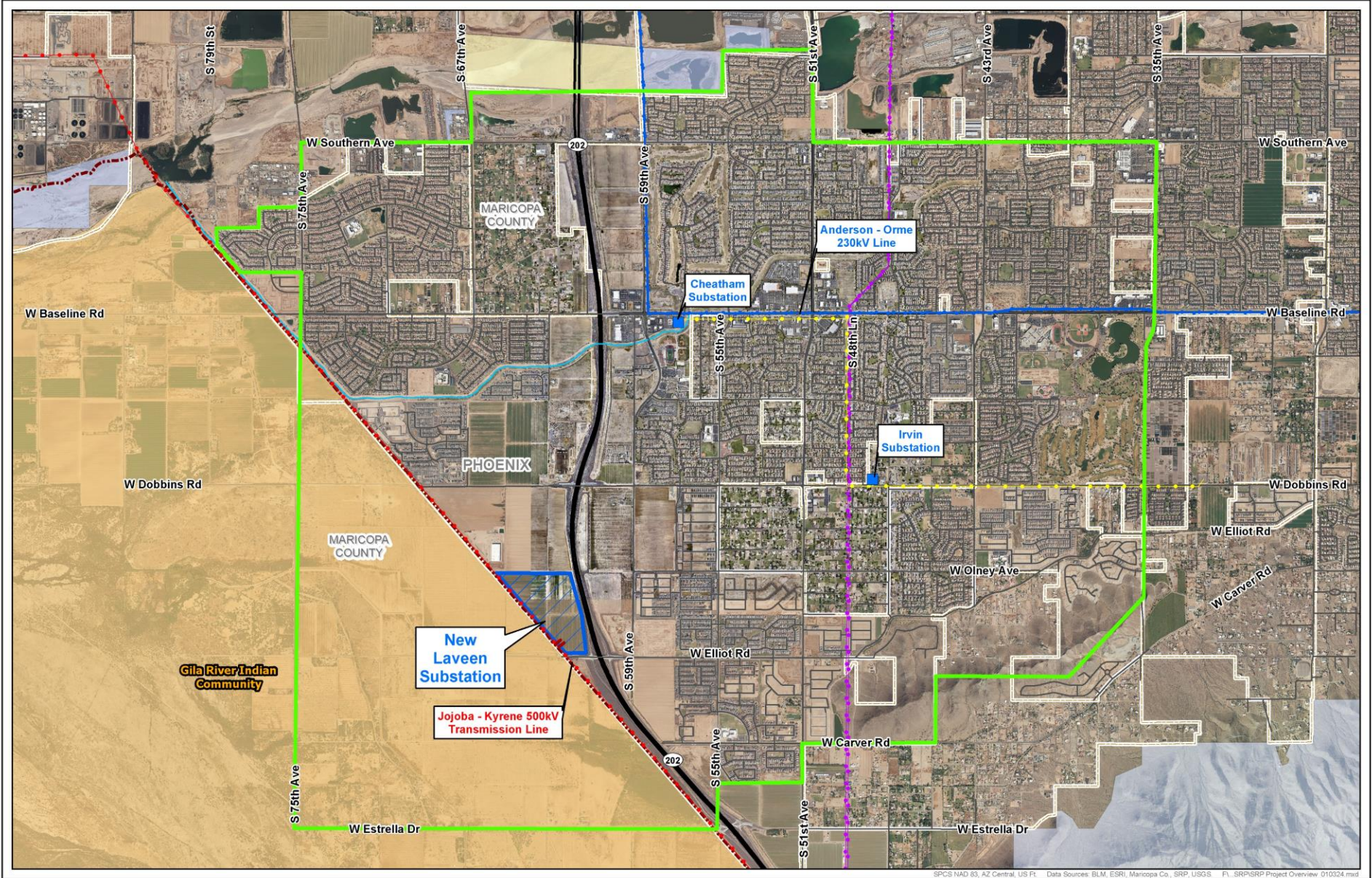
Existing 230kV Line @ Baseline Rd.



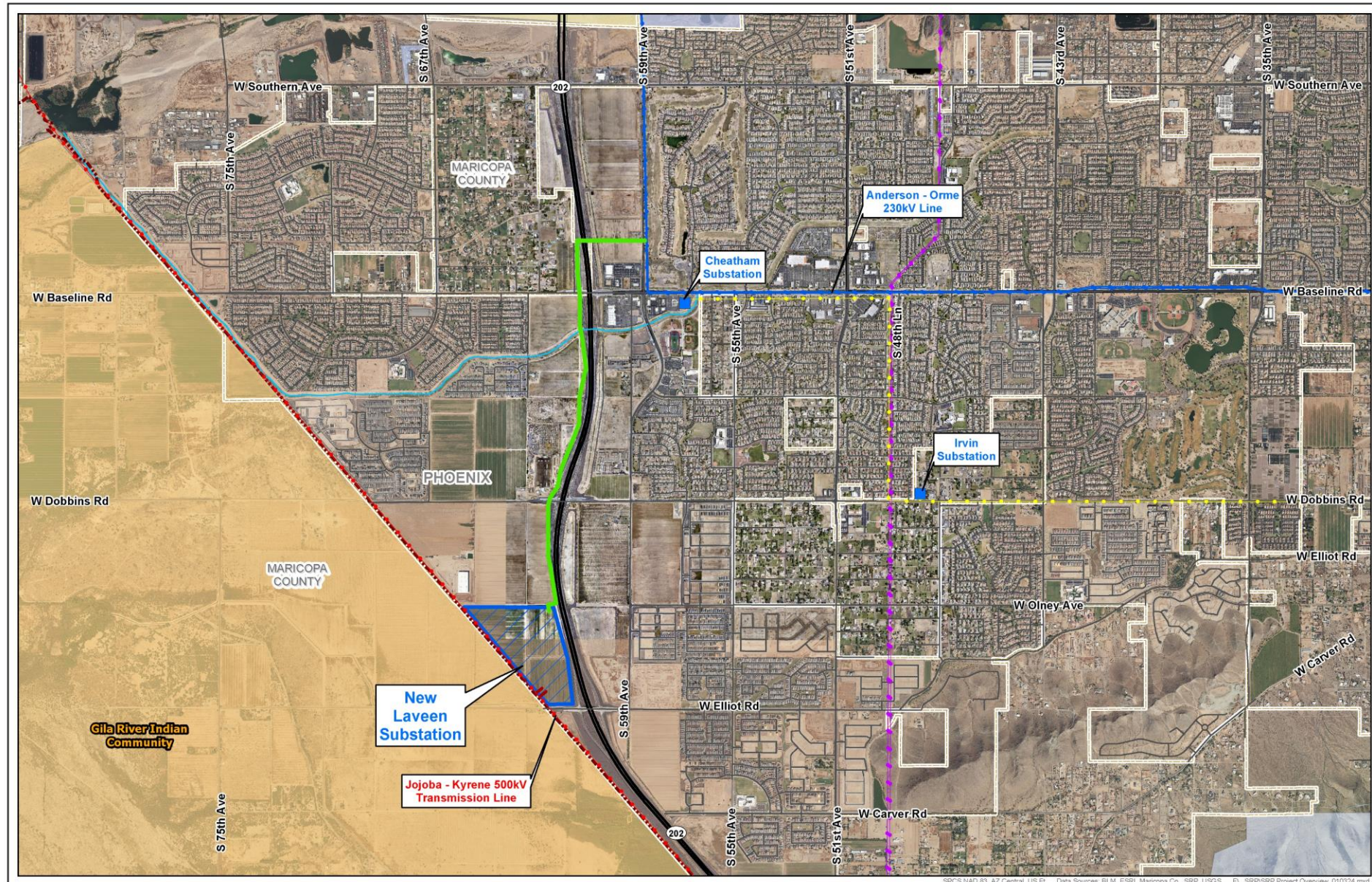
Routing Opportunities



Project Notification Area

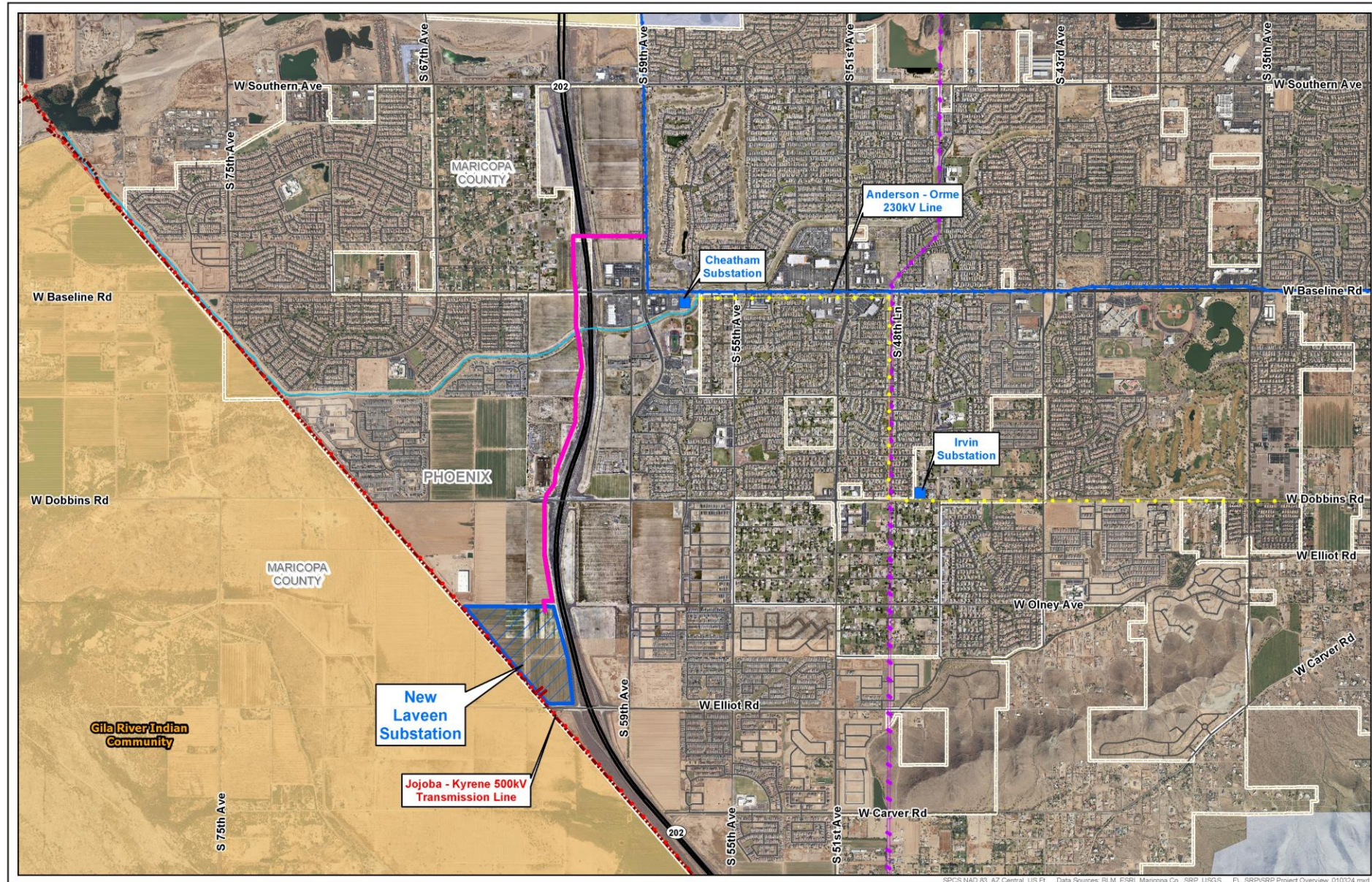


Route Option 1 (Project Requires Two Route Options)



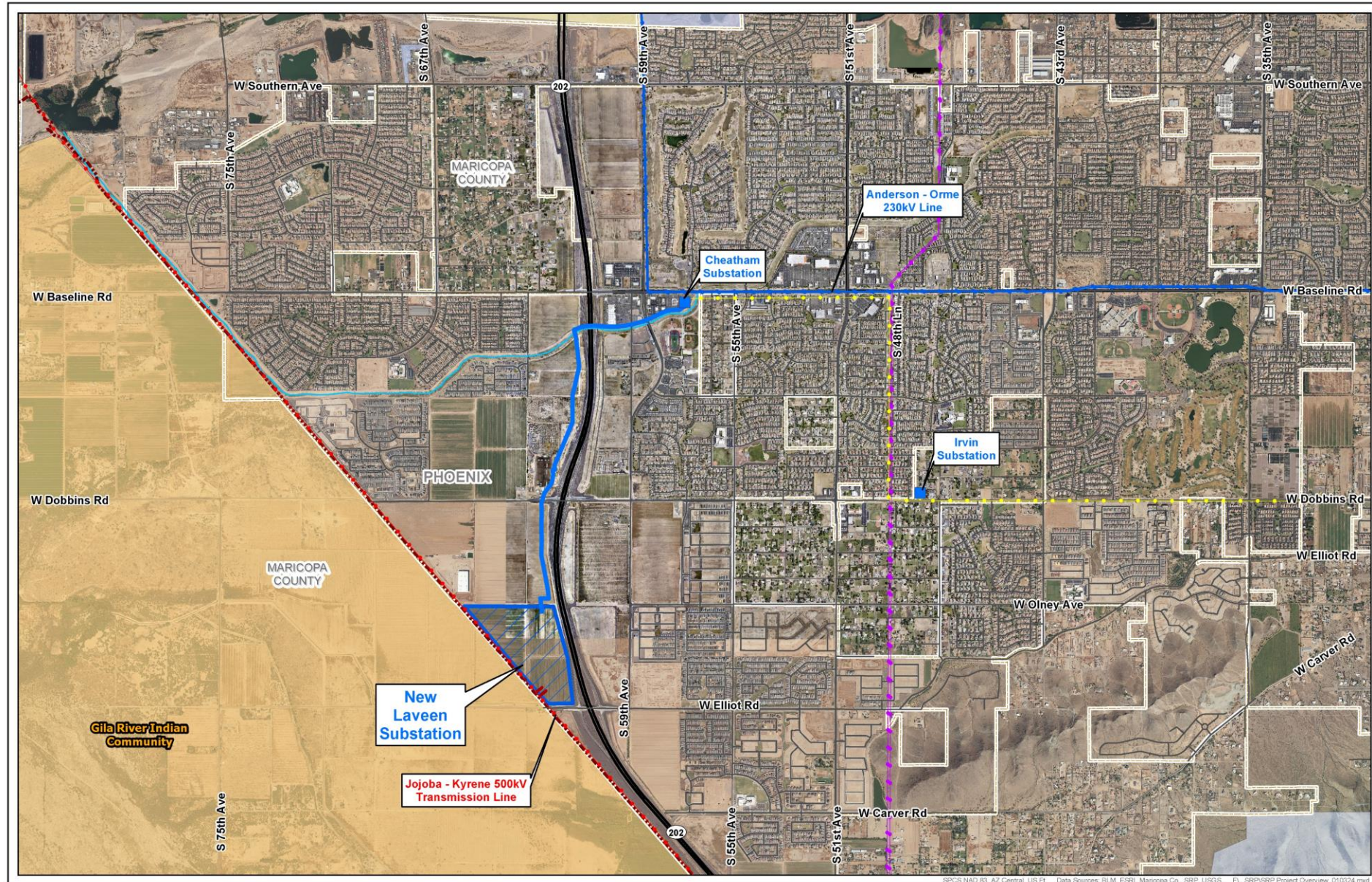
Routes subject to change

Route Option 2 (Project Requires Two Route Options)



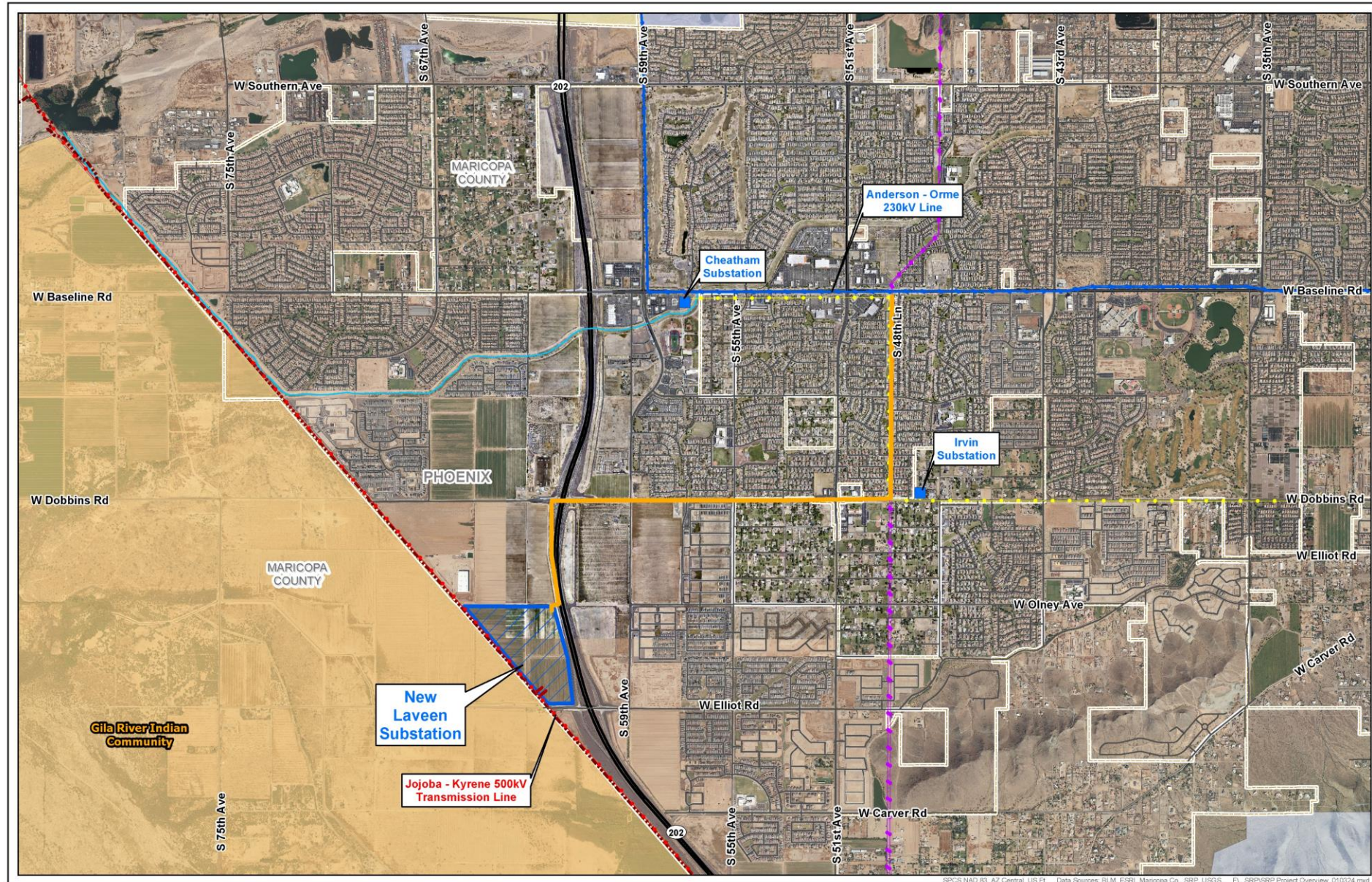
Routes subject to change

Route Option 3 (Project Requires Two Route Options)



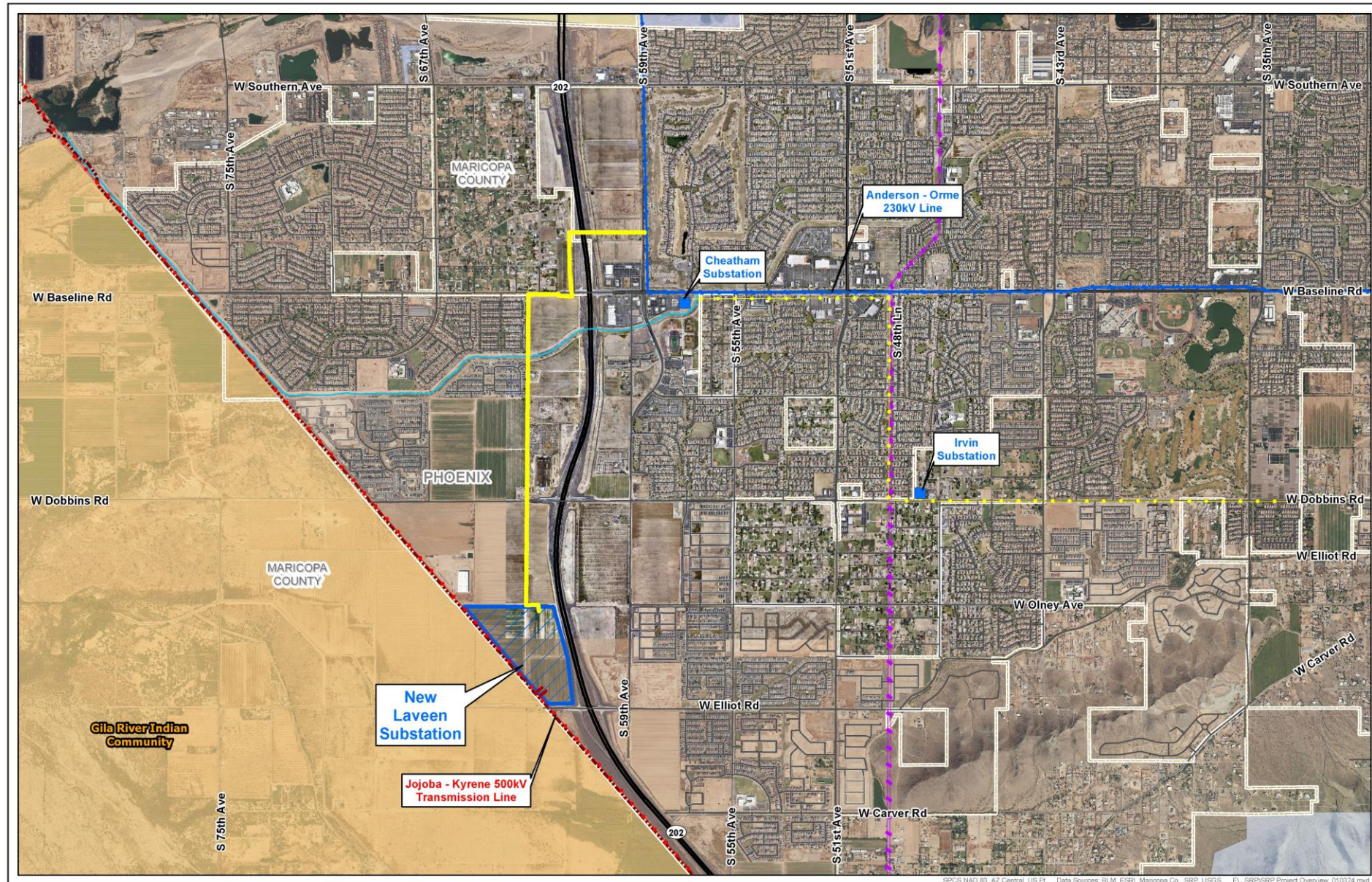
Routes subject to change

Route Option 4 (Project Requires Two Route Options)



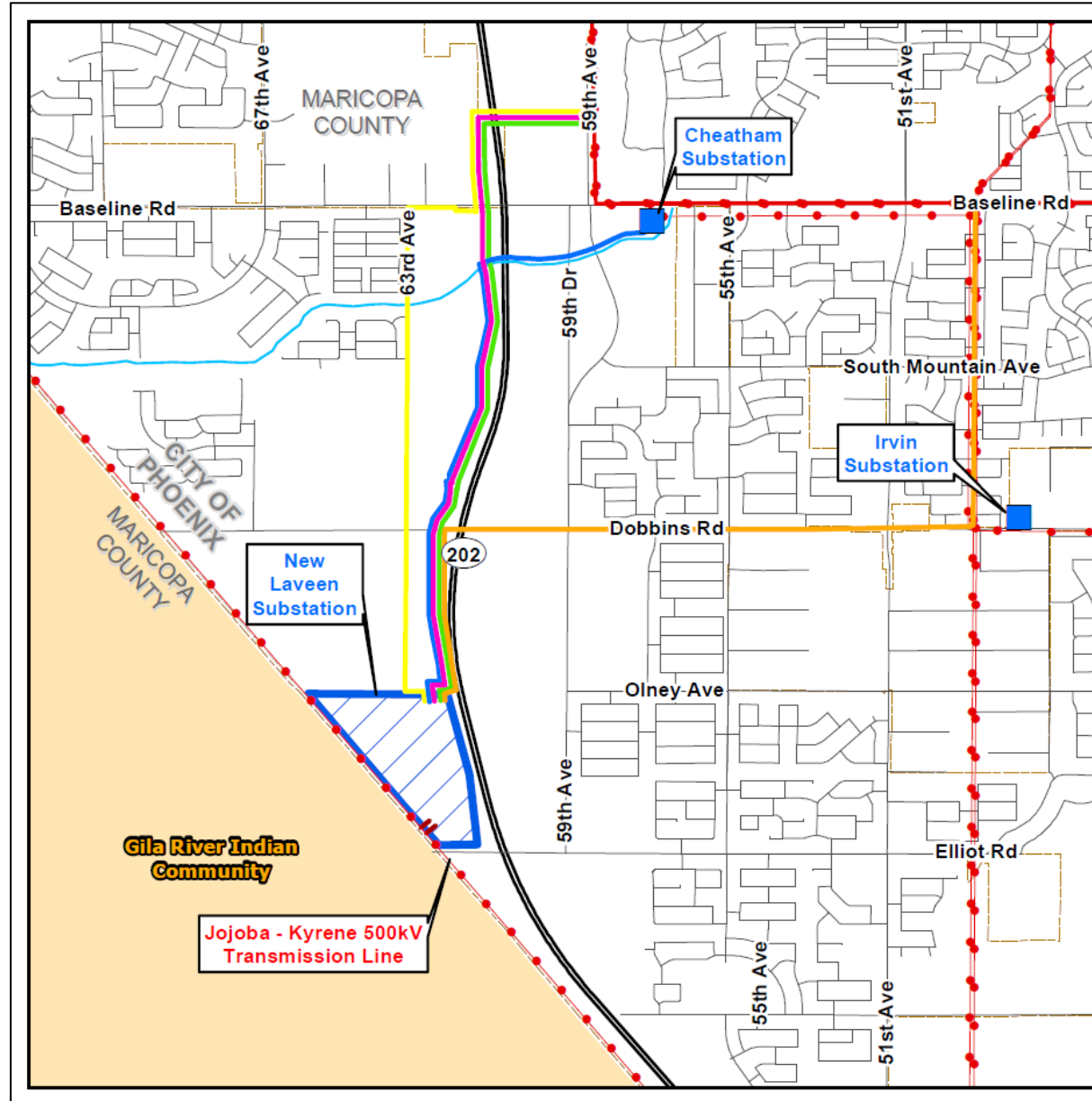
Routes subject to change

Route Option 5 (Project Requires Two Route Options)



Routes subject to change

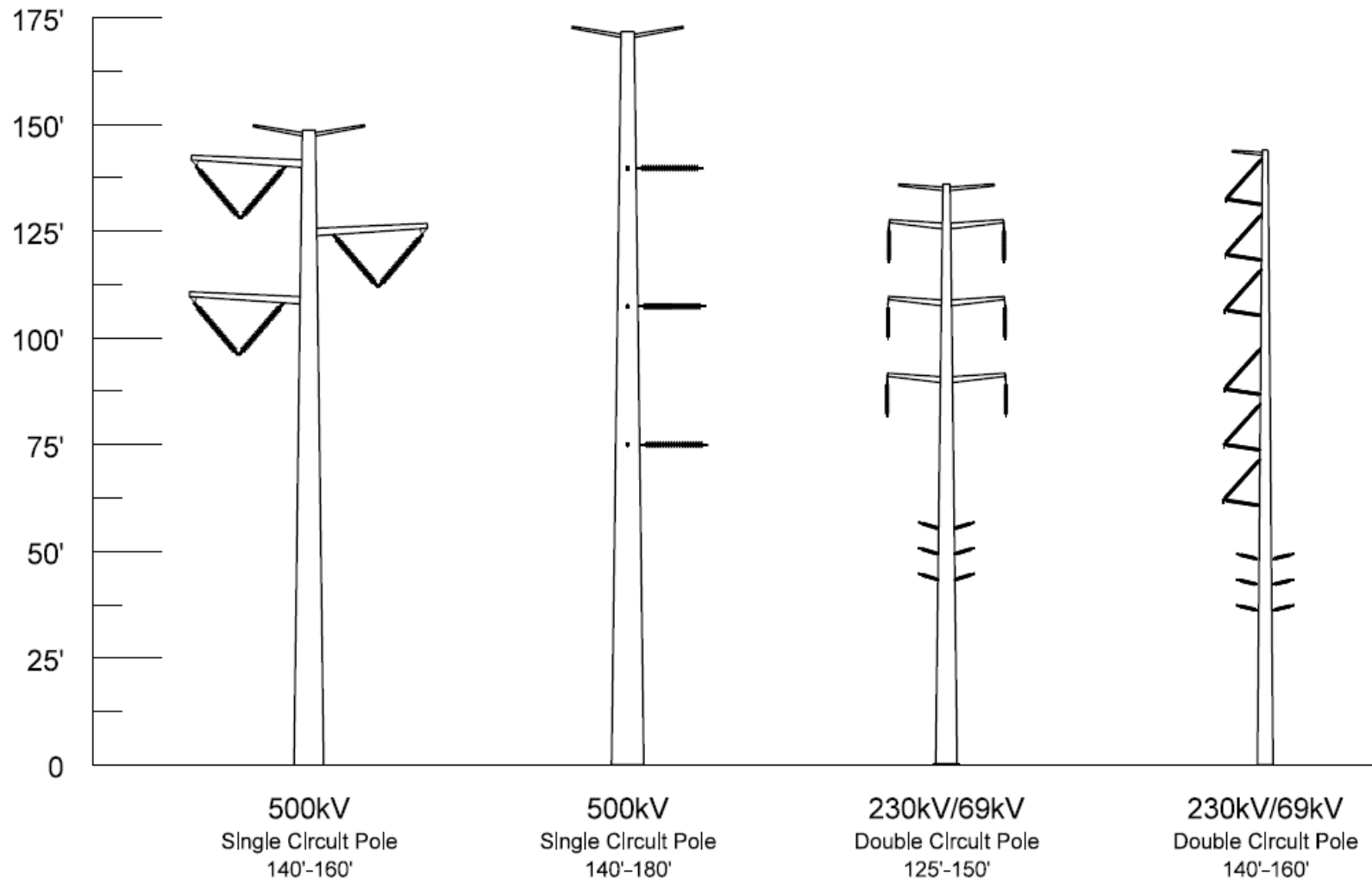
Route Options (Project Requires Two Route Options)



Routes subject to change

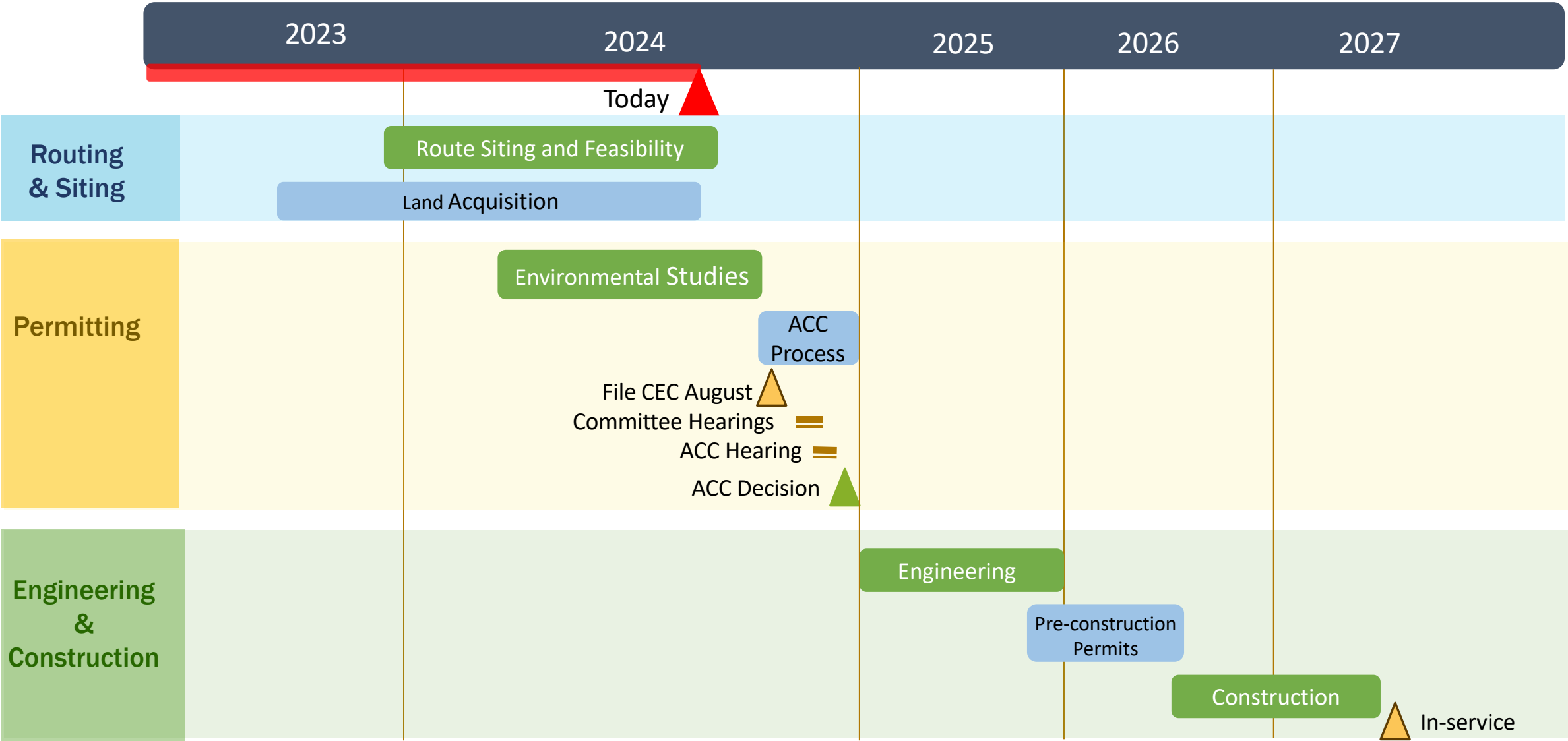
Engineering and Construction

Typical Structure Types



Represents SRP's typical structures. Actual structure types for this project have not yet been determined and may vary depending on location.

Development Timeline



Siting, Environmental and Regulatory Process

Statutory Requirements: Environmental

Air Quality

Biological Resources

Cultural and Historical Resources

Geology and Soils

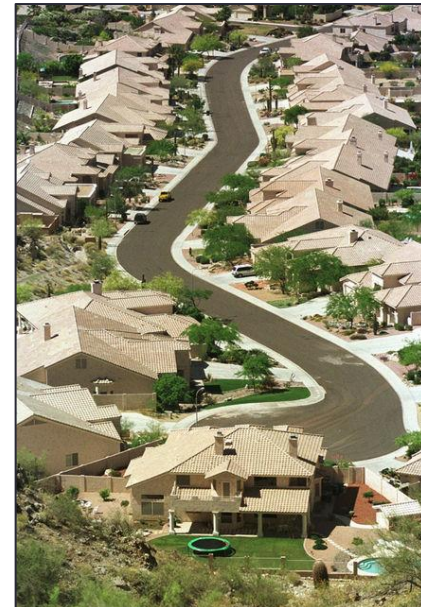
Hydrology

Land Use

Noise

Recreation

Visual and Aesthetics



Arizona Corporation Commission Siting Process



File Certificate of
Environmental
Compatibility (CEC)

Anticipated filing
August 2024



Siting Committee
Public Hearings (30-
60 days after filing
CEC)

Anticipated Fall 2024

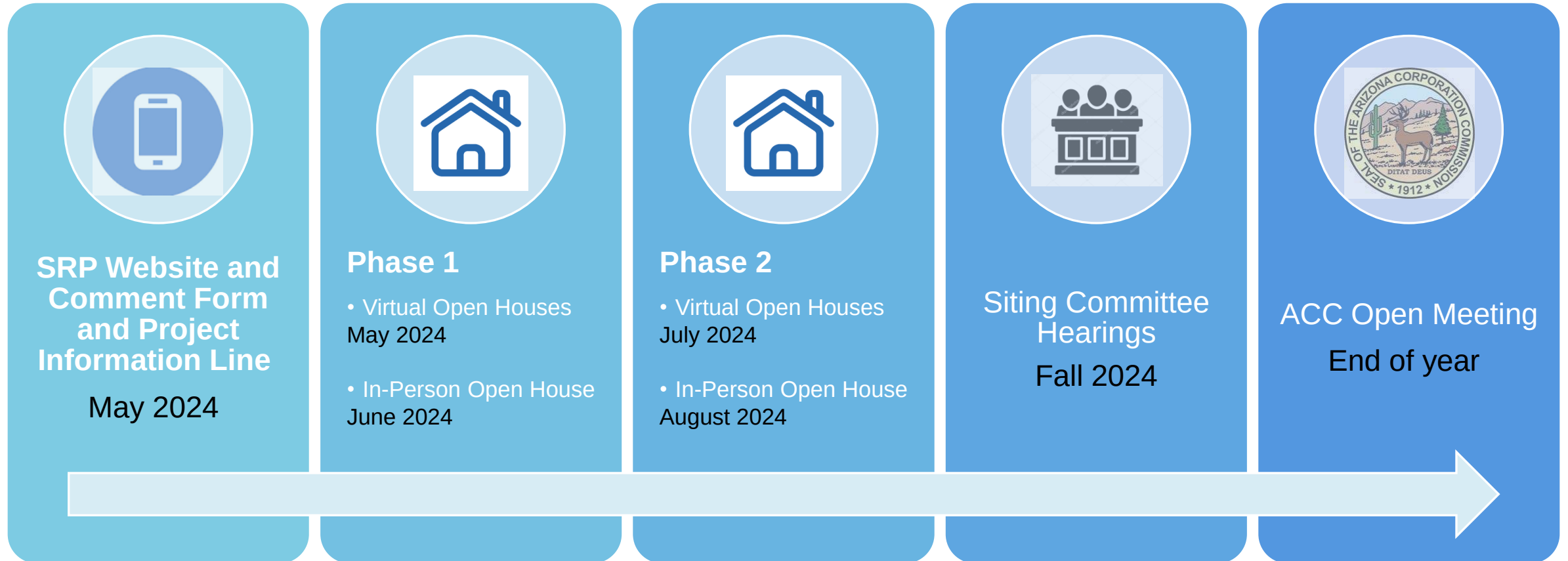


ACC Public Hearings
(minimum 30 days
after Siting
Committee Decision)

By the end of the year



Opportunities for Public Input



www.srp.net/SMT
1-855-584-1484

Phase 1 Open Houses

Virtual Open House

May 30, 2024

12:00 pm & 5:30 pm

In-Person Open House

June 6, 2024

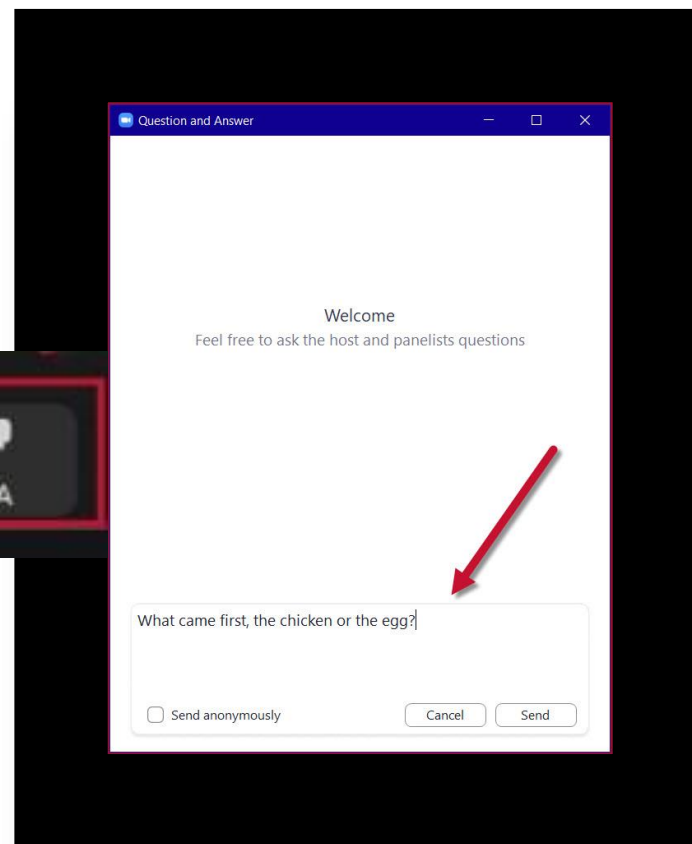
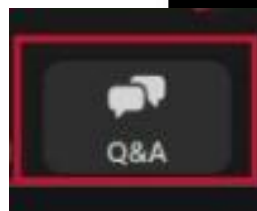
4:30-6:30 pm

(Betty H. Fairfax High School-cafeteria)

Questions

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thank you!