South Mountain Transmission Project







Application for a Certificate of Environmental Compatibility

Prepared for:

Arizona Power Plant and Transmission Line Siting Committee

Prepared by:

Salt River Project

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September 2024

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LIST OF ACRONYMS AND ABBREVIATIONS

ACC	Arizona Corporation Commission
ADA	Arizona Department of Agriculture
ADOT	Arizona Department of Transportation
AGFD	Arizona Game and Fish Department
APE	Area of Potential Effects
AM	Amplitude Modulation
ANPL	Arizona Native Plant Law
APLIC	Avian Power Line Interaction Committee
ARS	Arizona Revised Statute
ASLD	Arizona State Land Department
AWCS	Arizona Wildlife Conservation Strategy
BCC	Bird of Conservation Concern
BCR	Bird Conservation Region
BGEPA	Bald and Golden Eagle Protection Act
BLM	Bureau of Land Management
BMP	Best Management Practices
CAO	City of Phoenix Archaeologist Office
CCA	Candidate Conservation Agreement
CCAA	Candidate Conservation Agreement with Assurances
CEC	Certificate of Environmental Compatibility
CHPO	City Historic Preservation Office
dB	Decibel
dBA	A-weighted decibels
DNL	Day/Night Average Noise Level
EPA	Environmental Protection Agency
ESA	Endangered Species Act
FHWA	Federal Highway Administration
FM	Frequency Modulation
GRIC	Gila River Indian Community
HDMS	Heritage Data Management System
IBA	Important Bird Area
IPaC	Information for Planning and Consultation
KOP	Key Observation Points
KPE	KP Environmental, Inc.
kV	Kilovolt
LACC	Laveen Area Conveyance Channel
Loop 202	South Mountain Loop 202 Freeway
MAG	Maricopa Association of Governments
MBTA	Migratory Bird Treaty Act
MCDOT	Maricopa County Department of Transportation
MPH	Miles Per Hour
NEPA	National Environmental Policy Act
NRHP	National Register of Historic Places
PAD	Planned Area Development
PHX	Phoenix
Project	South Mountain Transmission Project
PSA	Project Study Area
PSTD	Phoenix Street Transportation Department

ROW	Right-of-way
SHPO	Arizona State Historic Preservation Office
SGCN	Species of Greatest Conservation Need
SMT	South Mountain Transmission
SRP	Salt River Project Agricultural Improvement and Power District
SWAP	State Wildlife Action Plan
USFWS	United States Fish and Wildlife Service
WSC	Wildlife of Special Concern

INTRODUCTION

Salt River Project Agricultural Improvement and Power District (SRP), under Arizona Revised Statute (A.R.S) §§ 40-360 *et seq*., submits this application (Application) for a Certificate of Environmental Compatibility (CEC) for the proposed South Mountain Transmission Project (SMT Project or Project). The Project includes two new 230-kilovolt (kV) double-circuit transmission lines that will range from approximately two to three miles in length depending on the selected routes.

This Application requests approval for construction of the SMT Project to provide the necessary energy and reliability to serve expected load growth in Laveen Village and to strengthen system reliability for the overall SRP transmission system.

As required by Arizona Administrative Code R14-3-219, this Application is structured as follows:

- Exhibit A – Project Location and Land Use
- Exhibit B – Environmental Studies
- Exhibit C – Areas of Biological Wealth
- Exhibit D – Biological Resources
- Exhibit E – Scenic Areas, Historic Sites and Structures, Archaeological Sites
- Exhibit F – Recreational Purposes and Aspects
- Exhibit G – Concepts of Typical Facilities
- Exhibit H – Existing Plans
- Exhibit I – Noise Emissions and Communication Interference
- Exhibit J – Special Factors

A list of acronyms is provided following the Table of Contents.

Purpose and Need

The South Mountain Loop 202 Freeway (Loop 202) is an important transportation corridor, and its surrounding area is experiencing significant growth. Since the opening of Loop 202, more than 800 acres have been planned and rezoned for economic development within the area identified by the City of Phoenix as the South Mountain Technology Corridor. The PlanPHX 2025 General Plan (City of Phoenix General Plan) characterizes the area in Laveen Village near Loop 202 as a Primary Core, which can "support a large concentration of employment and housing opportunities" (City of Phoenix, 2024). Through recent land use and zoning permits and plans, the City of Phoenix has approved proposals in Laveen Village to develop industrial and tech parks to accommodate warehouse and office uses. Such uses will attract high-wage jobs in technology, bioscience, light manufacturing, finance and other office and industrial uses to the area.

Mixed use commercial and residential and institutional uses are also proposed. In addition, based on discussions with the City of Phoenix, this area currently leads the City of Phoenix in new housing permit activity.

Planned and future growth and development along Loop 202 in and around the Laveen Village in Phoenix, Arizona requires new transmission facilities to ensure sufficient power and reliable electric service to the area. The existing electrical load near Loop 202 is served from the 69 kV transmission system out of the 69/12 kV SRP Cheatham Substation located on the southwest corner of Baseline Road and 57th Avenue, with support from the 69/12 kV SRP Irvin Substation located on the northeast corner of Dobbins Road and 47th Drive. The existing 69 kV transmission system does not have sufficient capacity to serve anticipated load growth in this area. As a result, SRP needs to construct additional transmission facilities to support the future growth within Laveen Village.

SRP performed a Load Impact Study to develop a transmission plan for the Laveen area. To serve projected power needs in the Laveen area, SRP needs to construct new 230 kV and 500 kV transmission lines to connect a new 500/230/69 kV substation (New Substation) to the existing SRP transmission system. The New Substation and 500 kV transmission lines, which will connect to an existing 500 kV transmission line, are non-jurisdictional and therefore are not a part of this Application. The two new double-circuit 230 kV transmission lines will extend and interconnect the existing double-circuit Anderson – Orme 230 kV transmission line to the New Substation, to be located west of Loop 202 and between Olney Avenue and Elliot Road.

In addition to meeting the expected load growth in the Laveen area, the SMT Project will strengthen the existing SRP electrical system by increasing the transmission system voltage support and increasing resiliency in the area. SRP expects the SMT Project to provide an additional 1200 MW of load serving capability. Further, upon completion of the SMT Project, SRP can delay upgrades at existing high voltage substations in the area. Accordingly, the SMT Project reduces short circuit issues on the SRP transmission system, voltage issues due to long 69 kV lines, and thermal overload issues under outage conditions.

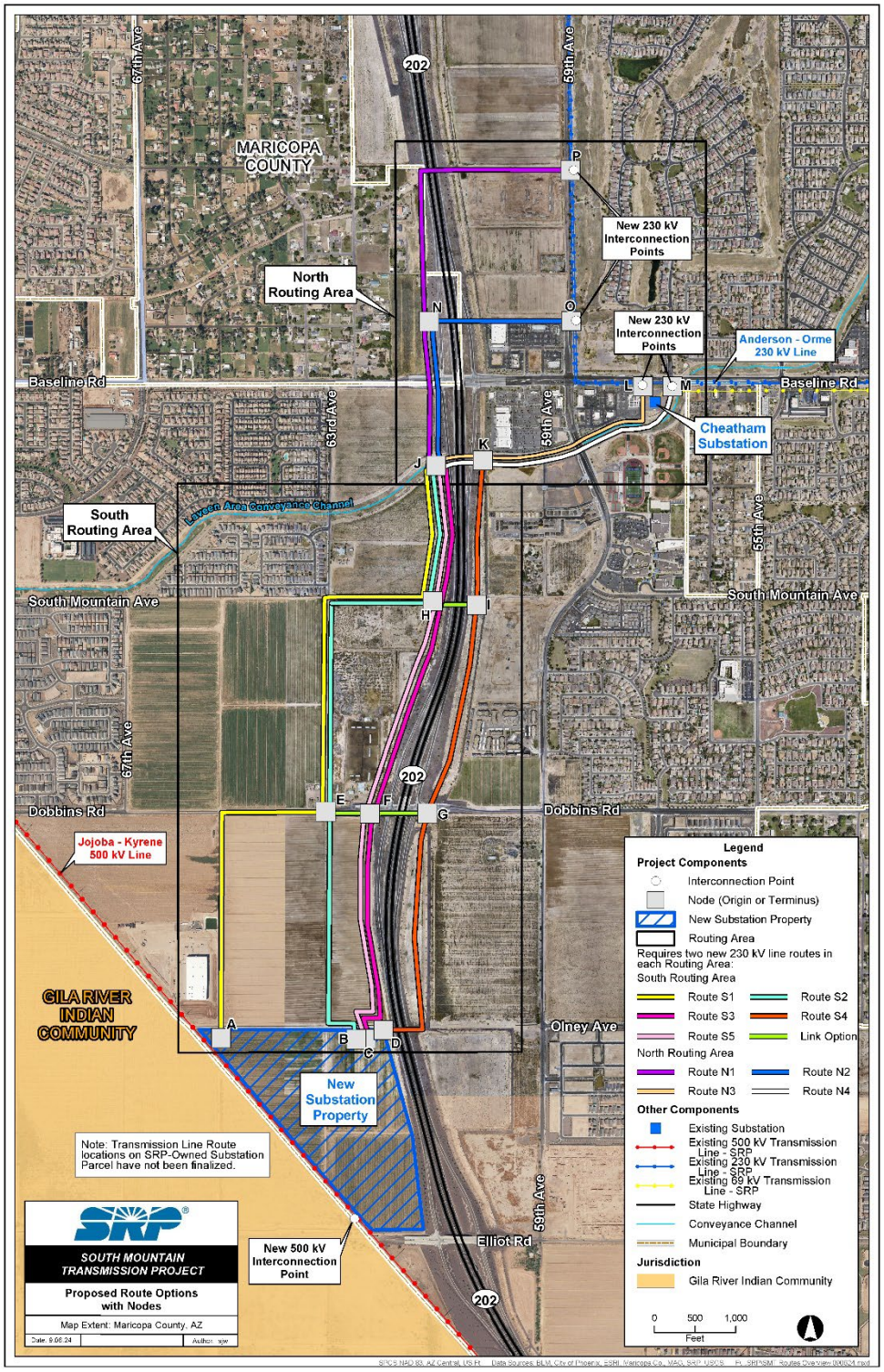
In sum, the SMT Project is needed to support growth and development along Loop 202 and in the Laveen area and to strengthen SRP's overall transmission system reliability.

Proposed Route Options

Pursuant to A.R.S. § 40-360, SRP is requesting a CEC for two new double-circuit 230 kV transmission lines that will extend and interconnect the existing double-circuit Anderson – Orme 230 kV transmission line to the New Substation. **Figure 1** below shows the details of the proposed SMT Project route options.[1]

[1] In addition to the new 230 kV transmission lines covered by this Application, the SMT Project will include new non-jurisdictional components including the New Substation that will be constructed at the southern end of the Project and two new short 500 kV transmission line segments that will be constructed.

Figure 1


MARICOPA COUNTY
GILA RIVER INDIAN COMMUNITY
202
67th Ave
59th Ave
63rd Ave
55th Ave
Baseline Rd
South Mountain Ave
Dobbins Rd
Olney Ave
Elliot Rd
North Routing Area
South Routing Area
New 230 kV Interconnection Points
New 230 kV Interconnection Points
Anderson - Orme 230 kV Line
Cheatham Substation
Lateral Area Conveyance Channel
Jojoba - Kyrene 500 kV Line
New Substation Property
New 500 kV Interconnection Point
Note: Transmission Line Route locations on SRP-Owned Substation Parcel have not been finalized.
SOUTH MOUNTAIN TRANSMISSION PROJECT
Proposed Route Options with Nodes
Map Extent: Maricopa County, AZ
Legend
Project Components
Interconnection Point
Node (Origin or Terminus)
New Substation Property
Routing Area
Requires two new 230 kV line routes in each Routing Area:
South Routing Area
Route S1
Route S2
Route S3
Route S4
Route S5
Link Option
North Routing Area
Route N1
Route N2
Route N3
Route N4
Other Components
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 69 kV Transmission Line - SRP
State Highway
Conveyance Channel
Municipal Boundary
Jurisdiction
Gila River Indian Community
0 500 1,000
Feet

Project Description

For each of the two double-circuit 230 kV transmission lines, SRP would require up to a 100-foot right-of-way (ROW). To account for final design and pole placement along linear features, SRP is requesting up to a 350-foot corridor for each proposed transmission line. The proposed transmission line structures could be located on SRP-owned land, Arizona Department of Transportation (ADOT) ROW, City of Phoenix ROW, and ROW on privately owned land within the City of Phoenix and Maricopa County. The point at which the proposed transmission lines would cross Loop 202 could shift along the transmission line routes according to ADOT safety requirements and guidelines.

To develop and describe the route options presented in this Application, SRP created two Routing Areas – a South Routing Area and a North Routing Area. The South Routing Area shows the route options from the New Substation, which is on SRP-owned property, to a point where the routes intersect with the Laveen Area Conveyance Channel (LACC). The North Routing Area shows the route options from the same points on the LACC to proposed interconnection points on the Anderson – Orme 230 kV transmission line.

SRP is proposing route options in both the South Routing Area and North Routing Area. In addition, SRP is proposing Link Options that provide flexibility for multiple route combinations (**Figure 1**). Transmission line locations within the New Substation property have not been finalized.

The following summarizes the location of the route and Link Options shown in the South Routing Area and the North Routing Area.

South Routing Area

Route S1: starts at the northwest corner of the New Substation site, travels north along an irrigation channel to West Dobbins Road, then travels east along West Dobbins Road to South 63rd Avenue and travels north along South 63rd Avenue to West South Mountain Avenue. The route then goes east on West South Mountain Avenue, north on the west side of Loop 202 until intersecting the LACC.

Route S2: starts at the northeast corner of the New Substation site, runs north on South 63rd Avenue, then travels east on West South Mountain Avenue and travels north on the west side of Loop 202 until intersecting the LACC.

Route S3: starts at the northeast corner of the New Substation site and runs north on the west side of Loop 202 until intersecting the LACC.

Route S4: starts at the northeast corner of the New Substation site, immediately going east to cross Loop 202 along West Olney Road, then runs north on the east side of Loop 202 until intersecting the LACC.

Route S5: a second transmission line that starts at the northeast corner of the New Substation site and runs north on the west side of Loop 202 until intersecting the LACC.

Link Options

To provide flexibility for multiple route combinations, Link Options are included in this Application. Link Options denote where a route segment can connect to a different route segment. Link Options allow different combinations of route segments to form a new route option. For ease of description, Nodes are also included in this Application to delineate the path a route option will follow. **Figure 1** shows the Nodes along with the route options and Link Options.

Specifically, the Link Option on West Dobbins Road (Segments E-F-G) would allow Route S1 and Route S2 to connect and form different routes with Route S3, Route S4, or Route S5. There is also a Link Option that runs along West South Mountain Avenue (Segment H-I) and connects Route S1, Route S2 and Route S3 to Route S4 or Route S5.

North Routing Area

Route N1: runs north on the west side of Loop 202, past West Baseline Road, then turns east on West Vineyard Road to connect to the Anderson – Orme 230 kV transmission line.

Route N2: runs north on the west side of Loop 202, past West Baseline Road, then turns east just north of the Laveen Spectrum shopping center, to connect to the Anderson – Orme 230 kV transmission line.

Route N3: travels east on the LACC, then travels north on the western side of Cheatham Substation to connect to the Anderson – Orme 230 kV transmission line.

Route N4: travels east on the LACC, then travels north on the eastern side of Cheatham Substation to connect to the Anderson – Orme 230 kV transmission line.

Summary of Public Process and Routing Study

SRP has conducted a public process comprised of numerous outreach activities to gain input and feedback concerning the Project as described in detail in **Exhibit J** of this Application. The outreach process informed the public, public officials, jurisdictional agencies, customers, and stakeholders of the Project. The process included briefings and meetings, live online open houses, in-person open houses, postcard mailings, phone calls, and emails. In addition, social media was used to inform the public and stakeholders. A toll-free information phone line and a Project website were implemented to allow the public to obtain information about the Project and provide comments on proposed routes.

The SMT Project public process consisted of two phases. In each phase, SRP employed various methods of outreach to inform the public of the Project and solicit feedback on the route options. This process ultimately informed SRP's decision to provide route options in each Routing Area along with Link Options. This provides maximum flexibility in creating routes.

Throughout the public process, SRP identified, analyzed, modified, and removed or added route options based on feedback from stakeholders, the public and agencies. The development of routes included in this Application through the public process is summarized in **Exhibit J**.

Preferred Routes

The routes identified throughout the public process were further analyzed to select preferred routes for this Application. During the public and siting process, routing criteria was discussed and agencies, stakeholders and the public weighed in on opportunities for siting transmission lines and also constraints associated with the line routes. This input was used to help develop criteria to determine the preferred routes.

The criteria established for this Project Study Area (PSA) are listed below. As described throughout this Application, the Project area is quickly transitioning and developing to accommodate the proposed South Mountain Tech Corridor and associated development. Property ownership and plans are changing rapidly, and all land has some type of recent development in construction, rezoning, is a Planned Area Development or under permit/site plan review.

- Minimize impacts to natural, cultural and social resources
- Minimize impacts to existing residences, schools, and other routing constraints
- Minimize impacts to future or planned residences, schools, and other routing constraints
- Maximize use of existing linear features (routing opportunities) like Loop 202, roadways and manmade water features.
- Minimize impacts to individual parcels/properties by minimizing number of routes on one property (Project requires two 230 kV transmission lines)
- To serve South Mountain Tech Corridor's future load, route as close to future large load land use and parcels
- Minimize overall length
- Minimize impacts to Planned Developments

Exhibit J-6 includes tables that analyze the proposed routes against the above listed criteria in the South Routing Area and the North Routing Area. Ultimately, based on stakeholder and public input along with the routing criteria and analysis, routes depicted in **Figure 2** were selected as Preferred Routes.

South Routing Area

Preferred Routes:
S2
S3 to Segment H-I-K

Alternative Routes:
S1
S5

North Routing Area

Preferred Routes:
N2
N3

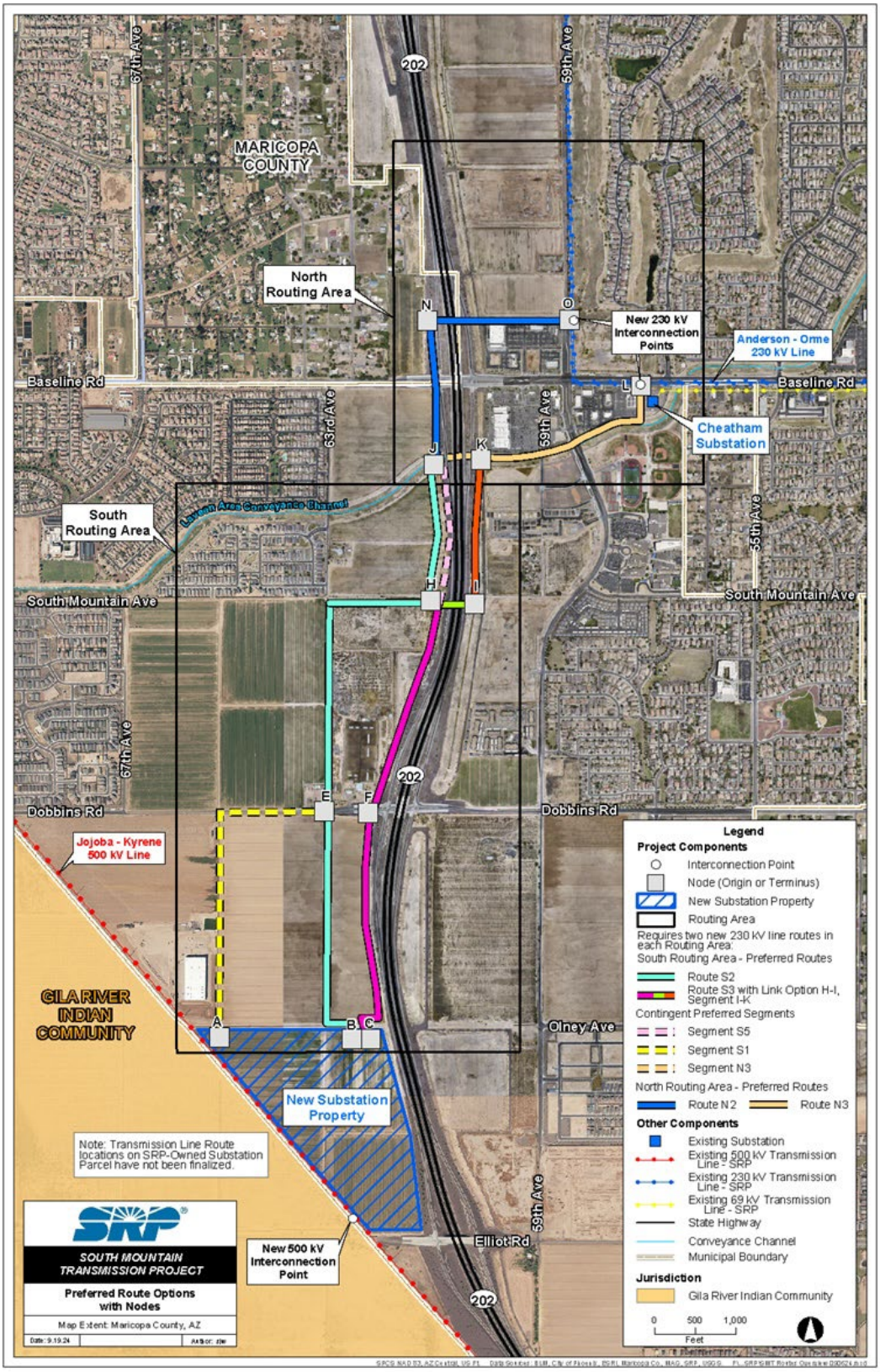
Alternative Routes:
N1
N4

Contingent Preferred Segments:
S5 Segment H-J-K
The Applicant is currently working with ADOT to study the feasibility of a route or route segments on the east side of Loop 202. If ultimately the studies deem the east side of Loop 202 incompatible with transmission infrastructure, then Route S4 and Segments H-I-K would not be feasible. Therefore, the Applicant is requesting Contingent Preferred Segment Route S5 Segment H-J-K displayed on **Figure 2** be approved.

S1 Segment A-E
Through stakeholder outreach, the Applicant heard that the Project could better support future planned development if it is close to parcels south of West Dobbins Road and west of South 63rd Avenue **(See Ex J-6).** Therefore, the Applicant is requesting Contingent Preferred Segment Route S1 Segment A-E displayed on **Figure 2** be approved.

From the time of filing this Application to the time of the Arizona Power Plant and Transmission Line Siting Committee Hearing, SRP will continue to meet with agencies, stakeholders, and the public and based on these discussions, and may include additional details and refined routing preferences in the Arizona Power Plant and Transmission Line Siting Committee Hearing.

Figure 2


MARICOPA COUNTY
North Routing Area
South Routing Area
New 230 kV Interconnection Points
Anderson - Orme 230 kV Line
Cheatham Substation
Baseline Rd
South Mountain Ave
Dobbins Rd
Olney Ave
Elliot Rd
67th Ave
63rd Ave
59th Ave
55th Ave
202
Jojoba - Kyrene 500 kV Line
GILA RIVER INDIAN COMMUNITY
New Substation Property
New 500 kV Interconnection Point
Note: Transmission Line Route locations on SRP-Owned Substation Parcel have not been finalized.
SRP
SOUTH MOUNTAIN TRANSMISSION PROJECT
Preferred Route Options with Nodes
Map Extent: Maricopa County, AZ
Legend
Project Components
Interconnection Point
Node (Origin or Terminus)
New Substation Property
Routing Area
Requires two new 230 kV line routes in each Routing Area:
South Routing Area - Preferred Routes
Route S2
Route S3 with Link Option H-I, Segment I-K
Contingent Preferred Segments
Segment S5
Segment S1
Segment N3
North Routing Area - Preferred Routes
Route N2
Route N3
Other Components
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 69 kV Transmission Line - SRP
State Highway
Conveyance Channel
Municipal Boundary
Jurisdiction
Gila River Indian Community
0 500 1,000
Feet

Summary of Environmental Analysis

In support of this Application, SRP performed various studies that analyzed the impact of the SMT Project under the factors identified in A.R.S. § 40-360.06 (Environmental Factors). The following provides a summary of the conclusions reached regarding the compatibility of the Project under the Environmental Factors:

- No significant or detrimental effects to fish, wildlife, plant life, and associated forms of life upon which they are dependent.
- No significant or detrimental effects associated with noise emission levels and interference with communication signals.
- Neither SRP nor jurisdictional agencies have any plans for future development of recreational facilities associated with the Project.
- Project implementation will be consistent with safety considerations and regulations.
- No significant or detrimental effects to existing scenic areas, historic sites, structures, or archaeological sites at or in the vicinity of the Project.
- No significant or detrimental effects to surface water or groundwater quality and availability.
- The Project is environmentally compatible with the total environment of the area.

Conclusion

As outlined, the SMT Project is needed to support growth and development along Loop 202 and in the Laveen area and to strengthen SRP's overall transmission system reliability. The route options presented in this Application are all environmentally compatible and are proposed in this Application based on feedback from an extensive outreach process and the routing analysis.

Accordingly, SRP requests that the Arizona Corporation Commission grant a CEC for the SMT Project by selecting two routes in the South Routing Area and two routes in the North Routing Area. All route options presented will satisfy the needs for the Project and are environmentally compatible, however, the Preferred Routes, for reasons in the Routing Summary **(Exhibit J-6),** meet Project criteria the best and are requested for approval**.**

References

City of Phoenix. 2024. PlanPHX 2025 General Plan. Accessed 7/3/24. Located at: https://www.phoenix.gov/pddsite/Documents/City%20Council%20Adopted_PlanPHX%202025%20Update%20Final_8.5x11.pdf.

APPLICATION

In accordance with Arizona Revised Statutes (A.R.S.) §§ 40-360.03 and 40-360.06 and Arizona Administrative Code R14-3-219, the Applicant provides the following information:

1. ***Name and address of the Applicant, or in the case of a joint project, the Applicants.***

   Name: Salt River Project Agricultural Improvement and Power District (SRP)
   Address: 1500 North Mill Avenue
   Tempe, AZ 85281-1298

2. ***Name, address and telephone number of a representative of the Applicant who has access to technical knowledge and background information concerning the application in question, and who will be available to answer questions or furnish additional information.***

   Name: Rick Hernandez
   Power Delivery Project Manager
   Address: PO Box 52025, PAB349
   Phoenix, AZ 85072-2025
   Telephone: (602) 236-5458
   Email: Rick.Hernandez@srpnet.com

3. ***State each date on which the Applicant has filed a ten-year plan in compliance with A.R.S. Section 40-360.02 and designate each such filing in which the facilities for which this Application is made were described. If they have not been previously described in a ten-year plan, state the reasons therefore.***

   In accordance with A.R.S. § 40-360.02, SRP has filed Ten-Year Plans annually with the Arizona Corporation Commission (ACC). South Mountain Transmission (SMT) Project (SMT Project or Project) was included in the most recent Ten-Year Plan SRP submitted to the ACC on January 29, 2024.

4. ***Description of the proposed facilities, including:***

   4.1 Description of electric generating plant.

   Not Applicable.

4.2 Description of the proposed transmission lines.

4.2.1 General Description.

4.2.1.1 Nominal voltage for which the lines are designed.

The lines are designed for a nominal voltage of 230 kilovolt (kV) with potential to underbuild 69 kV on the same structure. However, the 69 kV lines are not part of this Application.

4.2.1.2 Description of proposed structures.

Generally, the Project proposes to use single shaft tubular steel structures (poles) configured to support the two double-circuit 230 kV transmission lines.

4.2.1.3 Description of proposed switchyards and substations.

The Applicant will construct a 500/230/69 kV substation (New Substation); however, the New Substation is not part of this Application.

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4.2.1.4 Purpose for constructing proposed transmission lines.

There are three primary reasons SRP is proposing to construct this Project:

1. Increase customer load serving capability to support new development in and around the Laveen area and the South Mountain Tech Corridor in Phoenix, Arizona;
2. Develop a master transmission plan for the Laveen area; and
3. Strengthen the existing SRP electrical system by increasing the transmission system voltage support and resiliency.

<u>Load Serving Capability</u>

The Project will provide new transmission facilities needed to support growth and development along the Loop 202 Freeway (Loop 202) and throughout Laveen.

The PlanPHX 2025 General Plan (City of Phoenix General Plan) characterizes the area in Laveen Village near Loop 202 as a Primary Core, which is an area that can “support

a large concentration of employment and housing opportunities." The City of Phoenix has identified areas west of Loop 202 as desirable locations in Laveen Village for major development including "the development of an industrial and tech park to accommodate warehouse and office uses to attract high-wage jobs in technology, bioscience, light manufacturing, finance and other office and industrial uses." In addition to several retail and commercial developments announced along the east side of Loop 202, the area also currently leads the City of Phoenix in new housing permit activity.

Transmission Planning

SRP performed a Load Impact Study that identified limitations in the capacity of the existing 69 kV transmission system to serve existing customer load and future growth.

The existing electrical load near Loop 202 is served from the 69 kV transmission system out of the 69/12 kV SRP Cheatham Substation located on the southwest corner of Baseline Road and 57th Avenue, with support from the 69/12 kV SRP Irvin Substation located on the northeast corner of Dobbins Road and 47th Drive. While the area has been operating within the existing system capacity, the 69 kV transmission system does not have sufficient capacity to serve anticipated load growth in this area; as a result, SRP needs to site and construct additional transmission facilities to support the future growth within the Laveen area along the Loop 202.

Strengthen the SRP Electrical System

The SMT Project will also strengthen the existing SRP electrical system by increasing transmission system voltage support and system resiliency. Upon completion of the SMT Project, SRP will be able to avoid the need to upgrade the existing 69/12 kV substations in the area. The SMT Project will aid in avoiding short circuit issues on the SRP transmission system, voltage issues due to long 69 kV lines, and thermal overload issues under planned and unplanned outage conditions. As the SRP transmission system continues to grow, the SMT Project will also provide additional 230 kV and 500 kV transmission sources to the area. These new sources will be critical, as

it will allow SRP to serve new large loads while reducing the number of lines needed when compared to meeting the same loads via the 69 kV transmission system.

4.2.2 General Location.

4.2.2.1 Description of the geographic points between which the transmission line will run.

The proposed SMT lines are approximately two to three miles in length from the New Substation to an interconnection point on the existing Anderson – Orme 230 kV transmission line.

4.2.2.2 Straight-line distance between such geographic points.

The existing straight-line distance from the New Substation to the closest interconnection at the existing Anderson – Orme 230 kV transmission line is 1.6 miles.

4.2.2.3 Length of the transmission line for each alternative route.

For ease of description of the route options proposed in this Application, two Routing Areas, a South Routing Area and a North Routing Area were developed. See map of Routing Areas in the **Introduction (Figure 1).**

The South Routing Area comprises route options that will extend from the New Substation that will be constructed on SRP owned property located west of the Loop 202 north to a point where the routes intersect with the Laveen Area Conveyance Channel (LACC). The North Routing Area comprises route options that extend north from the same points on the LACC to proposed interconnection points on the Anderson – Orme 230 kV transmission line.

The total length of the route options presented in the South Routing Area and North Routing Area range from approximately two to three miles in length from the New Substation to an interconnection at the existing Anderson – Orme 230 kV transmission line.

<u>South Routing Area</u>

- Route S1 is approximately 1.8 miles.
- Route S2 is approximately 1.6 miles.

- Route S3 is approximately 1.4 miles.
- Route S4 is approximately 1.3 miles.
- Route S5 is approximately 1.4 miles.
- Link Options: Each Link Option is approximately 0.12 miles.

North Routing Area

- Route N1 is approximately 1 mile.
- Route N2 is approximately 0.65 miles.
- Route N3 is approximately 0.6 miles.
- Route N4 is approximately 0.6 miles.

Routes with Link Options and Contingent Routes

- Preferred Route S3 to Segment H-I-K is approximately 1.5 miles.
- Contingent Preferred Route with Route S5 Segment H-J-K is approximately 1.4 miles.
- Contingent Preferred Route with Route S1 Segment A-E is approximately 1.8 miles.

4.2.3 Detailed Dimensions.

4.2.3.1 Nominal width of Right-of-Way (ROW) required.

100-foot ROW for each proposed double-circuit 230 kV transmission line within the requested 350-foot-wide corridor.

4.2.3.2 Nominal length of span.

The nominal length of span may vary from 200 to 900 feet.

4.2.3.3 Maximum height of supporting structures.

The nominal height of the proposed structures will be 100 to 185 feet. The maximum height of the proposed structures will not exceed 199 feet.

4.2.3.4 Minimum height of conductor above ground.

The minimum height of the 230 kV conductor above existing grade will be 25.5 feet. The average lowest height of 230 kV conductor will be approximately 50 feet.

4.2.4 To the extent available, estimate costs of proposed transmission line and site, stated separately. (If Application contains alternative routes, furnish an estimate for each route and a brief description of the reasons for any variations in such estimates.)

The costs related to designing, procuring materials and construction the proposed transmission lines are approximately $4,000,000 per transmission line mile:

Route S1: $7.2 million
Route S2: $6.4 million
Route S3: $5.6 million
Route S4: $5.2 million
Route S5: $5.6 million
Route N1: $4.0 million
Route N2: $2.6 million
Route N3: $2.4 million
Route N4: $2.4 million
Link Options: A Link Option could add an additional estimated cost of approximately $500,000. However, actual costs would depend on how the Link Option connects segments to form a new route.

Given the variance in route options, estimated costs for transmission lines ROW are not available. On average, land acquisition costs for ROW range from $10/SF to $35/SF depending on the use of the property. Additional costs may be incurred for mitigation associated with route options.

4.2.5 Description of the proposed route and substation locations.

The proposed transmission lines will connect the existing Anderson – Orme 230 kV transmission line to the New Substation as shown in **Introduction (Figure 1).**

As noted above, SRP created two Routing Areas to develop and describe the route options presented in this Application. The location of the proposed lines is shown in **Introduction (Figure 1)** and described below:

<u>South Routing Area</u>

- **Route S1:** starts at the northwest corner of the New Substation site, travels north along an irrigation channel to West Dobbins Road, then travels east along West Dobbins Road to South 63rd Avenue and travels north along South 63rd Avenue to West South Mountain Avenue. The route then goes east on West South

Mountain Avenue, north on the west side of Loop 202 until intersecting the LACC.

- **Route S2:** starts at the northeast corner of the New Substation site, runs north on South 63rd Avenue, then travels east on West South Mountain Avenue and travels north on the west side of Loop 202 until intersecting the LACC.

- **Route S3:** starts at the northeast corner of the New Substation site and runs north on the west side of Loop 202 until intersecting the LACC.

- **Route S4:** starts at the northeast corner of the New Substation site, immediately going east to cross Loop 202 along West Olney Road, then runs north on the east side of Loop 202 until intersecting the LACC.

- **Route S5:** This would be a second line option and would start at the northeast corner of the New Substation site and runs north on the west side of Loop 202 until intersecting the LACC.

Link Options

To provide flexibility for multiple route combinations, Link Options are included in this Application. Link Options denote where a route segment can connect to a different route segment. Link Options allow different combinations of route segments to form a new route option. For ease of description, Nodes are also included in this Application to delineate the path a route option will follow. **Figure 1** shows the Nodes along with the route options and Link Options.

Specifically, the Link Option on West Dobbins Road (Segments E-F-G) would allow Route S1 and Route S2 to connect and form different routes with Route S3, Route S4, or Route S5. There is also a Link Option that runs along West South Mountain Avenue (Segment H-I) and connects Route S1, Route S2 and Route S3 to Route S4 or Route S5.

North Routing Area

- **Route N1:** runs north on the west side of Loop 202, past West Baseline Road, then turns east on West Vineyard Road to connect to the Anderson – Orme 230 kV transmission line.

- **Route N2:** runs north on the west side of Loop 202, past West Baseline Road, then turns east just north of the Laveen Spectrum

shopping center, to connect to the Anderson – Orme 230 kV transmission line.

- **Route N3:** travels east on the LACC, then travels north on the western side of Cheatham Substation to connect to the Anderson – Orme 230 kV transmission line.

- **Route N4:** travels east on the LACC, then travels north on the eastern side of Cheatham Substation to connect to the Anderson – Orme 230 kV transmission line.

Preferred and Alternative Routes identified below:

South Routing Area
Preferred Routes:
S2
S3 to Segment H-I-K

Alternative Routes:
S1
S5

North Routing Area
Preferred Routes:
N2
N3

Alternative Routes:
N1
N4

Contingent Preferred Segments:
S5 Segment H-J-K
The Applicant is currently working with ADOT to study the feasibility of a route or route segments on the east side of Loop 202. If ultimately the studies deem the east side of Loop 202 incompatible with transmission infrastructure, then Route S4 and Segments H-I-K would be infeasible. Therefore, the Applicant is requesting Contingent Preferred Segment Route S5 Segment H-J-K displayed on **Figure 2** be approved.

S1 Segment A-E
Through stakeholder outreach, the Applicant heard that the Project could better support future planned development if it is close to parcels south of West Dobbins Road and west of South 63rd Avenue **(See Ex J-6).** Therefore, the Applicant is requesting Contingent

Preferred Segment Route S1 Segment A-E displayed on **Figure 2** be approved.

4.2.6 Land Ownership.

The proposed transmission lines will be on a combination of private and public lands and may cross State of Arizona land, which is ADOT land along the Loop 202, United States (US) easements or lands under the jurisdiction of Bureau of Reclamation (BOR) that are maintained by SRP. SRP owns property directly north of the New Substation on the west side of the Loop 202, as shown on **Figure A-2** in **Exhibit A**. The remaining portions of the lines will be within an SRP easement on private land and by permit for the portions located on public lands. SRP will coordinate with BOR if US property rights are impacted by the Project.

5. Jurisdiction.

5.1 Areas of jurisdiction (as defined in A.R.S. Section 40-360) affected by this route.

The Project will be constructed on private and public lands within the City of Phoenix and Maricopa County and State of Arizona land which is ADOT land along the Loop 202.

5.2 Designation for proposed sites or routes, if any, which are contrary to the zoning ordinances or master plans of affected areas of jurisdiction.

Not Applicable.

6. Description of the environmental studies the Applicant has performed or intends to perform.

KP Environmental, Inc. (KPE) has conducted or reviewed environmental studies, including field studies and routing analyses, to support this Application. Potential environmental effects of construction and implementation of the Project are included in the exhibits to this Application.

7. Rationale for route selection/preference.

The Project described in this Application was developed and is supported by system planning, customer needs and load growth, and environmental studies. Advantages of this Project include the following:

- All route options presented in the South Routing Area and the North Routing Area address the needs for the Project.
- SRP has selected Preferred Routes, Contingent Preferred Segments and Alternatives for the Project given that each route option presents opportunities

and constraints that create differing impacts to landowners and stakeholders. The Routing Study included in **Exhibit J-6** describes the justification for routes. However, between the time of filing this Application and the Arizona Power Plant and Transmission Line Siting Committee Hearing, SRP will continue to meet with agencies, stakeholders, and the public. Based on those continuing discussions, SRP may present additional details and refined routing preferences in the Arizona Power Plant and Transmission Line Siting Committee Hearing.

- No significant or detrimental effects to fish, wildlife, plant life and associated forms of life upon which they are dependent.
- No significant or detrimental effects associated with noise emission levels and interference with communication signals.
- Neither SRP nor jurisdictional agencies have any plans for future development of recreational facilities associated with the Project.
- Project implementation will be consistent with safety considerations and regulations.
- No significant or detrimental effects to existing scenic areas, historic sites and structures, or archaeological sites at or in the vicinity of the Project.
- No significant or detrimental effects to surface water or groundwater quality and availability.
- The Project is environmentally compatible with the total environment of the area.

Based on the information provided above, SRP hereby affirms, upon thorough expert scientific environmental evaluation and analysis, that the Project is environmentally compatible and respectfully requests the Arizona Power Plant and Transmission Line Siting Committee issue a Certificate of Environmental Compatibility (CEC), with a term of ten (10) years.

By:

Rick Hernandez

Rick Hernandez

ORIGINAL and 25 copies of the foregoing hand delivered and filed with the Director of Utilities, Arizona Corporation Commission, this September 26, 2024.

EXHIBIT A
PROJECT LOCATION AND LAND USE

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Where commercially available, a topographic map, 1:250,000 scale, showing any proposed transmission line route of more than 50 miles in length and the adjacent area. For routes of less than 50 miles in length, use a scale of 1:62,500. If application is made for alternative transmission line routes, all routes may be shown on the same map, if practicable, designated by applicant's order of preference.

Where commercially available, a topographic map, 1:62,500 scale, of each proposed transmission line route of more than 50 miles in length showing that portion of the route within two miles of any subdivided area. The general land use plan within the area shall be shown on a 1:62,500 map, which shall also show the areas of jurisdiction affected and any boundaries between such areas of jurisdiction. If the general land use plan is uniform throughout the area depicted, it may be described in the legend in lieu of an overlay.

Project Location

Figure A-1 depicts the proposed South Mountain Transmission Project (SMT Project or Project), jurisdictional land ownership, and the adjacent area within a 20-mile buffer on a topographic map (1:250,000 scale).

Figure A-2 depicts the Project including a two-mile buffer of the Project site, jurisdictional land ownership, and the adjacent area on a topographic map (1:62,500 scale).

Figure A-3 depicts the PlanPHX 2025 General Plan (City of Phoenix General Plan) designated Land Use within a two-mile buffer of the Project on a topographic map (1:62,500 scale).

Figure A-4 depicts Maricopa County's designated Land Use within a two-mile buffer of the Project on a topographic map (1:62,500 scale).

Figure A-5 depicts the City of Phoenix designated Zoning District within a two-mile buffer.

Figure A-6 depicts Maricopa County's designated Zoning District within a two-mile buffer.

Land Ownership

The Project consists of two 230 kilovolt (kV) double-circuit transmission lines, approximately – two to three miles each in length. The Project components will be located on Salt River Project Agricultural Improvement and Power District (SRP)-owned property, Arizona Department of Transportation (ADOT) right-of-way (ROW), and privately owned land within the City of Phoenix and Maricopa County (see **Figures A-1** and **A-2**). SRP has obtained ownership of the property

located directly north of the Norman Substation and west of South Mountain Loop 202 Freeway (Loop 202). SRP is continuing to work with the City of Phoenix and ADOT to determine the final placement of the transmission lines. The proposed transmission lines may cross US easements or lands, which are maintained by SRP. SRP will coordinate with BOR if US property rights are impacted by the Project.

The surrounding area has land ownership that consists of private parcels in the City of Phoenix, Gila River Indian Community (GRIC) Tribal land, state-owned parcels, US owned parcels under Bureau of Reclamation (BOR) and Bureau of Land Management (BLM) jurisdiction, and parcels or islands under Maricopa County jurisdiction (see **Figures A-1** and **A-2**). The Project area includes many existing linear features including highway corridors, roadways, electric transmission lines, and hydrological features. The two proposed 230 kV transmission lines run adjacent to a mix of existing linear features including Loop 202, local roads, Laveen Area Conveyance Channel (LACC), and irrigation ditch/channels.

Land Use

City of Phoenix

The City of Phoenix is in the north-central area of Maricopa County, and the city limits encompass approximately 529 square miles. The City of Phoenix is bordered by the Town of Cave Creek and unincorporated Maricopa County to the north; the cities of Peoria, Glendale, Tolleson, and Avondale to the west; GRIC to the south; and the towns of Guadalupe and Paradise Valley and cities of Chandler, Tempe, and Scottsdale to the east. There are 15 villages established in the City of Phoenix, which intend to promote a strong sense of community, a healthy and viable economy and the efficient provision of high-quality urban services and protect the quality of life in established neighborhoods (City of Phoenix, 2024). Laveen Village is a designated area under the jurisdiction of the City of Phoenix (see **Figure A-2**).

The PlanPHX 2025 General Plan (City of Phoenix General Plan) is the current planning guide for developments within the incorporated and planning area boundaries regulated by the City of Phoenix. The City of Phoenix General Plan "plays a pivotal role in shaping a vision that provides the policies, goals, and actions that guide a city's growth and preservation, ensuring that it evolves in a manner that aligns with the community's core values and aspirations for the future" (City of Phoenix, 2024).

According to the City of Phoenix General Plan, the existing land categories within the City of Phoenix are designated as:

- Commercial
- Commerce /Business Park
- Floodplain
- Higher Density
- Industrial
- Large Lot
- Mixed-Use

- Mixed-Use Agricultural
- Nurseries / Flower Gardens
- Parks / Open Space
- Public / Quasi-public
- Traditional Lot
- Undesignated Area

The land use categories depicted in **Figure A-3** show the designated land uses from the City of Phoenix General Plan Land Use Map. The designated land uses within two-miles of the Project include Commerce / Business Park, Commercial, Higher Density, Industrial, Large Lot, Mixed-Use, Parks / Open Space, Public / Public-Quasi, and Traditional Lot.

The City of Phoenix General Plan identifies cores, centers, and corridors in each village as a step towards incorporating what the city calls "the concept of connectivity" into the City of Phoenix General Plan Land Use Map. The Project is in an area designated by the City of Phoenix as the South Mountain Tech Corridor. The city has identified that planning within and adjacent to the identified corridors will help ensure that existing employment centers and corridors can continue to thrive. "Ensuring the sustained growth of the city's existing employment centers and corridors will require a renewed commitment to collaborate with employers and the community on the land use, zoning and infrastructure decisions needed to support continued investment" (City of Phoenix, 2024). The City of Phoenix General Plan has implemented several land use policies that support the continued growth of the City's existing and emerging tech corridors.

The City of Phoenix General Plan designates the area in Laveen Village centered on Loop 202 bound by 59th Avenue to the east, 63rd Avenue to the west, Piedmont Road to the south, and Dirt Drive to the north as a Primary Core. Village Primary Cores are the central focus for each village and are characterized as areas that can support a large concentration of employment and housing opportunities (City of Phoenix, 2024).

Land use designations crossed from south to north by each route are shown in **Figure A-3** and included in **Table A-1** below:

Table A-1

Route	Land Use Designations
South Routing Area	
Route S1	Commerce / Business Park, Industrial, Commercial, Parks / Open Space
Route S2	Commerce / Business Park, Industrial, Commercial
Route S3	Commerce / Business Park, Commercial
Route S4	Commerce / Business Park, Commercial
Route S5	Commerce / Business Park, Commercial
Link Options	Commerce / Business Park, Commercial
North Routing Area	
Route N1	Commerce / Business Park, Commercial, Large Lot, Higher Density, Parks / Open Space
Route N2	Commerce / Business Park, Commercial, Higher Density, Parks / Open Space
Route N3	Commerce / Business Park, Commercial, Higher Density
Route N4	Commerce / Business Park, Commercial, Higher Density
Source: City of Phoenix 2024.	

Maricopa County

Maricopa County is located within the south-central part of Arizona and has a total area of approximately 9,200 square miles. As depicted in **Figure A-2**, there are unincorporated county lands in the Project vicinity. These lands are also included in the Laveen Village Plan boundary.

Land use controls for private lands within unincorporated portions of Maricopa County are regulated by the Maricopa County Comprehensive Plan, Vision 2030 (Maricopa County, 2016). Land use data was acquired for the Project area from the Maricopa Association of Governments (MAG) Geographical Information Systems (GIS) data.

The land use categories depicted in **Figure A-4** are the existing land use inventory designated by MAG. The MAG designated land uses within two miles of the Project are:

- Agriculture
- Commercial Low
- Developing Residential
- Educational, Industrial
- Other Employment
- Passive / Restricted Open Space
- Public / Special Event / Military
- Religious / Institutional
- Single Family High Density
- Single Family Low Density
- Single Family Medium Density
- Transportation
- Vacant
- Water

Land use designations crossed from south to north by each route are included in **Table A-2** below:

Table A-2

Route	Land Use Designations
South Routing Area	
Route S1	n/a
Route S2	n/a
Route S3	n/a
Route S4	n/a
Route S5	n/a
Link Options	n/a
North Routing Area	
Route N1	Agriculture, Transportation, Vacant, Single-Family Low Density,
Route N2	Transportation
Route N3	n/a
Route N4	n/a
Source: MAG 2023.	

Gila River Indian Community (GRIC)

As depicted in **Figure A-2**, land to the southwest of the Project is within the GRIC. GRIC is an Indian reservation with a land area of 583.749 square miles and a 2000 Census population of 11,257. The GRIC is made up of seven districts along the Gila River and its largest communities are Sacaton, Komatke, Santan, and Blackwater. GRIC is an overall rural area with land uses including residential, industrial, agriculture, casino/resorts, recreation, and commercial uses. GRIC lands are located in unincorporated Maricopa County (GRIC, 2015).

Zoning

City of Phoenix

The City of Phoenix Zoning Ordinance's purpose is to establish standards and regulations to govern the use of land and structures in the City, for review and approval of all proposed development of property, and to provide a development review process that is comprehensive, consistent, and efficient in the implementation of the City of Phoenix General Plan and other adopted goals, policies, and standards of the City.

The City of Phoenix is classified into Base Zones/Districts and Overlay Zones. Overlay Zones may be combined with one or more Base Zone/District. As depicted on **Figure A-5**, the zoning districts within two miles of the Project include A-1 (Light Industrial), A-2 (Industrial), C-1 (Neighborhood Retail), C-2 (Intermediate Commercial), C-O (Commercial Office, Restricted Commercial), CP/GCP (Commerce Park / General Commerce Park), GC (Golf Course), PUD (Planned Unit Development), R-2/3/4 (Multifamily Residence), R1-6/8/10/18/E35 (Single-Family Residence), and S-1 (Ranch or Farm Residence) (City of Phoenix, 2011). These districts are defined in the City of Phoenix Zoning Ordinance as follows:

- A-1 – Light Industrial
    - *This district is for industrial uses designed to serve the needs of the community for industrial activity not offensive to nearby commercial and residential uses.*
- A-2 – Industrial
    - *This district accommodates uses with one or more of the following characteristics: intensive use of property; open uses and/or storage; industrial processes which may involve significant amounts of heat, mechanical and chemical processing, large amounts of materials transfer, extended or multiple shift operation, large scaled structures, etc.*
- C-1 – Neighborhood Retail
    - *Accommodates light neighborhood type retail and customer service uses designed to be compatible with each other and nearby residential districts.*
- C-2 – Intermediate Commercial

- *This district is for commercial uses of medium intensity designed to be compatible with each other and to provide for a wide range of types of commercial activity within the district.*

- C-O – Commercial Office, Restricted Commercial

  - *Intended to provide office use as an appropriate transition between intense commercial activities and nearby residential uses.*

- CP/GCP – Commerce Park/General Commerce Park

  - *This district provides indoor retail, limited outdoor display and related service-oriented businesses that serve a large surrounding residential trade area within a 4- to 5-mile radius.*

- GC – Golf Course

  - *This district's purpose is to permit golf courses including accessory uses and activities that recognize the unique relationship such courses have within a community, allowing commercial recreational opportunities while providing a desirable open space amenity.*

- PUD – Planned Unit Development

  - *Intended to create a built environment that is superior to that produced by conventional zoning districts and design guidelines. Using a collaborative and comprehensive approach, an applicant authors and proposes standards and guidelines that are tailored to the context of a site on a case-by-case basis.*

- R-2/3/4 – Multifamily Residence

  - *Provides for alternate living styles including rental, condominiums and single ownership of land with multiple units thereon or single or attached townhomes. The density ranges offered are intended to allow for a greater interaction of residents with at least the opportunity for less individual maintenance, unit cost, and size as compared with a conventional single-family residence.*

- R1-6/8/10/18/E35 – Single-Family Residence

  - *This district's purpose is to foster the creation of living areas which can assist the establishment of stable, functional neighborhoods. An established pattern of living in this metropolitan area reflects a tradition of single-family occupied dwellings which also emphasize outdoor living. These regulations provide standards for dwellings built at low and moderate densities.*

- S-1 – Ranch or Farm Residence

- *This district is designed to provide for very low-density farm or residential uses to protect and preserve low density areas in their present or desired character. It is intended that the S-1 district will afford areas where semi-rural residential and agricultural uses can be maintained without impairment from industrial, commercial or higher density residential development.*

City of Phoenix zoning districts crossed from south to north by each route are included in **Table A-3** below:

Table A-3

Route	Zoning District
South Routing Area	
Route S1	Ranch or Farm Residence(S-1), Planned Unit Development (PUD), Intermediate Commercial (C-2)
Route S2	S-1, PUD, C-2
Route S3	S-1, PUD, C-2
Route S4	S-1, C-2, Multi-family Residential (R-2/3/4)
Route S5	S-1, PUD, C-2
Link Options	S-1, PUD, C-2
North Routing Area	
Route N1	Commerce Park / General Commerce Park (CP/GCP), R-2, Single-Family Residence (R1-8), PUD, S-1, Golf Course (GC)
Route N2	CP/GCP, PUD, GC
Route N3	CP/GCP, C-2, S-1
Route N4	CP/GCP, C-2, S-1
Source: City of Phoenix 2011.	

Maricopa County

The Maricopa County Zoning Ordinance is designed to promote the public health, peace, safety, comfort, convenience, and general welfare of the residents of Maricopa County; to guide, control, and regulate the future growth and development in order to promote orderly and appropriate use of land in the entire unincorporated area of said county; and to protect the character and the stability of residential, business, and industrial areas of Maricopa County. (Maricopa County, 2023).

The Maricopa County Zoning Ordinance has both Base Zones/Districts and Overlay Zones. Overlay Zones may be combined with one or more Base Zone/District. As depicted on **Figure A-6**, the zoning districts within two miles of the Project are C-1 (Neighborhood Commercial), C-2 (Intermediate Commercial), IND-1 (Planned Industrial), IND-2 (Light Industrial), IND-3 (Heavy Industrial), R1-6 (Single-Family Residential), and RU-43 (Rural) These districts are defined in the Maricopa County Zoning Ordinance as follows:

- C-1 – Neighborhood Commercial
    - *Provides for smaller shops and services in convenient locations to meet the daily needs of families in the immediate residential neighborhoods while encouraging sustainable building practices.*
- C-2 – Intermediate Commercial

- *The purpose of this zoning district is to provide for the sale of commodities and the performance of services and other activities in locations for which the market area extends beyond the immediate residential neighborhoods while encouraging sustainable building practices. This zoning district is designed for application at major street intersections*

- IND-1 – Planned Industrial

  - *Provides sufficient space in appropriate locations for certain types of business and manufacturing uses that are quiet, attractive and well-designed including appropriate screening and/or landscape buffers to afford locations close to existing residential uses, so that people can live and work in the same neighborhood while encouraging sustainable development practices*.

- IND-2 – Light Industrial

  - *Provides for light industrial uses in locations which are suitable and appropriate taking into consideration the land uses on adjacent or nearby properties, access to a major street or highway, rail service or other means of transportation, and the availability of public utilities while encouraging sustainable development practices.*

- IND-3 – Heavy Industrial

  - *Provides for heavy industrial uses in locations which are suitable and appropriate, taking into consideration land uses on adjacent or nearby properties, access to a major street or highway, rail service or other means of transportation, and the availability of public utilities while encouraging sustainable development practices. Principal uses permitted in this zoning district include the industrial uses that are not permitted in any other zoning district.*

- R1-6 – Single Family Residential (6,000 square feet per Dwelling Unit (du))

  - *This district's purpose is to conserve, protect, and encourage sustainable single-family residential development where minimum lots of not less than 6,000 square feet in area are suitable and appropriate taking into consideration existing conditions, including present use of land, present lot sizes, future land use needs and the availability of public utilities.*

- RU-43– Rural (one acre per du)

  - *This district's purpose is to conserve and protect farms and other open land uses, foster orderly growth in rural and agricultural areas, prevent urban and agricultural land use conflicts, and encourage sustainable development.*

Maricopa County zoning districts crossed from south to north by each route are included in **Table A-4** below:

Table A-4

Route	Zoning District
South Routing Area	
Route S1	n/a
Route S2	n/a
Route S3	n/a
Route S4	n/a
Route S5	n/a
Link Options	n/a
North Routing Area	
Route N1	Intermediate Commercial (C-2), Rural one acre per du (RU-43)
Route N2	RU-43
Route N3	n/a
Route N4	n/a
Source: Maricopa County 2023.	

Potential Effects

The Project is in the southwest portion of the City of Phoenix, in Laveen Village, located within Maricopa County. The proposed 230 kV transmission lines would be located on previously disturbed lands and corridors. The proposed 230 kV transmission lines cross land uses including Commerce / Business Park, Commercial, Higher Density, Industrial, Large Lot, and Parks / Open Space in the City of Phoenix and Agriculture, Single Family Low Density, Transportation, and Vacant in Maricopa County. The zoning districts crossed in the City of Phoenix are Intermediate Commercial (C-2), Commerce Park / General Commerce Park (CP/GCP), Golf Course (GC), Planned Unit Development (PUD), Single-Family Residence (R1-8), Multi-family Residential (R-2), and Ranch or Farm Residence (S-1). The zoning districts crossed in Maricopa County are Intermediate Commercial (C-2), Rural one acre per du (RU-43).

In addition to being located predominantly in commercial, industrial, and mixed land uses, the Project is located within the South Mountain Tech Corridor. The South Mountain Tech Corridor is designated by the City of Phoenix General Plan as a destination for investments in technology and a new economy with a focus on the innovative industries of the future (City of Phoenix, 2024). The Project is consistent with the City of Phoenix General Plan's core value to create a network of vibrant cores, centers, and corridors across the City. The Project would support the growth planned for Laveen Village and the South Mountain Tech Corridor (City of Phoenix, 2024).

The proposed 230 kV transmission lines are located near the border of the GRIC. None of the Project components would be located on GRIC land and, therefore, would not impact current or future land uses. Other potential effects to Tribal resources are discussed in **Exhibit E**.

While the Project would introduce new overhead transmission structures into the landscape, the future land uses and zoning are expected to be retained for their designated purposes (see **Figures A-5 and A-6**). The Project is near existing transportation and utility infrastructure, and the transitioning land uses in the area are consistent with the City of Phoenix's land use planning goals and strategic development plans. Therefore, the Project would result in negligible impacts to existing and future land use plans.

References

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Proposed 230kV Transmission Line Routes

Legend

Project Components

- New Substation Property
- 20-Mile Buffer of Project

Requires two new 230kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Interstate Highway
- US Route or State Highway
- County Boundary

Jurisdictional Land Ownership

- Bureau of Land Management Land
- Bureau of Reclamation Land
- Military Land
- National Park Service Land
- Tribal Land
- State Land
- Private Land (No Shading)

0 2.5 5 7.5 10
Miles

SPCS NAD 83, AZ Central, US Ft.
Data Sources: BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.

ARIZONA

Maricopa County
Pinal County
Map Extent

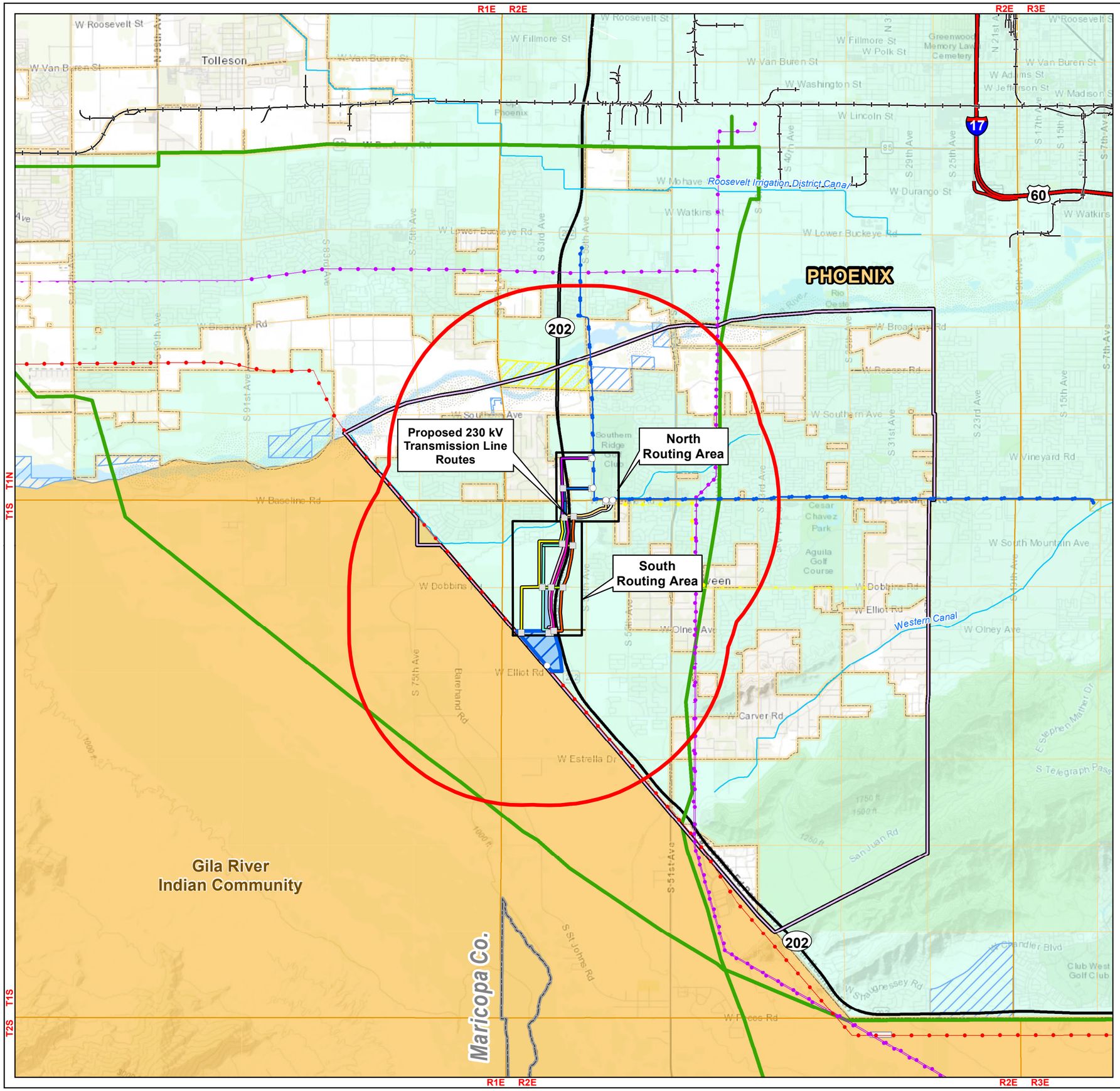
SRP

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-1 JURISDICTION

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw



Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- Routing Area
- 2-Mile Buffer of Project

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- Existing Natural Gas Pipeline
- Interstate Highway
- State Highway
- Channel / Canal
- Railroad
- Laveen Village Boundary
- Municipal Boundary
- County Boundary
- SRP-Owned Property
- Township / Range Boundary
- Section Boundary

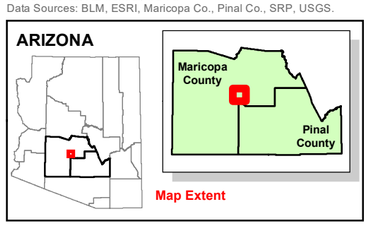
Jurisdictional Land Ownership

- Bureau of Land Management Land
- Bureau of Reclamation Land
- Bureau of Reclamation Ditch
- State Land
- Tribal Land

Jurisdiction

- Unincorporated County
- City of Phoenix

SPCS NAD 83, AZ Central, US Ft.
Data Sources: BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.



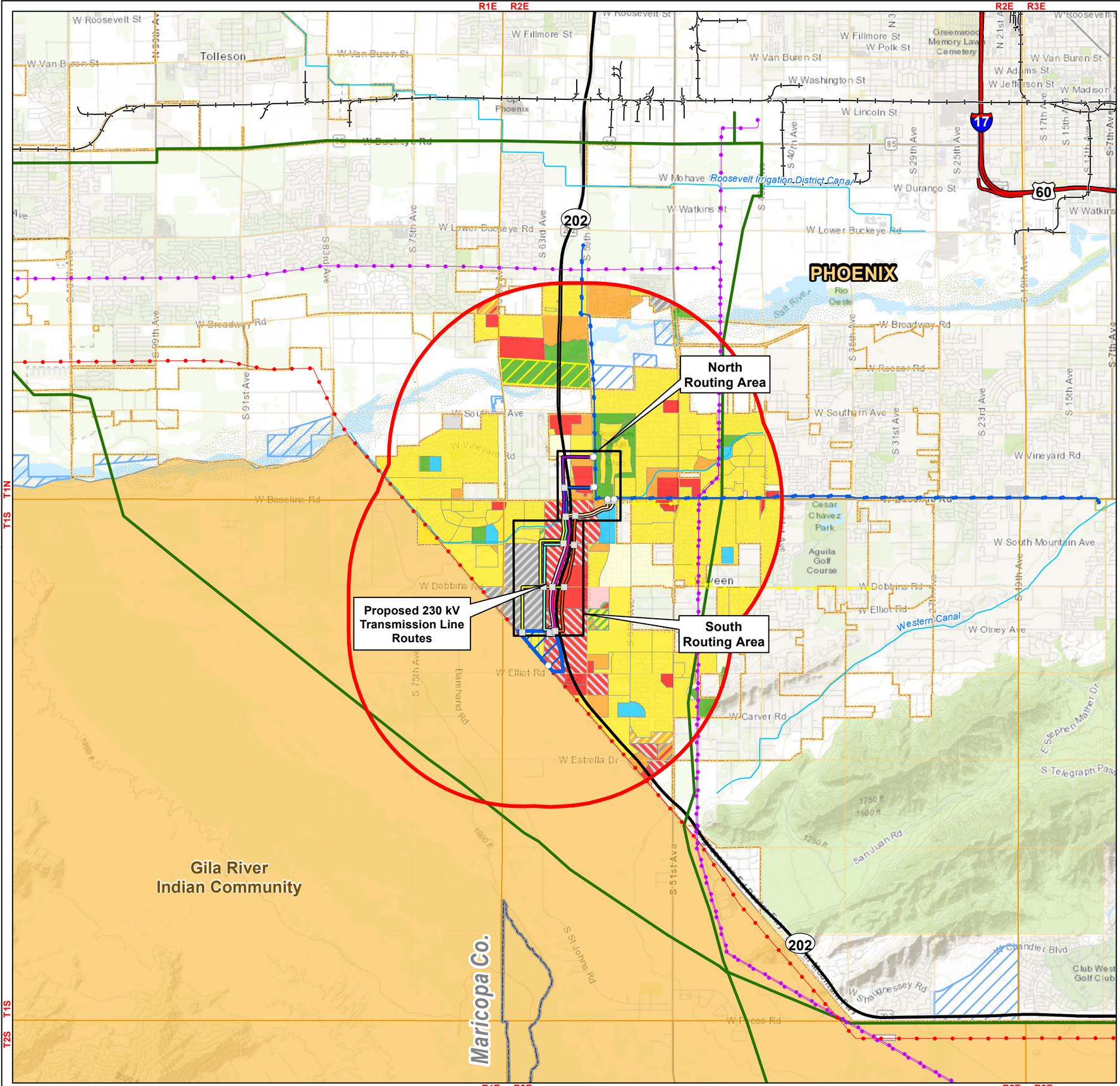
0 0.5 1 1.5 2
Miles

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-2 JURISDICTION

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw



Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- Routing Area
- 2-Mile Buffer of Project

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- Existing Natural Gas Pipeline
- Interstate Highway
- State Highway
- Channel / Canal
- Railroad
- Municipal Boundary
- County Boundary
- Township / Range Boundary
- Section Boundary

City of Phoenix Land Use Categories

- Commerce / Business Park
- Commercial
- Higher Density
- Industrial
- Large Lot
- Mixed Use
- Parks / Open Space
- Public / Quasi-Public
- Traditional Lot

NOTE: Striped areas designate optional uses corresponding to colors shown.

Jurisdictional Land Ownership

- Bureau of Land Management Land
- Bureau of Reclamation Land
- State Land
- Tribal Land

0 0.5 1 1.5 2
Miles

SRP®

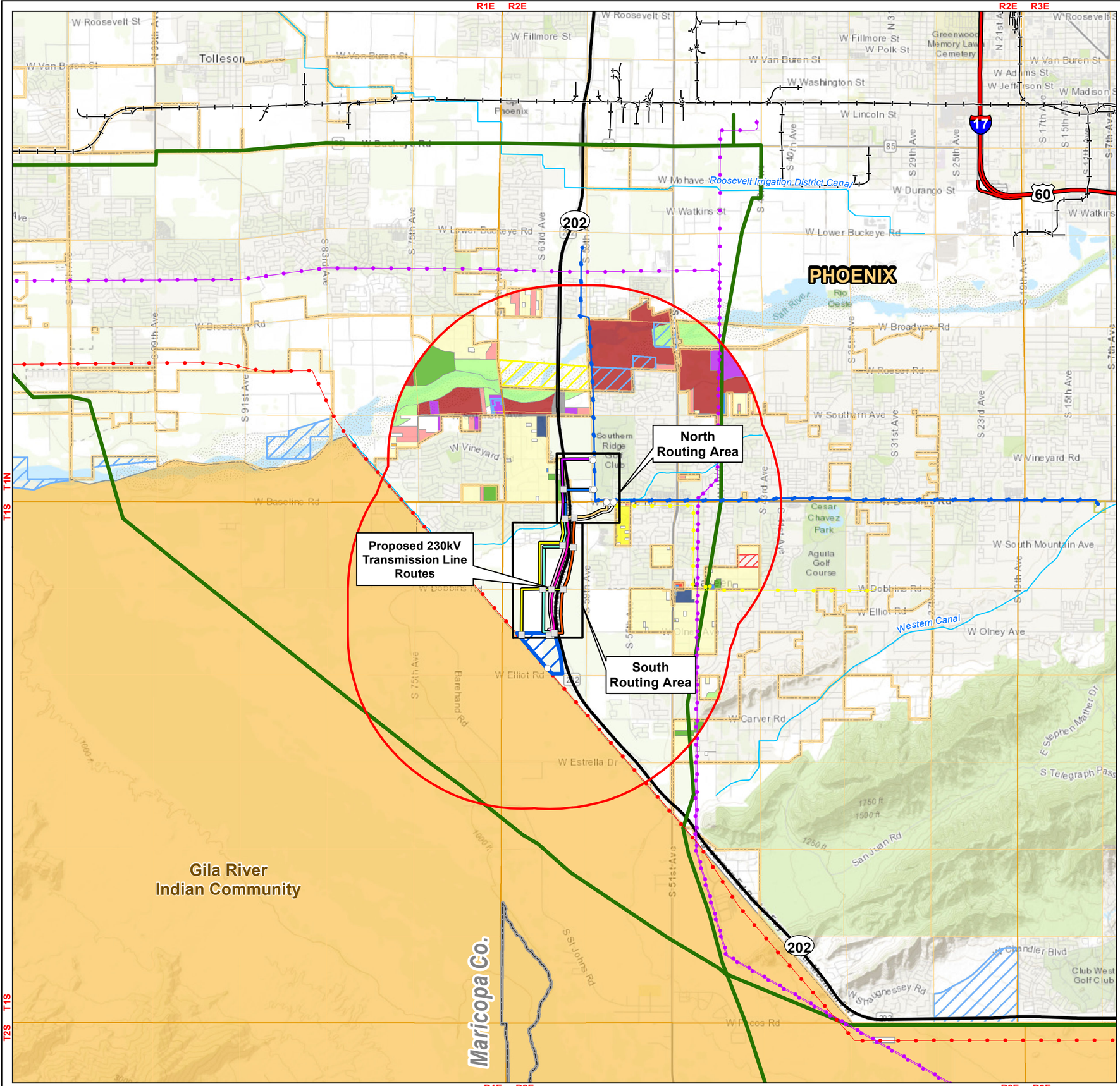
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-3 PHOENIX GENERAL PLAN LAND USE

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., Pinal Co., SRP, USGS.



Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- Routing Area
- 2-Mile Buffer of Project

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- Existing Natural Gas Pipeline
- Interstate Highway
- State Highway
- Channel / Canal
- Railroad
- Municipal Boundary
- County Boundary
- Township / Range Boundary
- Section Boundary

Maricopa County Existing Land Use

- Agriculture
- Commercial Low
- Developing Residential
- Educational
- Industrial
- Other Employment
- Passive / Restricted Open Space
- Public / Special Event / Military
- Religious / Institutional
- Single Family High Density
- Single Family Low Density
- Single Family Medium Density
- Transportation
- Vacant
- Water

Jurisdictional Land Ownership

- Bureau of Land Management Land
- Bureau of Reclamation Land
- State Land
- Tribal Land

0 0.5 1 1.5 2
Miles

SRP®

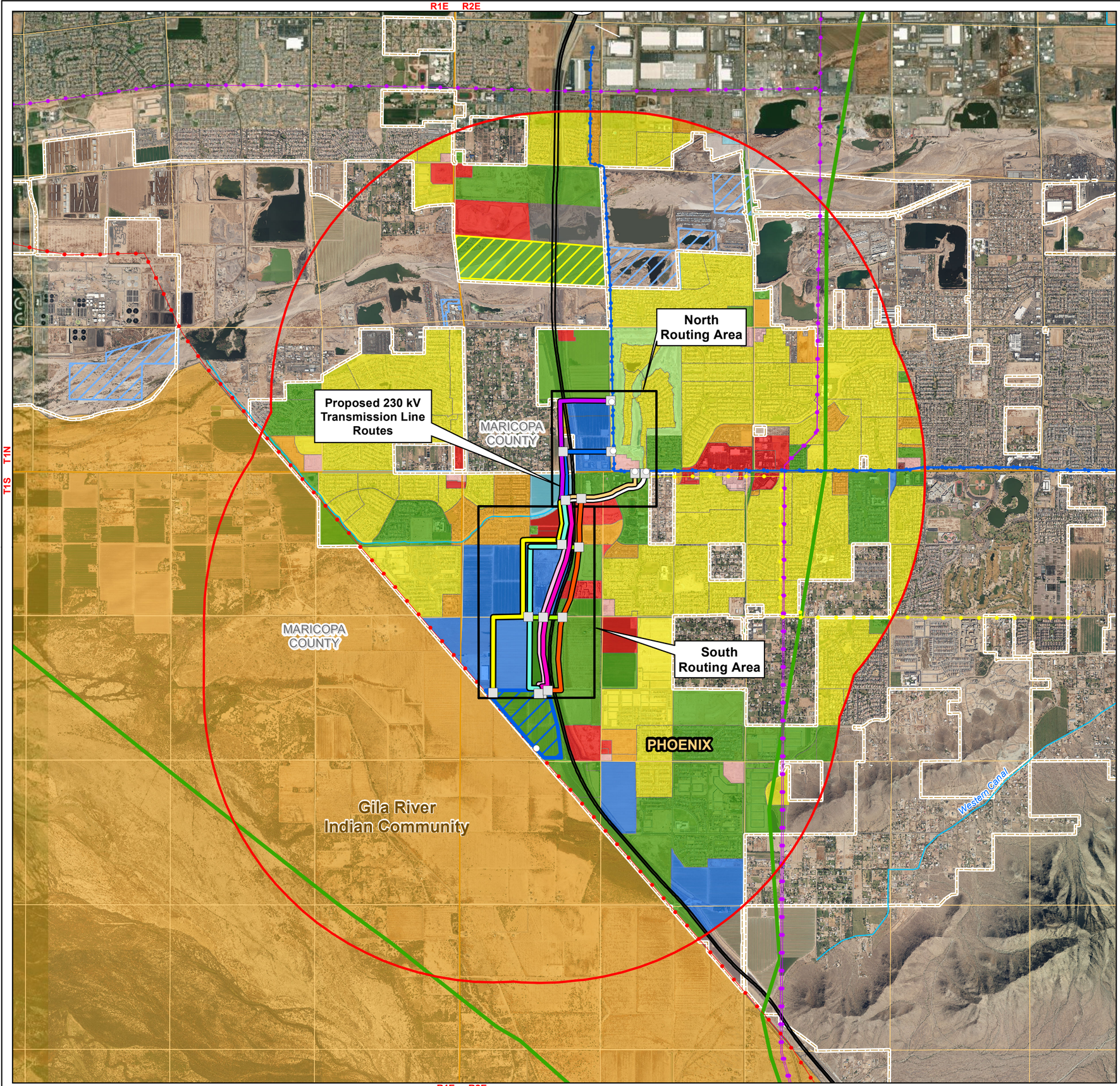
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-4 MARICOPA COUNTY LAND USE

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., Pinal Co., SRP, USGS.



Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- Routing Area
- 2-Mile Buffer of Project

Requires two new 230kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- Existing Natural Gas Pipeline
- State Highway
- Channel / Canal
- Municipal Boundary
- Railroad
- Township / Range Boundary
- Section Boundary

City of Phoenix Zoning Districts

- A-1 - Industrial
- A-2 - Industrial
- C-1 - Neighborhood Retail
- C-2 - Intermediate Commercial
- C-O - Commercial Office, Restricted Commercial
- CP / GCP - Commerce Park / General Commerce Park
- GC - Golf Course
- PUD - Planned Unit Development
- R-2/3/4 - Multifamily Residence
- R1-6/8/10/18/E35 - Single-Family Residence
- S-1 - Ranch or Farm Residence

Jurisdictional Land Ownership

- Bureau of Land Management Land
- Bureau of Reclamation Land
- State Land
- Tribal Land

0 0.25 0.5 0.75
Miles

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., Pinal Co., SRP, USGS.

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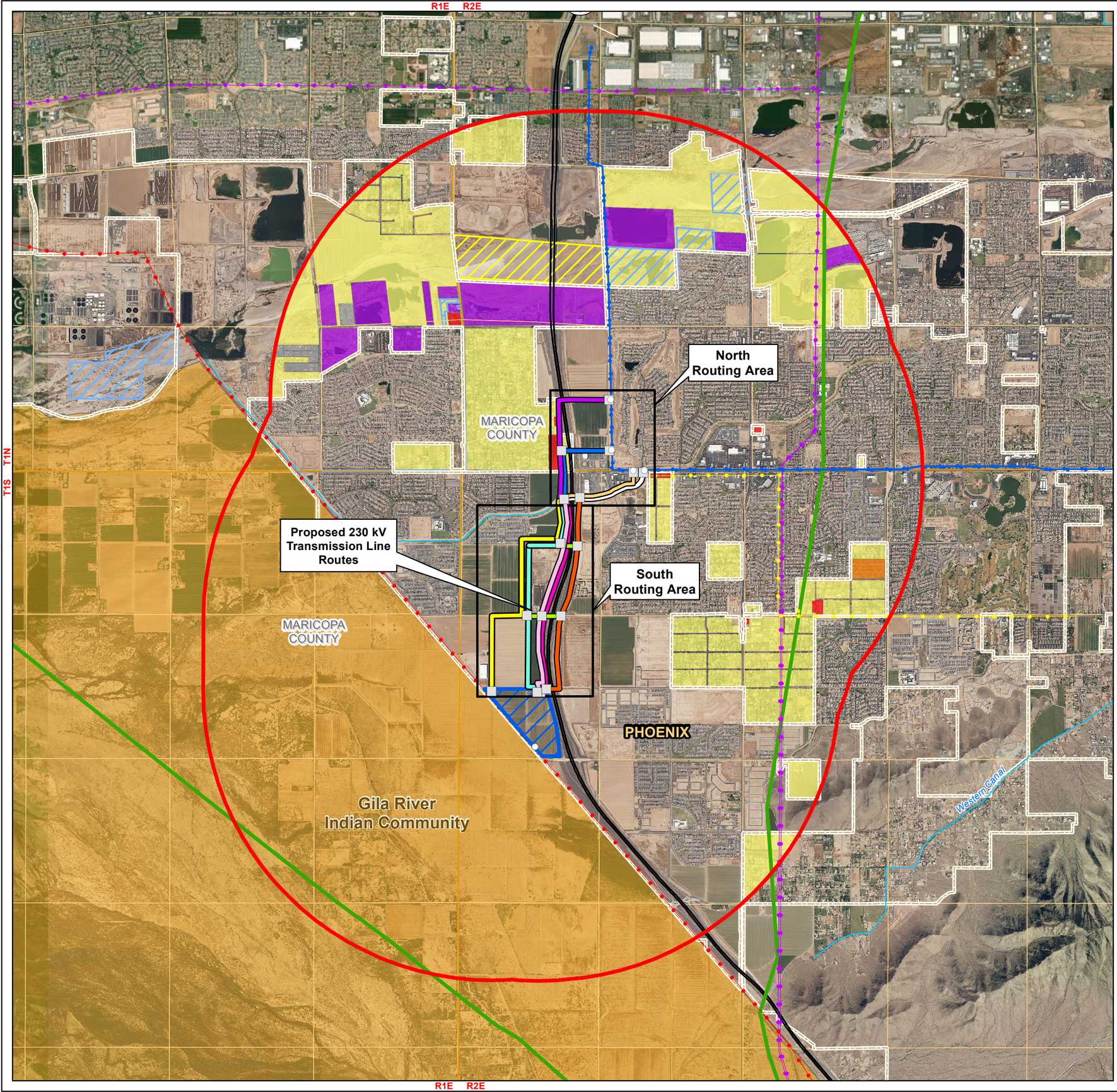
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-5 CITY OF PHOENIX ZONING

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw



Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- Routing Area
- 2-Mile Buffer of Project

Requires two new 230kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- Existing Natural Gas Pipeline
- State Highway
- Channel / Canal
- Municipal Boundary
- Railroad
- Township / Range Boundary
- Section Boundary

Maricopa County Zoning

- C-1 (Neighborhood Commercial)
- C-2 (Intermediate Commercial)
- IND-1 (Planned Industrial)
- IND-2 (Light Industrial)
- IND-3 (Heavy Industrial)
- R1-6 (Single-Family Residential)
- RU-43 (Rural)

Jurisdictional Land Ownership

- Bureau of Land Management Land
- Bureau of Reclamation Land
- State Land
- Tribal Land

0 0.25 0.5 0.75
Miles

SRP

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-6 MARICOPA COUNTY ZONING

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., Pinal Co., SRP, USGS.

EXHIBIT B
ENVIRONMENTAL STUDIES

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Attach any environmental studies which applicant has made or obtained in connection with the proposed site(s) or route(s). If an environmental report has been prepared for any federal agency or if a federal agency has prepared an environmental statement pursuant to Section 102 of the National Environmental Policy Act, a copy shall be included as part of this exhibit.

The results of the environmental studies associated with the portions of the proposed South Mountain Transmission Project (SMT Project or Project) that are the subject of this Application are discussed in previous and subsequent exhibits: **Exhibit A** describes land use; **Exhibit C** addresses potential impacts to sensitive biological resources; **Exhibit D** discusses potential impacts to other biological resources; **Exhibit E** summarizes the potential effects on the area's scenic quality and cultural resources; **Exhibit F** summarizes the potential effects on recreation resources; **Exhibit H** describes how the Project could affect existing local plans; and **Exhibit I** discusses the noise and communication impacts that are expected.

There is no federal action associated with this Project that will require National Environmental Policy Act (NEPA) documents to be developed for this Application.

EXHIBIT C
AREAS OF BIOLOGICAL WEALTH

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Describe any areas in the vicinity of the proposed site or route which are unique because of biological wealth or because they are habitats for rare and endangered species. Describe the biological wealth or species involved and state effects, if any, the proposed facilities will have thereon.

Introduction

Areas of biological wealth and the rare and endangered species that may occur at or in the vicinity of the proposed South Mountain Transmission Project (SMT Project or Project) were identified through a biotic resource review conducted by KP Environmental, Inc. (KPE). The data sources consulted for the review include:

- Topographical and aerial maps and land use, land cover, and elevation data.
- The U.S. Fish and Wildlife Service (USFWS) species list for the Project obtained from the USFWS online Information for Planning and Consultation (IPaC) system (**Exhibit C-1**).
- Species information obtained from the USFWS Environmental Conservation Online System, the USFWS Arizona Ecological Services document library, the Arizona Game and Fish Department (AGFD) Online Environmental Review Tool (**Exhibit C-2**).
- AGFD Review of the SMT Project (**Exhibit C-3**).

The AGFD Online Environmental Review Tool database query establishes a buffer beyond the Project to search for occurrence records and the presence of modeled habitat (AGFD 2024a). The size of the buffer depends on the type of project being considered. For the anticipated work areas for this Project, the buffer is three miles beyond the Project as defined by the AGFD Online Environmental Review Tool.

In addition, a KPE biologist with expertise in the biology of flora and fauna of the region completed an on-ground habitat assessment along the Project routes. All plant and wildlife species observed in the Project area during surveys on May 21, 2024, were recorded (see **Exhibit D** for a complete list), and the site was assessed to determine if habitat features for species protected under the federal, state, or local regulations were present in the Project area and vicinity.

Laws and Policies

Applicable laws and policies regarding special-status species in Arizona include the following.

The USFWS administers the following federal laws and associated regulations:

- The USFWS administers the Endangered Species Act (ESA) of 1973, as amended. The ESA protects wildlife species listed as threatened or endangered from "take" (generally, intentional or unintentional harm or harassment of a listed species). However, the ESA does not provide the same take protections for listed plant species, except on federal land. The ESA also allows for the designation of critical habitat for listed species, although designation of critical habitat is not required. Critical habitat is an administrative designation of a defined area with specific characteristics important to the survival and recovery of a listed species. Designation of critical habitat can affect federal actions but not state or private actions unless there is a federal nexus.

- The Migratory Bird Treaty Act (MBTA) provides for the protection of migratory birds and prohibits their unlawful take or possession. The act bans "taking" any native birds; "taking" can mean killing a wild bird or possessing parts of a wild bird, including feathers, nests, or eggs. Exceptions are allowed for hunting game birds and for research purposes, both of which require permits.

- The Bald and Golden Eagle Protection Act (BGEPA) prohibits any form of possession or taking of bald eagles (*Haliaeetus leucocephalus*) or golden eagles (*Aquila chrysaetos*). The act prohibits the "take" of bald and golden eagles; "taking" includes disturbing eagles, which means to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment by substantially interfering with normal breeding, feeding, or sheltering behavior.

The AGFD manages and conserves wildlife in Arizona. Nearly all take of wildlife is regulated in some manner through the hunting and fishing license system. Arizona does not have a counterpart to the federal ESA, but a list of rare species (Wildlife of Special Concern [WSC]) was created in 1996, based on ESA candidate species, without creating any specific statutory protections for those species. However, hunting regulations are used to provide some protection. The WSC status is no longer a valid category because they were former but no longer candidate species under the ESA; however, the AGFD continues to track these species due to an existing memorandum of understanding between the USFWS and AGFD. Generally, no hunting or capture of those species is allowed, with some exceptions for managed recreational fisheries of native fish and recreational capture of certain reptiles.

Arizona prepared a Comprehensive Wildlife Conservation Strategy in 2006 (AGFD, 2006), later renamed the State Wildlife Action Plan (SWAP), through a state–federal partnership and grant program. The SWAP was updated in 2022 (AGFD, 2022) and is now called the Arizona Wildlife Conservation Strategy (AWCS), making minor refinements to SWAP criteria to provide clarity. The AWCS identifies Species of Greatest Conservation Need

(SGCN) in several tiers. SGCN was scored on the following seven criteria: Extirpated Status, Federal or Legal Status, Declining Status, Disjunct Status, Demographic Status, Concentration Status, and Distribution Status. Tier 1 species were deemed vulnerable in at least one of the previous categories and is at least one of the following: federally listed as endangered or threatened under the ESA, recently removed from ESA and currently requires post-delisting monitoring, specifically covered under a signed conservation agreement such as Candidate Conservation Agreement (CCA) or a Candidate Conservation Agreement with Assurances (CCAA) or a Conservation Strategy and Assessment or Strategic Conservation Plan, or a closed season species (i.e., no take permitted) as identified in AGFD Orders 40, 41, 42 or 43 (AGFD, 2022). Tier 2 species were deemed vulnerable in at least one of the seven criteria listed above but matched none of the additional criteria also listed above. Tier 3 species have "unknown status" in at least one of the seven criteria listed above. These species have no assessed status, and thus represent priority research and information needs. With more information on these species, their status is likely to change.

Native plants in Arizona are managed by the Arizona Department of Agriculture (ADA), which regulates harvest, salvage, and transport of plants. Harvest or salvage of most plant species may be permitted or required, and fees may be assessed on Arizona State Land Department (ASLD) State Trust Land (State Land). Plants listed in the Highly Safeguarded category may only be taken or salvaged for scientific or conservation purposes.

The ADA administers the state noxious weed law under Arizona Administrative Code R3-4-245.

Inventory

A KPE biologist surveyed the area in and around the Project routes on May 21, 2024. The biologist documented existing conditions and noted any habitat features that may be important to special-status species or related to areas of biological wealth in the Project area.

The USFWS IPaC database was queried in May and then again on July 8, 2024, to generate an unofficial list of ESA-listed species that have the potential to occur in the Study Area (USFWS, 2024d) (**Exhibit C-1**), see **Table C-1**. In addition, the AGFD Online Environmental Review Tool was queried in May and then again on July 8, 2024, to generate a list of special-status species with records within three miles of the Project area and a list of SGCN with modeled suitable habitat within three miles of the Project area, see **Table C-2** (AGFD, 2024a) (**Exhibit C-2**).

Summary of Occurrence

The USFWS and AGFD identified several rare, endangered, threatened, and other special-status species that are known to occur or could occur in the region (i.e., along the Project routes for USFWS and within a three-mile buffer of the Project for AGFD). These protected areas, special-status species, and their likelihood of being present in the vicinity

of the proposed Project are addressed below in four sections: 1) Areas of Biological Wealth 2) Federally Listed Threatened and Endangered Species, 3) Other Special Status-Species, and 4) Protected Native Plants (AGFD, 2024a; USFWS, 2024d).

Areas of Biological Wealth

There are no designated or proposed critical habitats within the Project area (USFWS, 2024d).

Several areas of biological wealth occur in the vicinity of the Project. The Salt River – Saguaro Lake to Gila River Riparian Movement Area is located approximately 0.7 miles north of the northernmost point (AGFD, 2012). The Gila River Landscape Movement Area and Estrella Mountain – South Mountain Landscape Movement Area are located approximately 2.3 miles southeast and approximately three miles southeast of the southernmost point on the Project routes, respectively (AGFD, 2012).

Pinal County Riparian Areas are mapped within three miles of the Project (AGFD, 2024a). This riparian category was developed to provide planners and other project proponents with the information to identify opportunities to protect riparian areas, open spaces, and other natural resources throughout Pinal County and the surrounding areas (AGFD and Pinal County, 2019). No native riparian areas were observed within the Project area during field surveys (see **Exhibit D**). There is a small corridor of historically riparian habitat mapped along the southern terminus of the proposed Project area (see **Exhibit C-2**); however, the entire portion of the mapped riparian habitat in the vicinity of the Project area is now occupied by agricultural operations and development.

The closest Important Bird Area (IBA), the Lower Salt and Gila Rivers Ecosystem IBA, is approximately 2.6 miles west of the Project (Audubon, 2024). The habitat assessment survey determined there are no wildlife corridors, wetlands, native riparian areas nor IBAs located within or adjacent to the Project.

Federally Listed Threatened and Endangered Species

The USFWS IPaC identified six wildlife species protected under the ESA and one ESA candidate invertebrate species (USFWS, 2024d). The species' federal status and potential for occurrence in the vicinity of the Project are presented in **Table C-1.**

Table C-1
USFWS-Listed Species

Species		USFWS Protection Status	Occurrence Status (Justification)
Common name	**Scientific name**		
Mammals			

Table C-1 USFWS-Listed Species			
Species		**USFWS Protection Status**	**Occurrence Status (Justification)**
Common name	**Scientific name**		
Sonoran Pronghorn	*Antilocapra americana sonoriensis*	Experimental Population, Non-essential	Unlikely to occur. Suitable desert habitat is not present within the Project area. The Project area is unlikely to be used for breeding or foraging due to the scarcity of native grassland and proximity to developed areas and highways. This species did not have occurrence records within three miles of the Project (AGFD 2024a),and was not observed during the field assessment.
Birds			
Cactus Ferruginous Pygmy-Owl	*Glaucidium brasilianum cactorum*	Threatened	Unlikely to occur; Suitable cottonwood-mesquite riparian areas and Sonoran desertscrub habitat do not occur within the Project area. The Project area is unlikely to be used for breeding and nesting due to the absence of Saguaro cacti and other suitable nesting substrates as well as suitable habitat. This species did not have occurrence records within three miles of the Project (AGFD 2024a), and was not observed during the field assessment.
California Least Tern	*Sterna antillarum browni*	Endangered	Unlikely to occur. There is no suitable sandbar habitat within the Project area. The Project area is unlikely to be used for breeding or nesting due to the absence of broad shore areas. This species did not have occurrence records within three miles of the Project (AGFD 2024a), and was not observed during the field assessment.

Table C-1 USFWS-Listed Species			
Species		**USFWS Protection Status**	**Occurrence Status (Justification)**
Common name	**Scientific name**		
Yellow-billed Cuckoo	*Coccyzus americanus*	Threatened	Unlikely to occur. Suitable riparian habitat for this species is not present in the Project area. The Project area is unlikely to be used for breeding, migration or dispersal due to the scarcity of riparian trees. This species did not have occurrence records within three miles of the Project (AGFD 2024a), and was not observed during the field assessment.
Yuma Ridgway's Rail	*Rallus obsoletus yumanensis*	Endangered	Unlikely to occur. There is no suitable marsh habitat for this species in or adjacent to the Project area. This species did not have occurrence records within three miles of the Project (AGFD 2024a), and was not observed during the field assessment.
Fish			
Gila Topminnow (incl. Yaqui)	*Poeciliopsis occidentalis*	Endangered	Unlikely to occur. There is no suitable aquatic habitat for this species in the Project area. The Project area is distant from aquatic resources with habitat to support this species. This species did not have occurrence records within three miles of the Project (AGFD 2024a) and was not observed during the field assessment.
Insects			

Table C-1 USFWS-Listed Species			
Species		**USFWS Protection Status**	**Occurrence Status (Justification)**
Common name	**Scientific name**		
Monarch Butterfly	*Danaus plexippus*	Candidate	May occur. This species may be present as transients during migration or as occasional individuals passing through the Project area enroute to larval food plants or nectar resources. No milkweed (*Asclepias*) species were observed within the Project area for larval use, but nectar sources are available for foraging and migration.

Sonoran Pronghorn

The Sonoran pronghorn is a desert subspecies of pronghorn that lives in dry plains and deserts. In southwestern Arizona, they prefer broad alluvial valleys with granite mountains and mesas that separate them (USFWS, 2024a). Due to the developed nature of the Project area (immediately bordering South Mountain Loop 202 Freeway (Loop 202) and lack of suitable habitat within the Project area or surrounding areas, the Sonoran pronghorn is unlikely to pass through the Project area or to use the area for breeding or foraging purposes.

Cactus Ferruginous Pygmy-Owl

In Arizona, cactus ferruginous pygmy-owls typically occur within 1,000 to 4,000 feet elevation. Historically, cactus ferruginous pygmy-owls were documented in cottonwood-mesquite forests and mesquite riparian woodlands along the Gila and Salt Rivers and major tributaries and Sonoran desertscrub. Currently, most cactus ferruginous pygmy-owls are found in Sonoran desertscrub in southern Arizona (USFWS, 2024b). Although the proposed Project area is within elevation range for this species (just above 1,000 feet), they are not likely to occur in the Project area for nesting or foraging purposes as there is no Sonoran desertscrub or otherwise suitable habitat for cactus ferruginous pygmy-owls within the Project area.

California Least Tern

Preferred habitat for the California least tern includes salt flats, broad sandbars, and barren shores along reservoirs and wide, shallow rivers. Nesting sites are chosen based on a lack of vegetation and proximity to fishing grounds. This species will, as needed, use non-traditional locations, such as gravel-mined areas and gravel rooftops for nesting sites. The

tern is a colonial species and creates a shallow depression in the sand/gravel to create its nest. The nest is susceptible to inundation, predation, and pollution, all of which threaten the terns and their offspring (Cornell Lab of Ornithology, 2024b). Although the Project is located approximately 1.25 miles south of the Salt River, due to the lack of natural aquatic features (e.g., lakes, rivers, and streams), there is minimal foraging habitat. within or adjacent to the Project. As a result, the California least tern is unlikely to occur within the Project area or to use the area for nesting or foraging purposes.

Yellow-billed Cuckoo

The yellow-billed cuckoo is primarily found in high quality, desert riparian forest habitat dominated by native tree species, especially cottonwood and willow stands bordered by mesquite forested areas (Johnson, 2009). Yellow-billed cuckoos nest primarily in habitat dominated by native species with multistoried structure and high, dense canopies. Yellow-billed cuckoos tend to prefer nesting areas with lower overall temperature and high humidity, so tall shade trees and open water to increase humidity seem particularly important (USBR, 2008). Cuckoos generally do not use sites with canopy cover that is less than 40 percent, and greater than 65 percent is preferred. No desert riparian woodlands or other vegetated areas with suitable canopy cover exist within the immediate Project vicinity. Therefore, yellow-billed cuckoos are not likely to occur in the Project area for nesting or foraging purposes.

Yuma Ridgway's Rail

The Yuma Ridgway's rail prefers to forage and nest in wet areas with dense vegetation, such as mud-flats, sandbars, and fresh-water marshes. They prefer areas with cattail or bulrush but have been known to forage in marshes with little vegetation. Optimal habitats are mosaics of open water areas and vegetated areas, with the water being less than 12 inches deep (USFWS, 2024c). The Project is located approximately 1.25 miles south of the Salt River. However, due to the lack of aquatic features to provide foraging habitat within or adjacent to the Project, the Yuma Ridgway's rail is unlikely to use the area for nesting or foraging purposes.

Gila Topminnow

The Gila topminnow is native to the greater Gila River watershed in Arizona and New Mexico. The typical habitat of Gila topminnow includes shallow warm water, small streams or marginal areas of larger more permanent water sources, constantly flowing springs, marshes (cienegas), and permanent and intermittent streams (Magana et al., 2002). As there are no natural aquatic features (e.g., rivers and streams) within the Project area, the Gila topminnow is not likely to occur within the Project area.

Monarch Butterfly

Significant declines in the population of migrating monarch butterflies have led to widespread concern about this species and the long-term persistence of the North American

monarch migration. Augmenting larval feeding and adult nectaring opportunities are part of an international conservation effort for the monarch butterfly. Breeding habitat is characterized by the presence of milkweed species, the monarchs' host plant (Jepson et al. 2015). Suitable breeding habitat does not exist within the Project area. No milkweed species were observed in the Project area nor were monarch individuals during the habitat assessment survey. There is a low likelihood for monarch individuals to pass through, but due to the disturbed nature of the site and the surrounding areas, it is unlikely that monarch butterflies will deposit eggs within or around the Project area.

Other Special-Status Species

Other special-status species include the following:

- Eagles protected by the BGEPA.

- Birds of Conservation Concern (BCC), which are bird species, beyond those designated as federally threatened or endangered, that represent the USFWS's highest conservation priorities. The relevant BCC for this analysis is those identified by the USFWS (2021) as occurring in Bird Conservation Region (BCR) 33.

- SGCN identified by AGFD's AWCS, which are species in need of conservation efforts to preclude them from listing under the ESA. Species are scored on the following seven criteria: Extirpated Status, Federal or State Legal Status, Declining Status, Disjunct Status, Demographic Status, Concentration Status, and Distribution Status. Each criteria contains a score from "0" to "2," with "0" indicating insufficient data, "1" indicating that the vulnerability criterion is met, and "2" indicating that the species does not meet the vulnerability criterion. If a species ranks as "vulnerable" (i.e., score = "1") under one or more of the seven vulnerability criteria, it was included in the SGCN list. Species were considered to have "unknown status" if there were insufficient data to determine the species' vulnerability under one or more of the criteria (i.e., if none of the seven criteria were scored as "1," but one or more of the seven categories scored "0"). Following this initial vulnerability assessment scoring, the resulting SGCN list was further refined into three tiers (AGFD, 2022).
    - Tier 1 species are those deemed vulnerable (scored a "1") in at least one of the seven categories *and* is either federally listed as endangered or threatened under the ESA, recently removed from the ESA and currently requires post-delisting monitoring, specifically covered under a signed CCA/CCAA/Conservation Strategy and Assessment/Strategic Conservation Plan, or considered to be a closed season species (i.e., no take permitted) as identified in Arizona Game and Fish Commission Orders 40, 41, 42 or 43.

- Tier 2 species are those deemed vulnerable (scored a "1") in at least one of the seven categories but matched none of the additional criteria for Tier 1.
- Tier 3 species are those with "unknown status" in at least one of the seven categories but do not rise to the classification of Tier 2. These species are those for which status is unable to be assessed and, thus, represent priority research and information needs. As more information becomes available, their tier status will be reevaluated (AGFD, 2022).

The species in these categories (other than those also designated as federally threatened or endangered, which are addressed above) have occurrence records or predicted habitat modeled within three miles of the Project area (AGFD, 2024a) and are discussed and listed below in **Table C-2**, where they are evaluated for potential occurrence based on the results of Project area surveys, familiarity with the vicinity, and freely available information sources, including the AGFD's Heritage Data Management System (HDMS) (AGFD, 2024b); the online field guide Reptiles and Amphibians of Arizona (Brennan, 2021); the online field guide All About Birds (Cornell Lab of Ornithology, 2024a); Google Earth (2024); and the Arizona Ecological Services website and document library (USFWS 2024e).

Bald and Golden Eagles

Bald Eagle

The southwestern population of bald eagles that reside in Arizona year-round nest primarily along the Salt River and Verde River in central Arizona. Bald eagles typically build their nests within a mile of a body of water, such as a lake, river, or creek, and often place them on cliff edges, rock pinnacles, or cottonwood trees. This species was documented within three miles of the Project area (AGFD, 2024a), likely along the Salt River where bald eagles have been previously known to breed (Southwestern Bald Eagle Management Committee, 2024). Though this species may occur near the Salt River located 1.25 miles north of the Project, the Project area itself includes mostly urbanized development and agricultural land that do not provide suitable nesting habitat for bald eagles. However, this species may opportunistically feed on fish or water birds found in the urban environment at locations such as golf courses, hotels, or community lakes and ponds. Therefore, though bald eagles are unlikely to nest near the Project area, this species may occur in the vicinity for foraging purposes (see **Table C-2**). Significant impacts to bald eagles because of Project activities are not expected, and this species was not documented by KPE during the Project-specific habitat assessment in May 2024.

Golden Eagle

Golden eagles prefer rugged terrain with slopes between 18 and 28 degrees and build large stick nests on cliff ledges and other high places and may return to the same nest for several breeding seasons. The Project area is within the year-round range for golden eagles; however, there have been no documented occurrences for this species within three miles of the Project area (AGFD, 2024a). Additionally, the Project area includes mostly

urbanized development and agricultural land that does not provide suitable nesting habitat for golden eagles. Due to the absence of suitable habitat, this species is unlikely to occur in the vicinity of the Project. Impacts to golden eagle species as a result of Project activities are not expected, and this species was not documented by KPE during the Project-specific habitat assessment in May 2024.

Table C-2
Other Special-Status Species that May Occur in the Vicinity of the Project

Species		Protection Status[1]		
Common name	**Scientific name**	**ESA[2, 3]**	**Arizona SGCN[3]**	**Potential to Occur in Project area (Justification)[4]**
Amphibians				
Arizona Toad	*Anaxyrus microscaphus*	SC	2	Unlikely to occur. No suitable habitat present within Project area.
Lowland Leopard Frog	*Lithobates yavapaiensis*	SC	1	Unlikely to occur. No suitable habitat present within Project area.
Sonoran Desert Toad	*Incilius alvarius*	--	2	May occur. Suitable habitat present in western portion of the Project area for this species, which can be found relatively far from water.
Birds				
Abert's Towhee	*Melozone aberti*	--	2	Unlikely to occur. No suitable habitat present within Project area.
American Bittern	*Botaurus lentiginosus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
American Kestrel	*Falco sparverius*	--	2	May occur. Suitable foraging habitat present in western portion of the Project area.
American Peregrine Falcon	*Falco peregrinus anatum*	SC	1	May occur. Suitable foraging habitat present in western portion of the Project area.
American Pipit	*Anthus rubescens*	--	2	May occur. Suitable agricultural habitat present in western portion of the Project area.
Bald Eagle	*Haliaeetus leucocephalus*	SC, BGA	1	May occur. Potentially suitable foraging habitat present in the Project area.
Bendire's Thrasher	*Toxostoma bendirei*	BCC	2	May occur. Suitable agricultural habitat present in western portion of the Project area.
Black-bellied Whistling Duck	*Dendrocygna autumnalis*	--	2	Unlikely to occur. The Project area does not contain suitable freshwater habitat with vegetation.
Brewer's Sparrow	*Spizella breweri*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Broad-billed Hummingbird	*Cynanthus latirostris*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Bullock's Oriole	*Icterus bullockii*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Cactus Wren	*Campylorhynchus brunneicapillus*	--	2	Unlikely to occur. The Project area does not contain suitable habitat nor nesting substrates for this species.
Chestnut-collared Longspur	*Calcarius ornatus*	--	2	Unlikely to occur. No suitable habitat present within Project area.

Table C-2
Other Special-Status Species that May Occur in the Vicinity of the Project

Species		Protection Status[1]		
Common name	**Scientific name**	**ESA[2, 3]**	**Arizona SGCN[3]**	**Potential to Occur in Project area (Justification)[4]**
Costa's Hummingbird	*Calypte costae*	BCC	2	May occur. Suitable landscape/ornamental vegetation present.
Ferruginous Hawk	*Buteo regalis*	SC	2	Unlikely to occur. No suitable habitat present within Project area.
Gila Woodpecker	*Melanerpes uropygialis*	BCC	2	Unlikely to occur. No suitable habitat present within Project area.
Gilded Flicker	*Colaptes chrysoides*	BCC	2	Unlikely to occur. No suitable habitat nor nesting substrates present.
Golden Eagle	*Aquila chrysaetos*	BGA	2	Unlikely to occur. No suitable habitat present in vicinity of Project area.
Gray Flycatcher	*Empidonax wrightii*	--	2	Unlikely to occur. No suitable habitat present in vicinity of Project area.
Harris's Hawk	*Parabuteo unicinctus*	--	2	Unlikely to occur. No suitable habitat present in vicinity of Project area.
Hermit thrush	*Catharus guttatus*	--	2	Unlikely to occur. The Project area does not contain suitable habitat.
Hooded oriole	*Icterus cucullatus*	--	2	May occur. Suitable landscape/ornamental vegetation present.
Inca Dove	*Columbina inca*	--	2	Unlikely to occur. No suitable habitat present in vicinity of Project area.
Killdeer	*Charadrius vociferus*		2	May occur. Suitable agricultural habitat present in western portion of the Project area.
LeConte's Thrasher	*Toxostoma lecontei*	BCC	2	Unlikely to occur. No suitable habitat present in vicinity of Project area.
Lincoln's Sparrow	*Melospiza lincolnii*	--	2	Unlikely to occur. No suitable habitat present in vicinity of Project area.
Loggerhead Shrike	*Lanius ludovicianus*	SC	2	May occur. Suitable foraging habitat present in western portion of the Project area.
Northern harrier	*Circus hudsonius*	--	2	May occur. Suitable foraging habitat present in western portion of the Project area.
Prairie Falcon	*Falco mexicanus*	--	2	May occur. Suitable foraging habitat present in western portion of the Project area.
Red-winged Blackbird	*Agelaius phoeniceus*	ST	2	May occur. Suitable foraging habitat present in western portion of the Project area.
Savannah Sparrow	*Passerculus sandwichensis*	--	2	May occur. Suitable foraging habitat present in western portion of the Project area.

Table C-2
Other Special-Status Species that May Occur in the Vicinity of the Project

Species		Protection Status[1]		
Common name	**Scientific name**	**ESA[2, 3]**	**Arizona SGCN[3]**	**Potential to Occur in Project area (Justification)[4]**
Sprague's Pipit	*Anthus spragueii*	SC	2	Unlikely to occur. No suitable habitat present within Project area.
Swainson's Hawk	*Buteo swainsoni*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Swainson's Thrush	*Catharus ustulatus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Verdin	*Auriparus flaviceps*	BCC	2	Unlikely to occur. No suitable habitat present within Project area.
Vesper Sparrow	*Pooecetes gramineus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Western Burrowing Owl	*Athene cunicularia hypugaea*	SC, BCC	2	May occur. Suitable agricultural habitat present in western portion of Project area.
Western Screech-Owl	*Megascops kennicottii*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Yellow-billed Cuckoo (Western Distinct Population Segment [DPS])	*Coccyzus americanus*	LT	1	Unlikely to occur. Suitable riparian habitat for this species is not present in the Project area.
Reptiles				
Regal Horned Lizard	*Phrynosoma solare*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Sonoran Desert Tortoise	*Gopherus morafkai*	CCA	1	Unlikely to occur. No suitable habitat present within Project area.
Variable Sandsnake	*Chilomeniscus stramineus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Mammals				
Arizona Pocket Mouse	*Perognathus amplus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Brazilian Free-tailed Bat	*Tadarida brasiliensis*	--	2	May occur. Suitable building roosting habitat within the Project area.
California Leaf-nosed Bat	*Macrotus californicus*	SC	2	Unlikely to occur. No suitable habitat present within Project area.
Cave Myotis	*Myotis velifer*	SC	2	May occur. Suitable bridge roosting habitat within the Project area.
Gray-collared Chipmunk	*Neotamias cinereicollis*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Greater Western Bonneted Bat	*Eumops perotis californicus*	SC	2	Unlikely to occur. No suitable habitat present within Project area.
Hoary Bat	*Lasiurus cinereus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Pocketed Free-tailed Bat	*Nyctinomops femorosaccus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Southwestern Myotis	*Myotis auriculus*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Western Red Bat	*Lasiurus blossevillii*	--	2	Unlikely to occur. No suitable habitat present within Project area.
Western Yellow Bat	*Lasiurus xanthinus*	--	2	May occur. The species could utilize the Project area for foraging.

Table C-2
Other Special-Status Species that May Occur in the Vicinity of the Project

Species		Protection Status[1]		
Common name	**Scientific name**	**ESA[2, 3]**	**Arizona SGCN[3]**	**Potential to Occur in Project area (Justification)[4]**
Yuma Myotis	*Myotis yumanensis*	SC	2	Unlikely to occur. No suitable habitat present within Project area.

[1]LT=Listed Threatened, SC=Species of Concern, CCA= Candidate Conservation Agreement, BCC=Bird of Conservation Concern, BGA=Bald and Golden Eagle Protection Act protected, 1 = Tier 1 and deemed vulnerable in Arizona in at least one of seven assessment criterion AND matches one of the following criterion; federally listed as endangered or threatened under the ESA, recently removed from ESA and currently required post-delisting monitoring, specifically covered under a signed conservation agreement such as CCA or a CCAA or a Conservation Strategy and Assessment or Strategic Conservation Plan, or is a closed season species (no take permitted), 2 = Tier 2 and deemed vulnerable in Arizona in at least one of seven assessment criterion but matches none of the additional criterion for Tier 1. *Some special-status species listed in this table do not have status listed for the federal ESA or Arizona SGCN but have a special status with another agency, such as USFS, and therefore are included in this list.*
[2] USFWS, 2024d
[3] AGFD, 2024a, b,

Birds of Conservation Concern (BCC)

The Project is located in BCR 33, the Sonoran Desert BCR, for which 27 BCC species are listed (USFWS, 2021). Seven of the 27 BCC species listed for the Sonoran Desert BCR were noted as having predicted range models that may intersect with the Project area (AGFD 2024a). Of these, it was determined that only three BCC species may actually occur in proximity to the Project following the Project's in-field habitat assessment: Bendire's thrasher, Costa's hummingbird, and western burrowing owl which are described below.

Bendire's Thrasher

Bendire's thrasher can be found in open desert scrub habitats including arid grasslands. Because Bendire's thrashers have the potential to utilize agricultural habitats for nesting and foraging, this species may occur in the western portion of the Project area. However, no nests nor individuals of this species were observed during the field habitat assessment.

Costa's Hummingbird

Costa's hummingbird occurs in desert scrub in the Sonoran and Mojave deserts and chapparal and sage scrub areas in coastal California. During the nonbreeding season, they use similar dry habitats for foraging as well as parks, gardens, and higher elevation mountains. The Project area is within the breeding range for Costa's hummingbird, and this species has been documented within three miles of the Project area. Due to the presence of residential landscaping and gardens providing nectar sources, this species may occur toward the eastern portion of the Project area for nesting or foraging. However, no nests nor individuals of this species were observed during the field habitat assessment.

Western Burrowing Owl

The western burrowing owl prefers arid habitats with short grass or bare soil, such as grasslands, deserts, and steppe environments. This species may occur within burrows created by prairie dogs, ground squirrels, badgers, or tortoises, as well as the edges of ditches along roads in agricultural areas. This species is considered a USFWS Species of

Concern and has a status as AGFD SGCN 2. It also receives federal protection by the USFWS under the MBTA and by Arizona state law (Arizona Revised Statutes [ARS] Title 17). The Project area is within the year-round range for western burrowing owl, and this species has been documented within three miles of the Project area. Due to the presence of suitable habitat, this species may occur toward the western portion of the Project area for nesting or foraging. In addition, discussions with stakeholders and members of the public have described western burrowing owl being present along the Laveen Area Conveyance Canal berms. However, no signs of habitation and no burrowing owl individuals were observed during the field habitat assessment.

Species of Greatest Conservation Need

The AGFD Online Environmental Review Tool identified five species of greatest conservation need with Tier 1 status (three birds, one amphibian, and one reptile) predicted to occur within three miles of the Project (AGFD, 2024a). Of these five species, two may occur (two bird species) in proximity to the Project area, based on the results of the Project field assessment, familiarity with the vicinity, and freely available information sources (**Table C-2**): the American peregrine falcon and the bald eagle. Both species have documented occurrences within three miles of the Project per the AGFD Online Environmental Review Tool (AGFD, 2024a). A description for the American peregrine falcon is provided below, and a description for the bald eagle is provided above under "Other Special-Status Species".

American Peregrine Falcon

The American peregrine falcon occupies a wide variety of open habitats from tundra to desert mountains. Nesting and wintering habitats are varied, including wetlands, woodlands, forests, cities, and agricultural habitats. The Project area is within the year-round distribution range for this species, and there have been documented occurrences within three miles of the Project area (AGFD, 2024a). Due to the presence of agricultural habitat, the American peregrine falcon may occur towards the western portion of the Project area for foraging purposes. However, no nests nor individuals of this species were documented during the field habitat assessment.

The AGFD Online Environmental Review Tool identified 52 species of greatest conservation need with Tier 2 status (two amphibians, 36 birds, two reptiles, and 12 mammals) predicted to occur within three miles of the Project. Of these, 16 (one amphibian, 12 birds, and three mammals) may occur in proximity to the Project area based on the results of the field assessment: Sonoran desert toad, American kestrel, American pipit, Bendire's thrasher, Costa's hummingbird, hooded oriole, killdeer, loggerhead shrike, northern harrier, prairie falcon, red-winged blackbird, savannah sparrow, western burrowing owl, Brazilian free-tailed bat, cave myotis, and western yellow bat. No individuals of these species were observed during the field assessment. Potential impacts to special-status species are addressed within *Other Special-Status Species* within the "Summary of Potential Effects" section.

Protected Native Plants

The Arizona Native Plant Law (A.R.S. § 3-904) (ANPL) identifies a lengthy list of plant species—largely cacti, agaves, yuccas, and desert trees—that are susceptible to removal for collection, landscaping, sale, or other commercial uses. The ANPL states that these plants shall not be taken, transported, or possessed from any land without permission and a permit from the ADA; it also requires notification prior to land clearing even if the plants would be destroyed. The proposed 230 kilovolt (kV) transmission lines are not located in areas with native vegetation.

Of the 30 special-status plant species recorded in the AGFD HDMS having some potential to occur within Maricopa County, none have been recorded in or within three miles of the Project (AGFD, 2024b). Additionally, the elevation of the Project is outside of the range for these plants, and there is no suitable habitat.

Noxious Weeds

The State of Arizona maintains a list of noxious weeds in three categories: Class A, Class B, and Class C. Class A species are those that are not known to occur in Arizona, are of limited distribution, and are of high priority for quarantine, control, or mitigation. Class B noxious weeds are species known to occur but are of limited distribution in Arizona and may be high-priority pests for quarantine, control, or mitigation if a significant threat to crop, commodity, or habitat exists. Class C noxious weeds are species of plants that are widespread but may be recommended for active control based on risk assessment. Weed species are expected to occur within disturbed and agricultural areas on the western portion of the Project. Non-native species observed in proximity to these areas included stinknet (*Oncosiphon pilulifer*), Russian thistle (*Salsola tragus*), sandbur (*Cenchrus* sp.), Saharan mustard (*Brassica tournefortii*), tamarisk (*Tamarix* sp.), prickly lettuce (*Lactuca serriola*) and acacia (*Acacia* sp.). Saharan mustard, stinknet, sandbur, and tamarisk are listed as Arizona noxious weeds.

Summary of Potential Effects

Potential impacts to special-status species related to the construction of the Project could include displacement of individuals from the construction area, possible abandonment of nests due to construction activities, injury or death from vehicle strikes during construction, collision or electrocution risk with power lines, temporary impacts on foraging behaviors in adjacent habitat, and noise-related disturbance. Project work areas are expected to be very small and vehicle speed would be limited to 15 miles per hour (mph), reducing the potential for injury or death to special-status species during construction due to vehicle strikes. The proposed 230 kV transmission lines would be constructed following industry suggested practices aimed at reducing avian collisions and electrocutions (Avian Power Line Interaction Committee [APLIC] 2012). With the incorporation of SRP's proposed measures (**Table C-3**), construction activities along the proposed 230 kV transmission lines are anticipated to have minimal impacts on the western burrowing owl and other special-status species that may be encountered.

Areas of Biological Wealth

The Project does not overlap with any areas of biological wealth. Residential, commercial, and agricultural development, along with Loop 202 and other local roads and infrastructure, has converted and degraded areas of natural vegetation (wildlife habitat). The Project would permanently impact a very small area of previously degraded riparian habitat, and the majority of the Project-related impacts would be temporary and short-term in nature. No wildlife corridors, wetlands, riparian areas, nor IBAs are located within or adjacent to the Project.

Federally Listed Threatened and Endangered Species

No suitable habitat occurs within the Project area for the following species that are listed under the ESA or are candidates for listing—Sonoran pronghorn, cactus ferruginous pygmy-owl, California least tern, yellow-billed cuckoo, Yuma Ridgway's rail, or Gila topminnow—and these species would be unlikely to occur and, therefore, would not be impacted.

Although there is low likelihood for monarch individuals to pass through due to the disturbed nature of the site and the surrounding areas, the species may occur. Monarch butterfly habitat comprises milkweed, which is used exclusively for reproduction, and floral nectar resources for adult food sources. No milkweed was observed during the Project surveys; however, monarch butterflies may use flowering plants in the Project for foraging. As such, impacts to this species would be minor. Individual monarch butterflies may experience injury, change of behavior, and loss of foraging habitat as a result of the Project. Individual monarch butterflies would be expected to largely shift activity to nearby suitable habitat.

Other Special-Status Species

The following sections address the potential effects from development of the Project components to special-status species that may occur within the Project area.

Special-Status Mammal Species

Suitable roosting habitat for the Brazilian free-tailed bat and cave myotis may occur in the form of bridges and abandoned buildings in proximity to the Project area. Indirect impacts to bats using bridges or abandoned buildings as day roosts could include noise impacts, leading to behavior changes or loss of fitness for individuals. Potential noise-related impacts would be short-term and negligible as Project-related noise would not exceed the typical noise levels of Loop 202. Impacts to Brazilian free-tailed bat and cave myotis are not expected due to the highly disturbed nature of the existing Project area. Work areas would occur outside of the right-of-way (ROW) for the Arizona Department of Transportation, and bridge work is not anticipated as a part of Project activities. Therefore, no impacts would be expected to any Brazilian free-tailed bats or cave myotis that may occur in the Project area.

Project activities would remove minor agricultural irrigation, which may decrease the suitability of the area for foraging by insectivorous bat species. Western yellow bats that may occur via foraging have the potential to be negatively impacted by decreased prey availability as a result of agricultural vegetation removal. However, because the Project area is largely disturbed by agriculture, infrastructure, and development, any loss of vegetation from construction activities would not contribute meaningfully to habitat fragmentation for special-status mammals or decrease connectivity between habitat patches. Due to the proximity to urbanization and more suitable prey availability occurring within habitat further outside of the Project area, impacts to the species as a result of agricultural irrigation removal are expected to be minor. As a result, no impacts would be expected to any western yellow bats that may occur in the Project area.

Bat species can collide with human-made structures during long-distance migration. Migrating bats often fly high above ground level and do not actively echolocate. However, during normal foraging activity, bats actively use echolocation and are typically able to detect and avoid features such as overhead transmission lines (Arnett et al., 2015). No information suggests that transmission lines in a setting such as the Project area would pose a risk to bats. Construction is not anticipated to occur at night; however, if it does in certain cases, those activities at night would increase light pollution and human presence in the Project area and would impact bat activity patterns. The increase of nighttime lighting in the Project area has the potential to attract insects, which could have minor beneficial impacts to some bat species as their food source increased. However, some bat species would likely shift their foraging activities away from construction and additional light. The negative impacts would likely be minor because foraging habitat for insectivorous species occurs outside of the Project area.

Special-Status Bird Species

Bald eagles may forage in proximity to the Project area near agricultural fields and areas containing water features and may opportunistically feed on carrion via roads and highways, though the likelihood of this type of occurrence is low. Bald eagles foraging within the Project ROW would likely flee at the onset of construction. Additionally, a 15-mph speed limit would be implemented along the Project ROW to mitigate any potential impacts to this species. If a bald eagle is discovered in the area, on-site personnel would contact SRP's Avian Protection Program for steps to take to ensure the species is protected. As a result, no significant impacts are expected to potentially foraging bald eagles as a result of construction activities.

American peregrine falcon may utilize agricultural habitat within the Project area for foraging, though the likelihood of this type of occurrence is low. Peregrine falcons foraging within the Project ROW would likely flee at the onset of construction. Additionally, a 15-mph speed limit would be implemented along the Project ROW to mitigate any potential impacts to this species. If an individual of this species is discovered in the area, on-site personnel would contact SRP's Avian Protection Program for steps to take to ensure the species is protected. As a result, no significant impacts are expected to potentially foraging American peregrine falcons as a result of construction activities.

Suitable habitat for western burrowing owl exists within the western portion of the Project area, and this species has been documented within three miles of the anticipated work areas. Potential impacts to western burrowing owl related to the construction of the Project could include displacement of individuals from the construction area, possible abandonment of burrows due to construction activities, injury or death from vehicle strikes during construction, temporary impacts on foraging behaviors in adjacent habitat, and noise-related disturbance. In order to mitigate potential impacts to western burrowing owl, a pre-construction protocol survey would be conducted *30 days prior to construction* for active burrows occupied by western burrowing owl and other bird nests protected under the MBTA. Should an active burrowing owl burrow be detected, SRP's Avian Protection Program would coordinate with AGFD and USFWS as appropriate. If active burrows and/or nests cannot be avoided, on-site personnel would contact the SRP Avian Protection Program for steps to take to ensure the nesting birds are protected. SRP would work with the AGFD, USFWS, and wildlife rehabilitators should western burrowing owls need to be relocated. Therefore, direct impacts associated with the Project would constitute a short-term minor impact on western burrowing owl. With implementation of mitigation, construction activities along the proposed 230 kV transmission lines are anticipated to have minimal impacts on the western burrowing owl.

Potential impacts to special-status bird species could include changes in behavior due to Project-related noise, vibration, and the presence of workers and equipment; loss of breeding and foraging habitat; and impacts to nesting species. Potential impacts to nesting birds and their eggs covered under the MBTA would be avoided and/or minimized either by limiting ground-clearing/vegetation removal activities to outside the breeding season (generally March–September with raptors breeding generally January–June) or through surveys to identify active nests and placement of buffers around those active nests until the young fledge or the nest fails. As a result, no significant impacts are expected to special-status bird species as a result of construction activities.

Transmission lines can pose a collision risk to birds (APLIC, 2012). However, many factors influence whether birds are likely to collide with a specific transmission line. Collision risk is relatively low when multiple transmission lines are co-located or placed near other infrastructure (APLIC, 2012). The Project would be constructed in an area with numerous existing transmission lines and would be unlikely to contribute to an increase in bird mortality within the Project Area. To minimize that risk, the Applicant would construct the proposed transmission line following the guidelines outlined in the current version of the APLIC *Suggested Practices for Avian Protection on Powerlines and Reducing Avian Collisions with Power Lines* manuals. Electrical transmission and distribution lines can also cause bird electrocution, although the risk is highest with lower voltage lines. Electrocution occurs when a bird simultaneously contacts energized and grounded electrical components. High-voltage lines require spacing between those components that cannot be spanned even by very large birds so that electrocution risk is precluded almost entirely (APLIC, 2006).

Special-Status Reptile Species

The Project would have no impact on special-status reptile species because no habitat for special-status reptile species is present in the Project area.

Special-Status Amphibian Species

Potential impacts to Sonoran Desert toad include death, injury, or impacts arising from behavior changes and would be similar to those described for terrestrial mammals. Potential impacts from the loss, degradation, and fragmentation of amphibian habitat from Project activities would be the same as those described for terrestrial mammals.

Special-Status Fish Species

The Project would have no impact on special-status fish species because no habitat for special-status fish species is present in the Project area. Project activities would not impact perennial water outside of the Project area, including the Salt River – Saguaro Lake to Gila River Riparian Movement Area. The only mapped historically riparian area in the Project vicinity is a small corridor along the southern terminus of the proposed Project area that is now occupied by agricultural operations and development. Project activities would not impact this area.

Protected Native Plants

Of the 30 special-status plant species having some potential to occur within Maricopa County (AGFD, 2024b), none have been recorded in or within three miles of the Project (AGFD, 2024a). Additionally, the elevation of the Project is outside of the range for these plants, and there is no suitable habitat. Therefore, the Project would have no direct or indirect impacts on threatened, endangered, and state-protected plants.

Noxious Weeds

Measures would be taken to avoid introducing or spreading noxious weeds in the Project area; and therefore the Project would be unlikely to contribute to an increase of noxious weeds, in extent or abundance, in the vicinity of the Project (**Table C-3**).

Mitigation Measures

The proposed 230 kV transmission lines are in the vicinity of a major freeway, Loop 202, and are entirely within a developed area containing no natural habitat. The disturbances associated with construction of the proposed 230 kV transmission lines would occur in previously disturbed areas. The proposed Project is not likely to significantly affect any rare, endangered, or other special-status species. Implementation of mitigation measures (**Table C-3**) would ensure avoidance and minimization of potential risk to wildlife, and the risk that electrical infrastructure poses to birds would be addressed by following industry suggested practices as design features for the Project.

Table C-3 **SRP Proposed Measures**
BIOLOGICAL RESOURCES
Vegetation
Adverse effects on vegetation during construction would be minimized as follows:
• Prohibit vehicle operation off designated routes by construction workers, including construction work and employee access. • Existing access roads would be used to the maximum extent allowable.
The following prescriptions would prevent the spread of invasive weeds into previously uninfested areas in the designated construction ROW.
• In advance of construction activities, all construction equipment arriving on site would have the tires, axles, frame, running boards, under-carriages, and any equipment parts designed to hold soil or rock washed and cleaned to prevent transport of invasive weed species into Project areas.
Wildlife
Construction activities and vehicle operation would be conducted to minimize potential impacts or disturbance of wildlife.
• Speed limits along the ROW and access roads would be limited to 15 mph. In addition, construction and maintenance employees would exercise caution when traveling to and from the proposed ROW site on designated routes to reduce the potential for wildlife mortality. • During construction, work areas would be checked for animals before daily work is initiated to minimize harm. • Construction would review the AGFD's *Wildlife Compatible Fencing Guidelines* during fence construction to reduce potential impacts to wildlife by preventing potential wildlife entanglement and impalement and ensuring that wildlife movement is not restricted.
Design would minimize electrocution and collision potential for birds.
• Design would space conductors and shield wires sufficiently apart so that large-bodied birds cannot contact two conductors or one conductor and a shield wire to cause electrocution as outlined in *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006* and *Reduced Avian Collisions with Power Lines: The State of the Art in 2012* (APLIC, 2006; 2012).
Implement conservation measures to decrease the likelihood of take of special-status wildlife species and impacts to critical habitat.
• Minimize habitat degradation by limiting travel to existing roads and surface disturbance to previously disturbed areas.
• Conduct pre-construction burrowing owl survey within 30 days prior to the commencement of construction activities during the burrowing owl nesting season for active burrows occupied by western burrowing owl and other bird nests protected under the MBTA. If an active burrowing owl burrow is detected, SRP's Avian Protection Program would coordinate with the AGFD and USFWS as appropriate.
• If construction would occur during the nesting season, a pre-construction migratory bird nest survey would be conducted within 30 days prior to the commencement of construction activities to ensure that any active nests are avoided. If an active nest is discovered, on-site personnel would contact SRP's Avian Protection Program for steps to take to ensure the nesting birds are protected.
• Should wildlife be encountered within the Project area, the individual(s) would be relocated no more than 0.25 mile outside of the Project area into similar habitat.

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EXHIBIT C-1
USFWS IPAC RESULTS

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Maricopa County, Arizona



Local office

Arizona Ecological Services Field Office

(602) 242-0210
(602) 242-2513

9828 North 31st Ave
#c3
Phoenix, AZ 85051-2517

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Sonoran Pronghorn Antilocapra americana sonoriensis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/4750	EXPN

Birds

NAME	STATUS

NOT FOR CONSULTATION

Cactus Ferruginous Pygmy-owl Glaucidium brasilianum cactorum Wherever found There is **final** critical habitat for this species. https://ecos.fws.gov/ecp/species/1225	Threatened
California Least Tern Sternula antillarum browni Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8104	Endangered
Yellow-billed Cuckoo Coccyzus americanus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/3911	Threatened
Yuma Ridgway's Rail Rallus obsoletus yumanensis Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/3505	Endangered

Fishes

NAME	STATUS
Gila Topminnow (incl. Yaqui) Poeciliopsis occidentalis Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1116	Endangered

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

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Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act[1] and the Migratory Bird Treaty Act[2].

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats[3], should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

There are likely bald eagles present in your project area. For additional information on bald eagles, refer to Bald Eagle Nesting and Sensitivity to Human Activity

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Aug 31
Golden Eagle *Aquila chrysaetos* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Dec 1 to Aug 31

NOT FOR CONSULTATION

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there

were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

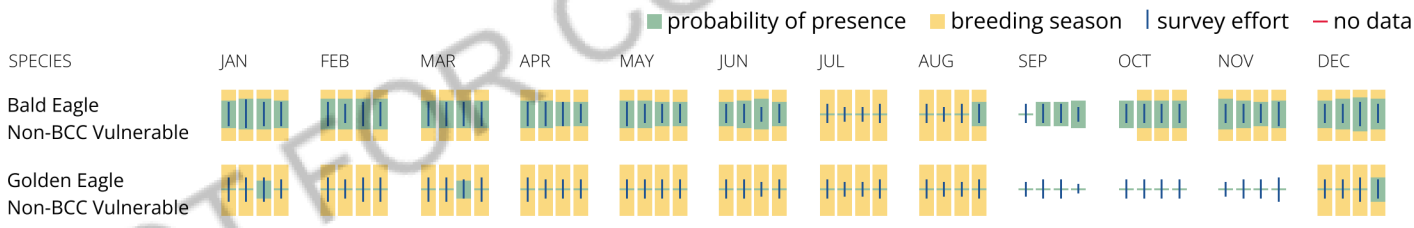
Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION



What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply). To see a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats[3] should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/ documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Avocet Recurvirostra americana This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Apr 21 to Aug 10
Bald Eagle Haliaeetus leucocephalus This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Aug 31

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Bendire's Thrasher Toxostoma bendirei This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9435	Breeds Mar 15 to Jul 31
Clark's Grebe Aechmophorus clarkii This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jun 1 to Aug 31
Costa's Hummingbird Calypte costae This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9470	Breeds Jan 15 to Jun 10
Gila Woodpecker Melanerpes uropygialis This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/5960	Breeds Apr 1 to Aug 31
Golden Eagle Aquila chrysaetos This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Dec 1 to Aug 31
Grace's Warbler Setophaga graciae This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 20 to Jul 20
Lawrence's Goldfinch Spinus lawrencei This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464	Breeds Mar 20 to Sep 20
Long-eared Owl asio otus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3631	Breeds Mar 1 to Jul 15
Western Grebe aechmophorus occidentalis This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/6743	Breeds Jun 1 to Aug 31

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Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

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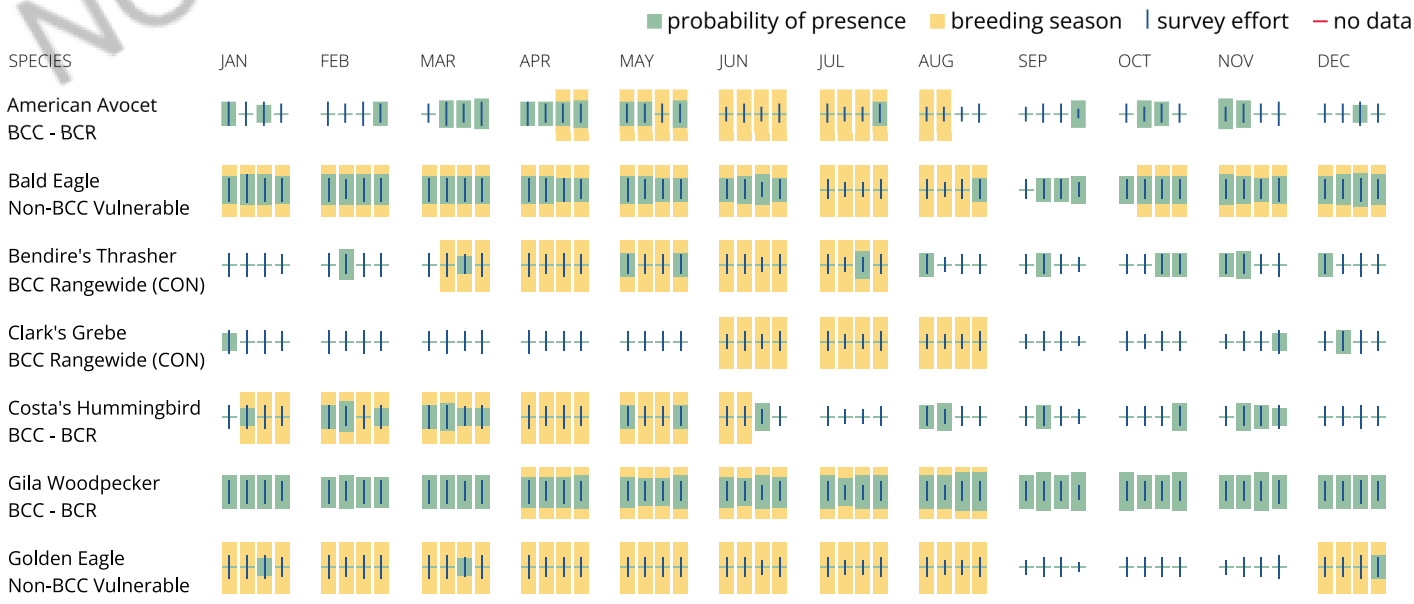

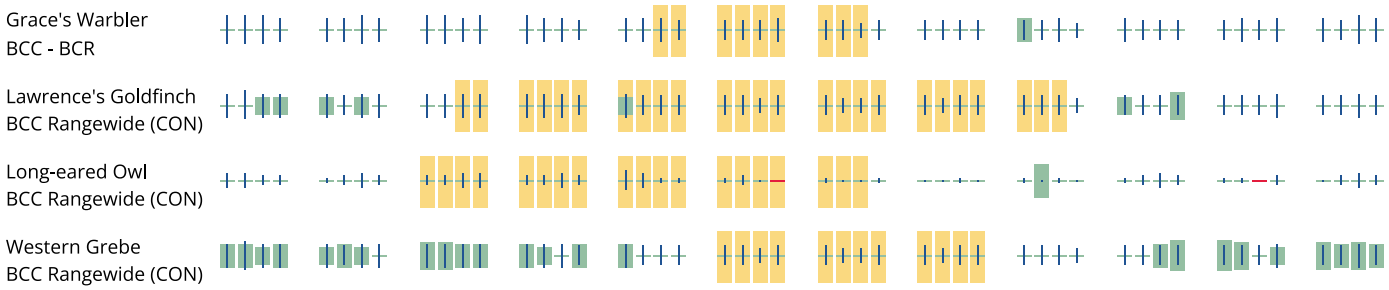

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

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Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

RIVERINE

R5UBFx

A full description for each wetland code can be found at the National Wetlands Inventory website

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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EXHIBIT C-2
AGFD ONLINE ENVIRONMENTAL REVIEW TOOL RESULTS

Arizona Environmental Online Review Tool Report

Arizona Game and Fish Department Mission
To conserve Arizona's diverse wildlife resources and manage for safe, compatible outdoor recreation opportunities for current and future generations.

Project Name:

South Mountain Transmission Project

Project Description:

South Mountain Transmission Project includes two sets of approximately 4-5 miles of new overhead double-circuit 230 kV transmission lines, connecting the New Laveen Substation to the existing Cheatham Substation.

Project Type:

Energy Production/Storage/Transfer, Energy Transfer, Power line/electric line (new)

Contact Person:

Gabriella Glener

Organization:

KP Environmental

On Behalf Of:

CONSULTING

Project ID:

HGIS-22423

Please review the entire report for project type and/or species recommendations for the location information entered. Please retain a copy for future reference.

Disclaimer:

1. This Environmental Review is based on the project study area that was entered. The report must be updated if the project study area, location, or the type of project changes.
2. This is a preliminary environmental screening tool. It is not a substitute for the potential knowledge gained by having a biologist conduct a field survey of the project area. This review is also not intended to replace environmental consultation (including federal consultation under the Endangered Species Act), land use permitting, or the Departments review of site-specific projects.
3. The Departments Heritage Data Management System (HDMS) data is not intended to include potential distribution of special status species. Arizona is large and diverse with plants, animals, and environmental conditions that are ever changing. Consequently, many areas may contain species that biologists do not know about or species previously noted in a particular area may no longer occur there. HDMS data contains information about species occurrences that have actually been reported to the Department. Not all of Arizona has been surveyed for special status species, and surveys that have been conducted have varied greatly in scope and intensity. Such surveys may reveal previously undocumented population of species of special concern.
4. Arizona Wildlife Conservation Strategy (AWCS), specifically Species of Greatest Conservation Need (SGCN), represent potential species distribution models for the State of Arizona which are subject to ongoing change, modification and refinement. The status of a wildlife resource can change quickly, and the availability of new data will necessitate a refined assessment.

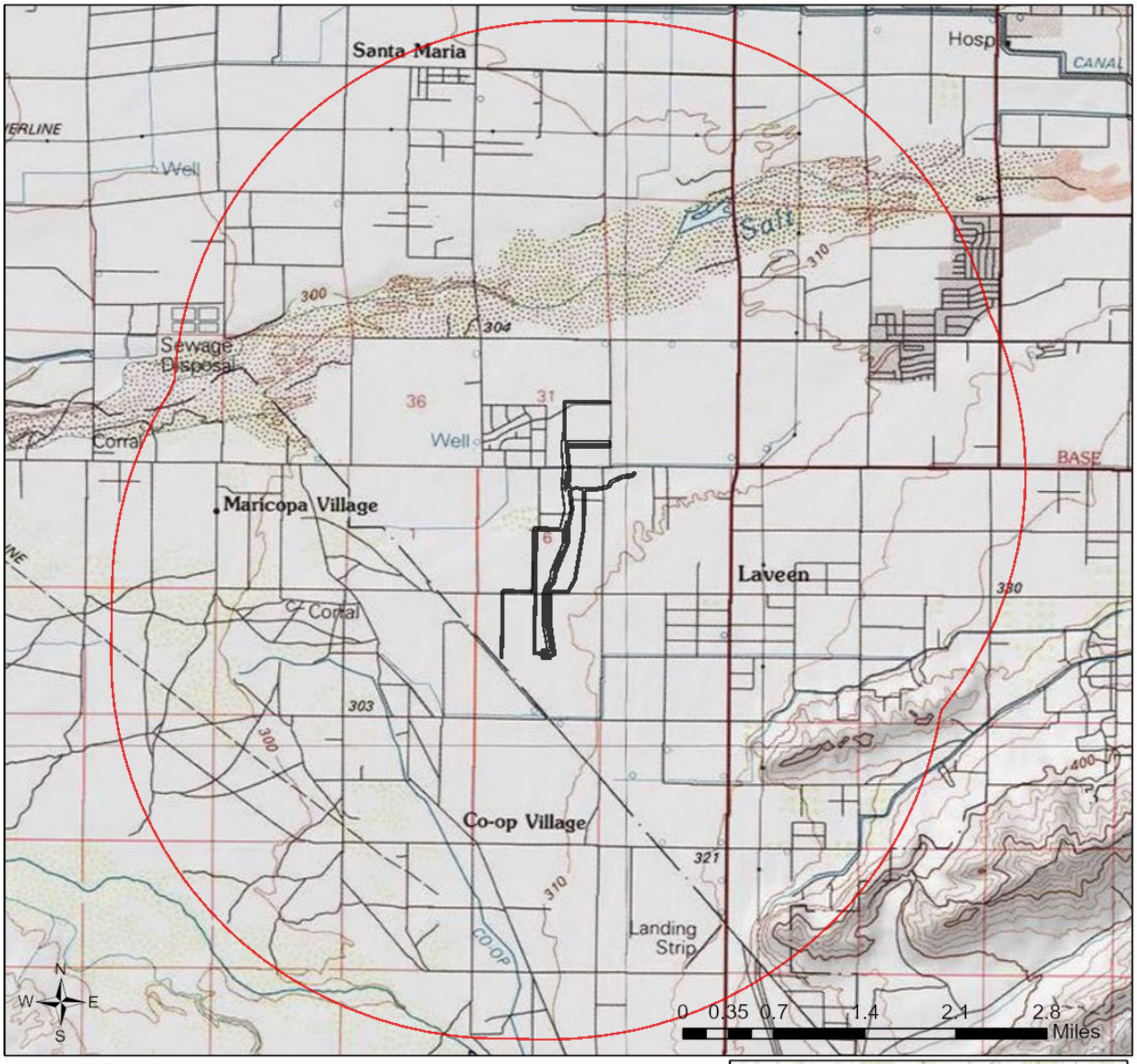
Locations Accuracy Disclaimer:
Project locations are assumed to be both precise and accurate for the purposes of environmental review. The creator/owner of the Project Review Report is solely responsible for the project location and thus the correctness of the Project Review Report content.

Recommendations Disclaimer:

1. The Department is interested in the conservation of all fish and wildlife resources, including those species listed in this report and those that may have not been documented within the project vicinity as well as other game and nongame wildlife.
2. Recommendations have been made by the Department, under authority of Arizona Revised Statutes Title 5 (Amusements and Sports), 17 (Game and Fish), and 28 (Transportation).
3. Potential impacts to fish and wildlife resources may be minimized or avoided by the recommendations generated from information submitted for your proposed project. These recommendations are preliminary in scope, designed to provide early considerations on all species of wildlife.
4. Making this information directly available does not substitute for the Department's review of project proposals, and should not decrease our opportunity to review and evaluate additional project information and/or new project proposals.
5. Further coordination with the Department requires the submittal of this Environmental Review Report with a cover letter and project plans or documentation that includes project narrative, acreage to be impacted, how construction or project activity(s) are to be accomplished, and project locality information (including site map). Once AGFD had received the information, please allow 30 days for completion of project reviews. Send requests to:
   Project Evaluation Program, Habitat Branch
   Arizona Game and Fish Department
   5000 West Carefree Highway
   Phoenix, Arizona 85086-5000
   Phone Number: (623) 236-7600
   Fax Number: (623) 236-7366
   Or
   PEP@azgfd.gov
6. Coordination may also be necessary under the National Environmental Policy Act (NEPA) and/or Endangered Species Act (ESA). Site specific recommendations may be proposed during further NEPA/ESA analysis or through coordination with affected agencies.

South Mountain Transmission Project

USA Topo Basemap With Locator Map



Buffered Project Boundary

Project Boundary



Project Size (acres): 106.56

Lat/Long (DD): 33.3747 / -112.1861

County(s): Maricopa

AGFD Region(s): Mesa

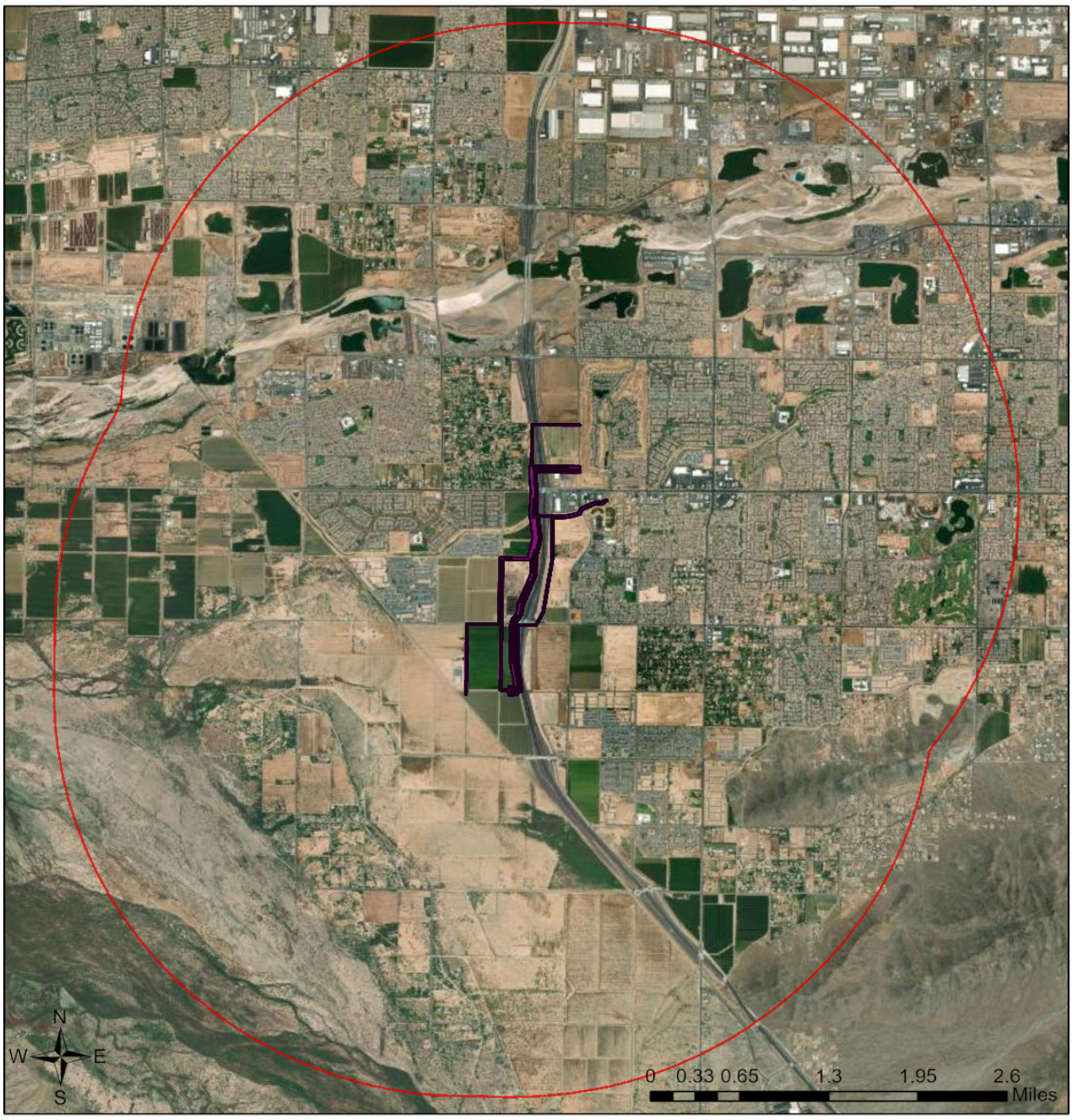
Township/Range(s): T1N, R2E; T1S, R2E

USGS Quad(s): FOWLER; LAVEEN

County of Yavapai, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS
Copyright:© 2013 National Geographic Society, i-cubed
Esri, USGS

South Mountain Transmission Project

Web Map As Submitted By User



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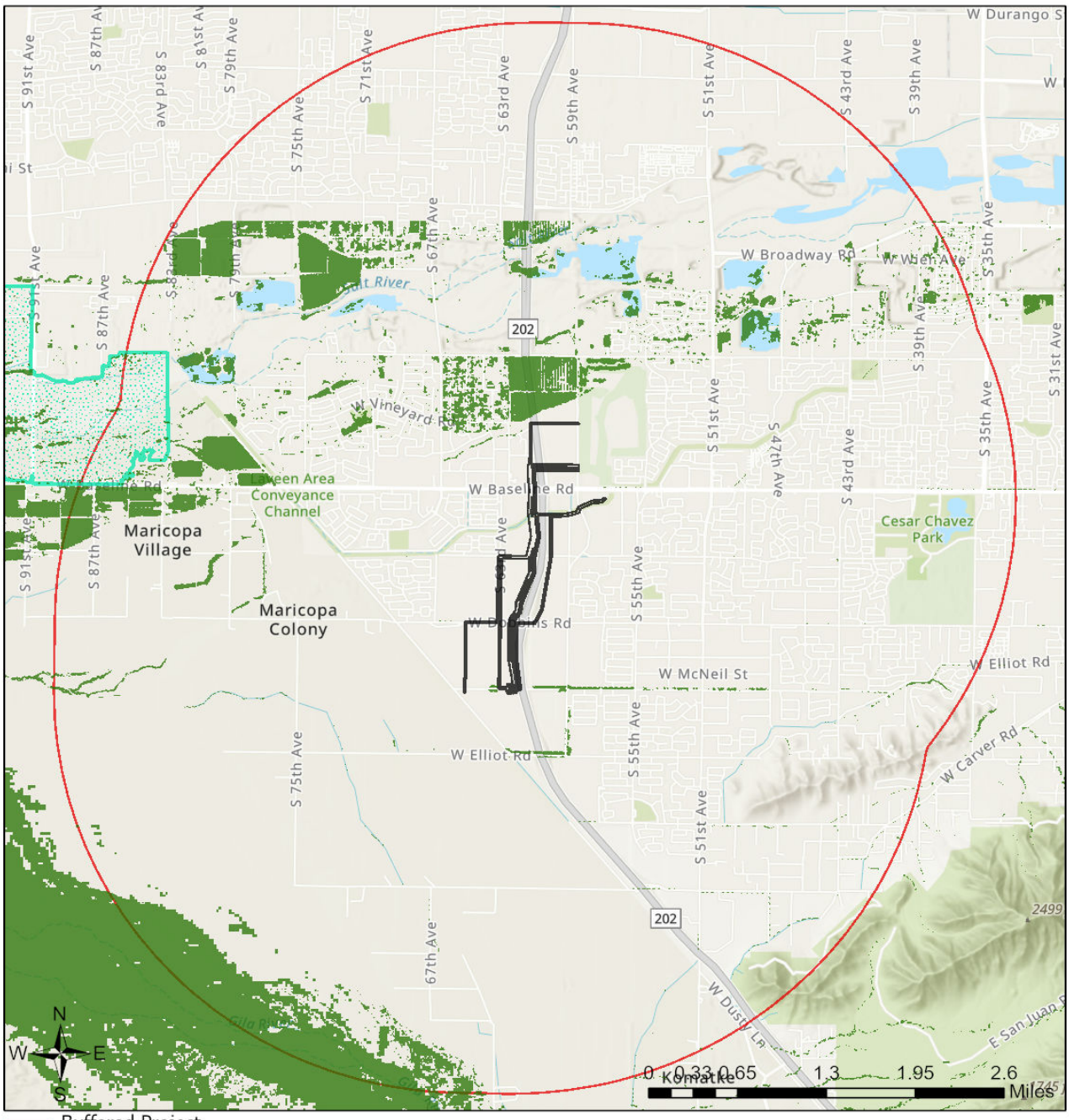
USGS Quad(s): FOWLER; LAVEEN

Earthstar Geographics

South Mountain Transmission Project

Important Areas



- Buffered Project Boundary
- Project Boundary
- Important Bird Areas
- Critical Habitat
- Pinal County Riparian
- Important Connectivity Zones
- Wildlife Connectivity

Project Size (acres): 106.56

Lat/Long (DD): 33.3747 / -112.1861

County(s): Maricopa

AGFD Region(s): Mesa

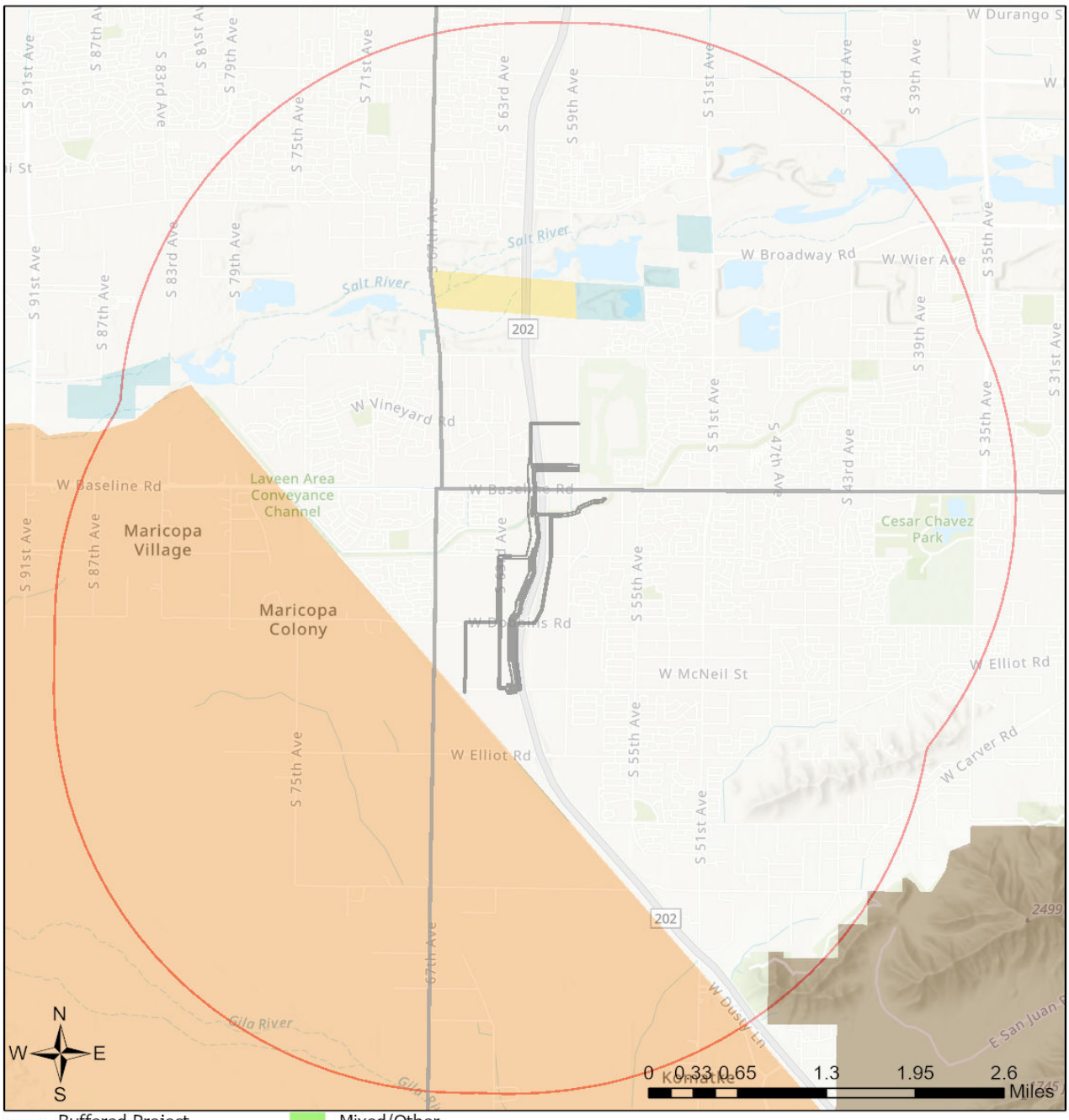
Township/Range(s): T1N, R2E; T1S, R2E

USGS Quad(s): FOWLER; LAVEEN

Esri, NASA, NGA, USGS, FEMA
City of Phoenix, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS

South Mountain Transmission Project

Township/Ranges and Land Ownership



- Buffered Project Boundary
- Project Boundary
- AZ Game & Fish Dept.
- BLM
- BOR
- Indian Res.
- Military
- Mixed/Other
- National Park/Mon.
- Private
- State & Regional Parks
- State Trust
- US Forest Service
- Wildlife Area/Refuge
- Township/Ranges

Project Size (acres): 106.56

Lat/Long (DD): 33.3747 / -112.1861

County(s): Maricopa

AGFD Region(s): Mesa

Township/Range(s): T1N, R2E; T1S, R2E

USGS Quad(s): FOWLER; LAVEEN

Esri, NASA, NGA, USGS, FEMA
City of Phoenix, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS

Special Status Species Documented within 3 Miles of Project Vicinity

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Agelaius phoeniceus	Red-winged Blackbird					2
Anthus rubescens	American Pipit					2
Athene cunicularia hypugaea	Western Burrowing Owl	SC	S	S		2
Auriparus flaviceps	Verdin					2
Calypte costae	Costa's Hummingbird					2
Campylorhynchus brunneicapillus	Cactus Wren					2
Catharus guttatus	Hermit Thrush					2
Charadrius vociferus	Killdeer					2
Circus hudsonius	Northern Harrier					2
Colaptes chrysoides	Gilded Flicker			S		2
Dendrocygna autumnalis	Black-bellied Whistling-Duck					2
Falco peregrinus anatum	American Peregrine Falcon	SC	S	S		1
Falco sparverius	American Kestrel					2
Haliaeetus leucocephalus	Bald Eagle	SC, BGA	S	S		1
Icterus cucullatus	Hooded Oriole					2
Incilius alvarius	Sonoran Desert Toad					2
Lanius ludovicianus	Loggerhead Shrike	SC				2
Melanerpes uropygialis	Gila Woodpecker					2
Melospiza lincolnii	Lincoln's Sparrow					2
Melozone aberti	Abert's Towhee		S			2

Note: Status code definitions can be found at https://www.azgfd.com/wildlife-conservation/on-the-ground-conservation/state-wildlife-action-plan/state-wildlife-action-plan-status-definitions/.

Special Areas Documented that Intersect with Project Footprint as Drawn

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Riparian Area	Riparian Area					

Note: Status code definitions can be found at https://www.azgfd.com/wildlife-conservation/on-the-ground-conservation/state-wildlife-action-plan/state-wildlife-action-plan-status-definitions/.

Species of Greatest Conservation Need Predicted that Intersect with Project Footprint as Drawn, based on Predicted Range Models

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Anaxyrus microscaphus	Arizona Toad	SC		S		2
Anthus spragueii	Sprague's Pipit	SC				2
Aquila chrysaetos	Golden Eagle			S		2
Athene cunicularia hypugaea	Western Burrowing Owl	SC	S	S		2
Auriparus flaviceps	Verdin					2
Botaurus lentiginosus	American Bittern					2

Species of Greatest Conservation Need Predicted that Intersect with Project Footprint as Drawn, based on Predicted Range Models

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Buteo regalis	Ferruginous Hawk	SC		S		2
Buteo swainsoni	Swainson's Hawk					2
Calcarius ornatus	Chestnut-collared Longspur					2
Calypte costae	Costa's Hummingbird					2
Campylorhynchus brunneicapillus	Cactus Wren					2
Catharus ustulatus	Swainson's Thrush					2
Chilomeniscus stramineus	Variable Sandsnake					2
Coccyzus americanus	Yellow-billed Cuckoo (Western DPS)					
Colaptes chrysoides	Gilded Flicker			S		2
Columbina inca	Inca Dove					2
Cynanthus latirostris	Broad-billed Hummingbird		S			2
Empidonax wrightii	Gray Flycatcher					2
Eumops perotis californicus	Greater Western Bonneted Bat					
Falco mexicanus	Prairie Falcon					2
Falco peregrinus anatum	American Peregrine Falcon					
Falco sparverius	American Kestrel					2
Gopherus morafkai	Sonoran Desert Tortoise	CCA	S	S		1
Haliaeetus leucocephalus	Bald Eagle	SC	S	S		1
Icterus bullockii	Bullock's Oriole					2
Incilius alvarius	Sonoran Desert Toad					2
Lanius ludovicianus	Loggerhead Shrike	SC				2
Lasiurus blossevillii	Western Red Bat		S			2
Lasiurus cinereus	Hoary Bat					2
Lasiurus xanthinus	Western Yellow Bat		S			2
Lithobates yavapaiensis	Lowland Leopard Frog	SC	S	S		1
Macrotus californicus	California Leaf-nosed Bat	SC		S		2
Megascops kennicottii	Western Screech-owl					
Melanerpes uropygialis	Gila Woodpecker					2
Melospiza lincolnii	Lincoln's Sparrow					2
Melozone aberti	Abert's Towhee		S			2
Myotis auriculus	Southwestern Myotis					2
Myotis velifer	Cave Myotis	SC		S		2
Myotis yumanensis	Yuma Myotis	SC				2
Neotamias cinereicollis	Gray-collared Chipmunk					
Nyctinomops femorosaccus	Pocketed Free-tailed Bat					2
Parabuteo unicinctus	Harris's Hawk					2
Passerculus sandwichensis	Savannah Sparrow					2
Perognathus amplus	Arizona Pocket Mouse					2
Phrynosoma solare	Regal Horned Lizard					2

Species of Greatest Conservation Need Predicted that Intersect with Project Footprint as Drawn, based on Predicted Range Models

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Pooecetes gramineus	Vesper Sparrow					2
Spizella breweri	Brewer's Sparrow					2
Tadarida brasiliensis	Brazilian Free-tailed Bat					
Toxostoma bendirei	Bendire's Thrasher					2
Toxostoma lecontei	LeConte's Thrasher			S		2

Species of Economic and Recreation Importance Predicted that Intersect with Project Footprint as Drawn

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Callipepla gambelii	Gambel's Quail					
Zenaida asiatica	White-winged Dove					
Zenaida macroura	Mourning Dove					

Project Type: Energy Production/Storage/Transfer, Energy Transfer, Power line/electric line (new)

Project Type Recommendations:
Minimize the potential introduction or spread of exotic invasive species, including aquatic and terrestrial plants, animals, insects and pathogens. Precautions should be taken to wash and/or decontaminate all equipment utilized in the project activities before entering and leaving the site. See the Arizona Department of Agriculture website for a list of prohibited and restricted noxious weeds at https://www.invasivespeciesinfo.gov/unitedstates/az.shtml and the Arizona Native Plant Society https://aznps.com/invas for recommendations on how to control. To view a list of documented invasive species or to report invasive species in or near your project area visit iMapInvasives - a national cloud-based application for tracking and managing invasive species at https://imap.natureserve.org/imap/services/page/map.html.

- To build a list: zoom to your area of interest, use the identify/measure tool to draw a polygon around your area of interest, and select “See What’s Here” for a list of reported species. To export the list, you must have an account and be logged in. You can then use the export tool to draw a boundary and export the records in a csv file.

The Department recommends that wildlife surveys are conducted to determine if noise-sensitive species occur within the project area. Avoidance or minimization measures could include conducting project activities outside of breeding seasons.

For any powerlines built, proper design and construction of the transmission line is necessary to prevent or minimize risk of electrocution of raptors, owls, vultures, and golden or bald eagles, which are protected under state and federal laws. Limit project activities during the breeding season for birds, generally March through late August, depending on species in the local area (raptors breed in early February through May). Conduct avian surveys to determine bird species that may be utilizing the area and develop a plan to avoid disturbance during the nesting season. For underground powerlines, trenches should be covered or back-filled as soon as possible. Incorporate escape ramps in ditches or fencing along the perimeter to deter small mammals and herpetofauna (snakes, lizards, tortoise) from entering ditches. In addition, indirect affects to wildlife due to construction (timing of activity, clearing of rights-of-way, associated bridges and culverts, affects to wetlands, fences) should also be considered and mitigated.

Based on the project type entered, coordination with State Historic Preservation Office may be required (https://azstateparks.com/).

Based on the project type entered, coordination with U.S. Fish and Wildlife Service (Migratory Bird Treaty Act) may be required (https://www.fws.gov/office/arizona-ecological-services).

Vegetation restoration projects (including treatments of invasive or exotic species) should have a completed site-evaluation plan (identifying environmental conditions necessary to re-establish native vegetation), a revegetation plan (species, density, method of establishment), a short and long-term monitoring plan, including adaptive management guidelines to address needs for replacement vegetation.

The Department requests further coordination to provide project/species specific recommendations, please contact Project Evaluation Program directly at PEP@azgfd.gov.

Project Location and/or Species Recommendations:
HDMS records indicate that one or more **Listed, Proposed, or Candidate** species or **Critical Habitat** (Designated or Proposed) have been documented in the vicinity of your project. The Endangered Species Act (ESA) gives the US Fish and Wildlife Service (USFWS) regulatory authority over all federally listed species. Please contact USFWS Ecological Services Offices at https://www.fws.gov/office/arizona-ecological-services or:

Phoenix Main Office
9828 North 31st Avenue #C3
Phoenix, AZ 85051-2517
Phone: 602-242-0210
Fax: 602-242-2513

Tucson Sub-Office
201 N. Bonita Suite 141
Tucson, AZ 85745
Phone: 520-670-6144
Fax: 520-670-6155

Flagstaff Sub-Office
SW Forest Science Complex
2500 S. Pine Knoll Dr.
Flagstaff, AZ 86001
Phone: 928-556-2157
Fax: 928-556-2121

This review has identified **riparian areas** within the vicinity of your project. During the planning stage of your project, avoid, minimize, or mitigate any potential impacts to riparian areas identified in this report. Riparian areas play an important role in maintaining the functional integrity of the landscape, primarily by acting as natural drainages that convey water through an area, thereby reducing flood events. In addition, riparian areas provide important movement corridors and habitat for fish and wildlife. Riparian areas are channels that contain water year-round or at least part of the year. Riparian areas also include those channels which are dry most of the year, but may contain or convey water following rain events. All types of riparian areas offer vital habitats, resources, and movement corridors for wildlife. The Pinal County Comprehensive Plan (i.e. policies *6.1.2.1* and *7.1.2.4*), Open Space and Trails Master Plan, Drainage Ordinance, and Drainage Design Manual all identify riparian area considerations, guidance, and policies. Guidelines to avoid, minimize, or mitigate impacts to riparian habitat can be found at https://www.azgfd.com/wildlife-conservation/planning-for-wildlife/planning-for-wildlife-wildlife-friendly-guidelines/. Based on the project type entered, further consultation with the Arizona Game and Fish Department and Pinal County may be warranted.

HDMS records indicate that **Western Burrowing Owls** have been documented within the vicinity of your project area. Please review the western burrowing owl resource page at https://www.azgfd.com/wildlife-conservation/conservation-and-endangered-species-programs/burrowing-owl-management/.

EXHIBIT C-3
AGFD CORRESPONDENCE

August 6, 2024

Mr. Rick Hernandez
Program Manager
1500 N Mill Avenue
Tempe, AZ 85288

Electronically submitted to: Rick.Hernandez@srpnet.com

RE: South Mountain Transmission Project

Dear Mr. Hernandez:

The Arizona Game and Fish Department (Department) appreciates the opportunity to review the South Mountain Transmission Project (Project). The Department understands that the Project would involve the construction of a new 500/230/69kV Substation, with two new 230kV and 500kV transmission lines that will connect to the existing SRP substation. The Project would be constructed on existing agricultural lands and vacant residential, and would involve the use of heavy equipment to grade and level the site, the construction of above ground power lines, construction of a perimeter fence and large scale soil disturbance.

Under Title 17 of the Arizona Revised Statutes, the Department, by and through the Arizona Game and Fish Commission, has jurisdictional authority and public trust responsibilities to conserve and protect the state fish and wildlife resources. In addition, the Department manages threatened and endangered species through authorities of Section 6 of the Endangered Species Act and the Department's Section 10(a)(1)(A) permit. It is the mission of the Department to conserve and protect Arizona's diverse fish and wildlife resources and manage for safe, compatible outdoor recreation opportunities for current and future generations.

The Department recognizes the importance of planning efforts to develop energy storage facilities that contribute to regional and state economic growth needs for readily available energy. The Department recognizes that appropriate coordination, proper planning, and voluntary implementation of best management practices allow projects to be developed that avoid, minimize, or offset potential impacts to wildlife and recreational access during development, maintenance, and operation of the facilities. For your consideration, the Department provides the following general and preliminary comments based on the agency's statutory authorities, public trust responsibilities, and special expertise related to wildlife resources and recreation. Additionally, please refer to the attached Online Environmental Review Tool report (HGIS-22423) for recommendations.

GOVERNOR: KATIE HOBBS **COMMISSIONERS:** CHAIRMAN CLAY HERNANDEZ, TUCSON | MARSHA PETRIE SUE, SCOTTSDALE | JEFF BUCHANAN, PATAGONIA
JAMES E. GOUGHNOUR, PAYSON | TODD G. GEILER, PRESCOTT **DIRECTOR:** TY E. GRAY **DEPUTY DIRECTOR:** TOM P. FINLEY

- The western burrowing owl, a special status species that is regulated under the Migratory Bird Treaty Act (MBTA), has been documented as recently as 2020 within the project area. The Department recommends conducting occupancy surveys for this species following guidelines found in *Burrowing Owl Project Clearance Guidance for Landowners*[1]. Please note that the survey should be conducted by a surveyor who is certified by the Department or has similar training and qualifications. If an active burrowing owl burrow is detected, please contact the Department and the U.S. Fish and Wildlife Service[2] (USFWS) for direction, in accordance with the guidelines.

- The Department's *Wildlife Compatible Fencing Guidelines*[3] provide information on how fencing impacts wildlife, ways to design fencing to prevent wildlife entanglement and impalement, and to ensure wildlife movement is not restricted. Department personnel are available as resources to help determine appropriate fencing design and layout that will achieve its objective while reducing impact on wildlife.

- The Department recommends following standards established by the Avian Power Line Interaction Committee (APLIC) for new power lines, which can be found in *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006*[4] and *Reduced Avian Collisions with Power Lines: The State of the Art in 2012*[5]. Birds of prey, such as raptors, owls, vultures, and eagles, are vulnerable to powerline strikes and electrocution during construction and operation of transmission lines.uk Jacobson, the Department's Raptor Coordinator, can provide further information on specific design features and best management practices; he can be contacted at raptors@azgfd.gov or 623-236-7575.

- Power poles can serve as perches for many birds of prey and there are design features for structures that can reduce impacts to these important species. Another possible alternative to reduce mortality is using bird flight diverters to decrease avian mortalities. Again, Mr. Jacobson has expertise in all of the best management practices and would be available to share his knowledge in the pre-design phase of this project.

- Multiple Arizona Species of Greatest Conservation Need have the potential to occur within the project area. If wildlife are encountered while working in the project area, the Department recommends moving them out of harm's way, no more than 0.25 mile outside the project area into similar habitat.

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[1] https://s3.amazonaws.com/azgfd-portal-wordpress/PortalImages/files/wildlife/nongame/eagles/BurrowingOwlClearanceProtocol_2009.pdf
[2] https://www.fws.gov/office/arizona-ecological-services/contact-us
[3] https://s3.amazonaws.com/azgfd-portal-wordpress/PortalImages/files/wildlife/planningFor/wildlifeFriendlyGuidelines/110125_AGFD_fencing_guidelines.pdf
[4] https://www.aplic.org/uploads/files/2643/SuggestedPractices2006(LR-2).pdf
[5] https://www.aplic.org/uploads/files/15518/Reducing_Avian_Collisions_2012watermarkLR.pdf

Thank you for the opportunity to provide input on the South Mountain Transmission Project. For further coordination, please contact Bobby Lamoureux at rlamoureux@azgfd.gov or 480-262-9427.

Sincerely,

Joshua W. Hurst

Joshua Hurst
Regional Supervisor

cc: Ginger Ritter - Project Evaluation Program Supervisor
Kelly Wolff – Habitat, Evaluation, and Lands Program Manager, Region 6

Attachment: ERT Species Report HGIS-22423

AZGFD #M24-07113348

EXHIBIT D
BIOLOGICAL RESOURCES

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

List the fish, wildlife, plant life and associated forms of life in the vicinity of the proposed site or route and describe the effects, if any, the proposed facilities will have thereon.

Introduction

To identify vegetation and wildlife that may occur at or in the vicinity of the proposed South Mountain Transmission Project (SMT Project or Project), KP Environmental, Inc. (KPE) reviewed the following sources:

- Topographical and aerial maps and land use, land cover, and elevation data.
- The U.S. Fish and Wildlife Service (USFWS) species list for the Project area obtained from the USFWS online Information for Planning and Consultation (IPaC) system (**Exhibit C-1**) (USFWS, 2024).
- Species information obtained from the USFWS Environmental Conservation Online System, the USFWS Arizona Ecological Services document library, the Arizona Game and Fish Department (AGFD) Online Environmental Review Tool (**Exhibit C-2**) and special-status species listed in the AGFD Heritage Data Management System (HDMS) within Maricopa County (AGFD, 2006; 2024a; 2024b).

In addition, a habitat assessment survey was conducted within the Project area for biological resources:

- On May 21, 2024, a KPE biologist with knowledge of the biology of flora and fauna of the region completed an on-ground habitat assessment survey of the Project area.

Results

Exhibit D-1 contains **Tables D-1, D-2, D-3,** and **D-4** which include lists of common plant life, mammals, birds, reptiles, and amphibians potentially present in Maricopa County and within the vicinity of the Project.

The habitat assessment survey determined that overall habitat quality, plant diversity, and density are very low. The entire Project area is clear of native vegetation and natural habitat. The surrounding area consists of primarily urban housing development, commercial areas, agricultural operations, and bare or disturbed land that is being developed. There were no burrows, nests or nest-building behavior identified during the survey, nor were there any special-status species observed during the field habitat assessment.

In addition, the Project is located in an area with active residential, commercial, and agricultural development with the agricultural transitioning into industrial development. No protected areas, or any areas of biological wealth were noted within the Project area.

Vegetation

The proposed Project area is located within the Lower Colorado River Valley subdivision of the Sonoran Desertscrub Biotic Community (Brown, 1994) with an elevational range of approximately 985 to 1,015 feet above mean sea level (amsl). The Project area immediately borders the South Mountain Loop 202 Freeway (Loop 202). Land uses in the Project area include residential, commercial, and agricultural developments. The Laveen Area Conveyance Channel (LACC), a concrete-lined aquatic conveyance channel, runs perpendicular to the northern portion of the proposed transmission right-of-way (ROW) with ornamental and disturbed grass along the channel in some areas. The vegetation communities found within the area are described below. **Table D-1** in **Exhibit D-1** lists some of the native vegetation that could be found within the Project area and Maricopa County generally.

Riparian Habitat

There is a small corridor of historically riparian habitat mapped along the southern terminus of the Project area (see **Exhibit C-2**); however, the entire portion of the mapped riparian habitat in the vicinity of the Project area is now occupied by agricultural operations. There is riparian habitat located intermittently along the Salt River which runs in a southwest direction. The Salt River – Saguaro Lake to Gila River Riparian Movement Area is located approximately 0.7 mile north of the northernmost point of the Project area. The Gila River Landscape Movement Area and Estrella Mountain – South Mountain Landscape Movement Area are located approximately 2.3 miles southeast and approximately three miles southeast of the southernmost point on the Project routes, respectively (AGFD, 2012). There is no riparian habitat or native vegetation within the Project area. At the time of the field assessment, no native vegetation was recorded in the Project area, and no broadleaf deciduous riparian vegetation communities (i.e., communities containing willow [*Salix* sp.], cottonwood [*Populus* sp.], etc.) were observed.

Disturbed Habitat

The Project area contains graded areas and several paved and dirt roadways, including Loop 202 which runs parallel to several of the proposed 230 kilovolt (kV) transmission line routes. Residential developments include new construction of housing developments, and roadside landscaping exist within and adjacent to the Project south of West Dobbins Road, north of West Baseline Road, and south of the LACC. There are also commercial businesses and recreational facilities in the areas east of the northern portion of the Project. Non-native species observed in proximity to these areas included stinknet (*Oncosiphon pilulifer*), Russian thistle (*Salsola tragus*), sandbur (*Cenchrus* sp.), Saharan mustard (*Brassica tournefortii*), tamarisk (*Tamarix* sp.), prickly lettuce (*Lactuca serriola*) and acacia (*Acacia* sp.). Saharan mustard, stinknet, sandbur, and tamarisk are listed as Arizona noxious weeds.

Agricultural Habitat

The Project area contains some agricultural fields that are transitioning to industrial along the proposed 230 kV transmission line routes west of Loop 202 extending from West Southern Avenue, located 0.5 mile north of the northern Project limit, to West Elliot Road, located 0.5 mile south of the southern Project limit. Some agricultural plots observed were either currently active or served as vehicle/equipment storage areas overgrown with non-native vegetation.

Wildlife

Wildlife resources within the Project area are predominantly associated with agricultural, disturbed, or landscaped habitats. Species occurrence, abundance, and distribution are strongly influenced by the topography and habitat types. Wildlife species that were observed during the field survey include common raven (*Corvus corax*), great-tailed grackle (*Quiscalus mexicanus*), and greater roadrunner (*Geococcyx californianus*). **Tables D-2, D-3,** and **D-4** in **Exhibit D-1** present lists of common mammals, birds, reptiles, and amphibians that may occur or that have been observed within Maricopa County in habitats similar to those in the Project area. Some of the species are also included in **Exhibit C** as special-status species. Although there is a potential for these species to occur, field verification and lack of native vegetation or suitable habitat within the Project area shows that it is unlikely.

Mammals

Most mammalian species likely to be present are small, inconspicuous, largely nocturnal species of rodents and bats. Desert-adapted rodents include pocket mice and kangaroo rats. Additionally, several species of bats could be present within the Project area. Medium-sized mammals that could be found within the Project area include the desert cottontail (*Sylvilagus audubonii*), black-tailed jackrabbit (*Lepus californicus*), coyote (Canis latrans), gray fox (*Urocyon cinereoargenteus*), bobcat (*Felis rufus*), and badger (*Taxidae taxus*). Large mammals are not expected to occur. **Table D-2** in **Exhibit D-1** presents a more comprehensive list of mammalian species that may occur within the Project area and Maricopa County.

Birds

Most bird species likely to be present are associated with agricultural land use, urbanized land uses, and disturbed areas. Waterfowl and other birds may be attracted to the LACC that runs perpendicular to the Project area with ornamental and disturbed grass along the channel in some areas; however, it is unlikely that the portion of the LACC within the Project area would be used for nesting, roosting, foraging, or reproduction. The majority of the birds present during any given season are small songbirds, doves, waterfowl, and raptors, such as the red-tailed hawk (*Buteo jamaicensis*) (**Table D-3** in **Exhibit D-1**). Western burrowing owls (*Athene cunicularia hypugaea*) were not observed during the field survey but may occur within the Project area as they have been known to nest in burrows located along ditches and roads in agricultural areas and along the LACC.

Amphibians and Reptiles

Relatively undisturbed desert habitats represent the best habitat for reptiles, although some species could be found in disturbed areas. The only water resource within the Project area is the LACC that runs perpendicular to the northern portion of the proposed transmission ROW; therefore, amphibians would not be expected to be present in the Project area. **Table D-4** in **Exhibit D-1** provides a list of amphibian and reptilian species that could be present in the vicinity of the Project area and in Maricopa County.

Invasive Weed Species and Noxious Weeds

Non-native and weed species typically dominate disturbed and unmaintained areas. Non-native species observed in proximity to these areas included stinknet (*Oncosiphon pilulifer*), Russian thistle (*Salsola tragus*), sandbur (*Cenchrus* sp.), Saharan mustard (*Brassica tournefortii*), tamarisk (*Tamarix* sp.), prickly lettuce (*Lactuca serriola*) and acacia (*Acacia* sp.). Saharan mustard, stinknet, sandbur, and tamarisk are listed as Arizona noxious weeds.

Summary of Potential Effects

The following sections address the potential effects from development of the Project.

Vegetation

The Project does not overlap with any areas of biological wealth. Residential, commercial, and agricultural development, along with Loop 202 and other local roads and infrastructure, have converted and degraded areas of natural vegetation (wildlife habitat). The Project would permanently impact a very small area of previously degraded riparian habitat, and the majority of the Project-related impacts would be temporary and short-term in nature. No wildlife corridors, wetlands, riparian areas, or Important Bird Areas (IBAs) are located within or adjacent to the Project. The Project would permanently impact only areas associated with pole locations and the access road. With implementation of SRP's proposed measures described in **Exhibit C, Table C-3,** and **Exhibit D** there would be no change in species composition and there would only be a small impact to vegetation present at the actual pole locations as a result of construction and operation. Therefore, the proposed 230 kV transmission lines would have minor impacts on vegetation communities within the Project area.

Wildlife

Potential impacts to special-status species related to the construction of the Project could include displacement of individuals from the construction area, possible abandonment of nests due to construction activities, injury or death from vehicle strikes during construction, collision or electrocution risk with power lines, temporary impacts on foraging behaviors in adjacent habitat, and noise-related disturbance. Project work areas are expected to be very small, and vehicle speed would be limited to 15 miles per hour (mph), reducing the potential for injury or death to special status-species during construction due to vehicle strikes.

Mammals

Project construction activities could cause death or injury to terrestrial mammals that may not be able to flee from heavy equipment or vehicular traffic, with a higher likelihood of these impacts for individuals of species that are small, nocturnal, or fossorial. Project-related construction activities could cause behavior changes, as individuals would be expected to flee from an increase of noise, vibration, and human presence within the Project area, however, construction activities would be short-term and temporary. The loss and degradation of mammal habitat from short- and long-term Project activities would be negligible as the proposed Project area is relatively small, contains no native vegetation or suitable habitat, and is entirely previously disturbed. Similarly, because the Project area is largely disturbed and contains agricultural, residential, and commercial developments and associated roads (including Loop 202), any loss of vegetation from construction activities would not contribute meaningfully to habitat fragmentation for mammals or decrease connectivity between habitats.

Project activities that may occur at night or nighttime could impact bat activity patterns. The increase of nighttime lighting in the Project area has the potential to attract insects, which could have minor beneficial impacts to some bat species if their food source increases. However, some bat species would likely shift their foraging activities away from construction. Potential impacts to bat species are expected to be short term and minor.

With implementation of SRP's proposed measures, impacts on mammals associated with the Project's construction activities would be minor. Operation of the facility would include periodic maintenance activities in existing disturbed areas; because of this, impacts to mammalian wildlife species are expected to be very minimal.

Birds

Potential impacts to bird species could include changes in behavior due to Project-related noise, vibration, and the presence of workers and equipment; loss of breeding and foraging habitat; and impacts to nesting species. Bird nests could be encountered on existing transmission structures, in ornamental trees and shrubs, and on the ground within the vicinity of the proposed 230 kV transmission lines. Potential impacts to nesting birds and their eggs covered under the Migratory Bird Treaty Act (MBTA) would be avoided and/or minimized by limiting ground-clearing/vegetation removal activities to outside the breeding season (generally March–September with raptors breeding generally January–June). If construction occurs during the breeding season, a pre-construction nest survey would be conducted 30 days prior to construction by a qualified biologist, and active nests would be avoided or removed before becoming active, if possible. If active nests cannot be avoided, on-site personnel would contact the SRP Avian Protection Program for steps to take to ensure the nesting birds are protected. Therefore, there would be no impacts to active nests.

Transmission lines can pose a collision risk to birds (APLIC, 2012). However, many factors influence whether birds are likely to collide with a specific transmission line. Because the proposed 230 kV transmission lines are being built in close proximity to Loop 202, there is a lack of native vegetation or natural habitat within or adjacent to the proposed ROW, there is significant commercial and residential development in the Project area, and there is a lack of high-quality

foraging and migration areas in the Project area, this risk would be low and would represent a minor adverse impact on bird species. Additionally, collision risk is relatively low when multiple transmission lines are co-located or placed near other infrastructure (APLIC, 2012). The Project would be constructed in an area with numerous existing transmission lines and would be unlikely to contribute to an increase in bird mortality within the Project area. To minimize that risk, the Applicant would construct the proposed transmission lines following the guidelines outlined in the current version of the APLIC *Suggested Practices for Avian Protection on Powerlines and Reducing Avian Collisions with Power Lines* manuals. Electrical transmission and distribution lines can also cause bird electrocution, although the risk is highest with lower voltage lines. Electrocution occurs when a bird simultaneously contacts energized and grounded electrical components. High-voltage lines require spacing between those components that cannot be spanned even by very large birds so that electrocution risk is precluded almost entirely (APLIC, 2006).

Amphibians and Reptiles

Construction-related impacts to reptile and amphibian species including death, injury, or impacts arising from behavior changes would be the same as those described for terrestrial mammals. With implementation of SRP's proposed measures, impacts on reptiles and amphibians associated with the proposed 230 kV transmission lines would be short-term and minor. Operation of the facilities would include periodic maintenance activities along existing disturbed areas; because of this, impacts to reptiles and amphibians are expected to be very minimal.

Invasive Weed Species and Noxious Weeds

Invasive weed species and/or noxious weeds occur in the Project area as a result of disturbance associated with ongoing development, commercial area use, agricultural operations, and unmaintained vehicle/equipment storage areas present along the proposed 230 kV transmission lines. Measures would be taken to avoid introducing or spreading noxious weeds in the Project Area; therefore, the Project would be unlikely to contribute to an increase of noxious weeds, in extent or abundance, in the vicinity of the Project. The spread of invasive weeds is not expected due to the implementation of SRP's proposed mitigation measures. To minimize the potential spread of invasive weed species into the Project area, all heavy equipment from other geographic areas utilized during construction would be washed prior to arrival on site. This would ensure that weed seed from a different area is not transported into the area.

Mitigation Measures

The following mitigation measures reduce risk of animal injury or spread of invasive species. For mitigation measures specific to special-status species, please see **Exhibit C**.

- To minimize risks to birds, the new transmission lines would be constructed following industry suggested practices aimed at reducing avian collisions and electrocutions (APLIC, 2006; 2012). If avian-line interactions become an issue, SRP would move quickly to evaluate the issue and craft a solution using appropriate measures. Therefore, potential impacts to migratory birds and their populations would be minimized.

- Pre-construction surveys for nesting birds would be conducted by qualified biologists if vegetation clearing activities would occur during bird nesting season (generally March–September and January–June for raptors).
- To minimize the introduction and spread of invasive species and noxious weeds, standard best management practices (BMPs) would be used during construction. These BMPs can include measures such as washing equipment prior to and following mobilization to the Project area.

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EXHIBIT D-1
BIOLOGICAL RESOURCES TABLES

Table D-1
Plant Species
Potential Occurrence in Isolated Disturbed/Native Habitats in the Vicinity of the Project Area[1]

Common Name	Scientific Name	Ecosystem
Triangleleaf bursage	*Ambrosia deltoidea*	Sonoran Desertscrub, Sonoran Riparian
White bursage	*Ambrosia dumosa*	Sonoran Desertscrub
Fiddlehead	*Amsinckia intermedia*	Sonoran Riparian
Fiddleneck	*Amsinckia spp.*	Sonoran Desertscrub, Disturbed
Purple three-awn	*Aristida purpurea*	Sonoran Desertscrub
Four-wing saltbush	*Atriplex canescens*	Sonoran Desertscrub
All scale	*Atriplex polycarpa*	Sonoran Desertscrub
Red brome	*Bromus madritensis ssp. rubens*	Sonoran Desertscrub, Disturbed
Blue palo verde	*Circidium floridum*	Sonoran Desertscrub, Sonoran Riparian
Datura	*Datura stramonium*	Sonoran Riparian
Englemann's hedgehog cactus	*Echinocereus englemannii*	Sonoran Desertscrub
Brittlebush	*Encelia farinosa*	Sonoran Desertscrub, Sonoran Riparian
Skeletonweed	*Eriogonum dejlexum*	Sonoran Desertscrub
Filaree	*£radium cicutarium*	Sonoran Desertscrub, Disturbed
Barrel cactus	*Ferocactus wislizenii*	Sonoran Desertscrub
Ocotillo	*Fouquieria splendens*	Sonoran Desertscrub
Halogeton	*Halogeton glomeratus*	Sonoran Desertscrub, Disturbed
Rhatany	*Krameria parvijlora*	Sonoran Desertscrub, Sonoran Riparian
Creosote bush	*Larrea tridentata*	Sonoran Desertscrub, Sonoran Riparian
Woltberry	*Lycium spp.*	Sonoran Desertscrub, Sonoran Riparian
Little fishhook cactus	*Mammi/laria thornberi*	Sonoran Desertscrub
Teddybear cholla	*Opuntia bigelovii*	Sonoran Desertscrub
Prickly pear cactus	*Opunlia engelmannii*	Sonoran Desertscrub
Jumping cholla	*Opunlia fulgida*	Sonoran Desertscrub
Desert mistletoe	*Phoradendron californicum*	Sonoran Desertscrub
Plantago	*Plan/ago spp.*	Sonoran Desertscrub, Disturbed
Galleta grass	*Pleuraphis James*ii	Sonoran Desertscrub, Sonoran Riparian
Mesquite	*Prosopis spp.*	Sonoran Riparian
Bladdersage	*Salazaria mexicana*	Sonoran Desertscrub
Russian thistle	*Sa/sofa tragus*	Sonoran Desertscrub, Sonoran Riparian
London rocket	*Sisymbrium irio*	Sonoran Desertscrub, Sonoran Riparian
Globe mallow	*Sphaera/cea spp.*	Sonoran Desertscrub, Sonoran Riparian
Mediterranean grass	*Schismus arabicus and* S. *barbatus*	Sonoran Desertscrub, Disturbed

[1] Brown, 1994

Table D-2 Mammal Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Pallid bat	*Antrozous pallidus*
Ringtail	*Bassariscus astutus*
Coyote	*Canis latrans*
Mexican long-tongued bat	*Choeronycteris mexicana*
Desert kangaroo rat	*Dipodomys deserti*
Merriam's kangaroo rat	*Dipodomys merriami*
Big brown bat	*Eptesicus fuscus*
Spotted bat	*Euderma macu/atum*
Western mastiff bat	*Eumops perotis*
Mountain lion	*Fe/is concolor*
Bobcat	*Fe/is rufus*
Red bat	*Lasiurus borealis*
Hoary bat	*lasiurus cinereus*
Southern yellow bat	*Lasiurus ega xanthinus*
Mexican long-nosed bat	*leptonycteris nivalis*
Black-tailed jackrabbit	*Lepus californicus*
Hooded skunk	*Mephitis macroura*
Striped skunk	*Mephitis mephitis*
California myotis	*Myotis californicus*
Fringed myotis	*Myotis thysanodes*
Cave myotis	*Myotis velifer*
Yuma myotis	*Myotis yumanensis*
White-throated woodrat	*Neotoma albigula*
Desert wood rat	*Neotoma lepida*
Desert shrew	*Notiosorex crawfordi*
Desert Mule deer	*Odocoileus hemionus crooki*
Muskrat	*Ondatra zibethicus*
Southern grasshopper mouse	*Onychomys torridus*
Collared peccary	*Pecari tajacu*
Arizona pocket mouse	*Perognathus amp/us*
Bailey's pocket mouse	*Perognathus bai/eyi*
Long-tailed pocket mouse	*Perognathus formosus*
Rock pocket mouse	*Perognathus intermedius*
Little pocket gopher	*Perognathus longimembris*
Desert pocket mouse	*Perognathus penicillatus*
Brush mouse	*Peromyscus boy/ii*
Cactus mouse	*Peromyscus eremicus*
Deer mouse	*Peromyscus manicu/atus*

Table D-2 Mammal Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Western pipistrelle	*Pipistrellus Hesperus*
Townsend's big-eared bat	*Plecotus townsendii*
Raccoon	*Procyon lotor*
Western harvest mouse	*Reithrodontomys megalotis*
Arizona gray squirrel	*Sciurus arizonensis*
Arizona cotton rat	*Sigmodon arizonae*
Rock squirrel	*Spermophilus variegatus*
Western spotted skunk	*Spilogale gracilis*
Desert cottontail	*Sylvilagus audubonii*
American free-tailed bat	*Tadarida brasiliensis*
Pocketed free-tailed bat	*Tadarida femorosacca*
Big free-tailed bat	*Tadarida macrotis*
Badger	*Taxidae taxus*
Botta's pocket gopher	*Thomomys bottae*
Gray fox	*Urocyon cinereoargenteus*
Kit fox	*Vulpes macrotis*
Round-tailed ground squirrel	*Xerospermophilus tereticaudus*
[1] Hoffmeister, 1986	

Table D-3 Bird Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Cooper's hawk	*Accipiter cooperii*
Sharp-shinned hawk	*Accipiter stria/us*
Western Grebe	*Aechmophorous occidentalis*
Red-winged blackbird	*Agelaius phoeniceus*
Sage sparrow	*Amphispiza belli*
Black-throated sparrow	*Amphispiza bilineata*
Cinnamon teal	*Anas cyanoptera*
Mallard	*Anas platyrhynchos*
Black-chinned hummingbird	*Archilochus alexandri*
Great egret	*Ardea alba*
Great blue heron	*Ardea herodias*
Verdin	*Auriparus jlaviceps*
Cedar waxwing	*Bombycilla cedrorum*
Great homed owl	*Bubo virginianus*
Cattle egret	*Bubulcus ibis*
Zone-tailed hawk	*Buteo albonotatus*
Red-tailed hawk	*Buteo jamaicensis*
Ferruginous hawk	*Buteo regalis*
Swainson's hawk	*Buteo swainsoni*
Green heron	*Butorides virescens*
Lark bunting	*Calamospiza melanocorys*
Gambel's quail	*Callipepla gambelii*
Anna's hummingbird	*Calypte anna*
Costa's hummingbird	*Calypte costae*
Cactus wren	*Campylorhynchus brunneicapillus*
Northern cardinal	*Cardinalis cardinalis*
Pyrrhuloxia	*Cardinalis sinuatus*
Lesser goldfinch	*Carduelis psaltria*
House finch	*Carpodacus mexicanus*
Turkey vulture	*Cathartes aura*
Killdeer	*Charadrius vociferus*
Lark sparrow	*Chondestes grammacus*
Lesser nighthawk	*Chordeiles acutipennis*
Northern harrier	*Circus cyaneus*
Red-shafted northern flicker	*Colaptes cafer*
Gilded flicker	*Colaptes chrysoides*
Rock dove	*Columba livia*
Inca dove	*Columbina inca*
Common ground-dove	*Columbina passerine*

Table D-3 Bird Species Potential Occurrence in the Vicinity of the Project Area1	
Common Name	**Scientific Name**
Western wood-pewee	*Contopus sordidulus*
Common raven	*Corvus corax:*
Yellow-rumped warbler	*Dendroica coronata*
Black-throated gray warbler	*Dendroica nigrescens*
Yellow warbler	*Dendroica petechia*
Snowy egret	*Egretta thula*
Pacific-slope flycatcher	*Empidonax difficilis*
Dusky flycatcher	*Empidonax: oberholster*
Cordilleran flycatcher	*Empidonax occidentalis*
Gray flycatcher	*Empidonax: wrightii*
Horned lark	*Eremophila alpestris*
Brewer's blackbird	*Euphagus cyanocephalus*
American kestrel	*Fa/co sparverius*
American coot	*Fulica americana*
Common moorhen	*Gallinula chloropus*
Greater roadrunner	*Geococcyx californianus*
Blue grosbeak	*Guiraca carulea*
Cliff swallow	*Hirundo pyrrhonota*
Barn swallow	*Hirundo rustica*
Northern oriole	*Icterus bullockii*
Hooded oriole	*Icterus cucullatus*
Bullock's oriole	*Icterus galbula*
Dark-eyed junco	*Junco hyemalis*
Loggerhead shrike	*Lanius ludovicianus*
Gila woodpecker	*Melanerpes uropygialis*
Lincoln's sparrow	*Melospiza lincolnii*
Song sparrow	*Melospiza melodia*
Elf owl	*Micrathene whitneyi*
Northern mockingbird	*Mimus polyglottos*
Bronzed cowbird	*Molothrus aeneus*
Brown-headed cowbird	*Molothrus ater*
Ash-throated flycatcher	*Myiarchus cinerascens*
Brown-crested flycatcher	*Myiarchus tyrannulus*
Black-crowned night-heron	*Nycticorax: nycticorax*
MacGillivary's warbler	*Oporornis tolmiei*
Sage thrasher	*Oreoscoptes montanus*
Western screech owl	*Otus kennicottii*
Harris' hawk	*Parabuteo unicinctus*
House sparrow	*Passer domesticus*

Table D-3 Bird Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Phainopepla	*Phainopepla nitens*
Double-crested cormorant	*Phalacrocorax auritus*
Common poorwill	*Phalaenoptilus nuttallii*
Black-headed grosbeak	*Pheucticus melanocephalus*
Ladder-backed woodpecker	*Picoides scalaris*
Abert's towhee	*Pipilo aberti*
Green-tailed towhee	*Pipilo chlorurus*
Spotted towhee	*Pipilo erythrophthalmus*
Canyon towhee	*Pipilo fuscus*
Western tanager	*Piranga ludoviciana*
Pied-billed grebe	*Podilymbus podiceps*
Blue-gray gnatcatcher	*Polioptila caerulea*
Black-tailed gnatcatcher	*Polioptila melanura*
Vesper sparrow	*Pooecetes gramineus*
Vermillion flycatcher	*Pyrocephalus rubinus*
Great-tailed grackle	*Quiscalus mexicanus*
Ruby-crowned kinglet	*Regulus calendula*
Rock wren	*Salpinctes obsoletus*
Black phoebe	*Sayornis nigricans*
Say's phoebe	*Sayornis saya*
Rufus hummingbird	*Selasphorus rufus*
Western bluebird	*Sialia mexicana*
Brewer's sparrow	*Spizella breweri*
Chipping sparrow	*Spizella passerine*
Northern rough-winged swallow	*Stelgidopteryx serripennis*
Western meadowlark	*Sturnella neglecta*
European starling	*Sturnus vulgaris*
Tree swallow	*Tachycineta bicolor*
Violet-green swallow	*Tachycineta thalassina*
Bewick's wren	*Thryomanes bewickii*
Bendire's thrasher	*Toxostoma bendirei*
Curve-billed thrasher	*Toxostoma curvirostre*
House wren	*Troglodytes aedon*
American robin	*Turdus migratorius*
Western kingbird	*Tyrannus verticalis*
Barn owl	*Tyto alba*
Orange-crowned warbler	*Vermivora celata*
Lucy's warbler	*Vermivora luciae*
Nashville warbler	*Vermivora ruficapilla*

Table D-3 Bird Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Virginia's warbler	*Vermivora virginiae*
Bell's vireo	*Vireo be/Iii*
Warbling vireo	*Vireo gilvus*
Wilson's warbler	*Wilsonia pusilia*
White-winged dove	*Zenaida asiatica*
Mourning dove	*Zenaida macroura*
White-crowned sparrow	*Zonotrichia leucophrys*
[1] Corman and Wise-Gervais, 2005	

Table D-4 Reptile and Amphibian Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Arizona glossy snake	*Arizona elegans nactivaga*
Sonoran desert toad	*Buja alvarius*
Great plains toad	*Buja cagnatus*
Red-spotted toad	*Buja punctatus*
Zebra tail lizard	*Callisaurus dracanaides*
Banded sand snake	*Chilameniscus cinctus*
Western shovel-nosed snake	*Chianactus accipitalis*
Gila spotted whiptail	*Cnemidaphorus flagellicaudus*
Western whiptail	*Cnemidophorus tigris*
Desert banded gecko	*Coleonyx variegatus variegatus*
Western diamondback rattlesnake	*Crotalus atrox*
Sonoran sidewinder	*Crotalus cerastes cercobombus*
Speckled rattlesnake	*Cratalus mitchellii pyrrhus*
Black-tailed rattlesnake	*Crotalus molossus*
Mojave rattlesnake	*Cratalus scutulatus*
Arizona black rattlesnake	*Cratalus viridis cerberus*
Common collared lizard	*Crotaphytus collaris*
Western collared lizard	*Crotaphytus collaris baileyi*
Desert iguana	*Dipsosaurus dorsalis*
Large spotted leopard lizard	*Gambelia wislizenii wislizenii*
Desert tortoise	*Gopherus agassizii*
Gila monster	*Heloderma suspectum*
Canyon tree frog	*Hy/a arenicalor*
Night snake	*Hypsiglena tarquata*
Sonoran mud turtle	*Kinosternon sonoriense*
Common kingsnake	*lampropeltis getula*
Western blind snake	*leptotyphlaps humilis*
Rosy boa	*Lichanura trivirgata*
Red coachwhip	*Masticophis flagellum piceus*
Arizona coral snake	*Micruraides euryxanthus*
Desert homed lizard	*Phrynosama platyrhinas*
Desert homed lizard	*Phrynosoma platyrhinos calidiarum*
Regal homed lizard	*Phrynasama so/are*
Saddled leaf-nosed snake	*Phyllorhynchus browni*
Western leaf-nosed snake	*Phyllorhynchus decurtatus perkinsi*
Sonoran gopher snake	*Pituphis melanoleucus affinis*
Bullfrog	*Rana catesbeiana*
Western long-nosed snake	*Rhinacheilus lecontei lecontei*
Western patch-nosed snake	*Salvadora hexalepis*

Table D-4 Reptile and Amphibian Species Potential Occurrence in the Vicinity of the Project Area[1]	
Common Name	**Scientific Name**
Western chuckwalla	*Sauromalus obesus obesus*
Couch spadefoot	*Scaphiopus couchi*
Western spadefoot	*Scaphiopus hammondii*
Southern spadefoot	*Scaphiopus multiplicatus*
Sonoran spiny lizard	*Sceloporus magister magister*
Yellow-backed spiny lizard	*Sceloporus magister uniformis*
Ground snake	*Sonora semiannulata*
SW black-headed snake	*Tantilla hobartsmithi*
Lyre snake	*Trimorphodon biscutatus*
Spiny softshell	*Trionyx spiniferus*
Arizona brush lizard	*Urosaurus graciosus shannoni*
Tree lizard	*Urosaurus ornatus*
Side-blotched lizard	*Uta stansburiana*
[I] Stebbins, 1985	

EXHIBIT E
SCENIC AREAS, HISTORIC SITES AND STRUCTURES, ARCHAEOLOGICAL SITES

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Describe any existing scenic areas, historic sites and structures or archaeological sites in the vicinity of the proposed facilities and state the effects, if any, the proposed facilities will have thereon.

VISUAL RESOURCES

Sensitive Viewpoints

Sensitive viewpoints consist of locations from which a significant number of individuals having some regard for the integrity of visual resources would view a landscape and be exposed to the presence of the Salt River Project Agricultural Improvement and Power District (SRP) proposed South Mountain Transmission Project (SMT Project or Project) which consists of two double-circuit 230 kilovolt (kV) transmission lines. There are no designated scenic areas within the Project area. Potential sensitive viewpoints in the Project area occur along transportation corridors within proximity of vacant, industrial, agricultural, and residential land uses from residential land uses and sensitive visual receptors where the Project could be seen.

Viewer sensitivity is based on the importance of features, conditions that affect visual perception, and social factors that contribute to view perception. The levels of sensitivity are generally classified as low, moderate, or high depending on viewer types and exposure, view orientation and duration, and viewer awareness or sensitivity to visual changes.

Visual quality is the visual pattern created by the combination of natural character landscapes and industrial and artificial features. Visual quality is typically evaluated using the following descriptions:

- Natural – the landscape exhibits distinctive and memorable natural visual features (landforms, rock outcrops, etc.) and patterns (vegetation/open space) that are largely undisturbed, usually a rural or open space setting. Few human-made developments or disturbances are present.
- Rural – the landscape consists of natural and human-made features/patterns, often the result of altering the landscape for farming or mineral extraction. These areas may not be visually distinct or unusual in the region.
- Mixed Residential and Commercial – the landscape is primarily human-made and affected by elements common to the built environment of mixed residential and commercial, and industrial areas. Human elements are prevalent or landscape modifications exist that do not compatibly blend with the natural surroundings.

Existing Conditions

Eight representative key viewpoints, or Key Observation Points (KOPs), were selected within the Project area to depict the existing visual quality. The KOPs were selected based on viewers viewing the Project from the closest sensitive visual receptors, residences, schools, recreational uses and along nearby major transportation corridors. Photos were taken during field reconnaissance in August and September 2024. The locations of the KOPs and simulations are included in figures at the end of this section in **Exhibit E-1**. **Figure E-1** depicts a map with the locations of the eight KOPs. The existing conditions and the potential visual effects of the proposed Project components are shown for the KOPs in **Figures E-2** through **E-9**.

KOP 1 (Figure E-2a) Loop 202

KOP 1 was taken from the northbound South Mountain Loop 202 Freeway (Loop 202) looking north representing the view from Loop 202 corridor to the Project route. The existing view includes Loop 202 in the foreground; a mixture of undeveloped land with sparse vegetation in the middle ground; and existing light poles, urban development, and commercial signage in the background. The visual quality is classified as mixed rural with commercial in character.

KOP 2 (Figure E-3a) South 63rd Avenue

KOP 2 was taken from South 63rd Avenue looking north towards the proposed route options. KOP 2 represents the view from current agricultural fields and vacant land. The view shows an existing conveyance channel, vegetation and disturbed habitat within the foreground and middle ground; and a residential development in the far background. The visual quality of the view is classified as mixed rural in character.

KOP 3 (Figure E-4a) Conveyance Channel

KOP 3 was taken from Laveen Area Conveyance Channel (LACC) looking northeast toward the existing Cheatham Substation. KOP 3 represents the view from the closest recreational facility to the Project, the LACC trail. The LACC trail is a public trail along the conveyance channel. The existing view shows the conveyance channel and vacant land on each side of the channel for flood control in the foreground; the flood control channel with commercial uses in the middle ground; and urban development with existing transmission poles in the background. The existing Betty H. Fairfax High School ball fields fence can be seen to the southeast in background. The visual quality is classified as mixed utility infrastructure and commercial in character.

KOP 4 (Figure E-5a) South of West Magdalena Lane

KOP 4 was taken from West South Mountain Avenue, south of an existing residence at West Magdalena Lane, looking east to the proposed alignment. KOP 4 represents the view from residences within the Estrella Vista Subdivision to the Project. The existing view includes a dirt road with a block concrete property wall to the north and grass to the east of the existing road in the foreground; existing vegetation, dirt road, and existing transmission line in the middle ground;

and residential development and mountains in the background. The visual quality is classified as rural and mixed residential in character.

KOP 5 (Figure E-6a) East of South 63rd Avenue

KOP 5 was taken from the northeast corner of the property at South 63rd Avenue looking east from a single residence. KOP 5 represents the view from that residence and also is looking towards the proposed elementary school property. The existing view includes a dirt road and vegetation in the foreground and middle ground, and residential development and existing transmission lines in the background. The visual quality is classified as rural and mixed utility and residential in character.

KOP 6 (Figure E-7a) East of South 63rd Avenue & Baseline Road

KOP 6 was taken from West Baseline Road, approximately 370 feet east of its intersection with South 63rd Avenue, looking northeast. KOP 6 represents the view from residences north of Baseline Road to the Project. The existing view includes the existing road and a vacant vegetated lot in the foreground and middle ground; and residential and commercial development, commercial signs, existing transmission lines, trees, and Loop 202 in the background. The visual quality is classified as mixed rural and commercial in character.

KOP 7 (Figure E-8a) West of South 58th Avenue

KOP 7 was taken from west of the residence at South 58th Avenue, looking west. KOP 7 represents the view from residences east of Loop 202 to the Project. The existing view includes vacant land with dirt with some disturbed vegetation in the foreground; dirt, disturbed vegetation, existing transmission lines and other utility facilities in the middle ground; and trees, mixed residential and commercial uses and mountains in the background. The visual quality is classified as mixed rural residential, commercial and mixed utility in character.

KOP 8 (Figure E-9a) South 62nd Avenue

KOP 8 was taken immediately east of the residence at South 62nd Avenue, west of Loop 202, looking southeast at the Project. KOP 8 represents the view from residences west of Loop 202 to the Project. The existing view includes low lying vegetation in the foreground; vegetation, a large commercial billboard, light poles, and an embankment to Loop 202 in the middle ground; and commercial development, light poles, and mountains in the background. The visual quality is classified as mixed rural and commercial in character.

Potential Effects

Potential effects to visual resources relate to changes in available views of the landscape and the effects of those changes on viewers. Potential effects were evaluated based on a combination of contrasts between levels of visual quality and the levels of viewer sensitivity.

Visual resources would be affected by introducing the proposed two 230 kV transmission line structures into the existing visual landscape. The structures associated with the Project introduce

straight, vertical lines and color contrast under certain lighting conditions. The effects of introducing these elements into the landscape would be apparent when viewed from sensitive viewpoints. The Project would introduce new elements into the landscape; however, they would not appreciably alter the existing form, line, color, and texture which characterize the existing landscape and they are consistent with the existing infrastructure in the area.

Visual effects associated with each of the KOPs are described below and shown in **Figures E-2b** through **E-9c** (visual simulations). These simulations show the views from the KOPs after construction of the Project. Due to the Project requiring two route options, there are different route scenarios for KOPs based on proposed routes in that viewshed.

KOP 1 (Figure E-2b) Loop 202, Routes S2, S3, N3 and N4

KOP 1 was taken from northbound Loop 202, north of the West Dobbins Road on-ramp, looking north/northwest. This simulation represents the view from a nearby major transportation corridor to the Project. The proposed view includes Loop 202 in the foreground; a mixture of undeveloped land with sparse vegetation in the middle ground; and existing light poles, urban development, and commercial signage in the background.

KOP 1 (Figure E-2b) Loop 202, Routes S2, S3, N3 and N4

The simulation depicts no change to the foreground; two proposed 230 kV transmission line route options Route S2 and Route S3, conductor and structures, in the middle ground and Route N3 and N4 in the background. These proposed structures would alter the characteristics of the existing visual landscape from a rural character to a utility corridor. However, the primary viewers from this KOP would be motorists along Loop 202 traveling at relatively high speeds; therefore, viewer exposure would be low.

KOP 2 (Figures E-3b, E-3c, E-3d) South 63rd Avenue

KOP 2 was taken from South 63rd Avenue looking north towards the proposed route options. These simulations represent the view from current agricultural/vacant land. This land is proposed for mixed use and industrial and the 63rd Avenue alignment would be built and a paved roadway. The proposed views show an existing conveyance channel, vegetation and disturbed habitat within the foreground and middle ground, and a residential development in the background.

KOP 2 (Figure E-3b) South 63rd Avenue, Routes S1, S2, N3 and N4

The simulation depicts the existing vegetation east of the conveyance channel removed and replaced with two 230 kV transmission lines Routes S1 and S2 running east of and parallel to the existing conveyance channel in the foreground, middle ground and background. Routes N3 and N4 are in the far background. These proposed structures would alter the visual characteristics of the existing visual landscape from mixed rural residential to a major utility corridor with rural residential. However, with the proposed changes in land use and 63rd Avenue fully developed, this would integrate into land use changes and lessen the visual contrast.

KOP 2 (Figure E-3c) South 63rd Avenue, Routes S1, S2, N3 and N4

The simulation depicts the existing vegetation east of the conveyance channel removed and replaced with two 230 kV transmission lines Routes S1 and S2 running west and east of and parallel to the existing conveyance channel in the foreground, middle ground and background. Routes N3 and N4 are in the far background. These proposed structures would alter the visual characteristics of the existing visual landscape from mixed rural residential to a major utility corridor with rural residential. However, with the proposed changes in land use and 63rd Avenue fully developed, this would integrate into land use changes and lessen the visual contrast.

KOP 2 (Figure E-3d) South 63rd Avenue, Routes S1, N3 and N4

The simulation depicts the existing vegetation east of the conveyance channel removed and one 230 kV transmission line Route S1 running west and parallel to the existing conveyance channel in the foreground, middle ground and background. Routes N3 and N4 are in the far background. These proposed structures would alter the visual characteristics of the existing visual landscape from mixed rural residential to a major utility corridor with rural residential. However, with the proposed changes in land use and 63rd Avenue fully developed, this would integrate into land use changes and lessen the visual contrast.

KOP 3 (Figures E-4b, E4c) Conveyance Channel

KOP 3 was taken from LACC looking northeast toward the existing Cheatham Substation. KOP 3 represents the view from the closest recreational facility to the Project, the LACC trail. The LACC trail is a public trail along the conveyance channel. The existing view shows the conveyance channel, vacant land on each side of the channel for flood control in the foreground; the flood control channel with commercial uses in the middle ground; and urban development with existing transmission poles in the background. The existing Betty H. Fairfax High School ball fields fence can be seen to the southeast in the background. The visual quality is classified as mixed utility infrastructure and commercial in character.

KOP 3 (Figure E-4b) Conveyance Channel, Routes N3 and N4

The simulation depicts the proposed transmission line conductor, and shadows, that would be created from the proposed transmission lines (Routes N3 and N4), conductor and structures in the foreground; increased shadows from the two new transmission line conductors and structures as well as the bulk and scale of the transmission lines in the middle ground; and a larger presence of transmission line facilities in the background. These proposed structures would alter the visual characteristics of the existing visual landscape from a mixed utility and commercial character to a utility corridor with mixed commercial uses.

KOP 3 (Figure E-4c) Conveyance Channel, Route N3

The simulation depicts the proposed transmission line conductor, and shadows that would be created from the proposed transmission line (Route N3) conductor and structures in the foreground; increased shadows from the new transmission line conductors and structures as well

as the bulk and scale of the transmission lines in the middle ground; and would create a larger presence of transmission line facilities in the background. These proposed structures would alter the visual characteristics of the existing visual landscape from a mixed utility and commercial character to a utility corridor with mixed commercial uses.

KOP 4 (Figures E-5b, E-5c, E-5d) South of West Magdalena Lane

KOP 4 was taken from West South Mountain Avenue, south of an existing residence at West Magdalena Lane, looking east to the proposed alignment. KOP 4 represents the view from residences within the Estrella Vista Subdivision to the Project. The existing view includes a dirt road with a block concrete property wall to the north and grass to the east of the existing road in the foreground; existing vegetation, dirt road, and existing transmission line in the middle ground; and residential development and mountains in the background. The visual quality is classified as rural and mixed residential in character.

KOP 4 (Figure E-5b) South of West Magdalena Lane, Routes S1 and S2

The simulation depicts the two proposed 230 kV transmission lines, Routes S1 and S2, in the foreground and middle ground and into the background. In this view, Routes S1 and S2 would be turning east on the west side of South 63rd Avenue. The proposed structures would increase the presence of electrical infrastructure in the area which would alter the existing visual landscape from rural and mixed residential to a mixed area with residential and major utilities. There is proposed development planned for this view; a school to the north and mixed use to the south; and that would lessen the visual contrast.

KOP 4 (Figure E-5c) South of West Magdalena Lane, Routes S1 and S2

The simulation depicts the two proposed 230 kV transmission lines, Routes S1 and S2, in the foreground and middle ground and into the background. In this view Routes S1 and S2 would be turning east on the east side of South 63rd Avenue. The proposed structures would increase the presence of electrical infrastructure in the area which would alter the existing visual landscape from rural and mixed residential to a mixed area with residential and major utilities. There is proposed development planned for this view; a school to the north and mixed use to the south; and that would lessen the visual contrast.

KOP 4 (Figure E-5d) South of West Magdalena Lane, Routes S1 and S3

The simulation depicts the two proposed 230 kV transmission lines, Routes S1 and S3, in the foreground and middle ground and into the background. In this view Route S1 would be turning east along the east side of South 63rd Avenue and Route S3 would be running along the west side of Loop 202. The proposed structures would increase the presence of electrical infrastructure in the area which would alter the existing visual landscape from rural and mixed residential to a mixed area with residential and major utilities. There is proposed development planned for this view; a school to the north and mixed use to the south; and that would lessen the visual contrast.

KOP 5 (Figures E-6b, E-6c, E-6d) East of South 63rd Avenue

KOP 5 was taken from the northeast corner of the property at South 63rd Avenue looking east from a single residence. KOP 5 represents the view from that residence but also this is looking towards the proposed elementary school property. The existing view includes a dirt road and vegetation in the foreground and middle ground, and residential development and existing transmission lines in the background. The visual quality is classified as rural and mixed utility and residential in character.

KOP 5 (Figure E-6b) East of South 63rd Avenue, Routes S1 and S2

The simulation depicts no change to the foreground and two new 230 kV overhead transmission lines, Routes S1 and S2, along the west side of the Loop 202, with conductor and structures, in the middle ground; and no change to the background but the proposed transmission lines add to the overall significance of utility infrastructure in the background. While the Project introduces the proposed 230 kV structures into the middle ground view, they are along Loop 202 and proposed development would lessen the visual contrast from this residence. The proposed development between this view and Loop 202 would be the proposed elementary school to the south and multi-family residential to the north.

KOP 5 (Figure E-6c) East of South 63rd Avenue, Routes S1, S2 and N3

The simulation depicts no change to the foreground and two new 230 kV transmission lines, Routes S1 and S2 along the west side of Loop 202, and Route N3 along the LACC with conductor and structures, in the middle ground; and structures in the background. While the Project introduces the proposed 230 kV transmission lines into the middle and background views, they are along Loop 202 and proposed development would lessen the visual contrast from this residence. The proposed development between this view and Loop 202 would be the proposed elementary school to the south and multi-family residential to the north.

KOP 5 (Figure E-6d) East of South 63rd Avenue, Routes S1, S2, N3 and N4

The simulation depicts no change to the foreground and two new 230 kV transmission lines, Routes S1 and S2 along the west side of Loop 202, and Routes N3 and N4 along the LACC with conductor and structures, in the middle ground; and structures in the background. While the Project introduces the proposed 230 kV transmission lines into the middle and background views, they are along Loop 202 and proposed development would lessen the visual contrast from this residence. The proposed development between this view and Loop 202 would be the proposed elementary school to the south and multi-family residential to the north.

KOP 6 (Figures E-7b, E-7c) East of South 63rd Avenue & Baseline Road

KOP 6 was taken from West Baseline Road, approximately 370 feet east of its intersection with South 63rd Avenue, looking northeast. KOP 6 represents the view from residences north of Baseline Road to the Project. The existing view includes the existing road and a vacant vegetated lot in the foreground and middle ground; and residential and commercial development, commercial

signs, existing transmission lines, trees, and Loop 202 in the background. The visual quality is classified as mixed rural and commercial in character.

KOP 6 (Figure E-7b) East of South 63rd Avenue & Baseline Road, Routes N1 and N2

The simulation depicts no changes to the foreground and two new 230 kV transmission lines, Routes N1 and N2, conductors and structures, in the middle ground and background. This simulation would increase the presence of electrical infrastructure in the view, which would alter the characteristics of the existing visual landscape from mixed rural residential and commercial uses to major utilities with mixed rural residential and commercial. There is proposed development between this view and Loop 202 that when developed would reduce the visual contrast.

KOP 6 (Figure E-7c) East of South 63rd Avenue & Baseline Road, Route N2

The simulation depicts no changes to the foreground and one new 230 kV transmission line, Route N2, conductors and structures, in the middle ground and background. This simulation would increase the presence of electrical infrastructure in the view, which would alter the characteristics of the existing visual landscape from mixed rural residential and commercial uses to major utilities with mixed rural residential and commercial. There is proposed development between this view and Loop 202 that when developed would reduce the visual contrast.

KOP 7 (Figure E-8b) West of South 58th Avenue

KOP 7 was taken from west of the residence at South 58th Avenue, looking west. KOP 7 represents the view from residences east of Loop 202 to the Project. The existing view includes vacant land with dirt with some disturbed vegetation in the foreground; dirt, disturbed vegetation, existing transmission line and other utility facilities in the middle ground; and trees, mixed residential and commercial uses and mountains in the background. The visual quality is classified as mixed rural residential and commercial in character.

KOP 7 (Figure E-8b) West of South 58th Avenue, Route N1

The simulation depicts no change would occur in the foreground; the addition of one new 230 kV transmission line, Route N1, in the middle ground; and no change to the background. The Project will introduce the proposed 230 kV structures and transmission conductor that could be visible in the background from KOP 7; however, these proposed structures will not substantially alter the characteristics of the existing visual landscape since there is an existing 230 kV transmission line in the existing conditions.

KOP 8 (Figure E-9b, E-9c) South 62nd Avenue

KOP 8 was taken immediately east of the residence at South 62nd Avenue, west of Loop 202, looking southeast at the Project. KOP 8 represents the view from residences west of Loop 202 to the Project. The existing view includes low lying vegetation in the foreground; vegetation, a large commercial billboard, light poles, and an embankment to Loop 202 in the middle ground; and

commercial development, light poles, and mountains in the background. The visual quality is classified as mixed rural and commercial in character.

KOP 8 (Figure E-9b) South 62nd Avenue, Routes N1, N2, S2 and S3

The simulation depicts new conductor in the foreground; two new 230 kV transmission lines, Routes N1 and N2 conductor and structures, in the middle ground and Routes S2 and S3 in the background. The proposed structures would increase the presence of electrical infrastructure in the area which would alter the existing visual landscape from mixed rural residential and commercial to major utilities mixed with rural residential and commercial. However, this is located adjacent to Loop 202, which is a major transportation corridor.

KOP 8 (Figure E-9c) South 62nd Avenue, Routes N2, S2 and S3

The simulation depicts new conductor in the foreground; one new 230 kV transmission line, Routes N2 conductor and structures, in the middle ground and Routes S2 and S3 in the background. The proposed structures would increase the presence of electrical infrastructure in the area which would alter the existing visual landscape from mixed rural residential and commercial to major utilities mixed with rural residential and commercial. However, this is located adjacent to Loop 202, which is a major transportation corridor.

HISTORIC AND ARCHAEOLOGICAL RESOURCES

A Class I Cultural Resources inventory was prepared for the Project to provide a basis to evaluate the potential for cultural resources impacts within the Project area as well as to provide baseline cultural resources information to support consultation with agencies, as necessary, on potential mitigation requirements. The Class I Cultural Report is included in **Exhibit E-1** and includes information on the overall Project. Correspondence with the Native American Tribes, Arizona State Historic Preservation Office (SHPO) and the City of Phoenix Archaeologist Office (CAO) and City Historic Preservation Office (CHPO) are included in **Exhibit E-2**. A Class III survey will be completed for the Project area following issuance of a CEC and will be submitted to all consulting parties for concurrence prior to any ground disturbing or construction activities.

Existing Conditions

Archaeological evidence of prehistoric occupation in the Phoenix Basin dates to nearly 4,000 years ago. Succeeding cultural development in the region includes the Hohokam sequence and later Akimel O'odham and Piipash. The historic period begins with the 1753 founding of the first permanent Spanish settlement in the region. Governance of the area transferred to Mexico in 1821 and the United States in 1853. The earliest American-period land use in the vicinity of the Project area was limited to scattered homesteads and wagon roads connecting distant population centers. Communities close to the Project are the Laveen area which was first settled by Euroamericans in the 1880s for farming and dairy production (Laveen Community Council 2009). In the early 1900s, Walter Laveen homesteaded the area surrounding the intersection of Dobbins Road and 51st Avenue (approximately 1.4 miles east of the APE). Along with a dairy, he established a general store, donated land for a schoolhouse (opened in 1913) and became the first postmaster of Laveen

in 1918. Until the construction of Roosevelt Dam in 1911, the community was isolated from Phoenix by the Salt River, with no crossing in the local area.

Previous Cultural Resources Survey

The records search of the Area of Potential Effects (APE), which is defined as the multiple alternative transmission ROW alignments discussed in this Application, combined with a 1-mile buffer was examined to identify any potential for impacts to cultural resources associated with the proposed Project. The records search and literature review revealed that ten previous investigations have been conducted within the APE (**Table E-1**). An additional 21 investigations have been conducted outside of the APE but within one mile (**Table E-2**). The CAO identified 53 more projects within the one-mile search buffer but did not provide maps of these projects, so portions of some of these projects may also fall within the APE. **(Table E-3)**. Collectively, 30 of the prior projects were completed in the last 10 years, a testament both to the area's recent growth and the number of cultural resources in the Project vicinity.

Table E-1. Previous Investigations Intersecting the APE (N=10)

Report ID	Year	Author	Project	Company	Location to Project Route
87-002.ASU	1987	Rice, Glen E., and Todd Bostwick	Southwest Loop Freeway	ASU Office of Cultural Resource Management	Intersects routes N1, N2, N3, N4, S1, S2, S3, S4
1995-263.ASM	1995	Robinson, Christine K.	59th Avenue	Soil Systems, Inc.	Intersects routes N1, N2, N3, N4
2001-108.ASM	2001	Rogge, A. E.	Laveen Area Conveyance Channel	URS Corporation	Intersects routes N3, N4, S4
2003-600.ASM	2003	Hart, David	Survey of 40 Acres at 55th Avenue and Baseline Road	Northland Research, Inc.	Intersects route N4
2003-1499.ASM	2005	Darling, J. Andrew	Five Alternative Alignments in the South Mountain Freeway Corridor Study Area	Gila River Indian Community	Intersects routes N1, N2, S1, S2, S3, S4
2005-147.ASM	2005	Kennedy, Kimberly R.	Baseline Road Sewer, 59th to 71 Avenues	Carter & Burgess, Inc.	Intersects routes N1, N2
2009-122.ASM	2009	Brodbeck, Mark	South Mountains EIS 2009	HDR Engineering, Inc.	Intersects routes N1, N2, N3, N4, S3
2011-567.ASM	2011	Yunker, Brian	Evergreen 63rd Avenue and South Mountain Survey	Soil Systems, Inc.	Intersects route S1
2012-11.ASM	2012	Breternitz, Cory Dale	HDR, COP, H20 Survey	Soil Systems, Inc.	Intersects routes N1, N2, N3, N4

Table E-1. Previous Investigations Intersecting the APE (N=10)					
PGM 2021-060	2022	Dytchkowskyj, Deanna	134.04 Acres of Private Land for a Proposed Solar Development in Laveen Village	PaleoWest, LLC	Intersects routes S1, S2, S3, S4

Table E-2 Previous Investigations within the 1-mile buffer (N = 21)				
Report ID	Year	Author	Project	Company
1988-4.ASM	1988	Roth, Barb	Calmat Co. State Land Survey	Unknown
1992-239.ASM	1992	Crary, Joseph	Tucson-Phoenix III	Archaeological Consulting Services
1994 – 6.ASM	1994	Douglas, Diane L.	Class III Survey of Proposed Quarry at Salt River	Archaeological Consulting Services
1997-202.ASM	1997	Rogge, A. E.	51st Avenue – Lower Buckeye Road to the Boundary o	Dames & Moore
1999 –486.ASM	1999	Larkin, Robert	Anasazi Door, LLC Project	Stantec
1999-521.ASM/SHPO-2000-2126	1999	Grafil, L. S., and H. S. Schaafsma	Laveen Sewer Relief	Logan Simpson Design, Inc.
2001-505.ASM/SHPO-2001-1609	2001	Slawson, L.	Fowler Survey	Aztlan Archaeology, Inc.
2003-71.ASM	2003	Clark, Tiffany C.	HDR5	Desert Archaeology, Inc.
2003-1485.ASM	2003	Clark, Tiffany C.	67th Avenue Water Transmission Main Archaeology	Desert Archaeology, Inc.
2004-118.ASM	2004	Marshall, John T.	67th Avenue and Baseline Road Survey	Northland Research, Inc.
2004-461.ASM	2004	Kober, Brent	Baseline and 51st Avenue Survey	Northland Research, Inc.
2004-1084.ASM/SHPO-2002-1022	2004	Brown, Gregory B.	Laveen Pump Station	Logan Simpson Design, Inc.
2004-1833.ASM	2004	Shaw, Chester W., Jr.	51st Avenue and Dobbins Road Survey	Northland Research, Inc.
2005-51.ASM	2005	David, Stephen	Baseline/51st	Professional Archeological Services & Technology
2006-408.ASM	2006	Moore, Scotty B.	51st Avenue and Elliot Road Survey	Northland Research, Inc.
2008-480.ASM	2008	Ryan, Kimberly	51st Ave (Dobbins-LACC)	EcoPlan Associates, Inc.
2009-385.ASM	2009	Stokes, Robert J.	67th Avenue Crossing at Silver River	Archaeological Consulting Services
2009-576.ASM	2009	Erickson, Kirsten	PHO Laveen Ranch	URS Corporation
2011-514.ASM	2011	Moses, James	PHO Beverly	Antigua Archaeology, LLC

Table E-2 Previous Investigations within the 1-mile buffer (N = 21)				
Report ID	Year	Author	Project	Company
2020-245.ASM	2020	Kovalchik, Jacob	Southern Avenue: 51st Avenue to 37th Lane	Archaeological Consulting Services
2021-83.ASM	2021	Fjerstad, Branden	Ashton Woods – Estrella Crossing Reclamation Easement	SWCA Environmental Consultants, Inc.

Table E-3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
1999-013	2000	Grafil, Linda S.	75th Ave Waterline, Survey	Logan Simpson	Survey
1999-013	2001	Brown, Gregory	75th Ave Waterline, Preliminary Report	Logan Simpson	Testing, data recovery
1999-013	2001	Courtright, J. Scott	75th Ave Waterline, Preliminary Report of Additional Testing	Logan Simpson	Preliminary testing
1999-013	2001	Courtright, J. Scott	75th Ave Waterline, Final Report	Logan Simpson	Testing, data recovery
2000-044	2001	Clark, Tiffany, and T. Kathleen Henderson	67th Ave. Sewer	Desert Archaeology	Monitoring and testing
2002-045	2004	Clark, Tiffany	67th Ave/Baseline	Desert Archaeology	Testing
2005-049	2006	Mitchell, Douglas R., and Chris North	Testing at Two Sites in the Laveen Farms Development	SWCA	Testing
2006-014	2009	Ryan, Kimberly, and Jill Heilman	51st Ave: LACC to 200' North of Dobbins	EcoPlan	Testing
2006-027	2006	Gage, Gina S.	Survey of 78.7 Acres NW of Dobbins Road and 67th Ave. McClellan Ranch	Northland	Survey
2014-025	2015	Brodbeck, Mark	South Mountain Freeway, W59 and E1 Alignments	HDR	Survey
2014-025	2016	Bartholomew, Alan L., and Mark Brodbeck	South Mountain Freeway, EIS Reevaluation	HDR	Survey
2014-025	2016	Chenault, Mark	South Mountain Freeway, AZ T:12:423(ASM) Data Recovery, Preliminary	HDR	Testing
2014-025	2017	Bowler, Maggie R.	South Mountain Freeway, EIS Reevaluation	AZTEC	Survey
2014-025	2017	Bowler, Maggie, Deil R. Lundin, and Chris Papalas	South Mountain Freeway, EIS Reevaluation	AZTEC	Survey
2014-025	2017	Brodbeck, Mark	South Mountain Freeway, Three Parcels	HDR	Survey

Table E-3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, AZ T:12:423(ASM) Data Recovery, Preliminary	WestLand	Data Recovery
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, Site 423 West Phase I Data Recovery, Preliminary	WestLand	Data Recovery
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, Site 423 West Phase II Data Recovery, Preliminary	WestLand	Data Recovery
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, AZ T:12:204(ASM) Data Recovery, Preliminary	WestLand	Data recovery
2014-025	2018	Charest, Jeffrey	Site 91-W-FW EOF Report	Westland	Data recovery
2018-012	2023	Klebacha, Caroline	Legacy at Hudson Commons	PaleoWest	Survey
2019-005	2019	Stone, Bradford W.	Hancock South Mountain	WestLand	Survey
2019-005	2019	Bernatchez, Jocelyn A.	Hancock South Mountain	Westland	Testing
2019-032	2023	Arp, Ryan, and Steve Swanson	McClellan Ranch, AZ T:12:9(ASM)	EPG/Terracon	Data recovery
2019-092	2019	Hayden, Caitlin	Estrella Crossing Survey	SWCA	Survey
2019-093	2021	Arp, Ryan, Chris Papalas, and Steve Swanson	67th Avenue & Dobbins Survey	EPG	Survey
2019-101	2020	Green, Cory, and Chad V. Kirvan	59th Ave & Southern, End of Fieldwork Report	PaleoWest	Testing
2019-101	2022	Forest, Marion, Chad V Kirvan, and Angela Huster	59th Ave & Southern, Archaeological Investigations	PaleoWest	Data recovery
2020-067	2020	Papalas, Christopher A., and Ryan Arp	61st Ave & Baseline Survey	EPG	Survey
2021-024	2021	Arp, Ryan, and Steve Swanson	Survey of 28 Acres at the Northwest Corner of 59th Ave and Dobbins	EPG	Survey
2021-048	2022	Chamorro, Sebastian	Laveen Park Place (South of Conveyance Channel)	PaleoWest	Testing
2021-050	2021	Arp, Ryan, and Steve Swanson	Dobbins Park	EPG/Terracon	Testing
2021-060	2022	Dytchkowskyj, Deanna	West Dobbins & Loop 202 Class III	PaleoWest	Survey

Table E-3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
2022-014	2022	Deats, Jennifer K., Deanna Dytchkowskyj, and Angela Hunter	59th & Dobbins Development Class III	PaleoWest	Survey
2023-017	2023	Schroeder, David	Dobbins 202 West Class III	PaleoWest	Survey
ADOT	1987	Bostwick, Todd, and Glen E. Rice	Southwest Freeway Loop	COP	Survey
ADOT	2005	Darling, J. Andrew	South Mountain Freeway, Five Alternative Alignments	GRIC CRMP	Survey
N/A	1995	Owens, Jeffrey D.	59th Ave: Southern to Dobbins	Soil Systems, Inc.	Survey
N/A	2003	Marshall, John T.	67th Ave./Baseline Rd.	Northland	Survey
N/A	2007	Howard, Jerry B.	Laveen #8 School	Howard Archaeological Surveys	Survey
Private	2000	Ellis, J. Grace	Phoenix Waterline, 35th Ave/Broadway to 67th Ave/Baseline	Soil Systems, Inc.	Survey
Private	2003	Marshall, John T.	Laveen Meadows Project	Northland	Testing
Private	2004	North, Chris, John M. Lindly, and Ronald F. Ryden	Testing Near AZ T:12:90(ASM)	SWCA	Testing
Private	2005	Lindly, John M.	Pueblo Primero	SWCA	Monitoring and data recovery
Private	2009	Erickson, Kirsten, and A.E. (Gene) Rogge	Verizon Wireless PHO Laveen Ranch	URS	Survey
--	1994	Douglas, Diane	51st Avenue Quarry	ACS	Survey
--	2003	Ryden, Ronald F., and Douglas R. Mitchell	67th Ave/Baseline	SWCA	Testing
--	2005	Stephen, David V. M.	Baseline & 51st Ave.	Archaeological Research Services	Survey
--	2005	Self, William	SFPP LP East Line Extension	William Self Associates	Survey
--	2007	Ravesloot, John C., M. Kyle Woodson, and Michael J. Boley	SFPP LP East Line Extension	William Self Associates	Testing and data recovery

Table E-3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
--	2017	Charest, Jeffrey P.	South Mountain Freeway, AZ T:12:91(ASM) Phase 1 Data Recovery, Preliminary	WestLand	Data recovery
--	2017	Chenault, Mark L.	South Mountain Freeway, AZ T:12:221(ASM) Phase II Data Recovery, Preliminary	WestLand	Data recovery
--	2018	Bowler, Maggie R.	Loop 202-South Mountain Freeway, EIS Reevaluation	AZTEC	Survey

Previously Recorded Archaeological Sites

Eight previously recorded cultural resource sites were identified intersecting the APE: archaeological sites AZ T:12:9(ASM), AZ T:12:14(PG), AZ T:12:90(ASM), AZ T:12:91(ASM), AZ T12:92(ASM), AZ T:12:153(ASM), AZ T:12:204(ASM), and historic-age building SMFA0010 (**Table E-4**). Thirty (30) additional cultural resources were identified outside of the APE but within the 1-mile buffer of the APE (**Table E-5**). As shown on the Howard and Huckleberry Canal Maps (as depicted in AZSite 2024), three ancient canals are projected to intersect Project routes N1, N2, and S4. Several historic-age open and piped lateral canals intersect the Project, at routes N1, N2, N3, N4, S1, S2, S3, and S4; most of these are managed by SRP and none of them are designated historic laterals or eligible for listing on the NRHP per the 2013 Programmatic Agreement between Reclamation, SHPO, and SRP regarding operations and maintenance of the Salt River Project canals.

Table E-4. Previously Identified Sites within the APE (N=8)				
Agency Number	Site Type	Site Description	NRHP Status	Location to Project Route
AZ T:12:9(ASM)	Prehistoric/ historic	Villa Buena (Prehistoric Village Hohokam Classic/Pre-Classic)	Eligible (SHPO 2005-1703)	Intersects route S1
AZ T:12:14(PG)	Prehistoric	Hohokam site – artifact scatter	Eligible (ADOT 2016)	Intersects routes S1 and S2
AZ T:12:90(ASM)	Prehistoric	Hohokam site – artifact scatter	Recommended ineligible (2001)	Intersects route N1
AZ T:12:91(ASM)	Prehistoric	Hohokam site – trail, artifact scatter, possible human remains	Eligible (SHPO 2003–1890)	Intersects routes S1, S2, S3, and S4
AZ T:12:92(ASM)	Prehistoric	Hohokam site – Prehistoric Canal	Assumed eligible (SHPO 2022)	Intersects routes N3 and N4
AZ T:12:153(ASM)	Historic	Maricopa Drain – 8-mile earthen channel	Ineligible (SHPO 2011-0659)	Intersects routes N1, N2, N3, and N4
AZ T:12:204(ASM)	Prehistoric	Low density artifact scatter (Hohokam Colonial Period)	Eligible (SHPO 2003-1890)	Intersects route N1
SMFA0010	Historic	Colvin-Tyson/Barnes Dairy barn	Recommended eligible (2005)	Intersects route S4

Table E-5. Previously Identified Sites within the 1-mile buffer (N= 30)			
Agency Number	Site Type	Site Description	NRHP Status
AZ T:12:11(ASM)	Prehistoric	Pueblo Primero- High density artifact scatter (Hohokam Pre-Classic/Classic Period)	Recommended eligible (2003)
AZ T:12:52(ASU)	Historic	Relocated adobe	Unknown
AZ T:12:55(ASU)	Prehistoric	Hohokam site – artifact sherds, flakes, ground stone, and slag. Prehistoric Canal	Assumed eligible (SHPO 2022)
AZ T:12:87(ASM)	Prehistoric	Artifact scatter along prehistoric canal	Ineligible (SHPO 2008-1306)
AZ T:12:88(ASM)	Prehistoric	Artifact scatter along prehistoric canal	Ineligible (SHPO 2008-1306)
AZ T:12:133(ASM)	Prehistoric	Hohokam Late Pre-Classic to Early Classic Period artifact scatter	Ineligible (SHPO 2002-1022), recommended eligible (COA)
AZ T:12:134(ASM)	Multi-component	Historic canal and multi-component artifact scatter	Eligible (CAO)
AZ T:12:138(ASM)	Prehistoric	Pueblo Primero – Hohokam habitation, canal, ballcourt	Eligible (SHPO 2009-0622)
AZ T:12:142(ASM)	Prehistoric	Canal Laveen – Hohokam irrigation canal	Eligible (SHPO 2014-0436)
AZ T:12:143(ASM)	Prehistoric	South Branch Canal – Hohokam irrigation canal	Assumed eligible (SHPO 2022)
AZ T:12:151(ASM)	Prehistoric	Habitation site including hearths, thermal pit, and artifact scatters	Eligible (SHPO 2003-1890)
AZ T:12:186(ASM)	Prehistoric	Hohokam Pre-Classic/Classic Period site – artifact scatter	Recommended eligible (2003)
AZ T:12:205(ASM)	Multi-component	Artifact scatter, disturbed	Eligible (SHPO 2003-1890)
AZ T:12:221(ASM)	Prehistoric	Artifact scatter, low density	Eligible (SHPO 2003-1890)
AZ T:12:423(ASM)	Multi-component	Hohokam Canal Primero and artifact scatter, historic Canal León	Eligible (SHPO 2003-1890)
AZ T:12:441(ASM)	Unknown	Unknown	Unknown
Midvale T1S R2E S5	Prehistoric	Unknown prehistoric site	Unknown
NA15677	Prehistoric	Structural mound – (Hohokam Classic Period)	Unknown (likely eligible)

Table E-5. Previously Identified Sites within the 1-mile buffer (N= 30)			
Agency Number	Site Type	Site Description	NRHP Status
SMFA0008	Historic	Tyson farmhouse (1930)	Recommended contributing (2005)
SMFA0009	Historic	Colvin farmhouse (1921)	Recommended ineligible (2005)
SMFA0013	Historic	Hackin farmhouse (1930)	Recommended ineligible (2005)
SMFA0014	Historic	Hackin farmhouse (1943)	Recommended ineligible (2005)
SMFA0015	Historic	Hackin horse barn	Recommended ineligible (2005)
SMFA0016	Historic	Hackin dairy barn	Recommended eligible (2005)
SMFA0017	Historic	Hudson farmhouse	Recommended contributing (2005)
SMFA0018	Historic	Hudson machine shed	Recommended contributing (2005)
SMFA0019	Historic	Hudson stave silos	Recommended eligible (2005)
SMFA0020	Historic	Hudson garage/apartment	Recommended contributing (2005)
SMFA0021	Historic	Hudson capacity barn	Recommended contributing (2005)
Site No. 13	Historic	George Cheatham House	Recommended eligible (City HPO 2007)

AZ T:12:9(ASM) Villa Buena, Prehistoric Village Hohokam Classic/Pre-Classic

This resource, reported to be three or more ball courts in 1928, was updated by J.E. Ayres (1964) and was updated with a survey by Brenda Randolph (2005). The site is located on a privately-owned, plowed agricultural field intersected by municipal road and lateral canal rights-of-way. The area has been somewhat disturbed by farming straddling the GRIC boundary. Recorders noted a high density artifact scatter present in the cotton fields north and south of Dobbins Road. Thousands of ceramics, hundreds of chipped artifacts, and over twenty ground stone items were present. Some Historic Period American items were also present (aqua glass and a painted pop bottleneck). The site was determined eligible for listing in the NRHP under Criterion D, with SHPO concurrence (SHPO-2005-1703, August 16, 2006). Portions of the site have been subject to recent testing and data recovery excavations (Arp and Swanson 2021, 2023)

AZ T:12:14(PG) – Hohokam Site

This prehistoric Hohokam site includes Preclassic and Classic components. Informants in 1939 stated that manos, metates, and large and small well-polished axes had been encountered by plowing. The resource was recommended eligible for listing on the NRHP, and portions were

investigated in association with the South Mountain Freeway project (COA report 2014-025 - Charest 2018).

AZ T:12:90(ASM) – Hohokam site – artifact scatter

This Hohokam site is located in plowed fields on the south side of the Salt River floodplain. Surface artifacts observed include sherds (Salt Red, Wingfield Plain, and red-on-buff), ground stone (mano and metate fragments), chipped stone (basalt cores, choppers, and flakes; obsidian), and slag. Extensive testing was conducted in 2001 (2004-1084.ASM) that revealed significant disturbance from prior farming. Subsurface finds included historic era water control features, historic artifacts, and a small number of prehistoric artifacts, primarily ceramics. The resource was recommended ineligible for the NRHP. A 2013 survey noted extensive impacts to the portion of the site along Southern Avenue from sewer line trenching.

AZ T:12:91(ASM) – Hohokam artifact scatter, human remains

This resource was originally recorded by Jeffery D. Owens (1995) and then updated by J Andrew Darling (2005). It is a Hohokam site located 1.5 miles south of the Salt River on a terrace by 59th Avenue. The site consists of a short trail leading to a circular cleared area, a small rock ring, and a large rock ground stone. Chipped stone artifacts are present at surface level and in dense quantities. Fragments of stone tools primarily consisting of hammer stones, cores, chippers, and large basalt flakes are present. Both jars and bowls are present including Gila Bend, Salt Red, Gila Plain, and unidentified Red-on-Buffs. Additionally, human remains are present as reported by a local farmer who found an ax and human bone at the site (Bostwick and Rice 1987). The updated survey in 2005 mention no extant remains at this site on the ground surface, although intact subsurface deposits may exist below the plow zone (Darling 2005). The site was determined eligible for listing in the NRHP under Criterion D with SHPO concurrence (SHPO-2003-1890, August 7, 2005).

AZ T:12:92(ASM) - Prehistoric Hohokam site – canal

The resource was originally recorded by Jeffry D. Owens (1995). The site consists of a potential Hohokam irrigation canal. The feature is described as a narrow, slightly depressed channel containing dark, organic soils. The feature extends 600 meters from 59th Avenue to 275 meters south of Baseline Road. No additional cultural features were associated with the site. The site has not been individually evaluated for eligibility for listing in the NRHP but, as a projected Hohokam irrigation canal, is assumed eligible per SHPO guidance (SHPO 2022).

AZ T:12:153(ASM) - Historic Maricopa Drain

The site, an in-use historic structure, consists of the Maricopa Drain, which was constructed in the 1920s according to SRP archival documents (White et al. 2001). It is an 8-mile earthen channel which ranges in width between 10 to 30 feet. The drain has been clean and maintained, more intensively since the 1970s, and remains an unlined, earthen channel. Although the area in and around the feature has been somewhat modified, the drain remains functional. The 2001 recorder recommended the resource as eligible for NRHP listing, but an ASM report, submitted by Kirsten Erikson and A.E. Rogge (2009), mentions that a section of the channel was impacted and determined ineligible for NRHP listing (SHPO 2011-0659).

AZ T:12:204(ASM) - low density artifact scatter – Hohokam

The original recording was by J. Andrew Darling (2005). The artifact scatter is a Hohokam site dating to the colonial period. It contains multiple artifact types, mostly located on privately owned residential property. The site consists of ceramics and chipped stone, including two Gila Butte Red-on-Buff sherds and three Santa Cruz or Sacaton Red-on-buff sherds. Additionally, three basalt hammerstones, one ground stone fragment, and a shell bracelet fragment were present (Darling 2005). This site was determined for Eligible for listing the NRHP under Criterion D with SHPO concurrence (SHPO-2003-1890, August 7, 2006).

SMFA0010 – Colvin-Tyson/Barnes Dairy barn

This historic resource, a head-to-toe dairy barn, was built by the Barnes family ca. 1950 as part of their dairy operation. The barn is of concrete-block construction on a concrete slab foundation with a low-pitch sheet metal roof. The property was recommended individually eligible for NRHP listing, and also as a contributor to a proposed historic rural streetscape that includes the portion of Dobbins Road bounded by 6102 and 6159 W Dobbins Road (Pratt 2005). It appears the SR 202L may have been designed to avoid this structure.

Historic Document Review

A review of historic maps and aerial photographs confirms the historic research and shows historic land use patterns. The project area is shown on the original survey maps from 1868, 1900, 1919, 1920, and 1921 plats show several plots of lands and unmarked wagon roads with little to no major development (BLM GLO 1868, 1900, 1919, 1920, and 1921).

The 1868 survey map for Township 1 North/Range 1 East shows a Salt River crossing through the southwest and southeastern portion of Section 25, heading eastwards, and a slough stream running through the northwestern and northeastern portion heading north. The survey map of Township 1 North, Range 2 East, also from 1868, depicts the Salt River fork within the southeastern portion of Township 1 North, Range 2 East, Section 30 moving westbound towards Section 29. The fork splits into the northern and southern channels which moves through the northwestern and southern portion of Section 29. Little to no change is shown on maps in this area between 1868 and 1900 (BLM GLO 1868, 1900).

In the survey map of 1900, Ivy's store is 0.4 miles southeast of the parcel of the proposed substation in Section 7 at the intersection of two dirt roads, which do not match any modern road corridors. The Whispering Tree Ranch today is near Ivy's store (BLM GLO 1900). In the 1920 plat, the southwestern portion of Township 1 South, Range 2 East, Section 7, the Gila River Indian Reservation border is 0.3 miles southwest from the parcel of the proposed substation. A dirt road marked "Road to Salt River" runs northbound through the southeast and northeast portion of Section 7, adjacent to the APE but then disappears 0.5 miles to the north (BLM GLO 1920). Sometime between 1900 and 1933, Sections 5-7 and Section 17-18 of Township 1 South, Range 2 East present several homesteads and land grants on both sides of the Gila River Reservation (BLM 2024).

The homesteads that are intersected by the APE are the homesteads of Chester Innis, Samuel G. Witten, and Ella Thompson within Section 7 of Township 1 South, Range 2 East (BLM 2024). In the southeastern portion of Section 6, the homesteads of Robert Azbill, Manuel R Contreras, and Edwin Oglesby are near the APE (BLM 2024). The APE heads through the northwestern corner

of Section 5 and crosses through the homesteads of Francisco Angulo in the southern half of the northwest corner, the homestead of Franklin B Harvey, and the homestead of Roger G. Laveen (BLM 2024). The APE intersects with the property of Henry D. Underwood at Township 1 North, Range 2 East, Section 31 (BLM 2024). The survey map from 1921 for Township 1 South, Range 1 East, Section 1 shows the homestead of Dominique Claberot within the southern half of the northeast corner (BLM 2024).

The earliest USGS maps from 1912 and 1946 show large areas of undeveloped lands. The 1912-1913 Western Canal runs across the southeastern portion of Township 1 South, Range 2 East, Section 8 heading eastbound through Sections 9 and 12 and continues for several miles (USGS 1912, 1946). Between 1912 and 1914, the USGS topographical maps reveal little to no development near the north or south routes. A branch of the canal runs parallel with the precursor to Elliot Road, one mile south of the parcel of the proposed substation and ends by the Gila River Indian Community boundary on the southwestern edge of Section 7 and the northern portion of Section 18. Little to no development occurs along Dobbins Road or West Baseline Road.

Another branch of the Western Canal is 0.45 miles east of the proposed substation parcel and the APE (USGS 1912, 1914, 1932, 1946). By 1952, this branch of the canal extended 0.5 miles west along the future West Olney Avenue through the middle portion of Section 7 and in between the new substation and the connecting northern routes (USGS 1952). Additionally, the main roads, such as 59th Avenue, appear 0.31 miles east. 51st avenue and the intersecting Dobbins Road develop into two lane highways (USGS 1952).

Centered on the intersection of Dobbins and 59th, the town of Laveen sits 1.75 miles east of the APE between the southeastern edge of Township 1 North, Range 2 East, Section 5, and the northeastern edge of Section 8. Areas around Maricopa Village develop further, and the Maricopa Village cemetery is placed near Dobbins Road on Township 1 South, Range 1 East, along the southeastern edge of Section 2 and the northeastern edge of Section 11, 1.6 miles west of the APE. (USGS 1952).

Between 1953 and 1973, a few more urban and residential developments emerge. In 1967, a few silos are constructed on the northeastern corner of Section 7 and 0.6 miles northeast from the parcel of the proposed substation. South 63rd Avenue is shown running parallel with the APE heading north towards West Baseline Road. Along 63rd Avenue, a few more residential developments appear. Further developments are also placed between Baseline Road and Dobbins Road by Township 1 South, Range 2 East, Section 6 and Township 1 North, Range 2 East Section 31. Additionally, Rancho Grande appears 0.2 miles west of the APE in the southwestern portion of Section 31.

Both aerial and topographical maps reveal that between 1958 and 1973, the area is divided up into agricultural land that was used for orchards and various crops. Sometime in 1971, the recycling center is created east of the APE in Township 1 South, Range 2 East, in the southeastern portion of Section 6. Other areas west of the APE were largely undeveloped with little to no vegetation at all (Maricopa County 1958, 1971, 1973). In sum, little to no development occurred in this area until sometime between 2017 and 2019, when the South Mountain Freeway SR202L was

constructed (Maricopa County 2017, 2019). Completion of the freeway has spurred widespread residential, commercial, and industrial development.

Several properties within the one-mile search buffer are listed on the City of Phoenix *Historic Property Register* (City of Phoenix 2024). The Colvin-Tyson Farmstead / Barnes Dairy at 6159 West Dobbins Road includes the 1921 Colvin farmhouse (SMFA0009), the 1930 Tyson farmhouse (SMFA0008), and a head-to-toe dairy barn constructed ca. 1950 (SMFA0010). The Hackin farmstead at 10048 South 59th Avenue includes the 1930 farmhouse (SMFA0013), the 1943 farmhouse (SMFA0014), a modified horse barn constructed in the 1930s-1940s (SMFA0015), and a dairy "flat" barn likely constructed in the 1930s-1940s (SFMA0016). The Hudson farm includes the 1920s farmhouse modified in the 1940s-1950s (SMFA0017), as well as a machine shed (SFMA0018), a pair of concrete stave grain silos (SFMA0019), a steel capacity barn (SFMA0021), and garage/apartment (SFMA0020), all constructed in the 1940s.

Potential Effects

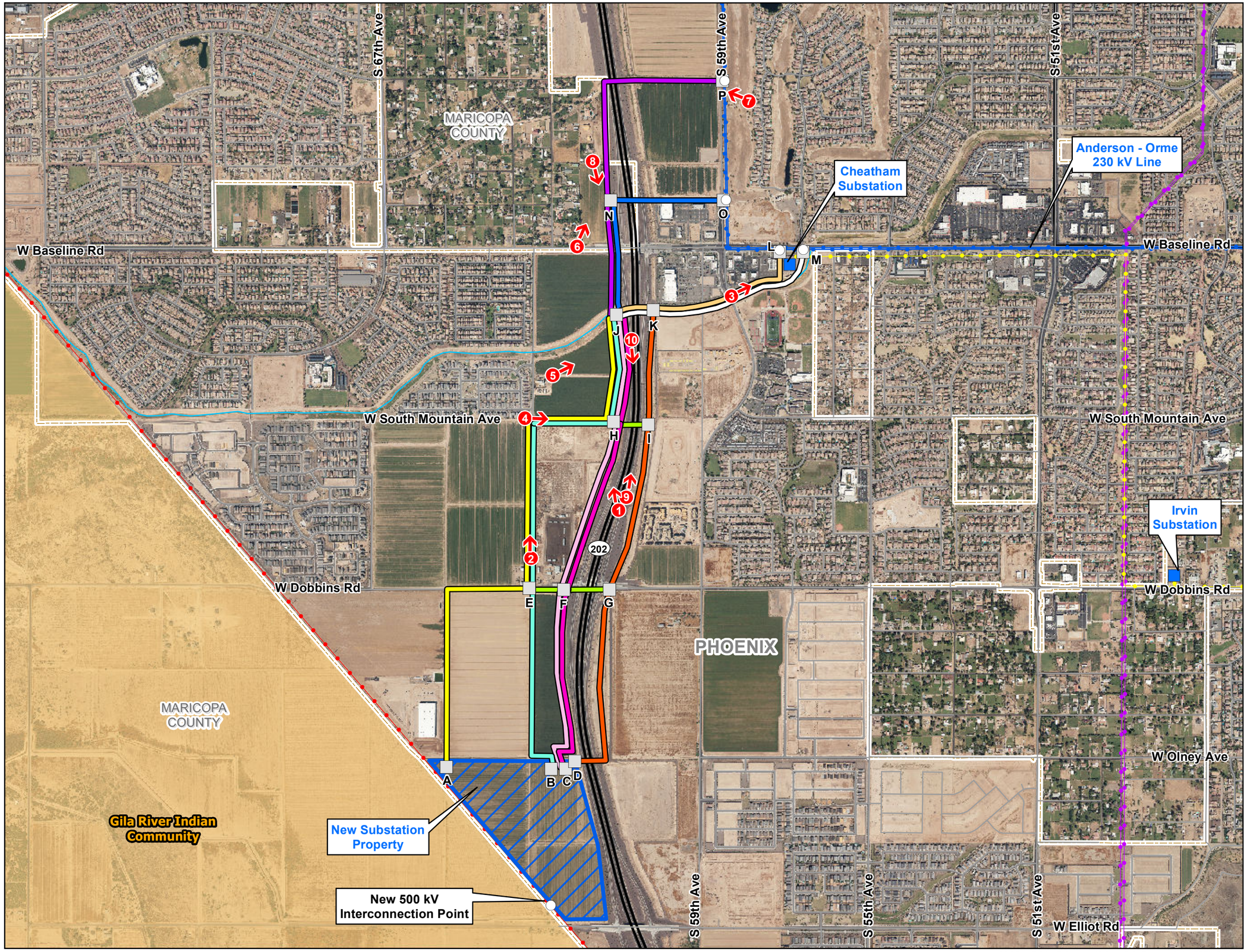
A cultural resources records and literature review was conducted in August 2024. The purpose of the investigation was to identify previously recorded cultural resources, which may include archaeological sites (prehistoric or historic), structures, buildings, landscapes, districts, or objects for their respective eligibility according to the criteria for inclusion in the NRHP. The majority of the APE has been subject to prior cultural resources survey, however many of these projects are more than 10 years in age and may no longer provide adequate inventory of cultural resources. On the other hand, 29 cultural resource projects were completed in the vicinity of the APE over the last 10 years, a testament not only to the area's recent growth, but also demonstrating that significant cultural resources are present.

The Class I cultural inventory identified eight cultural resources intersecting the various routes that comprise the APE. Of these, six are archaeological sites that have been either determined eligible for the NRHP (AZ T:12:9(ASM), AZ T:12:14(PG), AZ T:12:91(ASM), and AZ T:12:204(ASM)), are assumed eligible for the NRHP (AZ T:12:92(ASM)), or are a historic-age structure recommended eligible for the NRHP (SMFA0010). Of the remaining two resources, one is an archaeological site (AZ T:12:153(ASM)) that has been determined ineligible for the NRHP and one is a site (AZ T:12:90(ASM)) that has been recommended ineligible for the NRHP though no official SHPO documentation is on file.

For these reasons, we recommend that SRP conduct a new Class III survey of the proposed facilities and the selected alternative transmission lines, where feasible, prior to construction.

Appropriate mitigation measures at previously known sites, or any sites newly discovered during subsequent Class III pedestrian surveys would be developed in consultation with the appropriate land managing agencies, including SHPO, and interested Tribes, and subsequently implemented prior to any ground disturbance or construction associated with the Project. Many potential effects can be minimized by avoiding cultural resource sites. Mitigation measures for avoidance could include flagging or fencing of sites during construction. Other mitigation measures could include site testing and excavation, for archaeological sites, or architectural documentation for historic buildings or structures. Intensive Class III inventories may not identify all historic properties because urban development as well as various natural conditions can hinder the discovery process. Unanticipated discoveries are undocumented cultural resources and human remains that are encountered during construction or operation of facilities. Unanticipated discoveries of archaeological, paleontological, or historical sites, human remains, funerary objects, sacred ceremonial objects or objects of national or tribal patrimony on municipal rights-of-way (as well as any other state, county, town, city, or other municipal land) are subject to Arizona Revised Statutes (A.R.S.) §41-844. For unanticipated discoveries of human remains or funerary objects on private lands, A.R.S. §41-865 will prevail. If unanticipated discoveries are made in connection with construction activities, the Project will immediately suspend all operations in the vicinity of the find and will not resume until the discovery is appropriately treated and authorization is given by the appropriate agency.

References are included in the Class I Cultural Report in **Exhibit E-1**.



Legend

Visual Resources

- Key Observation Point (KOP) Location and Direction

Project Components

- Interconnection Point
- New Substation Property
- Routing Area

Requires two new 230kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Route Link

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing Substation
- Jojoba - Kyrene 500 kV Transmission Line
- Anderson - Orme 230kV Transmission Line
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Municipal Boundary

Jurisdiction

- Gila River Indian Community Land

0 0.2 0.4 Miles

SRP®

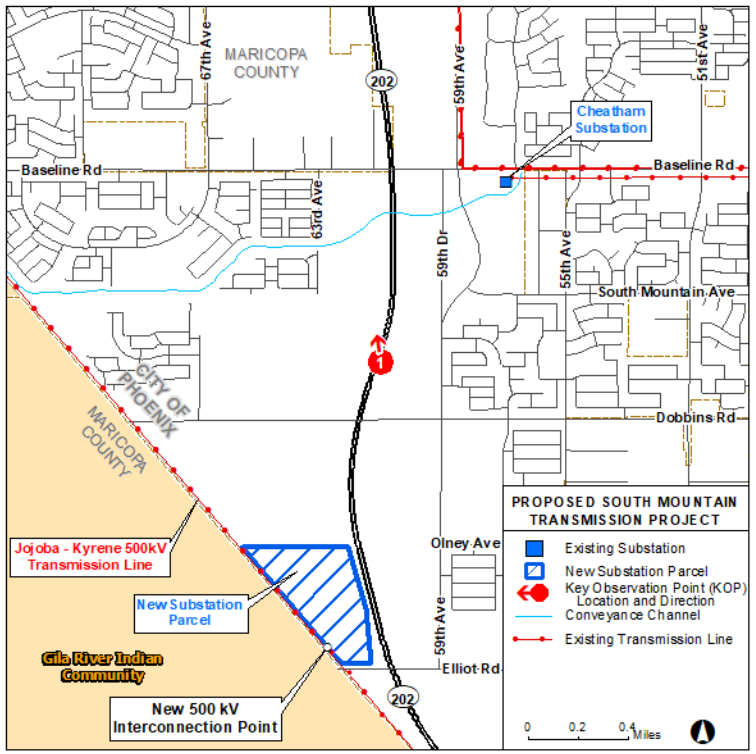
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

Figure E-1 Key Observation Points

Map Extent: Maricopa County, AZ

Date: 09.23.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., MAG, SRP, USGS. F\...SRP\SMT E-1 KOPs.mxd



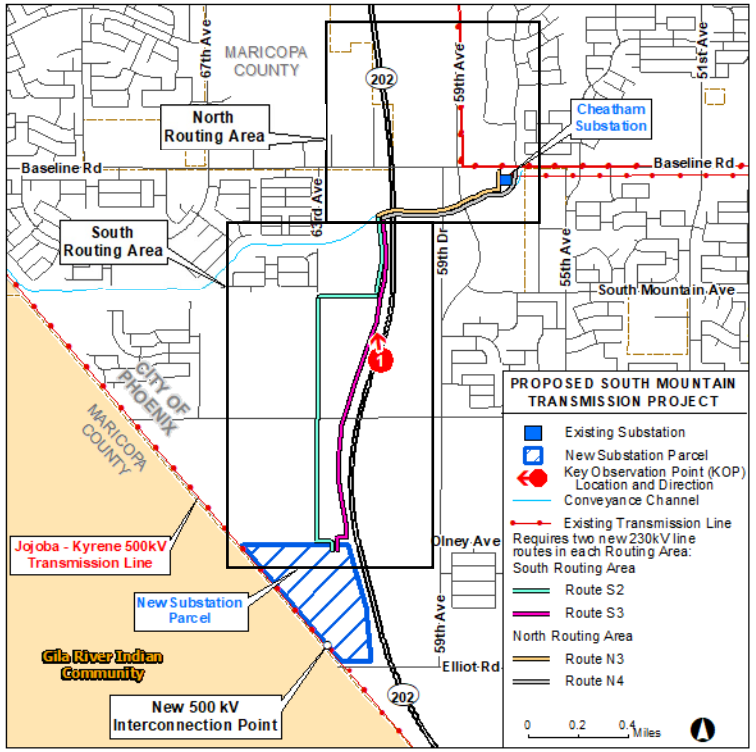


Existing Conditions
Loop 202 Looking North

KOP 1

Figure E-2a

This is for graphic representation only, and exact structure locations have not been determined.

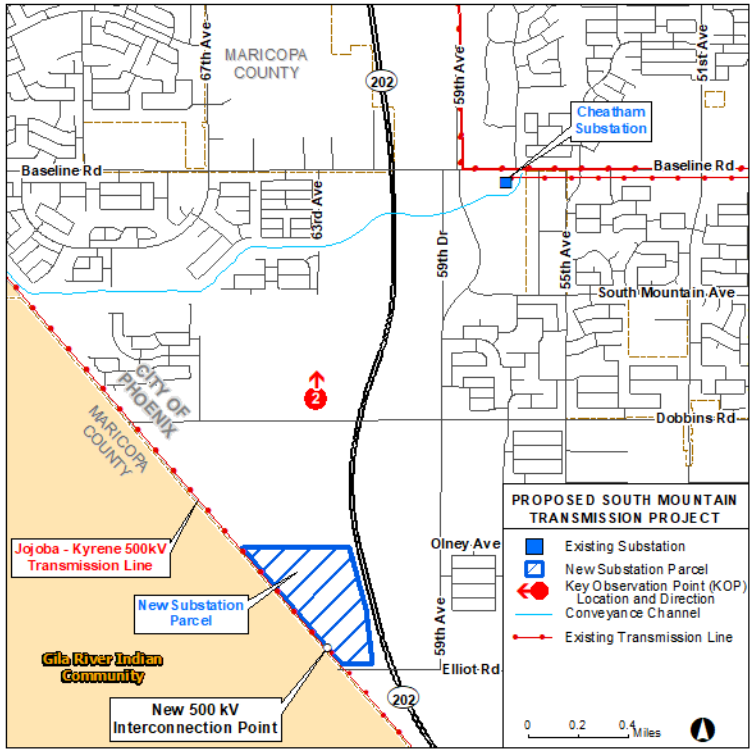




Proposed Conditions, Routes S2, S3, N3, N4
Loop 202 Looking North

KOP 1

Figure E-2b



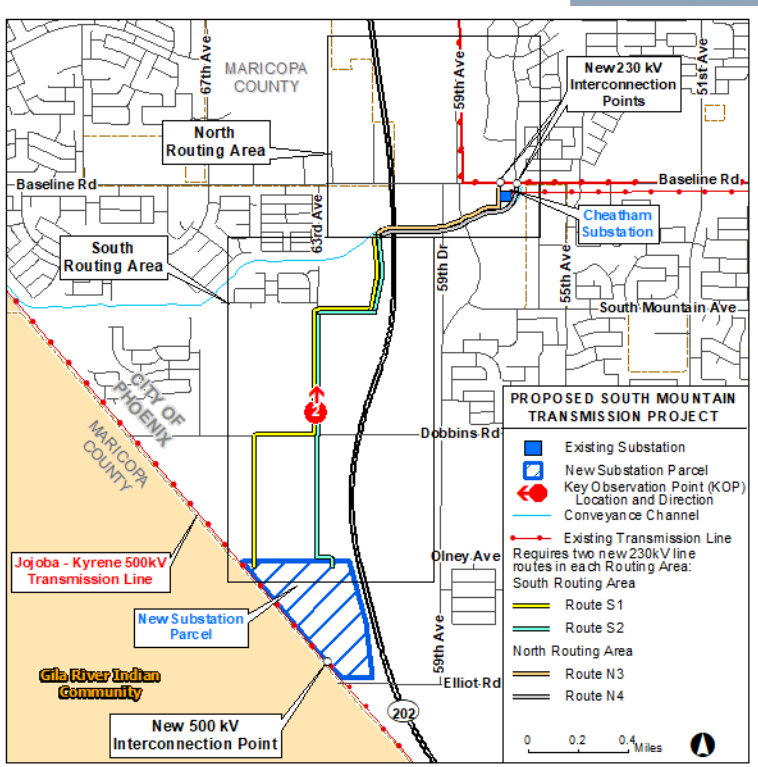


Existing Conditions
South 63rd Avenue Alignment Looking North

KOP 2

Figure E-3a

This is for graphic representation only, and exact structure locations have not been determined.



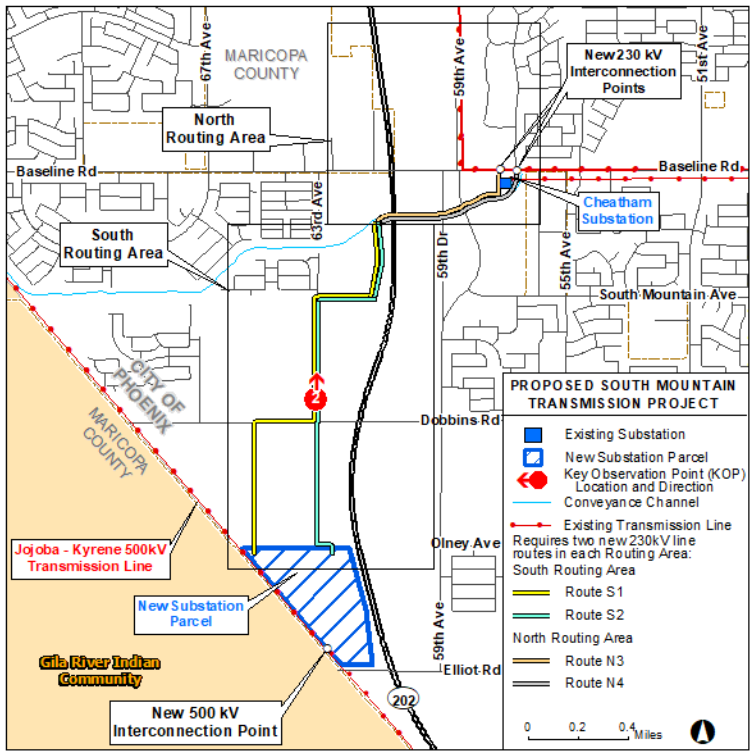


Proposed Conditions, Routes S1, S2, N3, N4 South 63rd Avenue Alignment Looking North

KOP 2

Figure E-3b

This is for graphic representation only, and exact structure locations have not been determined.



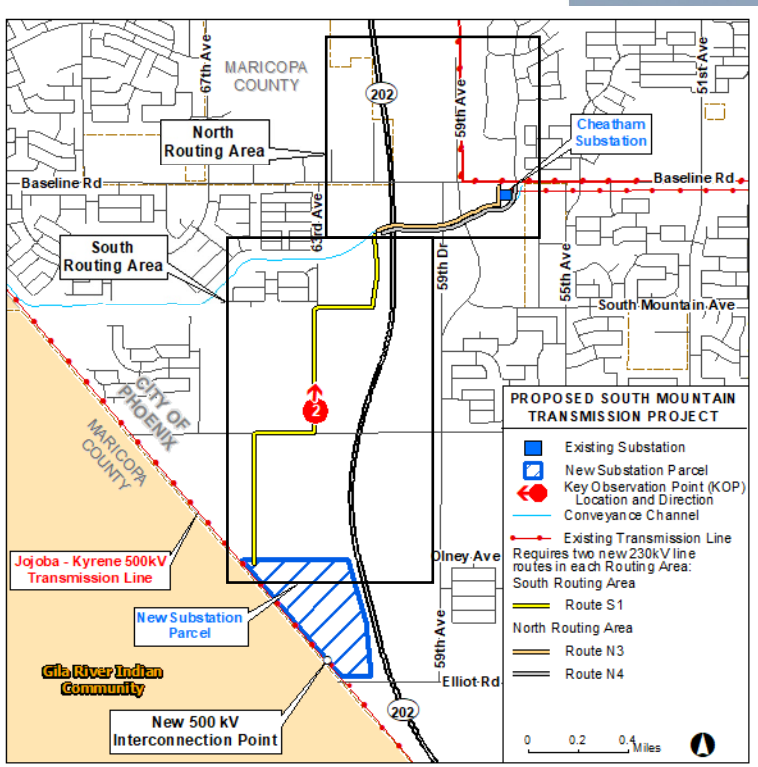


Proposed Conditions, Routes S1, S2, N3, N4
South 63rd Avenue Alignment Looking North

KOP 2

Figure E-3c

This is for graphic representation only, and exact structure locations have not been determined.

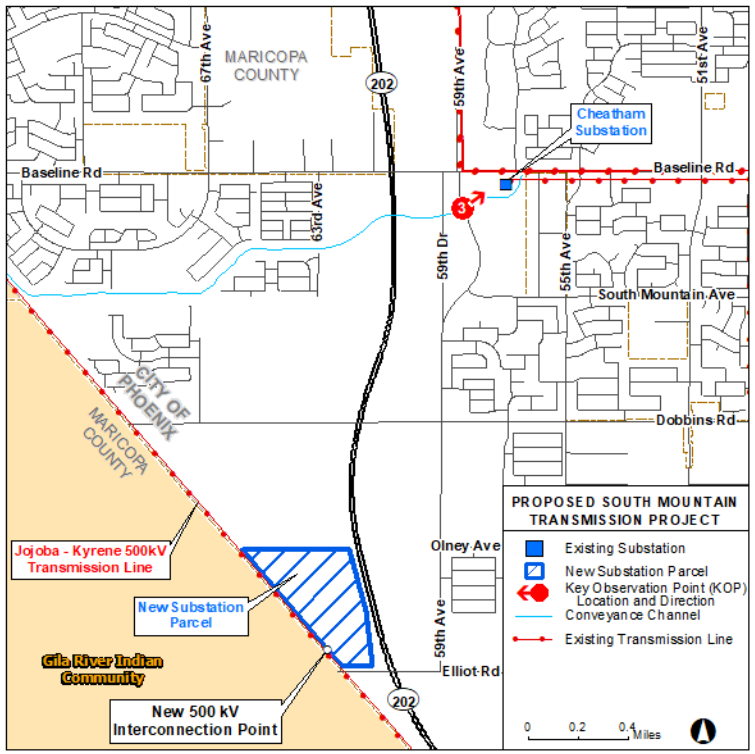




Proposed Conditions, Routes S1, N3, N4
South 63rd Avenue Alignment Looking North

KOP 2

Figure E-3d



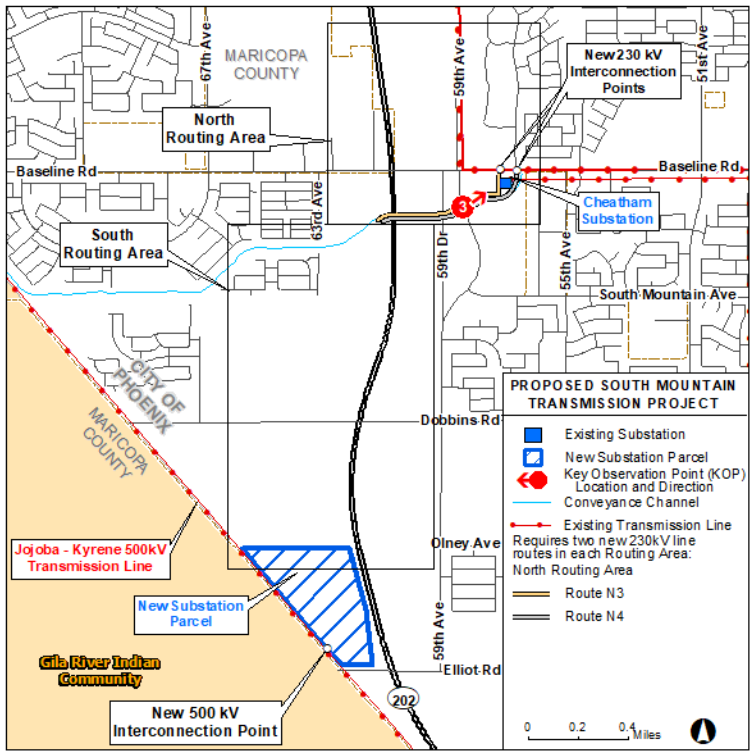


Existing Conditions
Conveyance Channel Looking Northeast

KOP 3

Figure E-4a

This is for graphic representation only, and exact structure locations have not been determined.





Proposed Conditions, Routes N3, N4
Conveyance Channel Looking Northeast

KOP 3

Figure E-4b

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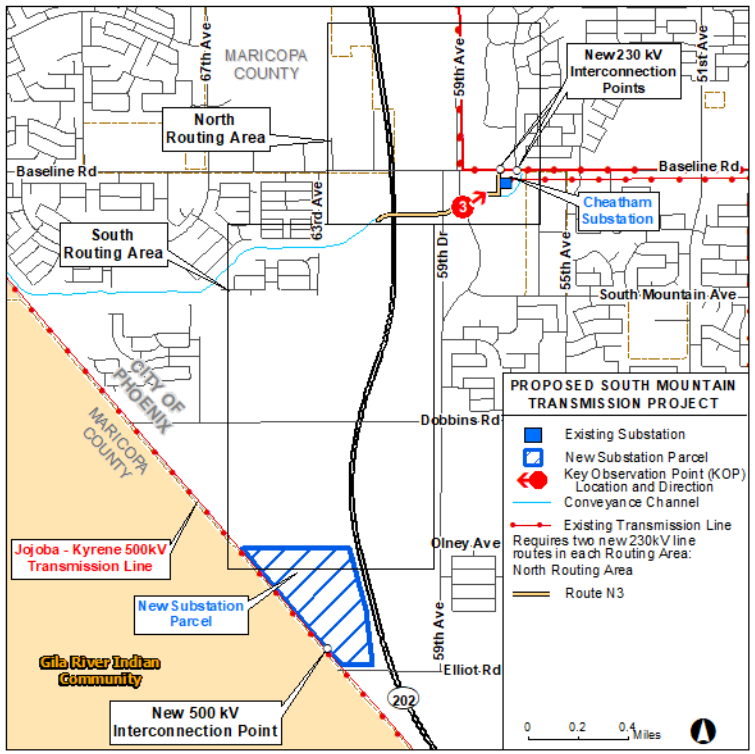
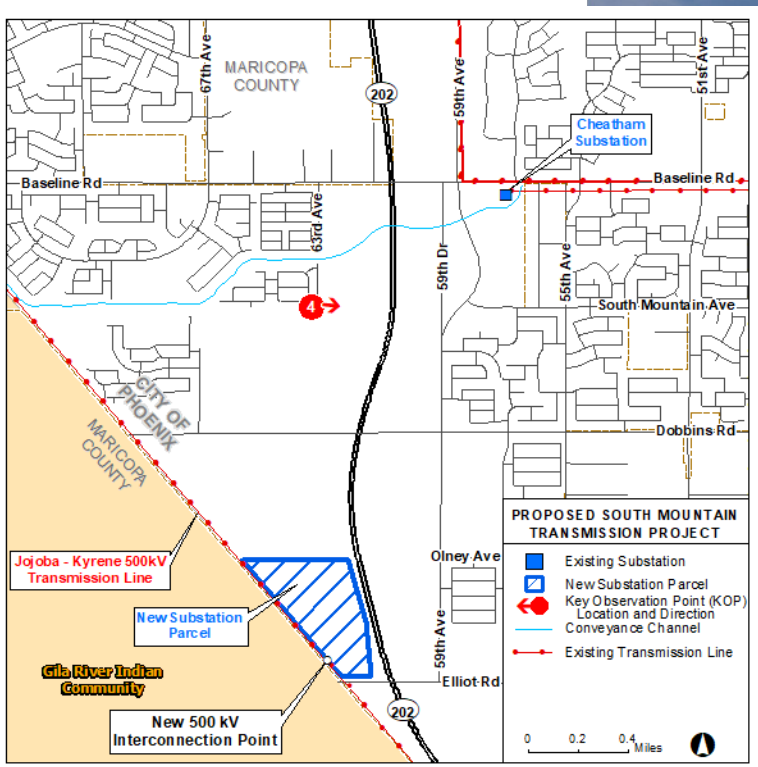




Proposed Conditions, Route N3
Conveyance Channel Looking Northeast

KOP 3

Figure E-4c



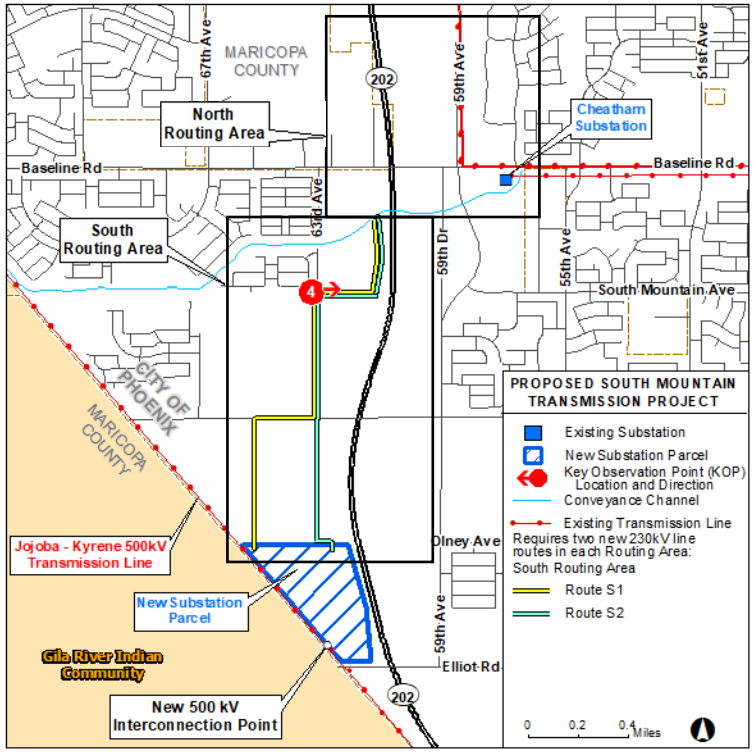


Existing Conditions
South of West Magdalena Lane Looking East

KOP 4

Figure E-5a

This is for graphic representation only, and exact structure locations have not been determined.



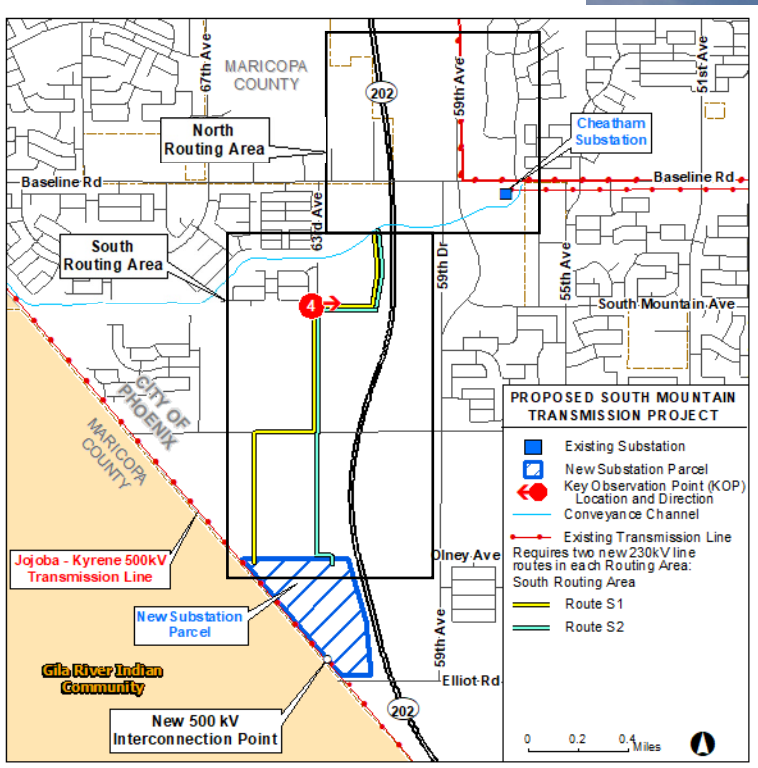


Proposed Conditions, Routes S1, S2
South of West Magdalena Lane Looking East

KOP 4

Figure E-5b

This is for graphic representation only, and exact structure locations have not been determined.





Proposed Conditions, Routes S1, S2
South of West Magdalena Lane Looking East

KOP 4

Figure E-5c

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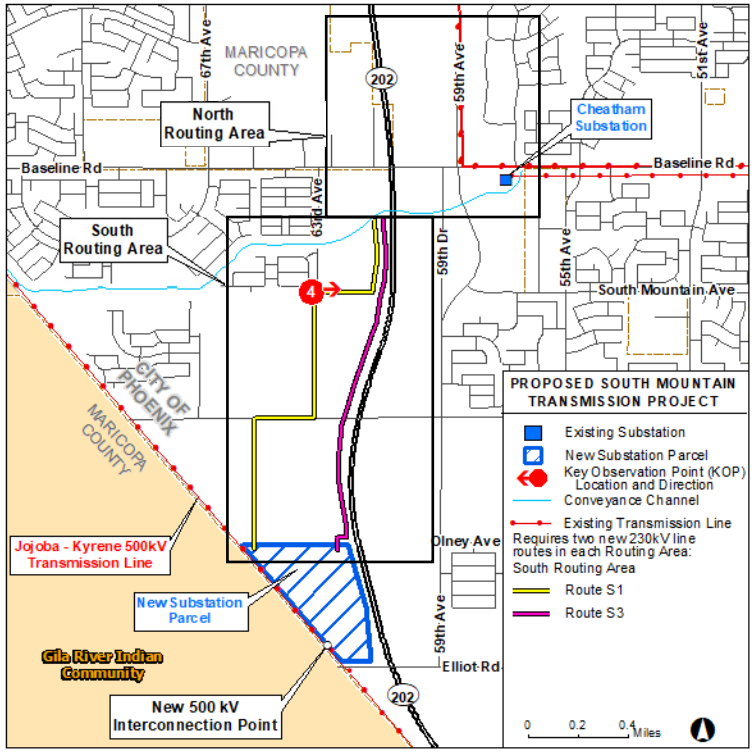
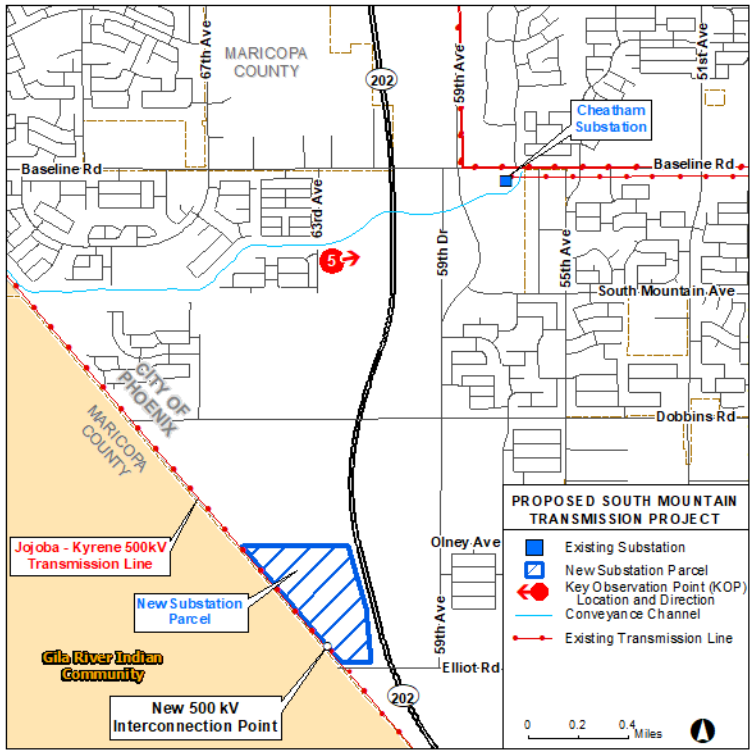




Proposed Conditions, Routes S1, S3
South of 6311 West Magdalena Lane Looking East

KOP 4

Figure E-5d





Existing Conditions
East of South 63rd Avenue Looking East

KOP 5

Figure E-6a

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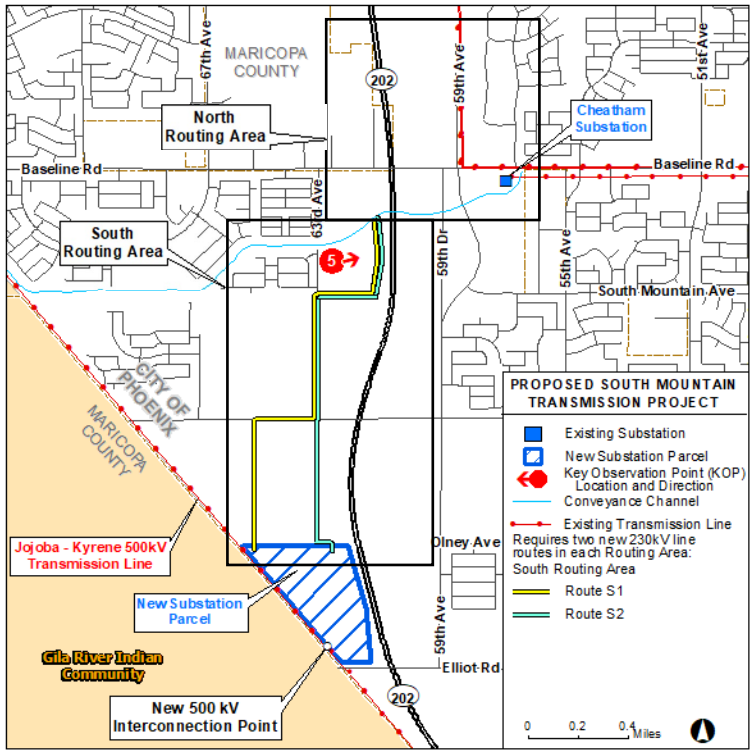



Proposed Conditions, Routes S1, S2
East of South 63rd Avenue Looking East

KOP 5

Figure E-6b

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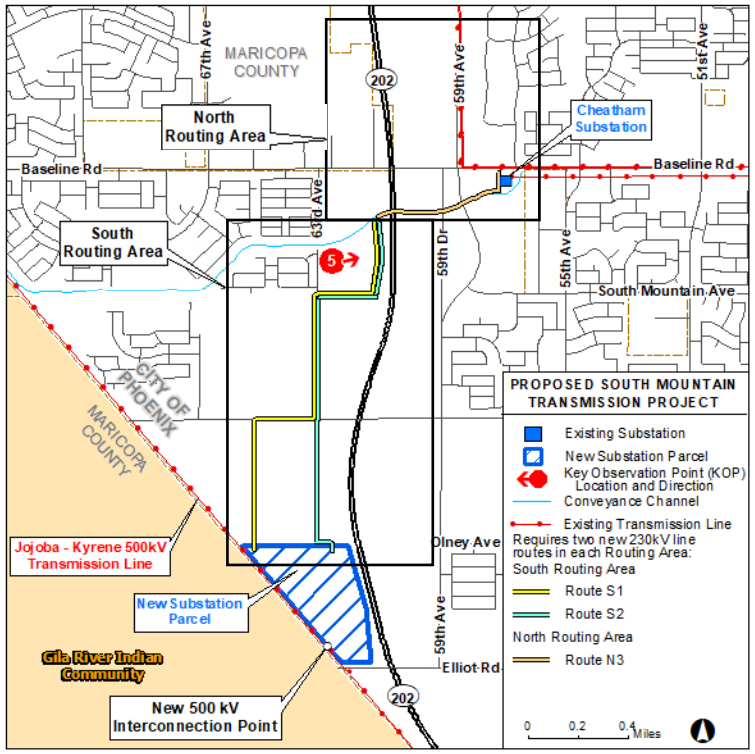



Proposed Conditions, Routes S1, S2, N3
East of South 63rd Avenue Looking East

KOP 5

Figure E-6c

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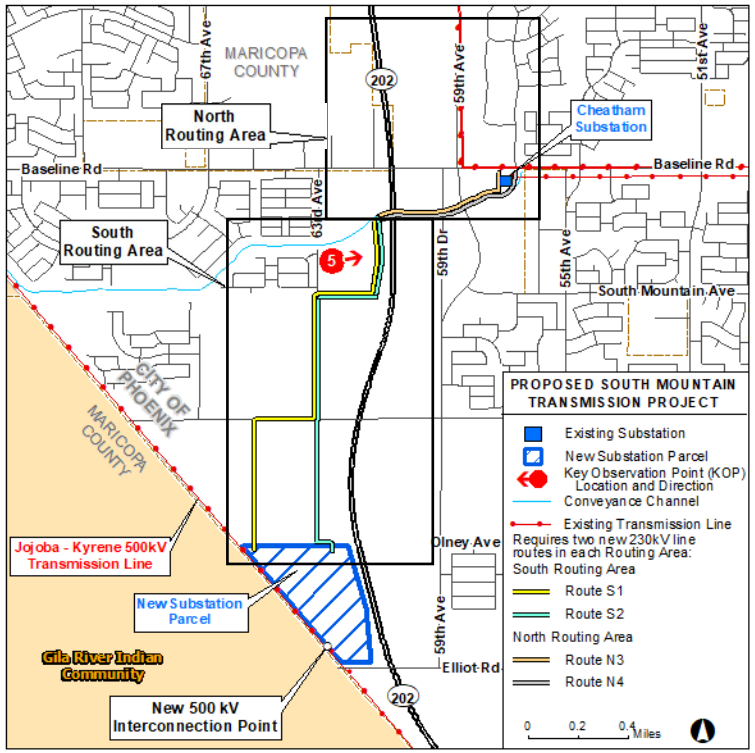
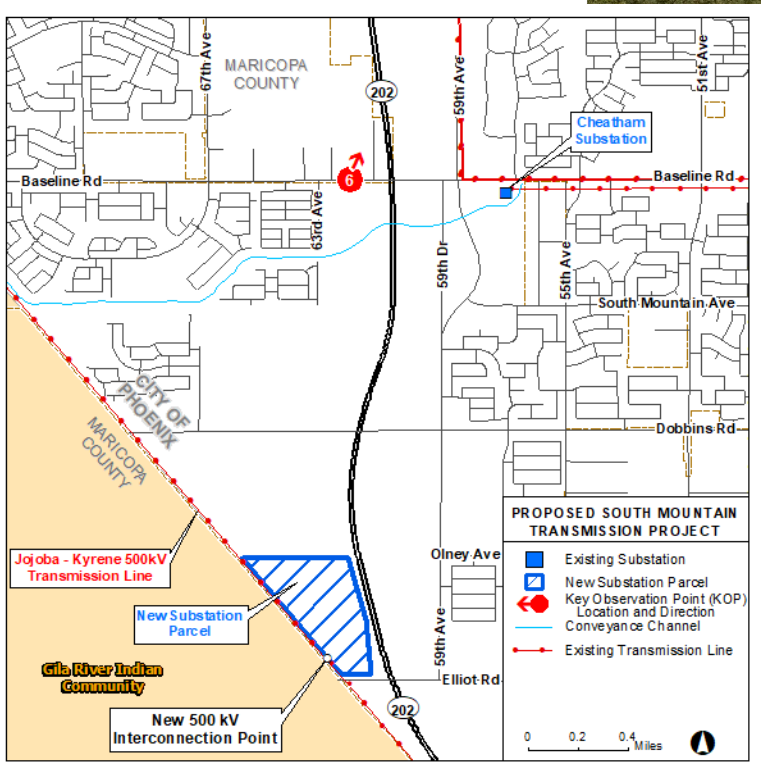




Proposed Conditions, Routes S1, S2, N3, N4 East of South 63rd Avenue Looking East

KOP 5

Figure E-6d





Existing Conditions

East of South 63rd Avenue & Baseline Road Looking Northeast

KOP 6

Figure E-7a

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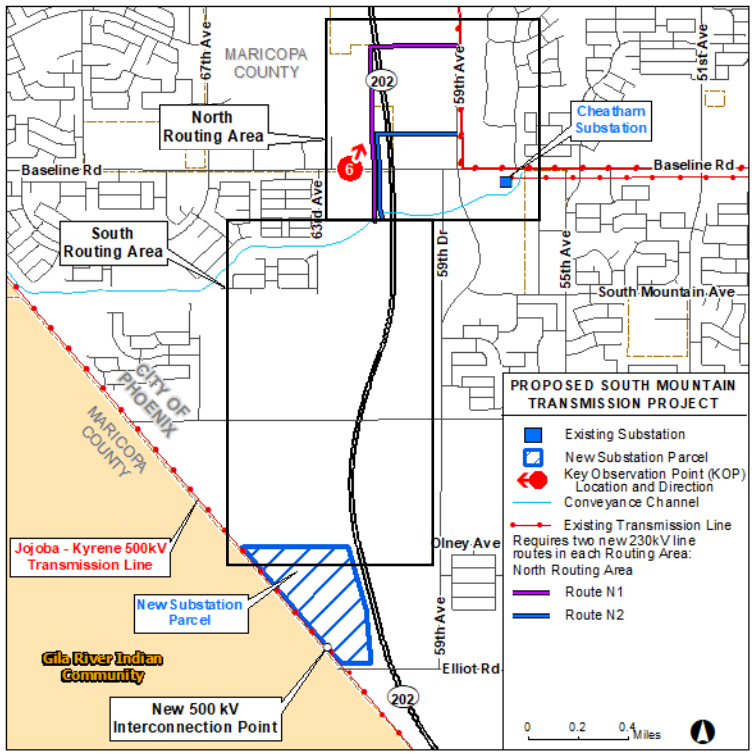
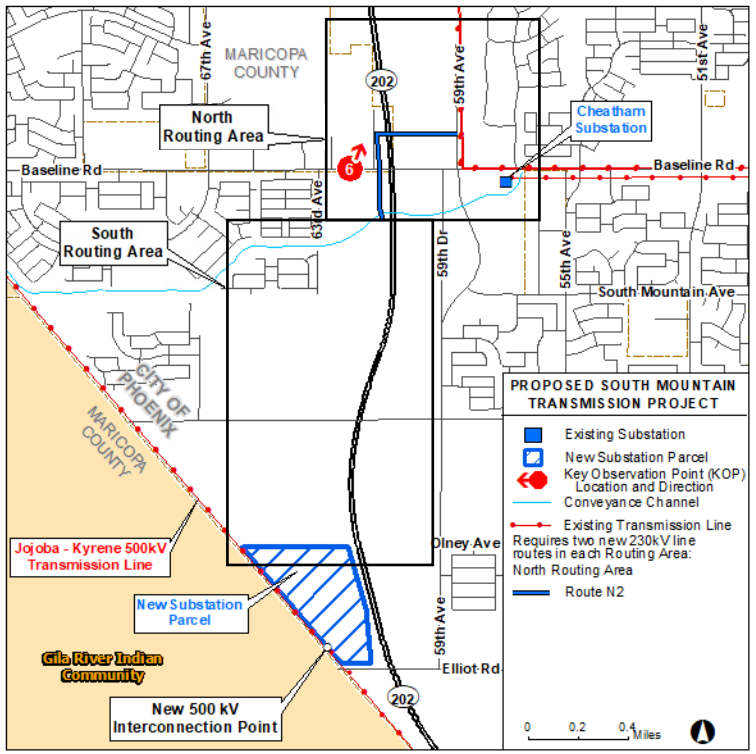




Proposed Conditions, Routes N1, N2 KOP 6 Figure E-7b

East of South 63rd Avenue & Baseline Road Looking Northeast

This is for graphic representation only, and exact structure locations have not been determined.

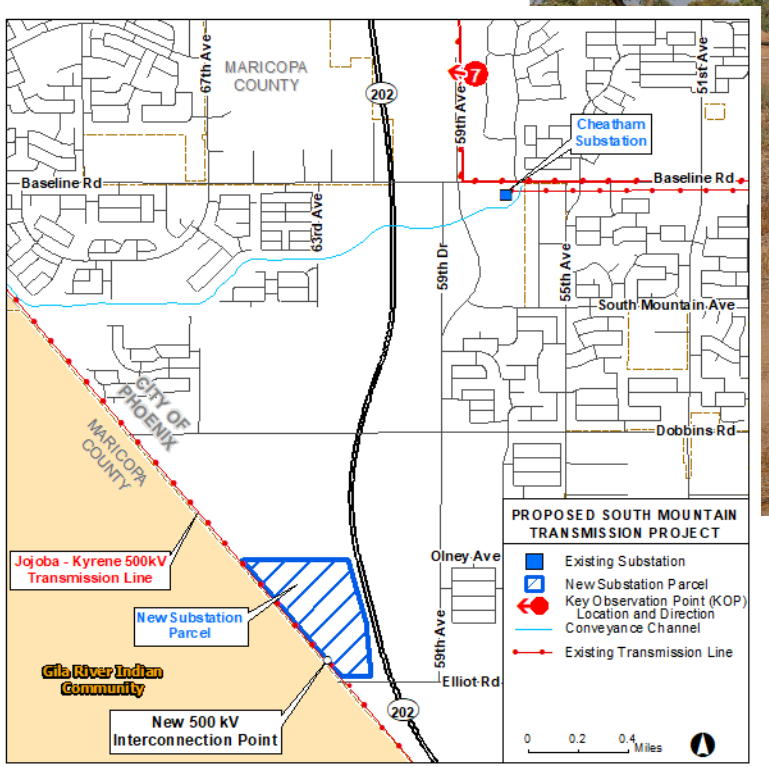




Proposed Conditions, Route N2 KOP 6 Figure E-7c

East of South 63rd Avenue & Baseline Road Looking Northeast





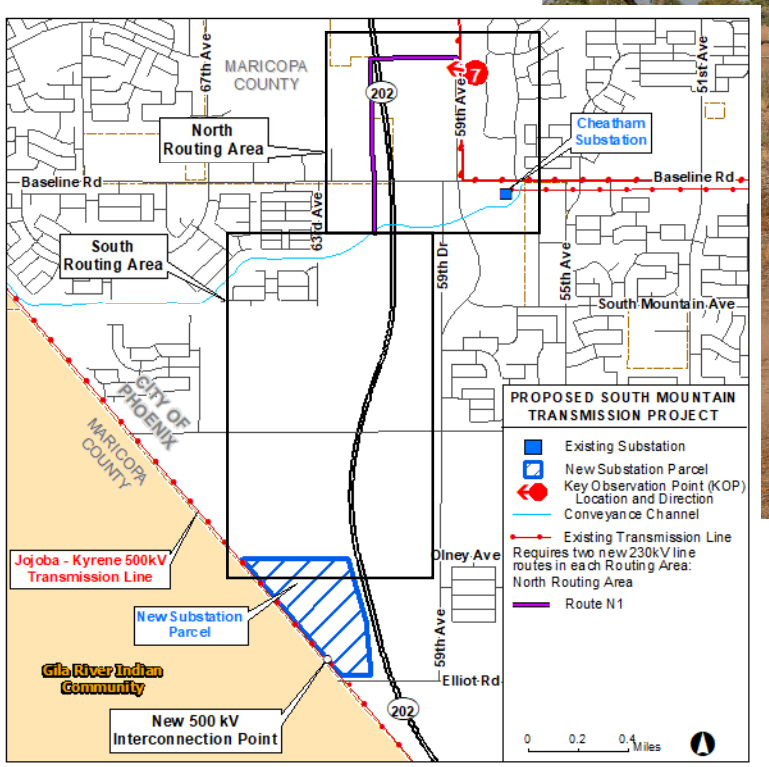
Existing Conditions
West of South 58th Avenue Looking West

KOP 7

Figure E-8a

This is for graphic representation only, and exact structure locations have not been determined.

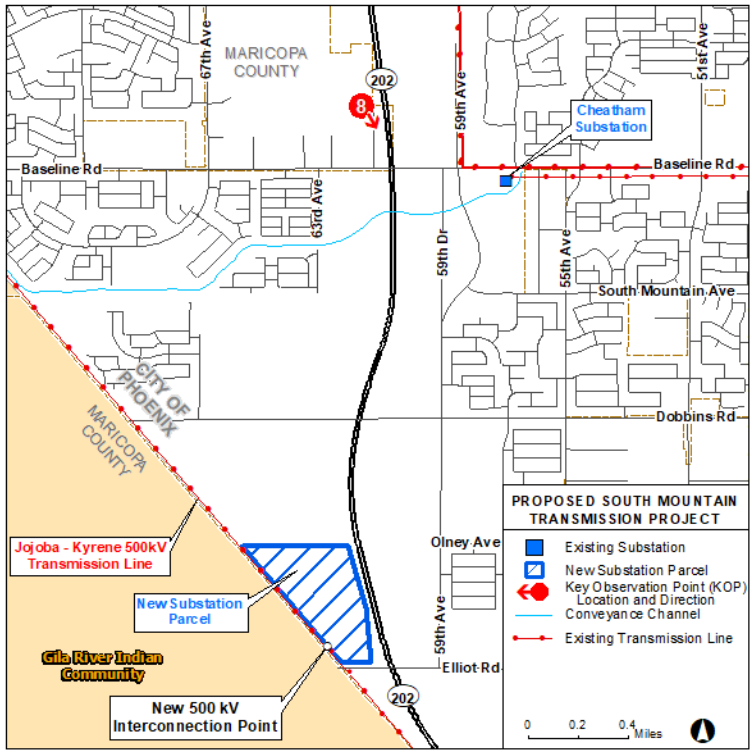




Proposed Conditions, Route N1
West of South 58th Avenue Looking West

KOP 7

Figure E-8b





Existing Conditions
South 62nd Avenue Looking Southeast

KOP 8

Figure E-9a

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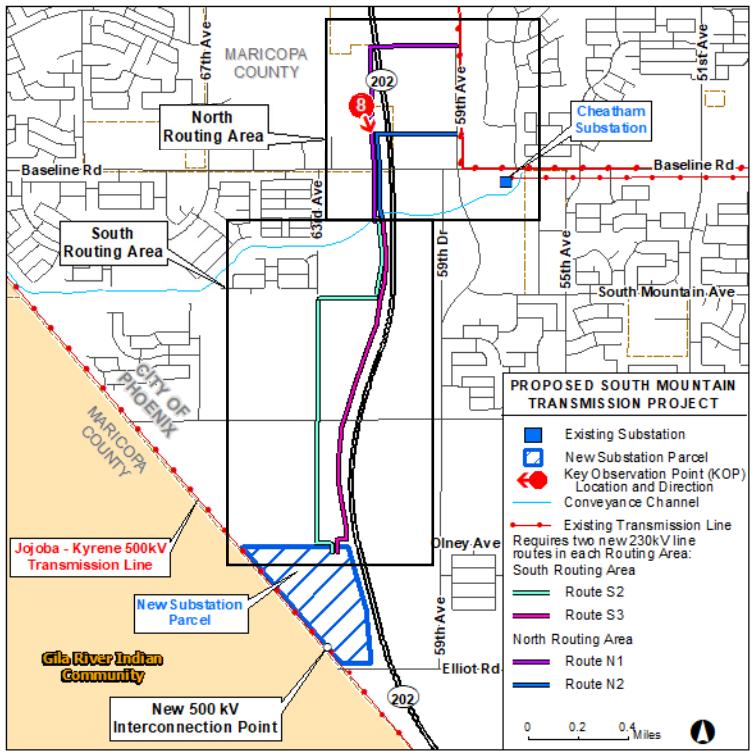



Proposed Conditions, Routes N1, N2, S2, S3 South 62nd Avenue Looking Southeast

KOP 8

Figure E-9b

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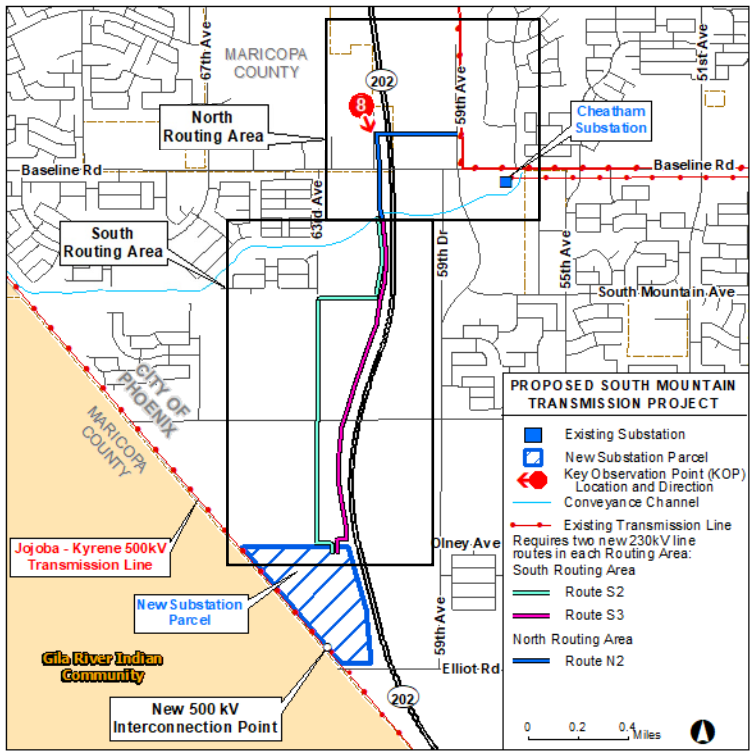
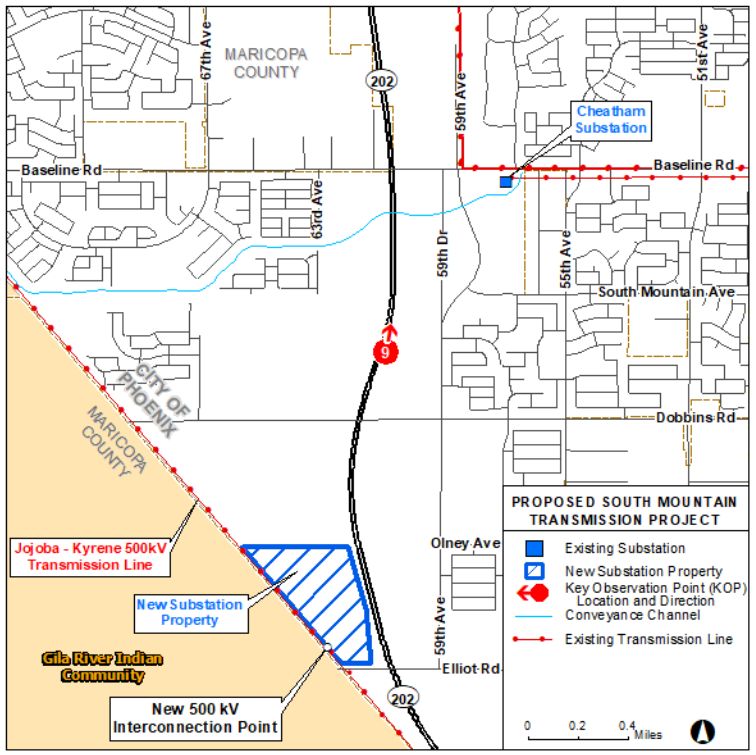




Proposed Conditions, Route N2, S2, S3
South 62nd Avenue Looking Southeast

KOP 8

Figure E-9c



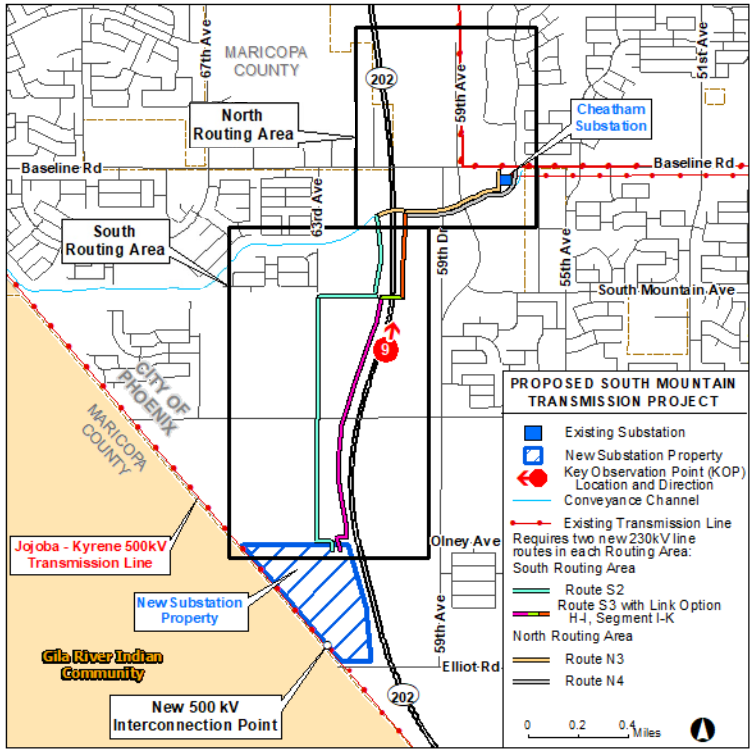


Existing Conditions
Loop 202 Northbound Looking Northeast

KOP 9

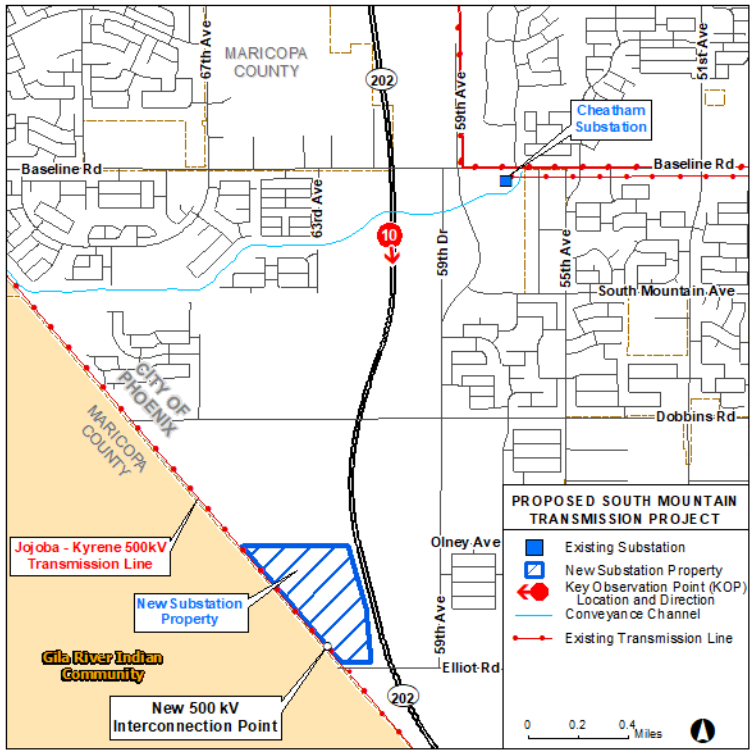
Figure E-10a

This is for graphic representation only, and exact structure locations have not been determined.





Proposed Conditions, Routes S2, S3 to Segments H-I-K, N2, N3 KOP 9 Figure E-10b
Loop 202 Northbound Looking Northeast



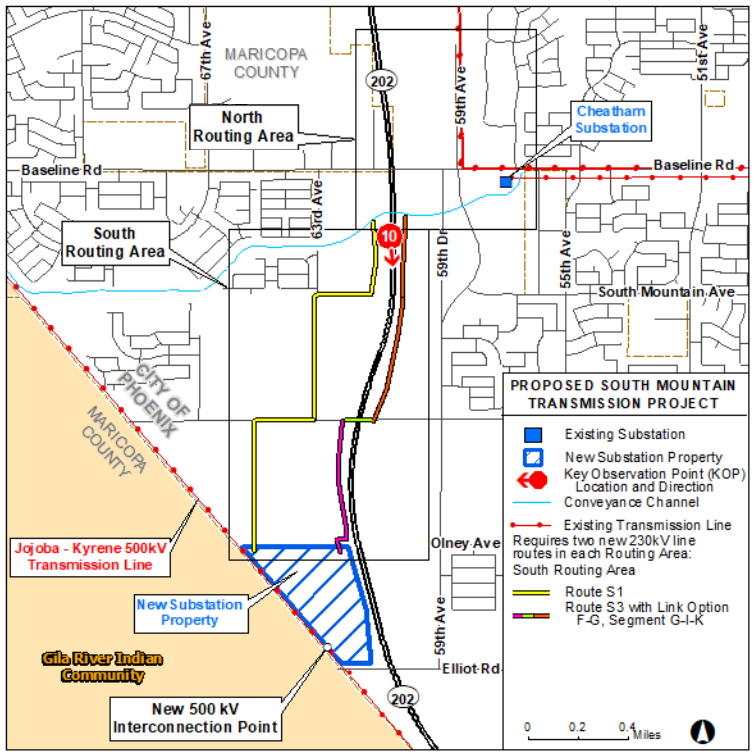


Existing Conditions
Loop 202 Southbound Looking South

KOP 10

Figure E-11a

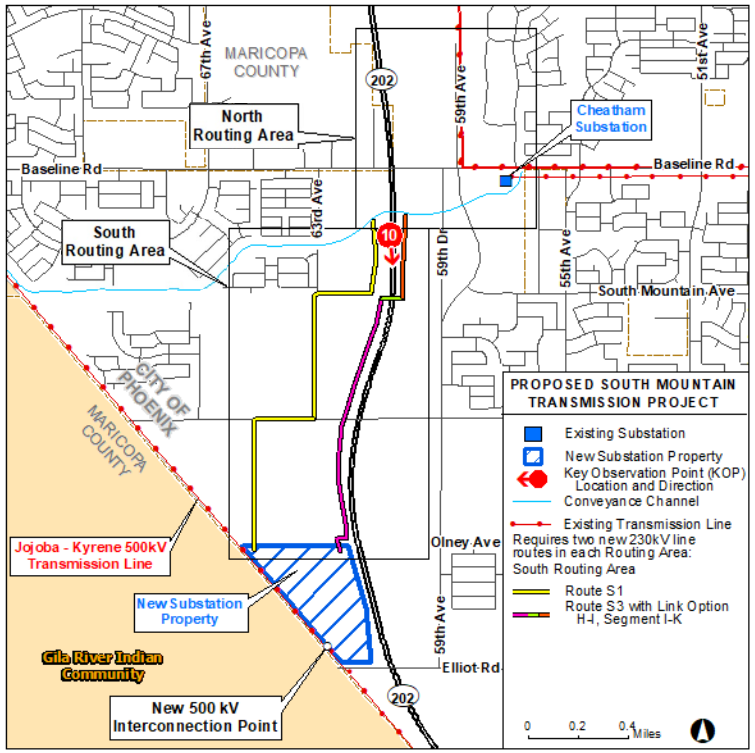
This is for graphic representation only, and exact structure locations have not been determined.





Proposed Conditions, Routes S1, S3 to Segments F-G-I-K **KOP 10** **Figure E-11b**
Loop 202 Southbound Looking South

This is for graphic representation only, and exact structure locations have not been determined.





Proposed Conditions, Routes S1, S3 to Segments H-I-K **KOP 10** **Figure E-11c**

Loop 202 Southbound Looking South

EXHIBIT E-1
CLASS 1 CULTURAL REPORT

SRP
SOUTH MOUNTAIN TRANSMISSION PROJECT

CLASS I CULTURAL RESOURCES INVENTORY REPORT
MARICOPA COUNTY
ARIZONA

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1 Regional Location
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Confidential Appendices – Bound Separately: Not for public review

A: Previously Recorded Resources

ACRONYMS

A.D.	Anno Domini
APE	Area of Potential Effects
ASM	Arizona State Museum
AZSITE	Arizona's Online Cultural Resource Inventory
B.C.	Before Christ
BLM	Bureau of Land Management
GLO	General Land Office
GRIC	Gila River Indian Community
kV	kilovolt
LARC	Library and Archives
NRHP	National Register of Historic Places
SHPO	State Historic Preservation Office
SMT	South Mountain Transmission Project
SPRR	Southern Pacific Railroad
THPO	Tribal Historic Preservation Officer

1.0 INTRODUCTION

The following Class I cultural resources report was prepared on behalf of the Salt River Project Agricultural Improvement and Power District (SRP), in support of the proposed South Mountain Transmission Project (SMT Project or Project) (**Figure 1**).

This Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves the construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community (GRIC) in Laveen Village. The Project requires a direct connection to SRP's 230 kV and 500 kV transmission networks by constructing new transmission lines to connect the new substation to a nearby 230 kV source at the existing Anderson – Orme 230 kV transmission line. SRP Specifically proposes to construct the following components (**Figure 2**):

- The New substation located directly west of Loop 202 and adjacent to the eastern boundary of the Gila River Indian Community
- Two new overhead double-circuit 230 kV transmission lines from the new substation to the existing Anderson – Orme 230 kV transmission line.
- New overhead 500 kV transmission line from the existing Jojoba - Kyrene 500 kV transmission line to the new substation.

The Project consists of multiple alternative transmission right-of-way alignments. Collectively, these alignments constitute the Project's APE for physical effects.

Eight cultural resources were identified within the APE, four of which, AZ T:12:9(ASM), AZ T:12:14(PG), AZ T:12:91(ASM), and AZ T:12:204(ASM), are archaeological sites determined eligible for listing on the National Register of Historic Places (NRHP). One archaeological site, AZ T:12:92(ASM), has not been evaluated but is assumed to be eligible for the NRHP per SHPO guidance on the eligibility of ancient canals (SHPO 2022), and one historic-age resource, SMFA0010, has been determined eligible for listing on the NRHP. Two archaeological resources, AZ T:12:153(ASM) and AZ T:12:90(ASM), are ineligible for listing on the NRHP. Thirty-one additional cultural resources were identified within the 1-mile buffer, but outside of the APE.

The majority of the APE has been subject to prior cultural resources survey, however only approximately 38 percent of the APE has been surveyed in the last 10 years. Despite the prior surveys, we recommend that SRP conduct new Class III surveys of the proposed facilities and selected alternative transmission line, where feasible, prior to construction.

2.0 METHODS

The previously recorded cultural resources and investigations in the APE, plus a 1-mile-wide buffer, were examined using existing data to determine if known cultural resources would be potentially impacted by the Project. The Arizona State Museum (ASM) Archaeological Records Office search was conducted in April 2024 and revised in August 2024. In addition to the ASM records search, sources consulted include the National Register of Historic Places (NRHP) database, the AZSITE database, the ASM Library and Archives (LARC) online catalog, records of the Arizona State Historic Preservation Office (SHPO) and the City of Phoenix Archaeologist Office and Historic Preservation Office, the Arizona Historic Bridge Inventory, ADOT Portal, and SRP cultural resource records. The record search area covered over 14 square miles and approximately 274 acres, of which 105 acres (38 percent) are covered by surveys conducted within the past 10 years.

Additional research was focused on the identification of historic-era resources within the Project vicinity. Historic maps of the Project area reviewed included 1868, 1900, 1919, 1920, and 1923 original survey plat maps (BLM GLO 1868, 1900, 1919, 1920, and 1923); USGS 1:12,000 and 1:62,500 scale maps (Phoenix 1912, 1914 and 1952; Laveen 1952, 1967, and 1973) (USGS 2024). Aerial photographs consulted include Maricopa County aerial photography from 1955, 1958, 1961, 1962, 1966, 1969, 1970, 1971, 1972, and 1973 (Maricopa County 2024).

To develop the historic period context of the Project area, secondary sources were consulted, including David Myrick's *Railroads of Arizona* series, government records including National Register documentation for the Salt River Project, and the document collections of the Laveen Community Council. Statewide historic contexts consulted include *Good Roads Everywhere: A History of Road Building in Arizona* (Keane and Bruder 2004), *Transcontinental Railroading in Arizona, 1878-1940* (Janus 1989), *Lifeline to the Desert: Water Utilization and Technology in Arizona's Historic Era, 1540-1960* (Steele and Gilpin 2004), and the *City of Phoenix Historic Preservation Office Laveen Village Historic Property Survey* (Bethke 2007).

3.0 CULTURAL SETTING

The generally accepted culture history of Southern Arizona spans at least the last 11,500 years. More detailed overviews can be found in Bryce et al. (2024).

Precontact Period

As currently understood, the record of human activity and occupation of Southern Arizona comes into focus (approximately 10,000 to 8,500 B.C.) at a time when small bands of hunter-gatherers moved across the landscape, subsisting through successes in gathering seeds and wild plants, the trapping of small animals, and the hunting of large game. Environmental shifts associated with the Pleistocene/Holocene climatic transition brought lasting change to the environment, and with the eventual extinction of large game, human populations began to trend toward greater degrees of sedentism. Sites from this period have been documented in southern Arizona (Cordell 1984; Haury 1950; Haynes 1986; Huckell 1984b); however, evidence of occupation prior to approximately 7,000 years ago has been elusive in the middle Gila and Salt River areas (Huckell 1984a, 1984b).

With the Pleistocene/Holocene climatic transition drying and warming trend leading to desert conditions, human populations took to a growing reliance on small game and intensified collection of plant resources. Stone tools attributed to this timeframe (i.e., metates, manos, and mortars) demonstrate a significant focus on processing wild plant resources. Gathering and collecting focused on seasonally available resources, and small seasonally occupied camps and settlements were present, with small groups maintaining a high degree of residential mobility.

The first definitive evidence of human habitation along the middle Gila and Salt Rivers appears nearly 4,000 years ago, with camps, small sites, and numerous surface finds suggesting widespread use of the Phoenix Basin across this timeframe (Bubemyre et al. 1998). Beginning around 1500 B.C., the first agricultural villages were established in the Sonoran Desert, mainly in southern Arizona (Diehl 2003; Mabry 1998; Matson 1991; Silva 2003). Comparable pre-ceramic semi-sedentary horticultural settlements have not been identified in the middle Gila Valley or Phoenix Basin.

Succeeding cultural development in the region was characterized by a nascent trend in the use of plain ware pottery; this in types of comparatively limited range, and not as widely used as evidenced in later Hohokam occupations (Garraty 2011). Current evidence suggests that specialized pottery production began by around A.D. 450 using materials sourced in the vicinity of South Mountain (Abbott 2009).

Many antecedents of Hohokam cultural attributes imply in-situ development of Hohokam society from earlier populations (Bayman 2001; Cable and Doyel 1987; Doyel 1991; Wilcox 1979). The Hohokam sequence begins with the Pioneer Period (A.D. 450-750), which is marked by the introduction of decorated pottery (Ciolek-Torrello 1995). Over the next five centuries, residents of the middle Gila River valley manufactured decorated pottery on a large scale and supplied it throughout the Phoenix Basin, including the Salt River valley (Abbott 2009). The Hohokam tradition was characterized by the development of large-scale irrigation agriculture, red-on-buff pottery, a distinctive iconography, exotic ornaments and artifacts, a cremation mortuary complex, and larger as well as more complex settlements (Fish 1989; Howard 2006).

The Colonial Period (A.D. 750-950) saw Hohokam influence spread beyond the Phoenix Basin to northern and southern Arizona (Blythe et al. 2024). Ballcourts first appeared during this period,

suggesting changes to social structure and possible influence from Mesoamerica. Other changes during this period include an increase in ritual paraphernalia and cremation mortuary features, larger villages with clustered pithouses, larger canal systems, and intricate pottery design.

During the Sedentary Period (A.D. 950-1075), villages became larger but were centered on smaller social groups of four to five households, often with their own cemetery. Hohokam canal systems were at their greatest extent during this period, irrigating up to 70,000 acres of agricultural fields across four main systems. Ballcourts likely formed the nexus of trade networks at the beginning of the period, but by A.D. 1070 appear to have fallen out of use. By the end of this period, many sites were abandoned, including several major villages, and population was concentrated in the Phoenix Basin. (Blyther et al. 2024).

The Classic Period (A.D. 1075-1450) saw changes in settlement patterns, architecture, mortuary patterns, material culture, and ideology. During the Santan phase (A.D. 1075-1150), public buildings were constructed of adobe walls on platform mounds. The Soho phase (A.D. 1150-1300) saw the first narrow-walled adobe structures, which included residential architecture, as well as ballcourts replaced by large platform mounds with rooms on top. Inhumations became more common. In the Civano phase (A.D. 1300-1375), polychrome ceramics replaced red-on-buff pottery. Canal systems appear to have been community-controlled, and agricultural intensification appears to have resulted in the congregation of population into large villages. Though still debated, the Polvorón phase (A.D. 1375-1450) aligns with a decrease in population and a return to pithouses (Blythe et al. 2024).

Post-Classic/Protohistoric Period

The Post-Classic/Protohistoric period (ca. A.D. 1450 to 1690) is generally defined as the interval between the end of the Hohokam Classic period and the earliest evidence of Spanish contact when the Project area was inhabited by the Akimel O'odham and, beginning in the mid-1800s, the Piipash, who settled in the Maricopa Colony area immediately northwest of the project (Gilpin and Phillips 1998, GRIC 2024). Extensive studies from the large village site of Sacatón, having been continuously occupied since prior to A.D. 1600, provides support to statements for cultural continuity between the Hohokam and the Akimel O'odham (Loendorf et al. 2013). Together with the ethnohistoric and ethnographic data, data were collected for ancillary studies for obsidian sourcing, projectile point typology, ceramic typology, architectural design, and subsistence practices that support a continuous relationship to the Hohokam.

Spanish exploration of the southwest began in earnest following the 1528-1536 trek of Cabeza de Vaca, including the Coronado Expedition of 1540-1542, the Espejo Expedition of 1582-1583, and the Oñate expeditions between 1598 and 1604. Missionization of the Hopi and Zuni began in 1629. However, the Pueblo Revolt in 1680 drove the Spanish out of the west until the reconquest of the Pueblo country in 1692. Father Eusebio Kino, based in Sonora, Mexico, began missionary activities in southern Arizona in 1691. Between 1692 and 1699, he made several trips among the Pima along the lower Santa Cruz and San Pedro rivers and along the Gila River between Casa Grande and Gila Bend and may have visited with O'odham living near the confluence of the Gila and Salt Rivers, just northwest of the Project area (Gilpin and Phillips 1998).

Historic Period

The Historic period in Arizona dates roughly from 1753, the founding of the first permanent Spanish settlement, to 1954.

The Mexican War of Independence did not have a direct effect on the area, as most of the battles took place far south of Arizona in central Mexico. However, the Spanish did have to withdraw their troops to central Mexico, which left a vacuum that the Apache exploited. During the 1820s, Apache raiders were estimated to have killed approximately 5,000 people in Sonora and southern Arizona. Mexico was victorious in the war and declared independence in 1821. The new Mexican government abolished the mission system. In Arizona, settlements and occupation contracted to Tucson and Tubac. In response to increased Apache raiding, Tohono O'odham, Akimel O'odham and Piipash settlement also contracted west (Sides 2006).

Arizona north of the Gila River became part of the United States in 1848, although the American phase did not officially begin until 1853, when the remainder of what is now Arizona was sold to the United States by Mexico as part of the Gadsden Purchase. During the Mexican-American War, American military forces passed through southern Arizona on their way to California, commonly using ancient routes centered on the Santa Cruz and Gila rivers. These routes were well blazed by the Army, and increased use occurred after the end of the war (Keane and Bruder 2004).

After the Civil War and establishment of the Arizona Territory, Americans began to settle permanently along the Salt River and Gila River because of the availability of good agricultural lands. Communities along the Salt River, including Phoenix and Tempe, were founded in the 1860s as small agricultural communities, especially after the establishment of Fort McDowell made the upriver areas safer for American settlers. Communities to the south, such as Florence, were established along the Gila River somewhat earlier along the former Butterfield stage route. From 1880 to 1900, the population of southern Arizona doubled, and by the turn of the 20th century, Arizona had a population of 100,000 (Keane and Bruder 2004).

Prior to the arrival of the railroad, long distance travel and freight transport were conducted by wagon roads, many of which followed older native and military roads. The main routes were constructed by the US Army, including Cooke's Wagon Road, built by the Mormon Battalion in 1846-1847, which would later be utilized by as Butterfield Overland Trial. After the establishment of the Arizona Territory in 1863, wagon roads expanded with the establishment of mail routes and with the charter of private companies to construct toll roads. Most other wagon roads were funded locally or privately (Keane and Bruder 2004).

After the successful completion of the first transcontinental railroad in 1869, a southern railroad route was being explored as an option to move goods and people across the country in a timely fashion. The Southern Pacific Railroad (SPRR) arrived in Maricopa Station, modern Heaton, on April 29, 1879. The Welton-Phoenix-Mesa-Eloy segment of the SPRR was constructed in 1926 to provide mainline access to Phoenix, which had developed into Arizona's most important city by the mid-1920s. It spurs off the mainline in Wellton and travels through Phoenix, Tempe, Mesa, Gilbert, and Coolidge before rejoining the mainline at Eloy (Janus 1989). The spur line is located about 4 miles north of the Project area.

The Salt River Project was one of the first five reclamation projects authorized by the National Reclamation Act of 1902. It included the construction of Roosevelt Dam, completed in 1911, to generate hydroelectric power; as well as storage and diversion dams and an extensive canal system

to provide municipal and agricultural water for the entire region, including to the Laveen area. Reclamation's Salt River Project is currently operated and maintained by SRP. With a reliable water supply, agriculture in the region expanded rapidly through the 1910s, especially cotton early on and citrus in the 1930s. It also allowed the explosive growth of Phoenix and surrounding communities (MacDonald and Bailey 2017).

The Laveen area was first settled by Euroamericans in the 1880s for farming and dairy (Bethke 2007). In the early 1900s, Walter Laveen homesteaded the area surrounding the intersection of Dobbins Road and 51st Avenue (approximately 1.4 miles east of the APE). Along with a dairy, he established a general store, donated land for a schoolhouse (opened in 1913) and became the first postmaster of Laveen in 1918. Until SRP constructed the Roosevelt Dam in 1911, the community was isolated from Phoenix by the Salt River, with no crossing in the local area.

In 1919, Armon Deconda "Dee" Cheatham bought the general store and land from Walter Laveen, took over as postmaster, and gradually expanded the dairy enterprise to the north and south for the next several decades (*ibid.*). Other agriculture in the area included cotton and hay. Part of Laveen was annexed by the City of Phoenix in 1995. The Cheatham dairy shut down in 2003, selling most of the land to developers.

4.0 PREVIOUS RESEARCH

The records search of the APE combined with a 1-mile buffer was examined to identify any potential for impacts to cultural resources associated with the proposed Project. The ASM records search, which included the mapped locations of prior projects, revealed that ten previous investigations have been conducted within the APE, one of which was conducted in the past ten years (**Table 1 and Figure 3**). An additional 21 mapped investigations have been conducted outside of the APE but within one mile (**Table 2 and Figure 3**). The City of Phoenix Archaeology Office (CAO) identified 53 more projects within the one-mile search buffer but did not provide maps of these projects (**Table 3**). Twenty-nine of these were completed in the last 10 years, a testament to the area's recent growth. Some of the CAO projects are within the APE, but their precise locations and boundaries are not known to the authors. Some of the 10-or-more-year-old projects also may be duplicates of the projects included in Tables 1 and 2.

Table 1. Previous Investigations Intersecting the APE (N=10)

Report ID	Year	Author	Project	Company	Location to Project Route
87-002.ASU	1987	Rice, Glen E., and Todd Bostwick	Southwest Loop Freeway	ASU Office of Cultural Resource Management	Intersects routes N1, N2, N3, N4, S1, S2, S3, S4
1995-263.ASM	1995	Robinson, Christine K.	59th Avenue	Soil Systems, Inc.	Intersects routes N1, N2, N3, N4
2001-108.ASM	2001	Rogge, A. E.	Laveen Area Conveyance Channel	URS Corporation	Intersects routes N3, N4, S4
2003-600.ASM	2003	Hart, David	Survey of 40 Acres at 55th Avenue and Baseline Road	Northland Research, Inc.	Intersects route N4
2003-1499.ASM	2005	Darling, J. Andrew	Five Alternative Alignments in the South Mountain Freeway Corridor Study Area	Gila River Indian Community	Intersects routes N1, N2, S1, S2, S3, S4
2005-147.ASM	2005	Kennedy, Kimberly R.	Baseline Road Sewer, 59th to 71 Avenues	Carter & Burgess, Inc.	Intersects routes N1, N2
2009-122.ASM	2009	Brodbeck, Mark	South Mountains EIS 2009	HDR Engineering, Inc.	Intersects routes N1, N2, N3, N4, S3
2011-567.ASM	2011	Yunker, Brian	Evergreen 63rd Avenue and South Mountain Survey	Soil Systems, Inc.	Intersects route S1
2012-11.ASM	2012	Breternitz, Cory Dale	HDR, COP, H20 Survey	Soil Systems, Inc.	Intersects routes N1, N2, N3, N4
PGM 2021-060	2022	Dytchkowskyj, Deanna	134.04 Acres of Private Land for a Proposed Solar Development in Laveen Village	PaleoWest, LLC	Intersects routes S1, S2, S3, S4

Table 2 Previous Investigations within the 1-mile buffer (N = 21)				
Report ID	Year	Author	Project	Company
1988-4.ASM	1988	Roth, Barb	Calmat Co. State Land Survey	Unknown
1992-239.ASM	1992	Crary, Joseph	Tucson-Phoenix III	Archaeological Consulting Services
1994 – 6.ASM	1994	Douglas, Diane L.	Class III Survey of Proposed Quarry at Salt River	Archaeological Consulting Services
1997-202.ASM	1997	Rogge, A. E.	51st Avenue – Lower Buckeye Road to the Boundary o	Dames & Moore
1999 –486.ASM	1999	Larkin, Robert	Anasazi Door, LLC Project	Stantec
1999-521.ASM/SHPO-2000-2126	1999	Grafil, L. S., and H. S. Schaafsma	Laveen Sewer Relief	Logan Simpson Design, Inc.
2001-505.ASM/SHPO-2001-1609	2001	Slawson, L.	Fowler Survey	Aztlan Archaeology, Inc.
2003-71.ASM	2003	Clark, Tiffany C.	HDR5	Desert Archaeology, Inc.
2003-1485.ASM	2003	Clark, Tiffany C.	67th Avenue Water Transmission Main Archaeology	Desert Archaeology, Inc.
2004-118.ASM	2004	Marshall, John T.	67th Avenue and Baseline Road Survey	Northland Research, Inc.
2004-461.ASM	2004	Kober, Brent	Baseline and 51st Avenue Survey	Northland Research, Inc.
2004-1084.ASM/SHPO-2002-1022	2004	Brown, Gregory B.	Laveen Pump Station	Logan Simpson Design, Inc.
2004-1833.ASM	2004	Shaw, Chester W., Jr.	51st Avenue and Dobbins Road Survey	Northland Research, Inc.
2005-51.ASM	2005	David, Stephen	Baseline/51st	Professional Archeological Services & Technology
2006-408.ASM	2006	Moore, Scotty B.	51st Avenue and Elliot Road Survey	Northland Research, Inc.
2008-480.ASM	2008	Ryan, Kimberly	51st Ave (Dobbins-LACC)	EcoPlan Associates, Inc.
2009-385.ASM	2009	Stokes, Robert J.	67th Avenue Crossing at Silver River	Archaeological Consulting Services
2009-576.ASM	2009	Erickson, Kirsten	PHO Laveen Ranch	URS Corporation
2011-514.ASM	2011	Moses, James	PHO Beverly	Antigua Archaeology, LLC
2020-245.ASM	2020	Kovalchik, Jacob	Southern Avenue: 51st Avenue to 37th Lane	Archaeological Consulting Services
2021-83.ASM	2021	Fjerstad, Branden	Ashton Woods – Estrella Crossing Reclamation Easement	SWCA Environmental Consultants, Inc.

Table 3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
1999-013	2000	Grafil, Linda S.	75th Ave Waterline, Survey	Logan Simpson	Survey
1999-013	2001	Brown, Gregory	75th Ave Waterline, Preliminary Report	Logan Simpson	Testing, data recovery
1999-013	2001	Courtright, J. Scott	75th Ave Waterline, Preliminary Report of Additional Testing	Logan Simpson	Preliminary testing
1999-013	2001	Courtright, J. Scott	75th Ave Waterline, Final Report	Logan Simpson	Testing, data recovery
2000-044	2001	Clark, Tiffany, and T. Kathleen Henderson	67th Ave. Sewer	Desert Archaeology	Monitoring and testing
2002-045	2004	Clark, Tiffany	67th Ave/Baseline	Desert Archaeology	Testing
2005-049	2006	Mitchell, Douglas R., and Chris North	Testing at Two Sites in the Laveen Farms Development	SWCA	Testing
2006-014	2009	Ryan, Kimberly, and Jill Heilman	51st Ave: LACC to 200' North of Dobbins	EcoPlan	Testing
2006-027	2006	Gage, Gina S.	Survey of 78.7 Acres NW of Dobbins Road and 67th Ave. McClellan Ranch	Northland	Survey
2014-025	2015	Brodbeck, Mark	South Mountain Freeway, W59 and E1 Alignments	HDR	Survey
2014-025	2016	Bartholomew, Alan L., and Mark Brodbeck	South Mountain Freeway, EIS Reevaluation	HDR	Survey
2014-025	2016	Chenault, Mark	South Mountain Freeway, AZ T:12:423(ASM) Data Recovery, Preliminary	HDR	Testing
2014-025	2017	Bowler, Maggie R.	South Mountain Freeway, EIS Reevaluation	AZTEC	Survey
2014-025	2017	Bowler, Maggie, Deil R. Lundin, and Chris Papalas	South Mountain Freeway, EIS Reevaluation	AZTEC	Survey
2014-025	2017	Brodbeck, Mark	South Mountain Freeway, Three Parcels	HDR	Survey
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, AZ T:12:423(ASM) Data Recovery, Preliminary	WestLand	Data Recovery
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, Site 423 West Phase I Data Recovery, Preliminary	WestLand	Data Recovery
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, Site 423 West Phase II Data Recovery, Preliminary	WestLand	Data Recovery

Table 3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
2014-025	2017	Chenault, Mark L.	South Mountain Freeway, AZ T:12:204(ASM) Data Recovery, Preliminary	WestLand	Data recovery
2014-025	2018	Charest, Jeffrey	Site 91-W-FW EOF Report	Westland	Data recovery
2018-012	2023	Klebacha, Caroline	Legacy at Hudson Commons	PaleoWest	Survey
2019-005	2019	Stone, Bradford W.	Hancock South Mountain	WestLand	Survey
2019-005	2019	Bernatchez, Jocelyn A.	Hancock South Mountain	Westland	Testing
2019-032	2023	Arp, Ryan, and Steve Swanson	McClellan Ranch, AZ T:12:9(ASM)	EPG/Terracon	Data recovery
2019-092	2019	Hayden, Caitlin	Estrella Crossing Survey	SWCA	Survey
2019-093	2021	Arp, Ryan, Chris Papalas, and Steve Swanson	67th Avenue & Dobbins Survey	EPG	Survey
2019-101	2020	Green, Cory, and Chad V. Kirvan	59th Ave & Southern, End of Fieldwork Report	PaleoWest	Testing
2019-101	2022	Forest, Marion, Chad V Kirvan, and Angela Huster	59th Ave & Southern, Archaeological Investigations	PaleoWest	Data recovery
2020-067	2020	Papalas, Christopher A., and Ryan Arp	61st Ave & Baseline Survey	EPG	Survey
2021-024	2021	Arp, Ryan, and Steve Swanson	Survey of 28 Acres at the Northwest Corner of 59th Ave and Dobbins	EPG	Survey
2021-048	2022	Chamorro, Sebastian	Laveen Park Place (South of Conveyance Channel)	PaleoWest	Testing
2021-050	2021	Arp, Ryan, and Steve Swanson	Dobbins Park	EPG/Terracon	Testing
2021-060	2022	Dytchkowskyj, Deanna	West Dobbins & Loop 202 Class III	PaleoWest	Survey
2022-014	2022	Deats, Jennifer K., Deanna Dytchkowskyj, and Angela Hunter	59th & Dobbins Development Class III	PaleoWest	Survey
2023-017	2023	Schroeder, David	Dobbins 202 West Class III	PaleoWest	Survey
ADOT	1987	Bostwick, Todd, and Glen E. Rice	Southwest Freeway Loop	COP	Survey
ADOT	2005	Darling, J. Andrew	South Mountain Freeway, Five Alternative Alignments	GRIC CRMP	Survey

Table 3. Previous Investigations within the 1-mile buffer (CAO) (N=53)					
Report ID	Year	Author	Project	Company	Project Type
N/A	1995	Owens, Jeffrey D.	59th Ave: Southern to Dobbins	Soil Systems, Inc.	Survey
N/A	2003	Marshall, John T.	67th Ave./Baseline Rd.	Northland	Survey
N/A	2007	Howard, Jerry B.	Laveen #8 School	Howard Archaeological Surveys	Survey
Private	2000	Ellis, J. Grace	Phoenix Waterline, 35th Ave/Broadway to 67th Ave/Baseline	Soil Systems, Inc.	Survey
Private	2003	Marshall, John T.	Laveen Meadows Project	Northland	Testing
Private	2004	North, Chris, John M. Lindly, and Ronald F. Ryden	Testing Near AZ T:12:90(ASM)	SWCA	Testing
Private	2005	Lindly, John M.	Pueblo Primero	SWCA	Monitoring and data recovery
Private	2009	Erickson, Kirsten, and A.E. (Gene) Rogge	Verizon Wireless PHO Laveen Ranch	URS	Survey
--	1994	Douglas, Diane	51st Avenue Quarry	ACS	Survey
--	2003	Ryden, Ronald F., and Douglas R. Mitchell	67th Ave/Baseline	SWCA	Testing
--	2005	Stephen, David V. M.	Baseline & 51st Ave.	Archaeological Research Services	Survey
--	2005	Self, William	SFPP LP East Line Extension	William Self Associates	Survey
--	2007	Ravesloot, John C., M. Kyle Woodson, and Michael J. Boley	SFPP LP East Line Extension	William Self Associates	Testing and data recovery
--	2017	Charest, Jeffrey P.	South Mountain Freeway, AZ T:12:91(ASM) Phase 1 Data Recovery, Preliminary	WestLand	Data recovery
--	2017	Chenault, Mark L.	South Mountain Freeway, AZ T:12:221(ASM) Phase II Data Recovery, Preliminary	WestLand	Data recovery
--	2018	Bowler, Maggie R.	Loop 202-South Mountain Freeway, EIS Reevaluation	AZTEC	Survey

Eight previously recorded cultural resource sites were identified intersecting the APE: archaeological sites AZ T:12:9(ASM), AZ T:12:14(PG), AZ T:12:90(ASM), AZ T:12:91(ASM),

AZ T12:92(ASM), AZ T:12:153(ASM), AZ T:12:204(ASM), and historic-age building SMFA0010 (**Table 4 and Confidential Appendices**). Thirty additional cultural resources were identified outside of the APE but within the 1-mile buffer of the APE (**Table 5 and Confidential Appendices**). As shown on the Howard and Huckleberry Canal Maps (as depicted in AZSite 2024), three ancient canals are projected to intersect Project routes N1, N2, and S4 (**Confidential Appendices**). Several historic-age open and piped lateral canals intersect the Project, at routes N1, N2, N3, N4, S1, S2, S3, and S4; most of these are managed by SRP and none of them are designated historic laterals or eligible for listing on the NRHP per the 2013 Programmatic Agreement between Reclamation, SHPO, and SRP regarding operations and maintenance of the Salt River Project canals.

Table 4. Previously Identified Sites within the APE (N=8)

Agency Number	Site Type	Site Description	NRHP Status	Location to Project Route
AZ T:12:9(ASM)	Prehistoric/ historic	Villa Buena (Prehistoric Village Hohokam Classic/Pre-Classic)	Eligible (SHPO 2005-1703)	Intersects route S1
AZ T:12:14(PG)	Prehistoric	Hohokam site – artifact scatter	Eligible (ADOT 2016)	Intersects routes S1 and S2
AZ T:12:90(ASM)	Prehistoric	Hohokam site – artifact scatter	Recommended ineligible (2001)	Intersects route N1
AZ T:12:91(ASM)	Prehistoric	Hohokam site – trail, artifact scatter, possible human remains	Eligible (SHPO 2003–1890)	Intersects routes S1, S2, S3, and S4
AZ T:12:92(ASM)	Prehistoric	Hohokam site – Prehistoric Canal	Assumed eligible (SHPO 2022)	Intersects routes N3 and N4
AZ T:12:153(ASM)	Historic	Maricopa Drain – 8-mile earthen channel	Ineligible (SHPO 2011-0659)	Intersects routes N1, N2, N3, and N4
AZ T:12:204(ASM)	Prehistoric	Low density artifact scatter (Hohokam Colonial Period)	Eligible (SHPO 2003-1890)	Intersects route N1
SMFA0010	Historic	Colvin-Tyson/Barnes Dairy barn	Recommended eligible (2005)	Intersects route S4

Table 5. Previously Identified Sites within the 1-mile buffer (N= 30)

Agency Number	Site Type	Site Description	NRHP Status
AZ T:12:11(ASM)	Prehistoric	Pueblo Primero- High density artifact scatter (Hohokam Pre-Classic/Classic Period)	Recommended eligible (2003)
AZ T:12:52(ASU)	Historic	Relocated adobe	Unknown
AZ T:12:55(ASU)	Prehistoric	Hohokam site – artifact sherds, flakes, ground stone, and slag. Prehistoric Canal	Assumed eligible (SHPO 2022)
AZ T:12:87(ASM)	Prehistoric	Artifact scatter along prehistoric canal	Ineligible (SHPO 2008-1306)

Table 5. Previously Identified Sites within the 1-mile buffer (N= 30)			
Agency Number	Site Type	Site Description	NRHP Status
AZ T:12:88(ASM)	Prehistoric	Artifact scatter along prehistoric canal	Ineligible (SHPO 2008-1306)
AZ T:12:133(ASM)	Prehistoric	Hohokam Late Pre-Classic to Early Classic Period artifact scatter	Ineligible (SHPO 2002-1022), recommended eligible (COA)
AZ T:12:134(ASM)	Multi-component	Historic canal and multi-component artifact scatter	Eligible (CAO)
AZ T:12:138(ASM)	Prehistoric	Pueblo Primero – Hohokam habitation, canal, ballcourt	Eligible (SHPO 2009-0622)
AZ T:12:142(ASM)	Prehistoric	Canal Laveen – Hohokam irrigation canal	Eligible (SHPO 2014-0436)
AZ T:12:143(ASM)	Prehistoric	South Branch Canal – Hohokam irrigation canal	Assumed eligible (SHPO 2022)
AZ T:12:151(ASM)	Prehistoric	Habitation site including hearths, thermal pit, and artifact scatters	Eligible (SHPO 2003-1890)
AZ T:12:186(ASM)	Prehistoric	Hohokam Pre-Classic/Classic Period site – artifact scatter	Recommended eligible (2003)
AZ T:12:205(ASM)	Multi-component	Artifact scatter, disturbed	Eligible (SHPO 2003-1890)
AZ T:12:221(ASM)	Prehistoric	Artifact scatter, low density	Eligible (SHPO 2003-1890)
AZ T:12:423(ASM)	Multi-component	Hohokam Canal Primero and artifact scatter, historic Canal León	Eligible (SHPO 2003-1890)
AZ T:12:441(ASM)	Unknown	Unknown	Unknown
Midvale T1S R2E S5	Prehistoric	Unknown prehistoric site	Unknown
NA15677	Prehistoric	Structural mound – (Hohokam Classic Period)	Unknown (likely eligible)
SMFA0008	Historic	Tyson farmhouse (1930)	Recommended contributing (2005)
SMFA0009	Historic	Colvin farmhouse (1921)	Recommended ineligible (2005)
SMFA0013	Historic	Hackin farmhouse (1930)	Recommended ineligible (2005)
SMFA0014	Historic	Hackin farmhouse (1943)	Recommended ineligible (2005)
SMFA0015	Historic	Hackin horse barn	Recommended ineligible (2005)
SMFA0016	Historic	Hackin dairy barn	Recommended eligible (2005)

Table 5. Previously Identified Sites within the 1-mile buffer (N= 30)			
Agency Number	Site Type	Site Description	NRHP Status
SMFA0017	Historic	Hudson farmhouse	Recommended contributing (2005)
SMFA0018	Historic	Hudson machine shed	Recommended contributing (2005)
SMFA0019	Historic	Hudson stave silos	Recommended eligible (2005)
SMFA0020	Historic	Hudson garage/apartment	Recommended contributing (2005)
SMFA0021	Historic	Hudson capacity barn	Recommended contributing (2005)
Site No. 13	Historic	George Cheatham House	Recommended eligible (City HPO 2007)

AZ T:12:9(ASM) Villa Buena, Prehistoric Village Hohokam Classic/Pre-Classic

This resource, reported to be three or more ball courts in 1928, was updated by J.E. Ayres (1964) and was updated with a survey by Brenda Randolph (2005). The site is located on a privately-owned, plowed agricultural field intersected by municipal road and lateral canal rights-of-way. The area has been somewhat disturbed by farming straddling the GRIC boundary. Recorders noted a high density artifact scatter present in the cotton fields north and south of Dobbins Road. Thousands of ceramics, hundreds of chipped artifacts, and over twenty ground stone items were present. Some Historic Period American items were also present (aqua glass and a painted pop bottleneck). The site was determined eligible for listing in the NRHP under Criterion D, with SHPO concurrence (SHPO-2005-1703, August 16, 2006). Portions of the site have been subject to recent testing and data recovery excavations (Arp and Swanson 2021, 2023)

AZ T:12:14(PG) – Hohokam Site

This prehistoric Hohokam site includes Preclassic and Classic components. Informants in 1939 stated that manos, metates, and large and small well-polished axes had been encountered by plowing. The resource was recommended eligible for listing on the NRHP, and portions were investigated in association with the South Mountain Freeway project (COA report 2014-025 - Charest 2018).

AZ T:12:90(ASM) – Hohokam site – artifact scatter

This Hohokam site is located in plowed fields on the south side of the Salt River floodplain. Surface artifacts observed include sherds (Salt Red, Wingfield Plain, and red-on-buff), ground stone (mano and metate fragments), chipped stone (basalt cores, choppers, and flakes; obsidian), and slag. Extensive testing was conducted in 2001 (2004-1084.ASM) that revealed significant disturbance from prior farming. Subsurface finds included historic era water control features, historic artifacts, and a small number of prehistoric artifacts, primarily ceramics. The resource was

recommended ineligible for the NRHP. A 2013 survey noted extensive impacts to the portion of the site along Southern Avenue from sewer line trenching.

AZ T:12:91(ASM) – Hohokam artifact scatter, human remains

This resource was originally recorded by Jeffery D. Owens (1995) and then updated by J Andrew Darling (2005). It is a Hohokam site located 1.5 miles south of the Salt River on a terrace by 59th Avenue. The site consists of a short trail leading to a circular cleared area, a small rock ring, and a large rock ground stone. Chipped stone artifacts are present at surface level and in dense quantities. Fragments of stone tools primarily consisting of hammer stones, cores, chippers, and large basalt flakes are present. Both jars and bowls are present including Gila Bend, Salt Red, Gila Plain, and unidentified Red-on-Buffs. Additionally, human remains are present as reported by a local farmer who found an ax and human bone at the site (Bostwick and Rice 1987). The updated survey in 2005 mention no extant remains at this site on the ground surface, although intact subsurface deposits may exist below the plow zone (Darling 2005). The site was determined eligible for listing in the NRHP under Criterion D with SHPO concurrence (SHPO-2003-1890, August 7, 2005).

AZ T:12:92(ASM) - Prehistoric Hohokam site – canal

The resource was originally recorded by Jeffry D. Owens (1995). The site consists of a potential Hohokam irrigation canal. The feature is described as a narrow, slightly depressed channel containing dark, organic soils. The feature extends 600 meters from 59th Avenue to 275 meters south of Baseline Road. No additional cultural features were associated with the site. The site has not been individually evaluated for eligibility for listing in the NRHP but, as a projected Hohokam irrigation canal, is assumed eligible per SHPO guidance (SHPO 2022).

AZ T:12:153(ASM) - Historic Maricopa Drain

The site, an in-use historic structure, consists of the Maricopa Drain, which was constructed in the 1920s according to SRP archival documents (White et al. 2001). It is an 8-mile earthen channel which ranges in width between 10 to 30 feet. The drain has been clean and maintained, more intensively since the 1970s, and remains an unlined, earthen channel. Although the area in and around the feature has been somewhat modified, the drain remains functional. The 2001 recorder recommended the resource as eligible for NRHP listing, but an ASM report, submitted by Kirsten Erikson and A.E. Rogge (2009), mentions that a section of the channel was impacted and determined ineligible for NRHP listing (SHPO 2011-0659).

AZ T:12:204(ASM) - low density artifact scatter – Hohokam

The original recording was by J. Andrew Darling (2005). The artifact scatter is a Hohokam site dating to the colonial period. It contains multiple artifact types, mostly located on privately owned residential property. The site consists of ceramics and chipped stone, including two Gila Butte Red-on-Buff sherds and three Santa Cruz or Sacaton Red-on-buff sherds. Additionally, three basalt hammerstones, one ground stone fragment, and a shell bracelet fragment were present (Darling 2005). This site was determined for Eligible for listing the NRHP under Criterion D with SHPO concurrence (SHPO-2003-1890, August 7, 2006).

SMFA0010 – Colvin-Tyson/Barnes Dairy barn

This historic resource, a head-to-toe dairy barn, was built by the Barnes family ca. 1950 as part of their dairy operation. The barn is of concrete-block construction on a concrete slab foundation with

a low-pitch sheet metal roof. The property was recommended individually eligible for NRHP listing, and also as a contributor to a proposed historic rural streetscape that includes the portion of Dobbins Road bounded by 6102 and 6159 W Dobbins Road (Pratt 2005). It appears the SR 202L may have been designed to avoid this structure.

Historic Document Review

A review of historic maps and aerial photographs confirms the historic research and shows historic land use patterns. The project area is shown on the original survey maps from 1868, 1900, 1919, 1920, and 1921 plats show several plots of lands and unmarked wagon roads with little to no major development (BLM GLO 1868, 1900, 1919, 1920, and 1921).

The 1868 survey map for Township 1 North/Range 1 East shows a Salt River crossing through the southwest and southeastern portion of Section 25, heading eastwards, and a slough stream running through the northwestern and northeastern portion heading north. The survey map of Township 1 North, Range 2 East, also from 1868, depicts the Salt River fork within the southeastern portion of Township 1 North, Range 2 East, Section 30 moving westbound towards Section 29. The fork splits into the northern and southern channels which moves through the northwestern and southern portion of Section 29. Little to no change is shown on maps in this area between 1868 and 1900 (BLM GLO 1868, 1900).

In the survey map of 1900, Ivy's store is 0.4 miles southeast of the parcel of the proposed substation in Section 7 at the intersection of two dirt roads, which do not match any modern road corridors. The Whispering Tree Ranch today is near Ivy's store (BLM GLO 1900). In the 1920 plat, the southwestern portion of Township 1 South, Range 2 East, Section 7, the Gila River Indian Reservation border is 0.3 miles southwest from the parcel of the proposed substation. A dirt road marked "Road to Salt River" runs northbound through the southeast and northeast portion of Section 7, adjacent to the APE but then disappears 0.5 miles to the north (BLM GLO 1920). Sometime between 1900 and 1933, Sections 5-7 and Section 17-18 of Township 1 South, Range 2 East present several homesteads and land grants on both sides of the Gila River Reservation (BLM 2024).

The homesteads that are intersected by the APE are the homesteads of Chester Innis, Samuel G. Witten, and Ella Thompson within Section 7 of Township 1 South, Range 2 East (BLM 2024). In the southeastern portion of Section 6, the homesteads of Robert Azbill, Manuel R Contreras, and Edwin Oglesby are near the APE (BLM 2024). The APE heads through the northwestern corner of Section 5 and crosses through the homesteads of Francisco Angulo in the southern half of the northwest corner, the homestead of Franklin B Harvey, and the homestead of Roger G. Laveen (BLM 2024). The APE intersects with the property of Henry D. Underwood at Township 1 North, Range 2 East, Section 31 (BLM 2024). The survey map from 1921 for Township 1 South, Range 1 East, Section 1 shows the homestead of Dominique Claberot within the southern half of the northeast corner (BLM 2024).

The earliest USGS maps from 1912 and 1946 show large areas of undeveloped lands. The 1912-1913 Western Canal runs across the southeastern portion of Township 1 South, Range 2 East, Section 8 heading eastbound through Sections 9 and 12 and continues for several miles (USGS 1912, 1946). Between 1912 and 1914, the USGS topographical maps reveal little to no

development near the north or south routes. A branch of the canal runs parallel with the precursor to Elliot Road, one mile south of the parcel of the proposed substation and ends by the Gila River Indian Community boundary on the southwestern edge of Section 7 and the northern portion of Section 18. Little to no development occurs along Dobbins Road or West Baseline Road.

Another branch of the Western Canal is 0.45 miles east of the proposed substation parcel and the APE (USGS 1912, 1914, 1932, 1946). By 1952, this branch of the canal extended 0.5 miles west along the future West Olney Avenue through the middle portion of Section 7 and in between the new substation and the connecting northern routes (USGS 1952). Additionally, the main roads, such as 59th Avenue, appear 0.31 miles east. 51st avenue and the intersecting Dobbins Road develop into two lane highways (USGS 1952).

Centered on the intersection of Dobbins and 59th, the town of Laveen sits 1.75 miles east of the APE between the southeastern edge of Township 1 North, Range 2 East, Section 5, and the northeastern edge of Section 8. Areas around Maricopa Village develop further, and the Maricopa Village cemetery is placed near Dobbins Road on Township 1 South, Range 1 East, along the southeastern edge of Section 2 and the northeastern edge of Section 11, 1.6 miles west of the APE. (USGS 1952).

Between 1953 and 1973, a few more urban and residential developments emerge. In 1967, a few silos are constructed on the northeastern corner of Section 7 and 0.6 miles northeast from the parcel of the proposed substation. South 63rd Avenue is shown running parallel with the APE heading north towards West Baseline Road. Along 63rd Avenue, a few more residential developments appear. Further developments are also placed between Baseline Road and Dobbins Road by Township 1 South, Range 2 East, Section 6 and Township 1 North, Range 2 East Section 31. Additionally, Rancho Grande appears 0.2 miles west of the APE in the southwestern portion of Section 31.

Both aerial and topographical maps reveal that between 1958 and 1973, the area is divided up into agricultural land that was used for orchards and various crops. Sometime in 1971, the recycling center is created east of the APE in Township 1 South, Range 2 East, in the southeastern portion of Section 6. Other areas west of the APE were largely undeveloped with little to no vegetation at all (Maricopa County 1958, 1971, 1973). In sum, little to no development occurred in this area until sometime between 2017 and 2019, when the South Mountain Freeway SR202L was constructed (Maricopa County 2017, 2019). Completion of the freeway has spurred widespread residential, commercial, and industrial development.

Several properties within the one-mile search buffer are listed on the City of Phoenix *Historic Property Register* (City of Phoenix 2024) (**Confidential Appendices**). The Colvin-Tyson Farmstead / Barnes Dairy at 6159 West Dobbins Road includes the 1921 Colvin farmhouse (SMFA0009), the 1930 Tyson farmhouse (SMFA0008), and a head-to-toe dairy barn constructed ca. 1950 (SMFA0010). The Hackin farmstead at 10048 South 59th Avenue includes the 1930 farmhouse (SMFA0013), the 1943 farmhouse (SMFA0014), a modified horse barn constructed in the 1930s-1940s (SMFA0015), and a dairy "flat" barn likely constructed in the 1930s-1940s (SFMA0016). The Hudson farm includes the 1920s farmhouse modified in the 1940s-1950s

(SMFA0017), as well as a machine shed (SFMA0018), a pair of concrete stave grain silos (SFMA0019), a steel capacity barn (SFMA0021), and garage/apartment (SFMA0020), all constructed in the 1940s.

5.0 MANAGEMENT RECOMMENDATIONS

The Class I cultural inventory identified eight cultural resources intersecting the various routes that comprise the APE. Of these, six are archaeological sites that have been either determined eligible for the NRHP (AZ T:12:9(ASM), AZ T:12:14(PG), AZ T:12:91(ASM), and AZ T:12:204(ASM)), are assumed eligible for the NRHP (AZ T:12:92(ASM)), or are a historic-age structure recommended eligible for the NRHP (SMFA0010). Of the remaining two resources, one is an archaeological site (AZ T:12:153(ASM)) that has been determined ineligible for the NRHP and one is a site (AZ T:12:90(ASM)) that has been recommended ineligible for the NRHP though no official SHPO determination is on file.

The majority of the APE has been subject to prior cultural resources survey, however many of these projects are more than 10 years in age and may no longer provide adequate inventory of cultural resources. On the other hand, 29 cultural resource projects were completed in the vicinity of the APE over the last 10 years, a testament not only to the area's recent growth, but also demonstrating that significant cultural resources are present. For these reasons, we recommend that SRP conduct a new Class III survey of the proposed facilities and the selected alternative transmission line, where feasible, prior to construction.

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Appendix — Figures

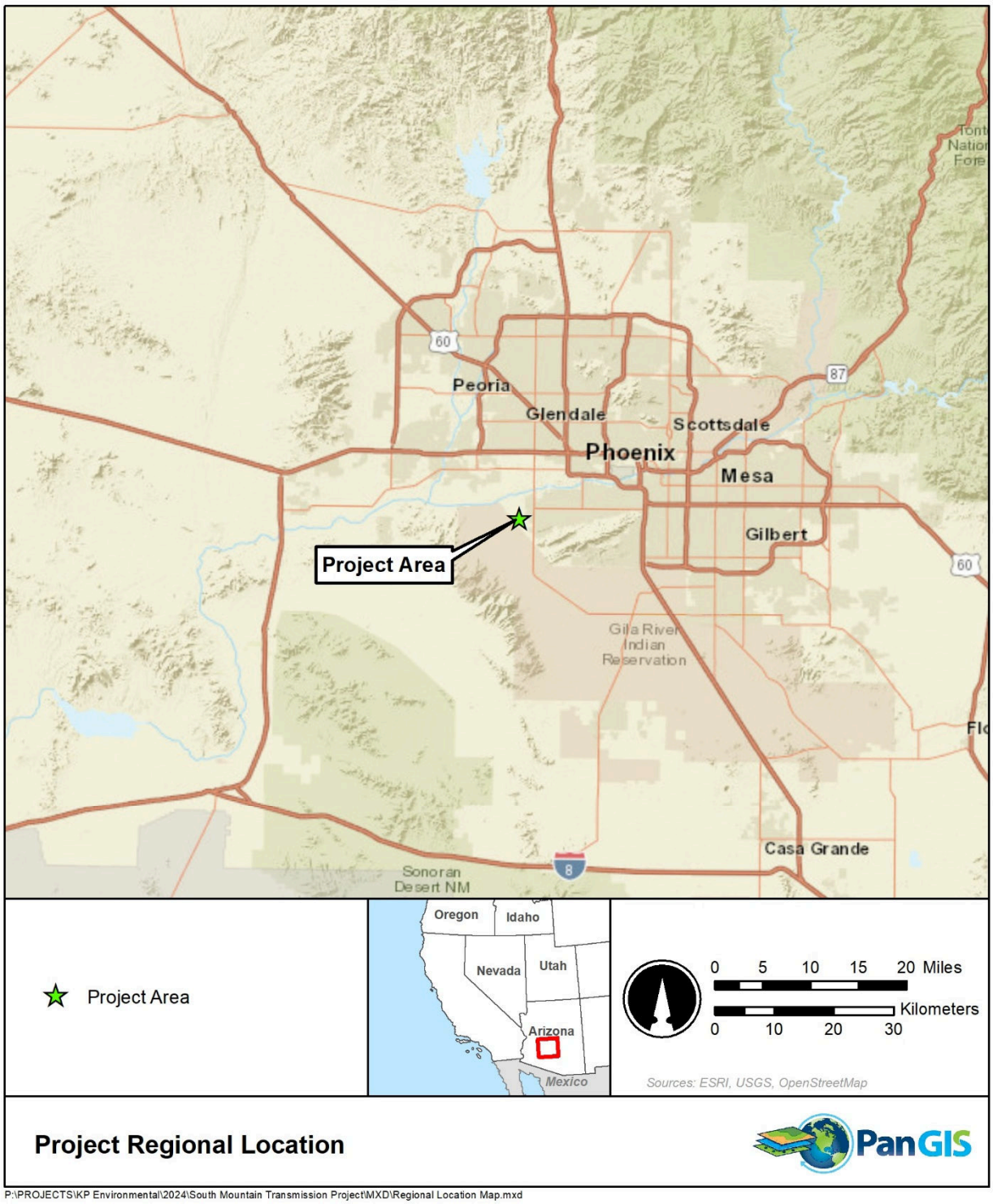

Figure 1. Regional Location

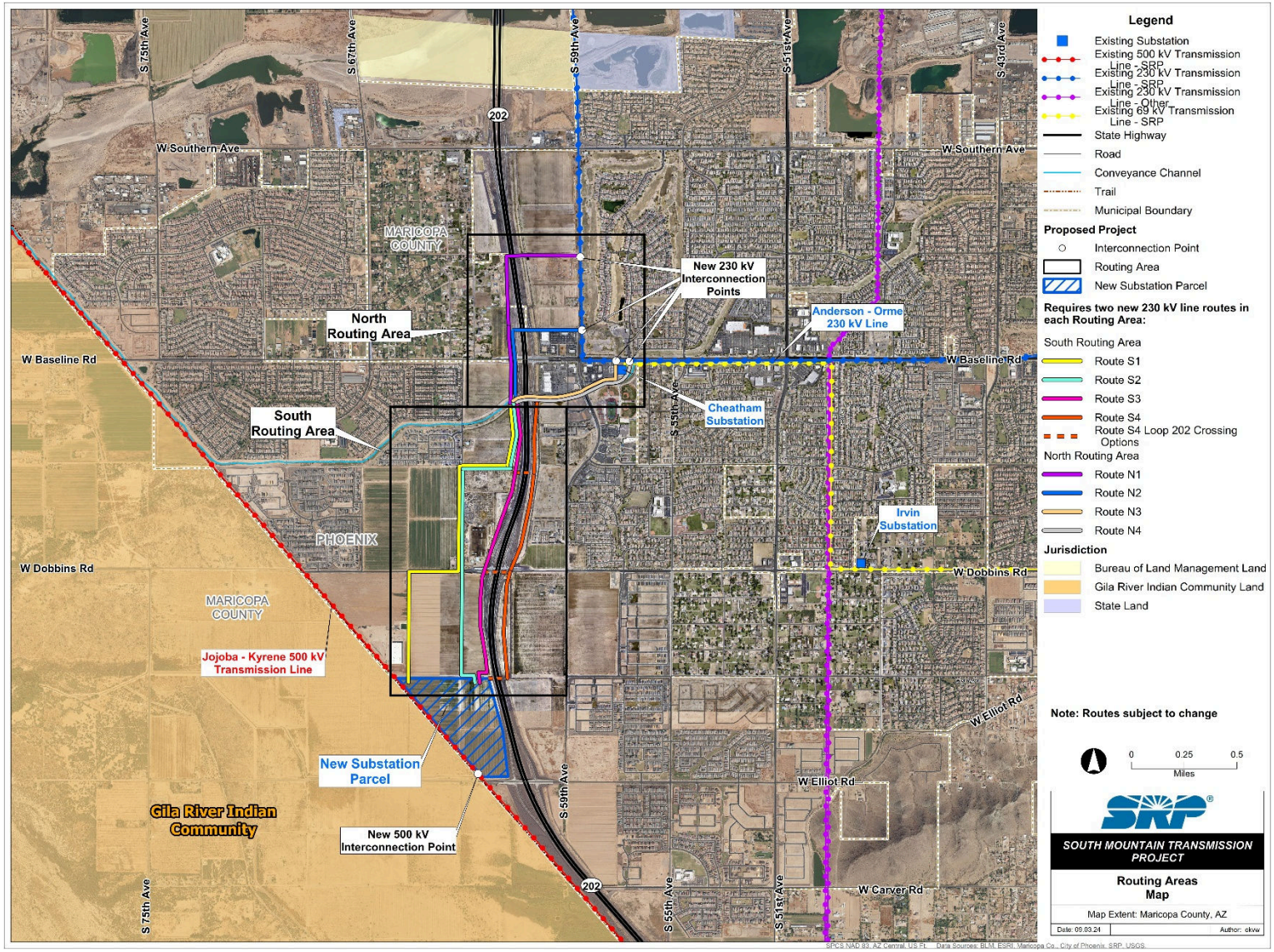

Figure 2. Project Location

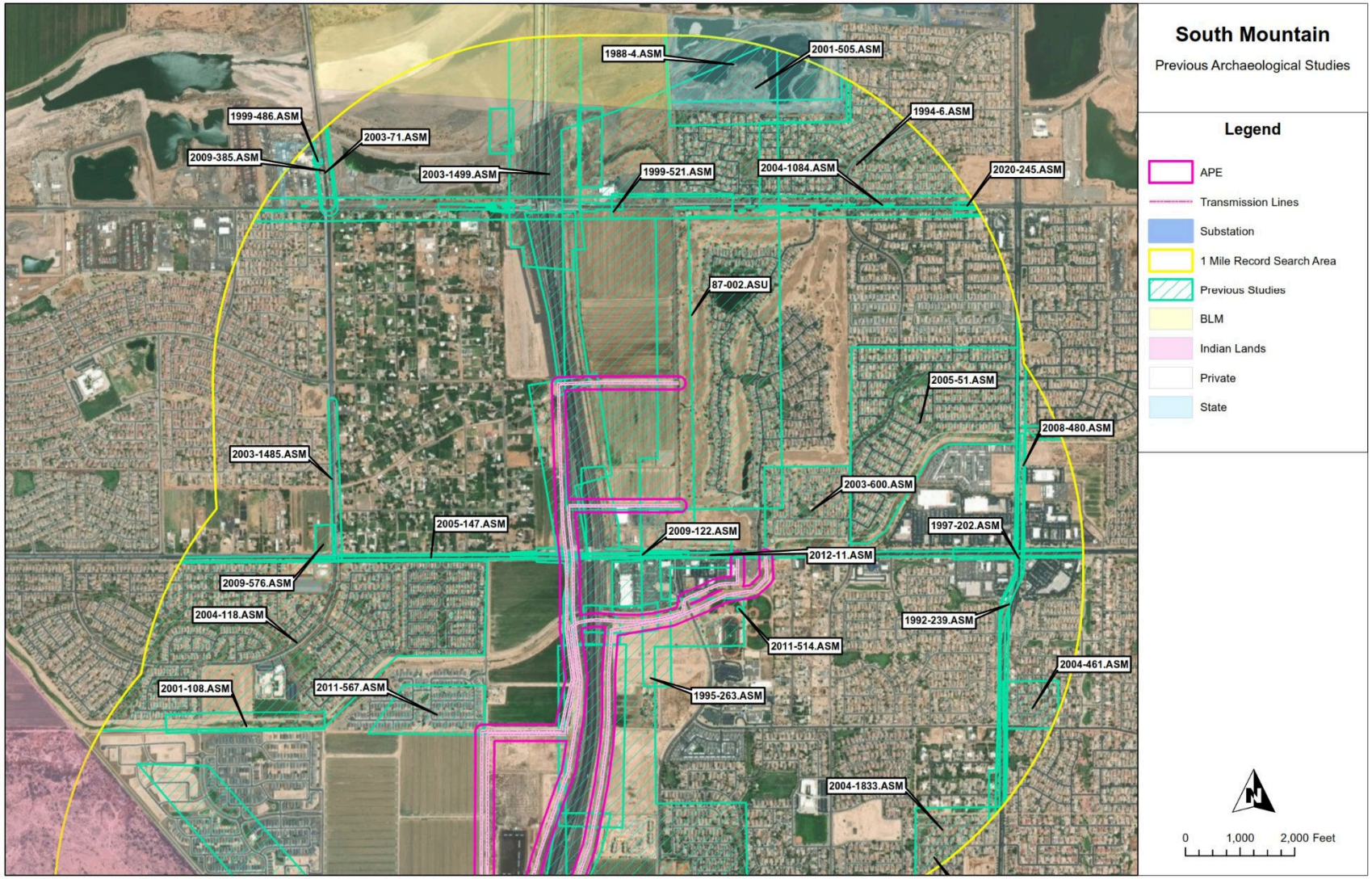

Figure 3a. Previous Investigations (1 of 2)

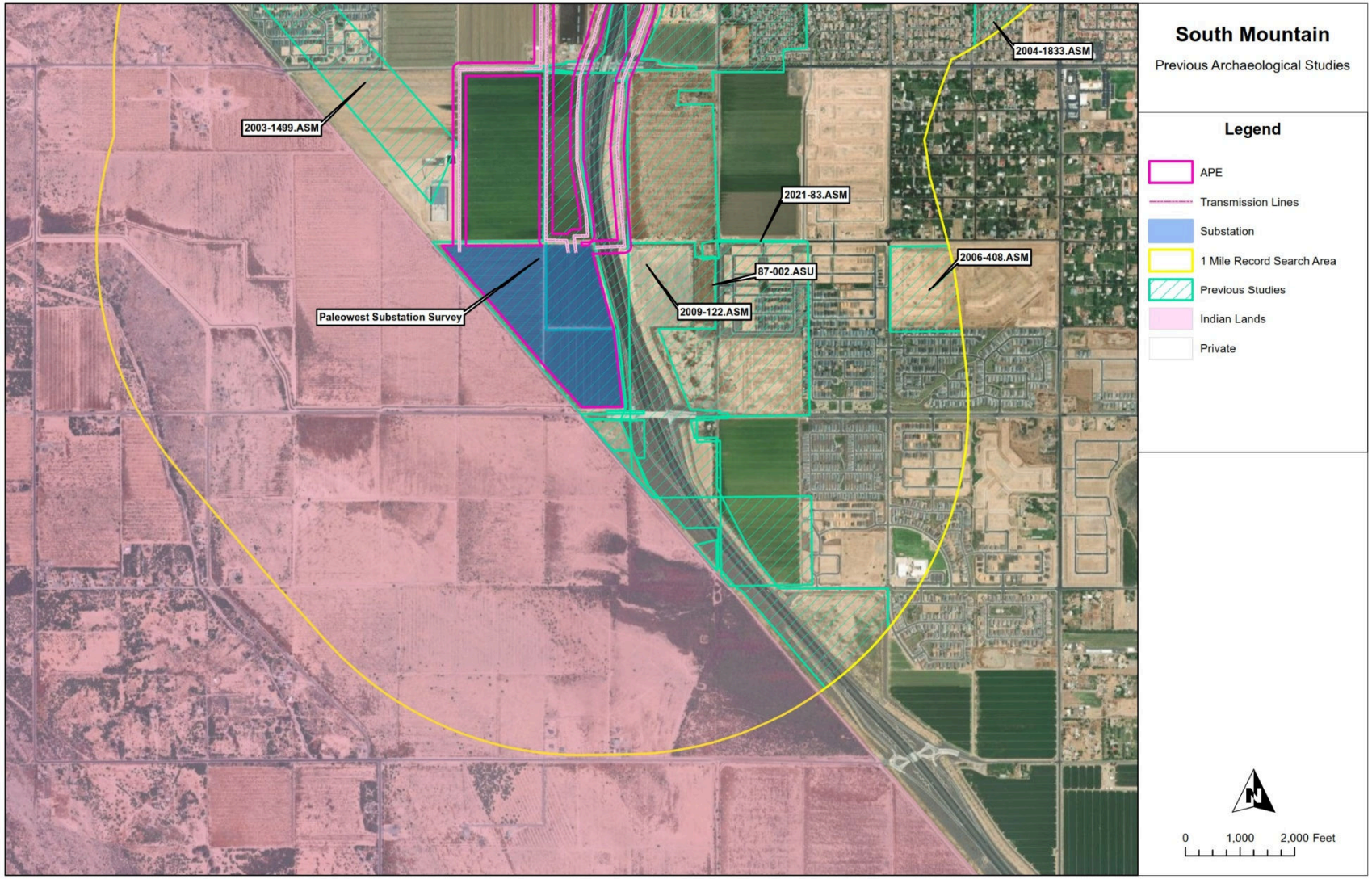

Figure 3b. Previous Investigations (2 of 2)

EXHIBIT E-2
TRIBAL CORRESPONDENCE

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Robert Miguel
Chairman
Ak-Chin Indian Community
42507 W. Peters & Nall Rd
Maricopa, AZ 85138

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Chairman Miguel,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

The Project requires a direct connection to SRP's 230 kV and 500 kV transmission networks by constructing new transmission lines to connect the new substation to a nearby 230 kV source at the existing Anderson – Orme 230 kV transmission line (see attached map).

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- New overhead 500 kV transmission line from the existing Jojoba - Kyrene 500 kV transmission line to the new substation.

The Arizona Corporation Commission (ACC) requires that SRP obtain a Certificate of Environmental Compatibility (CEC) for this Project because the proposed transmission line voltage is above 115 kV. Consulting parties for this Project are the Arizona State Historic Preservation Officer, the City of Phoenix Historic Preservation and City Archaeologist Offices, Gila River Indian Community, Hopi Tribe, Pascua Yaqui Tribe, Salt River Pima- Maricopa Indian Community, Tonto Apache Tribe, White Mountain Apache Tribe, Yavapai Apache Nation, Ak-Chin Indian Community, Pueblo of Zuni, Mescalero Apache Tribe, Fort Mojave Indian Tribe, and Tohono O'odham Nation.

SRP has retained KP Environmental, Inc., with Douglas Mengers as Lead Archaeologist, to conduct a Class I Cultural Resources Study to summarize previously conducted cultural resource projects and known cultural resources within the Project study area, excluding Tribal lands, as part of the CEC Application package. A copy of the report is enclosed for your review and comment. All cultural resource locational information, including maps, will be redacted from any copies of the document available to the general public.

SRP is also inquiring whether you have any concerns regarding cultural resources as well as any sites of traditional, religious, cultural, or historical importance to your community within the Project vicinity. SRP will be filing their CEC Application at the end of September 2024, and has scheduled public hearings associated with the CEC Application starting November 12, 2024. I would greatly appreciate your comments prior to November 1, 2024. Please provide comments to my attention, using the details below:

Daniel Garcia
Senior Cultural Resource Management Specialist
SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

Your correspondence will be included as part of the Project record that is filed with the ACC. If you have any further questions or would like to discuss this document, please do not hesitate to contact me by email or by telephone at 602.236.2336. To learn more about this project, visit www.srpnet.com/grid-water-management/grid-management/improvement-projects/south-mountain-project.

Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Carmen Narcia, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Timothy Williams
Chairman
Fort Mojave Indian Tribe
500 Merriman Ave
Needles, CA 92363

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Chairman Williams,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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Senior Cultural Resource Management Specialist
SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Linda Otero, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Stephen Roe Lewis
Governor
Gila River Indian Community
P. O. Box 97
Sacaton, AZ 85147

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Governor Lewis,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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Daniel Garcia
Senior Cultural Resource Management Specialist
SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: GRIC Tribal Historic Preservation Office, with enclosures
Reylynne Williams, via email with enclosures
Larry Benallie Jr, via email with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Timothy L. Nuvangyaoma
Chairman
Hopi Tribe
P. O. Box 123
Kykotsmovi, AZ 86039

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Chairman Nuvangyaoma,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Stewart Koyiyumptewa, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Thora Walsh Padilla
President
Mescalero Apache Tribe
P. O. Box 227
Mescalero, NM 88340

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear President Padilla,

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Holly Houghten, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Julian Hernandez
Chairman
Pascua Yaqui Tribe
7474 S. Camino de Oeste
Tucson, AZ 85746

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Chairman Hernandez,

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Dr. Karl A. Hoerig, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Arden Kucate
Governor
Pueblo of Zuni
P. O. Box 339
Zuni, NM 87327

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Governor Kucate,

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Mr. Kurt Dogoske, via email with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

President Martin Harvier
Salt River Pima-Maricopa Indian Community
10005 E Osborn Road
Scottsdale, AZ 85256

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear President Harvier,

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Daniel Garcia
Senior Cultural Resource Management Specialist
SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: SRP-MIC Cultural Resource Preservation Program, with enclosures
Shane Anton,via email with enclosures
Angela Garcia-Lewis, via email with enclosures
Martha Martinez, via email with enclosures
Sunday Eiselt, via email with enclosures

Delivering water and power™

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Jefford Francisco & Mr. Peter Steere
Tohono O'odham Nation
Cultural Affairs Office
P. O. Box 837
Sells, AZ 85634

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Messrs. Steere and Francisco,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

Enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Calvin Johnson
Chairman
Tonto Apache Tribe
Tonto Apache Reservation #30
Payson, AZ 85541

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Chairman Johnson,

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Senior Cultural Resource Management Specialist
SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Jeri de Cola, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Kasey Valesquez
Chairman
White Mountain Apache Tribe
P. O. Box 700
Whiteriver, AZ 85941

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Chairman Valesquez,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Mark Altaha, with enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Mr. Chris Coder
Tribal Archaeologist
Yavapai-Apache Nation
2400 W. Datsi St.
Camp Verde, AZ 86322

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Mr. Coder,

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P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

Enclosures

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Helana Ruter
Historic Preservation Officer
City of Phoenix
Historic Preservation Office
200 West Washington Street, 3rd Floor
Phoenix, AZ 85003

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Ms. Ruter,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Laurene Montero
City Archaeologist
S'edav Va'aki Museum
City of Phoenix Arts and Culture Department
4619 E. Washington St.
Phoenix, AZ 85024

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Ms. Montero,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
Dan.Garcia@srpnet.com

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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Rebecca Hill, via email

Biological and Cultural Resources | PAB359
P.O. Box 52025
Phoenix, AZ 85072-2025

September 23, 2024

Kathryn Leonard
State Historic Preservation Officer
1110 W. Washington Street, Suite 100
Phoenix, AZ 85007

RE: Initial Consultation, Arizona Corporation Commission Certificate of Environmental Compatibility, Proposed SRP South Mountain Transmission Project (SMT)

Dear Ms. Leonard,

Salt River Project Agricultural Improvement and Power District (SRP) is proposing the construction of the South Mountain Transmission Project (SMT Project or Project). The Project consists of two new 230 kilovolt (kV) double circuit transmission lines and associated interconnection facilities designed to provide the necessary energy and reliability to serve expected load growth in Laveen Village in the City of Phoenix, Maricopa County, Arizona. In addition to the new transmission lines, the Project involves construction of a new substation on SRP-owned land located directly west of State Route 202 (Loop 202) and adjacent to the eastern boundary of the Gila River Indian Community in Laveen Village.

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SRP Biological and Cultural Resource Services PAB359
P.O. Box 52025, Phoenix, AZ 85072-2025
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Respectfully,



Daniel Garcia, M.A., RPA
SRP Archaeologist - Senior Cultural Resource Management Specialist

CC: Caroline Klebacha, via email

EXHIBIT F
RECREATIONAL PURPOSES AND ASPECTS

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

State the extent, if any, the proposed site or route will be available to the public for recreational purposes, consistent with safety considerations and regulations, and attach any plans the Applicant may have concerning the development of the recreational aspects of the proposed site or route.

Existing Conditions

Regional recreation information near the proposed South Mountain Transmission Project (SMT Project or Project) and for the region and surrounding areas was gathered from Maricopa County and the City of Phoenix, Arizona.

Regionally, Maricopa County has a diverse geography which offers a multitude of recreational opportunities. The terrain within the county ranges from the broad, sloping alluvial plain south of the Phoenix metropolitan area to rugged mountain formations within areas of the southern portion of the county, like the Sonoran Desert National Monument, and in the eastern portion of the county within the Tonto National Forest. Within the large area encompassed by Maricopa County, there also exists regional and local parks associated with various mountain ranges such as the Estrella Mountains, South Mountains, Phoenix Mountains, McDowell Mountains, Usery Mountains, and the Santan Mountains.

The recreational activities more specific to the Project area within the City of Phoenix range from more developed activities in mixed-use areas such as organized sports areas, designated open spaces in subdivisions, and community and neighborhood parks. The majority of recreational areas within close proximity of the Project are neighborhood parks, sports and recreational facilities, trails, and open space.

Specifically, the recreational areas within 1,000 feet of the Project, shown on **Figure F-1**, are described below.

A multi-use trail, designated by the City of Phoenix, runs along the Laveen Area Conveyance Channel (LACC), which the Project crosses and is adjacent to (City of Phoenix, 2024). The multi-use trail is utilized for recreational purposes such as walking and biking. The LACC corridor includes stone sculptures, seat walls, desert trees, shrubs, and flowering plants along the conveyance channel's recreational trail (City of Phoenix, 2008). Route N3 and Route N4 are proposed along the LACC.

Located approximately 150 feet south of Route N3 and Route N4 are sports fields associated with Betty H. Fairfax High School. The fields include baseball fields, tennis courts, and a football field.

Approximately 600 feet northwest of Route S1 and Route S2 are several parks in the Estrella Vista neighborhood. These parks are primarily comprised of grass fields and open space. There is an additional neighborhood park located approximately 850 feet northeast of the interconnection point east of Cheatham Substation in the Cottonfields Ranch neighborhood. This park consists of green space, a playground, and a basketball half-court. Located approximately 950 feet east of Route S4 is a neighborhood park in the Paseo Pointe Neighborhood. This park is comprised of a grass field and trees.

The Maricopa and Sun Circle trails are located between the southwest border of the New Substation and the edge of Gila River Indian Community (GRIC) land, which is approximately 200 feet southwest of Route S1 (Maricopa County, 2021).

In addition, an inactive golf course is located directly east of Route N1 and Route N2 near the interconnection points to the Anderson – Orme 230 kilovolt (kV) transmission line in the Cottonfields Ranch neighborhood. This course, Southern Ridge Golf Club, was abandoned in 2019 due to poor management and is currently in a state of disrepair (Laveen 140, 2024). The land is not currently a recreational resource. However, there are plans to redevelop the previous golf course land into a new golf course and single-family homes. According to The Score at Cottonfields plan, the planned golf course would not be located adjacent to the interconnection on the Anderson – Orme 230 kV transmission line (Laveen 140, 2024).

Potential Effects

The Project will not create a public recreation use; however, the Project will not preclude recreational uses in the area around the Project routes after construction.

Specifically, the only routes that directly impact recreational areas are Route N3 and Route N4 which run adjacent to the LACC and is designated as a recreation resource by the City of Phoenix. In addition, Route N1 and Route N2 cross the LACC. The multi-use trail along the LACC is a dedicated space for pedestrians and bicycles to travel on. If closures of parts of the trail were necessary during construction, Salt River Project Agricultural Improvement and Power District (SRP) will work with the City of Phoenix to ensure that the trail is minimally impacted during construction and will remain open for recreational purposes.

To maintain high quality of services and facilities, SRP will work with the City of Phoenix and Maricopa County during the construction phase to ensure compliance with the City of Phoenix's and Maricopa County's General Plans and the residential open space and neighborhood parks.

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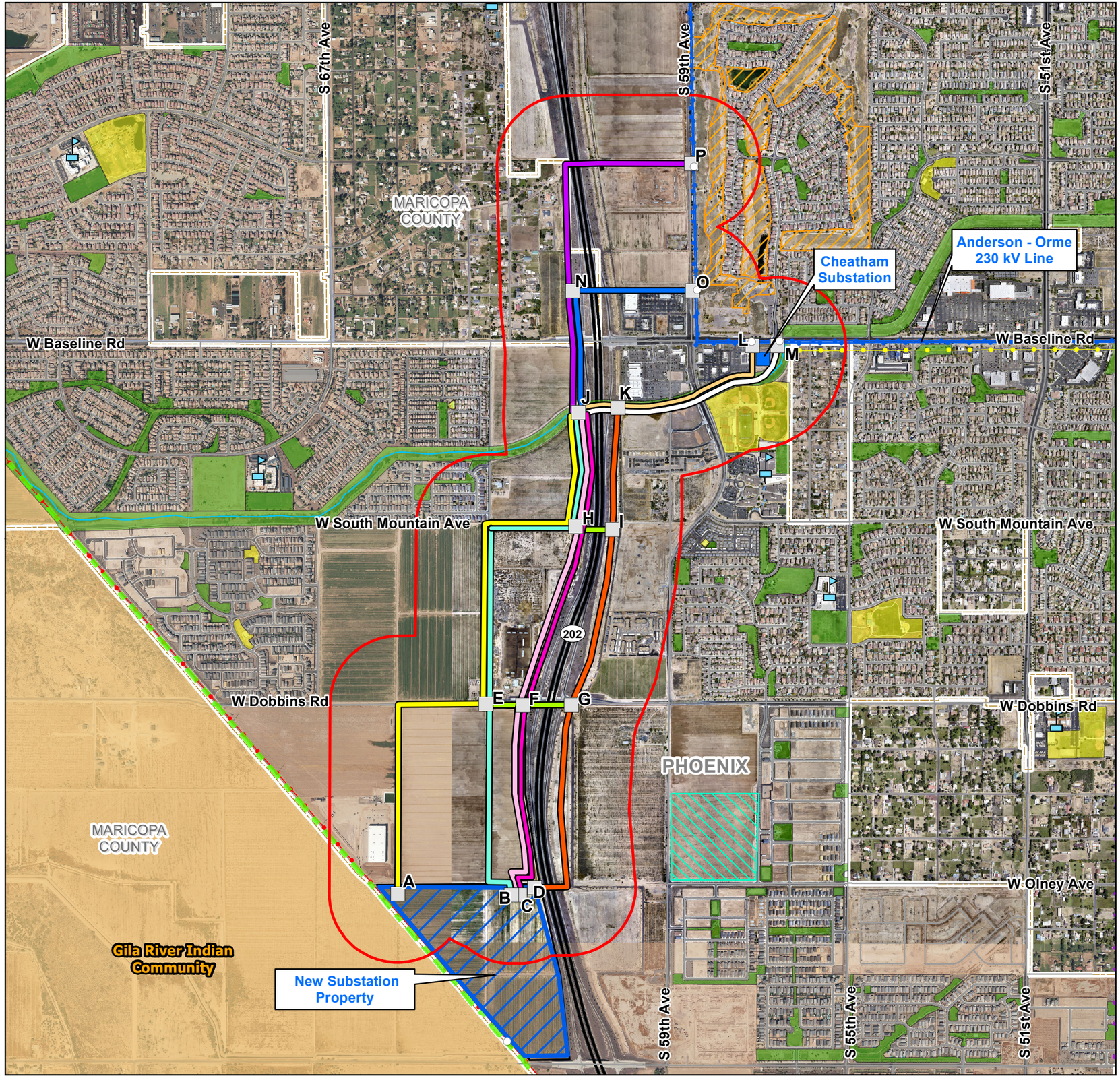
Maricopa County. 2021. Maricopa & Sun Circle Trails. Accessed 7/11/2024. Located at: regional-trail-www-bw-without-MT-across-851.pdf (maricopacountyparks.net).



Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- 1000-Foot Buffer of Project Site

Requires two new 230kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing Substation
- Anderson - Orme 230kV Transmission Line
- Existing 69 kV Transmission Line - SRP
- Road
- Municipal Boundary
- Jojoba - Kyrene 500 kV Transmission Line
- Existing 230 kV Transmission Line - Other
- State Highway
- Conveyance Channel
- School

Recreation

- Trail
- Future Park
- Recreational Facility
- Future Golf Course
- Park / Open Space

Jurisdiction

- Gila River Indian Community Land

0 0.25 0.5 Miles

SRP

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

Figure F-1 Recreation

Map Extent: Maricopa County, AZ

Date: 09.12.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., MAG, SRP, USGS. F:\...SRP\SMT F-1 Recreation.mxd

EXHIBIT G
CONCEPTS OF TYPICAL FACILITIES

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Attach any artist's or architect's conception of the proposed plant or transmission line structures and switchyards which applicant believes may be informative to the committee.

The following drawings are included:

Figure G-1: Double-Circuit 230 kilovolt (kV) Single-Pole, Braced-Post

Figure G-2: Double-Circuit 230 kV Single-Pole, Davit-Suspension-Angle

Figure G-3: Double-Circuit 230 kV Single-Pole, Davit-Suspension-Tangent

Figure G-4: Double-Circuit 230 kV Single-Pole, DE-Davit-Angle

Figure G-5: Double-Circuit 230 kV Single-Pole, DE-Davit-Angle-Vertical-V1

Figure G-6: Double-Circuit 230 kV Single-Pole, DE-Davit-Angle-Vertical-V2

Figure G-7: Double-Circuit 230 kV Single-Pole, DE-Davit-Inline

Figure G-8: Double-Circuit 230 kV Single-Pole, DE-Vertical

Figure G-9: Double-Circuit 230 kV Double-Pole, DE-Vertical

Figure G-10: Double-Circuit 230 kV Single-Pole, Post

Figure G-11: Double-Circuit 230 kV Single-Pole, Vertical-Braced-Post-V1

Figure G-12: Double-Circuit 230 kV Single-Pole, Vertical-Braced-Post-V2

Figure G-13: Single-Circuit 230 kV Single-Pole, DE-Delta-Davit

Figure G-14: Single-Circuit 230 kV Single-Pole, Delta-Braced-Post

Figure G-15: Single-Circuit 230 kV Single-Pole, Delta-Davit-Suspension

Figure G-16: Single-Circuit 230 kV Single-Pole, Delta-Post

Figure G-17: Single-Circuit 230 kV Single-Pole, DE-Vertical

Figure G-18: Single-Circuit 230 kV Single-Pole, DE-Vertical-Davit

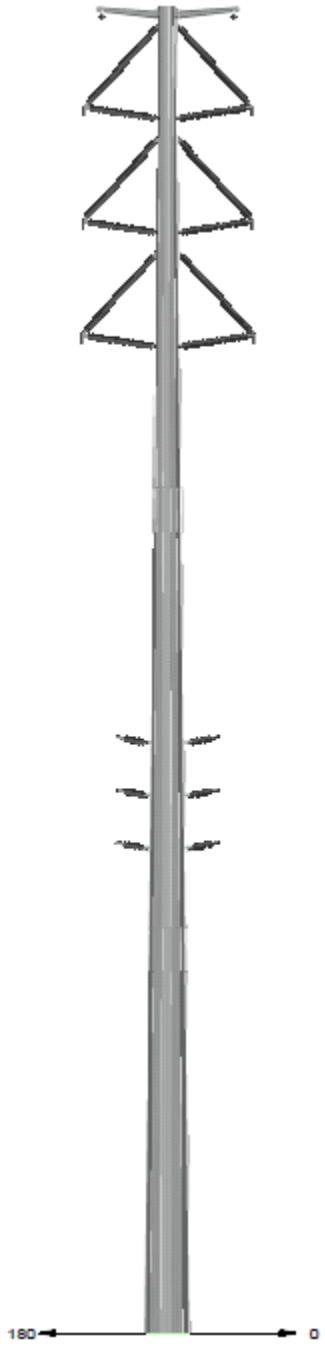
Figure G-19: Single-Circuit 230 kV Single-Pole, Vertical-Braced-Post

Figure G-20: Single-Circuit 230 kV Single-Pole, Vertical-Davit-Suspension

Figure G-21: Single-Circuit 230 kV Single-Pole, Vertical-Post

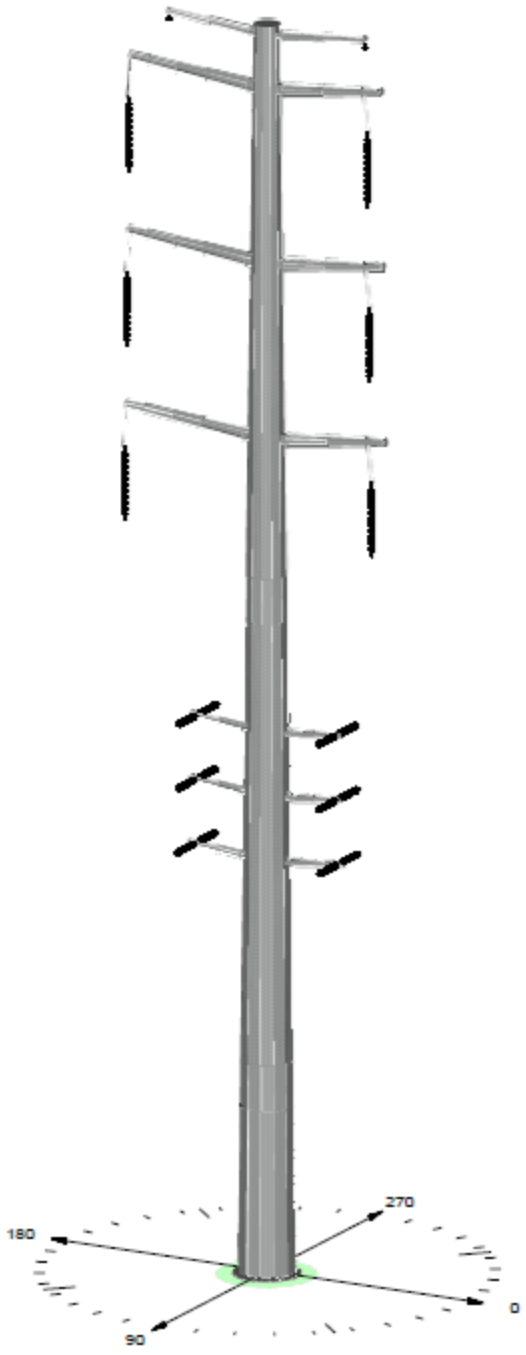
Figure G-22: Single-Circuit Riser Pole, Two Cables Per Phase

Figure G-23: Single-Circuit Riser Pole, One Cable Per Phase



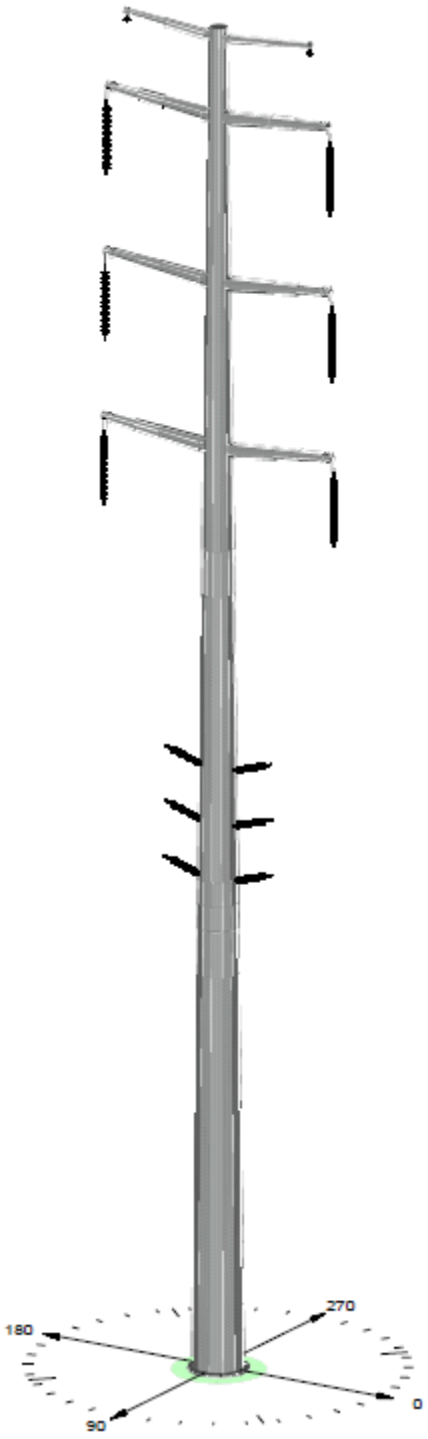
Double-Circuit 230 kV Single-Pole, Braced-Post

FIGURE G-1



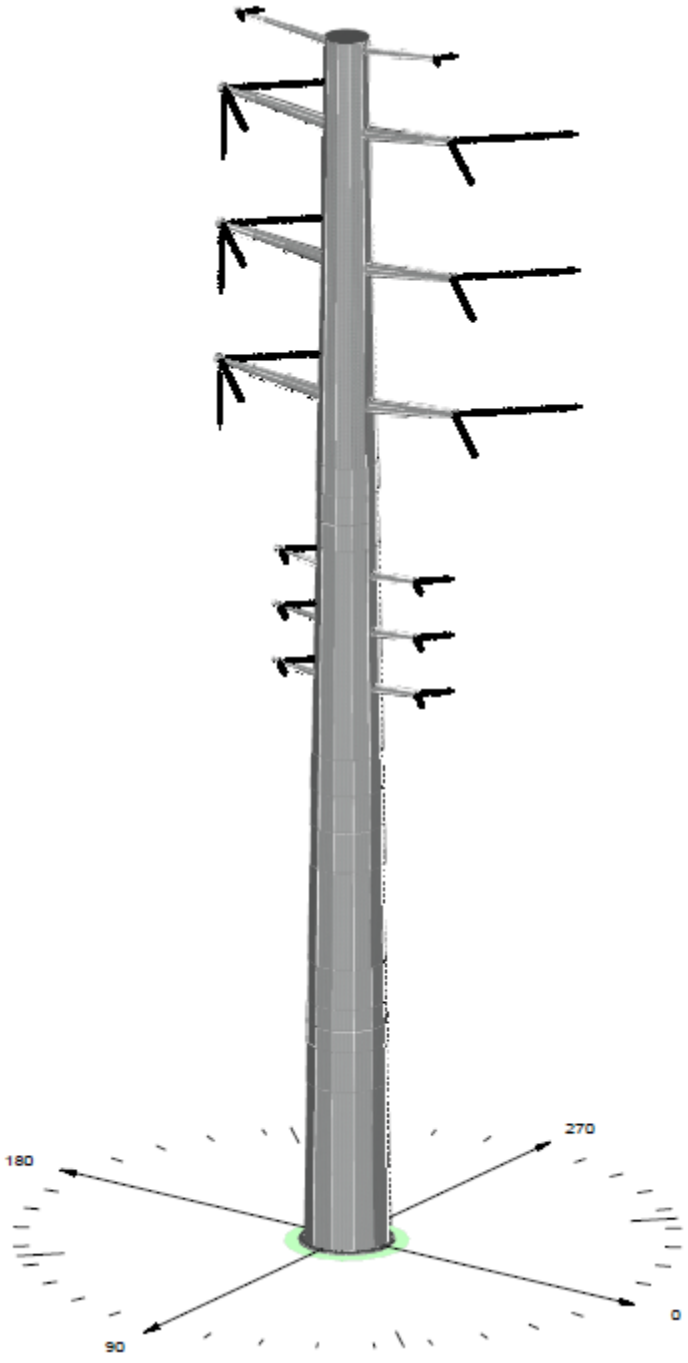
Double-Circuit 230 kV Single-Pole, Davit-Suspension-Angle

FIGURE G-2



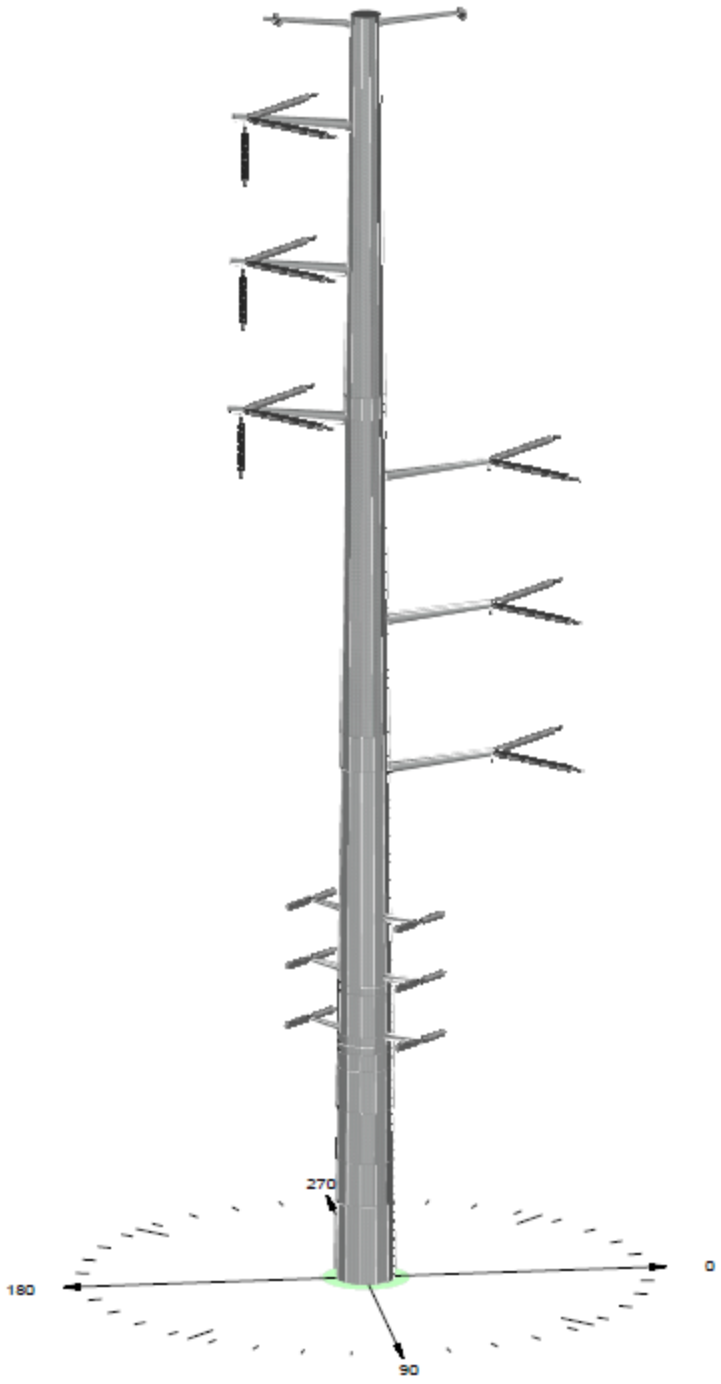
Double-Circuit 230 kV Single-Pole, Davit-Suspension-Tangent

FIGURE G-3



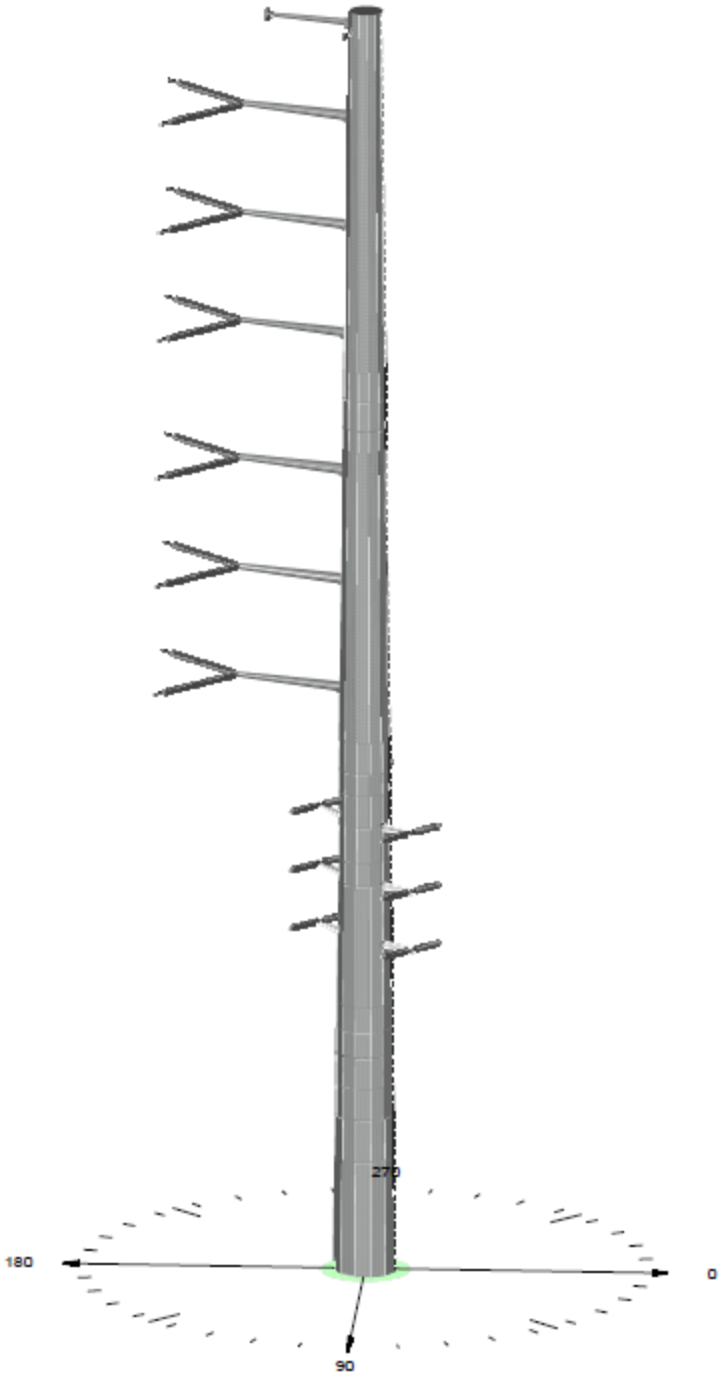
Double-Circuit 230 kV Single-Pole, DE-Davit-Angle

FIGURE G-4



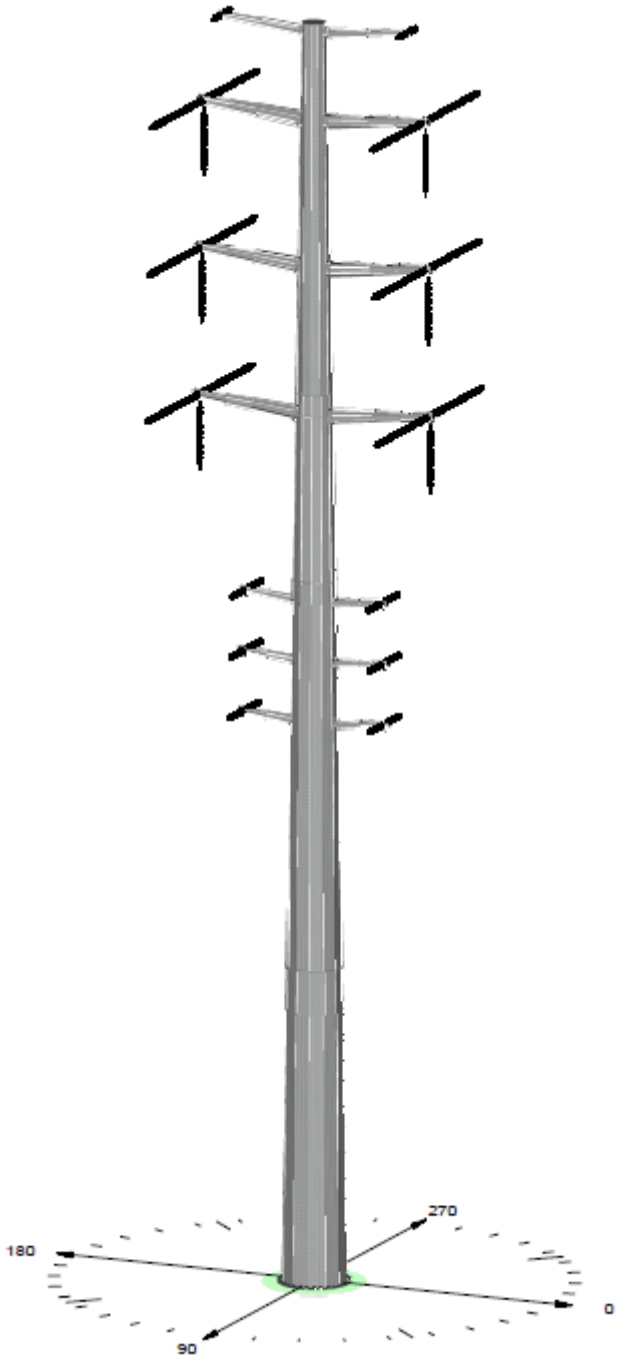
Double-Circuit 230 kV Single-Pole, DE-Davit-Angle-Vertical-V1

FIGURE G-5



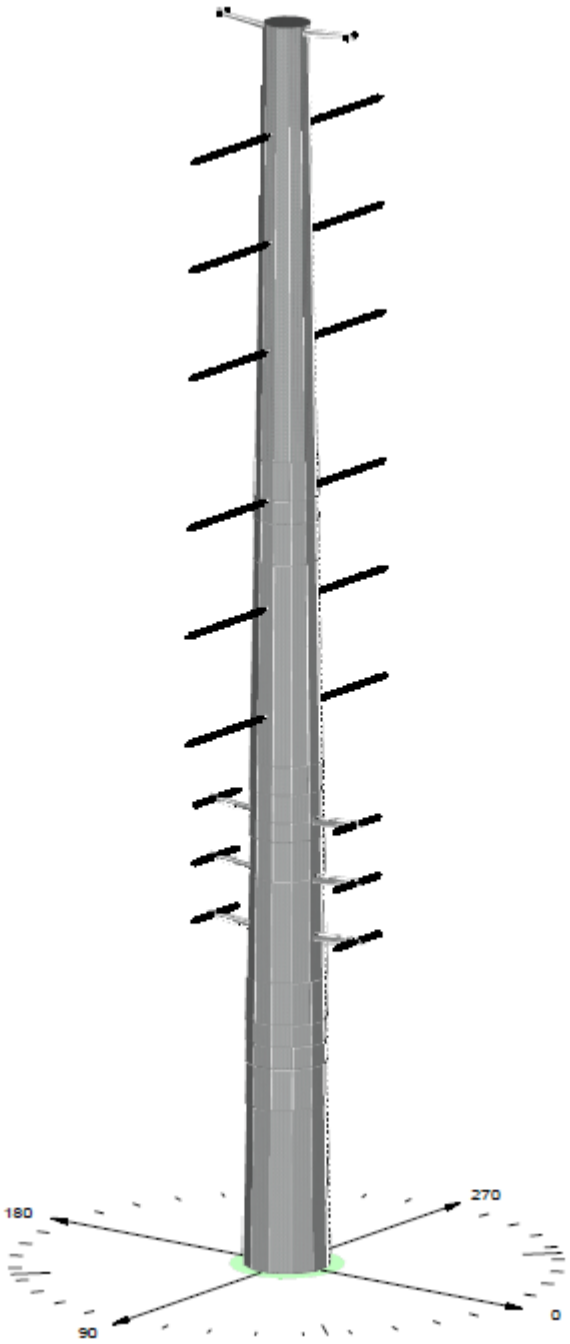
Double-Circuit 230 kV Single-Pole, DE-Davit-Angle-Vertical-V2

FIGURE G-6



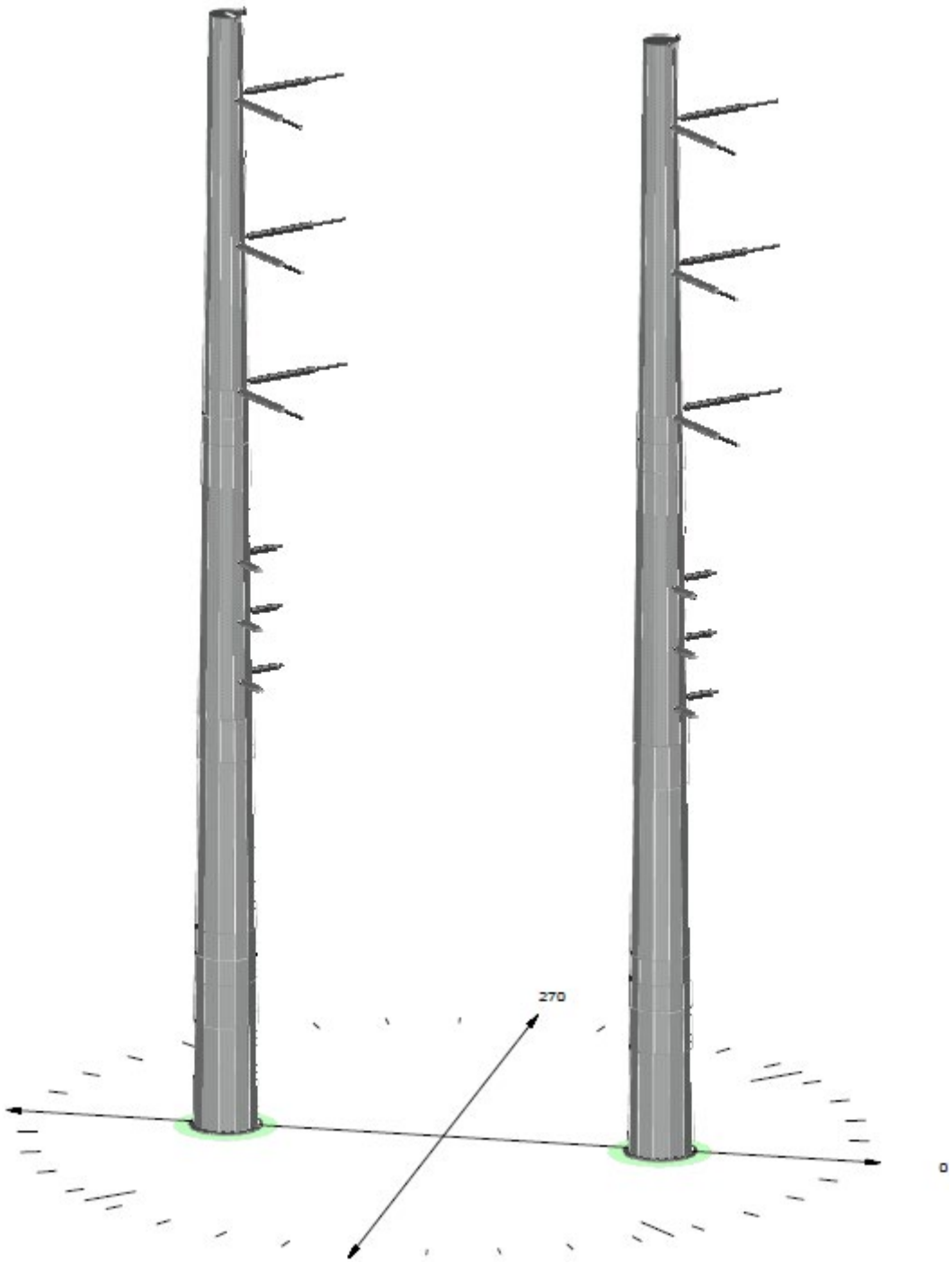
Double-Circuit 230 kV Single-Pole, DE-Davit-Inline

FIGURE G-7



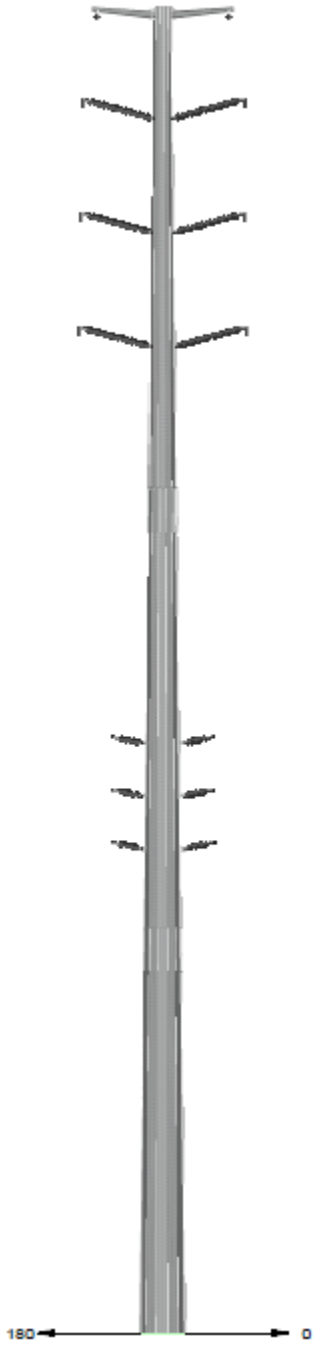
Double-Circuit 230 kV Single-Pole, DE-Vertical

FIGURE G-8



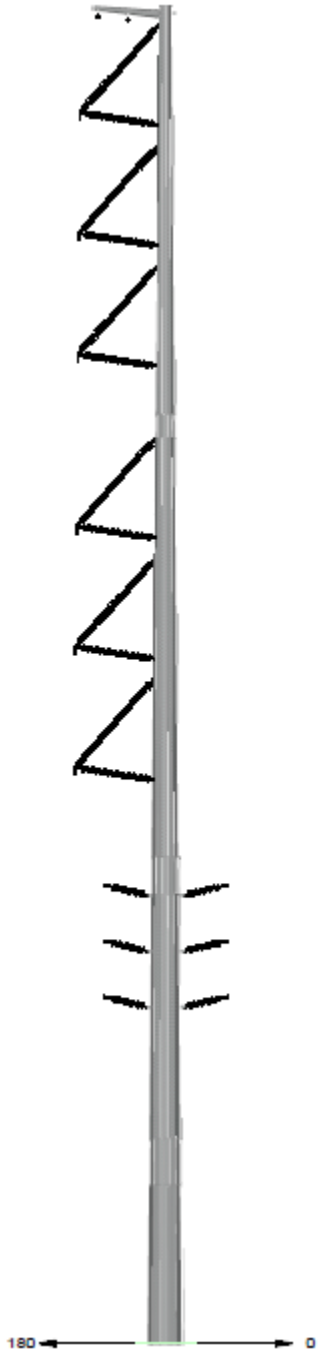
Double-Circuit 230 kV Double-Pole, DE-Vertical

FIGURE G-9



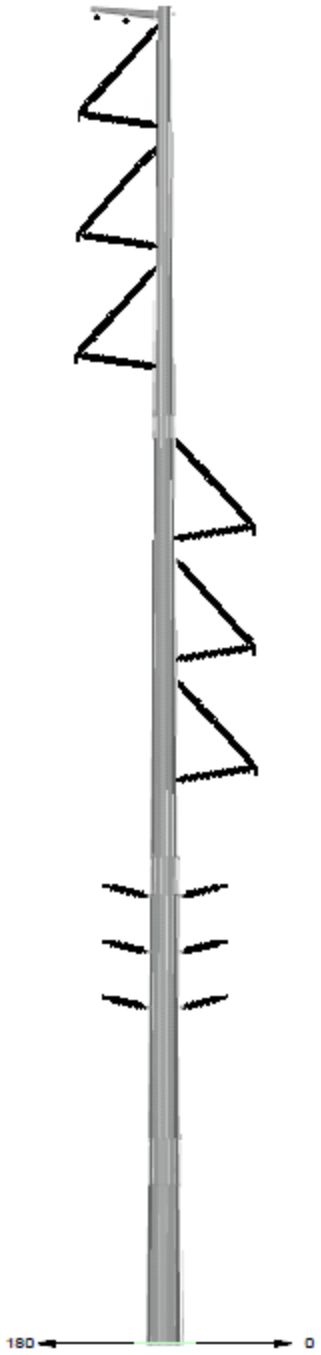
Double-Circuit 230 kV Single-Pole, Post

FIGURE G-10



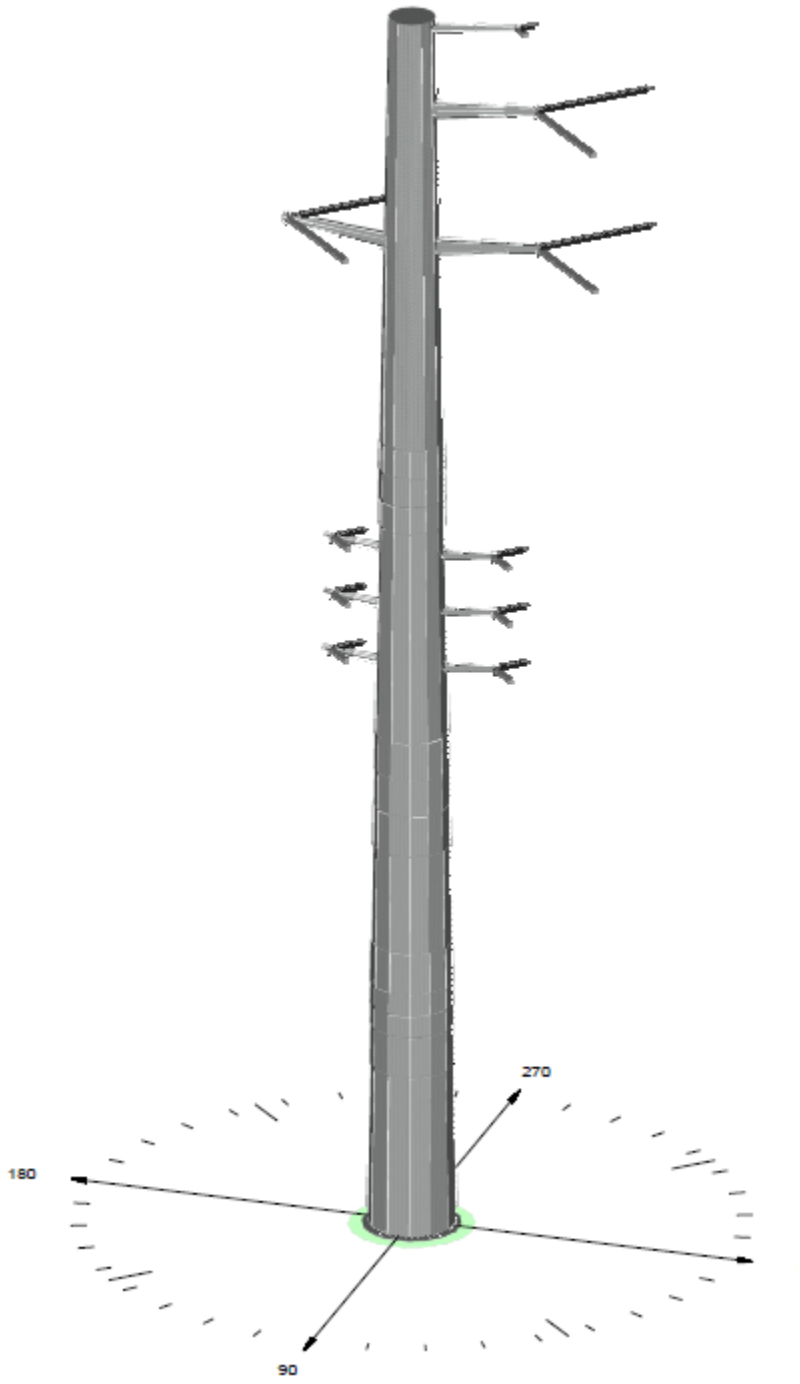
Double-Circuit 230 kV Single-Pole, Vertical-Braced-Post-V1

FIGURE G-11



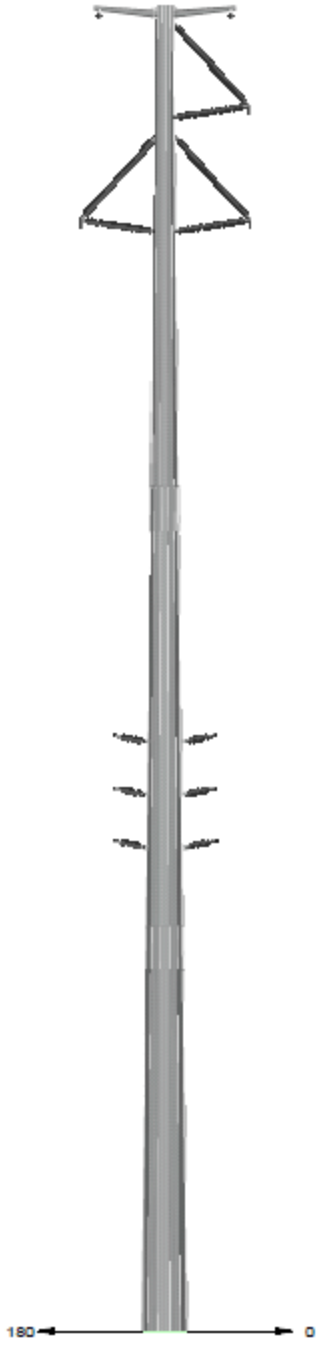
Double-Circuit 230 kV Single-Pole, Vertical-Braced-Post-V2

FIGURE G-12

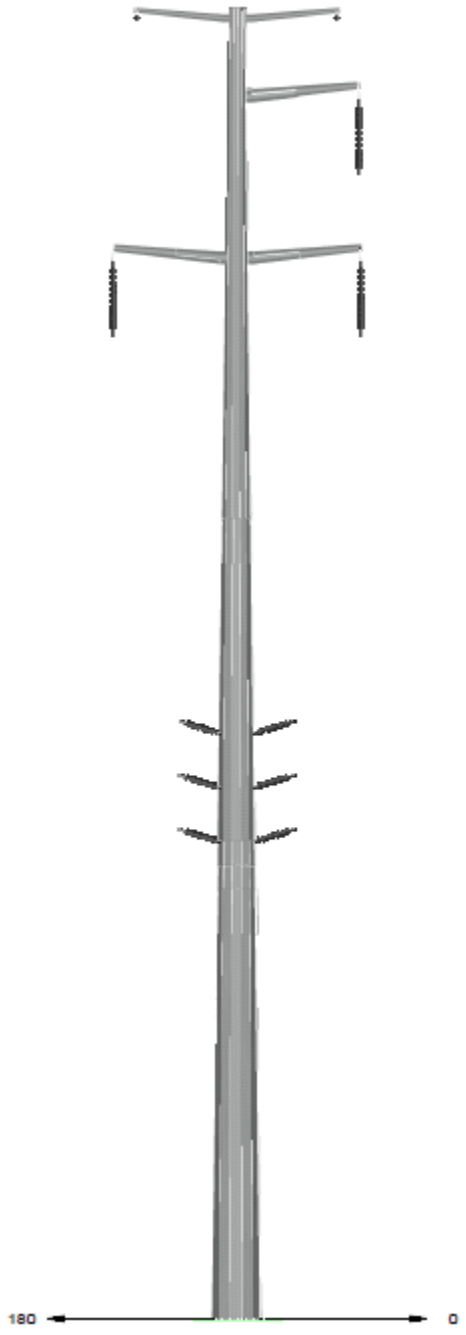


Single-Circuit 230 kV Single-Pole, DE-Delta-Davit

FIGURE G-13

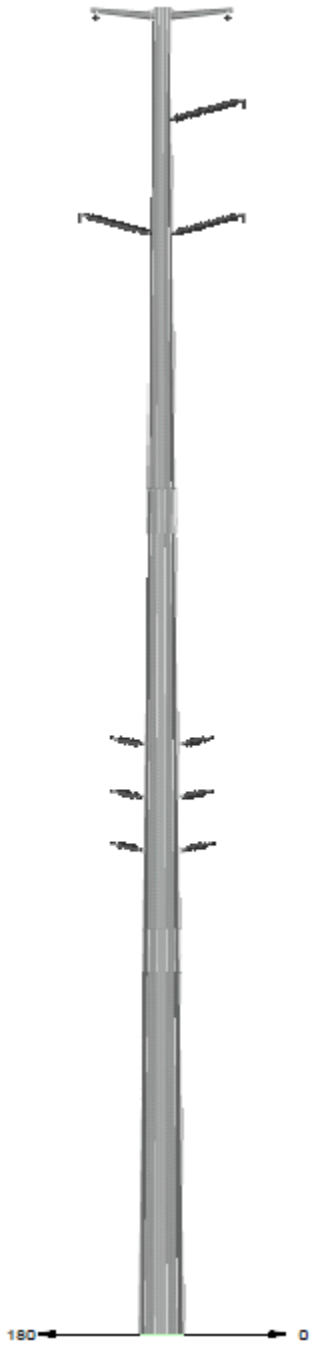


Single-Circuit 230 kV Single-Pole, Delta-Braced-Post

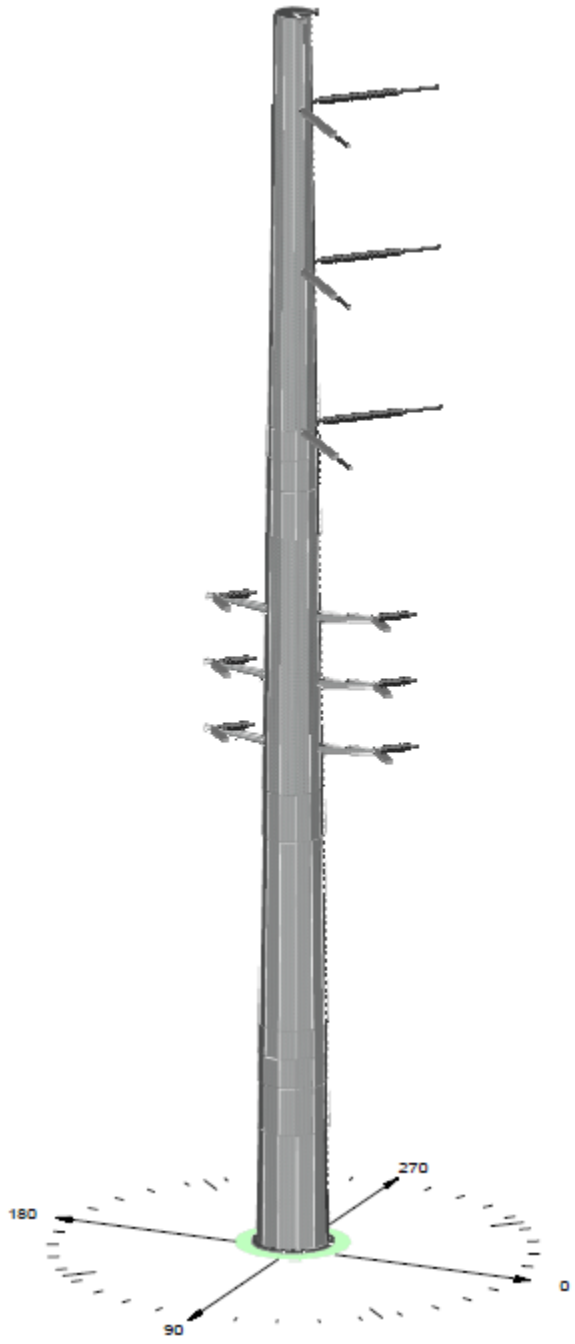


Single-Circuit 230 kV Single-Pole, Delta-Davit-Suspension

FIGURE G-15

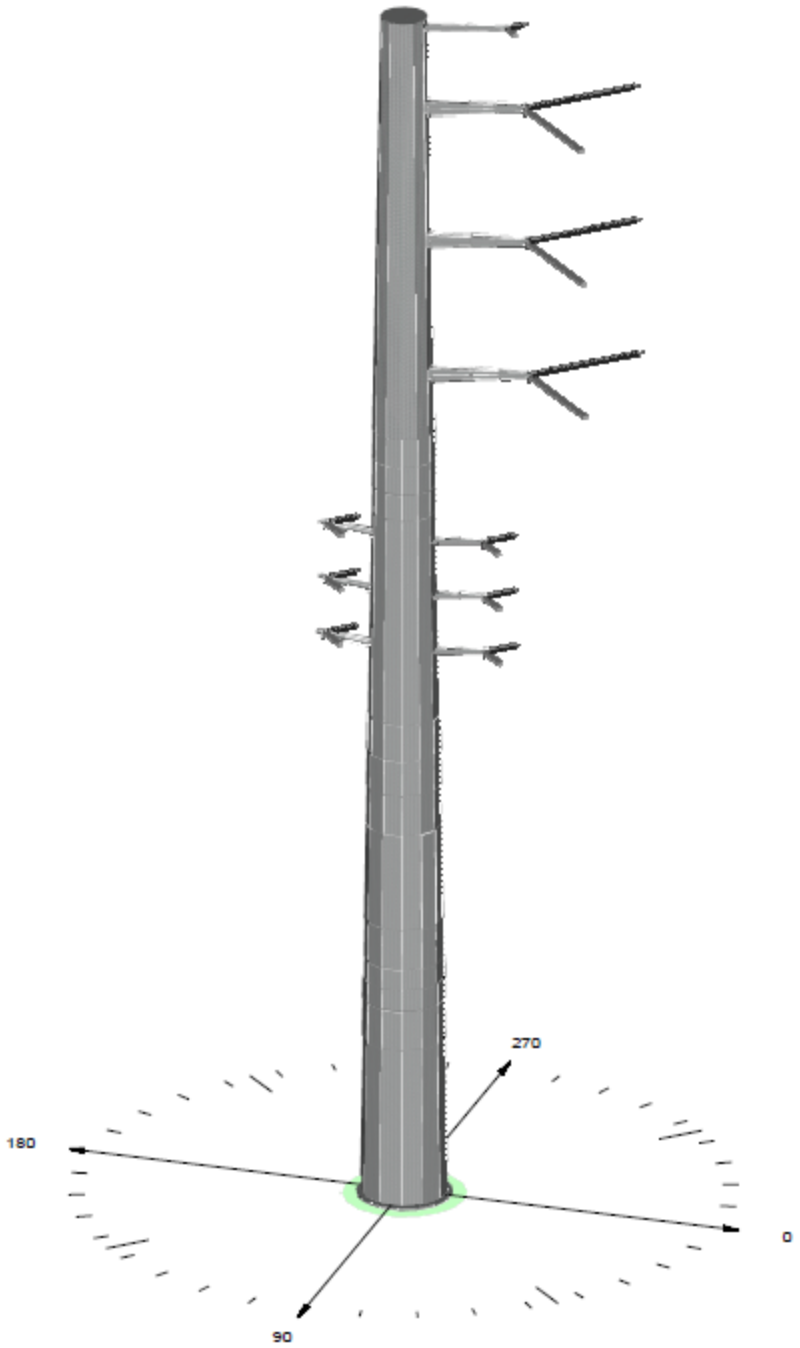


Single-Circuit 230 kV Single-Pole, Delta-Post



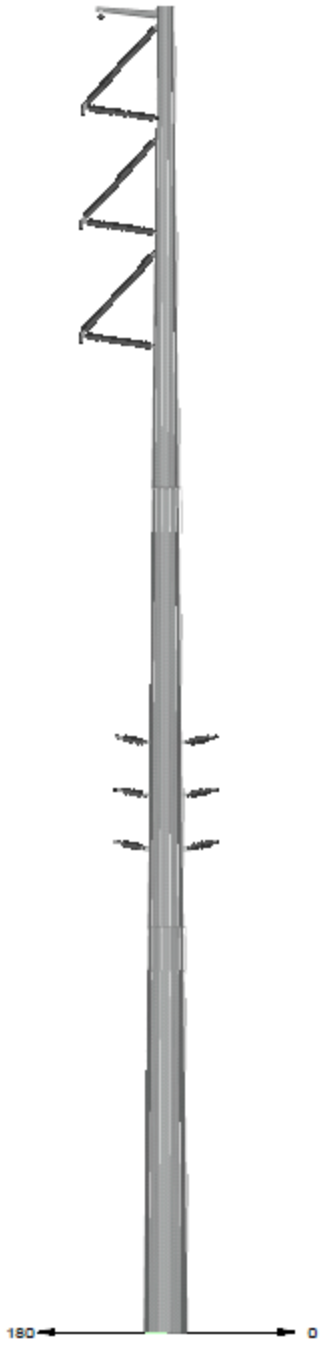
Single-Circuit 230 kV Single-Pole, DE-Vertical

FIGURE G-17

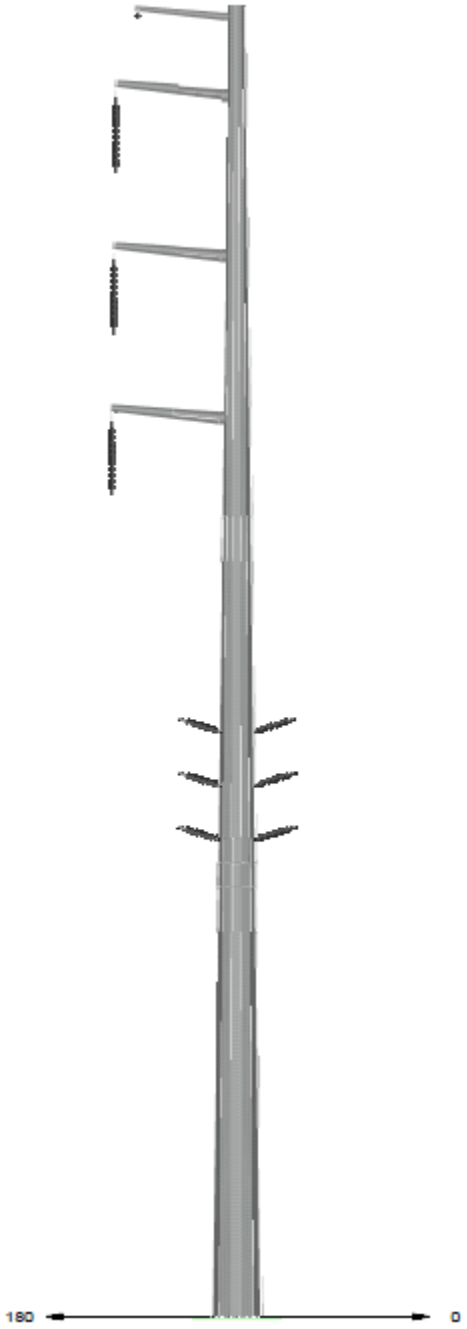


Single-Circuit 230 kV Single-Pole, DE-Vertical-Davit

FIGURE G-18

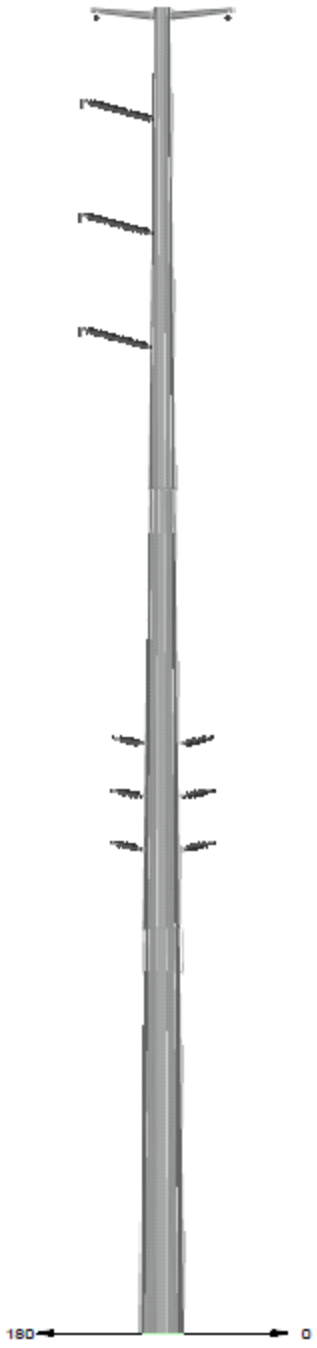


Single-Circuit 230 kV Single-Pole, Vertical-Braced-Post



Single-Circuit 230 kV Single-Pole, Vertical-Davit-Suspension

FIGURE G-20

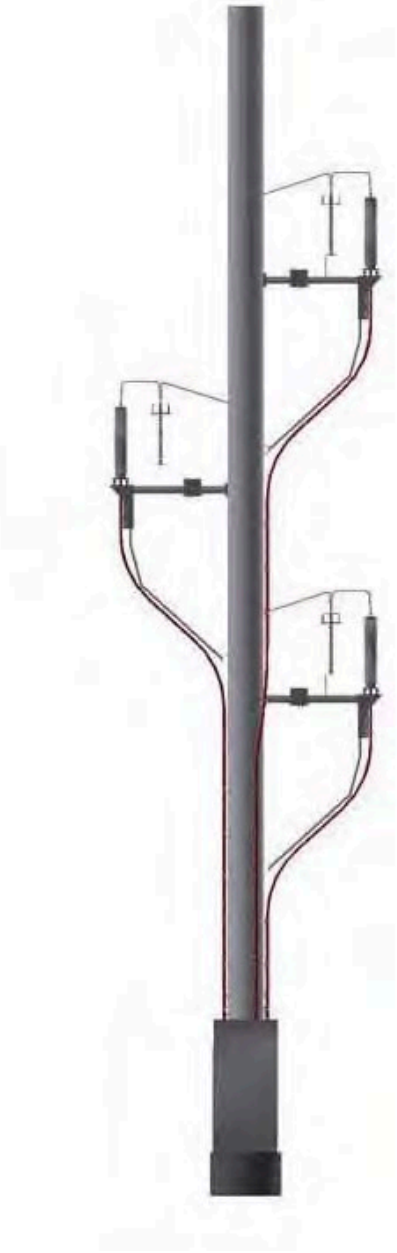


Single-Circuit 230 kV Single-Pole, Vertical-Post

FIGURE G-21



Single Circuit Riser Pole, Two Cables Per Phase



Single Circuit 230 kV Riser Pole, One Cable Per Phase

EXHIBIT H
EXISTING PLANS

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

To the extent applicant is able to determine, state the existing plans of the state, local government, and private entities for other developments at or in the vicinity of the proposed site or route.

Planned Area Developments

Information regarding each existing Planned Area Development (PAD) near the Salt River Project Agricultural Improvement and Power District (SRP) proposed South Mountain Transmission Project (SMT Project or Project) was gathered during meetings with and input from the City of Phoenix, Maricopa County, and meetings with developers and stakeholders. PADs and future expansion plans in the area surrounding the proposed Project components are administered by the City of Phoenix and Maricopa County. Included in this exhibit are PADs that are generally defined as proposed developments that have filed an application for a permit or have been permitted but not built or occupied completely. Some planned developments of which SRP is aware also are included.

The PlanPHX 2025 General Plan (City of Phoenix General Plan) identifies cores, centers, and corridors in each village as a step towards incorporating the concept of connectivity. The City of Phoenix General Plan designates the area in Laveen Village centered on South Mountain Loop 202 Freeway (Loop 202) bound by 59th Avenue to the east, 63rd Avenue to the west, Piedmont Road to the south, and Dirt Drive to the north as a Primary Core. More specifically, the City of Phoenix has identified areas west of Loop 202 as desirable locations in Laveen Village for major development including the development of an industrial and tech park to accommodate warehouse and office uses to attract high-wage jobs in technology, bioscience, light manufacturing, finance and other office and industrial uses.

In addition, the Project is located in the City of Phoenix South Mountain Tech Corridor. The City of Phoenix General Plan has also identified tech corridors as a step towards incorporating the concept of connectivity in the city. Planning within and adjacent to the identified corridors will help ensure that existing employment centers and corridors can continue to thrive. “Ensuring the sustained growth of the city’s existing employment centers and corridors will require a renewed commitment to collaborate with employers and the community on the land use, zoning and infrastructure decisions needed to support continued investment” (City of Phoenix, 2024d). The City of Phoenix General Plan has implemented several land use policies that support the continued growth of the City’s existing and emerging tech corridors.

Anticipated growth along the South Mountain Tech Corridor, will result in a greater demand for power than SRP originally forecasted. Potential customers in this area will need a high level of reliability and immediate availability of the power delivery system to meet development schedules. SRP supports long-term economic development in the communities it serves by providing reliable power to its customers.

SRP needs to site additional transmission facilities to support the expected rapid growth in Laveen Village.

There are currently 30 permitted or proposed PADs within the area of the Project components depicted on **Figure H-1**. The PADs have been categorized on **Figure H-1** as follows:

- **Completed / On-going Construction**: Part of the development has been completed and is open, and there is still active construction going on to finish the development and complete occupancy.
- **Under Construction**: The development is in active construction but not open or occupied.
- **Permits Issued**: Permits have been issued by the City or County.
- **City Rezone**: A rezone application has been filed or approved.
- **Planned**: No applications have been filed with the City or County, but there are public site plans provided by a developer or the City or County.

Each PAD and plan are further described in **Table H-1.** The information included in **Figure H-1** and **Table H-1** was obtained from the City of Phoenix Planning and Development Services Department, the Maricopa County Planning and Development Department, and discussions with developers. All information was confirmed with the City of Phoenix Planning staff for confirmation.

Table H-1 includes a PAD Identification (ID) number which is included on **Figure H-1,** the PAD name, a general description of the PAD or plans, the status, the case number, and the jurisdiction. Case numbers are not available for some early-stage PADs or plans.

Table H-1
Planned Area Developments

PAD ID	PAD Name	Description	Status	Case Number	Jurisdiction
1	Dobbins Industrial and Tech Park Phase 1	Industrial and technology business park that allows warehouse and office uses to attract high-wage jobs.	Under Construction	Z-1-21-7	City of Phoenix
2	Envision Dobbins 202 West	Industrial/commerce park that provides quality employment opportunities in Laveen Village.	City Rezone	Z-73-22-7	City of Phoenix
3	Dobbins Industrial and Tech Park Phase 2	Industrial and technology business park that allows warehouse and office uses to attract high-wage jobs	Multiple Permits Issued	Z-1-21-7	City of Phoenix
4	The Crossing at Dobbins	Mix of uses including commercial, employment,	Multiple Permits Issued	Z-35-21-7, GPA-LV-3-21-7	City of Phoenix

Table H-1
Planned Area Developments

PAD ID	PAD Name	Description	Status	Case Number	Jurisdiction
		hospitality, and multi-family residential.			
5	Laveen Baseline LLC	Multi-family residential development on the northern half of the site and a public school on the southern half.	City Rezone	Z-42-23-7	City of Phoenix
6	Laveen Baseline LLC + Banner Health	Medical facility.	City Rezone	Z-47-19-7	City of Phoenix
7	Ash Pointe	Multi-family residential development.	County Permit Issued	B202400728	Maricopa County
8	Laveen Spectrum Multifamily	Residential housing development.	Under Construction	Z-12-20-8	City of Phoenix
9	Laveen Spectrum Sub-area 2	Mix of commercial and residential uses.	Multiple Permits Issued	Z-12-20-8	City of Phoenix
10	Laveen Spectrum	Mix of commercial and retail uses.	Completed/On-Going Construction	Z-12-20-8	City of Phoenix
11	Laveen Park Place Phase II Retail	Movie theater and multi-family housing development.	Multiple Permits Issued	PHO-4-21 - Z-47-19-7	City of Phoenix
12	Laveen Park Place - Ascend at South Mountain	Single-family rental community.	Under Construction	PHO-2-21 - Z-47-19-7	City of Phoenix
13	Laveen Park Place - Hawkins Apartments	Multi-family apartments.	Under Construction	PHO-3-21 - Z-47-19	City of Phoenix
14	Village at Carver Mountain	Single-family rental community.	Under Construction	Z-79-01, Z-42-21	City of Phoenix
15	Weylyn Apartments	Multi-family apartments.	Completed/On-Going Construction	Z-41-21-7	City of Phoenix
16	NEC 59th & Dobbins	Mix of commercial uses.	City Rezone	PHO-1-20-Z-62-02-7	City of Phoenix
17	Laveen Towne Center	Large-scale retail uses.	Planned		City of Phoenix
18	The Matrix at Dobbins	Mix of commercial and residential uses.	City Rezone	Z-45-22-8	City of Phoenix
19	Laveen Leadership Academy & City Park	Public school development on the northern half of the site. City-owned parcel in parks department.	Planned		City of Phoenix
20	Liv South Mountain	Mix of multi-family units and commercial uses.	Multiple Permits Issued	Z-23-23-7	City of Phoenix
21	Isola at 202 and Elliot	Mult-family residential development.	Under Construction	PHO-1-24 – Z-22-21-8	City of Phoenix
22	Elliot 202 West - Mixed Use	Mix of light industrial, office, and employment uses.	Multiple Permits Issued	Z-72-22-8	City of Phoenix

Table H-1 Planned Area Developments					
PAD ID	**PAD Name**	**Description**	**Status**	**Case Number**	**Jurisdiction**
23	Elliot 202 West - Casitas	Single story housing units.	Multiple Permits Issued	Z-72-22-8	City of Phoenix
24	Elliot 202 West - Apartments	Mix of residential uses.	Multiple Permits Issued	Z-72-22-8	City of Phoenix
25	55th and Baseline - Retail	Commercial and retail uses, including restaurants and shops.	Completed/On-Going Construction	Z-20-22-006 / Z -20-23-007	Maricopa County
26	Maricopa Community College District		Planned		City of Phoenix
27	NEC 59th Ave & Baseline Rd	Commercial and retail uses.	Planned		City of Phoenix
28	Laveen Park Place Phase I	Retail and commercial shopping center.	Completed/On-Going Construction	Z-126-00	City of Phoenix
29	NWC 59th Ave & Dobbins	Commercial and retail uses.	Planned		City of Phoenix
30	The Score at Cottonfields	Golf course and residential homes.	Planned	Z-25-24	City of Phoenix
Source: City of Phoenix, 2024 a-c, e; Maricopa County, 2024.					

PADs or plans potentially crossed by or adjacent to each route in order from south to north are included in **Table H-2** below:

Table H-2

Routes	**PADs/Plans**
South Routing Area	
Route S1	**1** - Dobbins Industrial and Tech Park Phase 1, **2** - Envision Dobbins 202 West, **3** - Dobbins Industrial and Tech Park Phase 2, **4** - The Crossing at Dobbins, **5** - Laveen Baseline LLC
Route S2	**2** - Envision Dobbins 202 West, **3** - Dobbins Industrial and Tech Park Phase 2, **4** - The Crossing at Dobbins, **5** - Laveen Baseline LLC
Route S3	**4** - The Crossing at Dobbins, **5** - Laveen Baseline LLC
Route S4	**17 –** Laveen Towne Center, **29** – NWC 59th Ave & Dobbins, **15** – Weylyn Apartments, **14** – Village at Carver Mountain, **13** – Laveen Park Place - Hawkins Apartments, **12** – Laveen Park Place - Ascend at South Mountain, **11** – Laveen Park Place Phase II Retail
Route S5	**4** - The Crossing at Dobbins, **5** - Laveen Baseline LLC
Link Options	E to F: **2** - Envision Dobbins 202 West, **4** - The Crossing at Dobbins F to G: **4** - The Crossing at Dobbins, **17** - Laveen Towne Center H to I: **4** - The Crossing at Dobbins, **14** – Village at Carver Mountain
North Routing Area	
Route N1	**6** - Laveen Baseline LLC + Banner Health, **7** - Ash Pointe, **8** - Laveen Spectrum Multifamily, **26** - Maricopa Community College District
Route N2	**6** - Laveen Baseline LLC + Banner Health, **9** - Laveen Spectrum Sub-area 2, **10** - Laveen Spectrum
Route N3	**11** - Laveen Park Place Phase II Retail, **28** - Laveen Park Place Phase I
Route N4	**11** - Laveen Park Place Phase II Retail, **28** - Laveen Park Place Phase I

Planned Road Improvements

Road improvements planned by the Arizona Department of Transportation (ADOT), Maricopa County Department of Transportation (MCDOT), and City of Phoenix within the vicinity of the Project are described below.

The Phoenix Street Transportation Department (PSTD) is in the planning and pre-design phase of a project that would improve the transportation network along West Dobbins Road. The improvements would extend east approximately four miles from Loop 202 to 27th Avenue, starting approximately 1,000 feet east of the Project. The goals of the project are to reduce traffic congestion, improve safety for pedestrians and bicyclists, and increase access to public transit. Improvements also would address drainage issues and mitigate flooding conditions. The design phase is anticipated to begin in August 2024, with the construction phase anticipated to begin in July 2027 (City of Phoenix, 2024a).

Through discussions with developers and the City of Phoenix, SRP is aware that there are upgrades planned for 63rd Avenue in the vicinity of the Project. The City of Phoenix will require private developers on the parcels adjacent to 63rd Avenue to develop and expand the existing 63rd Avenue south of Baseline Road.

Potential Effects

The Project is located in the South Mountain Tech Corridor and the Laveen Village Primary Core where there is significant planned growth. The PADs in the area will create a mix of land uses, which aligns with the City of Phoenix's General Plan designation of a tech corridor. The proposed 230 kilovolt (kV) transmission lines are necessary to support Laveen Village's growth.

While the new transmission lines would require a new right-of-way (ROW) on PADs, they have been routed to minimize impacts to PADs and planned developments by routing along linear features. SRP would work with developers and property owners to minimize impacts by routing on the edge of property and along such the existing linear features as roads, Loop 202, property boundaries and the Laveen Area Conveyance Channel (LACC). Where possible, adjusting the ROW width, specific pole placement and structure configuration would all be considered to minimize impacts.

Route S4 crosses Dobbins Road on the east side of Loop 202. The Project will be in the vicinity of the improvements on Dobbins Road that are planned by the PSTD. SRP will coordinate with the City of Phoenix and PSTD through the engineering and design phase to avoid impacts to this road's improvements. The Project would not cause damage to or hinder the road improvements.

References

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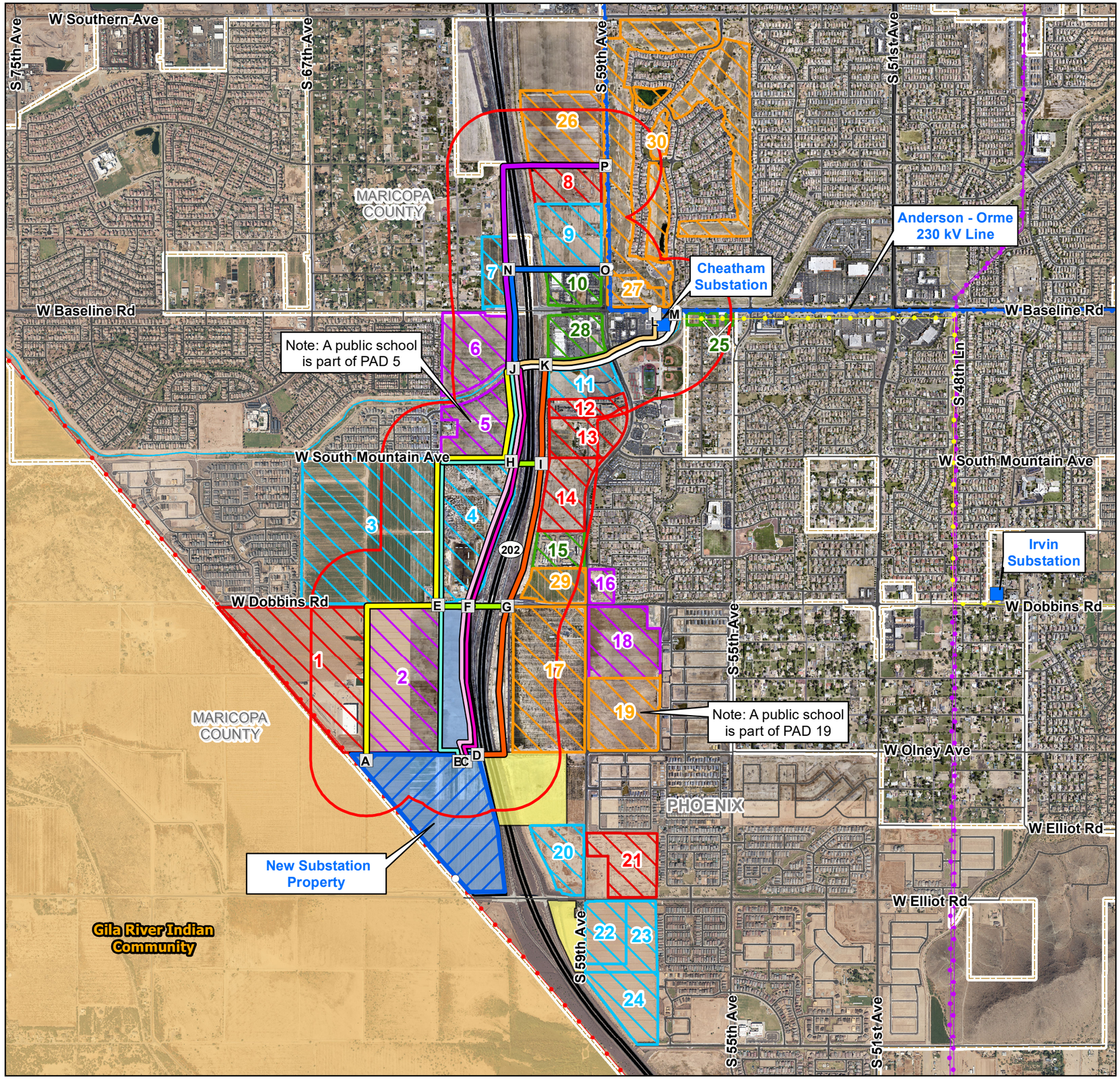

Legend

Project Components

- Interconnection Point
- Node (Origin or Terminus)
- New Substation Property
- 1000-Foot Buffer of Project Site

Requires two new 230kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S5
- Link Option

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Other Components

- Existing Substation
- Jojoba - Kyrene 500 kV Transmission Line
- Anderson - Orme 230kV Transmission Line
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Municipal Boundary
- SRP-Owned Property
- ADOT-Owned Property

Planned Area Developments

- Completed / On-going Construction
- Under Construction
- Permits Issued
- City Rezone
- Planned

Jurisdiction

- Gila River Indian Community Land

PAD ID	PAD Name
1	Dobbins Industrial and Tech Park Phase 1
2	Envision Dobbins 202 West
3	Dobbins Industrial and Tech Park Phase 2
4	The Crossing at Dobbins
5	Laveen Baseline LLC
6	Laveen Baseline LLC + Banner Health
7	Ash Pointe
8	Laveen Spectrum Multifamily
9	Laveen Spectrum Sub-area 2
10	Laveen Spectrum
11	Laveen Park Place Phase II Retail
12	Laveen Park Place - Ascend at South Mountain
13	Laveen Park Place - Hawkins Apartments
14	Village at Carver Mountain
15	Weylyn Apartments
16	NEC 59th & Dobbins
17	Laveen Towne Center
18	The Matrix at Dobbins
19	City Park
20	Liv South Mountain
21	Isola at 202 and Elliot
22	Elliot 202 West - Mixed Use
23	Elliot 202 West - Casitas
24	Elliot 202 West - Apartments
25	55th and Baseline - Retail
26	Maricopa Community College District
27	NEC 59th Ave & Baseline Rd
28	Laveen Park Place Phase I
29	NWC 59th Ave & Dobbins
30	The Score at Cottonfields

0 0.25 0.5 Miles

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

Figure H-1 Planned Area Developments

Map Extent: Maricopa County, AZ

Date: 09.11.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, City of Phoenix, Maricopa Co., MAG, SRP, USGS. F:\...SRP\SMT H-1 PADs.mxd

EXHIBIT I
NOISE EMISSIONS AND COMMUNICATION INTERFERENCE

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Describe the anticipated noise emission levels and any interference with communication signals which will emanate from the proposed facilities.

Background and Existing Conditions

Corona discharge from electrical transmission lines generates audible noise and radio and television interference. Corona is a luminous discharge that emanates from an energized conductor due to ionization of the surrounding air and is caused by a voltage gradient which exceeds the breakdown strength of air. Corona is a function of the voltage gradient at the conductor surface. This voltage gradient is controlled by engineering design and is a function of voltage, phase spacing, conductor diameter, conductor bundle, height of overhead conductors, line geometry, and meteorological conditions. Irregularities on the surface of the conductor such as nicks, scratches, contamination, insects, and water droplets increase the amount of corona discharge. Consequently, during periods of rain and foul weather, corona discharge increases. This corona activity contributes to a small increase in power loss and is the source of transmission line audible noise and radio and television interference. For the various transmission line designs considered for the proposed South Mountain Transmission Project (SMT Project or Project) the maximum calculated voltage gradient at the conductor surface is lower than corona inception and extinction levels. Successful operation of 230 kilovolt (kV) transmission lines with similar gradients indicates that the Project would only create modest corona effects.

Noise

Audible noise associated with transmission lines produced by corona discharge is a function of line voltage. The amount of audible noise is directly related to the level of corona activity, which in turn is affected by the conductor's physical condition, contamination, and meteorological conditions, most notably rain. Transmission line audible noise is characterized by crackling, frying, sputtering, and low frequency tones which are best described as humming sounds. Audible noise from transmission lines primarily occurs during foul weather conditions. Audible noise increases with rain or during dust storms, although it is generally masked by the noise of rain and wind. In dry or fair-weather conditions, the conductors operate below the corona-inception level, therefore, noise would be typically only slightly audible at the edge of the proposed 230 kV transmission line rights-of-way (ROWs).

Noise levels can be measured by sound-level meters and are quantified in decibels (dB). Zero dB corresponds roughly to the threshold of average human hearing and 120 to 140 dB corresponds to the threshold of pain. Human response to noise is subjective and can vary from person to person. Factors that can influence individual response include intensity, frequency, and time pattern of the

noise; the amount of background noise prior to the intruding noise; and the nature of work or human activity that is exposed to the noise. **Table I-1** depicts average decibel levels for everyday sounds.

TABLE I-1: Common Noise Levels		
Type	**Description**	**Decibel Level**
Painful	Firearms, air raid siren, jet engine	140 dB
	Jet take-off, amplified rock music at 4-6 feet, car stereo, band practice	120 dB
Extremely Loud	Snowmobile, chain saw, pneumatic drill	100 dB
	Lawnmower, shop tools, truck traffic, subway	90 dB
Very Loud	Alarm clock, busy street	80 dB
	Conversation, dishwasher	60 dB
Moderate	Moderate rainfall	50 dB
	Quiet room	40 dB
Faint	Whisper, quiet library	30 dB
Source: American Speech-Language-Hearing Association (ASHA), 2019		

Environmental noise is usually measured in A-weighted decibels (dBA). Environmental noise typically varies over time, and different types of noise descriptors are used to account for this variability. The noise descriptor most commonly used to establish noise exposure guidelines for specific land uses is the day/night average noise level, commonly referred to as DNL. The noise level experienced at a particular site or area depends on the distance between the source and a specific receptor (e.g., humans, wildlife, etc.), presence or absence of noise barriers and other shielding features, and the amount of noise reduction provided by the intervening terrain. Some land uses are considered more sensitive to noise levels than others due to the amount of noise exposure and the types of activities typically involved. Audible noise from transmission lines next to a roadway is less perceptible due to the noise of the vehicular traffic on the road, whereas next to an isolated area free from other sources of audible noise, audible noise from transmission lines may be more noticeable.

Sources of noise in the Project area are primarily related to industrial and commercial type land use and developments, South Mountain Loop 202 Freeway (Loop 202), local transportation, and residential uses. Specifically, the area around the proposed 230 kV transmission line route options includes the following land uses: Commerce / Business Park, Commercial, Higher Density, Industrial, Large Lot, and Parks / Open Space in the City of Phoenix and Agriculture, Single-Family Low Density, Transportation, and Vacant in Maricopa County. Typical ambient noise levels for these densities range from 50 to 65 dBA (FHWA, 2003). Loop 202, a major transportation corridor, and major roads such as West Elliot Road, West Baseline Road, and West Dobbins Road are located adjacent to and/or in the vicinity of the Project routes. Levels of highway traffic noise typically range from 70 to 80 dBA at a distance of 50 feet from the highway (FHWA,

2003). In addition to being located predominantly in commercial, industrial, and mixed land uses, the Project is located in the South Mountain Tech Corridor and the Laveen Village Primary Core where there is significant planned growth in the technology, industrial, and other employment sectors.

Land uses that are considered sensitive to noise impacts are referred to as "sensitive noise receptors". In this Project area, there are residential receptors, which are single family or multi-family places where people reside and non-residential receptors which consist of, but are not limited to, schools, libraries, churches, hospitals, and other care facilities.

Existing residential communities within 1,000 feet of the Project include Estrella Vista, Paseo Pointe, Sienna at South Mountain, Cottonfields Ranch, and Weylyn Apartments. The nearest residence is located in Estrella Vista, on the corner of West Magdalena Lane and South 63rd Avenue, approximately 120 feet northwest of Route S1 and Route S2. There is a singular residence on the east side of South 63rd Avenue, located approximately 530 feet north of Route S1 and S2. There are three residences on South 62nd Drive located approximately 200 feet west of Route N1. In the Cottonfields Ranch neighborhood, there are residences located approximately 470 feet east and 500 feet east of Route N2 and Route N1's interconnection points on the Anderson – Orme 230 kV transmission line, respectively. The Weylyn Apartments are located approximately 900 feet east of Route S3.

There are proposed residential communities on both the east and west side of Loop 202. These properties are at various stages of planning, permitting and construction. A multi-family apartment complex on the east side of Loop 202 is becoming occupied.

There are non-residential noise receptors located within 1,000 feet of the Project. The closest non-residential receptor is Betty H. Fairfax High School, which is located directly south of the Laveen Area Conveyance Channel (LACC) and east of South 59th Avenue. The closest point to a Project route is the edge of the Betty H. Fairfax High School's sports fields, which are approximately 150 feet south of Route N3 and Route N4. The closest school building is approximately 1,200 feet south of Route N3 and Route N4.

There is a proposed elementary school north of West South Mountain Avenue and west of Loop 202 and east of South 63rd Avenue. The proposed elementary school has not started construction. Route S1, Route S2 and Route S3 are located along the south side and/or east side of the proposed school property.

Delicare Assisted Living and Memory Care is located in the Estrella Vista Neighborhood, west of South 63rd Avenue. Delicare Assisted Living and Memory Care is located approximately 950 feet northwest of Route S1 and Route S2.

There is a proposed hospital planned for the property owned by Banner Health south of West Baseline Road and west of Loop 202 and east of South 63rd Avenue. The proposed hospital

development is in the planning and permitting phase. Route N1 and Route N2 are located along the east side of the property.

The nearest hospital is Dignity Health - Arizona General Hospital Laveen located approximately 0.84 miles northeast of the Route N4 interconnection point east of Cheatham Substation. The hospital is beyond 1,000 feet of the Project.

There are no other schools, medical facilities, assisted living homes, and no daycares, or churches within 1,000 feet of the Project.

During construction of the Project, equipment used for clearing and grading (substation, access roads, and structure sites), assembly and erection of structures, wire pulling and splicing, and rehabilitation activities will generate noise. This heavy equipment will include cranes, trucks, and tractor graders. **Table I-2** identifies typical construction equipment noise levels.

TABLE I-2: Typical Construction Equipment Noise Levels

Equipment Type	Noise Level at 50 Feet
Backhoe	80 dB
Front-end loader	85 dB
Concrete truck/mixer	85 dB
Pump	76 dB
Grader	85 dB
Truck	88 dB
Source: Federal Highway Administration (FHWA), 2006	

Construction activities will primarily occur during daytime hours when tolerance to noise is higher. In addition, Loop 202 highway traffic noise would be present, at a similar level to the typical construction noise levels.

Construction will comply with applicable laws, including City of Phoenix ordinances (City of Phoenix, 2024b).

During operation and maintenance activities, noise could be generated from a vehicle driving along the access roads for structure and line inspection or equipment and crew conducting maintenance or repairs.

Communication Interference

High voltage transmission line radio frequency noise is not expected to be noticeable outside the immediate vicinity of the transmission lines. Radio interference is likely to affect the amplitude modulation (AM) broadcast band; frequency modulation (FM) radio is rarely affected by transmission lines. AM receivers located immediately adjacent to the proposed 230 kV transmission line have the potential to be affected by radio interference and the effect may be amplified during foul weather.

FM radio reception and cellular telephone communication are above the frequency range where radio interference has been experienced with previous projects. At the frequency range of FM radio or above, any rare instance of interference would generally be due to microsparks[1], which can be identified and corrected.

Applicant utilizes field intensity instrumentation capable of measuring radiated noise and interference from 150 kilohertz up to one gigahertz. These instruments are used for investigating reports of unusual or relatively high transmission line noise, as well as for compiling ambient noise level data.

Corona-caused radio interference by the Project is expected to be minimal due to the predominantly industrial, commercial, office, and residential character of the area along the Project and the proposed ROW widths for the Project. Furthermore, the Applicant is ready to address radio interference resulting from construction and operation of the proposed 230 kV transmission lines with corrective measures such as smoothing nicks on the conductor surface or tightening hardware, which can be implemented to help reduce radio interference complaints. In addition to any transmission repairs, relevant corrective actions may include adjusting or modifying receivers; adjusting, repairing, replacing, or adding antennas; antenna signal amplifiers; filters or lead-in cables; or other corrective actions. Based on the design parameters and physical configuration of the proposed facilities for the Project, no objectionable interference with radio signals is anticipated.

Potential Effects

The Project is located predominantly in commercial, industrial, and mixed land uses with some residential land use in close proximity as described above. The Project is located in the South Mountain Tech Corridor and passes through the Laveen Village Primary Core. The South Mountain Tech Corridor and Primary Core are planned to accommodate multiple land uses and growth in employment and housing opportunities, as designated by the PlanPHX 2025 General Plan (City of Phoenix General Plan). The Project routes are all in the vicinity of or adjacent to Loop 202, a major transportation corridor, and/or major roads such as West Elliot Road, West Baseline Road, and West Dobbins Road that intersect the Project routes.

[1] Microsparks can be caused by loose or damaged hardware that is used to support energized conductors.

As stated above, there will be audible noise emitted from the transmission lines and more so in inclement weather, however, it is not likely that noise from the two 230 kV transmission lines would be discernable because of the existing noise from Loop 202 and the mix of land uses and planned land uses in the area. During maintenance activities, noise could be generated from a vehicle accessing the transmission poles. However, any such noise is expected to be compatible with the existing noise in the area. Therefore, the Project would result in negligible impacts to noise emission levels. The Project would create noise during construction; however, due to the existing noise setting in the area and by following best management practices, the impacts would be negligible to the community.

Radio interference is expected to be minimal, due to the predominantly industrial, commercial, office and residential character of the area along the Project and the proposed ROW widths for the Project. Based on the design parameters and physical configuration of the proposed facilities for the Project, no objectionable noise and interference with radio signals is anticipated.

References

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Federal Highway Administration (FHWA), 2006. Construction Noise Handbook. Accessed 7/24/2024. [Online] Located at: https://www.fhwa.dot.gov/environment/noise/construction_noise/handbook/

Federal Highway Administration (FHWA), 2003. Living with Noise. Accessed 7/24/2024. Located at: https://highways.dot.gov/public-roads/julyaugust-2003/living-noise#:~:text=Levels%20of%20highway%20traffic%20noise%20typically%20range,the%20ability%20to%20carry%20on%20a%20conversation.

EXHIBIT J
SPECIAL FACTORS

In accordance with Arizona Administrative Code R14-3-219, the Applicant provides the following information:

Describe any special factors not previously covered herein, which Applicant believes to be relevant to an informed decision on its application.

As described earlier in this Application, Salt River Project Agricultural Improvement and Power District (SRP) initiated the proposed South Mountain Transmission Project (SMT Project or Project) to provide the necessary energy and reliability to serve expected load growth in Laveen Village.

SRP conducted an integrated public and routing process to obtain feedback on routing options and inform the public.

Summary of Public Process

SRP has conducted a public process comprised of numerous outreach activities. The outreach process informed the public, elected officials, jurisdictional agencies, property owners' customers, and stakeholders within the Project area. The process included postcard mailings and emails, elected officials and stakeholder briefings and meetings, a Project information line, live online open houses, in-person open houses. In addition, social media and a Project website were used to inform the public and stakeholders.

The SMT Project public process consisted of two phases. In each phase, SRP employed various methods of outreach to inform the public of the Project and solicit feedback on the route options.

Postcard Mailings, Emails, and News Releases

SRP mailed postcards and also sent emails for the two phases of the public process to government entities, stakeholders, property owners and customers in the notification area which was buffered around initial Project routes by approximately 1.5 to 2.5 miles.

The postcard mailing for Phase 1 occurred on May 20, 2024, and is included in **Exhibit J-1a.** Phase 2 postcards were mailed on August 15, 2024, and are included in **Exhibit J-1b.** A modified version of the postcard map was emailed and posted to the website prior to the September open houses and is included in Exhibit **J-1b.**

Emails with the same content as the postcard mailers were sent to government entities, stakeholders, and customers for Phase 1 on May 20 and May 28, 2024 **(Exhibit J-1a)** and Phase 2 on August 15 and September 3, 2024 **(Exhibit J-1b)**.

News releases were also issued for each phase and are included in **Exhibit J-1a and J-1b.**

Briefings/Meetings and Letters of Support

Throughout the Project process, team members held meetings with local jurisdiction and agency representatives, including elected government officials, planning staff, and stakeholders to relay information about the Project, answer questions, and request feedback. These meetings enabled the Project team to identify stakeholder issues and share information about Project developments. A summary of agency and other stakeholder meetings is included in **Exhibit J-2a**. In addition, letters of support from agencies and stakeholders have been included in **Exhibit J-2b.**

Project Information Line

SRP provided an additional opportunity for members of the public to ask questions, provide comments and receive information by providing a Project information telephone line. The telephone number was provided in all Project communications. The Project line was answered live and/or messages were responded to within 24 hours including on weekends and holidays.

Public Meetings/Materials

SRP hosted live online and in-person open houses for each phase of the Project. Set out below is a summary of those meetings. Presentation and feedback materials for those meetings are included in **Exhibit J-3.** Phase 1 is included in **Exhibit J-3a** and Phase 2 in **Exhibit J-3b**. Questions and comments were submitted through the on-line chat feature or through an on-line Feedback Survey Form. Hard copy comment forms and Feedback Survey Forms were also available at the in-person open houses. All details received through the chat feature, Feedback Survey Forms and comment forms are also included in **Exhibit J-3a** or **J-3b** for their respective phases**.**

Phase 1

Live Online Open House Meetings

Phase 1 live online open house meetings were held on May 30, 2024, at 12:00 p.m. and 5:30 p.m. A total of 41 members of the public attended the 12:00 p.m. open house on May 30, 2024, and a total of 27 live chat questions/comments were submitted. At the 5:30 p.m. open house on May 30, 2024, a total of 35 members of the public attended and a total of 13 live chat questions/comments were submitted. In addition, five questions/comments were received during the registration period prior to the live online open houses.

These meetings consisted of detailed presentations and answers to questions that were sent in prior to the open house. SRP also had a live chat for attendees to use to submit questions.

In-Person Open House

An in-person open house was held on June 6, 2024, from 4:30-6:30 p.m. at the Betty H. Fairfax High School. The meeting was an open house/drop-in format where participants could view Project information boards and speak to Project resource specialists, and the Project information and Project team members were accessible for two hours with 23 members of the public attended. The

team addressed questions and listened to attendee comments. Refreshments were provided.

The community members who attended were very engaged and came prepared with questions, comments, and concerns regarding many aspects of the Project. Attendees were encouraged to fill out a comment form expressing their issues, concerns, or general statements. Six hardcopy comment cards and 14 Feedback Survey Forms were received at the open house. SRP also provided comment forms were provided that attendees could mail into SRP, and one was received. Sign-in sheets and comments forms are included in **Exhibit J-3a.**

Phase 2

Live Online Open House Meetings

Phase 2 live online open house meetings were held on September 5, 2024, at 12:00 p.m. and 5:30 p.m. A total of 38 members of the public attended the 12:00 p.m. open house on September 5, 2024, and a total of 23 live chat questions/comments were submitted. At the 5:30 p.m. open house on September 5, 2024. A total of 13 members of the public attended the 5:30 p.m. open house and 11 live chat questions/comments were submitted. In addition, seven questions/comments were received during the registration period prior to the live online open houses.

In-Person Open House

An in-person open house was held on September 10, 2024, from 4:30-6:30 p.m. at the Cesar Chavez Community Center. The meeting was an open house/drop-in format where participants could view Project information boards and speak to Project resource specialists, and the Project information and Project team members were accessible for two hours with 22 members of the public attended. The team addressed questions and listened to attendee comments. An ice cream truck was made available for all those at the Community Center.

The community members who attended were very engaged and came prepared with questions, comments, and concerns regarding many aspects of the Project. Attendees were encouraged to fill out a comment card expressing their issues, concerns, or general statements. There were two hardcopy comment cards, and nine Feedback Survey Forms were received at the open houses. SRP also provided comment forms were provided that could be mailed, and one was received. Sign-in sheets and comments forms are included in **Exhibit J-3b.**

A summary of all public comments from Phases 1 and 2 that were received through the website or through meetings in addition to the comment forms and Feedback Survey Forms described above are included in **Exhibit J-3c.**

Website and Social Media

A Project website "srp.net/smt" was created as a central location to provide stakeholders and interested parties with updates, general Project information, videos and opportunities for public comment. Interested parties were able to visit and review materials at their convenience and submit comments and questions through an embedded comment form. A copy of the website

content from both Phase 1 and Phase 2 are shown in **Exhibit J-4a** and **Exhibit J-4b**, respectively. The Project website was also made available in Spanish. An example of the Spanish website content is included in **Exhibit J-4a** and **Exhibit J-4b**.

Facebook, Instagram, and Nextdoor were used to reach additional interested parties and announce the live online open houses and the in-person open houses. Social media advertisements were posted between May 20 and June 6, 2024, and August 22 and September 5, 2024, and are included in **Exhibit J-5.** Phase 1 social media advertisements are included in **Exhibit J-5a** and Phase 2 social media advertisements in **Exhibit J-5b**.

Summary of Routing Process

Through the public process described above, the Applicant conducted a routing analysis that utilized opportunities and constraints as well as stakeholder and public input to develop, adjust, add and remove routes. **Exhibit J-6** includes routing maps that demonstrate the full suite of routes analyzed and then ultimately included in this Application.

Summary of Routing Process

Using the stakeholder and public input from the public process described above, the Applicant conducted a routing analysis that utilized opportunities and constraints to develop, adjust, add and remove routes. **Exhibit J-6** includes routing maps that demonstrate the full suite of routes analyzed and ultimately included in this Application. The purpose of this routing analysis is to identify and evaluate the opportunities and constraints for each route, to determine preferred and alternate routes and route segments for this Application.

Project Study Area

The Applicant began the routing analysis by defining the Project Study Area (PSA) **(Figure J-6a)**. The PSA is defined by the two end points of the Project and enables the development of routing alternatives. The PSA for this Project generally extends from the SRP-owned new 500/230/69 kV substation (New Substation) in the south PSA to the existing double-circuit Anderson – Orme 230 kV transmission line, in the northeast PSA. The proposed transmission line routes must connect to these two endpoints.

Opportunities and Constraints

SRP developed siting criteria based on identified constraints and opportunities that could affect routing of the two new transmission lines. Using the criteria, SRP identified routing options.

- Constraints – Areas where siting the transmission line is possible, but issues or conditions exist that could make locating the Project more difficult, more time-consuming, or more costly. For example, these could be residential land uses, school, Planned Area Developments (PADs) etc.
- Opportunities – For transmission projects, siting opportunities are areas where siting the transmission line is possible, and the transmission line route may have fewer environmental impacts. For example, an opportunity exists where a transmission line can parallel existing

linear facilities, so it is not necessary to introduce a new linear feature into the land use patterns of an area. In the PSA, the existing linear features include transmission lines, roadways, parcel lines, and manmade waterways.

Preliminary opportunities and constraints were mapped and are shown on **Figure J-6b.** Nodes (N) were created to denote where segments split or meet a different segment that could form a route alternative.

The possible opportunities were evaluated by length, distance to constraints, natural, physical and social resources, existing land uses crossed, and planned developments, construction and maintenance constraints, and engineering constraints.

The preliminary review of opportunities resulted in removing some segments due to obvious routing disadvantages including unnecessary length, traveling the wrong direction based on Project endpoints, and inadequate room for a right-of-way (ROW) based on existing land uses and existing structures and development. **Figure J-6c** shows routes carried forward for further analysis.

Routes Carried Forward

Through two phases of the public process, routes were removed or adjusted based on analysis of opportunities and constraints and stakeholder and public comments and feedback. The routes that were removed through the public process are represented in red on **Figure J-6d.**

Stakeholder and public feedback received about locating routes further from residences, closer to the South Mountain Loop 202 Freeway (Loop 202), and the general area for growth and development drove routes to be removed or adjusted throughout the public process.

SRP considered input from stakeholders and further evaluated routing criteria. This process informed SRP's decision to select the routes included in this Application. Those routes are shown on **Figure J-6e.** The route naming convention and associated nodes are included in **Figure J-6f.**

The criteria established for this Project Study Area (PSA) are listed below. As described throughout this Application, the Project area is quickly transitioning and developing to accommodate the proposed South Mountain Tech Corridor and associated development. Property ownership and plans are changing rapidly, and all land has some type of recent development in construction, rezoning, is a Planned Area Development or under permit/site plan review.

- Minimize impacts to natural, cultural and social resources
- Minimize impacts to existing residences, schools, and other routing constraints
- Minimize impacts to future or planned residences, schools, and other routing constraints
- Maximize use of existing linear features (routing opportunities) like Loop 202, roadways and manmade water features.
- Minimize impacts to individual parcels/properties by minimizing number of routes on one property (Project requires two 230 kV transmission lines)
- To serve South Mountain Tech Corridors future load, route as close to future large load land use and parcels

- Minimize overall length
- Minimize impacts to Planned Developments

Exhibit J-6 includes tables that analyze the proposed routes against the above listed criteria in the South Routing Area and the North Routing Area. The tables include details of routes based on the criteria to compare each route. Ultimately, based on stakeholder and public input along with the routing criteria and analysis, routes depicted in **Figure J-6g** were selected as preferred routes.

South Routing Area
Preferred Routes:
S2
S3 to Segment H-I-K

Alternative Routes:
S1
S5

North Routing Area
Preferred Routes:
N2
N3

Alternative Routes:
N1
N4

Contingent Preferred Segments:
S5 Segment H-J-K
The Applicant is currently working with ADOT to study the feasibility of a route or route segments on the east side of Loop 202. If ultimately the studies deem the east side of Loop 202 incompatible with transmission infrastructure, then Route S4 and Segments H-I-K would not be feasible. Therefore, the Applicant is requesting Contingent Preferred Segment Route S5 Segment H-J-K displayed on **Figure 2** be approved.

S1 Segment A-E
Through stakeholder outreach, the Applicant heard that the Project could better support future planned development if it is close to parcels south of West Dobbins Road and west of South 63rd Avenue **(See Ex J-6).** Therefore, the Applicant is requesting Contingent Preferred Segment Route S1 Segment A-E displayed on **Figure J-6g** be approved.

From the time of filing this Application to the time of the Arizona Power Plant and Transmission Line Siting Committee Hearing, SRP will continue to meet with agencies, stakeholders, and the public and based on these discussions, and may include additional details and refined routing preferences in the Arizona Power Plant and Transmission Line Siting Committee Hearing.

EXHIBIT J-1
POST CARD MAILINGS, EMAILS AND NEWS RELEASES

EXHIBIT J-1A
PHASE 1

Announcing South Mountain Transmission Project

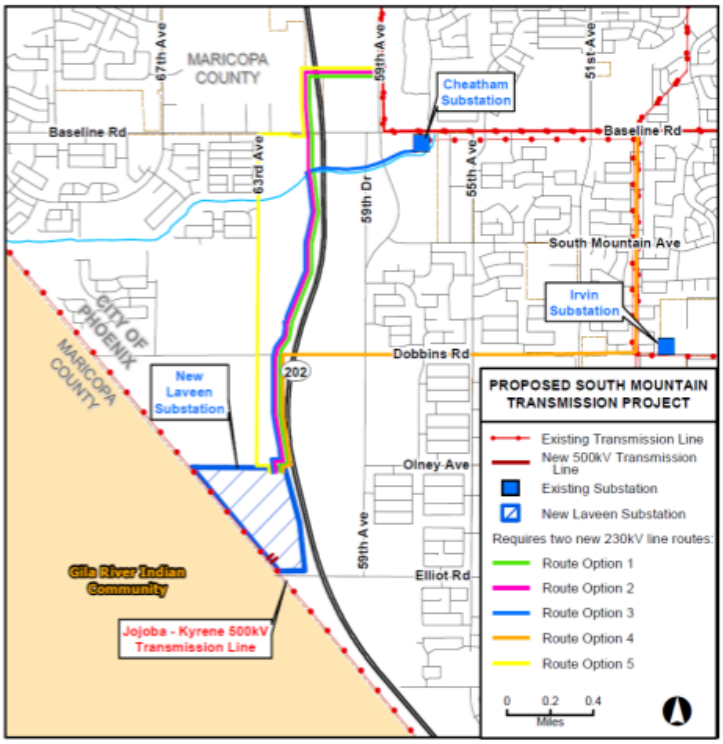
The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway, which may include a mix of land uses and development options, such as an industrial and tech park, hotel and resort, retail, hospitals, residential developments and new businesses to attract high-wage jobs. To support future development, Salt River Project (SRP) is building the South Mountain Transmission (SMT) Project.

This project will require a new 500/230/69 kV substation, two sets of approximately 4 - 5 miles of new overhead double-circuit 230 kV transmission lines and 0.5 mile of two new overhead 500 kV transmission lines.

SRP is preparing an application seeking a Certificate of Environmental Compatibility (CEC) for the 230 kV transmission lines to be filed with the Arizona Corporation Commission (ACC). The CEC process includes public hearings with the Arizona Power Plant and Transmission Line Siting Committee before seeking final approval from the ACC.

SRP is hosting open houses to invite the public to learn about the SMT Project and provide input.

Details on the back.



LIVE Virtual Open Houses
Thursday, May 30, 2024
12:00 p.m. and 5:30 p.m.
This will be a Zoom meeting, and registration is required to receive the meeting link.

In-Person Open House Meeting
Thursday, June 6, 2024
4:30 p.m. - 6:30 p.m.
Betty H. Fairfax High School
8225 S 59th Ave., Laveen Village, AZ 85339
This will be an open house format and registration for this event is encouraged, but not required.

To sign-up, please use the link below:
srp.net/SMTOpenHouse or visit the website at:
www.srp.net/SMT

Register by phone at 1-855-584-1484.

To learn more about this project or to comment with questions or feedback, visit srp.net/SMT or call 1-855-584-1484.

Para obtener informacion en espanol sobre este proyecto, visite srp.net/smtspanish

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South Mountain Transmission Project

The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway, which may include a mix of land uses and development options, such as an industrial and tech park, hotel and resort, retail, hospitals, residential developments and new businesses to accommodate and attract high-wage jobs. To support future development, Salt River Project (SRP) is building the South Mountain Transmission (SMT) Project.

The SMT Project will require a new 500/230/69 kV substation, two sets of approximately 4 to 5 miles of two new overhead double-circuit 230 kV transmission lines and 0.5 mile of two new overhead 500 kV transmission lines.

SRP is hosting open houses to invite the public to learn about the SMT Project and provide input.

Get more information

Live Virtual Open House:

Thursday, May 30, 2024 | Noon and 5:30 p.m.

Registration is required. The virtual open house will only accept questions and comments via the online chat feature. The information provided in the presentations and materials will be the same for both the virtual and in-person meetings.

In-Person Open House Meeting:

Thursday, June 6, 2024 | 4:30–6:30 p.m.

Betty H. Fairfax High School
8225 S. 59th Ave., Laveen, AZ 85339

This will be an open house format. Registration for this event is encouraged but not required. Participants who preregister may submit questions in advance. To register, click the sign up button below or call **1-855-584-1484**.

Sign up

BLOG

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SRP Seeks Public Feedback on South Mountain Transmission Project

One in-person and two virtual open house events scheduled for May and June

May 20, 2024

Salt River Project (SRP) is proposing the South Mountain Transmission (SMT) Project to support future development along the South Mountain Freeway in Laveen, Arizona. SRP is requesting public feedback and will host one in-person and two virtual open houses for the public to learn more about the project and provide input.

The City of Phoenix is planning for future development in Laveen that could include a mix of land uses, such as an industrial and tech park, retail, hospitals, hotels and resorts, residential areas and other new businesses that could bring high-paying jobs.

To meet expected energy needs for the proposed development, SRP plans to build a new 500/230/69 kV substation, 4-5 miles of two new overhead double-circuit 230-kilovolt (kV) overhead transmission lines and a half-mile of two new overhead 500-kV overhead transmission lines.

SRP is preparing an application for a Certificate of Environmental Compatibility for the 230-kV lines with the Arizona Corporation Committee (ACC). As part of that process, SRP will attend public hearings with the Arizona Power Plant and Transmission Line Siting Committee before seeking final approval from the ACC.

SRP has scheduled one in-person and two virtual open house events for the public to learn more about the proposed project and provide feedback. To sign up for an open house, visit srp.net/SMTOpenHouse or call 1-855-584-1484. Residents can learn more about the project atwww.srp.net/SMT, and in Spanish at srp.net/smtspanish. A Spanish-speaking expert will be available at the open houses.

Media Contact



Jennifer Schuricht
Senior Manager of Public and Media Relations
Jennifer.Schuricht@srpnet.com
(480) 625-5070

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Salt River Proje @:· May 2, 2017
Awww! SRP crews rescued this baby otter recently and

Virtual Meetings:

- Thursday, May 30, 12 p.m.
  - Online
  - Registration is required

- Thursday, May 30, 5:30 p.m.
  - Online
  - Registration is required

In-Person Meeting:

- Thursday, June 6, 4:30–6:30 p.m.
  - Betty H. Fairfax High School (8225 S 59th Ave., Laveen, AZ 85339)
  - Registration is encouraged but not required



About SRP

SRP is a community-based, not-for-profit public power utility and the largest electricity provider in the greater Phoenix metropolitan area, serving approximately 1.1 million customers. SRP provides water to about half of the Valley's residents, delivering more than 244 billion gallons of water (750,000 acre-feet) each year, and manages a 13,000-square-mile watershed that includes an extensive system of reservoirs, wells, canals and irrigation laterals.

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EXHIBIT J-1B
PHASE 2

The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway, which may include a mix of land uses and development options, such as an industrial and tech park, hotels and resorts, retail, hospitals, residential developments, and new businesses to attract high-wage jobs. To support this future development, SRP is proposing the South Mountain Transmission (SMT) Project.

This project will require:

- A new 500/230/69 kV substation
- Two new overhead double-circuit 230 kV transmission lines that will range in length from 2-3 miles depending on the selected route
- Less than 1 mile of two new overhead 500 kV transmission lines

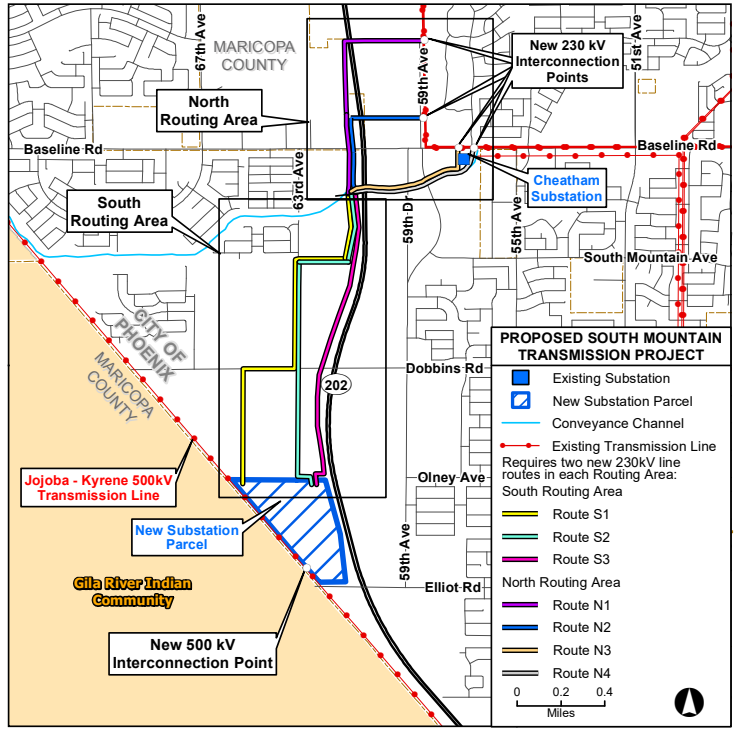
Next steps:

SRP is preparing an application seeking a Certificate of Environmental Compatibility (CEC) for the 230 kV transmission lines to be filed with the Arizona Corporation Commission (ACC). The CEC process includes public hearings with the Arizona Power Plant and Transmission Line Siting Committee and final consideration and approval by the ACC.

SRP is hosting open houses to invite the public to learn about the SMT Project and to provide input concerning the new proposed routes for the proposed 230 kV lines.

See details on the back.

New Routes Proposed South Mountain Transmission Project



SRP
PAB4TB
PO Box 52025
Phoenix, AZ 85072-2025

LIVE Virtual Open House
Thursday, September 5, 2024
12:00 p.m. and 5:30 p.m.
This will be a zoom meeting, and registration is required to receive the meeting link.

In-Person Open House Meeting
Tuesday, September 10, 2024
4:30 p.m. - 6:30 p.m.
Cesar Chavez Community Center
7858 S. 35th Ave., Laveen, AZ 85339
Registration for this event is encouraged, but not required.
An ice cream truck will be on-site starting at 4:00 p.m.

To sign-up, use the QR Code or visit the website at:
www.srp.net/SMT

Register by phone at 1-855-584-1484.

To learn more about this project or to comment with questions or feedback, visit srp.net/SMT or call 1-855-584-1484.

Para obtener informacion en espanol sobre este proyecto, visite srp.net/smtspanish

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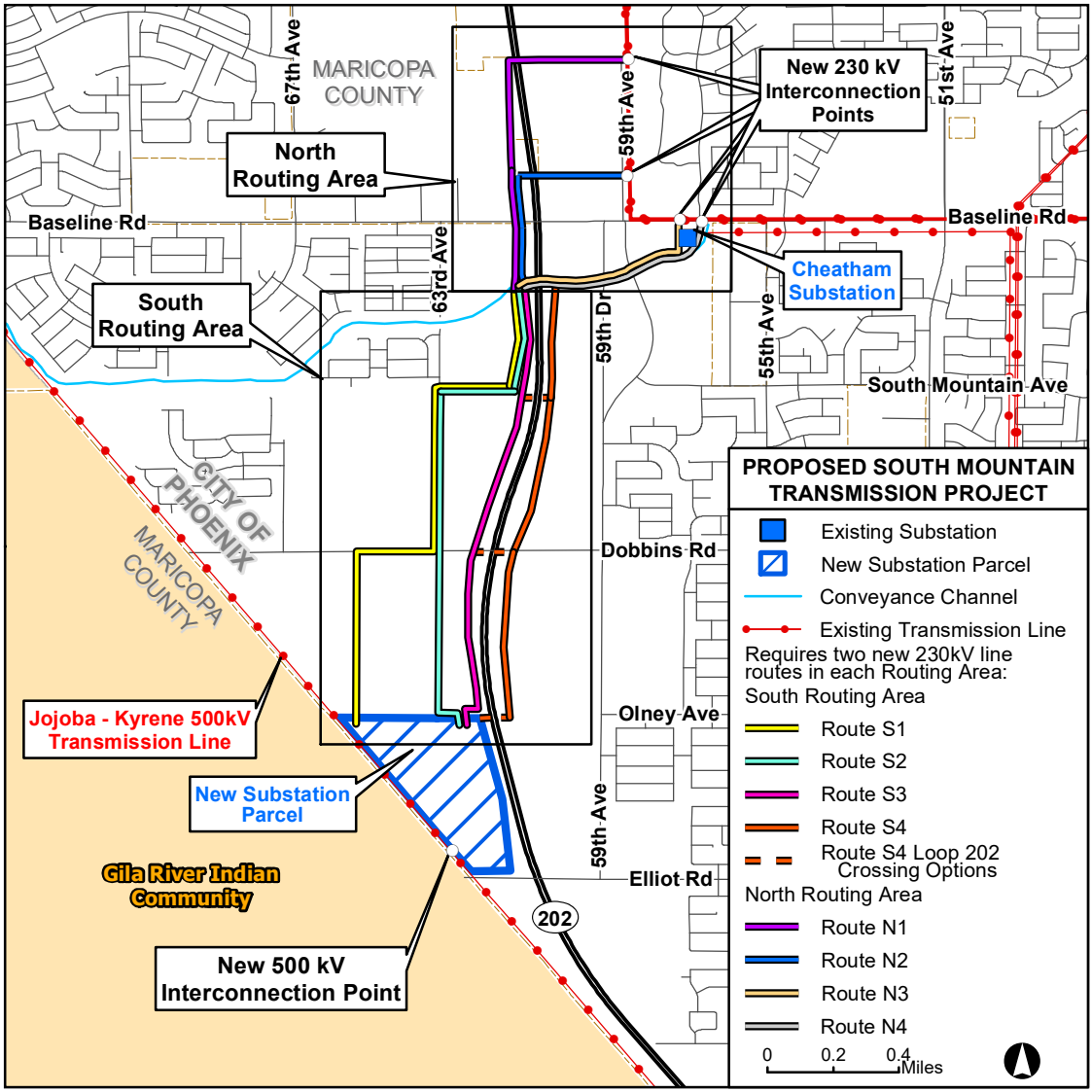
MARICOPA COUNTY
67th Ave
59th Ave
51st Ave
New 230 kV Interconnection Points
North Routing Area
Baseline Rd
63rd Ave
Cheatham Substation
South Routing Area
59th Dr
55th Ave
South Mountain Ave
CITY OF PHOENIX
MARICOPA COUNTY
Dobbins Rd
Olney Ave
59th Ave
Elliot Rd
202
Jojoba - Kyrene 500kV Transmission Line
New Substation Parcel
Gila River Indian Community
New 500 kV Interconnection Point
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT
Existing Substation
New Substation Parcel
Conveyance Channel
Existing Transmission Line
Requires two new 230kV line routes in each Routing Area:
South Routing Area
Route S1
Route S2
Route S3
Route S4
Route S4 Loop 202 Crossing Options
North Routing Area
Route N1
Route N2
Route N3
Route N4
0
0.2
0.4
Miles

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New Routes Proposed: South Mountain Transmission Project

The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway. To support this future development, SRP is proposing the South Mountain Transmission (SMT) Project.

The project will require:

- A new 500/230/69 kV substation
- Two new overhead double-circuit 230 kV transmission lines that will range in length from 2–3 miles depending on the selected route
- Less than 1 mile of two new overhead 500 kV transmission lines

Next steps:

SRP is preparing an application seeking a Certificate of Environmental Compatibility (CEC) for the 230 kV transmission lines to be filed with the Arizona Corporation Commission (ACC). The CEC process includes public hearings with the Arizona Power Plant and Transmission Line Siting Committee and final consideration and approval by the ACC.

SRP is hosting open houses to invite the public to learn about the SMT Project and to provide input concerning the new proposed routes.

For more information, visit **srp.net/SMT.**

LIVE Virtual Open Houses:

Thursday, Sept. 5, 2024 | Noon and 5:30 p.m.
Registration is required to receive the Zoom meeting link.

In-Person Open House:

Tuesday, Sept. 10, 2024 | 4:30–6:30 p.m.
Cesar Chavez Community Center
7858 S. 35th Ave., Laveen, AZ 85339

Registration for this event is encouraged but not required. An ice cream truck will be on-site starting at 4 p.m.

To register, click the button below or call **1-855-584-1484**.

Sign up

SRP Seeks Additional Public Feedback on South Mountain Transmission Project

One in-person and two virtual open house events are scheduled for September 5th and 10th.

August 15, 2024

Salt River Project (SRP) is planning the South Mountain Transmission (SMT) Project to support future growth along the South Mountain Freeway in Laveen, Arizona.

The City of Phoenix is planning for future development in Laveen, which could include a mix of land uses such as an industrial and tech park, retail offerings, hospitals, hotels and resorts, residential areas and other new businesses that could bring high-paying jobs to the community. To meet anticipated energy needs for the proposed development, SRP plans to build a new 500/230/69 kV substation, together with 2-3 miles of new overhead double-circuit 230-kilovolt (kV) transmission lines and less than one mile of new overhead 500-kV overhead transmission lines. To meet anticipated future growth and energy demand, SRP plans to build the two separate double-circuit 230kV lines and 500kV lines as part of the SMT Project.

SRP has incorporated public input and feedback received during the first phase of open houses and stakeholder meetings to modify the transmission line route options presented to the public during that initial phase of public outreach. Moving into the second phase of public outreach, SRP is now seeking public input on modified route options.

SRP will host the next series of open houses in September. Two virtual and one in-person open houses will be conducted for the public to learn more about this project's progress and provide comments on the new proposed routes. SRP is preparing an application for a Certificate of Environmental Compatibility (CEC) for the 230-kV lines. As part of that process, SRP will present evidence in support of its application to the Arizona Power Plant and Transmission Line Siting Committee before seeking final approval from the Arizona Corporation Commission. To sign up for an open house, visit srpnet.com/SMTOpenHouse or call 1-855-584-1484.

Media Contact

Elaina Steingard
Senior Media Relations Representative
elaina.steingard@srpnet.com
(602) 619-7606

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Salt River Proje @:· May 2, 2017
Awww! SRP crews rescued this baby otter recently and @azgfd staff nursed it back to health! Story: srpconnect.com/baby-otter #wildlife #rescue

Residents can learn more about the project at www.srp.net/SMT, and in Spanish at srp.net/smtspanish. A Spanish-speaking expert will be available at the open houses.



Live Virtual Open Houses:

- Thursday, September 5, noon (Registration is required)
- Thursday, September 5, 5:30 p.m. (Registration is required)

In-Person Open House:

- Tuesday, Sept. 10, 2024, 4:30-6:30 p.m. (Registration is encouraged but not required)
- Cesar Chavez Community Center; 7858 S. 35th Ave., Laveen, AZ 85339
- An ice cream truck will be available starting at 4:00 p.m.

About SRP

SRP is a community-based, not-for-profit public power utility and the largest electricity provider in the greater Phoenix metropolitan area, serving approximately 1.1 million customers. SRP provides water to about half of the Valley's residents, delivering more than 244 billion gallons of water (750,000 acre-feet) each year, and manages a 13,000-square-mile watershed that includes an extensive system of reservoirs, wells, canals and irrigation laterals.

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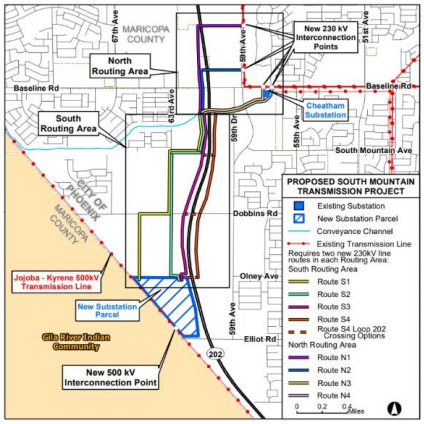
New Routes Proposed: South Mountain Transmission Project

The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway. To support this future development, SRP is proposing the South Mountain Transmission (SMT) Project.

New route option added to map

As we continue working with the landowners, stakeholders and members of the public, we are working on analyzing all possible route alternatives. Additional routes are being considered and would like to ensure we obtain feedback on all routing options in our upcoming open houses.



The project will require:

- A new 500/230/69 kV substation
- Two new overhead double-circuit 230 kV transmission lines that will range in length from 2–3 miles depending on the selected route
- Less than 1 mile of two new overhead 500 kV transmission lines

Next steps:

SRP is preparing an application seeking a Certificate of Environmental Compatibility (CEC) for the 230 kV transmission lines to be filed with the Arizona Corporation Commission (ACC). The CEC process includes public hearings with the Arizona Power Plant and Transmission Line Siting Committee and final consideration and approval by the ACC.

SRP is hosting open houses to invite the public to learn about the SMT Project and to provide input concerning the new proposed routes.

For more information, visit **srp.net/SMT.**

LIVE Virtual Open Houses:

Thursday, Sept. 5, 2024 | Noon and 5:30 p.m.
Registration is required to receive the Zoom meeting link.

In-Person Open House:

Tuesday, Sept. 10, 2024 | 4:30–6:30 p.m.
Cesar Chavez Community Center
7858 S. 35th Ave., Laveen, AZ 85339

Registration for this event is encouraged but not required. An ice cream truck will be on-site starting at 4 p.m.

To register, click the button below or call **1-855-584-1484**.

Sign up

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EXHIBIT J-2
BRIEFINGS/MEETINGS AND LETTERS OF SUPPORT

EXHIBIT J-2A
BRIEFINGS/MEETINGS

Jurisdictional Briefings

Date	Agency
4/3/24	Maricopa County Supervisor & Chief of Staff
4/30/24--5/9/24	Arizona Corporation Commission (ACC) Commissioners and Policy Advisors and ACC Utilities Division Staff
5/9/24	Governor's Office Resiliency Staff
5/17/29	Arizona House of Representatives
5/29/24	Arizona State Senate
9/16/24-9/18/24	Arizona Corporation Commission (ACC) Commissioners and Policy Advisors and ACC Utilities Division Staff

Stakeholder Meetings

Date	Name
9/8/2023	Gila River Indian Community (GRIC)
12/1/2023	Gila River Indian Community (GRIC)
3/21/2024	Western Area Power Authority (WAPA)
3/28/2024 5/1/2024 5/9/2024 5/14/2024 6/25/2024 7/10/2024 7/24/2024 8/8/2024 9/19/24 10/4/24	City of Phoenix
5/9/2024	Laveen Village Planning Committee Members
5/14/2024	Greater Phoenix Economic Council (GPEC)
5/14/2024	Southwest Valley Chamber of Commerce
5/14/2024	Greater Phoenix Chamber of Commerce
5/14/2024	AZ Commerce Authority
5/14/2024	WESTMARC
5/15/2024	South Mountain and Laveen Chamber of Commerce (SMLCC)
5/15/2024	Arizona Hispanic Chamber of Commerce
5/17/2024	Arizona House of Representatives
5/17/2024	Gila River Indian Community (GRIC)
5/20/2024	John R. Augustine John R. Shelton Reid Butler Stephen H. Williams J. Weston "Wes" Lines
5/29/2024	Reid Butler & Wes Lines
6/7/2024	Arizona Department of Transportation (ADOT)
6/10/2024	Laveen Village Planning Committee (Full Committee)
6/10/2024	Maricopa Chamber of Commerce
6/10/2024	Southwest Valley Chamber of Commerce
6/10/2024	South Mountain and Laveen Chamber of Commerce (SMLCC)
6/10/2024	Greater Phoenix Chamber of Commerce
6/10/2024	Arizona Hispanic Chamber of Commerce
6/19/2024	Kitchell Development Company
6/19/2024	Roers Companies
6/20/2024	Banner Health
6/21/2024	Pebler Facilities

6/27/2024	Reid Butler & Stephen H. Williams
7/8/2024	Arizona Department of Transportation (ADOT)
7/17/2024	Arizona Department of Transportation (ADOT)
7/18/2024	Laveen Elementary School District
7/24/2024	Ktichell Development Company
7/24/2024	City of Phoenix & Maricopa County Flood Control
7/25/2024	Banner Health
7/25/2024	Harkins Theatre
8/1/2024	Reid Butler, Stephen H. Williams & Wes Lines
8/2/2024	Harkins Theatre
8/5/2024	Maricopa Community College
8/8/2024	IDM Companies
8/12/2024	Laveen Village Planning Committee members
8/14/2024	Taylor Morrison
8/15/2024	Maricopa Chamber of Commerce
8/15/2024	Southwest Valley Chamber of Commerce
8/15/2024	Greater Phoenix Chamber of Commerce
8/15/2024	South Mountain and Laveen Chamber of Commerce (SMLCC)
8/15/2024	Arizona Hispanic Chamber of Commerce
8/21/2024	Roers Companies
8/26/2024	Laveen Elementary School District
8/26/2024	Arizona Department of Transportation (ADOT)
8/29/2024	Banner Health
9/3/2024	Ktichell Development Company
9/3/2024	Scannell Properties & Iron Mountain
9/5/2024	Reid Butler & Wes Lines
9/9/2024	Laveen Village Planning Committee (Full Committee)
9/13/2024	Village at Carver Mountain
9/18/2024	Baseline Road LLC
9/19/2024	Laveen Park Place Apts LLC
9/20/2024	IDM Companies
9/20/2024	Scannell Properties
9/26/2024	Laveen Multifamily Owner LLC

EXHIBIT J-2B
LETTERS OF SUPPORT

City of Phoenix
OFFICE OF THE CITY MANAGER

April 8, 2024

Mr. Diego Espinoza
Senior Local Government Affairs
Representative
Salt River Project
1500 N. Mill Avenue
Tempe, Arizona 85288

RE: South Mountain Transmission Project Route Options

Dear Mr. Espinoza,

Thank you for the opportunity to work with Salt River Project (SRP) on the development of the conceptual electric transmission line route options to serve the proposed SRP receiving station located west of the Loop 202 South Mountain Freeway and south of Olney Drive. City staff has reviewed the Five Options shown in the map dated March 12, 2024 and attached to this letter. Staff supports presenting these options to the public to solicit feedback prior to selecting a preferred route. Once SRP has conducted the public outreach, the City looks forward to reviewing the information and continuing to work with SRP to finalize a preferred option that minimizes impacts while meeting operational requirements to serve existing and future residents along with future employment opportunities developing within the southwest portion of the City. Please let me know if you have any additional questions or need further clarification on this matter.

Sincerely,

Alan Stephenson

Deputy City Manager

C:

Mayor Kate Gallego

Jeff Barton, City Manager

Josh Bednarek, Planning and Development Director

Christine Mackay, Community and Economic Development Director

Joseph Brown, Street Transportation Director

Chris Kowalsky, Deputy Director

Nate Wright, Deputy Director

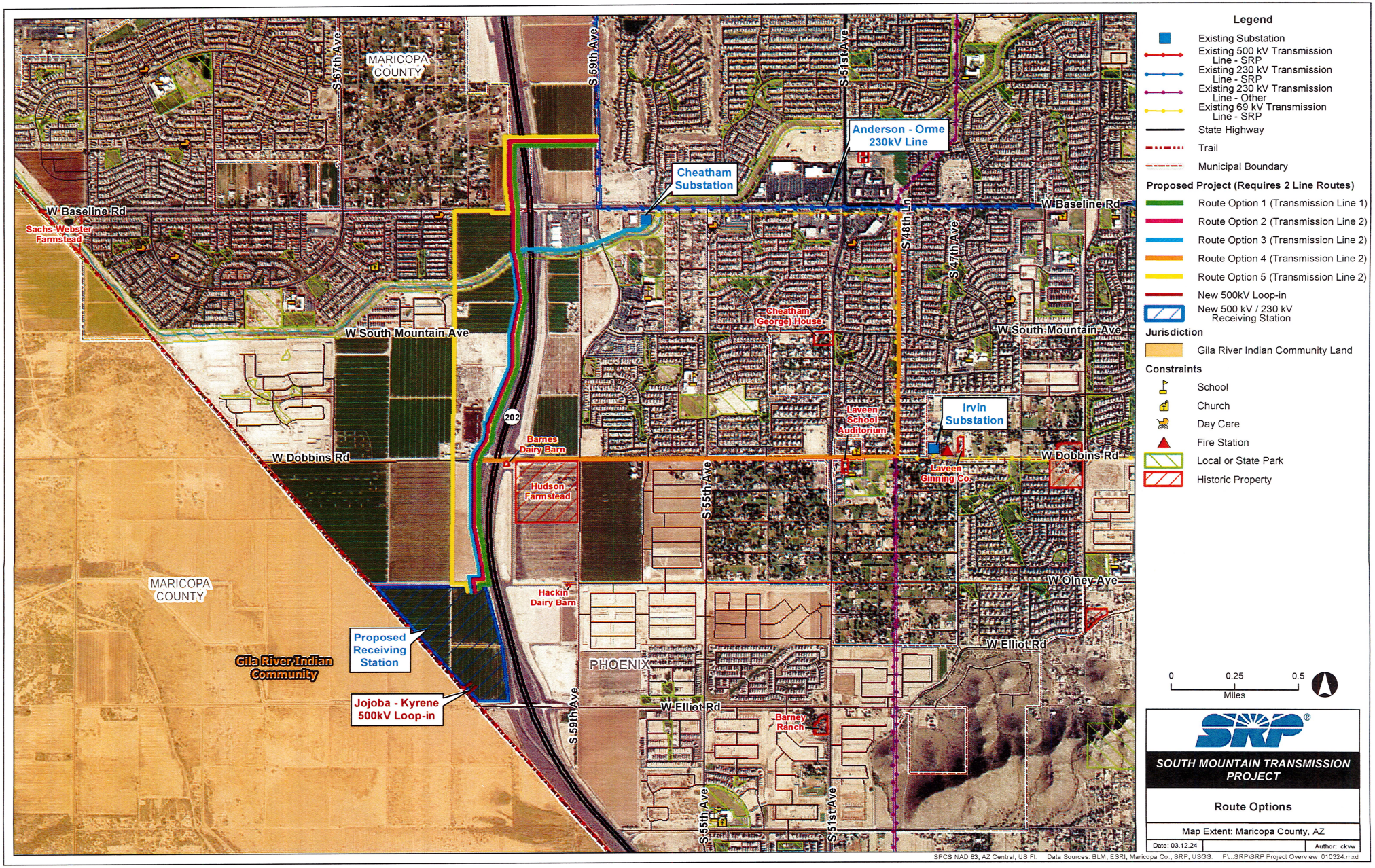
MARICOPA COUNTY
S 67th Ave
S 59th Ave
S 51st Ave
Anderson - Orme 230kV Line
Cheatham Substation
W Baseline Rd
Sachs-Webster Farmstead
S 48th Ln
S 47th Ave
Cheatham George House
W South Mountain Ave
202
Irvin Substation
Laveen School Auditorium
Laveen Ginning Co.
Barnes Dairy Barn
W Dobbins Rd
Hudson Farmstead
S 55th Ave
Hackin Dairy Barn
W Olney Ave
MARICOPA COUNTY
Proposed Receiving Station
Gila River Indian Community
PHOENIX
W Elliot Rd
Jojoba - Kyrene 500kV Loop-in
Barney Ranch
S 59th Ave
S 55th Ave
S 51st Ave
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Trail
Municipal Boundary
Proposed Project (Requires 2 Line Routes)
Route Option 1 (Transmission Line 1)
Route Option 2 (Transmission Line 2)
Route Option 3 (Transmission Line 2)
Route Option 4 (Transmission Line 2)
Route Option 5 (Transmission Line 2)
New 500kV Loop-in
New 500 kV / 230 kV Receiving Station
Jurisdiction
Gila River Indian Community Land
Constraints
School
Church
Day Care
Fire Station
Local or State Park
Historic Property
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Route Options
Map Extent: Maricopa County, AZ
Date: 03.12.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft.
Data Sources: BLM, ESRI, Maricopa Co., SRP, USGS.
F:\...SRP\SRP Project Overview_010324.mxd

EXHIBIT J-3
PUBLIC MEETING MATERIALS

EXHIBIT J-3A
PHASE 1

South Mountain Transmission Project

open house

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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

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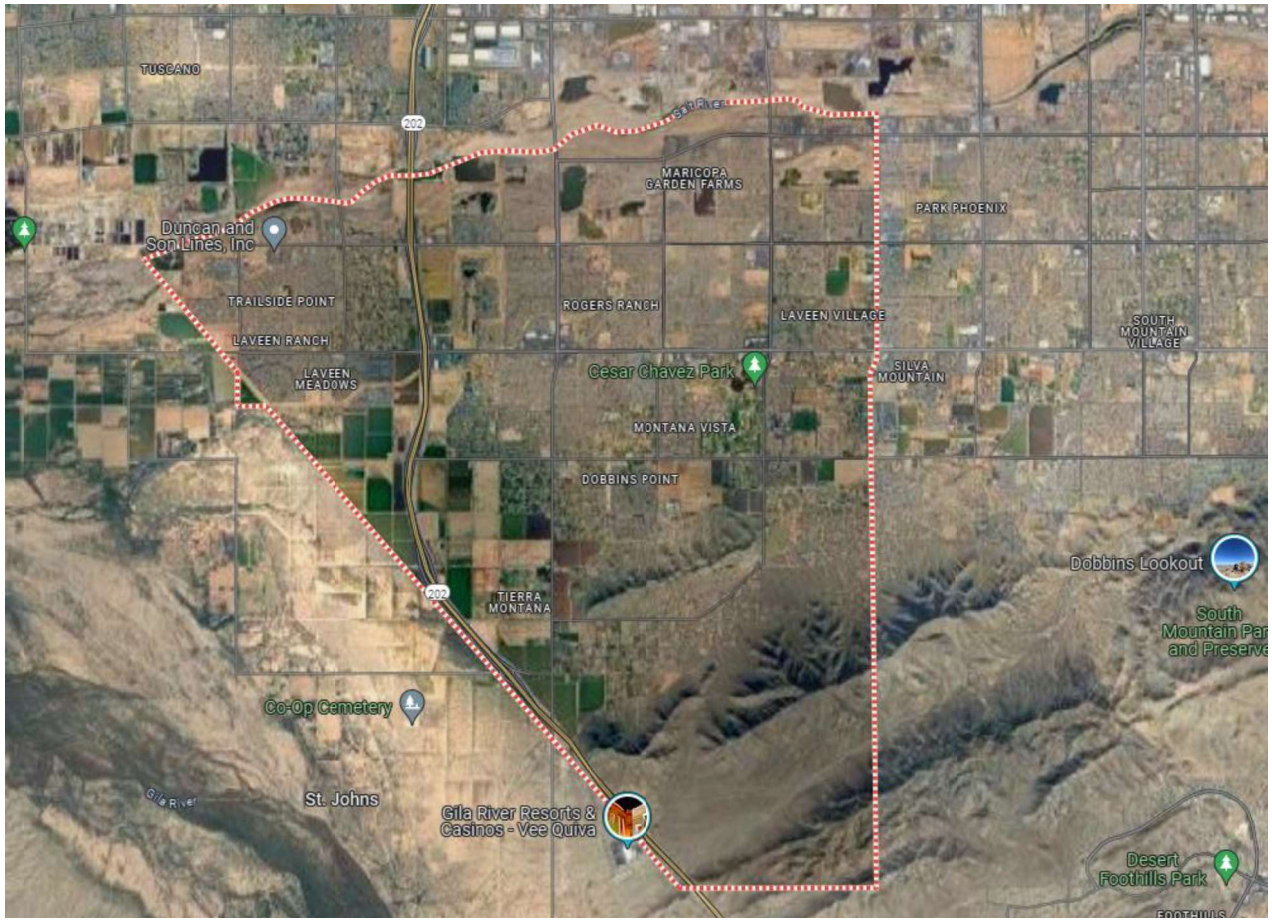
Laveen Boundary

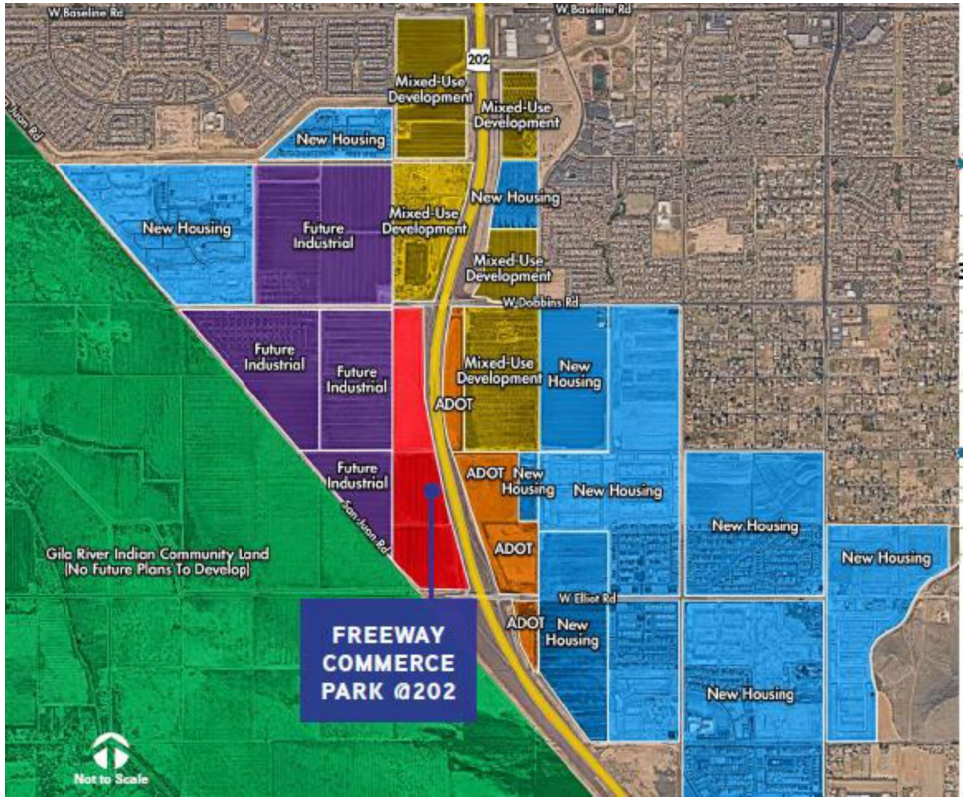


Purpose and Need

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

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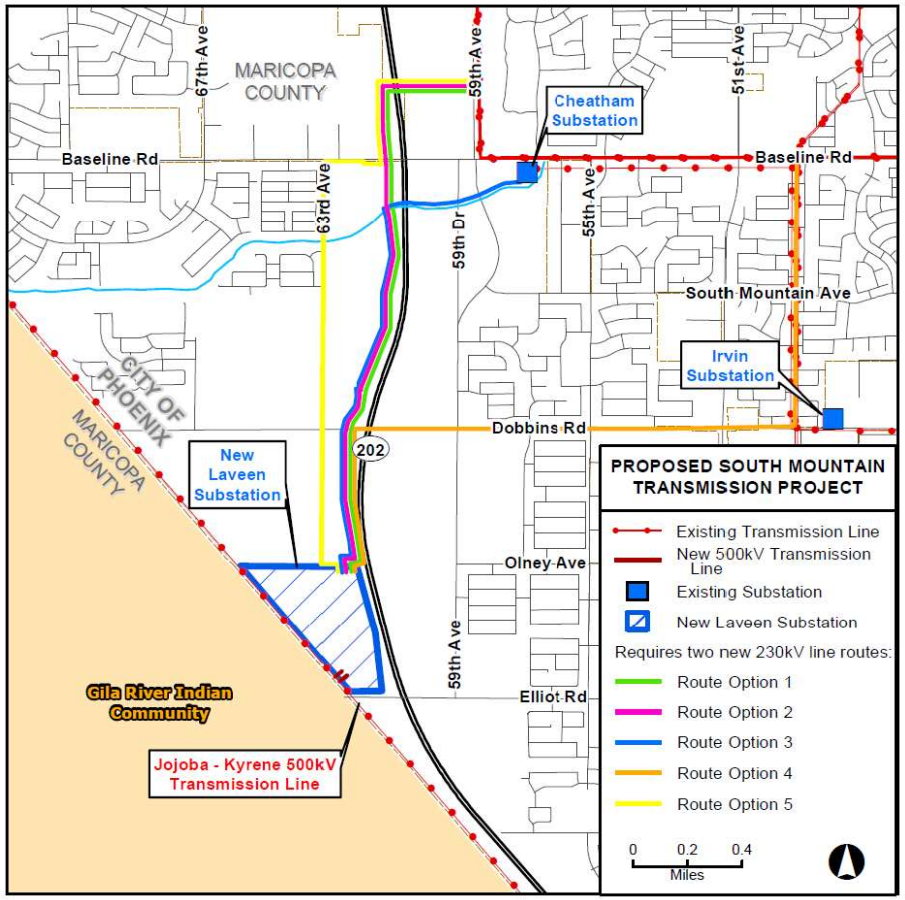
Project Description

SRP needs to construct

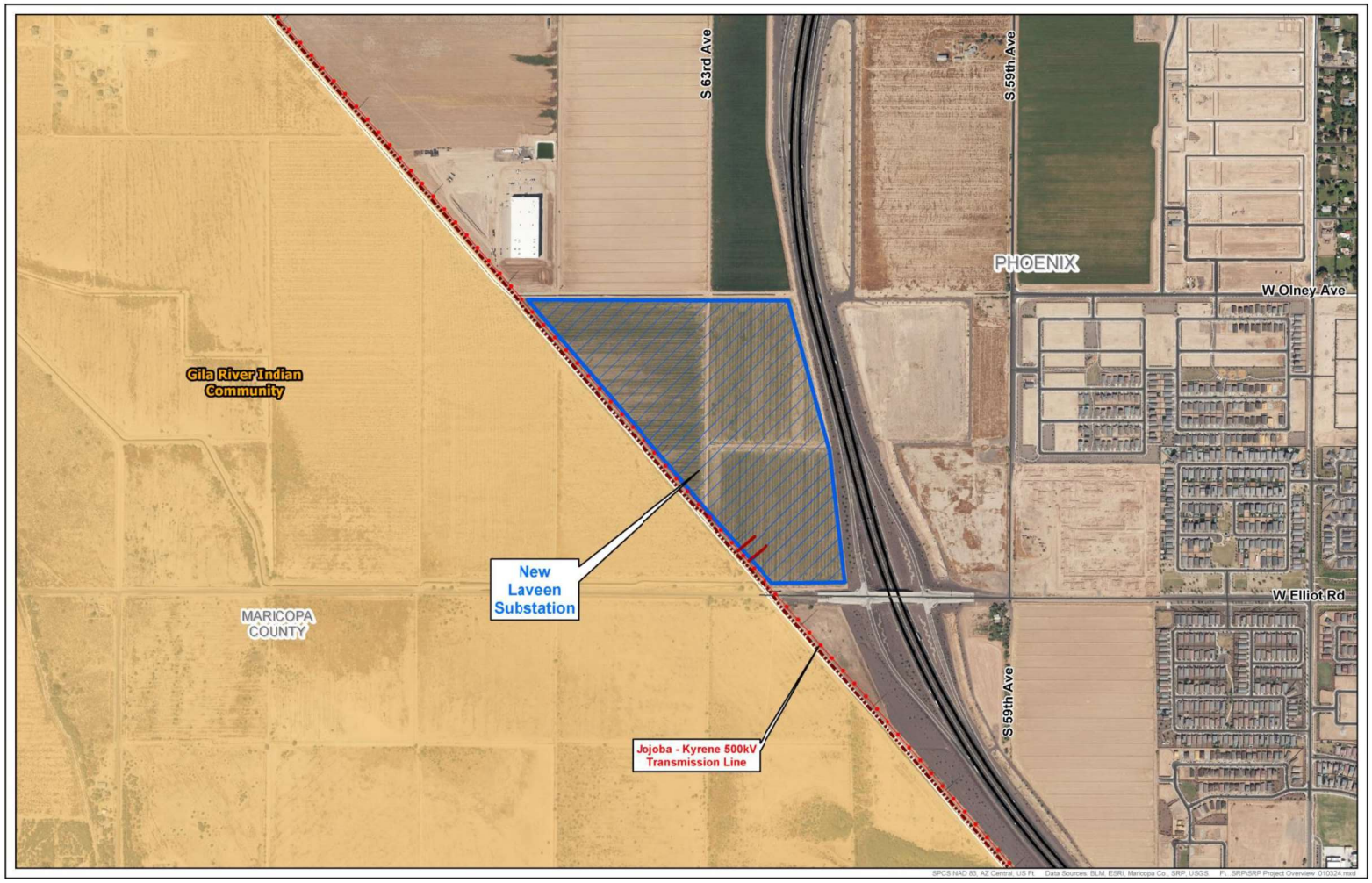
- New 500/230/69 kV substation
- Two separate sets of approximately 4 - 5 miles of new overhead double-circuit 230 kV transmission lines
- 0.5 mile of two sets of single circuit overhead 500 kV transmission lines

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**

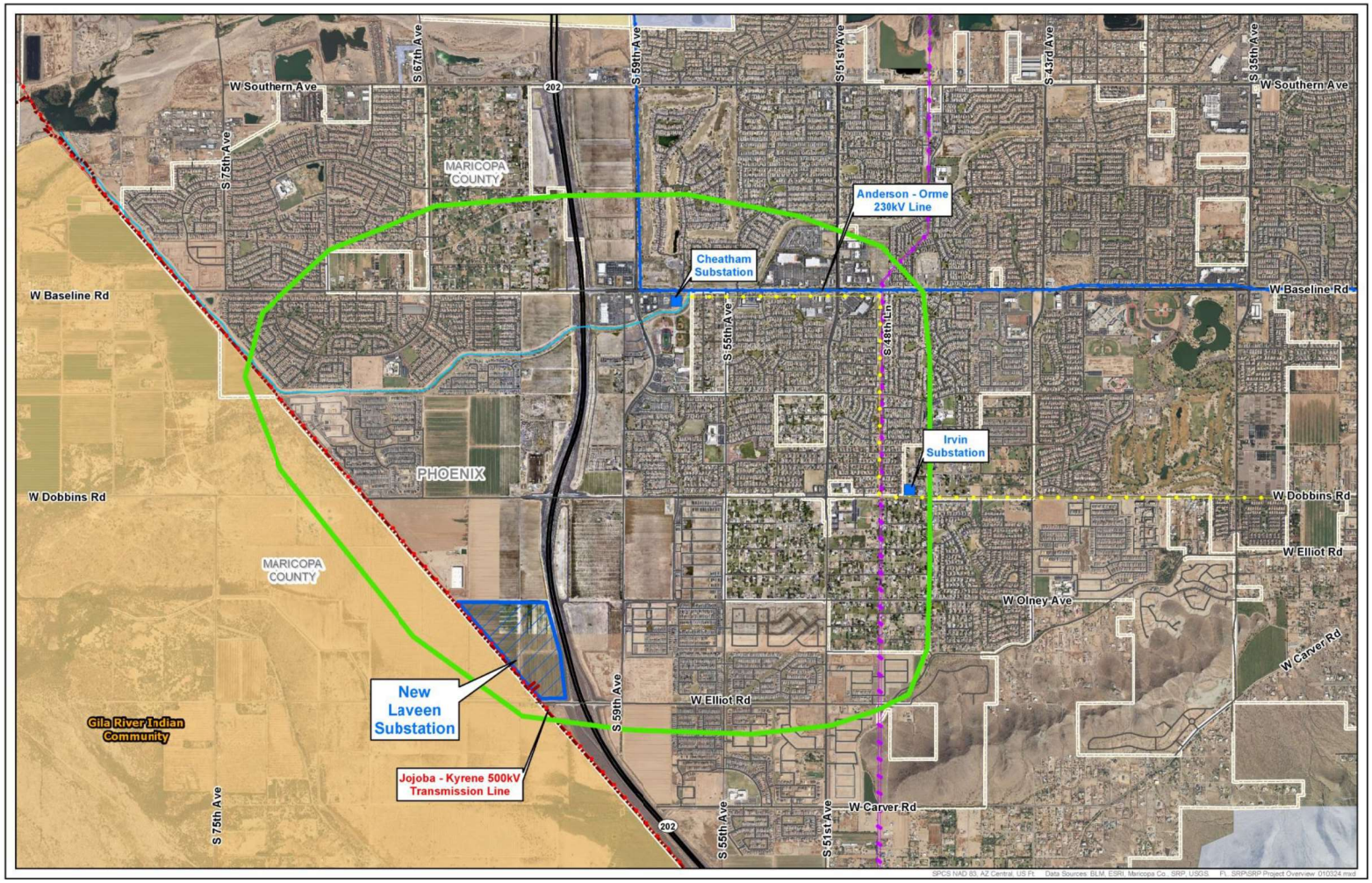




Existing 500kV Line Near Future Substation Site



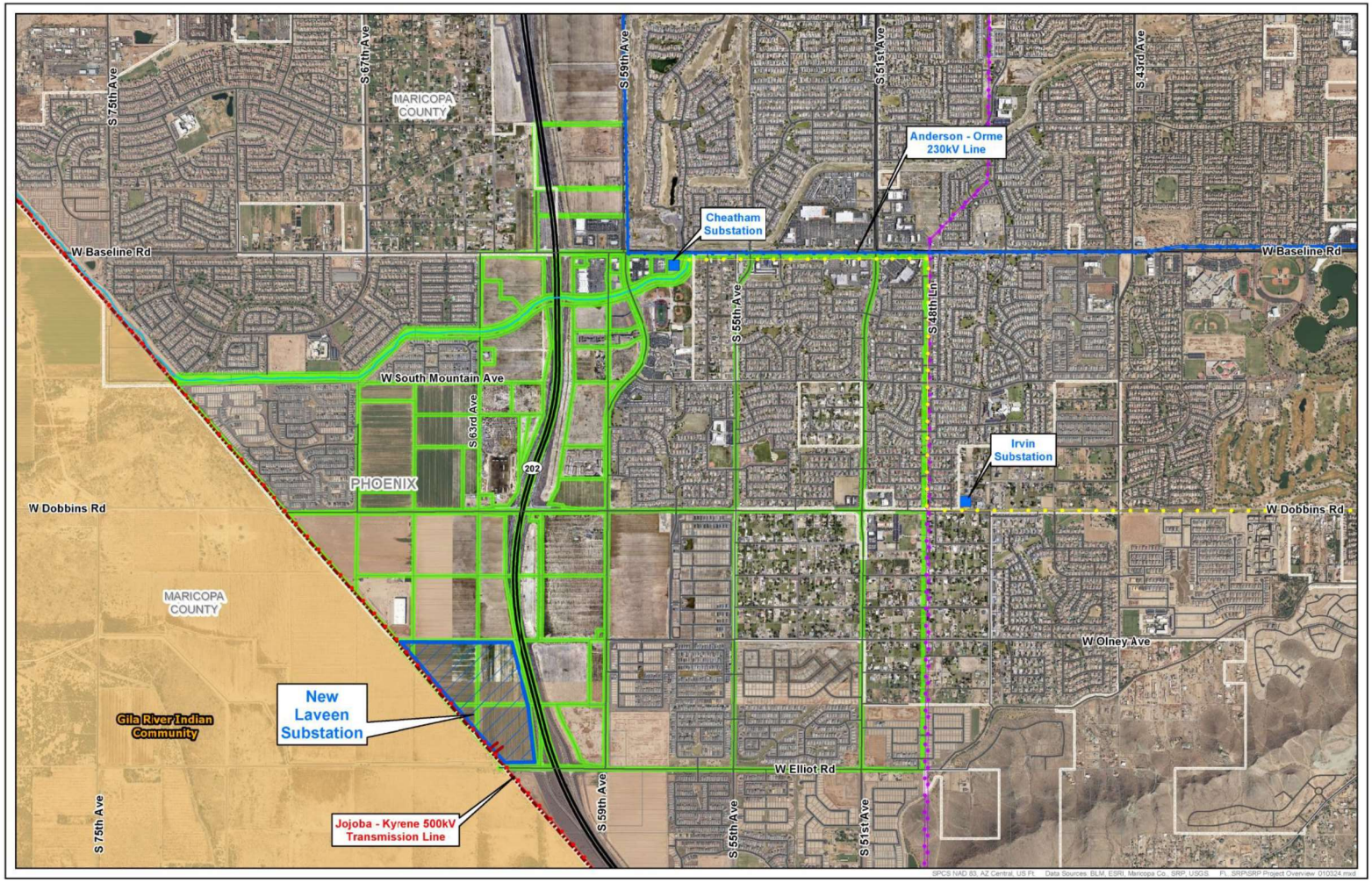
Project Study Area



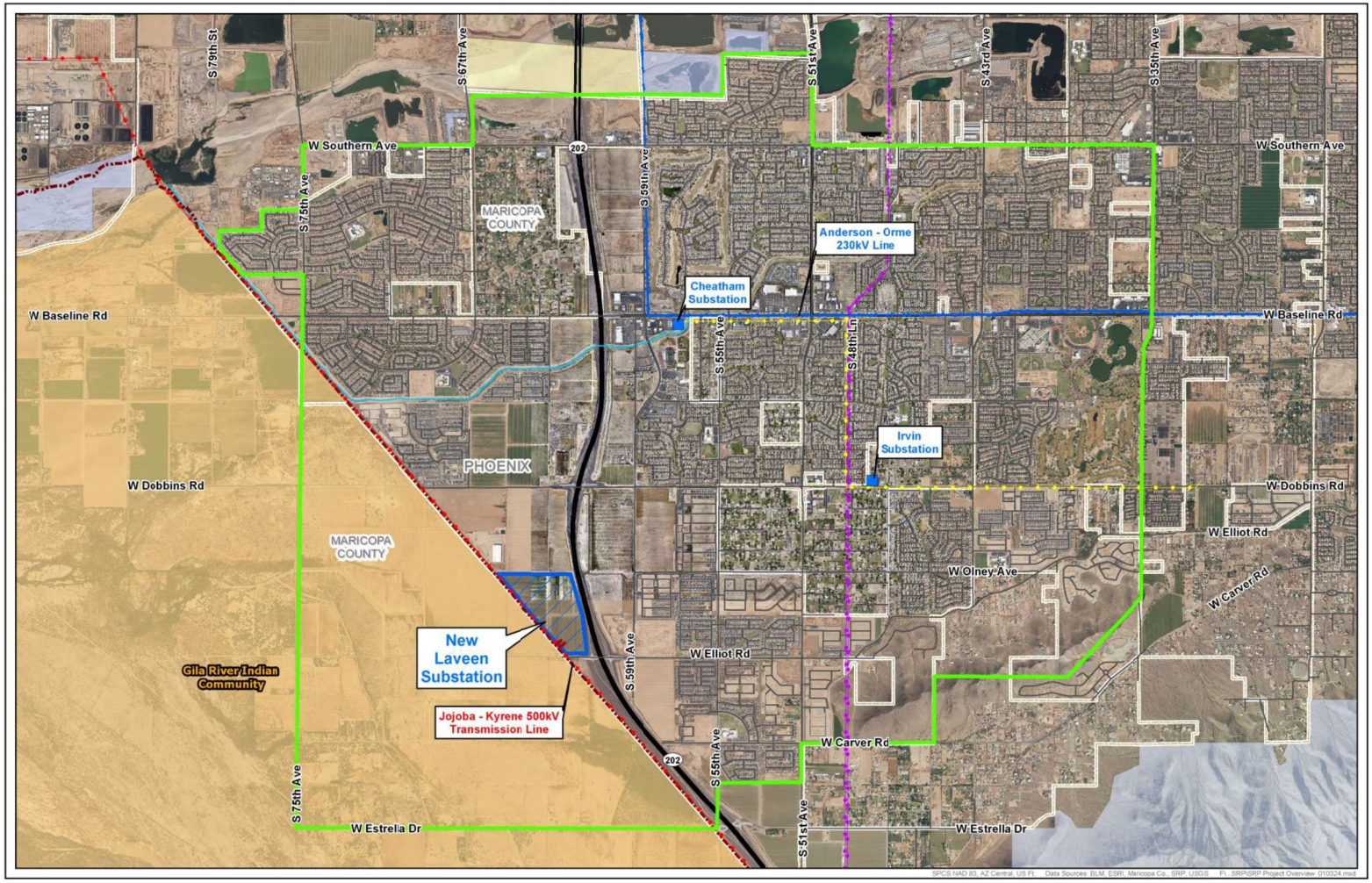
Existing 230kV Line @ Baseline Rd.



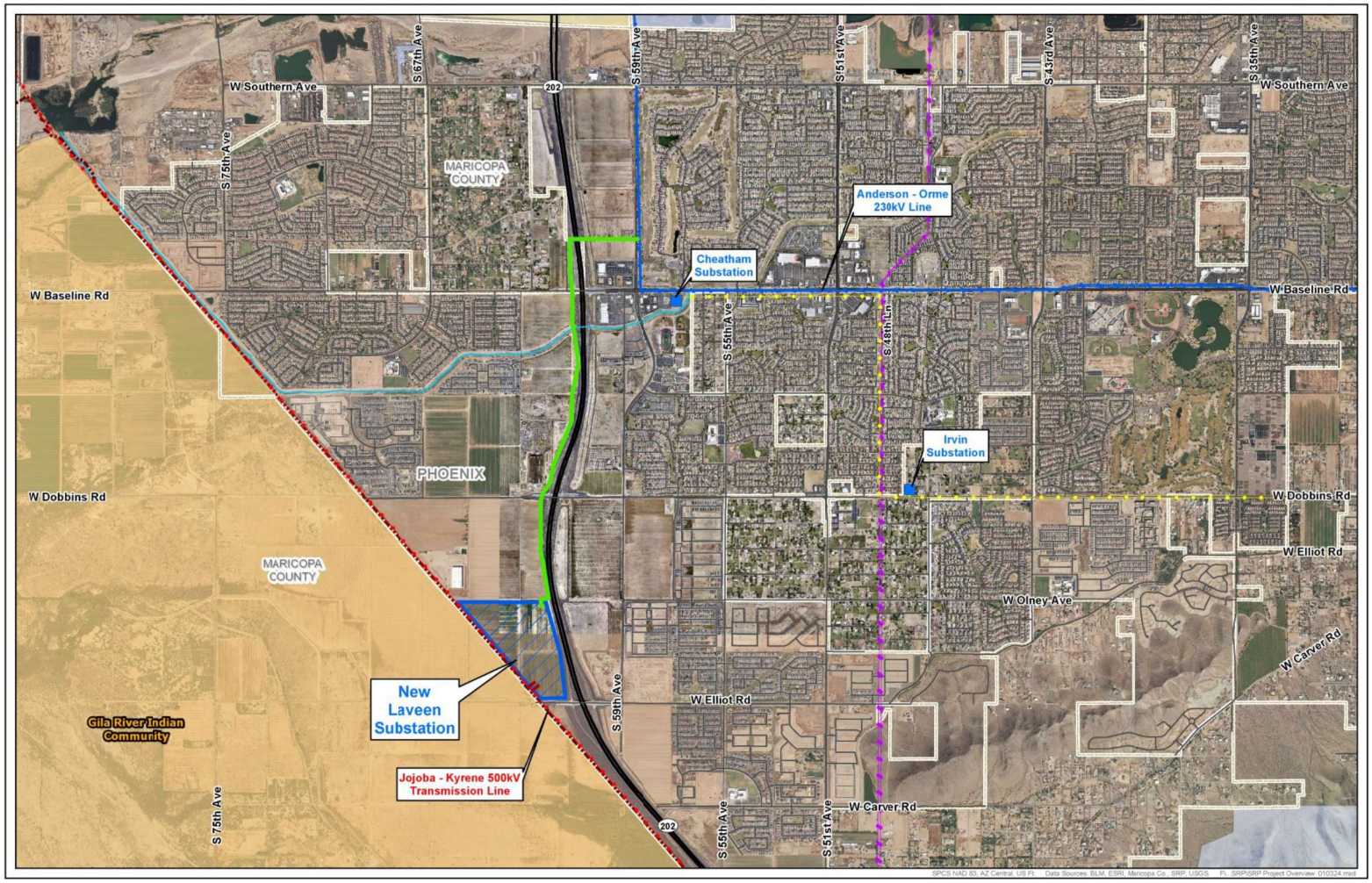
Routing Opportunities



Project Notification Area

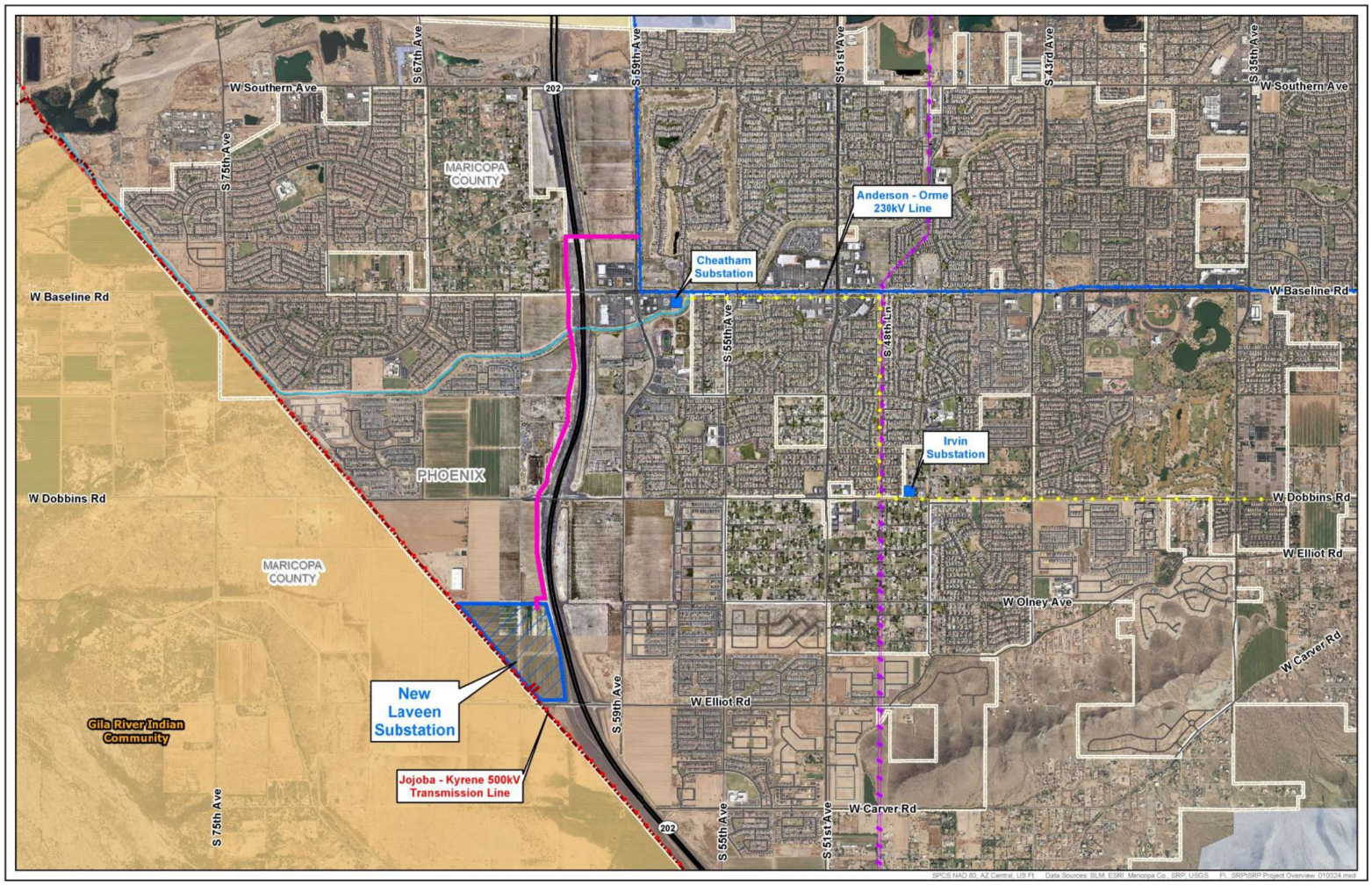


Route Option 1 (Project Requires Two Route Options)



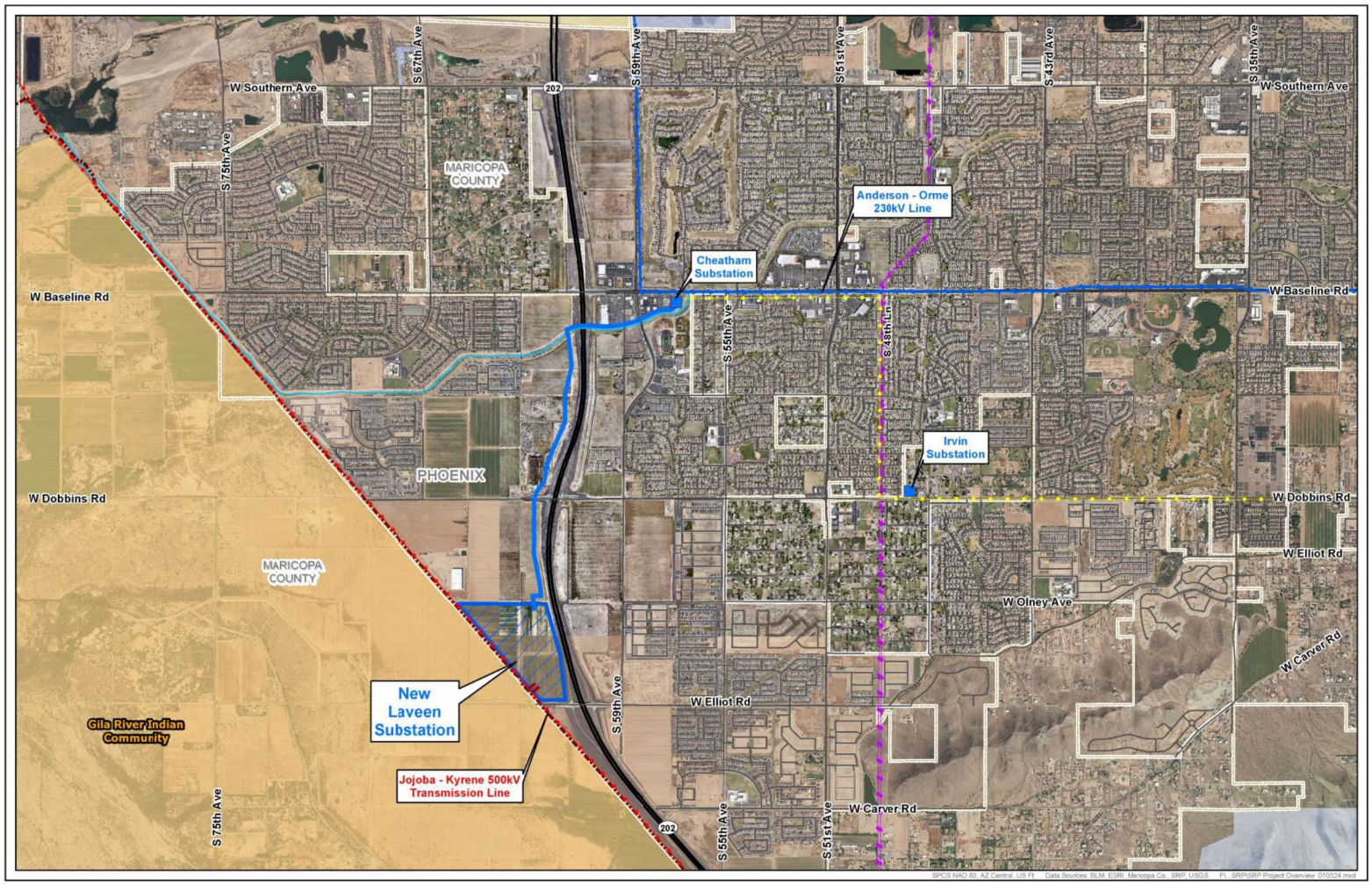
Routes subject to change

Route Option 2 (Project Requires Two Route Options)



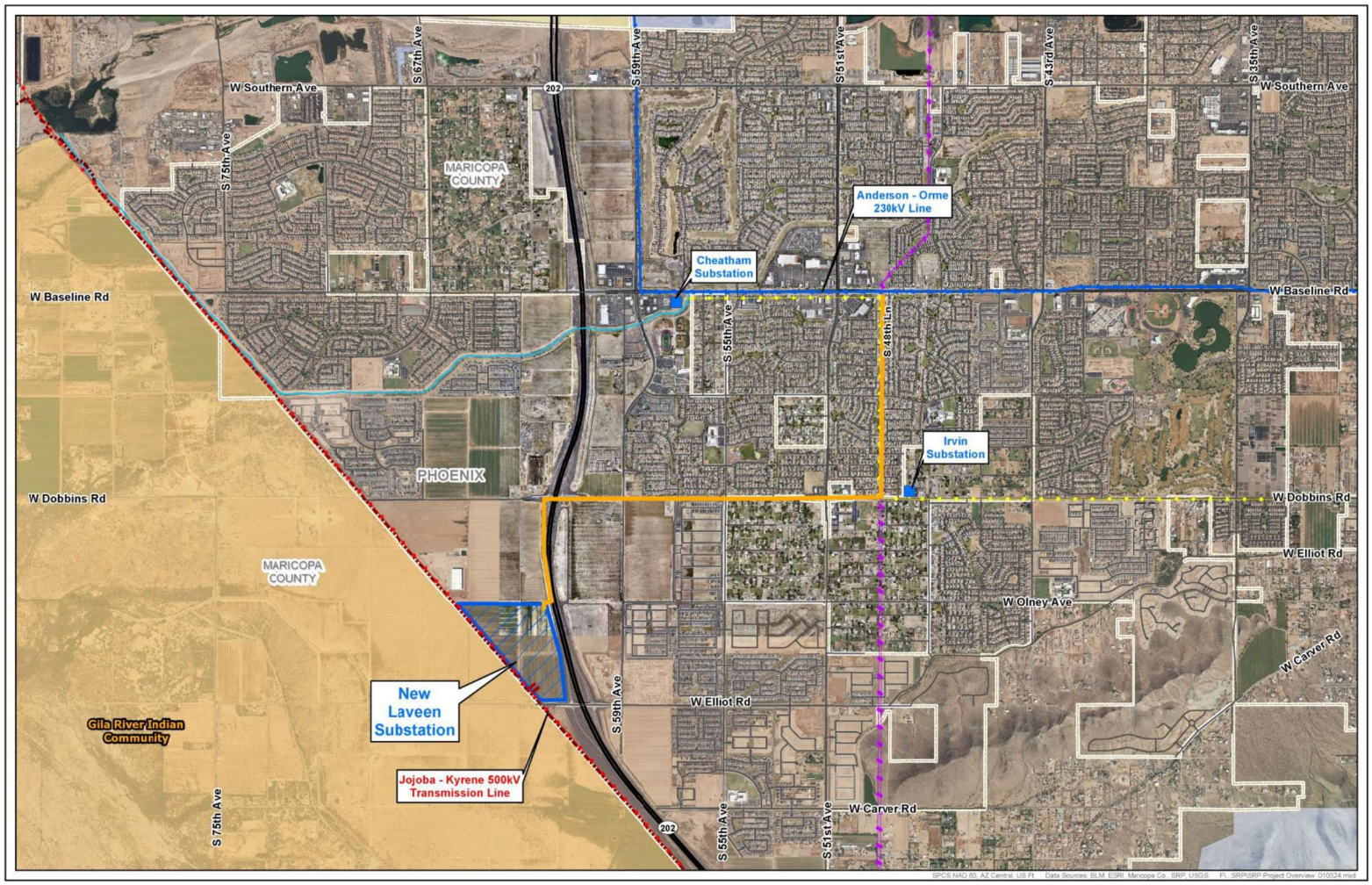
Routes subject to change

Route Option 3 (Project Requires Two Route Options)



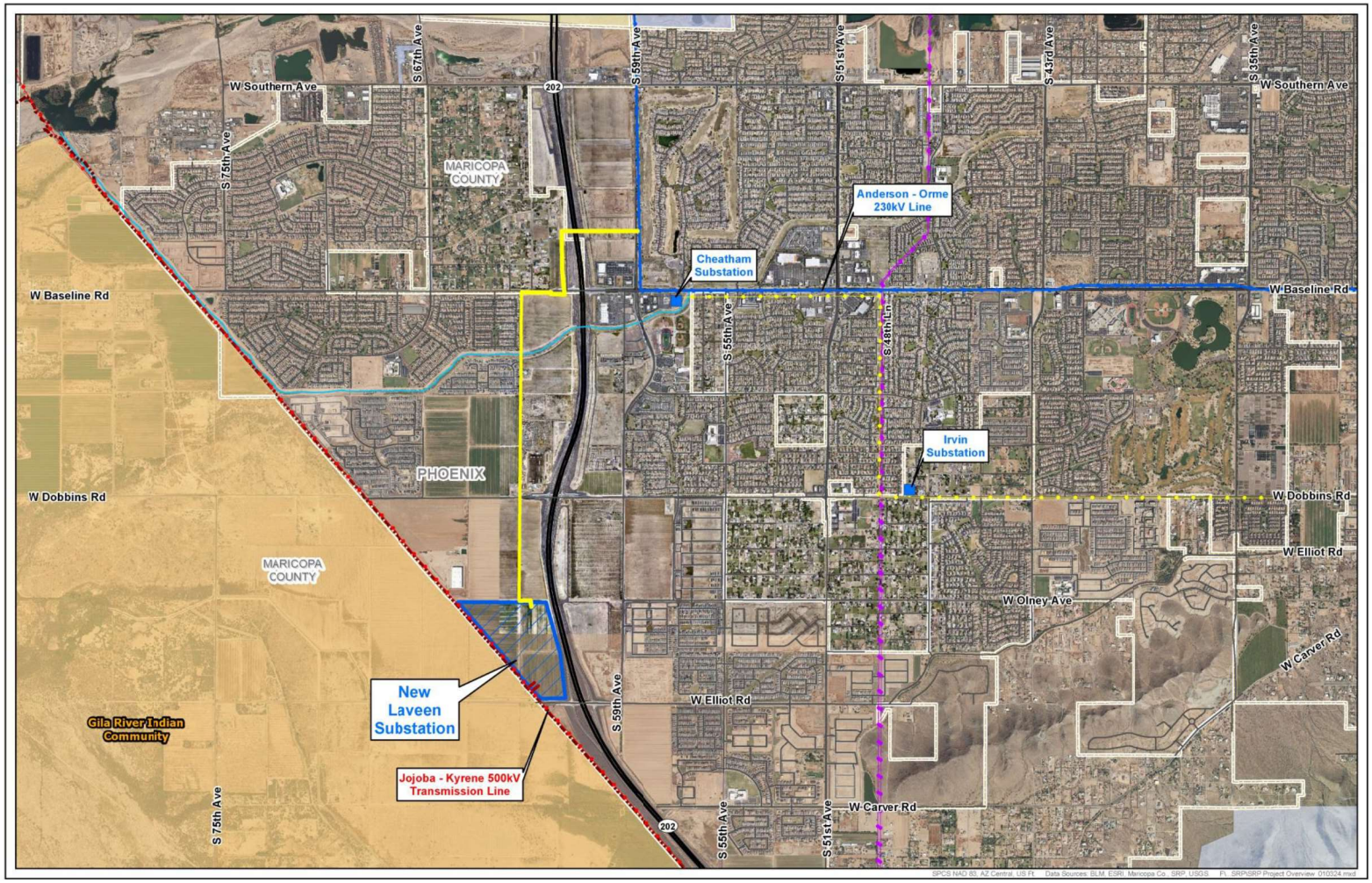
Routes subject to change

Route Option 4 (Project Requires Two Route Options)



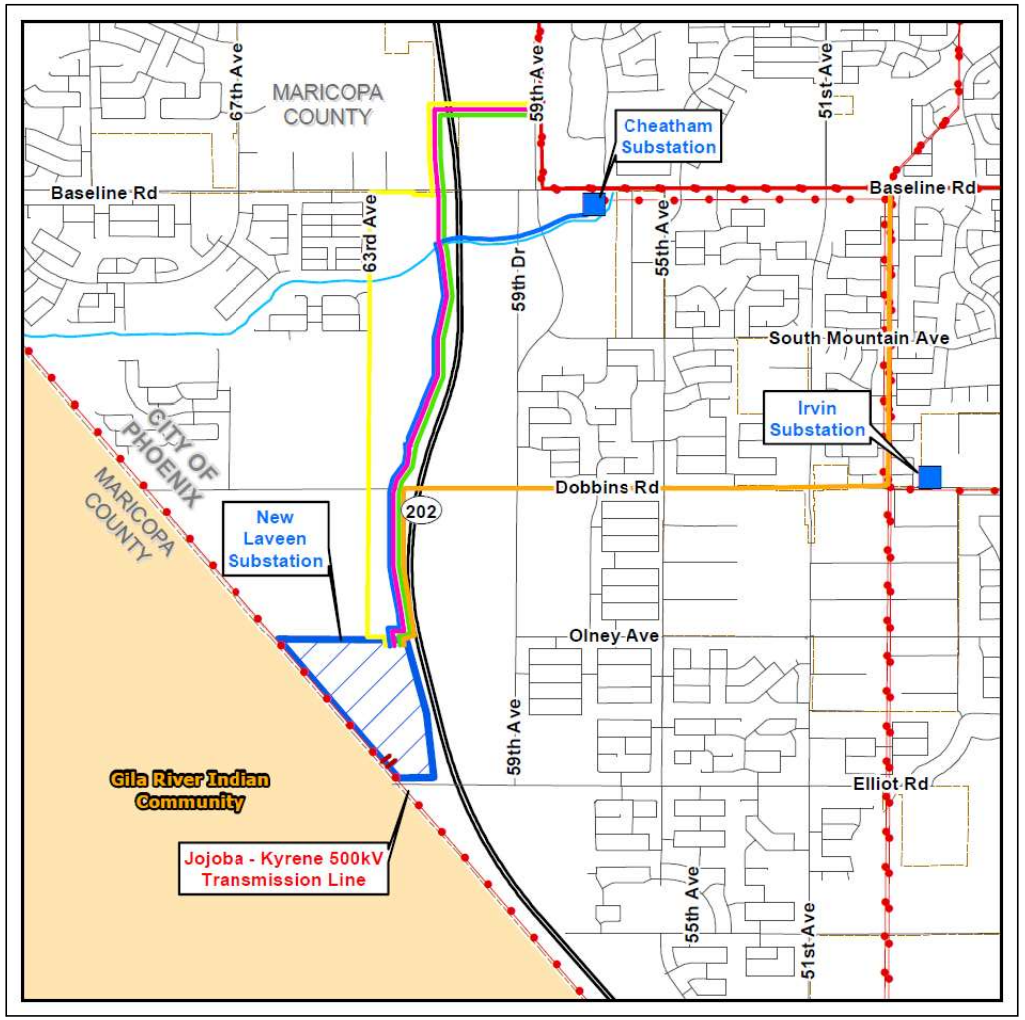
Routes subject to change

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

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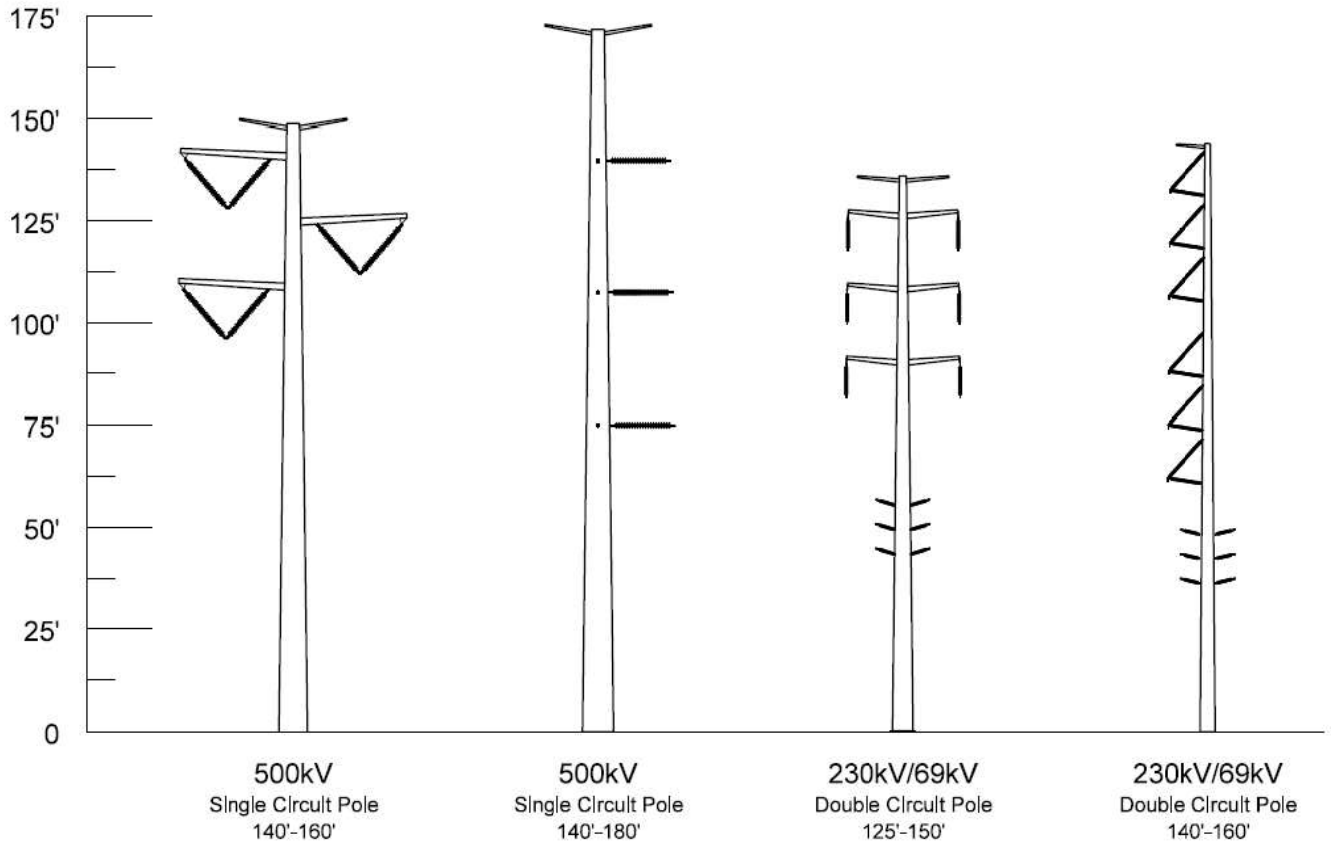
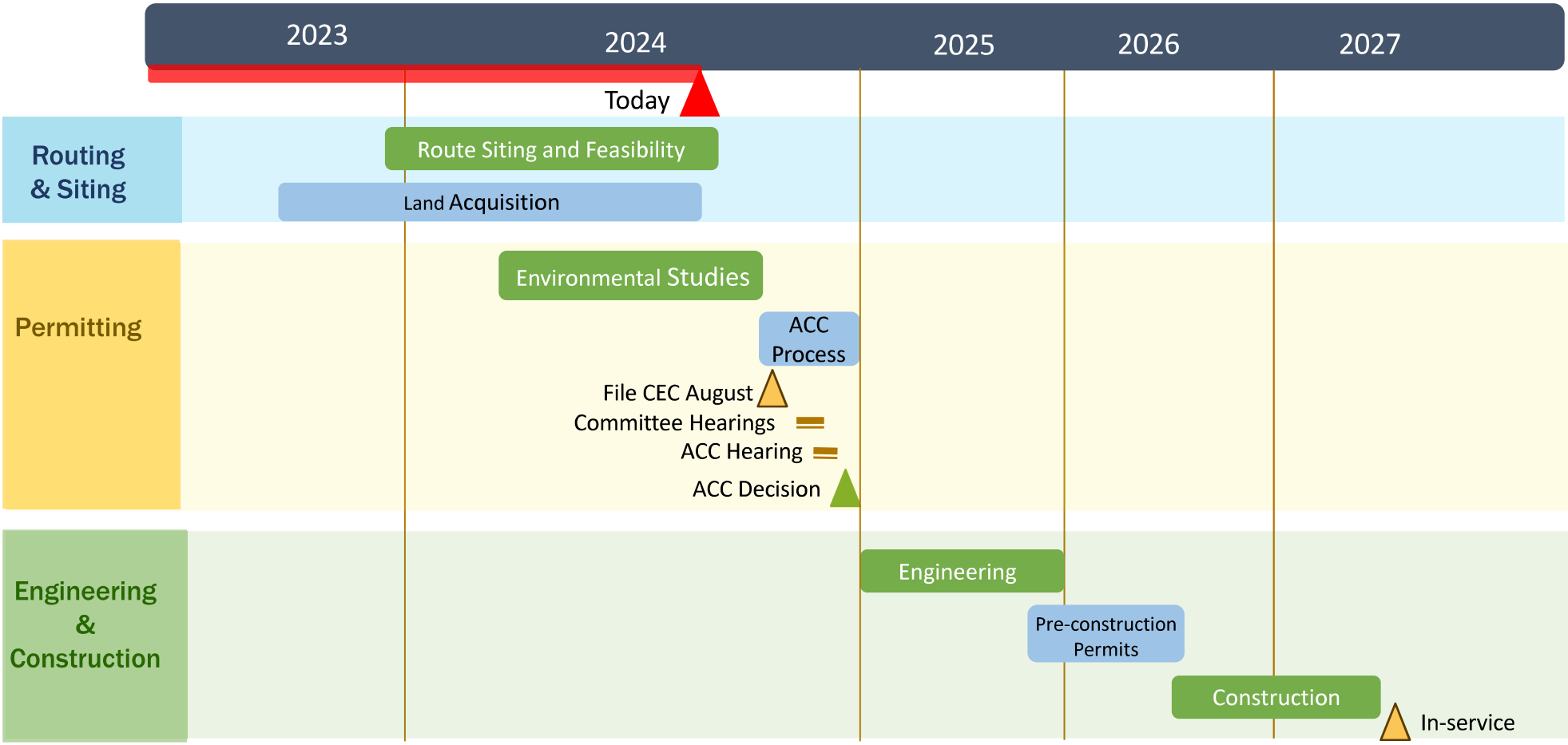
Typical Structure Types



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

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Statutory Requirements: Environmental

Air Quality

Biological Resources

Cultural and Historical Resources

Geology and Soils

Hydrology

Land Use

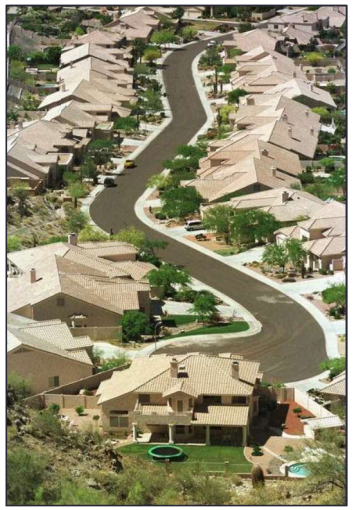
Noise

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

- Use the Q&A Feature to type in questions
- Can ask questions throughout the presentation
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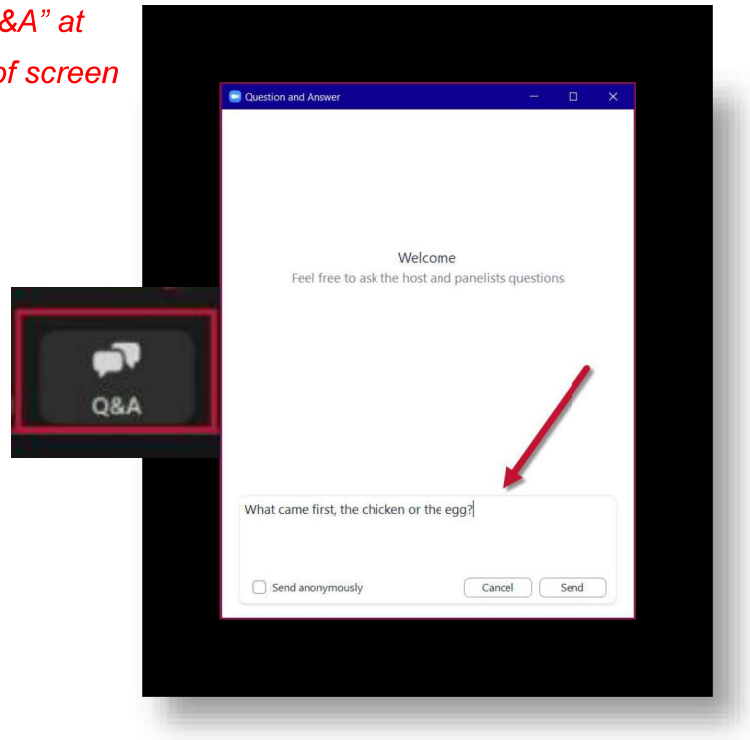
Click "Q&A" at bottom of screen



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

thank you!

Attendee Report

Topic	Webinar ID	Actual Start Time
South Mountain Transmission Project Virtual 1	849 2412 5536	5/30/2024 11:12

Attended	User Name (Original Name)	Time in Session (minutes)
Yes	Richard E.	54
Yes	Reylynna Christ	61
Yes	Brad Anderson	59
Yes	Tristan Lindquist	55
Yes	Tammy Dawn	59
Yes	James Doone	42
Yes	16025096308	10
Yes	Rodney Newsome	67
Yes	Page Gonzales	50
Yes	BLPEEK	60
Yes	AMLUPINS	58
Yes	Franklin Zyriek	63
Yes	Steve	37
Yes	derstim	52
Yes	14802310799	53
Yes	Margaret Daniels	61
Yes	Cathy Birdsong	64
Yes	Mark Adams	39
Yes	Eldin	62
Yes	Megan Tracy	14
Yes	Ernie Jackson	63
Yes	Carol Brown	67
Yes	Jesse Regnier	26
Yes	Michael	58
Yes	REGOODEN	64
Yes	Sara Ohlson	64
Yes	Luci	67
Yes	Martin Lopez Prieto	58
Yes	Rebecca Perrera	9
Yes	Matthew Sparks	65
Yes	16023183976	1
Yes	C Burke	61
Yes	Brittney Effner	29
Yes	Stephanie Carter	63
Yes	PAUGUSTIN	50
Yes	Kenyotta Kelsey	38
Yes	Melinda	55

Yes	14807215442	57
Yes	ADRENNIE	58
Yes	18176022186	58
Yes	Carolyn Watson	64

Attendee Report

Topic	Webinar ID	Actual Start Time
South Mountain Transmission Project Virtual 2	858 0265 0326	5/30/2024 16:47

Attended	User Name (Original Name)	Time in Session (minutes)
Yes	Alfredo Tejada	45
Yes	Pascal Castro	12
Yes	Nichole Skeahan	55
Yes	16025013669	54
Yes	Victoria Dean	48
Yes	Latricia	41
Yes	16025096308	50
Yes	Kenneth Lewis	41
Yes	Me Ro	30
Yes	Ian Dume	56
Yes	Dee Moore	12
Yes	M Derstine	3
Yes	Krissy Morrison	56
Yes	pes-co	45
Yes	Edward Dean	8
Yes	16022283263	1
Yes	Phyllis	51
Yes	Carlos Galindo-Elvira	29
Yes	Marc Valenzuela	52
Yes	Wanda Hedrick	2
Yes	Evelyn Torrez Martinez	33
Yes	Cathy Kennedy	54
Yes	Claudia Marlow	37
Yes	James Chow	54
Yes	Horst Schmidt	55
Yes	14805182795	27
Yes	Christine McLeod	53
Yes	Nick Vanderwey	52
Yes	iPhone	51
Yes	Shawn Gulstad	47
Yes	Marnie Reid	6
Yes	Michael Cuellar	34
Yes	Lynne Nutter	9
Yes	Dan Penton	49
Yes	Alex Osgood	30

Question Report		
Topic	Webinar ID	
South Mountain Transmission Project Virtual 1	849 2412 5536	
Question Details		
#	Question	Asker Name
1	How will this affect Laveen environmentally?	Carolyn Watson
2	Hello. There are currently transmission lines going down several community greenbelts, including the line between Baseline and Dobbins. What is their current kV? It seems as though one of the route options for the new 230kV line	Reylynna Christ
3	Hello. There are currently transmission lines going down several community greenbelts, including the line between Baseline and Dobbins. What is their current kV? It seems as though one of the route options for the new 230kV lines could go through the greenbelts. I don't believe this would be beneficial. The lines should go down main streets. Along with the 500kV lines.	Reylynna Christ
4	Of the proposed routes, route #4 makes the least sense. It is longer than the other 4 routes, and runs adjacent to many more existing residential homes. I would approve of any route EXCEPT route 4.	Stephanie Carter
5	Also, someone from SRP let us know that the new lines could go by Laveen Elementary. I do not see this on the map. Can you explain this.	Reylynna Christ
6	Is there going to be any kind of vote for the best route?	Cathy Birdsong
7	The less powerlines by homes, would be better. How much kV would you be adding to the 40th street Greenbelt powerlines?	Reylynna Christ
8	Do these options require SRP taking / buying additional land? Is this more or less if placed on the freeway vs. 63rd Ave. Trying to understand the impact to potential development.	Brad Anderson
9	I object and reject Option 4, going down through Dobbins point. The Laveen community is experiencing high growth which is changing the character fo the community, we the residents feel the impact. Adding the power lines on Dobbins will furhter change the communitie's character.	Martin Lopez Prieto
10	how much property is needed if it is along a road?	Brad Anderson
11	So route 4 is so that you guys have to buy less land and apply for fewer permits? That is not sufficient reason to run lines literally through my backyard. I would move away from Laveen entirely.	Stephanie Carter
12	In my opinion, the greenbelt is not the space to further take land from. We have playgrounds in those areas as well as space for walking, and other recreational areas. I do not want to see a dirt road going down my greenbelt.	Reylynna Christ
13	Would the poles along the 202 be on private land or in the ADOT property?	Brad Anderson
14	As the President of my HOA at Silverado Ranch, this would not be something my community would want.	Reylynna Christ
15	Speak to possible health effects (cancer, nervous system, etc) of exposure to the proposed transmission project. Is it possible to place poles away from residential areas?	Margaret Daniels
16	Are you considering a beautification plan so that this is not an eyesore to the surrounding communities, as we did not plan on this being there	Matthew Sparks
17	Is there an estimate on the cost of the project and how it could effect residential consumers?	Tristan Lindquist
18	Magnitude level of magnetism matters significantly. Further away is better. There is no safe level established. So WHY are you trying to run these literally outside my backyard wall? You may be unconcerned about it, but do you literally live under it?	Stephanie Carter
19	Those power lines go right over our community playground.	Reylynna Christ
20	It seems to me if you want 2 only green and red make sense, unless you want to disrupt and blemish the esthetics of 2 separate neighborhoods	Matthew Sparks
21	Thank you for acknowledging the route 4 comments and questions.	Reylynna Christ
22	Will any of these lines have 3 bundle conductors? Will that be reserved for the 500 line?	Reylynna Christ
23	Are these new power lines noisy? I have experienced hearing a humming noise coming out of high tension power lines.	Martin Lopez Prieto
24	I'll be honest. This seems more like an hour long statement by SRP. Not really answering those "tough to chew" questions. Thank you for the attempt.	Matthew Sparks
25	WIth regard to Route Option 4 and its location being directly adjacent to residential districts, what will be used to reduce the significant health risks to the populations? It directly has an impact on all individuals who live there.	Margaret Daniels
26	I also have issues with the noise. I can audibly hear the existing 230 line, it's horribly aggravating. Again, I will literally leave this town as soon as it is possible to sell my house. We have 4 gifted autistics in our house, and yet again, line 4 is literally adjacent to my house. It IS NOTICEABLE.	Stephanie Carter
27	The houses are fairly close to the powerlines going down the greenbelt. Please do not put the new line down this area. I can't stress that enough for my community. Thank you for having this.	Reylynna Christ

Question Report		
Topic	Webinar ID	
South Mountain Transmission Project Virtual 2	858 0265 0326	
Question Details		
#	Question	Asker Name
1	Will the substation house batteries?	Pascal Castro
2	will my property value be impacted?	Evelyn Torrez Martinez
3	how many acres will the station take up? and what are the plans, if any for the balance of the property?	Dan Penton
4	What is the difference between the red and green routes?	Nick Vanderwey
5	can the lines be undergrounded ?	Dan Penton
6	will SRP build out the roads and infrastructure which would normally be completed with any other development>	Dan Penton
7	Does SRP already have enough power for what has been approved by the city of Phoenix or will these developments be delayed until this station is complete.	iPhone
8	What happens if commercial or residential expansion is planned in Lavene, but SRP doesn't instaal the additional transmission and distribution line?	Phyllis
9	If the ROW is 100' wide, but towers are 140-160' tall, what happens should the towers fall into residential areas? What safety measures will you have in place?	Horst Schmidt
10	I support the route along the freeway. Dobbins is a scenic corridor, 63rd Ave is residential, a future school and the Laveen Village Core, which are not preferred due to impacts on residential and approved developemt which would be impacted due to the 100foot easement.	Dan Penton
11	yes	Dan Penton
12	when you say affordable... does that mean our electrical will be more affordable to us, your customers?	Cathy Kennedy
13	are this routes connected to the construction in central?	Evelyn Torrez Martinez

Welcome

City of Phoenix South Mountain Freeway Plans

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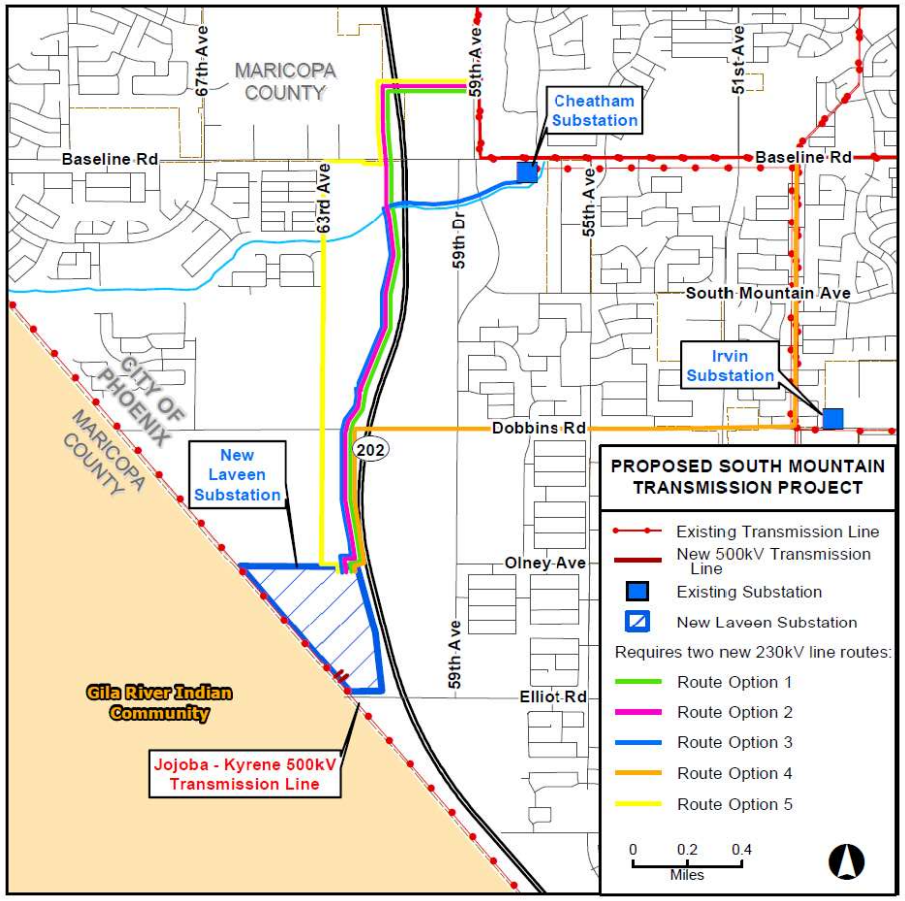
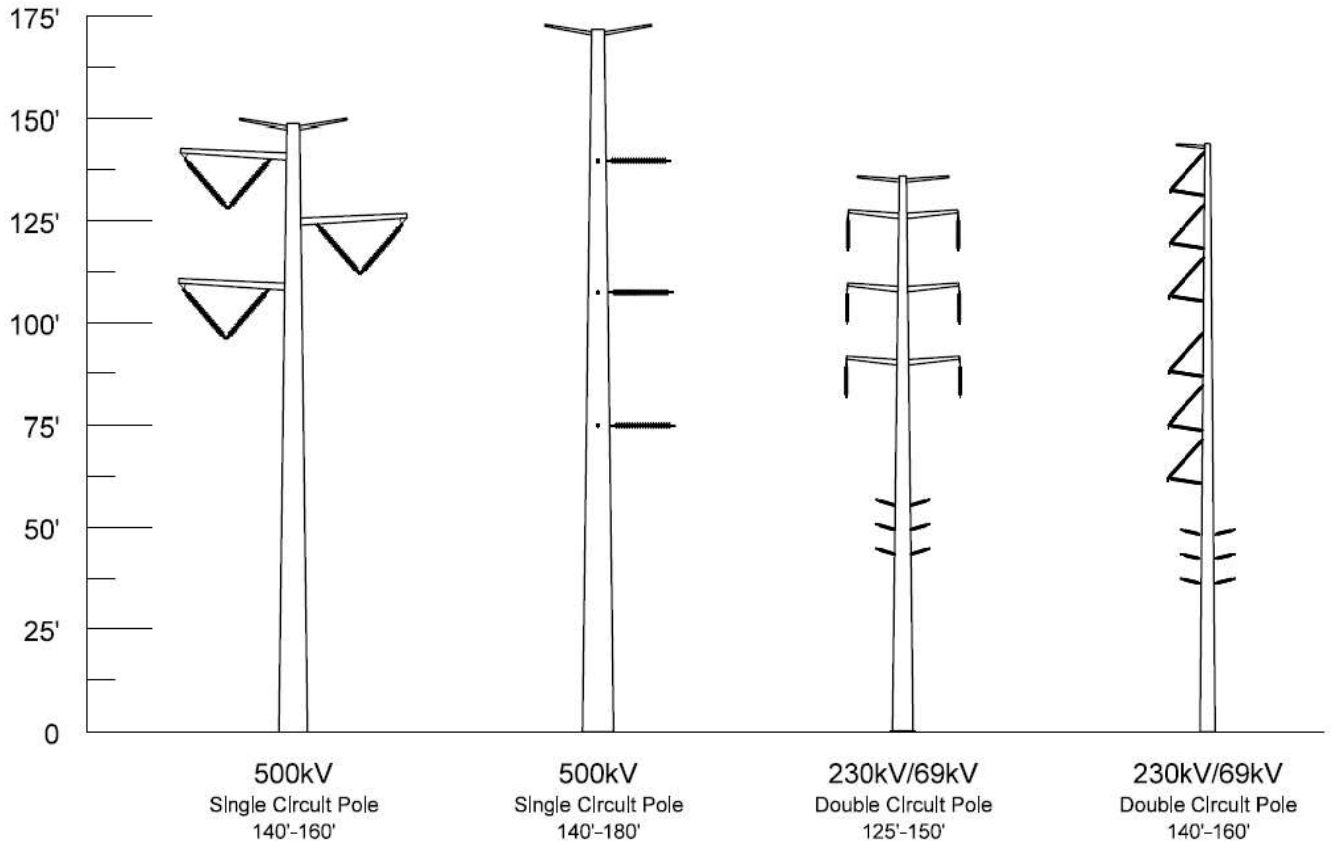


Typical Structure Types



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

Potential Structure Types

230 kV poles examples with 69 kV underbuild

Typical height 120-160 feet tall

***Will require a CEC from ACC**



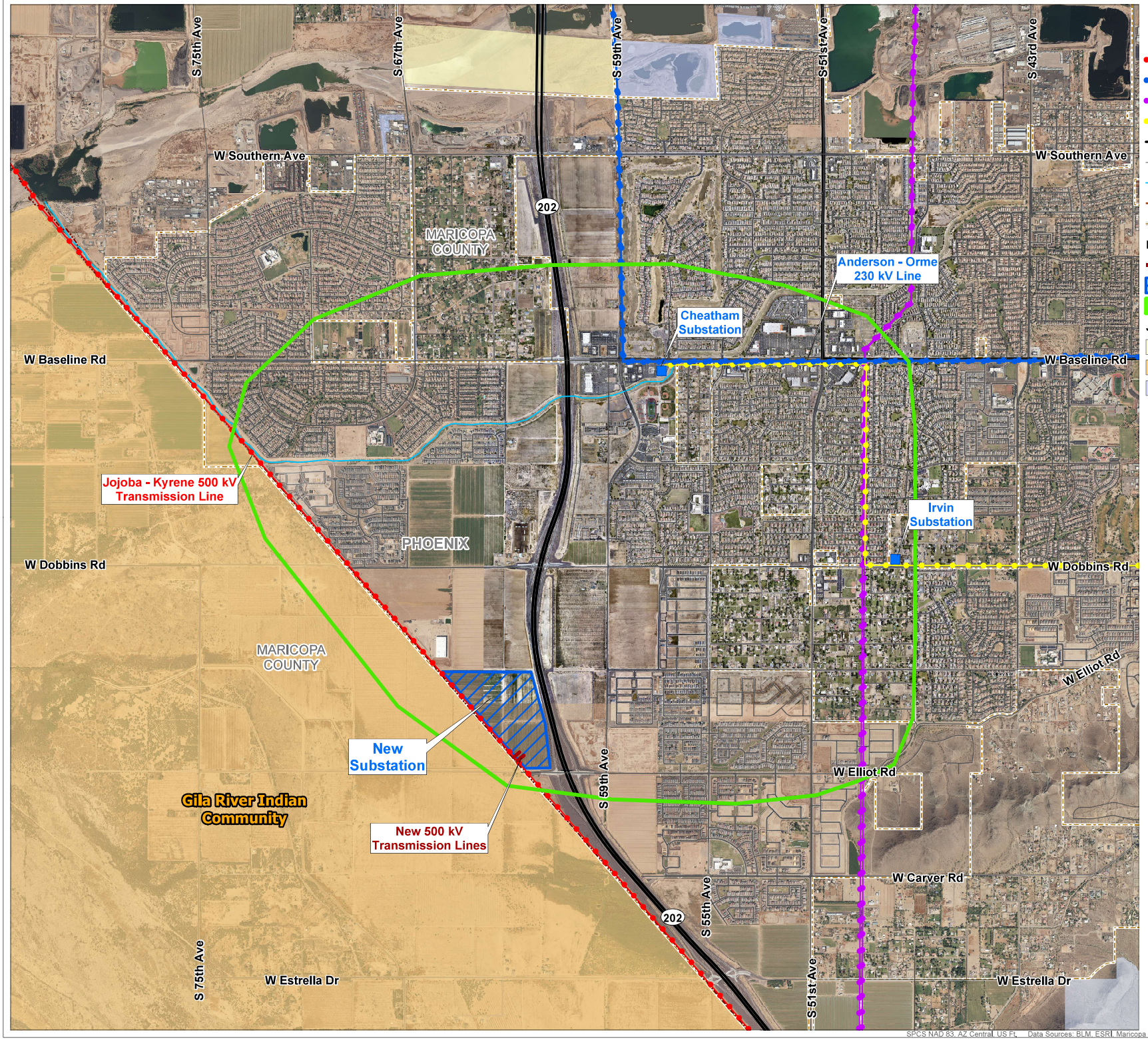


Existing 500kV Line Near Future Substation Site



Substation Example

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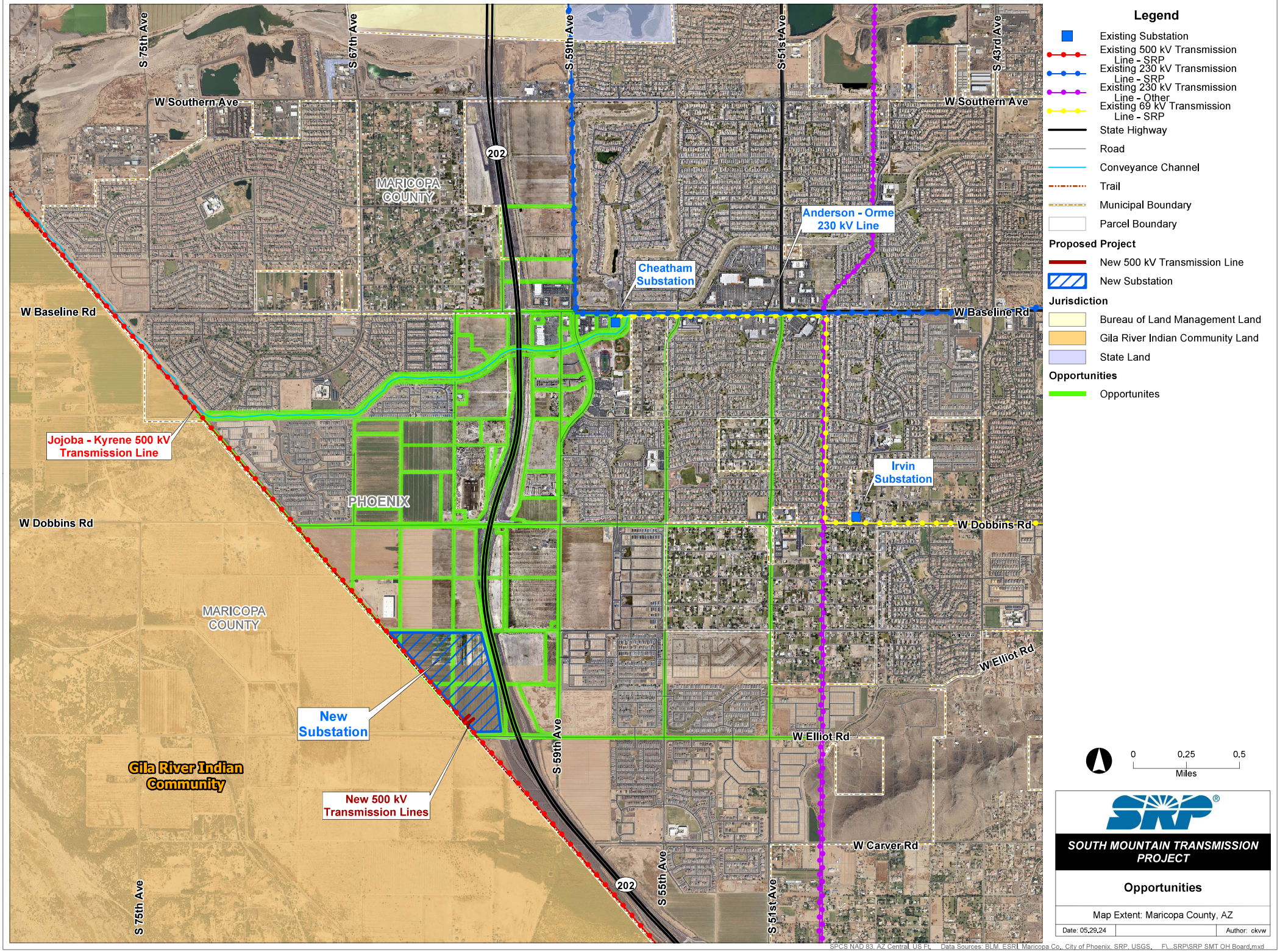
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
W Southern Ave
202
MARICOPA COUNTY
Anderson - Orme 230 kV Line
Cheatham Substation
W Baseline Rd
Jojoba - Kyrene 500 kV Transmission Line
Irvin Substation
PHOENIX
W Dobbins Rd
MARICOPA COUNTY
W Elliot Rd
New Substation
Gila River Indian Community
New 500 kV Transmission Lines
S 55th Ave
W Carver Rd
W Estrella Dr
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Project Study Area
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Project Study Area
Map Extent: Maricopa County, AZ
Date: 05.29.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS. F:\...SRP\SRP SMT OH Board.mxd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Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
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Conveyance Channel
Trail
Municipal Boundary
Parcel Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Opportunities
Opportunites
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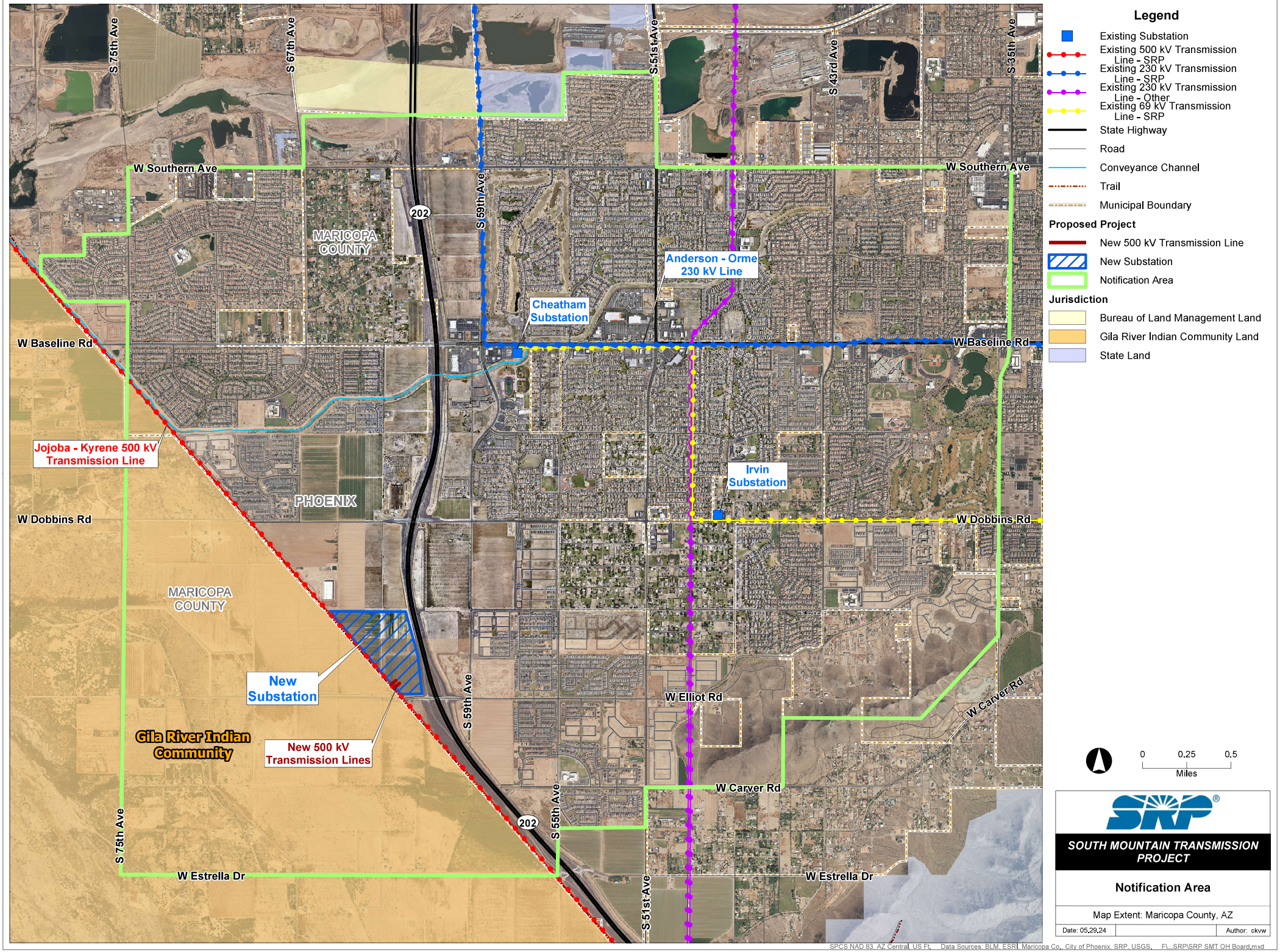
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Opportunities
Map Extent: Maricopa County, AZ
Date: 05.29.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS, F:\...SRP\SRP SMT OH Board.mxd


Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Notification Area
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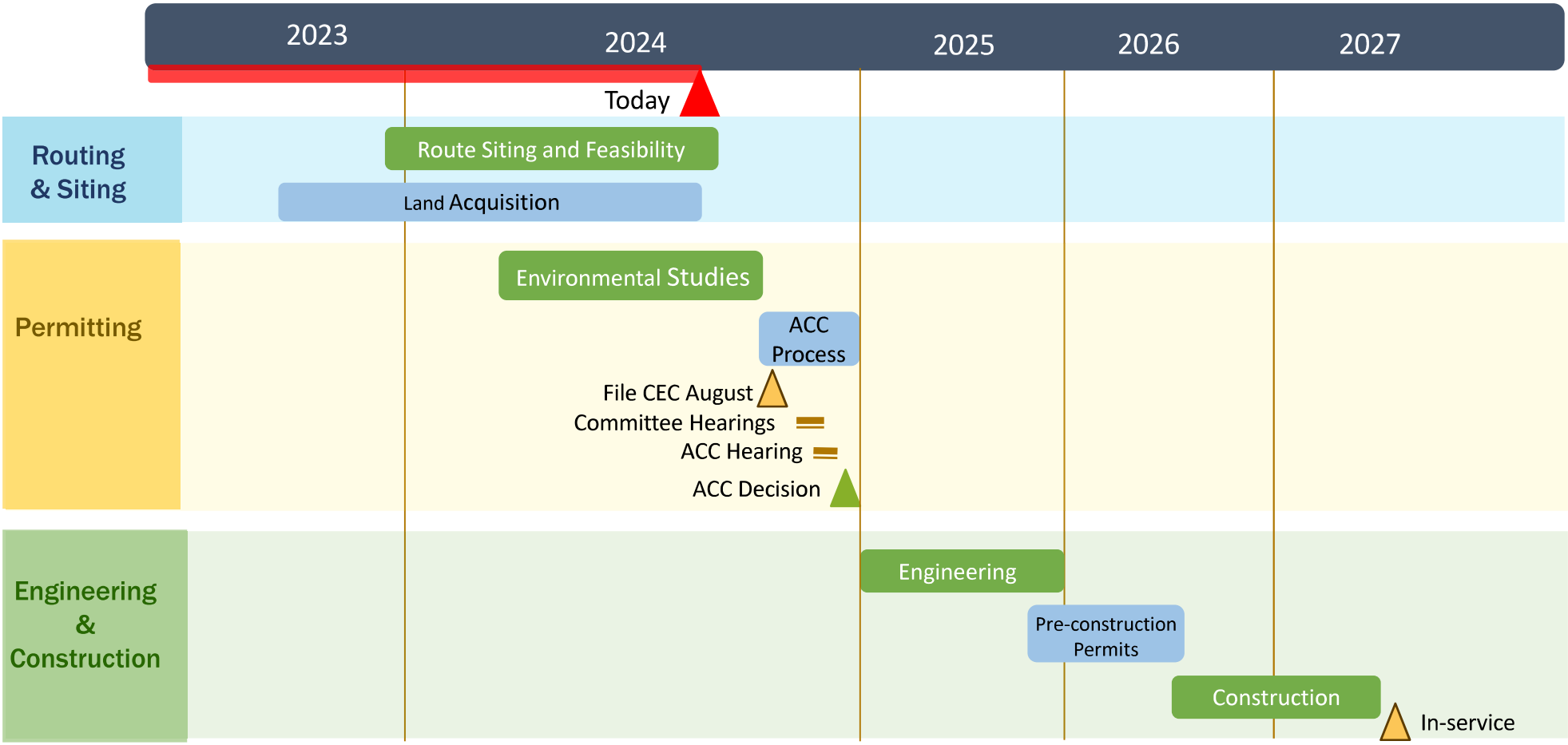
F:\...SRP\SRP SMT OH Board.mxd

Development Timeline



Statutory Requirements: Environmental

Air Quality

Biological Resources

Cultural and Historical Resources

Geology and Soils

Hydrology

Land Use

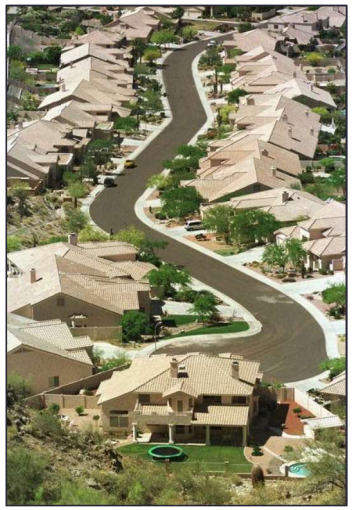
Noise

Recreation

Visual and Aesthetics



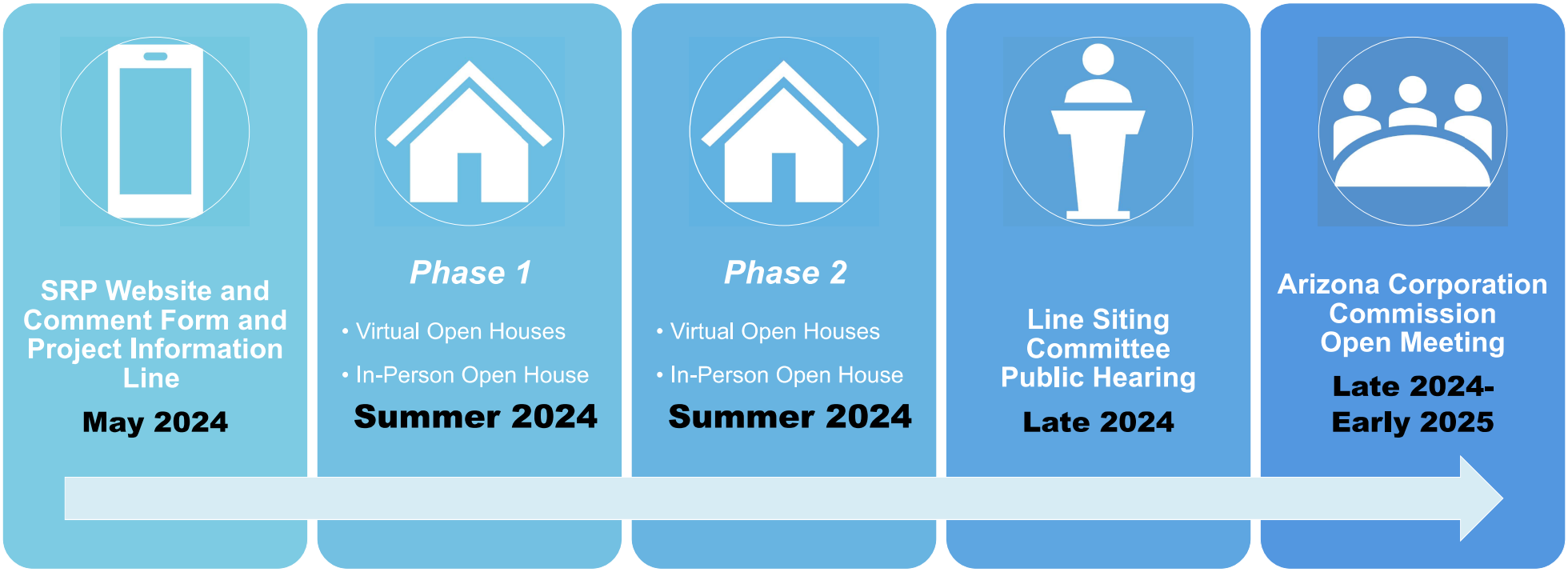




Arizona Corporation Commission Siting Process

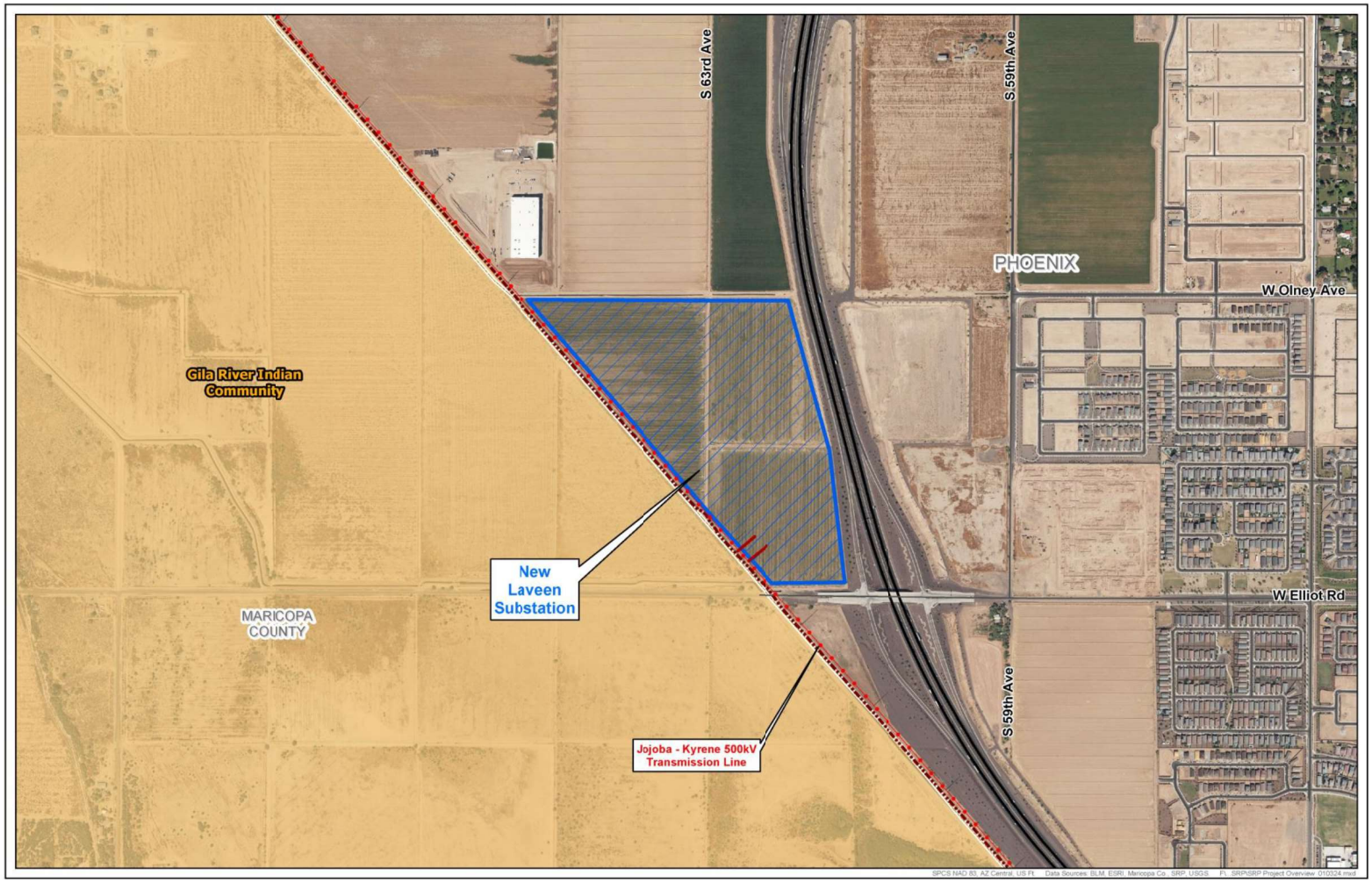


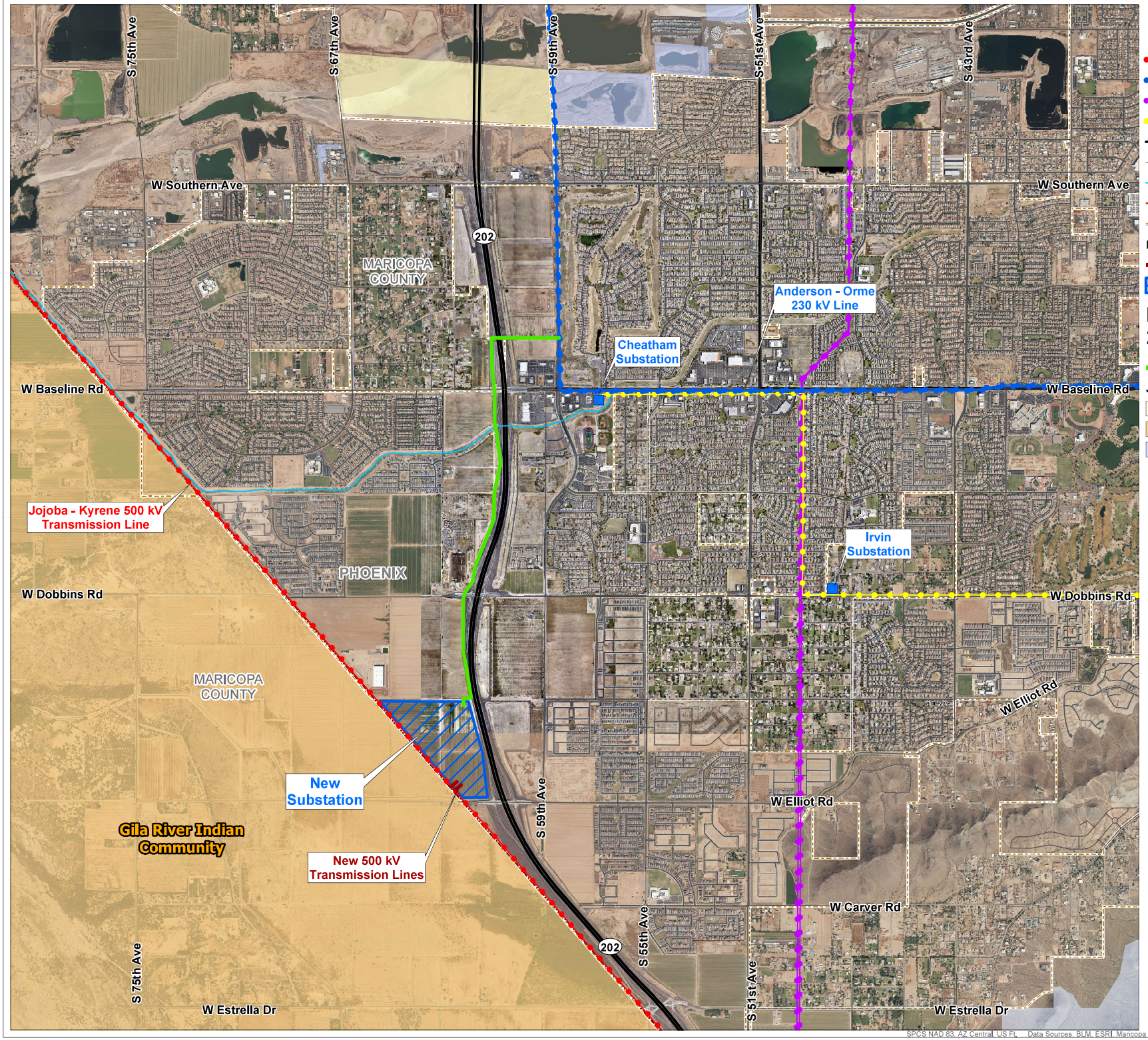
Opportunities for Public Input



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

New Laveen 500/230/69 kV Substation





Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- New 500 kV Transmission Line
- New Substation

Project Requires Two 230 kV Route Options

- Route Option 1

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

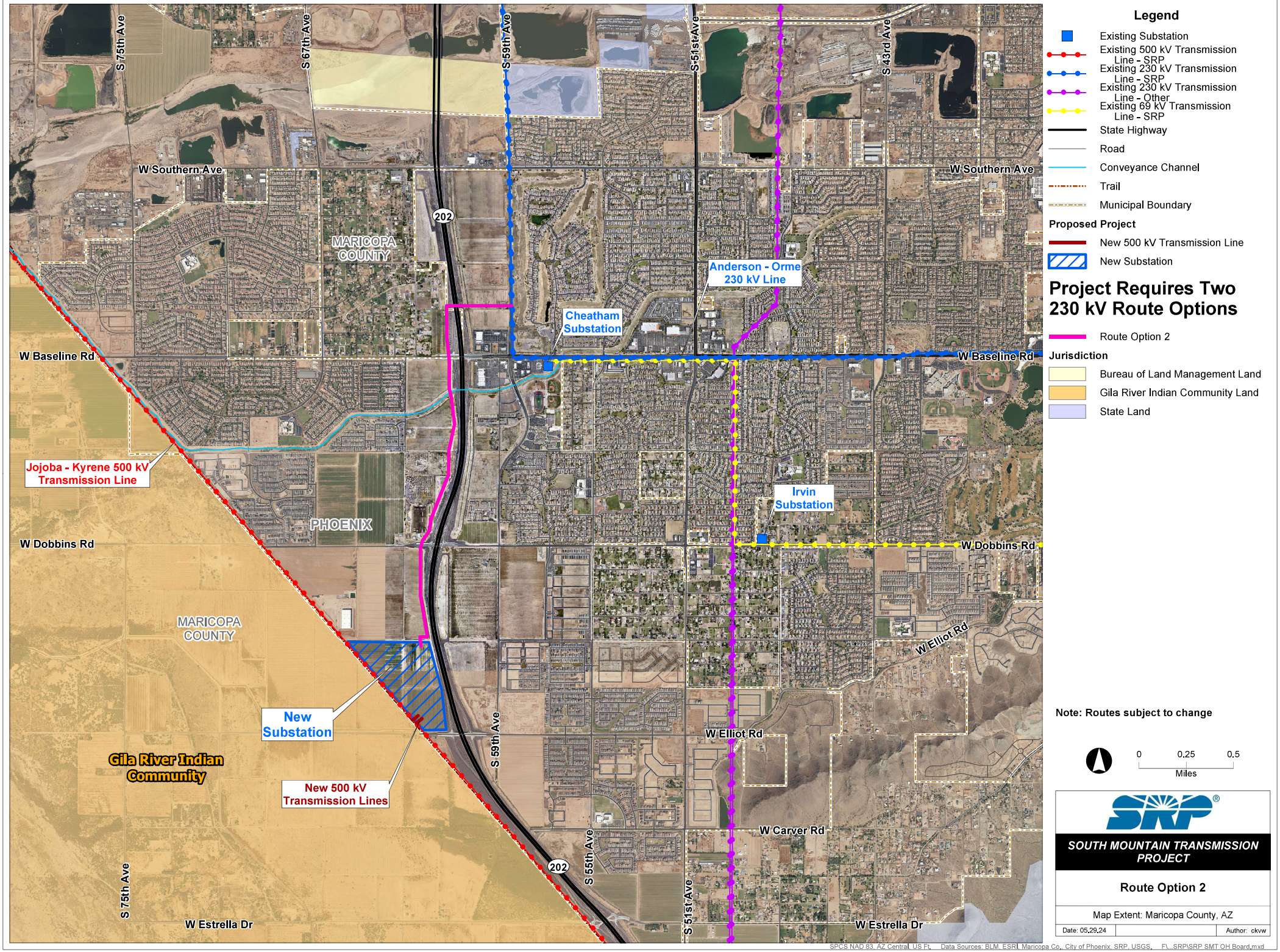
SOUTH MOUNTAIN TRANSMISSION PROJECT

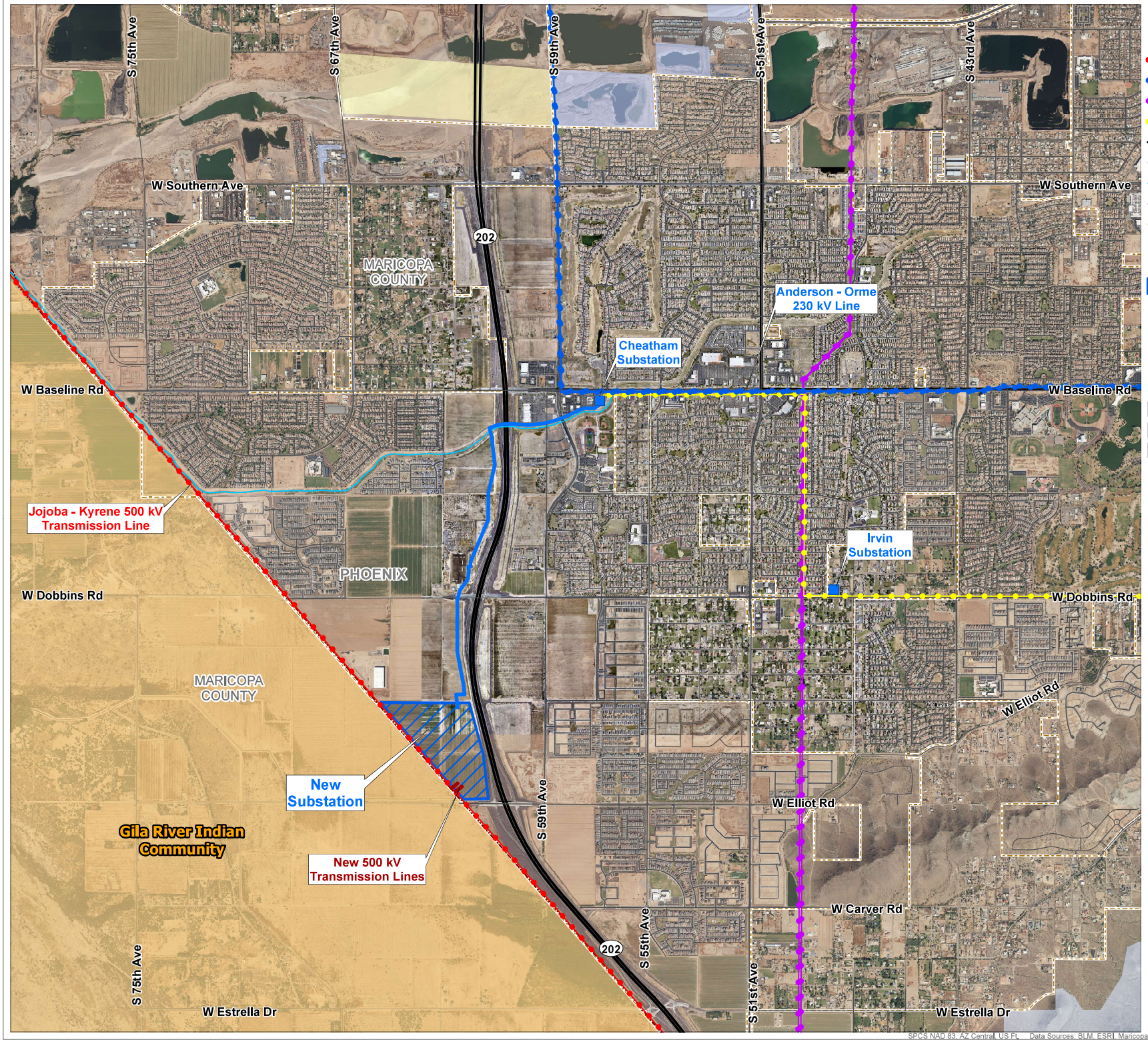
Route Option 1

Map Extent: Maricopa County, AZ

Date: 05.29.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS. F:\...SRP\SRP SMT OH Board.mxd


S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
W Southern Ave
W Southern Ave
202
MARICOPA COUNTY
Anderson - Orme 230 kV Line
Cheatham Substation
W Baseline Rd
W Baseline Rd
Jojoba - Kyrene 500 kV Transmission Line
Irvin Substation
PHOENIX
W Dobbins Rd
W Dobbins Rd
MARICOPA COUNTY
W Elliot Rd
New Substation
Gila River Indian Community
New 500 kV Transmission Lines
S 59th Ave
W Elliot Rd
W Carver Rd
S 55th Ave
202
S 75th Ave
S 51st Ave
W Estrella Dr
W Estrella Dr
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Project Requires Two 230 kV Route Options
Route Option 2
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Note: Routes subject to change
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Route Option 2
Map Extent: Maricopa County, AZ
Date: 05.29.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS, F:\...SRP\SRP SMT OH Board.mxd



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- New 500 kV Transmission Line
- New Substation

Project Requires Two 230 kV Route Options

- Route Option 3

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

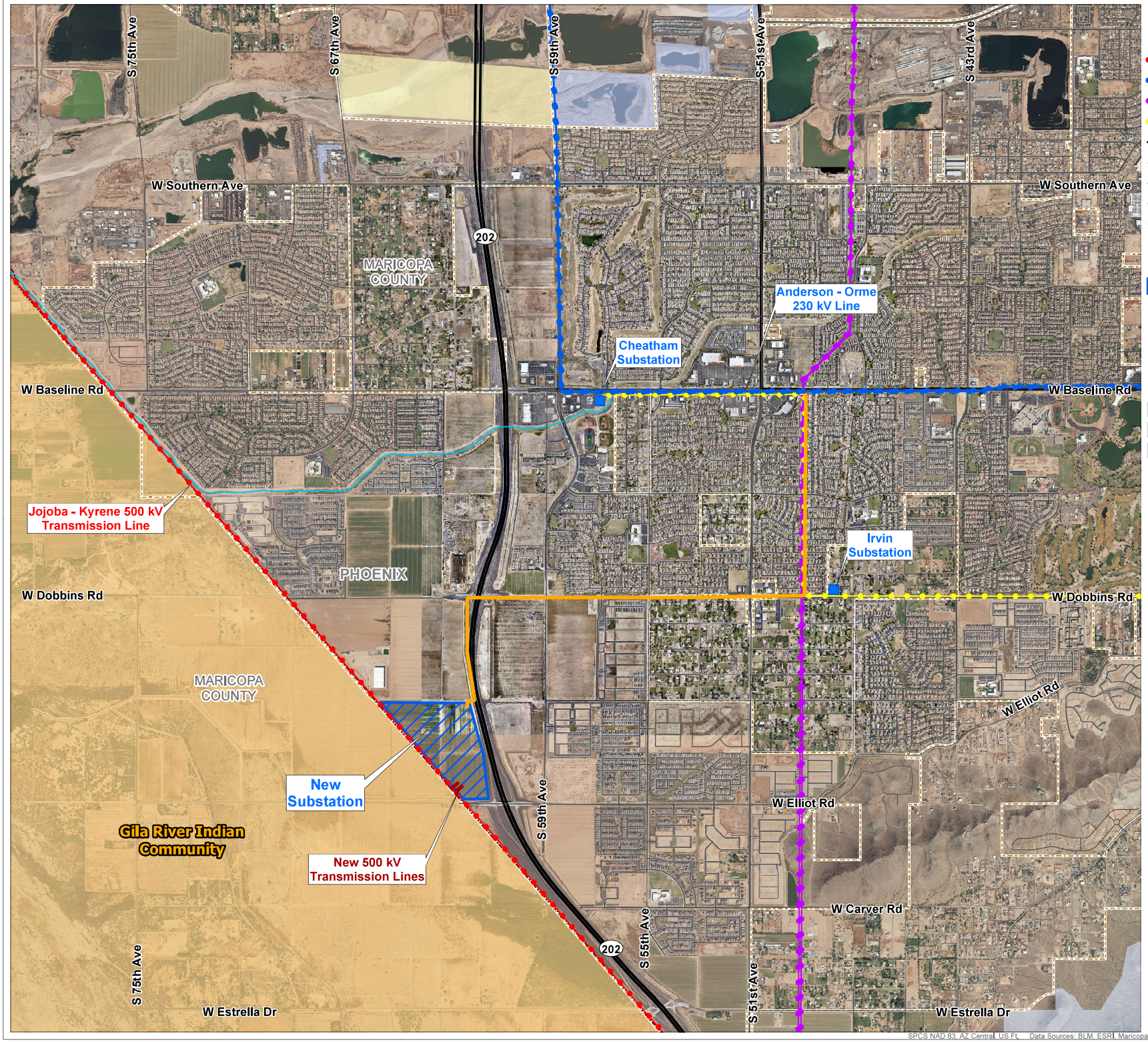
SOUTH MOUNTAIN TRANSMISSION PROJECT

Route Option 3

Map Extent: Maricopa County, AZ

Date: 05.29.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS. F:\...SRP\SRP SMT OH Board.mxd



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- New 500 kV Transmission Line
- New Substation

Project Requires Two 230 kV Route Options

- Route Option 4

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

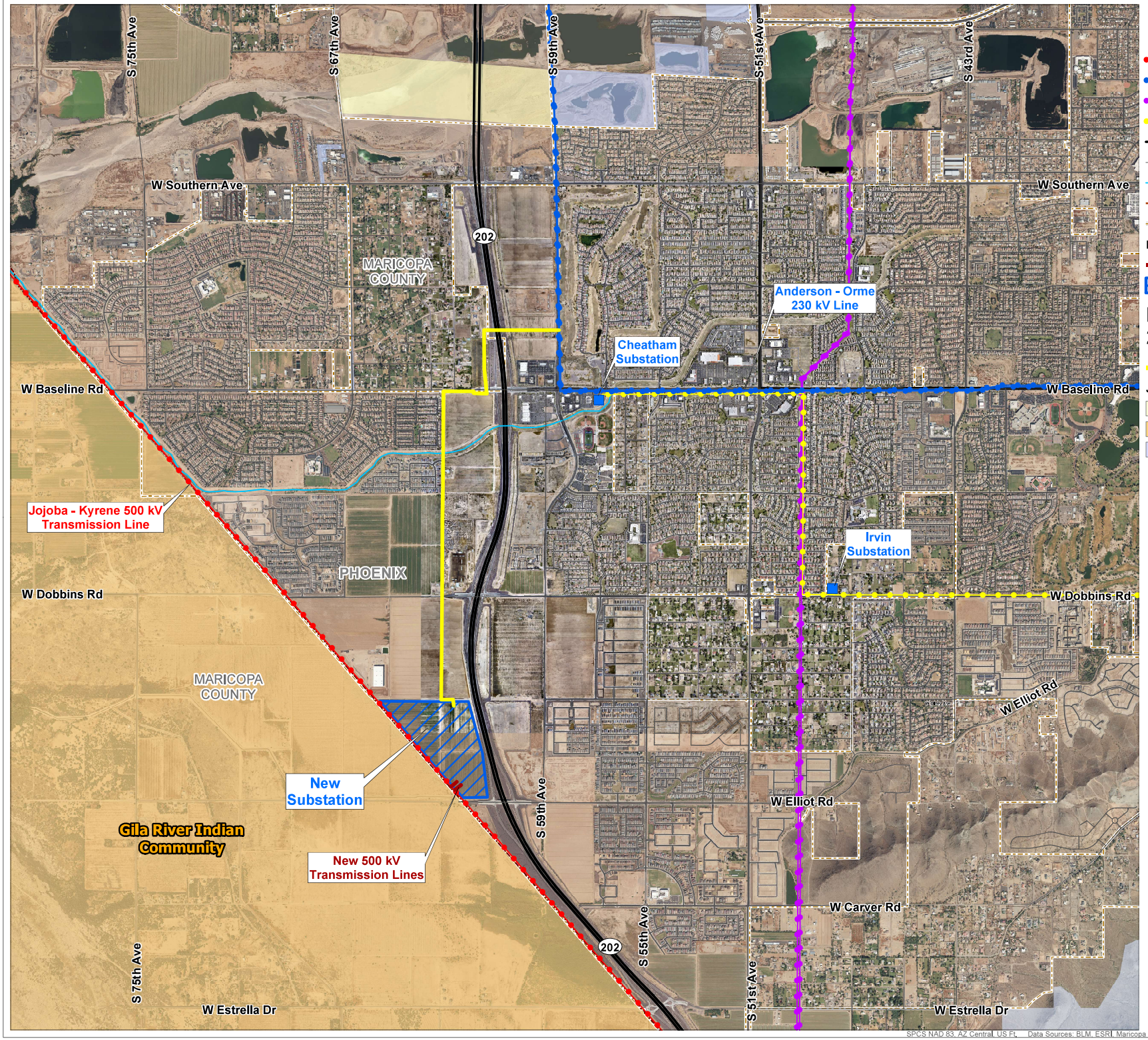
SOUTH MOUNTAIN TRANSMISSION PROJECT

Route Option 4

Map Extent: Maricopa County, AZ

Date: 05.29.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS. F:\...SRP\SRP SMT OH Board.mxd



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- New 500 kV Transmission Line
- New Substation

Project Requires Two 230 kV Route Options

- Route Option 5

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

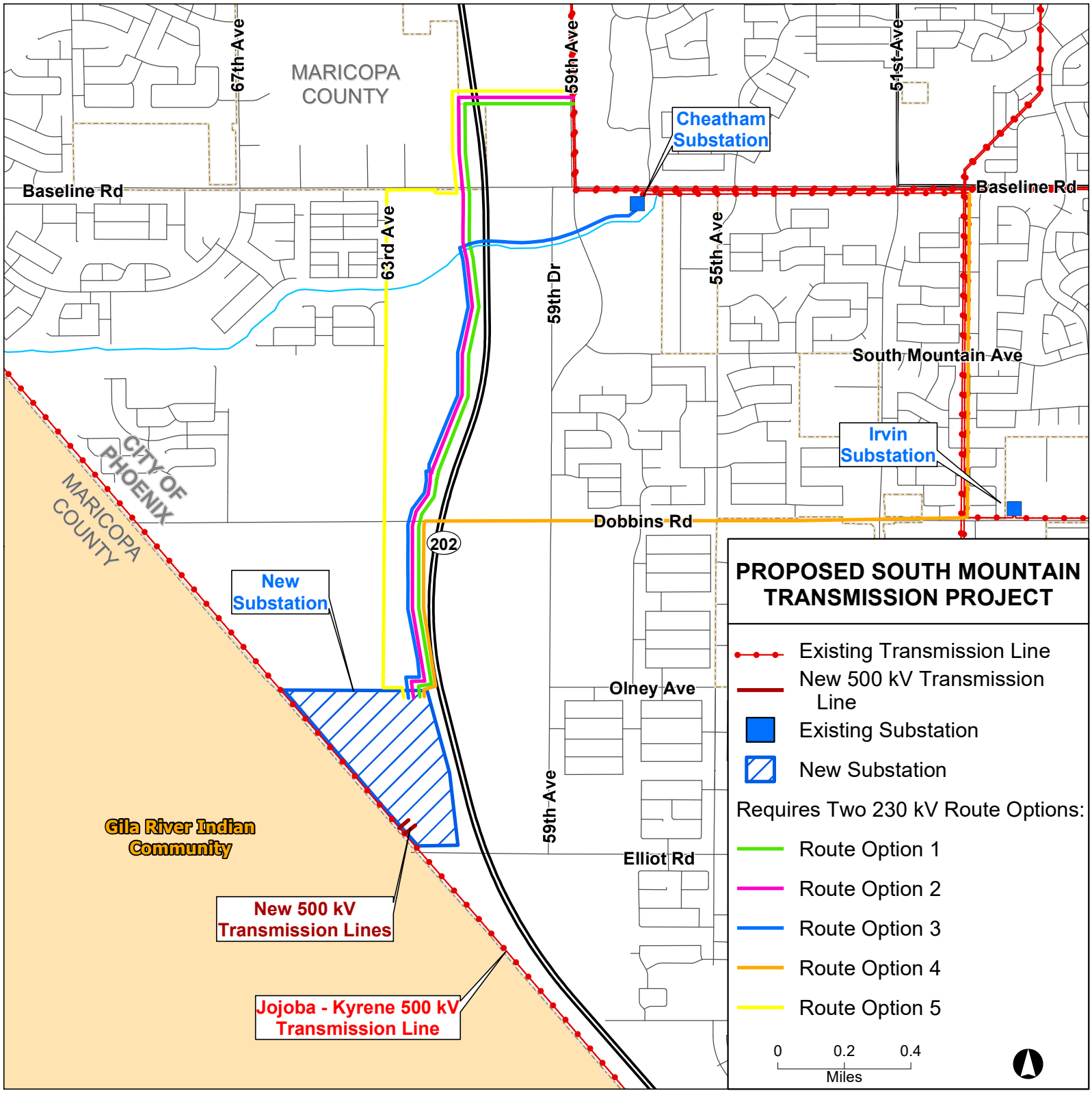
SOUTH MOUNTAIN TRANSMISSION PROJECT

Route Option 5

Map Extent: Maricopa County, AZ

Date: 05.29.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS. F:\...SRP\SRP SMT OH Board.mxd


MARICOPA COUNTY
67th Ave
59th Ave
51st Ave
Cheatham Substation
Baseline Rd
Baseline Rd
63rd Ave
59th Dr
55th Ave
South Mountain Ave
CITY OF PHOENIX
MARICOPA COUNTY
Irvin Substation
Dobbins Rd
202
New Substation
Olney Ave
59th Ave
Gila River Indian Community
Elliot Rd
New 500 kV Transmission Lines
Jojoba - Kyrene 500 kV Transmission Line
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT
Existing Transmission Line
New 500 kV Transmission Line
Existing Substation
New Substation
Requires Two 230 kV Route Options:
Route Option 1
Route Option 2
Route Option 3
Route Option 4
Route Option 5
0
0.2
0.4
Miles

We want to hear from you

Project Website Comment Portal

www.srp.net/SMT

Project Information Line

1-855-584-1484

Feedback Survey Form

Delivering water and power®

South Mountain Transmission Project – Phase 1

Thusday, June 6, 2024 4:30 p.m.– 6:30 p.m.
Fairfax High School, 8229 S 59th Ave

10

Name	Address	Email	Organization (if applicable)
Clyde D Smith + wife			
Vianey Figueroa	6419 S. 37th Lane phx AZ 85041	[redacted]	
Don Brown	8818 S 71ST LN. LAVEEN AZ 850339		
Stephanie Carter	5025 W. Siesta Way 85339		
Emily Barnett	4824 West Pedro Ln		
Katelyn Roessel	5202 W. Piedmont Dr.		
Bob Roessel	5202 W. Piedmont Dr.		
James Tillman	5822 W Glass Ln		—
Julie Chaffin	PO Box 889 Laveen 85339		
margaret Daniels	[redacted]	9603 S 43rd Ln Laveen 85339	

Delivering water and power®

South Mountain Transmission Project – Phase 1

Thusday, June 6, 2024 4:30 p.m.– 6:30 p.m.
Fairfax High School, 8229 S 59th Ave

(1)

Name	Address	Email	Organization (if applicable)
Ruth Stricklin	5410 W Milada Dr. Laveen, AZ	[redacted]	N/A
TODD TAYLOR	9717 S 43RD LN, LAVEEN, AZ		
JACKSON SIMS	1902 N EVERGREEN ST		
DENNIS CHRISTENSEN	5103 W DESERT DR		HOA
Joseph Moreno			
Raelynna Christ	9114 S. 50th Lane Laveen		NOA
Daniel Shallenberger	5403 W La Milada Dr. Laveen, AZ		

SRP
Delivering water and power

(3)

South Mountain Transmission Project – Phase 1

Thusday, June 6, 2024 4:30 p.m.– 6:30 p.m.
Fairfax High School, 8229 S 59th Ave

Name	Address	Email	Organization (if applicable)
Grant Harrison	200 W. Washington	[redacted]	ity of Phoenix
X Carlos Galindo-Elvira	300 W. Washington Phoenix, Az 85003		City of Phoenix
Joel Calandreli	[redacted]	7720 S. 68 Dr 85339	

Delivering water and power®

South Mountain Transmission Project – Phase 1

Thusday, June 6, 2024 4:30 p.m.– 6:30 p.m.
Fairfax High School, 8229 S 59th Ave

Name	Address	Email	Organization (if applicable)
Leila Gamiz		[redacted]	City of Phoenix
Noel Pietri	5020 S 50th Dr Laveen AZ 85339		

#1

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, May 30, 2024 3:16:11 PM
Last Modified: Thursday, May 30, 2024 3:19:26 PM
Time Spent: 00:03:15
IP Address: 104.28.239.26

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Stephanie Carter**
Address	**5025 West Siesta WY**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

Honestly, this seems like something that will not benefit me whatsoever as an existing resident. This stands to disrupt my home however, as you are proposing to run lines literally adjacent to my home. You are arguably ruining Laveen.

Q3

What do you understand as the challenges of this project?

Selling it to the public

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

1, 2, or 5.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

4. It is longer than all the others, and runs adjacent to many existing homes.

Q6

Do you generally support this project?

Absolutely not. No. Not in any way.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes.

Q8

Please provide other concerns, suggestions or additional comments.

Your means of notification also leaves a lot to be desired. I found out via a neighbor grapevine; no individual notice was received at my residence.

#2

COMPLETE

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Last Modified: Thursday, May 30, 2024 4:05:21 PM
Time Spent: 00:04:04
IP Address: 68.99.249.112

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**C Watson**
State/Province	**AZ**
ZIP/Postal Code	**85339**

Q2

What do you understand as the benefits of this project?

More potential power source to the community

Q3

What do you understand as the challenges of this project?

Keeping noise level low. Choosing the best and less impactful routes.

Q4

Respondent skipped this question

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Route 4

Q6

Do you generally support this project?

Somewhat. Only if no environmental impact to this area and no rate increases.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8 **Respondent skipped this question**

Please provide other concerns, suggestions or additional comments.

#3

COMPLETE

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Started: Thursday, May 30, 2024 4:04:40 PM
Last Modified: Thursday, May 30, 2024 4:07:34 PM
Time Spent: 00:02:53
IP Address: 23.83.130.24

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Sara Ohlson**
Address	**8224 S. 42nd Ave.**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

To be prepared for the big growth in Laveen.

Q3

What do you understand as the challenges of this project?

SRP obtaining the permits.

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Route 1

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

At this time, no.

Q6

Do you generally support this project?

Yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

Respondent skipped this question

#4

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, May 30, 2024 9:19:23 PM
Last Modified: Thursday, May 30, 2024 9:31:32 PM
Time Spent: 00:12:08
IP Address: 68.228.228.210

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Michael Cuellar**
Address	**8128 S 64th Ln**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

To enhance the power infrastructure to accommodate the growing demands in the Laveen area.

Q3 **Respondent skipped this question**

What do you understand as the challenges of this project?

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

I prefer routes 1 and 2

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Route 5 proximity to the Estrella Vista community along 63rd avenue. I am not a fan of this option

Q6

Do you generally support this project?

I do generally support the project

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

Respondent skipped this question

#5

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, May 30, 2024 3:05:40 PM
Last Modified: Friday, May 31, 2024 12:07:12 AM
Time Spent: 09:01:32
IP Address: 104.129.198.60

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Rebecca Perrera**
Address	**7914 S. 73rd Ln**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

supporting Laveen growth and economic development1

Q3

What do you understand as the challenges of this project?

Cost

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

1 and 2

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

I do not like route 3 because the Conveyance channel should be protected. I do not like route 4 because we do not want to see power lines on the Historic Dobbins Corridor

Q6

Do you generally support this project?

yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

yes

Q8

Please provide other concerns, suggestions or additional comments.

I think this would be a good opportunity to also add some community beautification such as murals on the substation block walls.

#6

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Monday, June 03, 2024 1:36:12 PM
Last Modified: Monday, June 03, 2024 1:45:19 PM
Time Spent: 00:09:07
IP Address: 70.190.157.19

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Victoria Dean**
Address	**6728 W Coles Rd**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

Electricity for the future

Q3

What do you understand as the challenges of this project?

Location of the lines. I object to the yellow path (option 5)

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

1, 2, 3, all seem fine.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Option 5 too close to homes.

Q6

Do you generally support this project?

Yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

I object to option 5.

#7

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 7:55:19 PM
Last Modified: Thursday, June 06, 2024 7:59:02 PM
Time Spent: 00:03:43
IP Address: 108.147.172.70

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Joseph Moreno**
Address	**5327 W. Piedmont**
State/Province	**AZ**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

To provide more power to a subdivision

Q3

What do you understand as the challenges of this project?

Construction, traffic, people

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Route option five is the furthest away from the traffic of 51st Ave. Route option three is the next furthest away from 51st Ave.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Route option four would travel through most

Q6

Do you generally support this project?

Yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes please

Q8

Please provide other concerns, suggestions or additional comments.

Thank you for the presentation

#8

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 8:11:14 PM
Last Modified: Thursday, June 06, 2024 8:13:47 PM
Time Spent: 00:02:33
IP Address: 107.127.21.109

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Daniel Shallenberger**
Organization	**Resident**
Address	**5403 W La Mirada Dr**
City/Town	**Laveen**
State/Province	**AZ**
Email Address	[redacted]

Q2 **Respondent skipped this question**

What do you understand as the benefits of this project?

Q3 **Respondent skipped this question**

What do you understand as the challenges of this project?

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Preferred routes: 1&2
Strongly opposed to route 4 since it impacts so many residents, including my family since we live along the route. We moved from our last house, in part, to get away from the huge power lines near Rogers Ranch in Laveen

Q5 **Respondent skipped this question**

Do you see challenges with any transmission line routes?
Please specify route options 1,2,3,4 or 5.

Q6

Do you generally support this project?

Respondent skipped this question

Q7

Do you want to be kept informed of this project and receive project updates by email?

Respondent skipped this question

Q8

Please provide other concerns, suggestions or additional comments.

Respondent skipped this question

#9

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 8:14:20 PM
Last Modified: Thursday, June 06, 2024 8:17:43 PM
Time Spent: 00:03:22
IP Address: 107.127.21.109

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Heather Shallenberger**
Address	**5403 W La Mirada Dr**
State/Province	**AZ**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

Growing Laveen's electric infrastructure.

Q3 **Respondent skipped this question**

What do you understand as the challenges of this project?

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Yes, routes 1&2 running parallel

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Route 4 seems to run along residential streets the most. I dislike it strongly for that reason.

Q6

Do you generally support this project?

yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

Thank you for the dynamic team hosting the open house. everyone was so warm, helpful and understanding.

#10

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 8:55:03 PM
Last Modified: Thursday, June 06, 2024 8:59:28 PM
Time Spent: 00:04:24
IP Address: 107.127.21.109

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Raelynna Christ**
Organization	**Silverado HOA**
Address	**9114S 50th Lane**
City/Town	**Laveen**
State/Province	**AZ**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

Laveen is growing and needs more power. Also, Maybe we will have less power outages. growing. and needs more power. Also, Maybe we will have less power outages

Q3

What do you understand as the challenges of this project?

Where to place lines, freeway or by homes???

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Anything but 4!
3: This looks the most logical.
1: This line runs along the freeway.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

4! It is near houses (very close). It will be going over a playground.

Q6

Do you generally support this project?

Yes, but not route 4.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

*See all other answers. I do not agree with route 4. also, I like how you set up the feedback. I was able to walk around and ask questions...

#11

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 8:59:44 PM
Last Modified: Thursday, June 06, 2024 9:03:30 PM
Time Spent: 00:03:46
IP Address: 107.127.21.109

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name **Martin Bridgeman**

Q2

What do you understand as the benefits of this project?

Planning for future growth and development of the area.

Q3

What do you understand as the challenges of this project?

The challenge is finding a route that is acceptable to the community and cost effective for SRP.

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

I like route 1&2.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

The challenge with 1&2 is to make sure there is not a negative impact to surrounding residential neighborhoods.

Q6

Do you generally support this project?

Yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

I think it is wise that SRP put a greater emphasis on the aesthetics of the substation and the power lines. The substation should hide as much of the equipment as possible that also includes painting the wall to look or blend in with the mountains. I would say a good example of a substation matching its surroundings would be at 7th Street and Roosevelt.

#12

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 9:03:43 PM
Last Modified: Thursday, June 06, 2024 9:19:30 PM
Time Spent: 00:15:46
IP Address: 107.127.21.109

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Stephanie Carter**
Organization	**Silverado Ranch HOA (vice president)**
Address	**5025 W Siesta Way,**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

For me personally, very little.

Q3

What do you understand as the challenges of this project?

The decision whether to build next to a freeway or hundreds of homes.

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

1, 2, 3, 5. Anything except route 4.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Route 4 is not only longer than the other routes, it is dramatically closer to vastly more homes than any of the other routes. The noise pollution from the Department of energy 230 K lines in our greenway already makes it nearly impossible for me to take my kids to the park. it is constant, not just when the lines are wet. It gives me a headache within minutes. All four people in my home are sensitive to. noise and if 230kV lines are built adjacent to our house it will be an unlivable situation for my family. We would be forced to move if route 4 is chosen.

Q6

Do you generally support this project?

No, honestly I really don't. I don't feel the route selection was done thoughtfully or properly. I find the lack of consideration insulting.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes, you will be seeing me at any and all future meetings until route 4 is removed from the candidate list.

Q8

Please provide other concerns, suggestions or additional comments.

Next to the noise from the freeway, power lines are not as significant. There are already 500 KV lines there. So the proposed lines are of lesser magnitude. However, the line along route 4 was not there when anyone in our HOA moved in. Both our HOA president and myself vehemently oppose route 4. We are also more than happy to notify and mobilize our entire HOA, 176 homes, regarding this. I will pass out flyers door to door. I will post more on our mailboxes. I will put it in our newsletter. I will not let this rest.

#13

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, June 06, 2024 9:20:26 PM
Last Modified: Friday, June 07, 2024 12:35:52 AM
Time Spent: 03:15:26
IP Address: 65.132.217.2

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Julie Chaffin**
Organization	**Home owner/Business owner**
Address	**PO Box**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**29681**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

To provide electricity to Laveen/Phoenix for growth-especially to facilitate business/industry growth in the area along the 2O2 and beyond.

Q3

What do you understand as the challenges of this project?

Getting the public to agree on a proposed route.

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

Route one and two. they seem least invasive to existing development. seems a possible economies of scale would be achieved having them together to install, repair, maintain, etc.

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

It seems orange route 4 would add electric lines along another road (Dobbins) and add additional lines/height by another road by the the Irvin substation (not so desirable for local drivers to look at). Yellow route 5 has close proximity to 63rd Ave homes which is not as desirable in my opinion.

Q6

Do you generally support this project?

Yes, absolutely

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8 **Respondent skipped this question**

Please provide other concerns, suggestions or additional comments.

#14

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Friday, June 07, 2024 12:35:58 AM
Last Modified: Friday, June 07, 2024 12:38:51 AM
Time Spent: 00:02:52
IP Address: 65.132.217.2

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**J Tillman**
Address	**5629 W Glass**
State/Province	**AZ**

Q2

What do you understand as the benefits of this project?

Improving power capacity and distribution in the Laveen area.

Q3

What do you understand as the challenges of this project?

Approval, transmission line route/directions, cost

Q4

Do you prefer two specific transmission line routes (Project requires two routes) Please specify as routes options 1,2,3,4 or 5.

1&2

Q5

Do you see challenges with any transmission line routes? Please specify route options 1,2,3,4 or 5.

Hopefully not disrupting any traffic in the areas of the five routes.

Q6

Do you generally support this project?

Yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

No

Q8

Please provide other concerns, suggestions or additional comments.

N/A

South Mountain Transmission Project
Open House (Phase 1)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Stephanie Carter **PHONE:** [redacted]

ADDRESS: 5025 W. Siesta Way (along route 4)

ORGANIZATION: Silverado Ranch HOA

EMAIL: [redacted]

COMMENTS: The corona noise from the existing 230Kv lines in the greenway at the end of my street is always so bad that my kids and I can't stay at our neighborhood greenway playground for more than a few minutes before we all have headaches. All 4 people who live in my house are autistic with exceptionally high IQs, but noise sensitivity is common to us all. My husband is a high-level software engineer and I am a medical transcriptionist; we both work at home. Route 4 would be adjacent to our house, and further worsen the noise problem in the greenway. I've been vehement in my opposition of Route 4. It will make my home unlivable for my family. I will move away from Laveen if that route is chosen

Thank you for your time and interest!

To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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South Mountain Transmission Project
Open House (Phase 1)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Daniel Shallenberger **PHONE:** [redacted]

ADDRESS: 5403 W La Mirada Dr, Laveen, AZ 85339

ORGANIZATION: Resident

EMAIL: [redacted]

COMMENTS: Prefer route 1 and 2. Strongly opposed to route 4 since it impacts so many residents, including my family on Dobbins Rd. We moved from our last home in part due to large powerlines. Please don't bring them to our neighborhood on Dobbins.

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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South Mountain Transmission Project
Open House (Phase 1)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Raelynna Christ PHONE: [redacted]

ADDRESS: 9114 S 50th Lane Laveen

ORGANIZATION: Silverado HOA

EMAIL: [redacted]

COMMENTS: No to Route 4. The current line sits fairly close to houses. There is also a playground in our greenbelt that sits pretty much under the current SRP powerline. Add Route 4 would be a very big negative to land use, recreation, & visual and aesthetics. The 3rd option (Blue) looks logical I have a child on the spectrum that is sensitive to sound and has trouble with the sound electricity makes.

Thank you for your time and interest!

To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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South Mountain Transmission Project
Open House (Phase 1)
Comment Form

✓

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Heather Shallenberger **PHONE:** [redacted]

ADDRESS: 5403 W La Mirada Rd

ORGANIZATION:

EMAIL: [redacted]

COMMENTS: Routes 1 and 2 are ideal for us.

Please do not use route 4 - it impacts many residents, including our neighborhood.

Great open house! Thank you.

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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Open House (Phase 1)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Julie Chaffin **PHONE:** [redacted]

ADDRESS: PO Box 889, Laveen, Az 85339

ORGANIZATION: home owner & business owner

EMAIL: [redacted]

COMMENTS: I went to the main door of the school, but eventually found my way to the open house. The staff on site were excellent at filling in details, making sure the boards/maps/timelines were clear. Several times I was asked if I had questions & any questions I had were thoroughly answered!

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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Open House (Phase 1)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Bob Roessel **PHONE:** _____

ADDRESS: _____

ORGANIZATION: former SRP employee

EMAIL: _____

COMMENTS: Consider painting some type of artistic feature on the substation wall that faces the loop 202 freeway. Consider a Native American design or something that reflects the community's character such as farming.

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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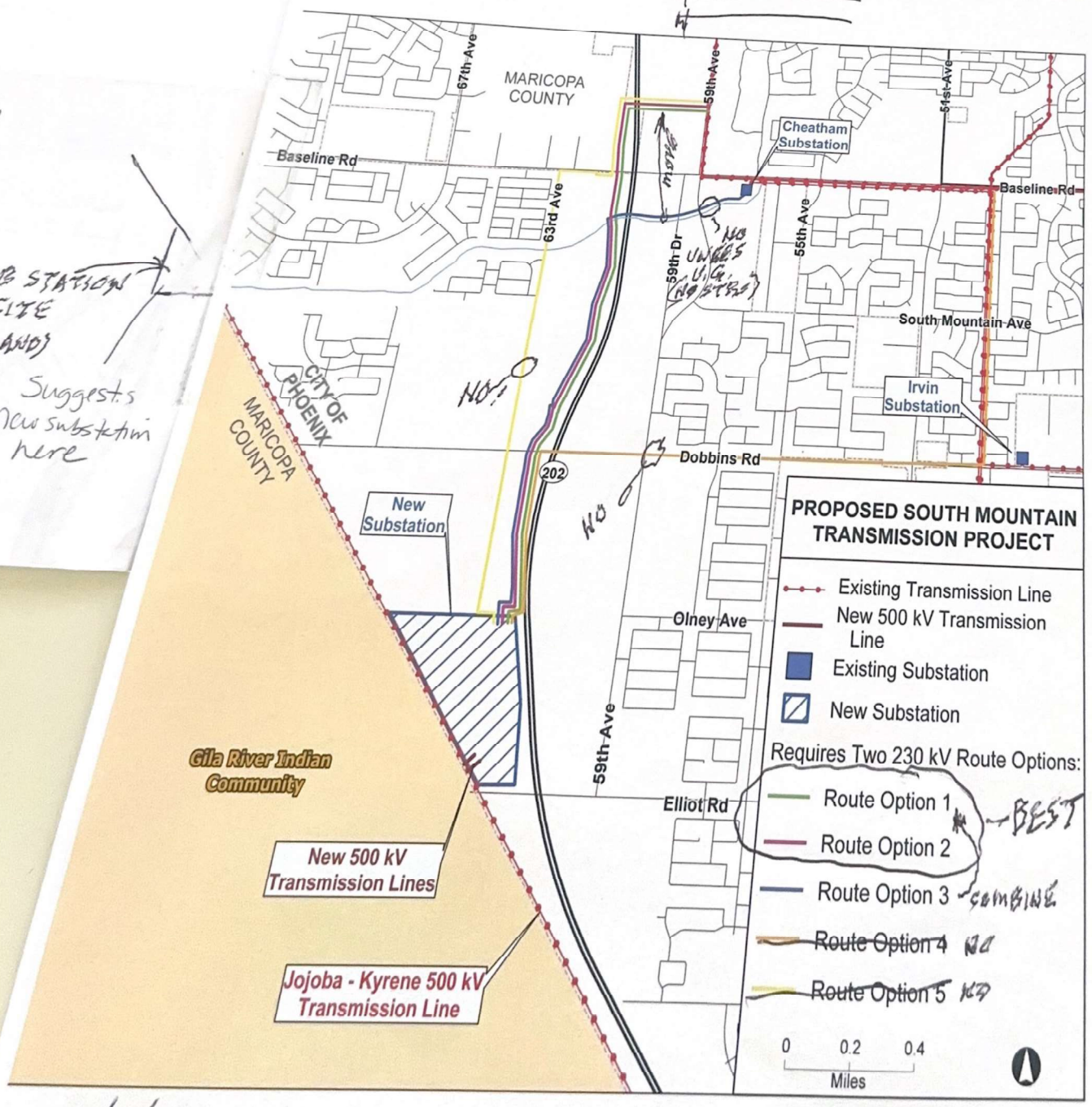
Cell: 602-339-1859

COMMENTS

N

SUB STATION SITE (CO. LAND)

Suggests new substation here



6/6/24

DENNIS ERICKSON

[redacted]

Note: Routes Subject to Change

South Mountain Transmission Project
Open House (Phase 1)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Bob Roessel **PHONE:** [redacted]

ADDRESS: 5202 W. Piedmont Dr., Laveen, AZ 85339

ORGANIZATION: N/A

EMAIL: [redacted]

COMMENTS: I attended the Open House on 6/6/24 and provided verbal comments to SRP Staff. Highlights below:

* Line Route Options -

Route Option 1 - OK

Route option 2 - OK

Route Option 3 - No, T/L structures w/ large reveal will be counterproductive to flood control

Route Option 4 - No, T/L structures unacceptable along Dobbins.

Route option 5 - NO, Impact community planning in area.

* Substation Wall - SRP Std. Concrete Wall, but enhanced aesthetically ~~for~~ with design input by Laveen Community & Gila River Indian Community. Substation Wall will be very visible from all directions.

Thank you for your time and interest!

To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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EXHIBIT J-3B
PHASE 2

South Mountain Transmission Project

open house

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Welcome

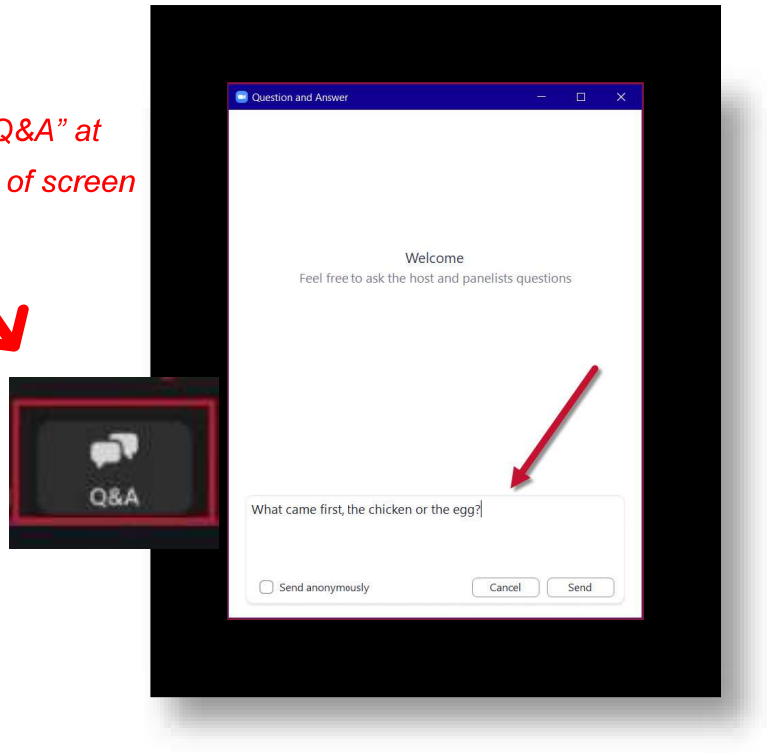
Agenda

- 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

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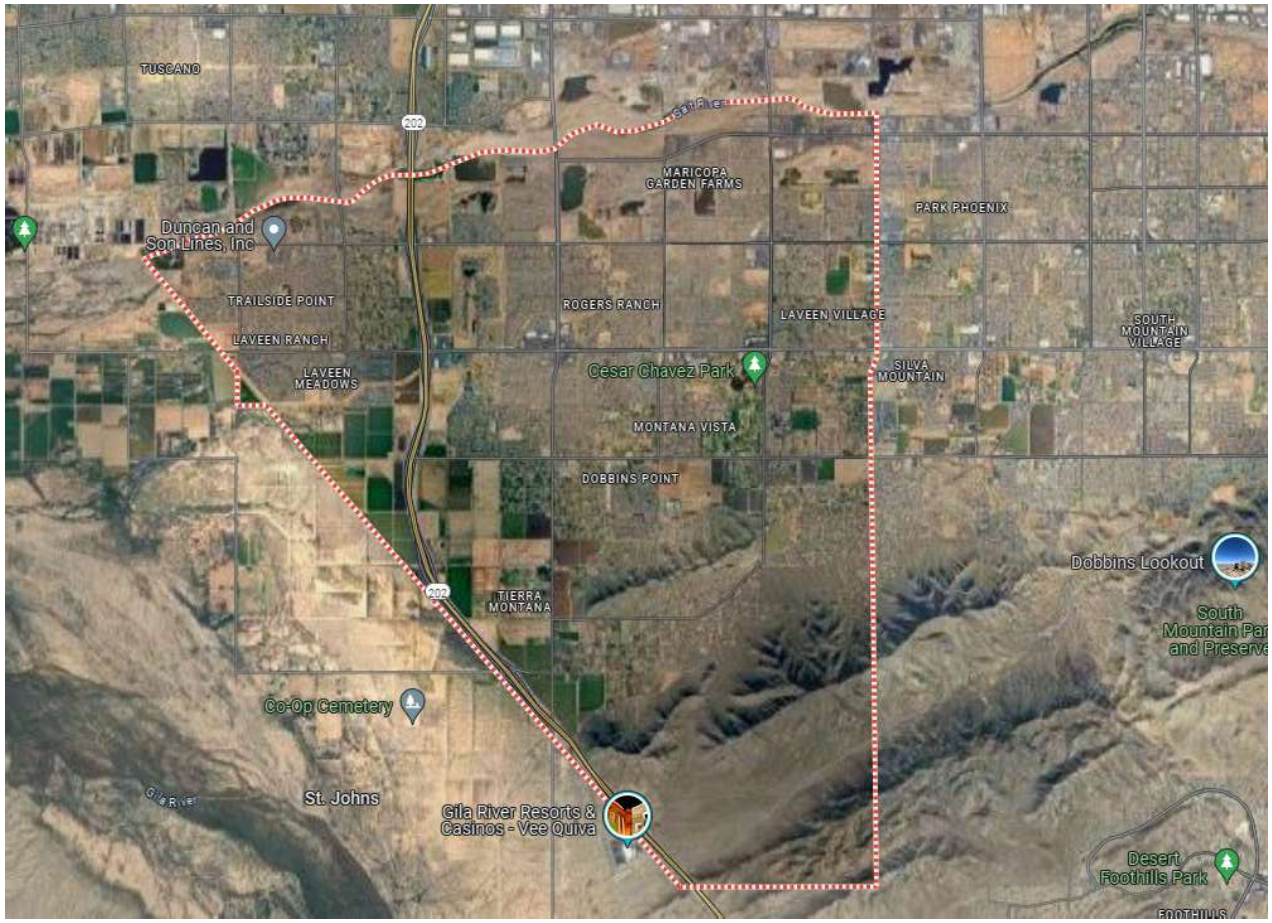
Laveen Boundary

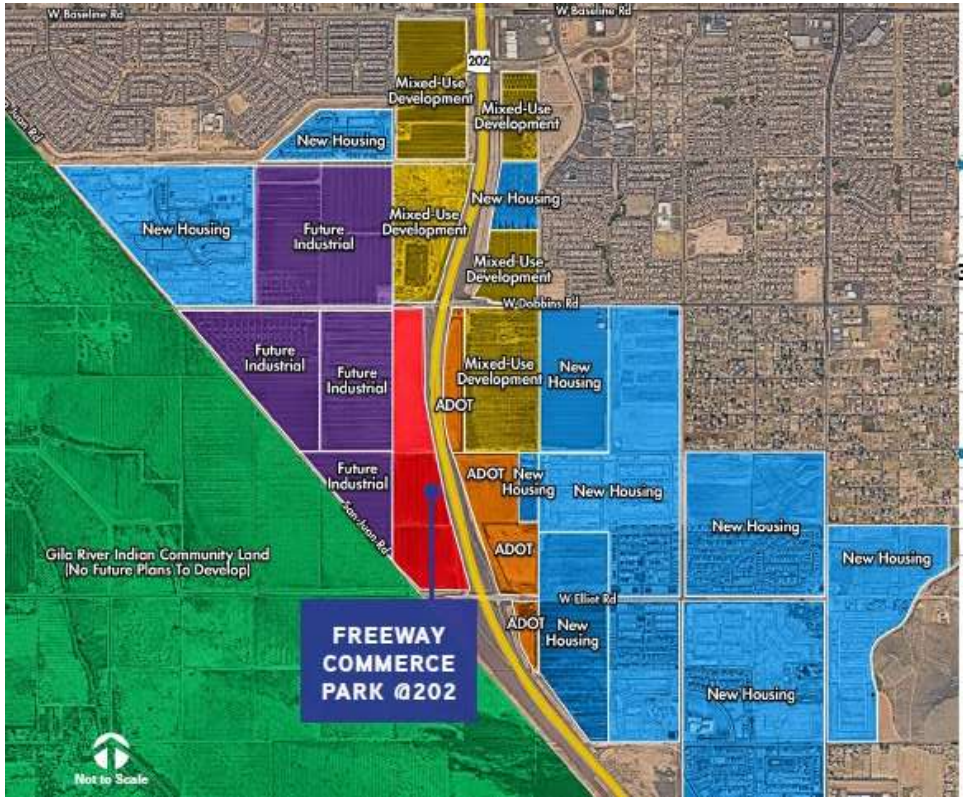


Purpose and Need

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 core for **large concentrations 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

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Project Scope

500kV/230kV/69 kV substation

- The initial build out will include a 230 kV & 69 kV yard
- The 500 kV yard will be constructed in the future

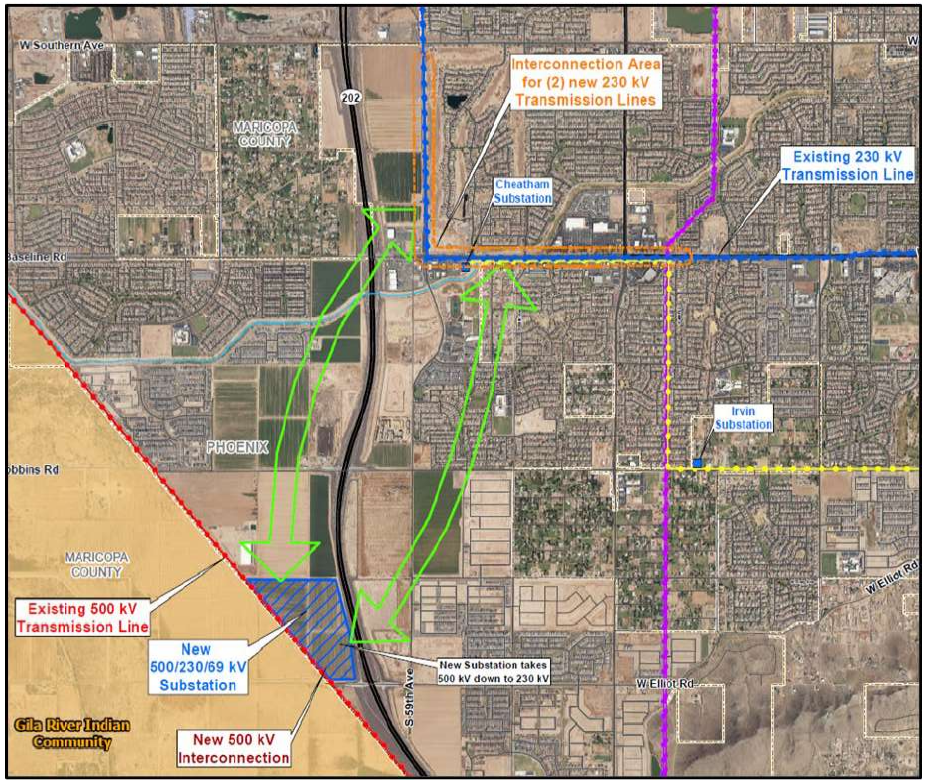
Two single-circuit 500 kV line ties at substation

- The 500 kV ties will be constructed in the future
- Will be less than a mile in length

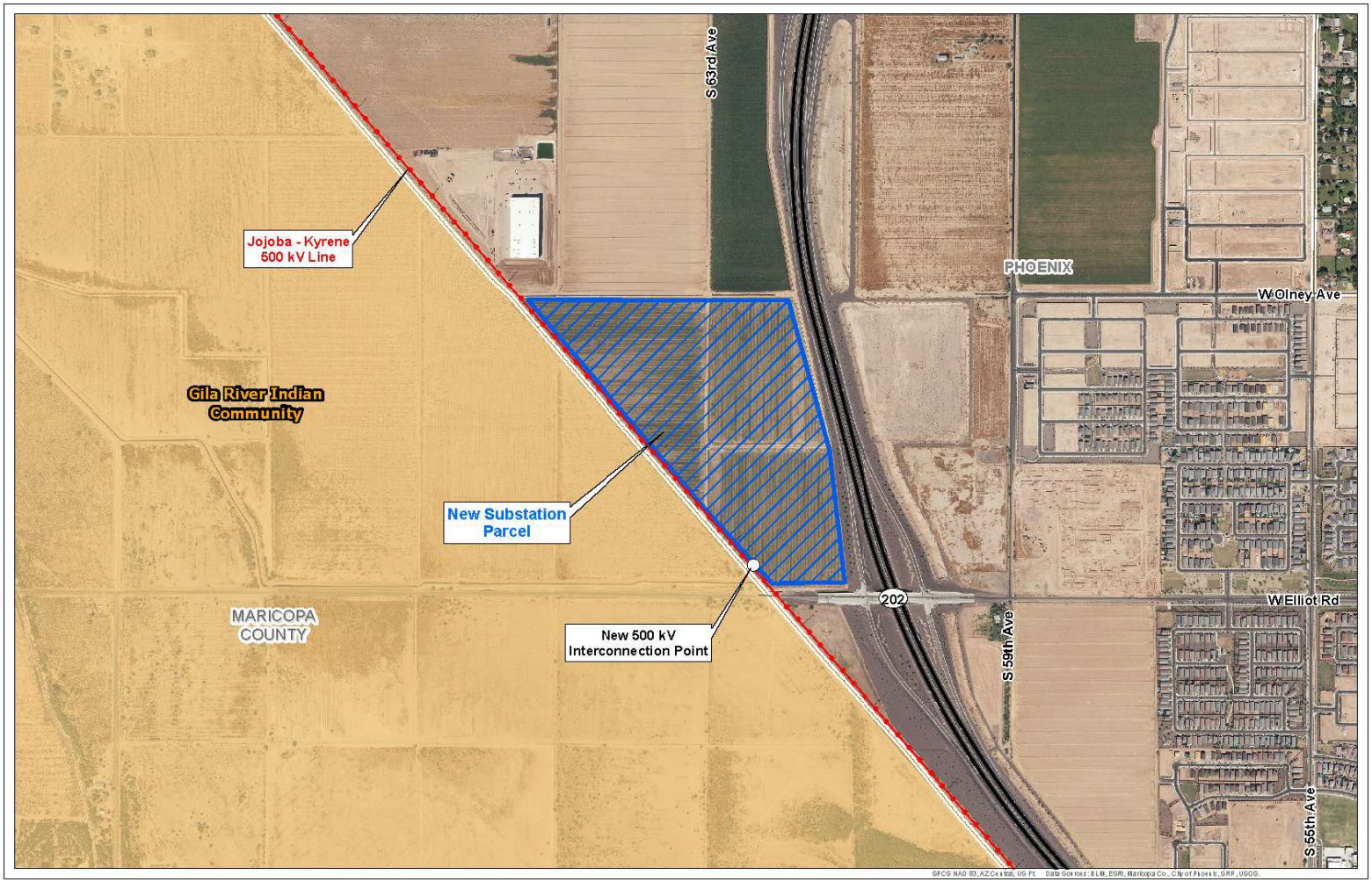
Two double-circuit 230 kV pole lines

- Steel 230 kV monopoles
- Approx. 2 –3 miles in length
- Each 230 kV pole line will require a 100’ easement for construction and long-term maintenance of the transmission line
- Double Circuit 69 kV underbuilt will be planned for both 230 kV pole lines

The 230kV transmission lines will require a Certificate of Environmental Compatibility (CEC)



New 500/230/69 kV Substation



Substation Example



Existing 500 kV Line Near Future Substation Site



Potential Structure Types

230 kV poles examples with 69 kV underbuild

Typical height 120-160 feet tall

***Will require a CEC from ACC**

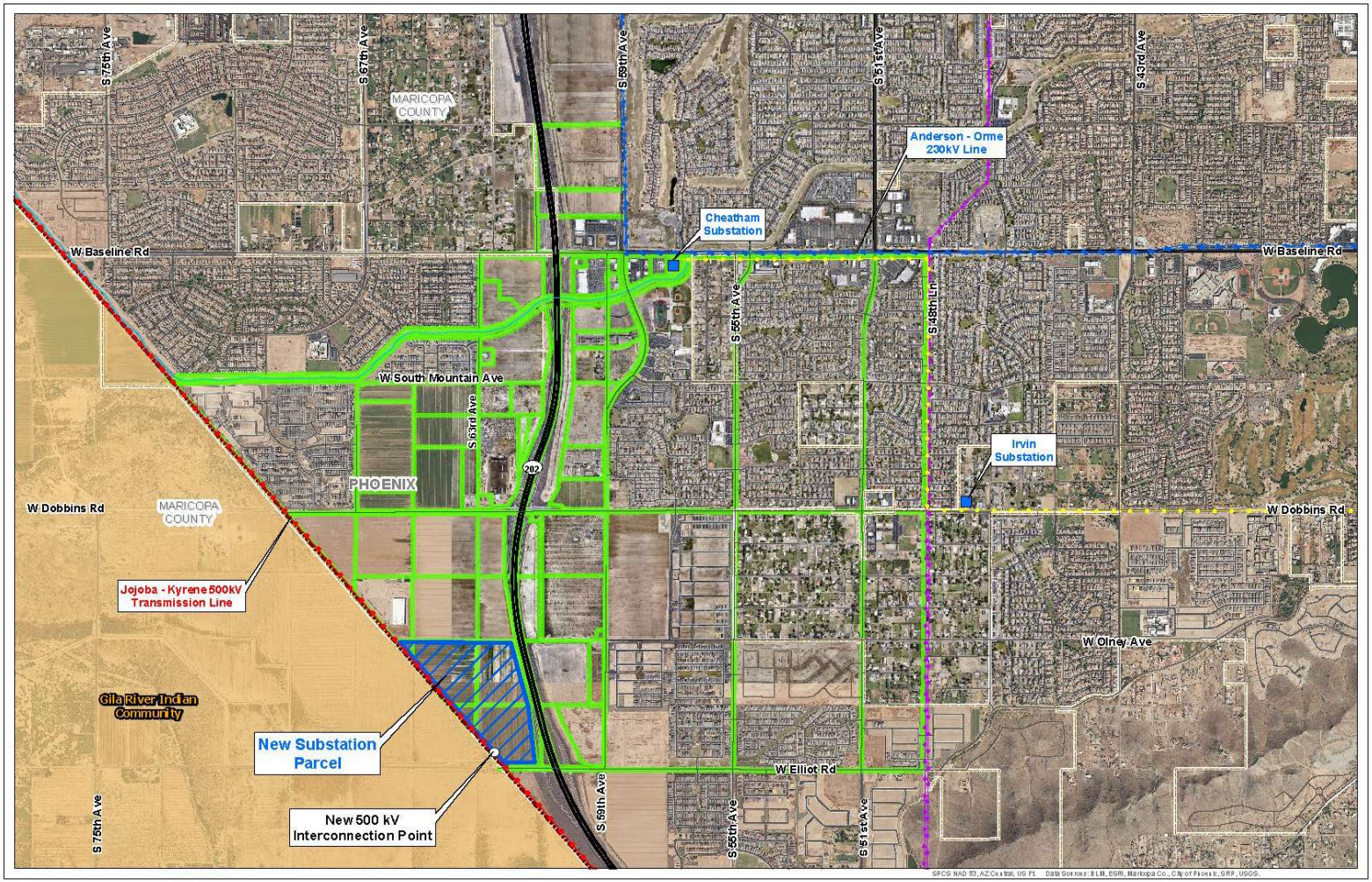




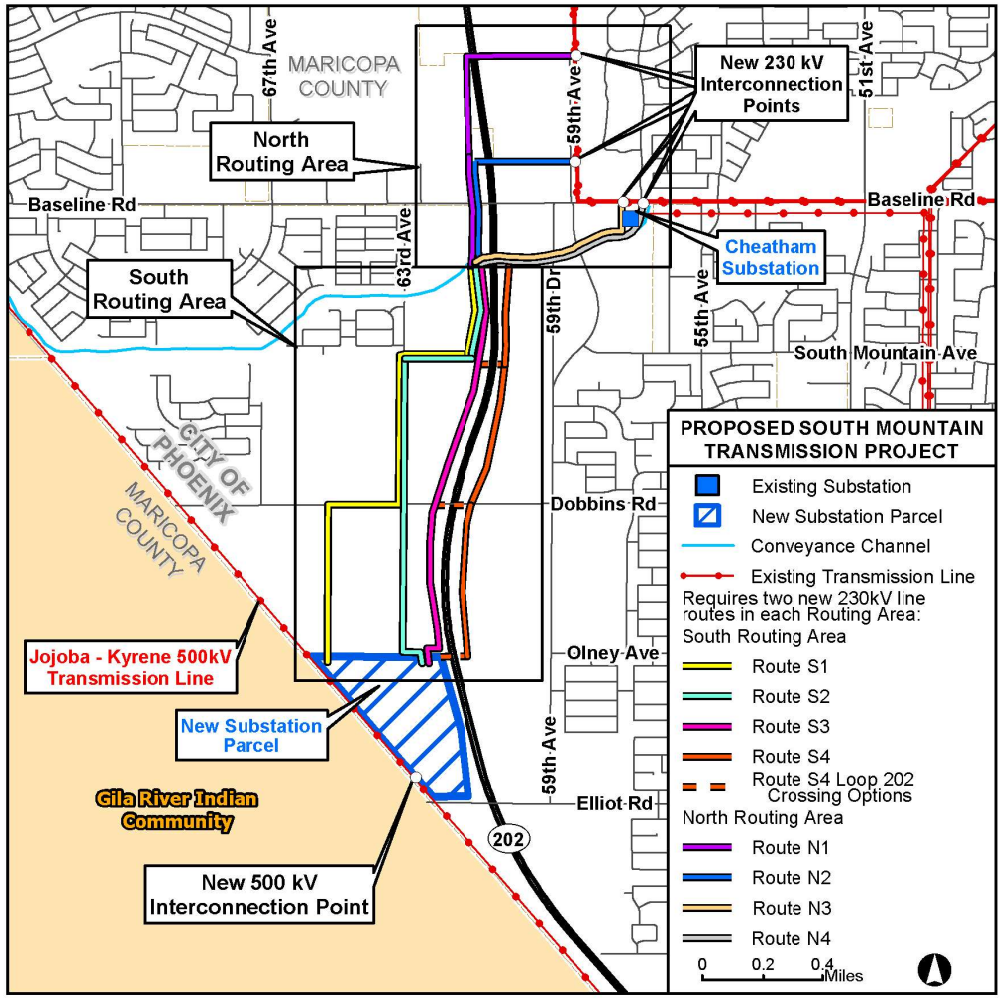
Existing 230 kV Line @ Baseline Rd.



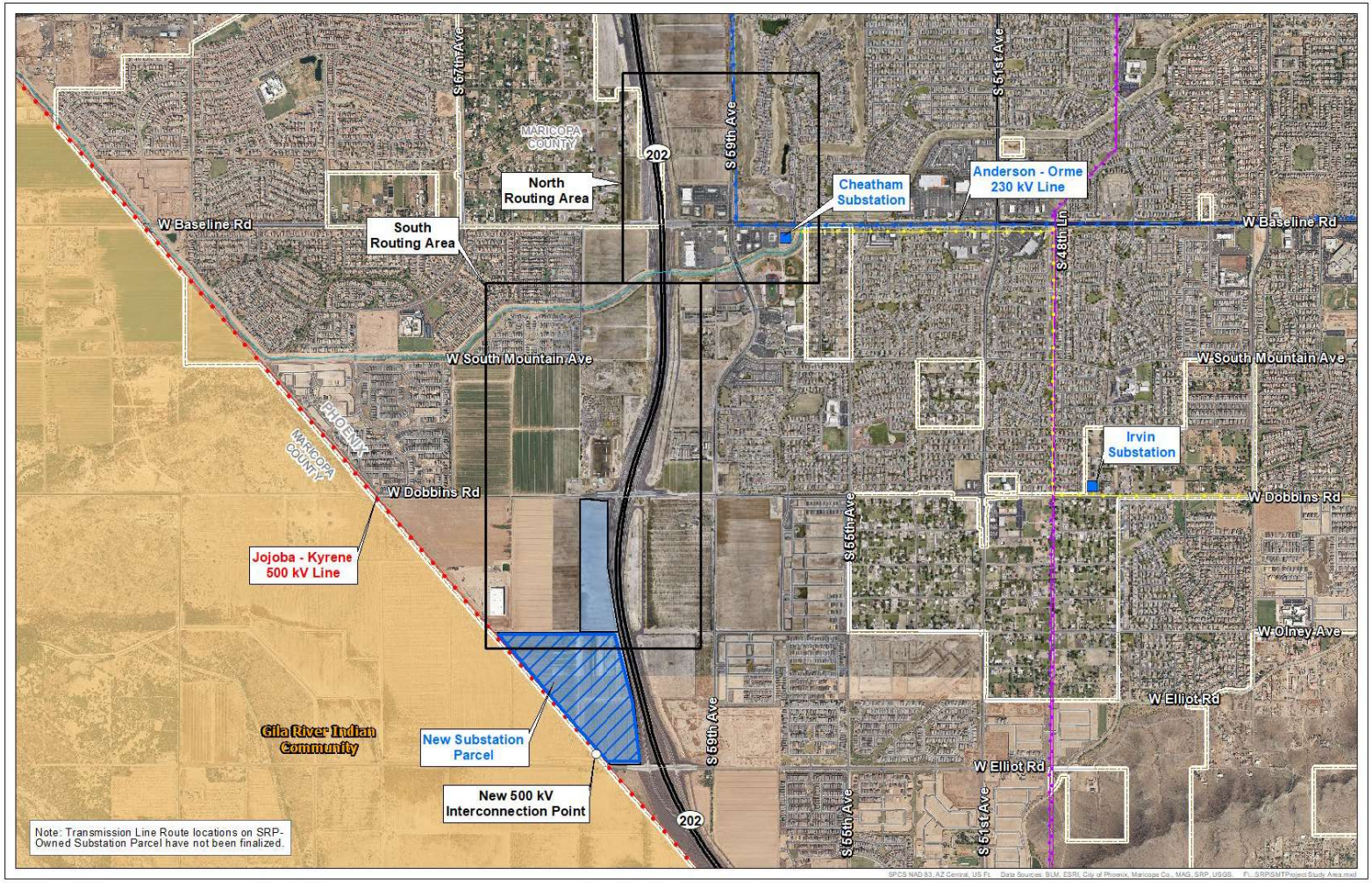
Routing Opportunities



Project Routes (Project Requires Two Routes in each Routing Area)

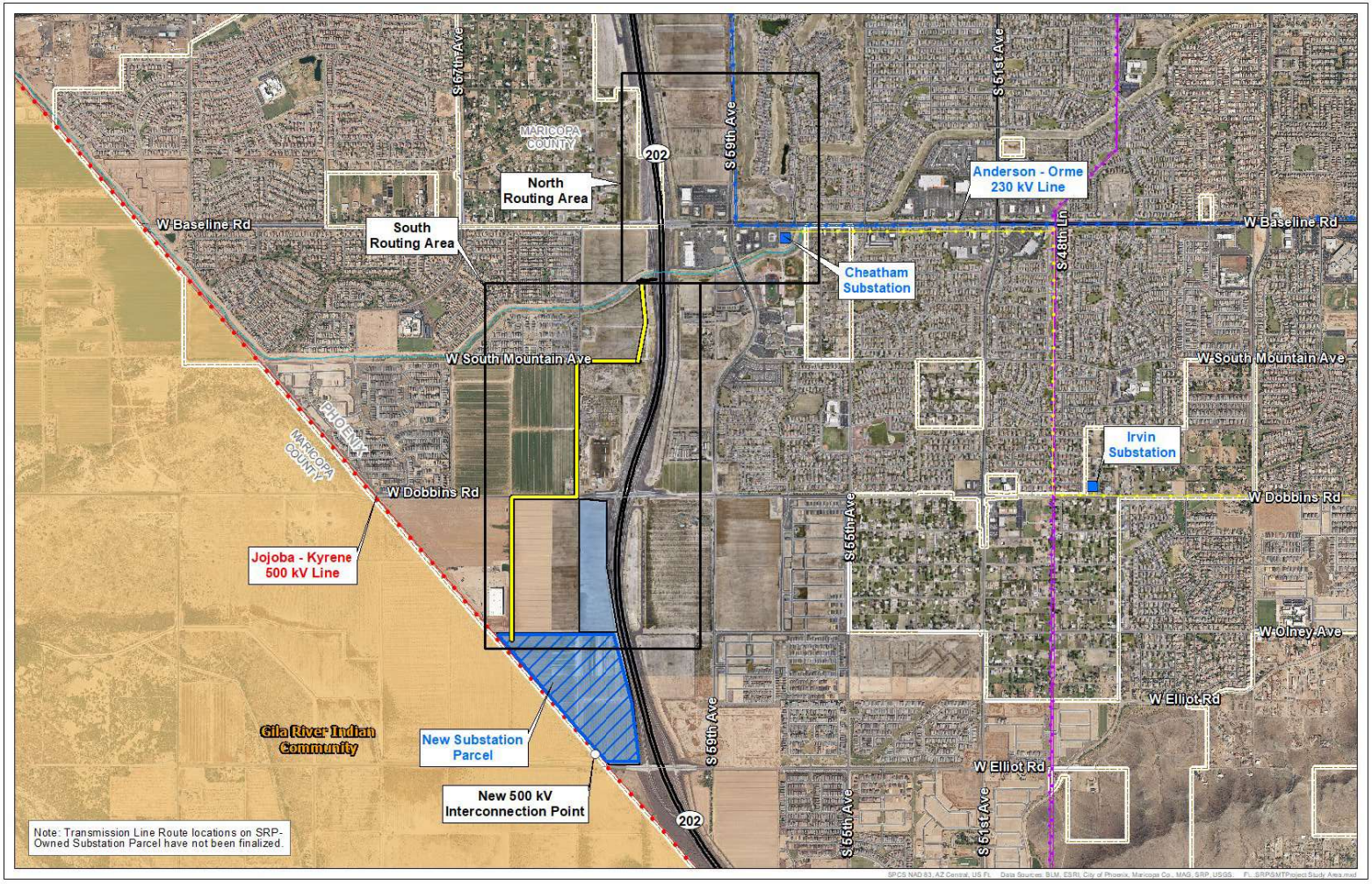


Routing Areas (Project Requires Two Routes in Each Routing Area)

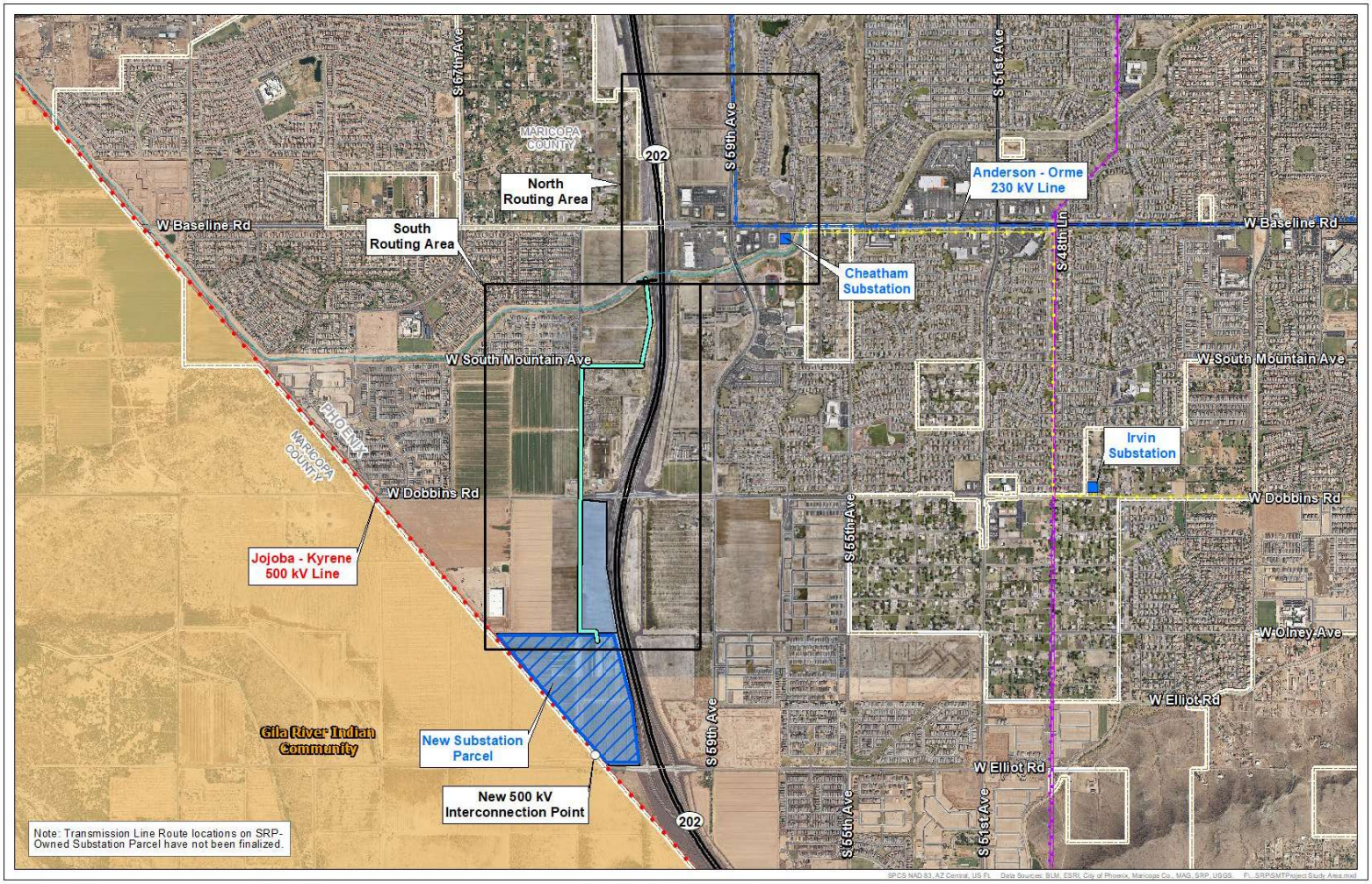


Routes subject to change

Route S1 (Project Requires Two Routes in Each Routing Area)

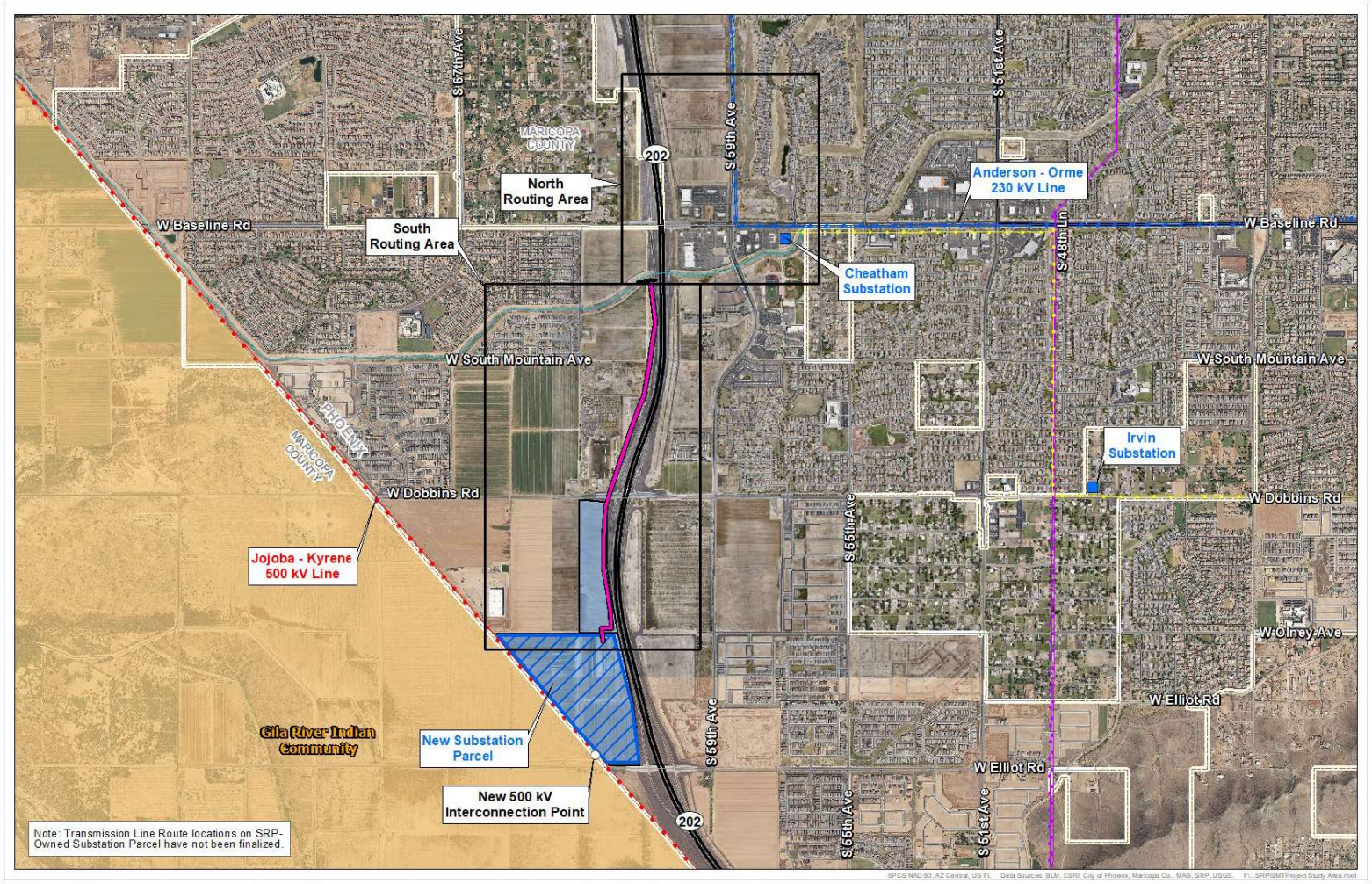


Route S2 (Project Requires Two Routes in Each Routing Area)



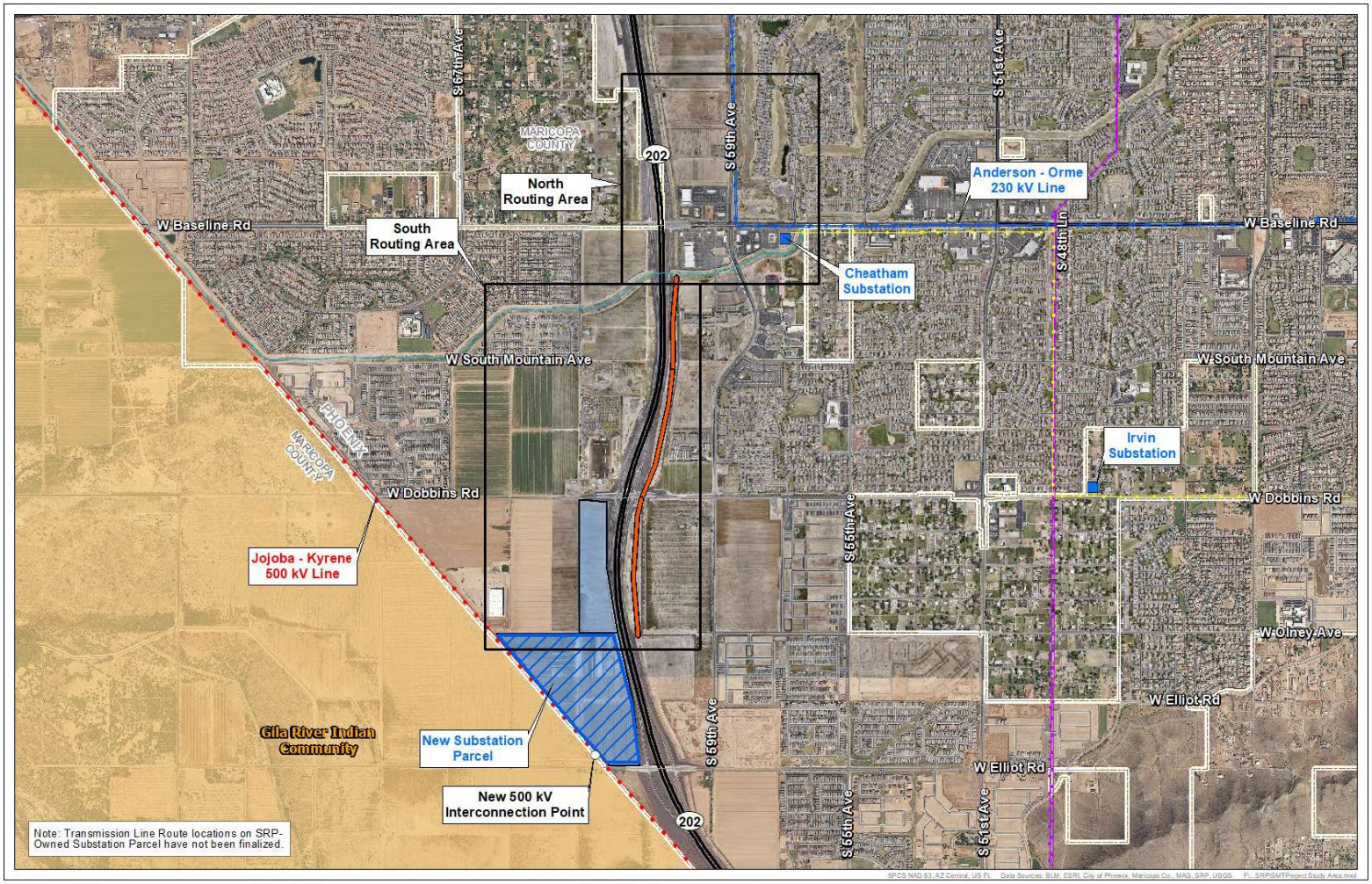
Routes subject to change

Route S3 (Project Requires Two Routes in Each Routing Area)



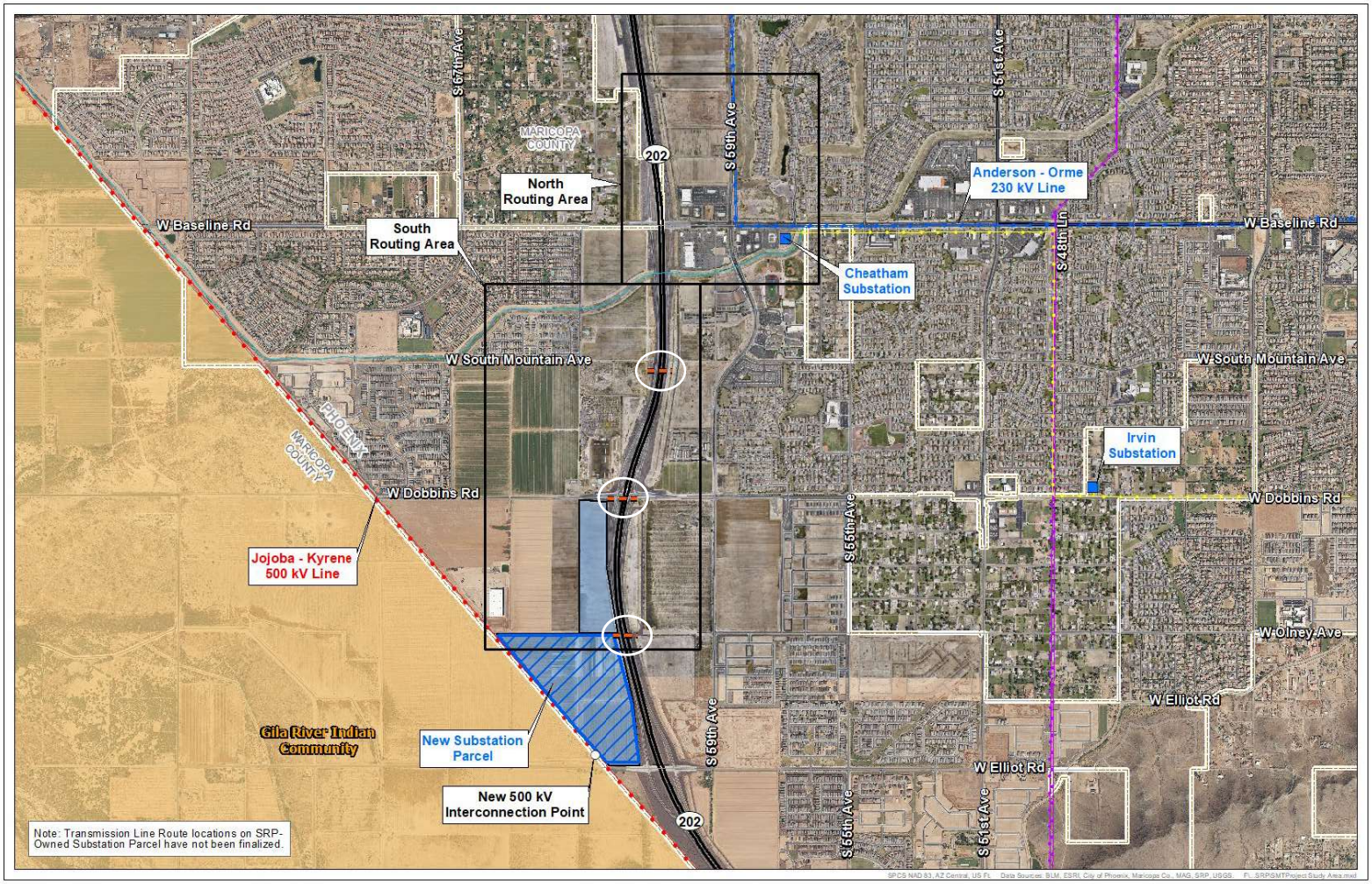
Routes subject to change

Route S4 (Project Requires Two Routes in Each Routing Area)



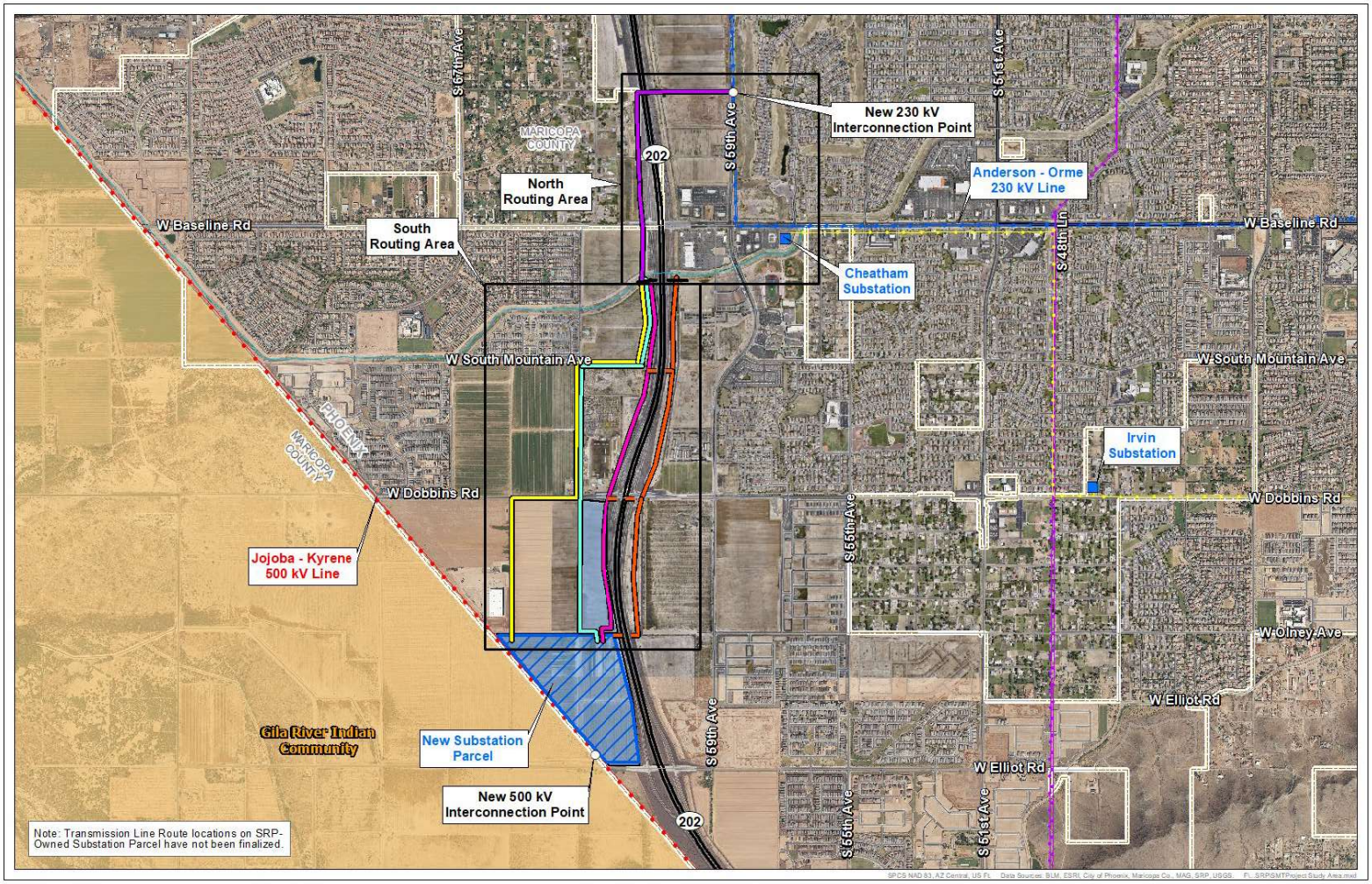
Routes subject to change

Loop 202 Crossings



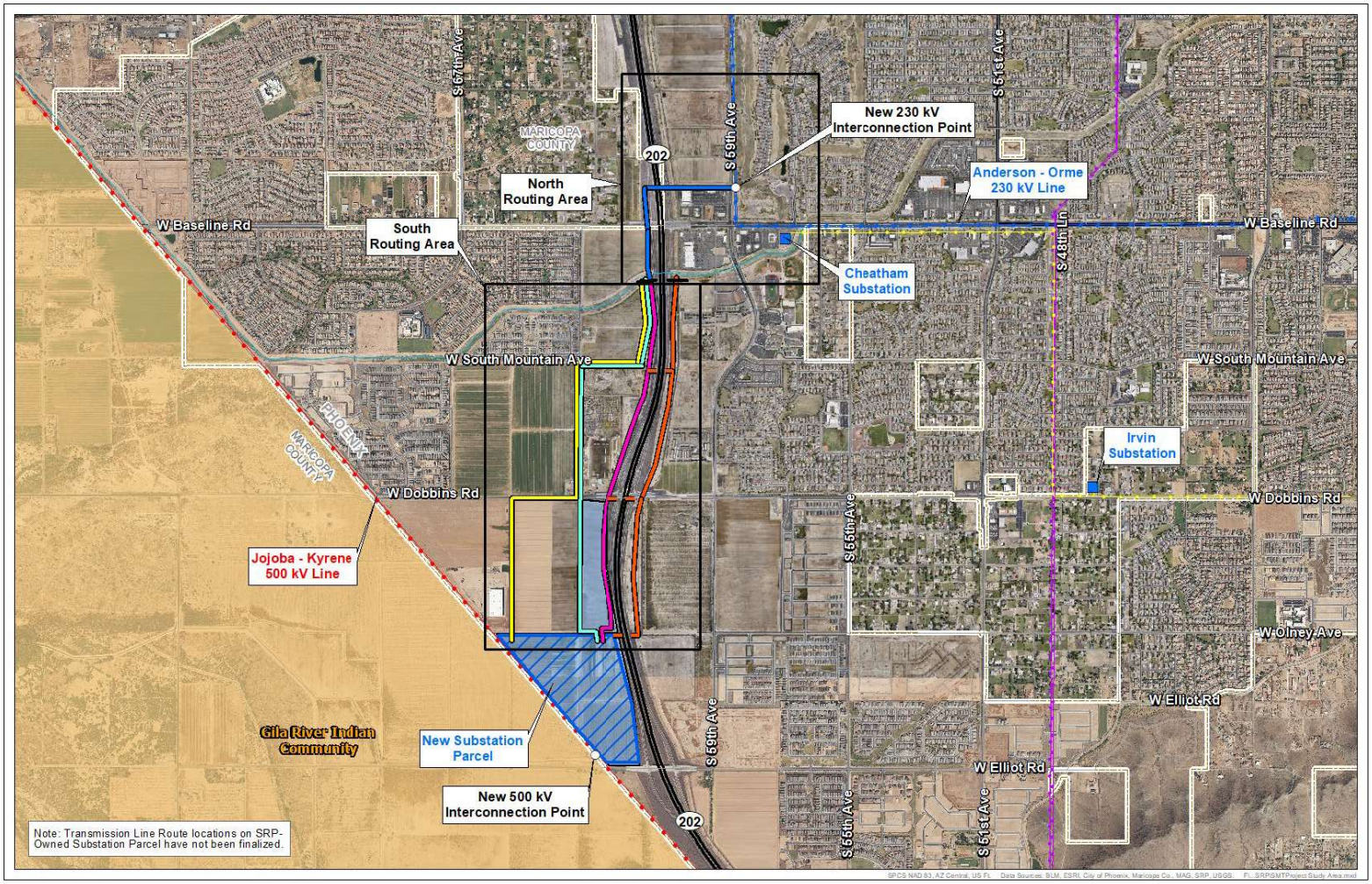
Routes subject to change

Route N1 (Project Requires Two Routes in Each Routing Area)



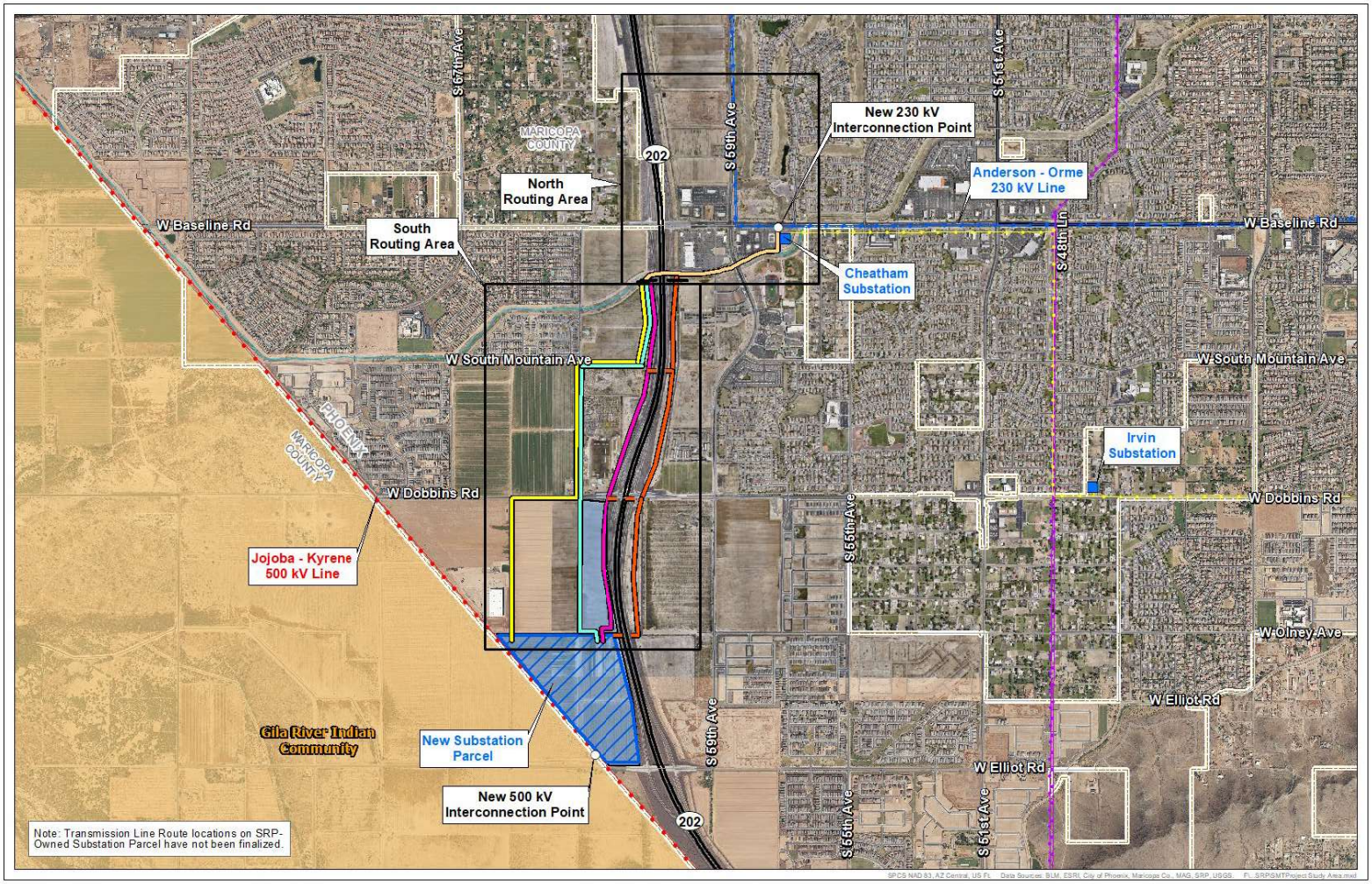
Routes subject to change

Route N2 (Project Requires Two Routes in Each Routing Area)



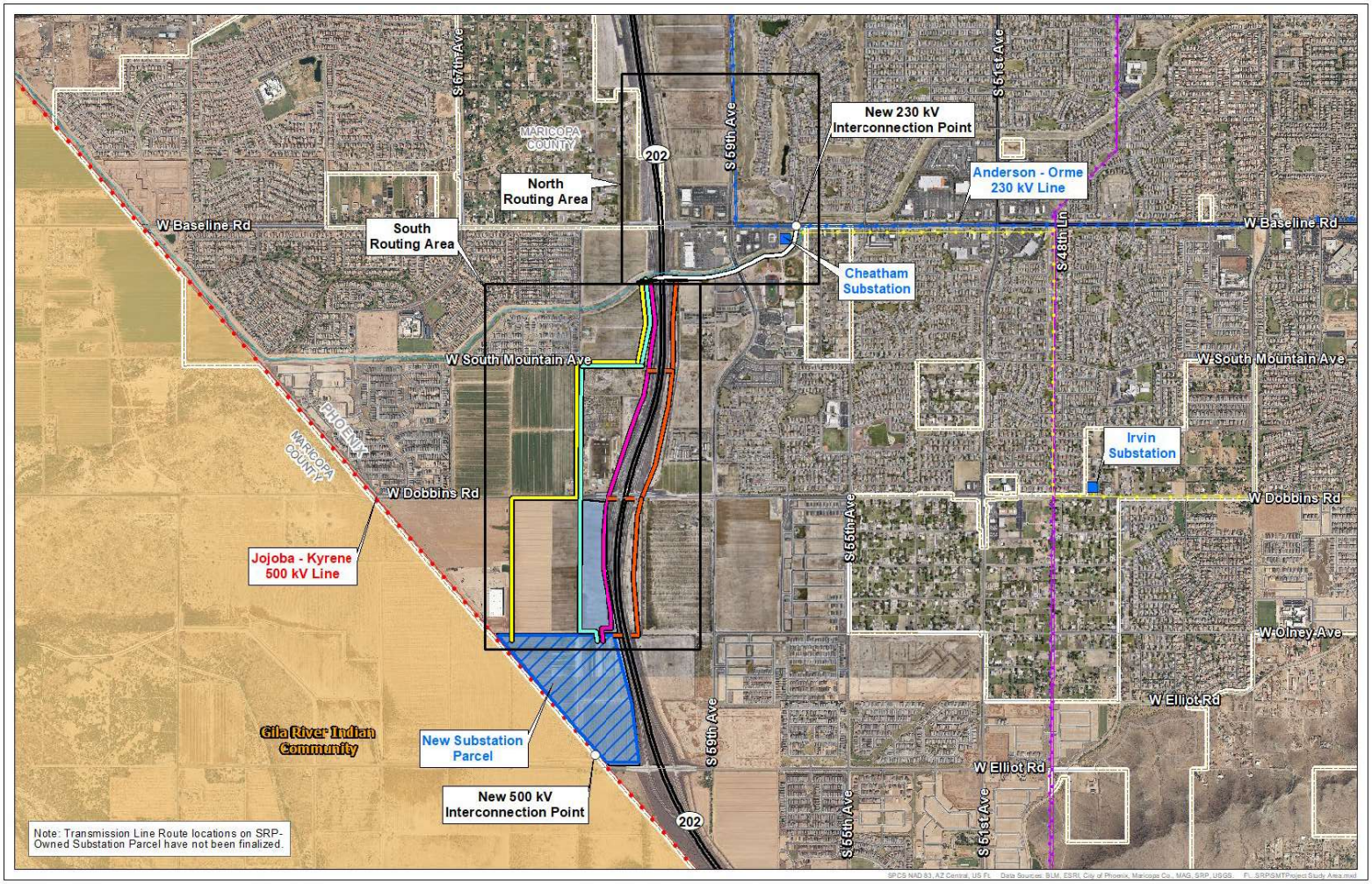
Routes subject to change

Route N3 (Project Requires Two Routes in Each Routing Area)



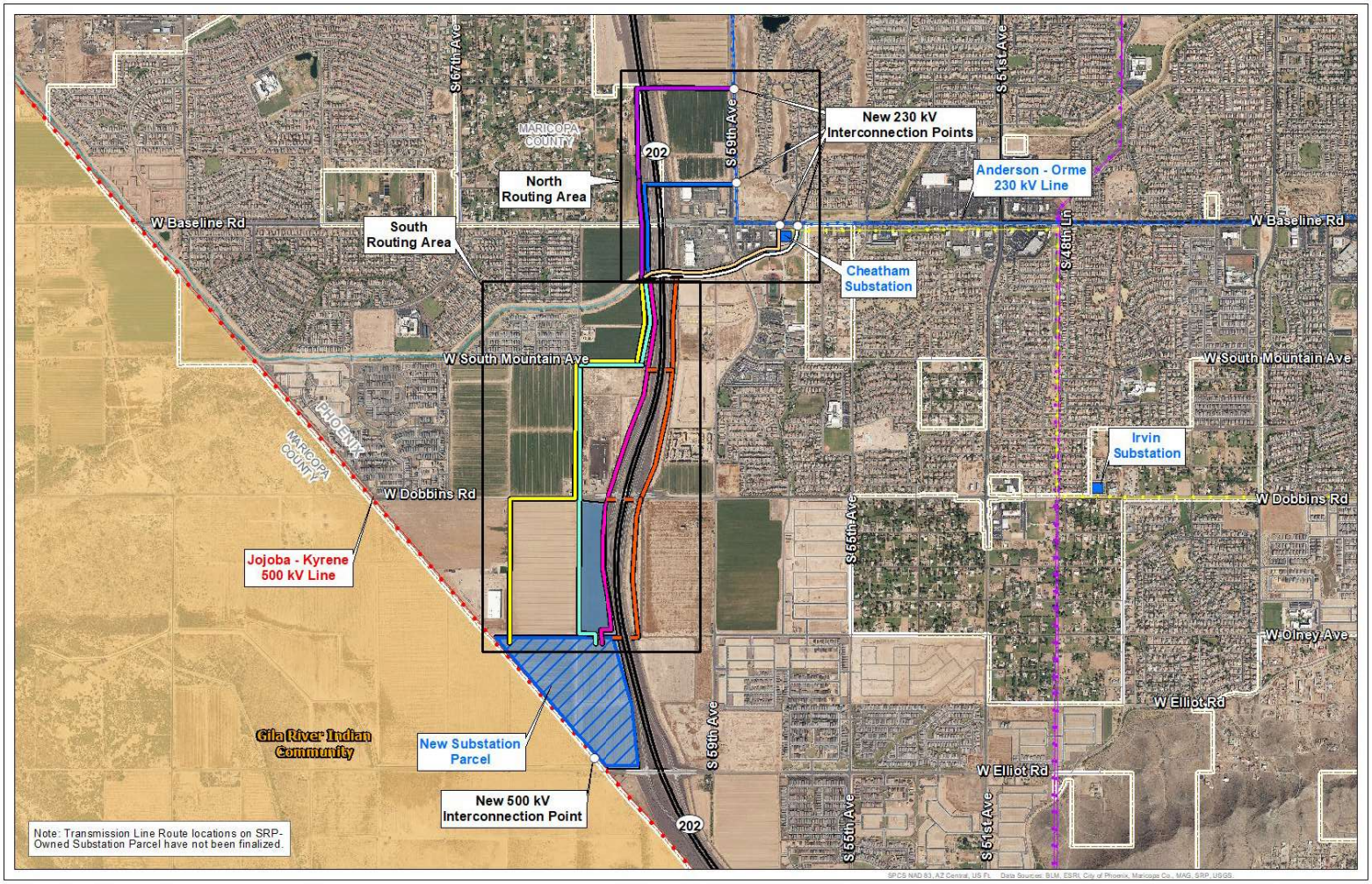
Routes subject to change

Route N4 (Project Requires Two Routes in Each Routing Area)



Routes subject to change

Project Routes (Project Requires Two Routes in Each Routing Area)



Routes subject to change

Engineering and Construction

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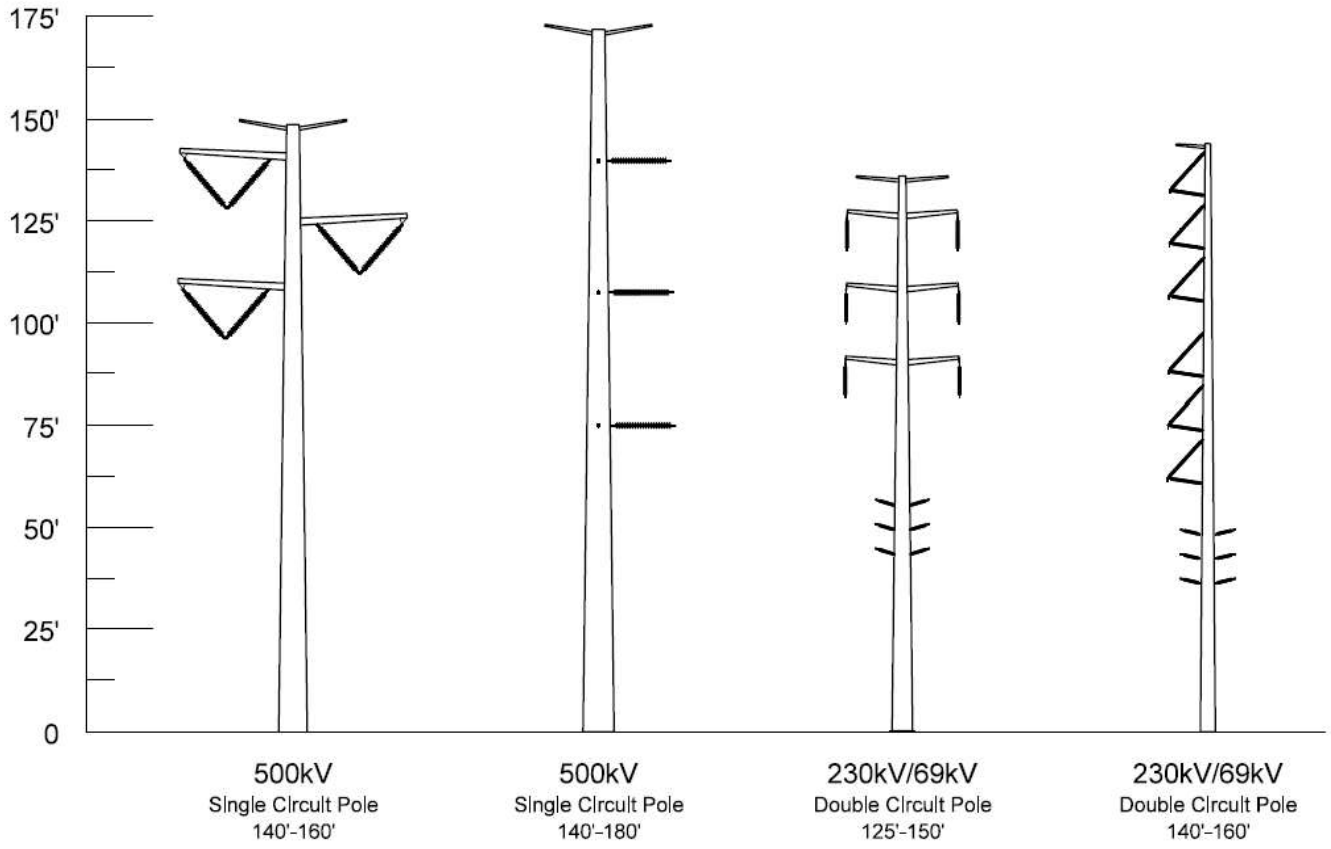
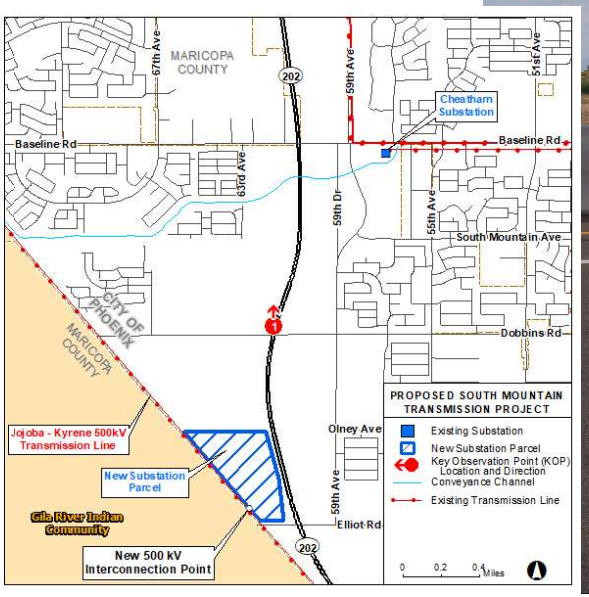
Typical Structure Types



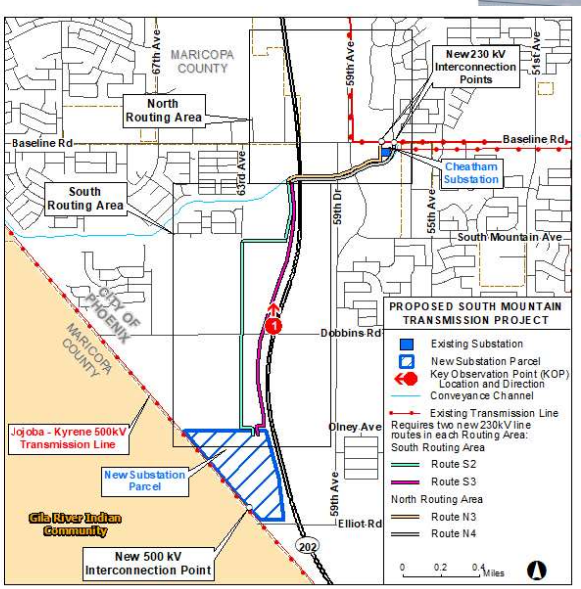
Represents SRP's typical structures. Actual structure types for this project have not yet been determined and may vary depending on location.





Existing Conditions
Loop 202 Looking North

KOP #1

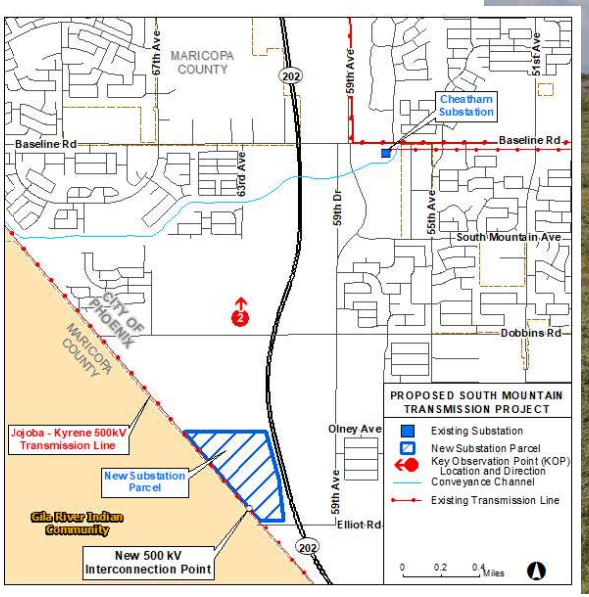




Proposed Conditions, Routes S2, S3, N3, N4
Loop 202 Looking North

KOP #1

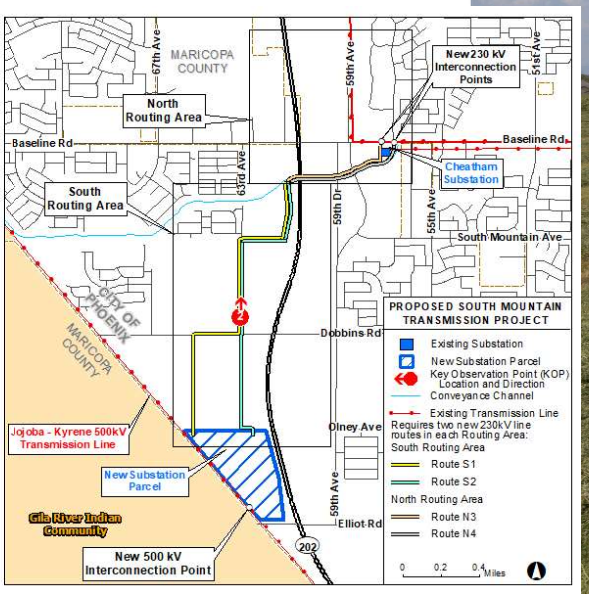
This is for graphic representation only, and exact structure locations have not been determined.





Existing Conditions
South 63rd Avenue Looking North

KOP #2

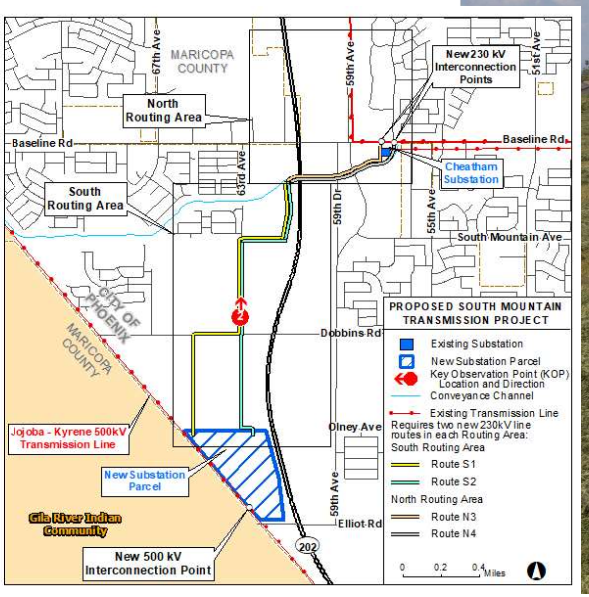




Proposed Conditions, Routes S1, S2, N3, N4
South 63rd Avenue Looking North

KOP #2

This is for graphic representation only, and exact structure locations have not been determined.

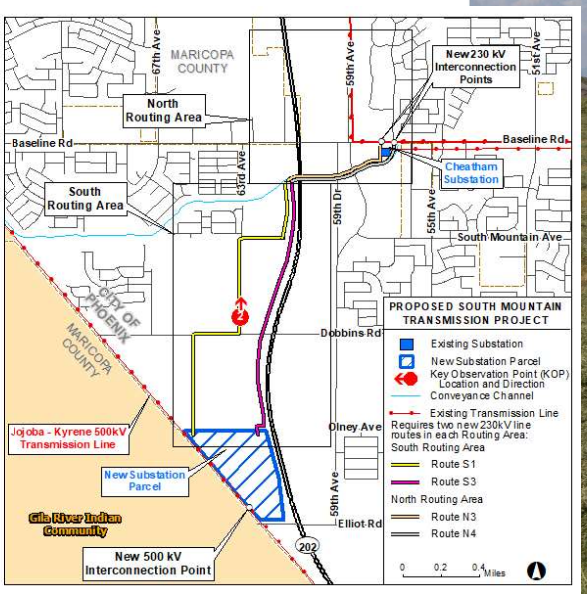




Proposed Conditions, Routes S1, S2, N3, N4
South 63rd Avenue Looking North

KOP #2

This is for graphic representation only, and exact structure locations have not been determined.

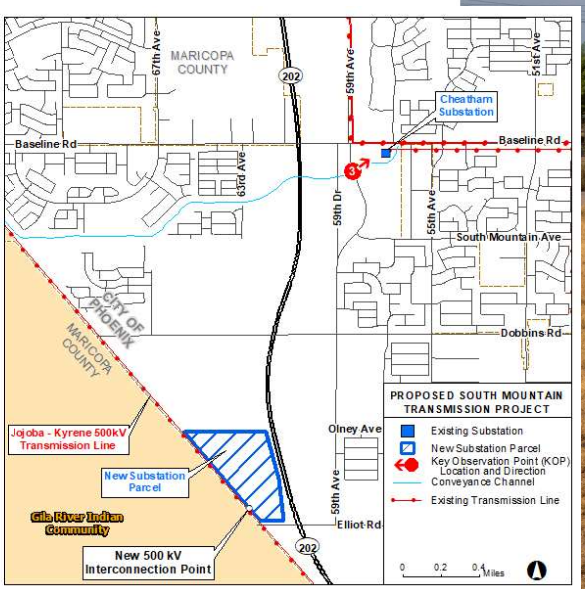




Proposed Conditions, Routes S1, (S3), N3, N4
South 63rd Avenue Looking North

KOP #2

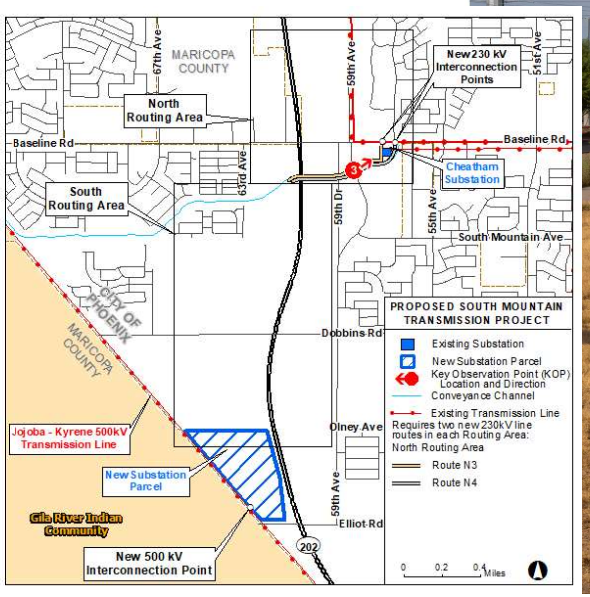
This is for graphic representation only, and exact structure locations have not been determined.





Existing Conditions
Conveyance Channel Looking Northeast

KOP #3

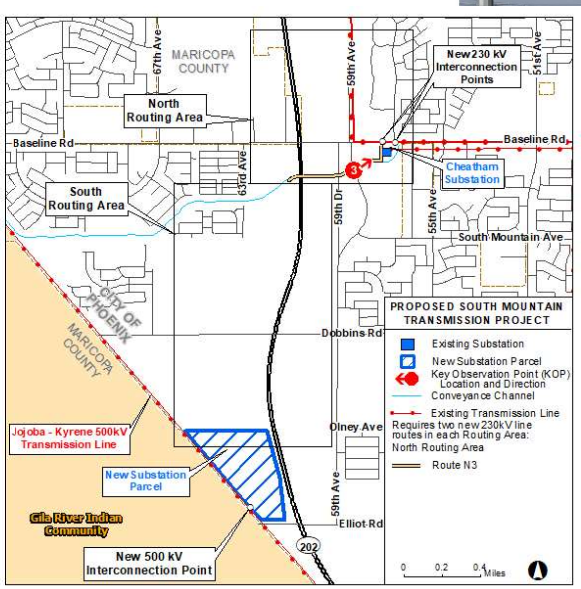




Proposed Conditions, Routes N3, N4
Conveyance Channel Looking Northeast

KOP #3

This is for graphic representation only, and exact structure locations have not been determined.



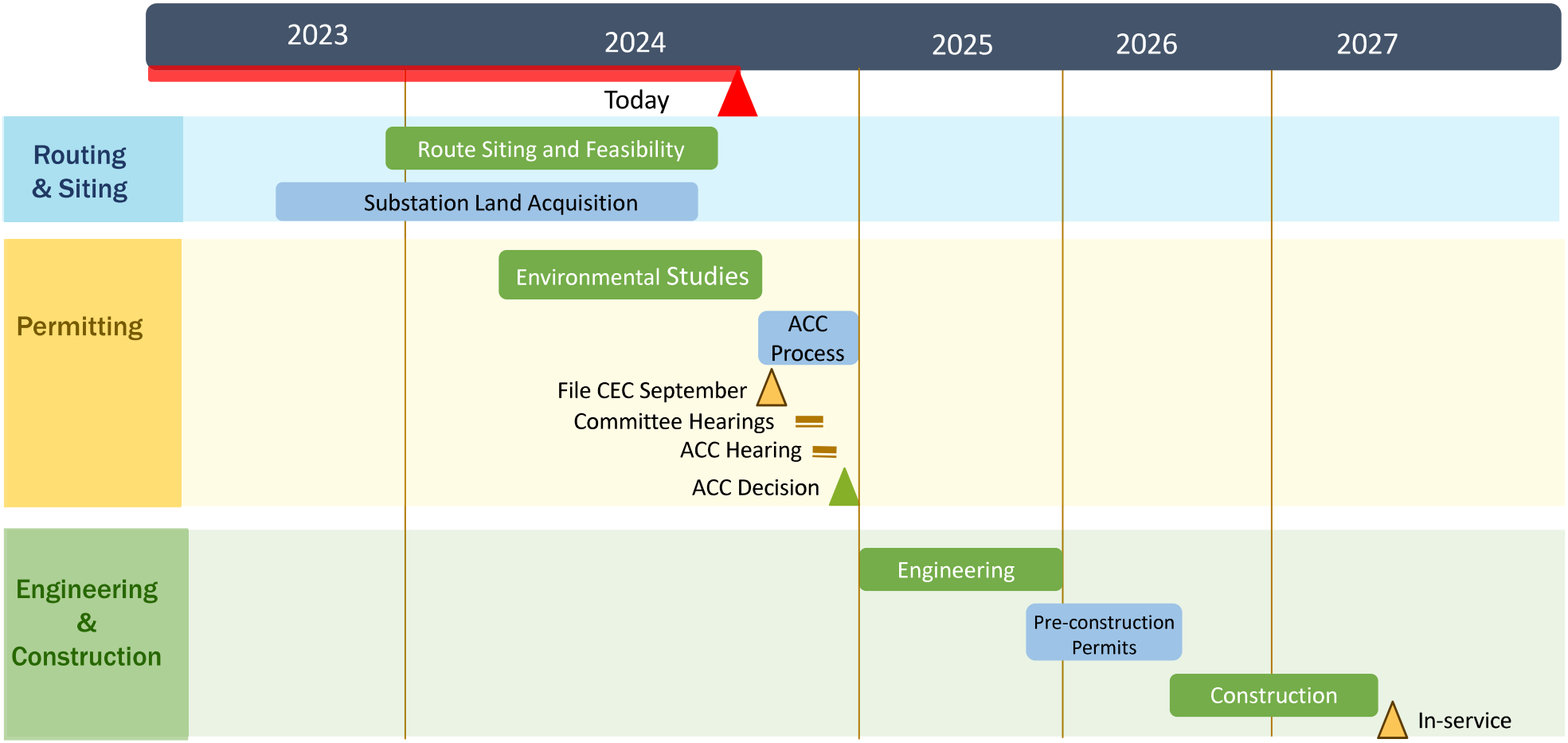


Proposed Conditions, Route N3
Conveyance Channel Looking Northeast

KOP #3

This is for graphic representation only, and exact structure locations have not been determined.

Development Timeline



Siting, Environmental and Regulatory Process

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Statutory Requirements: Environmental

Air Quality

Biological Resources

Cultural and Historical Resources

Geology and Soils

Hydrology

Land Use

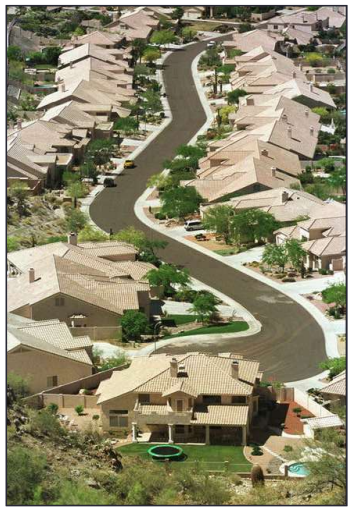
Noise

Recreation

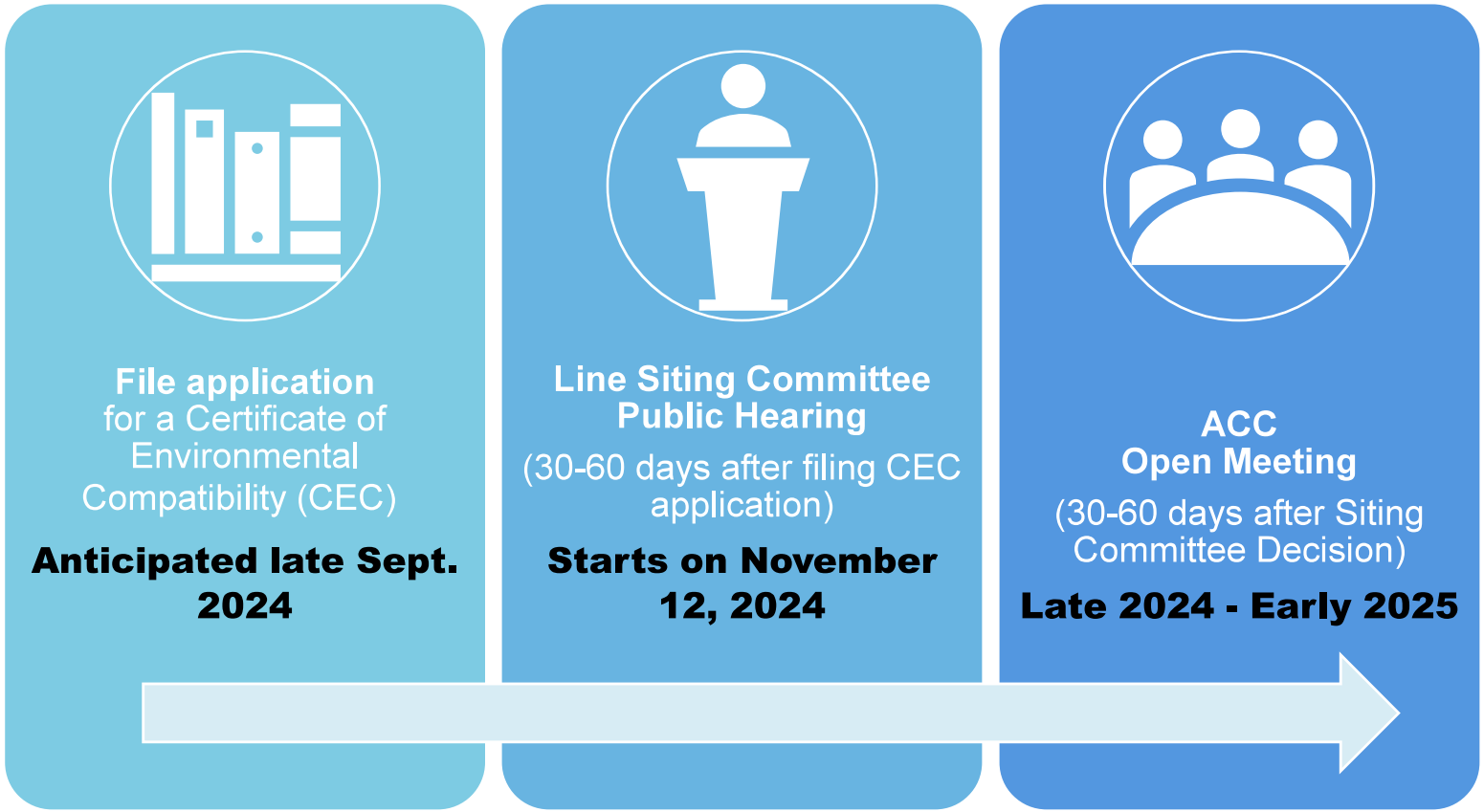
Visual and Aesthetics



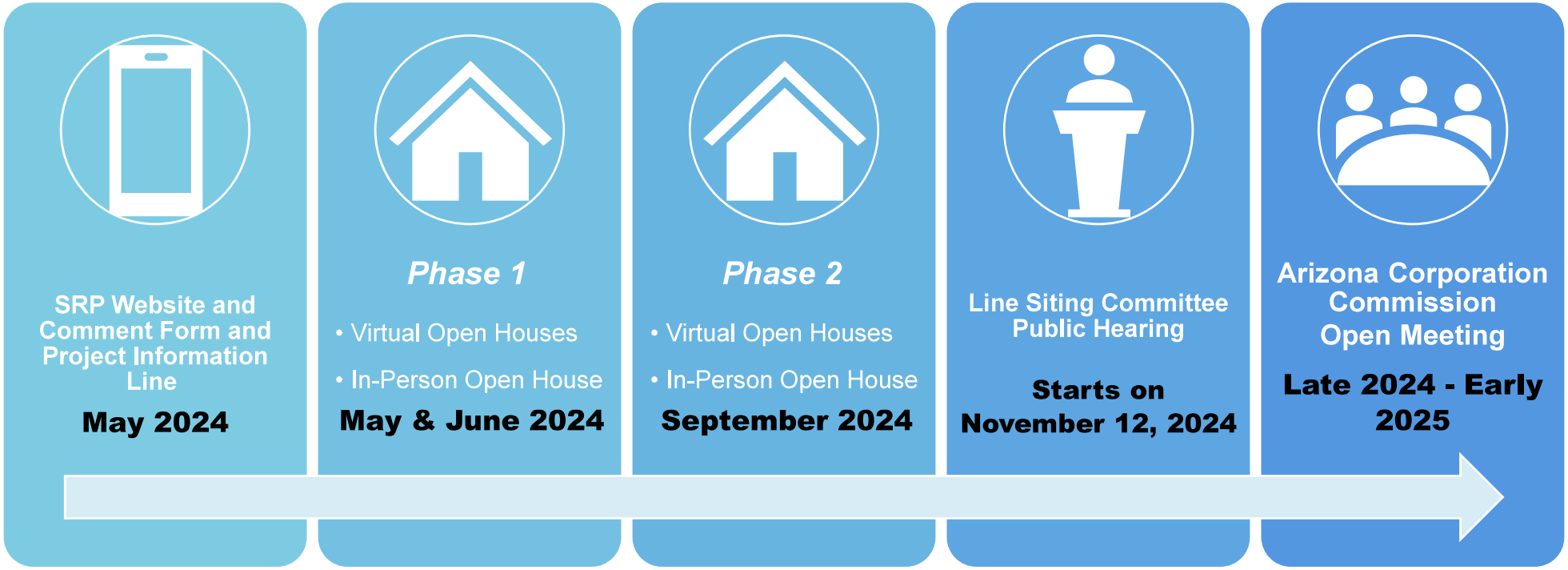




Arizona Corporation Commission (ACC) Siting Process



Opportunities for Public Input



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

Phase 2 Open Houses

Virtual Open House

September 5, 2024

12:00 pm & 5:30 pm

In-Person Open House

September 10, 2024

4:30-6:30 pm

Ice cream truck at 4:00 pm

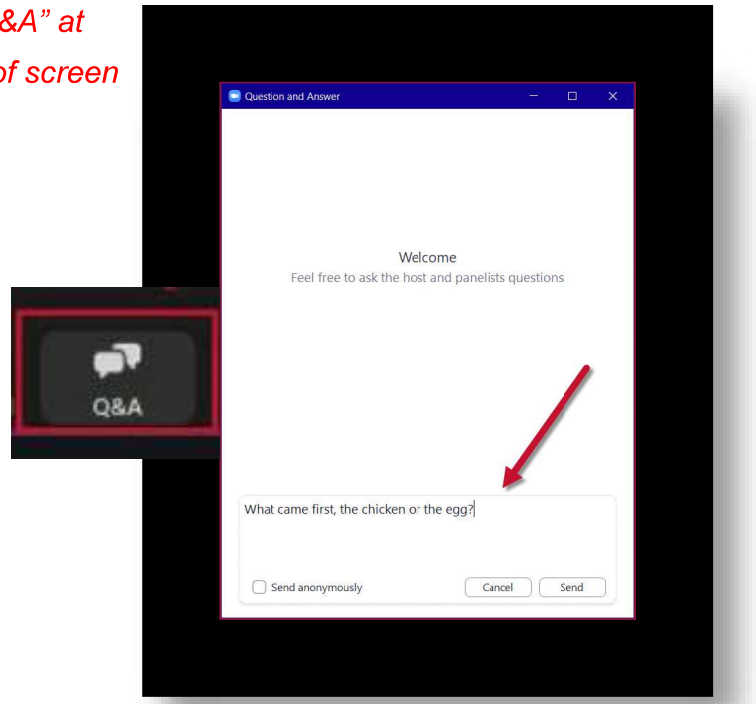
(Cesar Chavez Community Center)

Open House Sign Up

Questions

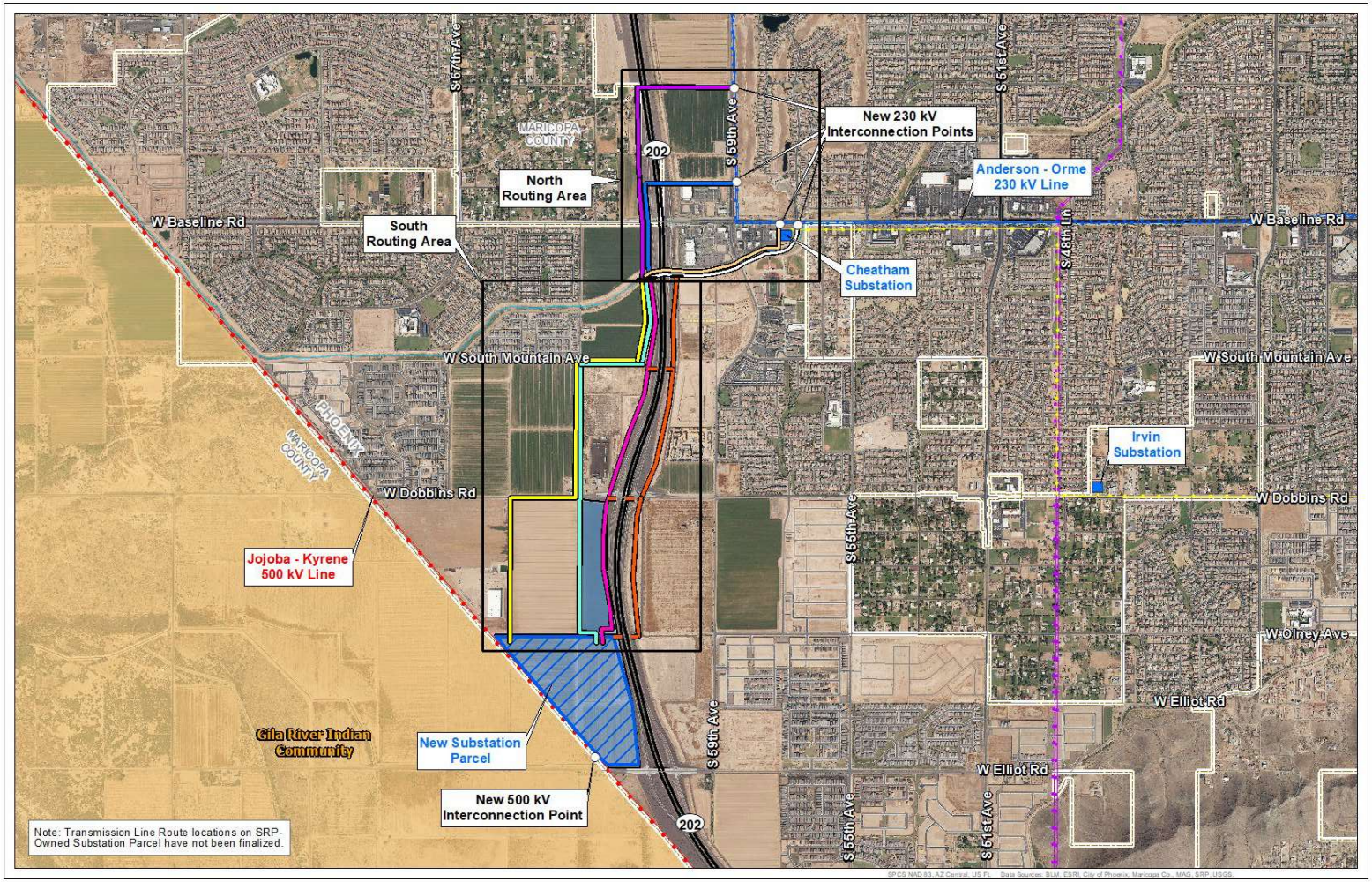
- Use the Q&A Feature to type in questions
- Can ask questions throughout the presentation
- We will respond to as many questions as we can

Click "Q&A" at bottom of screen



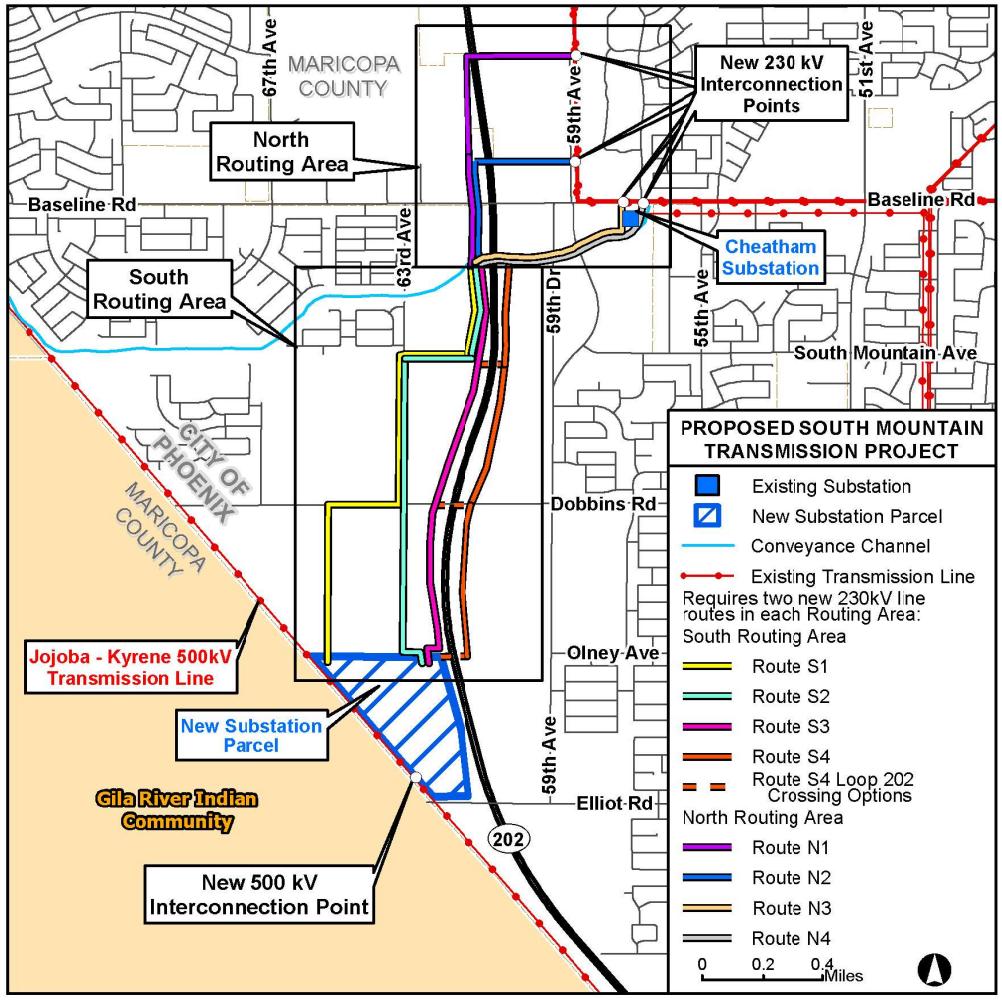
www.srp.net/SMT
1-855-584-1484

Project Routes (Project Requires Two Routes in each Routing Area)



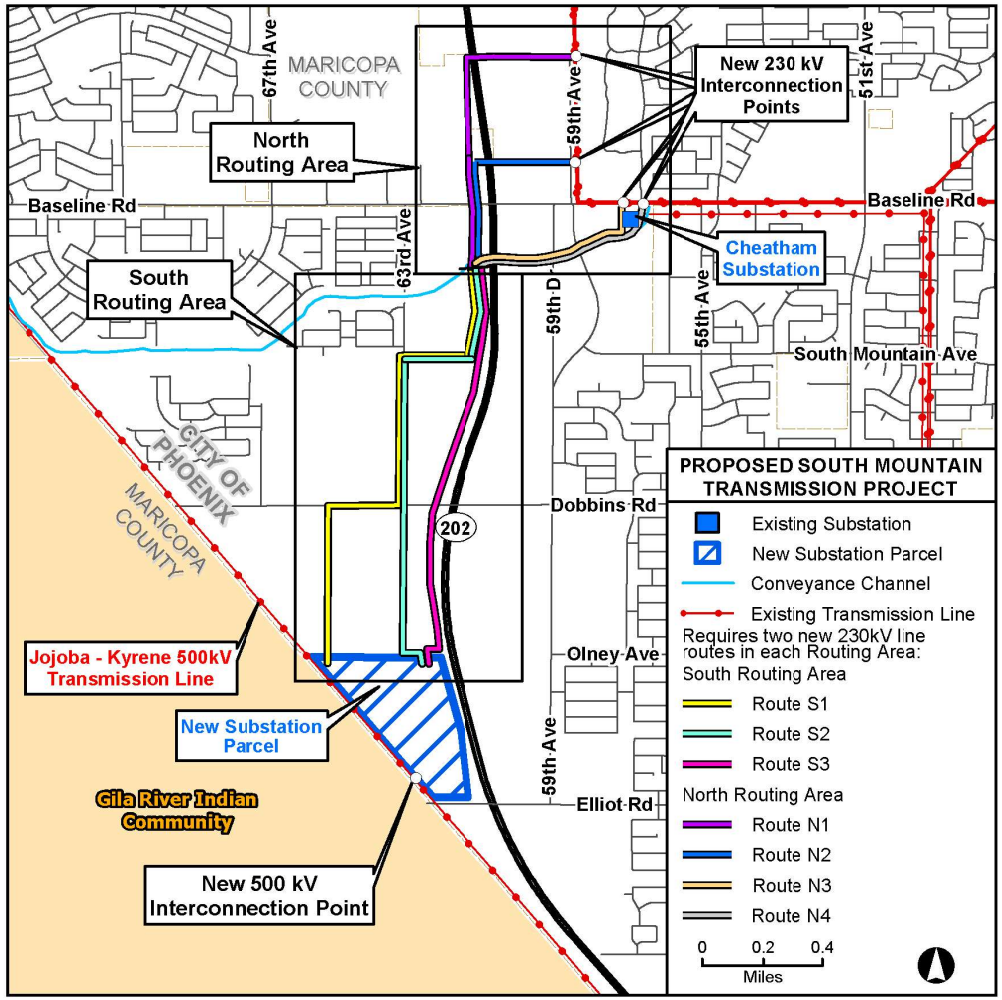
Routes subject to change

Project Routes (Project Requires Two Routes in each Routing Area)



Routes subject to change

Postcard #2 (Project Requires Two Routes in each Routing Area)



thank you!

Attendee Report			
SMT Virtual #1			
Attendee Details			
User Name (Original Name)	Join Time	Leave Time	Time in Session (minutes)
16026281921	9/5/2024 11:59	9/5/2024 12:14	15
Todd Anderson	9/5/2024 12:03	9/5/2024 13:03	60
David F	9/5/2024 12:52	9/5/2024 13:03	11
Margaret Moore	9/5/2024 11:59	9/5/2024 13:03	65
Dimitri Binns	9/5/2024 12:05	9/5/2024 12:59	55
Dan Penton	9/5/2024 12:05	9/5/2024 13:03	59
Shawn Gulstad	9/5/2024 12:01	9/5/2024 13:03	62
14159330808	9/5/2024 12:02	9/5/2024 12:06	4
Carol Brown	9/5/2024 12:33	9/5/2024 12:38	5
Cathy Kim	9/5/2024 12:01	9/5/2024 13:03	62
Lori Knudson	9/5/2024 11:58	9/5/2024 13:03	65
inaminu5’s iPad	9/5/2024 12:03	9/5/2024 13:03	60
Kristen Browne (1)	9/5/2024 11:59	9/5/2024 13:03	64
Kristen Browne (2)	9/5/2024 12:00	9/5/2024 13:03	63
Cindy Moser	9/5/2024 12:01	9/5/2024 13:03	62
Susan Nunez	9/5/2024 12:07	9/5/2024 12:24	18
BJBRADY	9/5/2024 12:00	9/5/2024 13:03	64
James Doone	9/5/2024 12:04	9/5/2024 12:21	17
Sonia Brown	9/5/2024 12:04	9/5/2024 12:53	49
Franklin Zyriek	9/5/2024 11:59	9/5/2024 13:03	64
Netoya	9/5/2024 12:07	9/5/2024 13:03	57
Margie	9/5/2024 11:58	9/5/2024 13:03	66
Rich Bray	9/5/2024 12:19	9/5/2024 13:03	45
will C	9/5/2024 12:32	9/5/2024 13:03	31
John	9/5/2024 12:06	9/5/2024 13:05	60
C P	9/5/2024 11:56	9/5/2024 13:03	67
Andrea Blakely	9/5/2024 12:08	9/5/2024 13:03	55
Beth Landish	9/5/2024 12:00	9/5/2024 13:03	64
Zachary Pebler	9/5/2024 12:04	9/5/2024 12:37	33
Ricky	9/5/2024 12:03	9/5/2024 13:03	60
Tony Allred	9/5/2024 12:02	9/5/2024 12:50	48
Sherri Koshiol	9/5/2024 12:11	9/5/2024 12:58	48
Brad Anderson	9/5/2024 11:59	9/5/2024 13:02	64
Greg	9/5/2024 12:06	9/5/2024 12:58	53
Mike	9/5/2024 12:05	9/5/2024 13:03	58
Rosanna Escobedo (1)	9/5/2024 11:57	9/5/2024 12:49	53

Rosanna Escobedob(2)	9/5/2024 11:57	9/5/2024 12:40	43
Brandon Blakely	9/5/2024 12:02	9/5/2024 13:01	60

Attendee Report			
SMT Virtual #2			
Attendee Details			
User Name (Original Na	Join Time	Leave Time	Time in Session (minutes)
Stephers	9/5/2024 18:16	9/5/2024 18:16	1
Catherine Lee	9/5/2024 17:28	9/5/2024 18:16	48
Carol Brown	9/5/2024 17:28	9/5/2024 17:48	21
Richard Billman	9/5/2024 17:28	9/5/2024 18:16	49
REGOODEN	9/5/2024 17:28	9/5/2024 18:08	40
Heidi Mims	9/5/2024 17:29	9/5/2024 18:16	48
Brenda Henandez	9/5/2024 17:45	9/5/2024 18:16	32
Mary Bowden	9/5/2024 17:56	9/5/2024 18:16	21
Kristi	9/5/2024 17:32	9/5/2024 18:07	35
Daniel Peraza	9/5/2024 17:29	9/5/2024 18:16	48
Shannon Joya	9/5/2024 17:52	9/5/2024 18:16	25
Elizabeth Douglas	9/5/2024 17:31	9/5/2024 17:49	19
David F	9/5/2024 17:59	9/5/2024 18:16	18

Question Report		
Report Generated:	9/5/2024 13:16	
Topic		
SMT Virtual #1		
Question Details		
#	Question	Asker Name
1	I think the expansion is a great idea and need for the area. how do we work towards keeping them out of our neighborhood (place them outside of the neighborhood not through it).	Mike
2	My preference would be for the “southern route” to run as close to the 202 highway as possible, not running along the 63rd ave. Preferably southern route “#4”. Have concern with the lines running through all of the new proposed construction on the 63rd ave corridor. I think it would impact the planned buildings that are coming. Thx!	Kristen Browne
3	For the proposed alignments along the freeway - will you be extending the pole lines within ADOT R/W or are you looking to obtain easements from adjacent properties?	Sherri Koshiol
4	Feedback comment: Any route that, as Rick stated, "hugs" the 202, is our preference, as homeowners, to keep away from the residential communities along 63rd Ave. For the southern routes, S4 and S3, before S1 and S2. While obviously needed to keep up with area growth, it is sad to see the LACC become even lesser a park than it has already degraded to, now possibly also lined with power poles and lines.	Beth Landish
5	What calendar date will the decision be made as to which of the Southern routes is selected?	Lori Knudson
6	Is the 100 ft easement on one side or both?	C P
7	i'm asking specificially as it relates to route S4	Sherri Koshiol
8	Sep has acquired 135 acres in total between Elliot and Dobbins as of May 2024. This has eliminated 1M sq ft of industrial floor space, how large is the substation and what are the plans for the remainder of the property?	Dan Penton
9	Will any routes that parallel the 202 impact traffic?	C P
10	where will the survey be to submit preferences/concerns for the lines?	Mike
11	What will the audible “noise” level associated with the over head lines. Will there be an audible hum from the active lines?	Kristen Browne
12	Why does the city/srp require under-grounding of utilities while at the same time adding aerial lines . Remove the upfront costs the equation, unless that is the sole reason for aerial lines. Long term benefits of undergrounding extend the life of lines, increase reliability and security of grid, avoid costly outages from storms and down lines and skeletons, and create a more resilient system, especially for manufacturing and data centers.	Dan Penton
13	What is the light blue area above the proposed site?	Dan Penton
14	Question - With needing a southern and northern route, does it change the routes along the LACC depending on which pair of S and N routes are selected?	Beth Landish
15	Will the construction be noisy of the substation and lines?	C P
16	I have concerns about the lines proposed that run directly along the boundary of a planned future elementary school on South Mountain Ave, 63rd Ave, west side of 202	Dan Penton
17	are there chances of rate increase on our power bills in the future to fund this project?	Mike
18	If this project fails to get approved and Laveen continues to expand and develop commercial buildings for example the Harkins Theaters can that extra demand in power potentially lead to blackouts our power outages?	Ricky
19	What types of companies and or growth are you anticipating??	C P
20	Is the 100ft ROW per line or can the lines be contained within the 100ft	Dan Penton
21	Thank you for the information!	Kristen Browne
22	I think I've heard conflicting information, will there be two lines south and two north or just one	Andrea Blakely
23	That does clarify, I thought it was one each direction, two total, not four total.	Andrea Blakely

Question Report		
Report Generated:	9/5/2024 18:19	
Topic		
SMT Virtual #2		
Question Details		
#	Question	Asker Name
1	If it is chosen to do both transmission lines along the same road, I think they should be on the same side - not one line on each side of the road.	Catherine Lee
2	Just my opinion	Catherine Lee
3	How safe are the overhead lines to health	Mary Bowden
4	Comments: I feel that lines should be placed away from residential areas.	Richard Billman
5	What prevents building along the Jojobar-kyrene 55kv line heading northwest and connecting on the north routing area down baseline heading east.	Daniel Peraza
6	what are the implications of this project for local residents? will it disrupt electricity during construction?	Brenda Henandez
7	Do all the proposed current routing options in the south and north routing arear go through industrial/mixed use areas or do any of them cross into residential or future residential areas	Daniel Peraza
8	What was the consensus of residents on the May, June, and July open house meetings for this project	Mary Bowden
9	New to the area, What is the current use of the land south of the Cheatham substation with the two proposed lines	Daniel Peraza
10	Thank you	Daniel Peraza
11	There are other schoools and a new city Park nearby	Mary Bowden

South Mountain Transmission Project

open house

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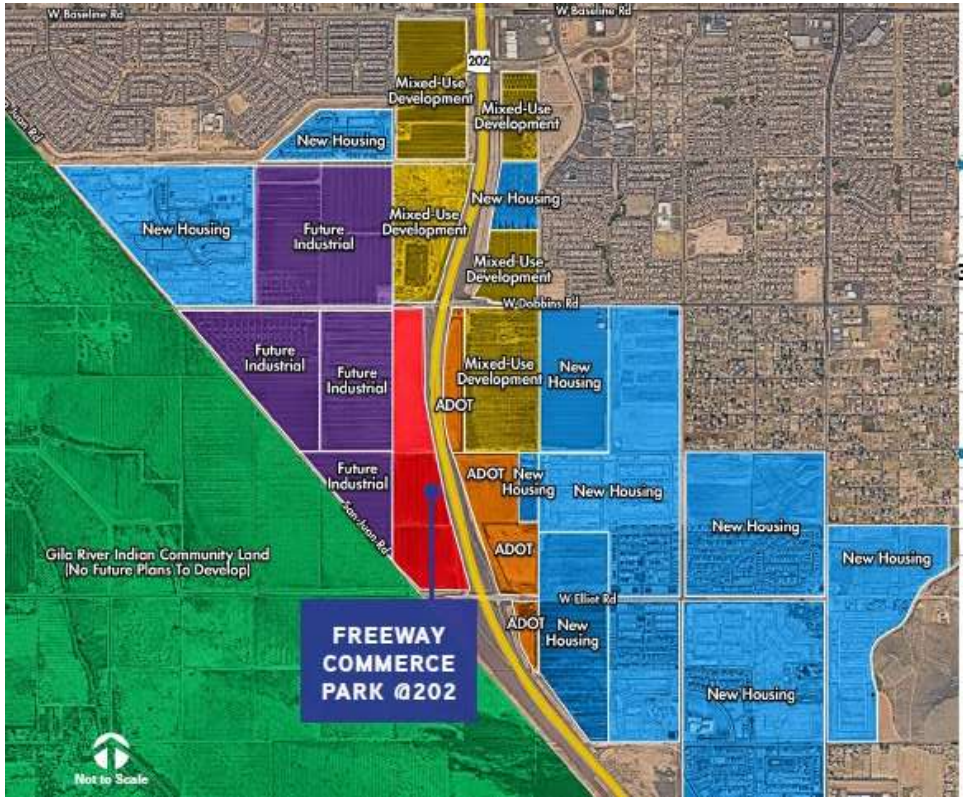
Purpose and Need

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

Project Scope

500kV/230kV/69kV substation

- The initial build out will include a 230kV & 69kV yard
- The 500kV yard will be constructed in the future

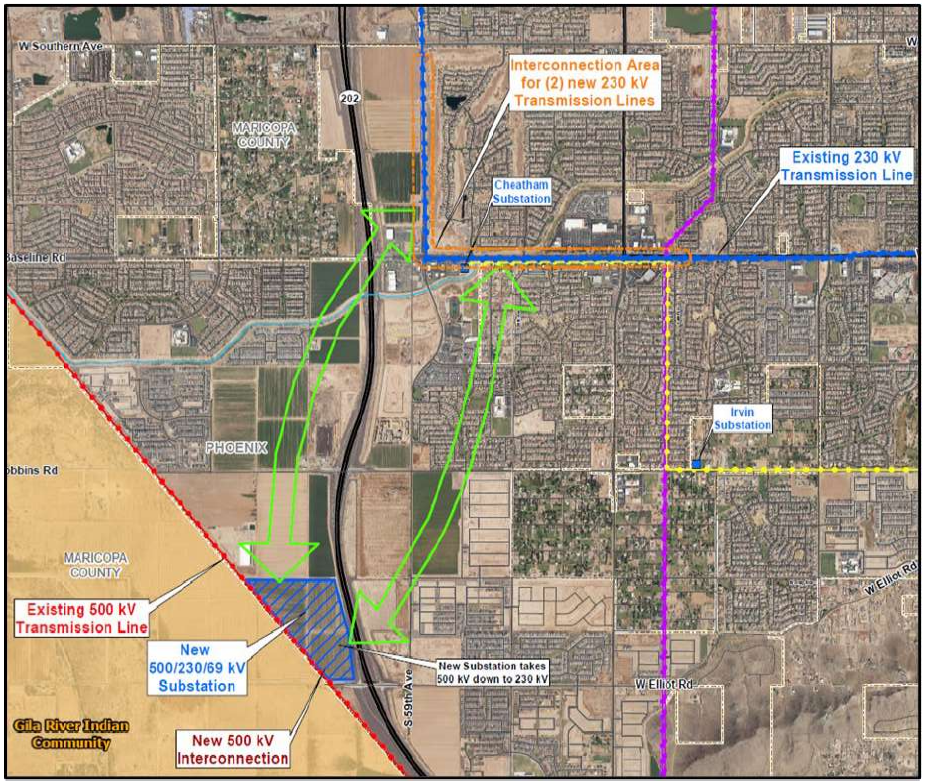
Two single-circuit 500kV line ties at substation

- The 500kV ties will be constructed in the future
- Will be less than a mile in length

Two double-circuit 230kV pole lines

- Steel 230kV monopoles
- Approx. 2 –3 miles in length
- Each 230 kV pole line will require a 100’ easement for construction and long-term maintenance of the transmission line
- Double Circuit 69 kV underbuilt will be planned for both 230 kV pole lines

The 230kV transmission lines will require a Certificate of Environmental Compatibility (CEC)



Potential Structure Types

230 kV poles examples with 69 kV underbuild

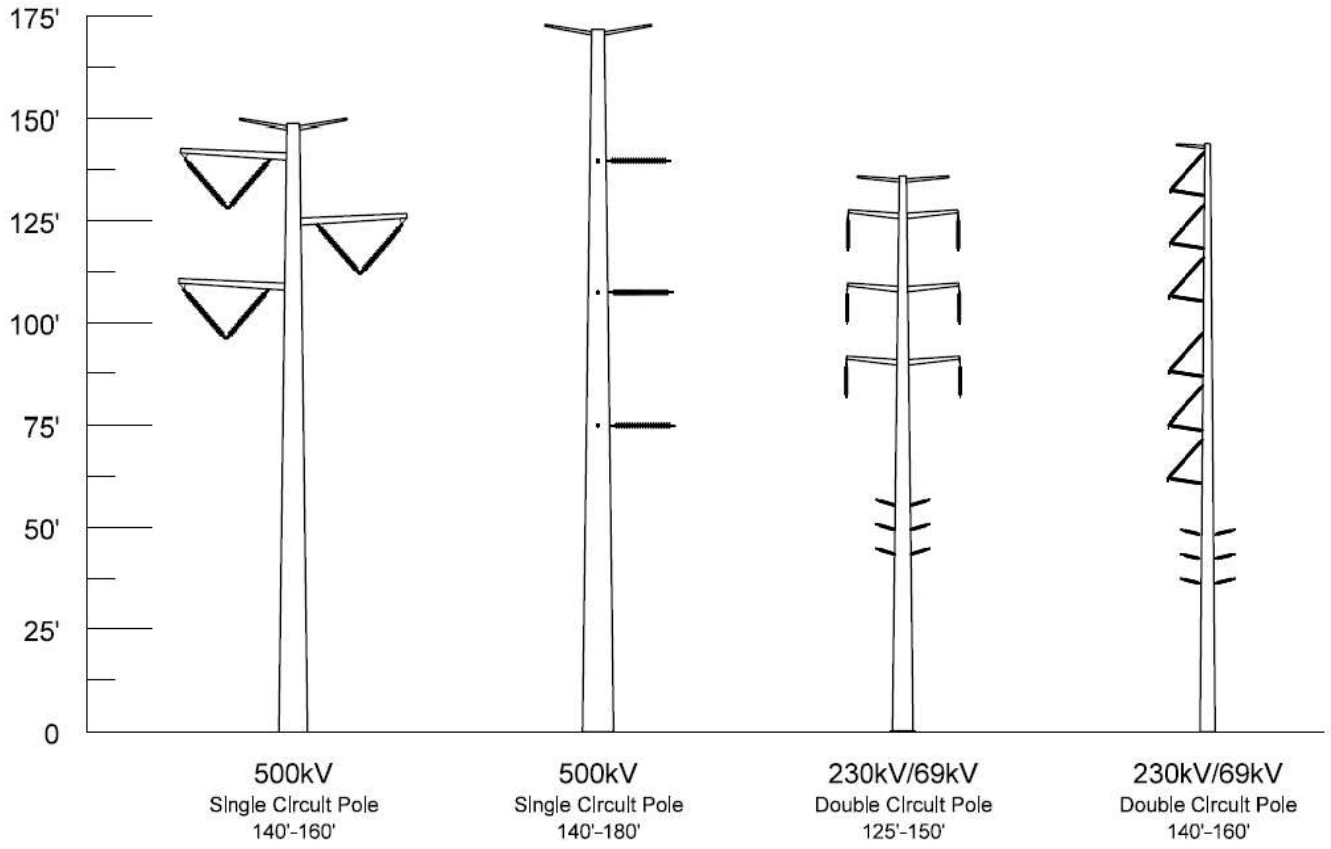
Typical height 120-160 feet tall

***Will require a CEC from ACC**





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.

Existing 500kV Line Near Future Substation Site

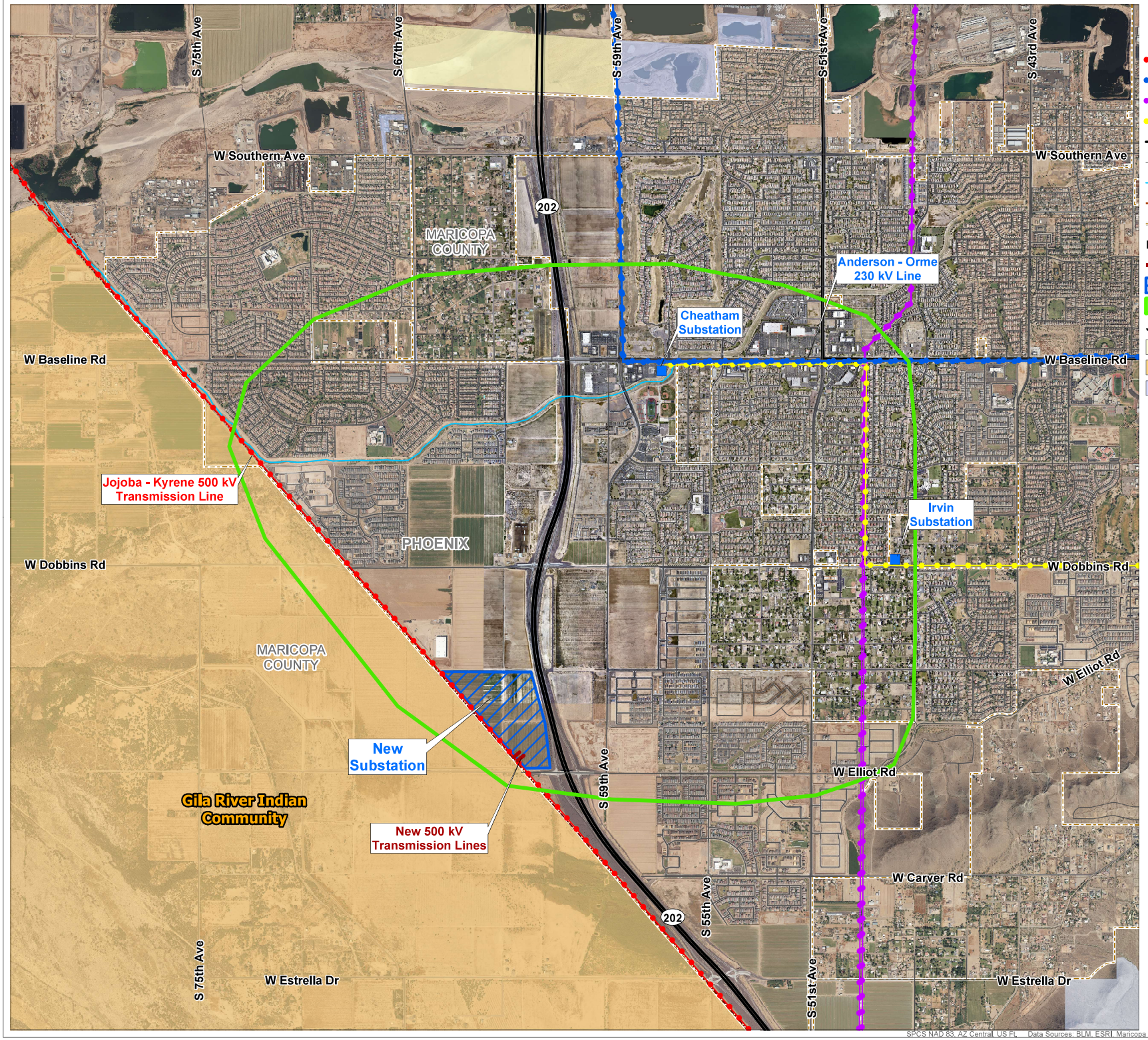


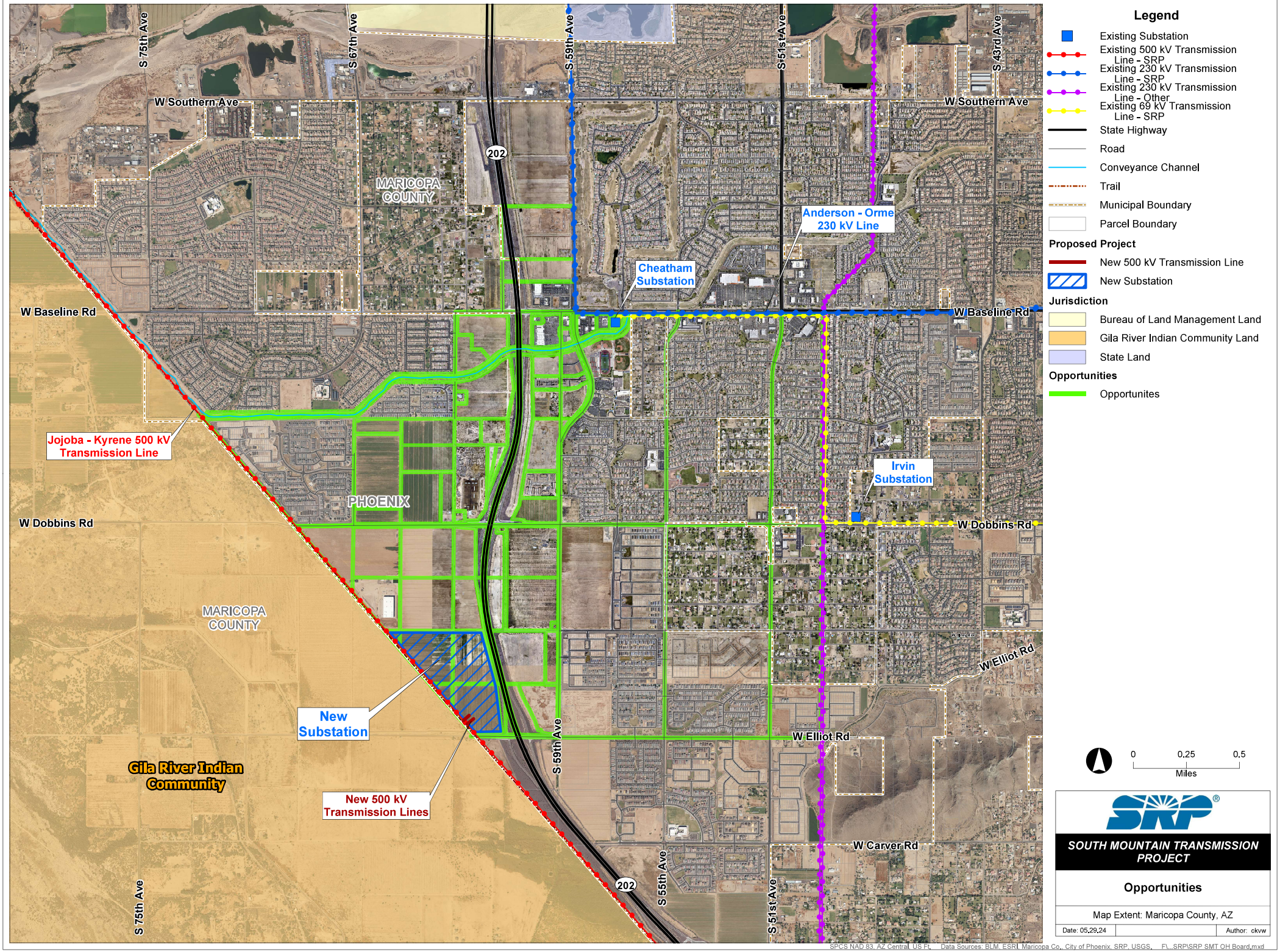
Substation Example

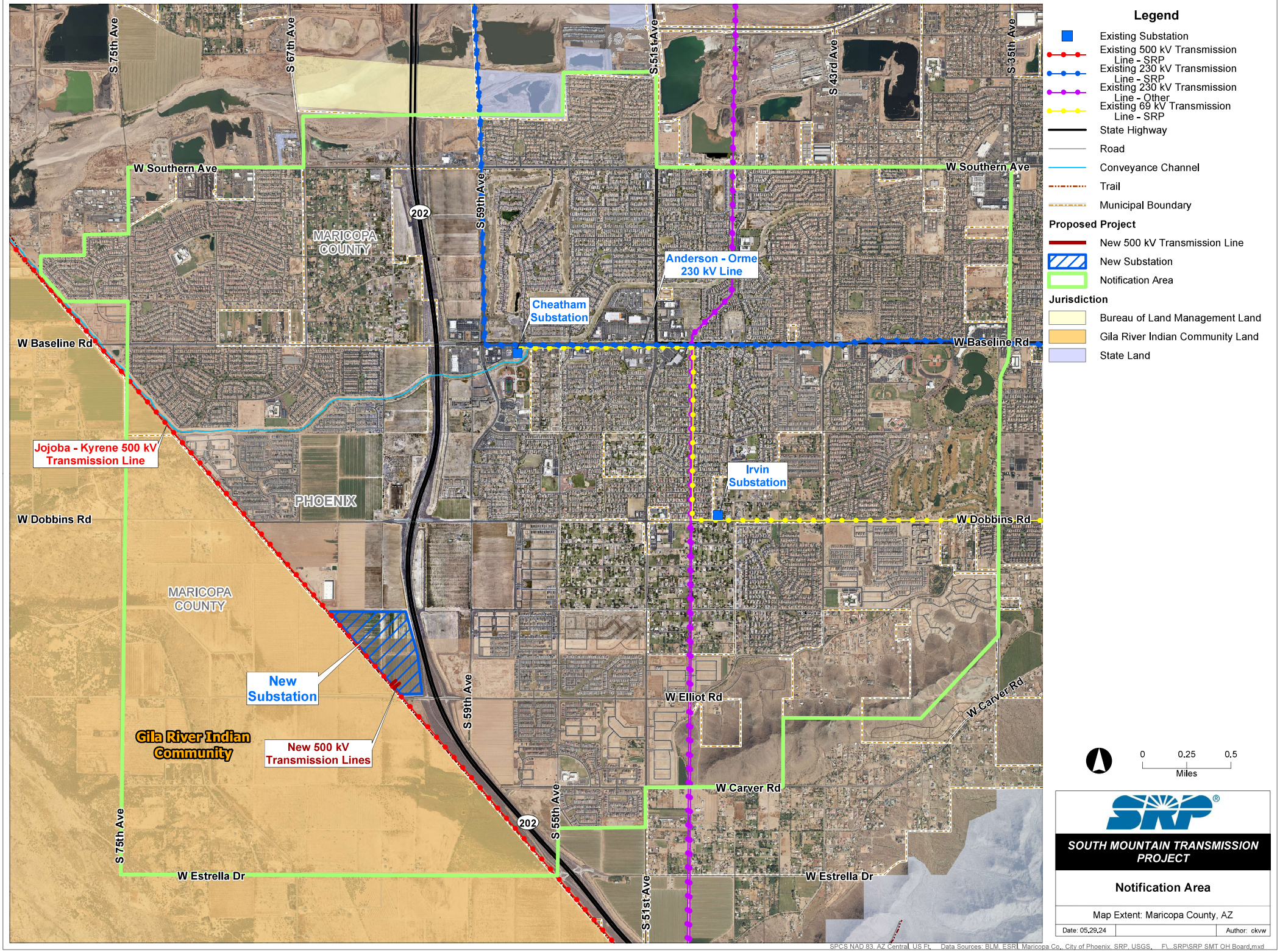


Existing 230kV Line @ Baseline Rd.

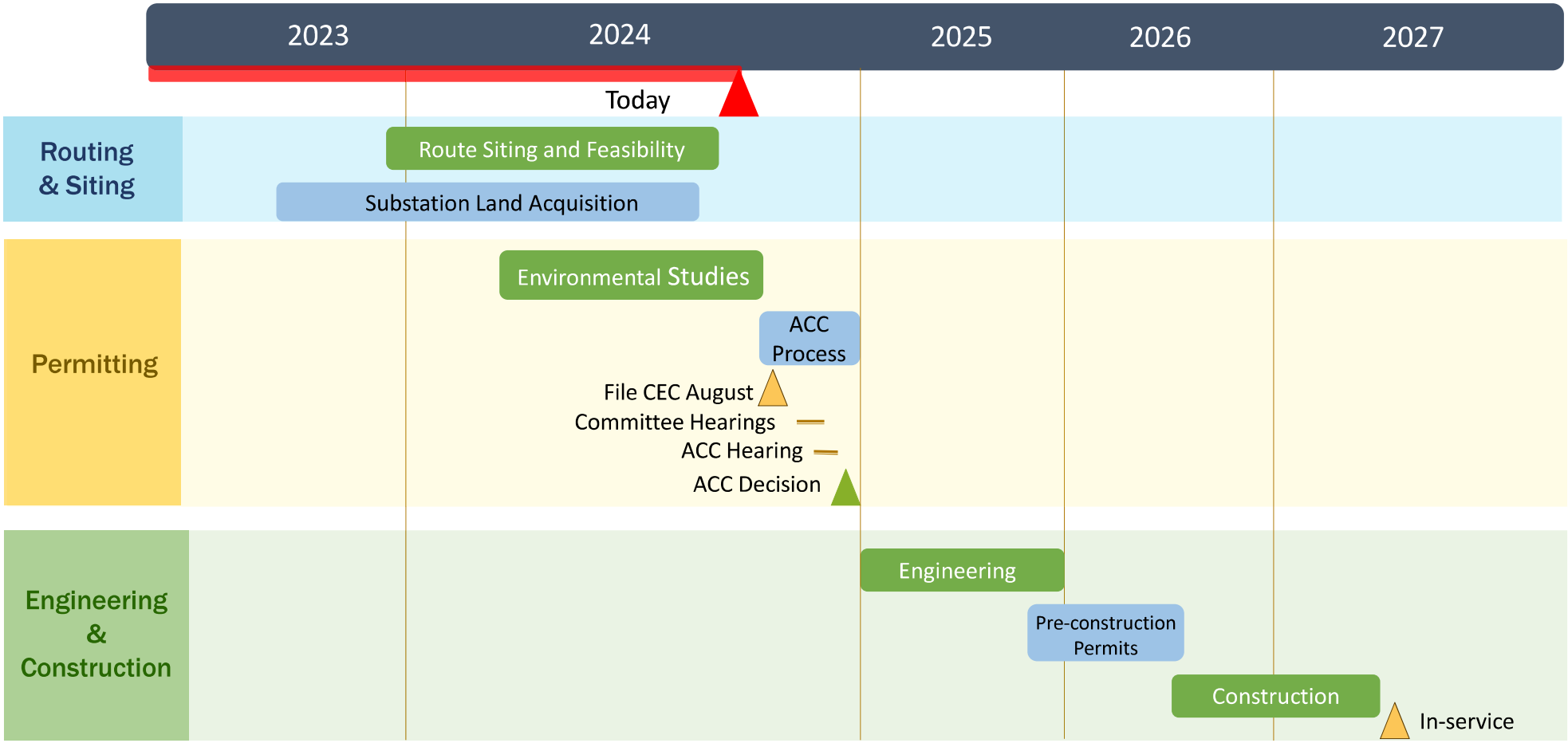


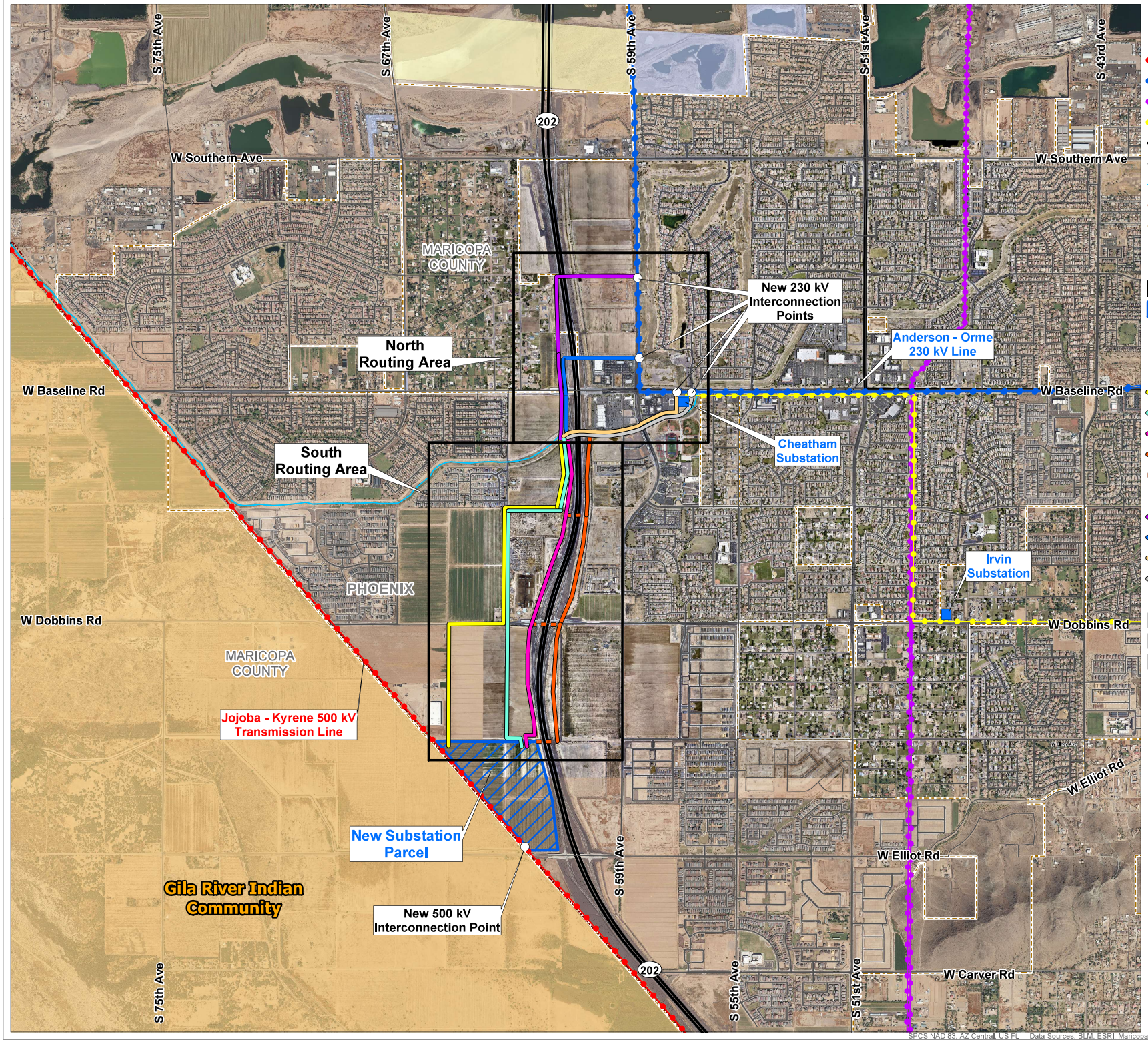

S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
W Southern Ave
202
MARICOPA COUNTY
Anderson - Orme 230 kV Line
Cheatham Substation
W Baseline Rd
Jojoba - Kyrene 500 kV Transmission Line
Irvin Substation
PHOENIX
W Dobbins Rd
MARICOPA COUNTY
W Elliot Rd
New Substation
Gila River Indian Community
New 500 kV Transmission Lines
S 55th Ave
W Carver Rd
W Estrella Dr
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Project Study Area
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Project Study Area
Map Extent: Maricopa County, AZ
Date: 05.29.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS. F:\...SRP\SRP SMT OH Board.mxd


S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
W Southern Ave
W Southern Ave
202
MARICOPA COUNTY
Anderson - Orme 230 kV Line
Cheatham Substation
W Baseline Rd
W Baseline Rd
Jojoba - Kyrene 500 kV Transmission Line
Irvin Substation
PHOENIX
W Dobbins Rd
W Dobbins Rd
MARICOPA COUNTY
W Elliot Rd
New Substation
W Elliot Rd
S 59th Ave
Gila River Indian Community
New 500 kV Transmission Lines
W Carver Rd
S 55th Ave
S 51st Ave
202
S 75th Ave
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Parcel Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Opportunities
Opportunites
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Opportunities
Map Extent: Maricopa County, AZ
Date: 05.29.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS, F:\...SRP\SRP SMT OH Board.mxd


Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
New 500 kV Transmission Line
New Substation
Notification Area
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
W Southern Ave
W Baseline Rd
W Dobbins Rd
W Elliot Rd
W Carver Rd
W Estrella Dr
S 75th Ave
S 67th Ave
S 59th Ave
S 55th Ave
S 51st Ave
S 43rd Ave
S 35th Ave
202
MARICOPA COUNTY
PHOENIX
Gila River Indian Community
Anderson - Orme 230 kV Line
Cheatham Substation
Irvin Substation
Jojoba - Kyrene 500 kV Transmission Line
New Substation
New 500 kV Transmission Lines
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Notification Area
Map Extent: Maricopa County, AZ
Date: 05.29.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft.
Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS,
F:\...SRP\SRP SMT OH Board.mxd

Development Timeline





Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- Interconnection Point
- Routing Area
- New Substation Parcel

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S4 Loop 202 Crossing Options

North Routing Area

- Route N1
- Route N2
- Route N3
- Route N4

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

SRP®

SOUTH MOUNTAIN TRANSMISSION PROJECT

Routing Areas Map

Map Extent: Maricopa County, AZ

Date: 09.03.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.

Statutory Requirements: Environmental

Air Quality

Biological Resources

Cultural and Historical Resources

Geology and Soils

Hydrology

Land Use

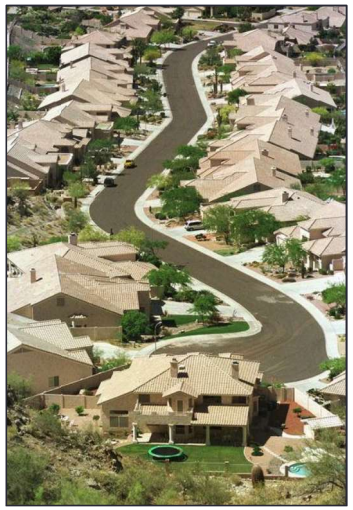
Noise

Recreation

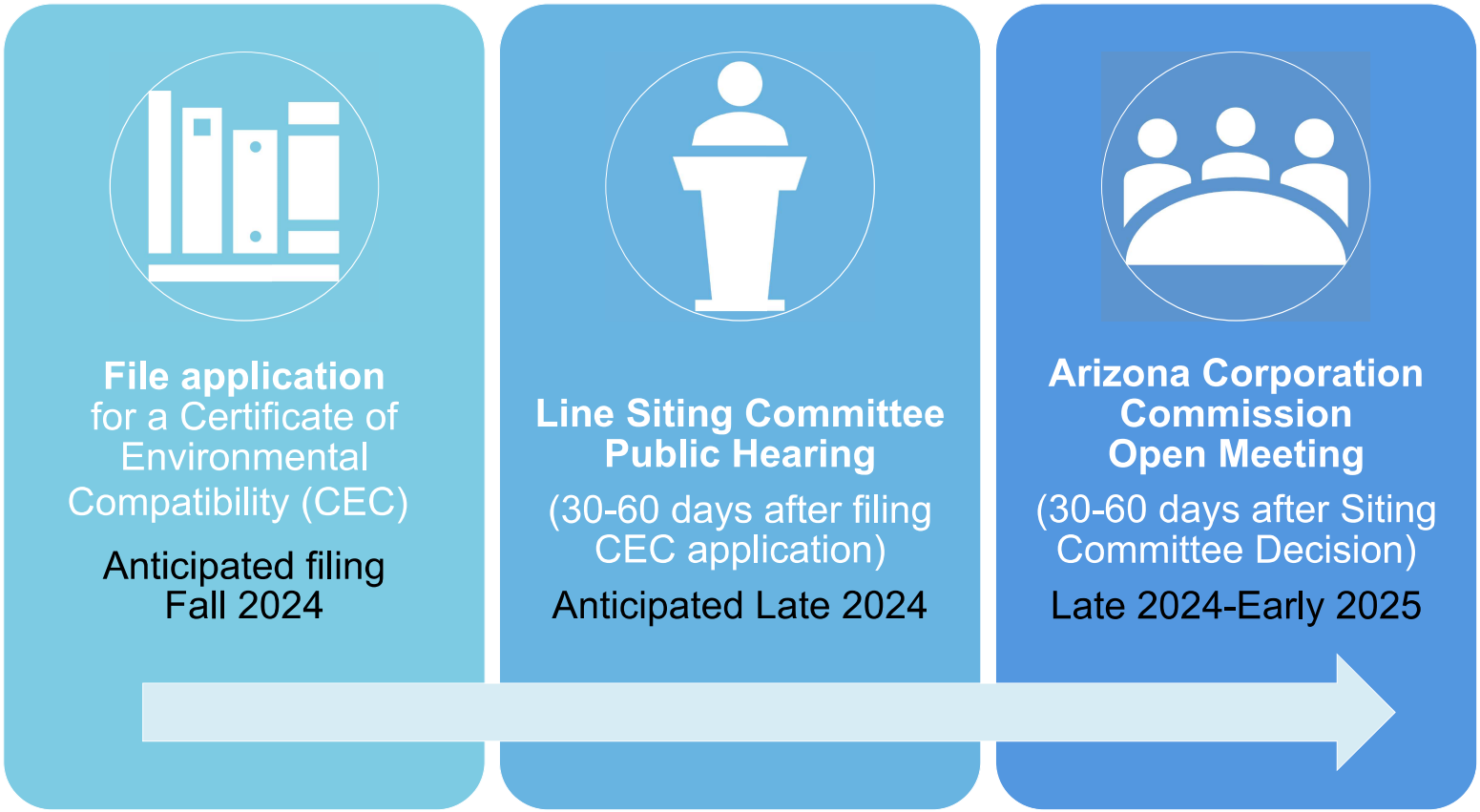
Visual and Aesthetics



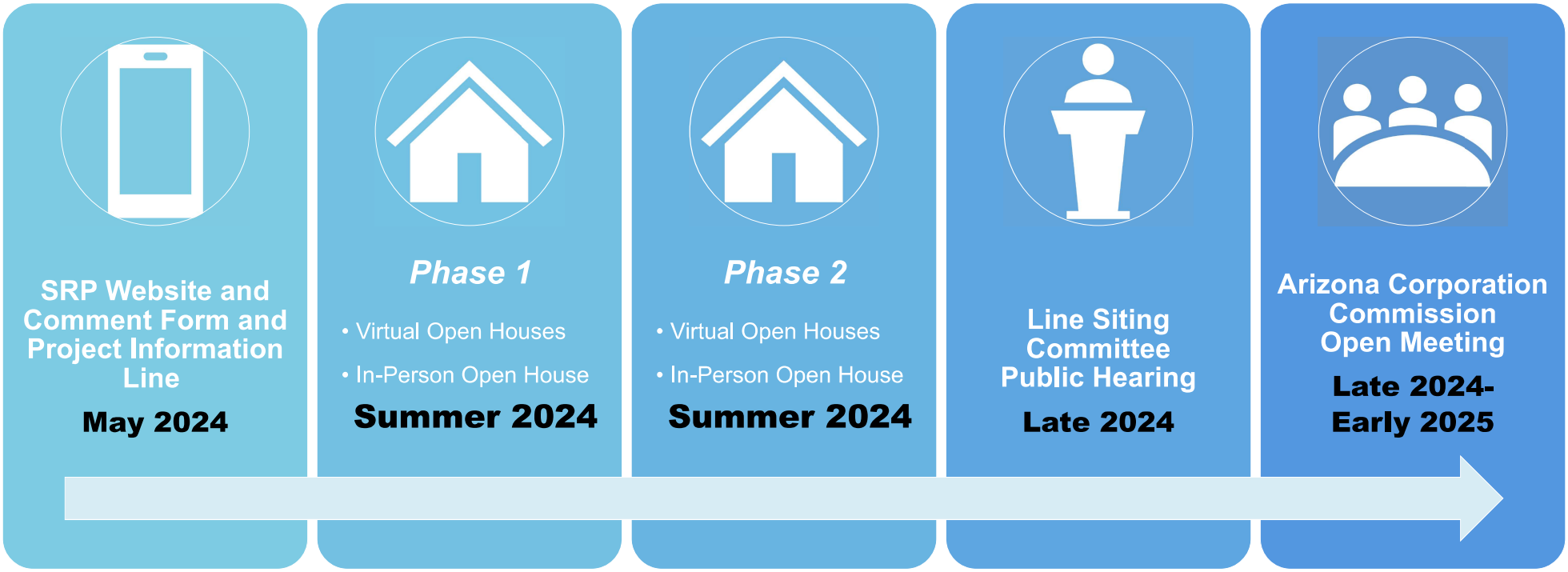




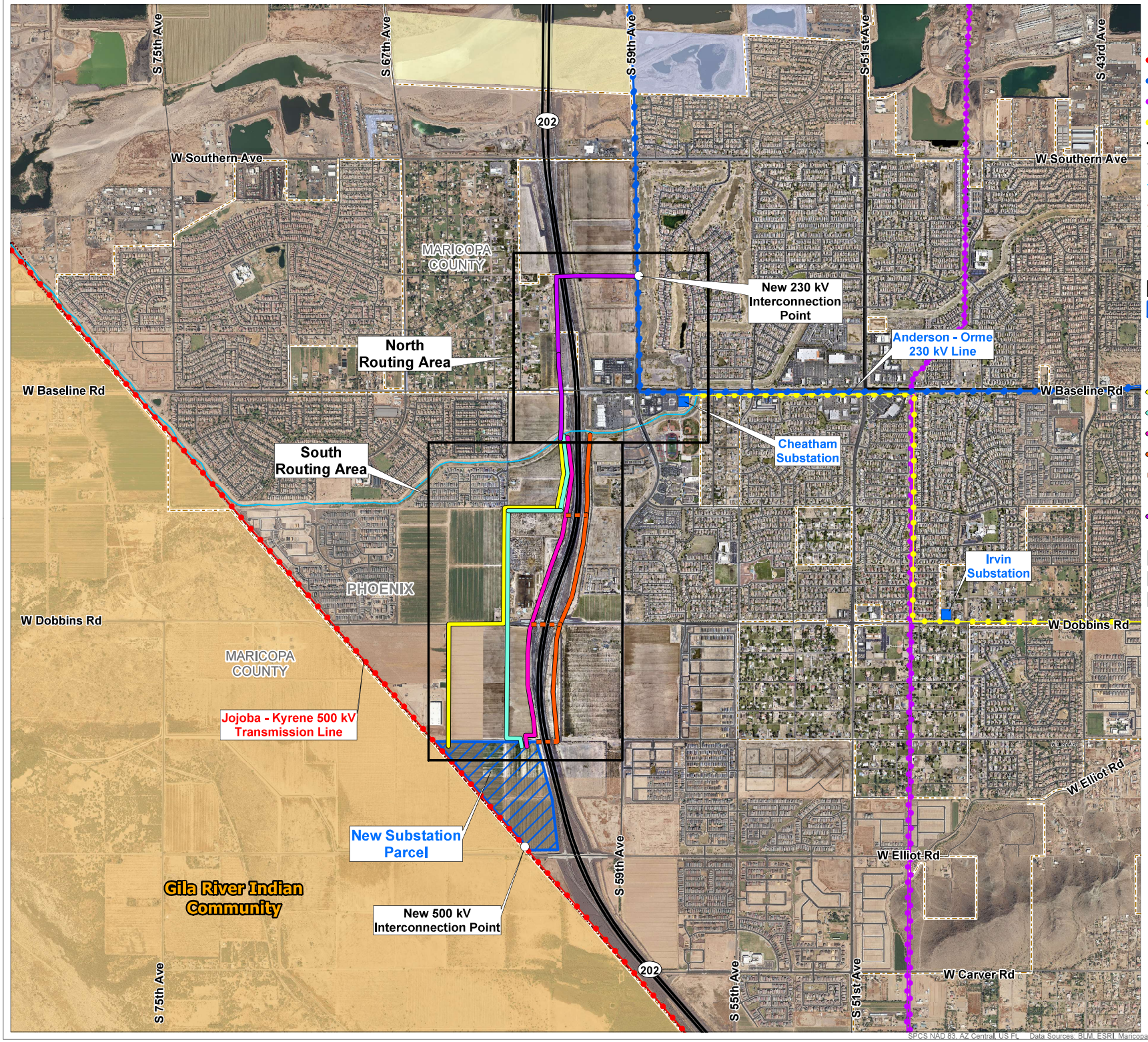
Arizona Corporation Commission Siting Process



Opportunities for Public Input



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



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- Interconnection Point
- Routing Area
- New Substation Parcel

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S4 Loop 202 Crossing Options

North Routing Area

- Route N1

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

SRP

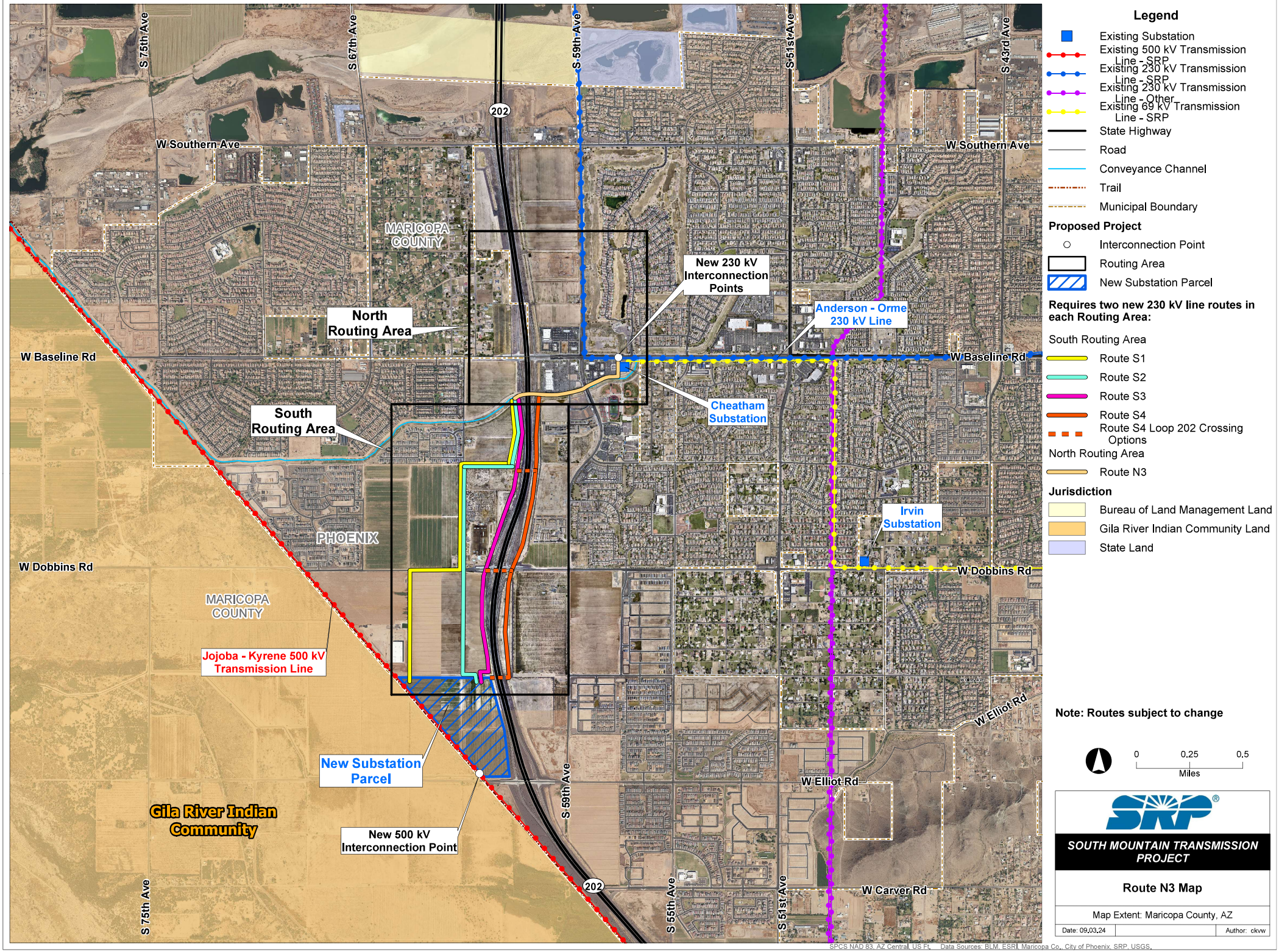
SOUTH MOUNTAIN TRANSMISSION PROJECT

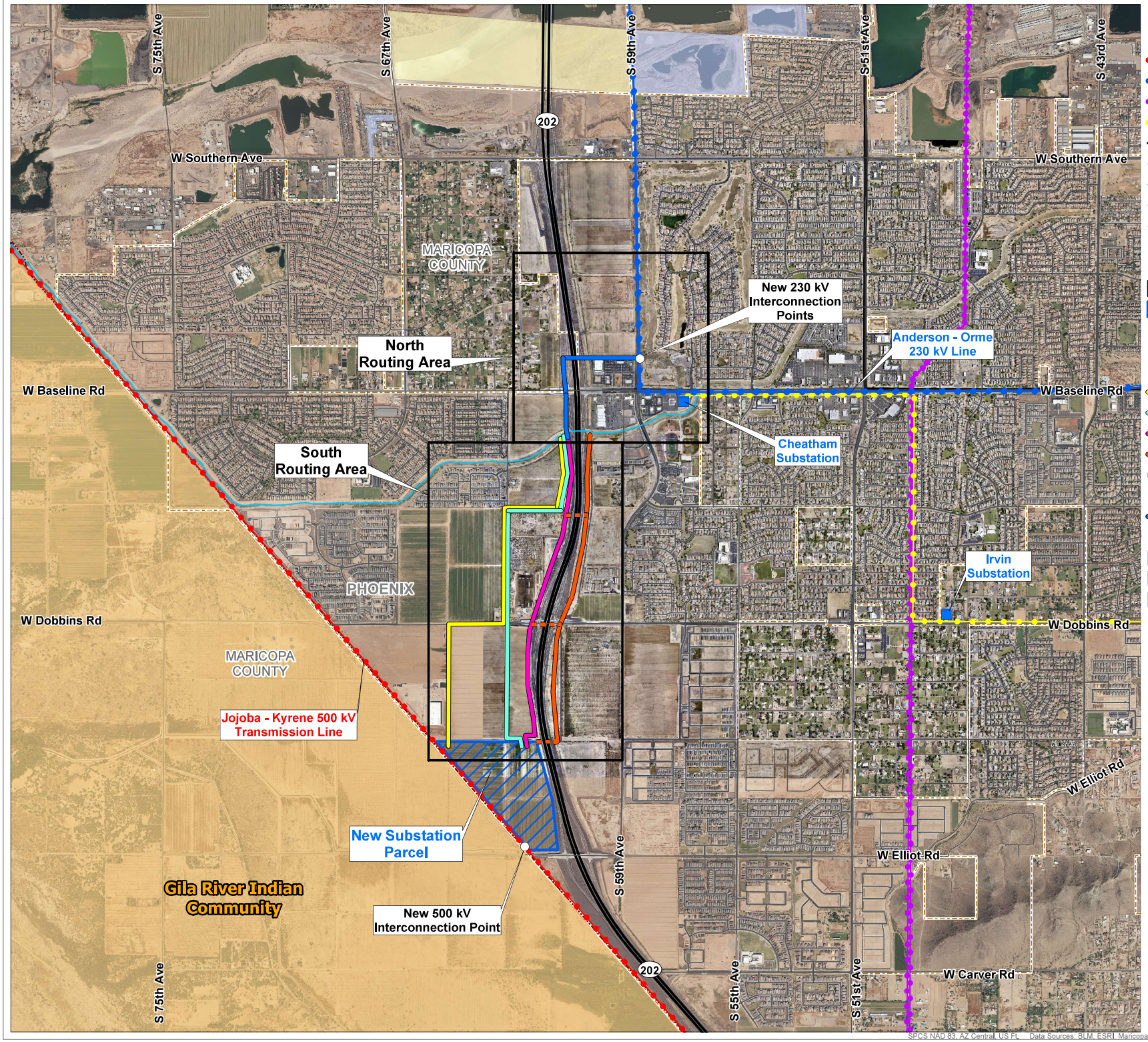
Route N1 Map

Map Extent: Maricopa County, AZ

Date: 09.03.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.


S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
202
W Southern Ave
MARICOPA COUNTY
New 230 kV Interconnection Points
North Routing Area
Anderson - Orme 230 kV Line
W Baseline Rd
Cheatham Substation
South Routing Area
PHOENIX
Irvin Substation
W Dobbins Rd
MARICOPA COUNTY
Jojoba - Kyrene 500 kV Transmission Line
New Substation Parcel
W Elliot Rd
Gila River Indian Community
New 500 kV Interconnection Point
S 55th Ave
W Carver Rd
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
Interconnection Point
Routing Area
New Substation Parcel
Requires two new 230 kV line routes in each Routing Area:
South Routing Area
Route S1
Route S2
Route S3
Route S4
Route S4 Loop 202 Crossing Options
North Routing Area
Route N3
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Note: Routes subject to change
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Route N3 Map
Map Extent: Maricopa County, AZ
Date: 09.03.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- Interconnection Point
- Routing Area
- New Substation Parcel

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S1
- Route S2
- Route S3
- Route S4
- Route S4 Loop 202 Crossing Options

North Routing Area

- Route N2

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

SRP

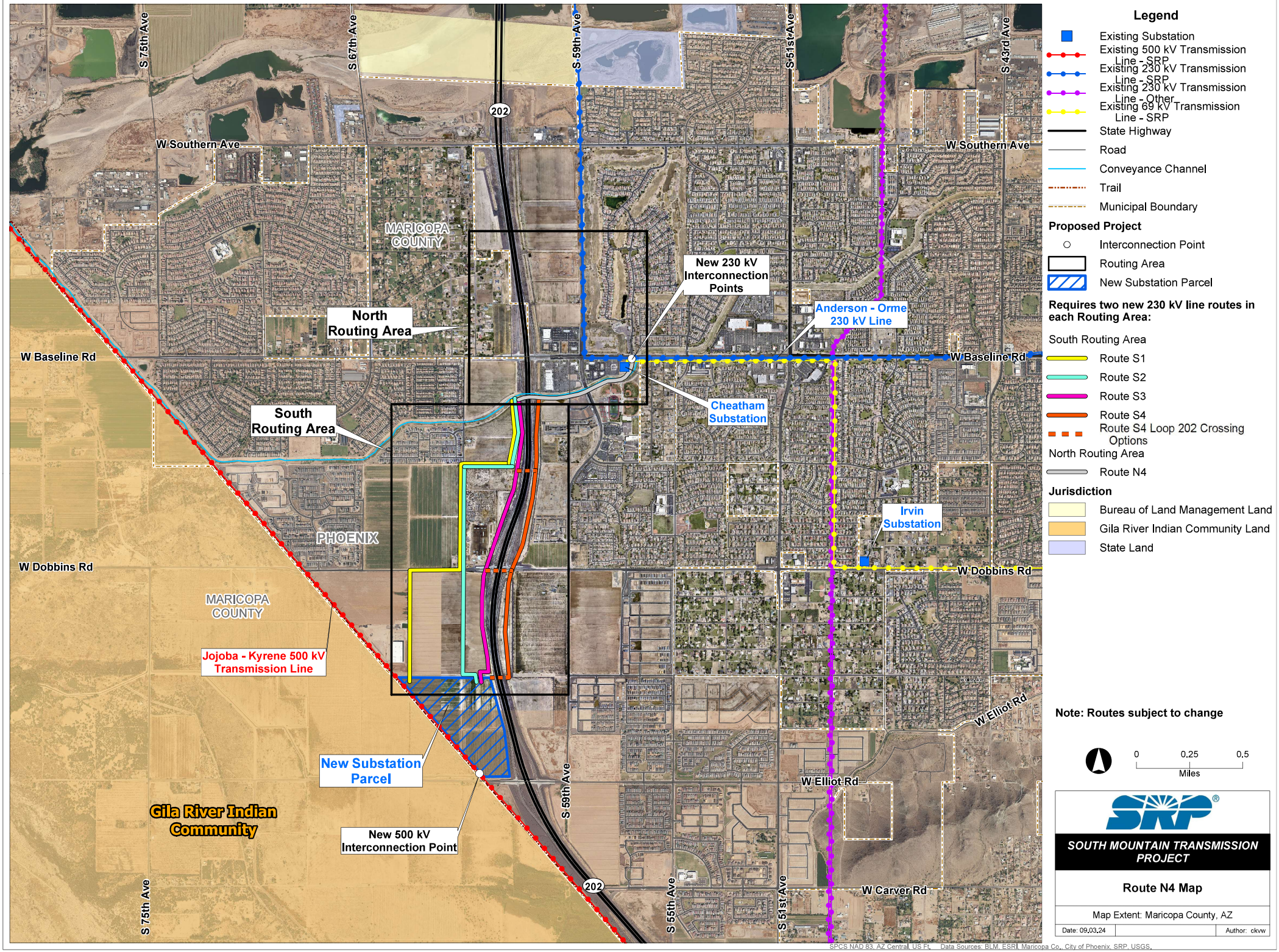
SOUTH MOUNTAIN TRANSMISSION PROJECT

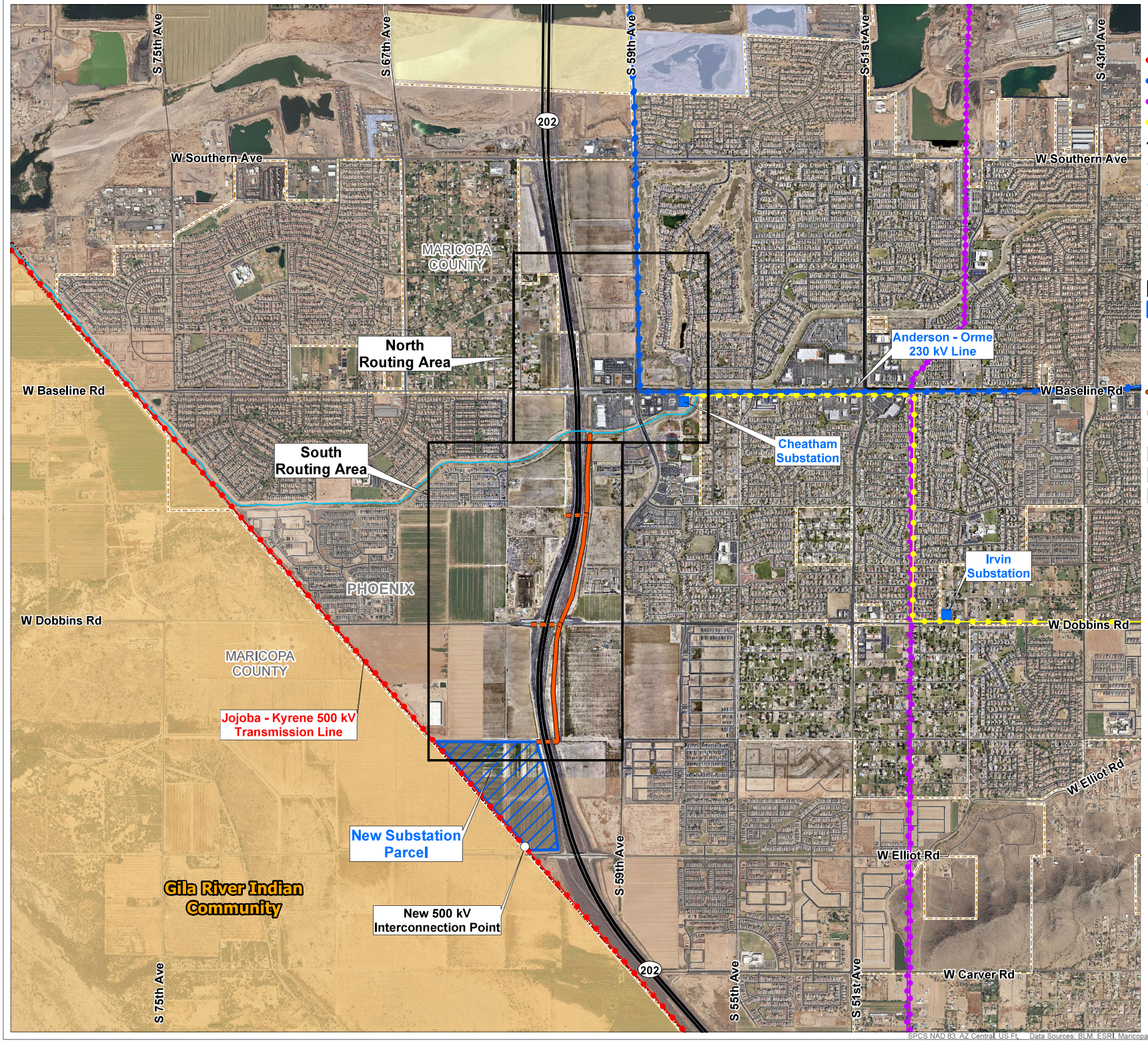
Route N2 Map

Map Extent: Maricopa County, AZ

Date: 09.03.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.


S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
202
W Southern Ave
MARICOPA COUNTY
New 230 kV Interconnection Points
North Routing Area
Anderson - Orme 230 kV Line
W Baseline Rd
Cheatham Substation
South Routing Area
PHOENIX
Irvin Substation
W Dobbins Rd
MARICOPA COUNTY
Jojoba - Kyrene 500 kV Transmission Line
New Substation Parcel
W Elliot Rd
Gila River Indian Community
New 500 kV Interconnection Point
S 55th Ave
W Carver Rd
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
Interconnection Point
Routing Area
New Substation Parcel
Requires two new 230 kV line routes in each Routing Area:
South Routing Area
Route S1
Route S2
Route S3
Route S4
Route S4 Loop 202 Crossing Options
North Routing Area
Route N4
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Note: Routes subject to change
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Route N4 Map
Map Extent: Maricopa County, AZ
Date: 09.03.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- Interconnection Point
- Routing Area
- New Substation Parcel

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S4
- Route S4 Loop 202 Crossing Options

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

SRP®

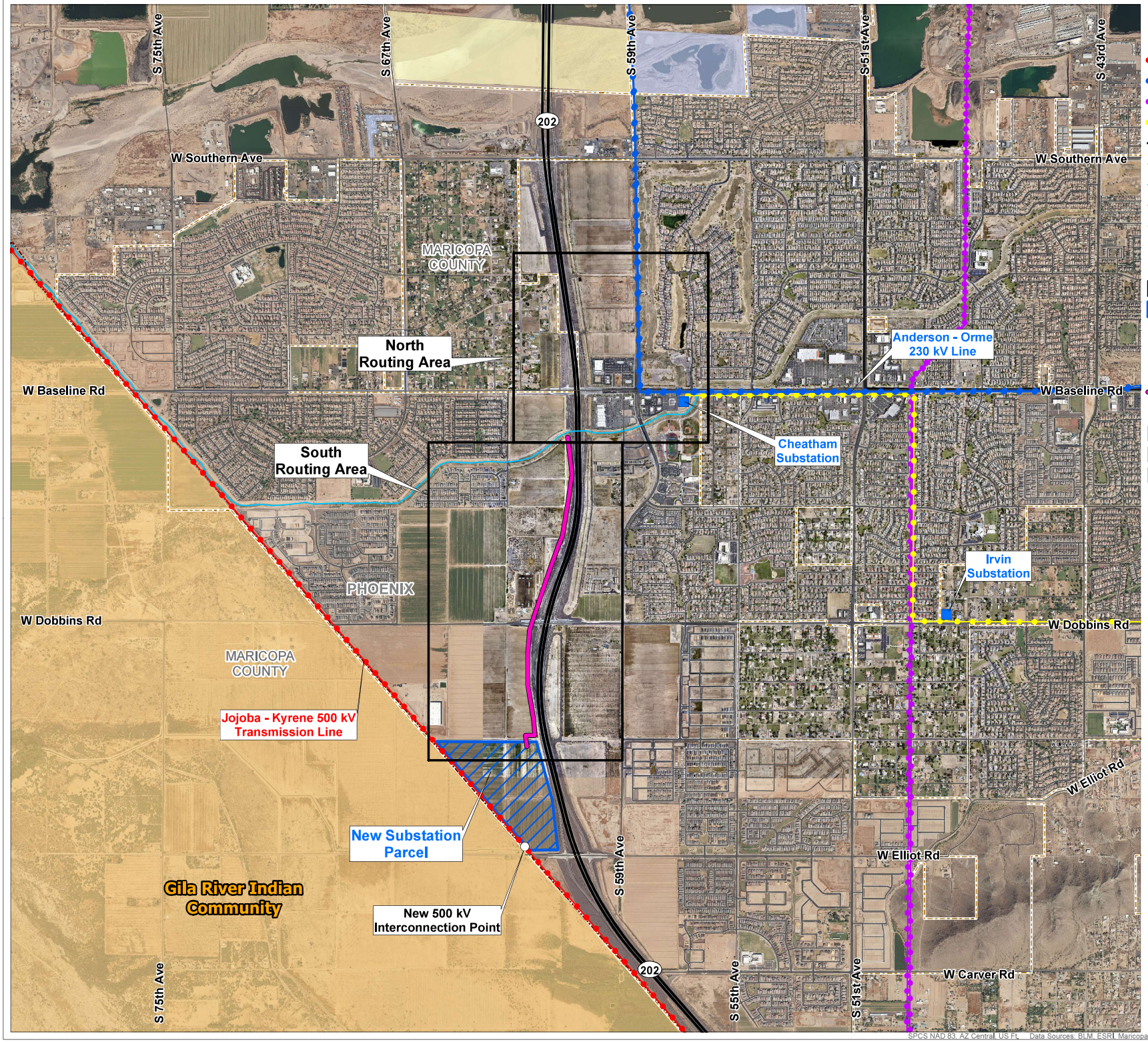
SOUTH MOUNTAIN TRANSMISSION PROJECT

Route S4 Map

Map Extent: Maricopa County, AZ

Date: 09.03.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.



Legend

- Existing Substation
- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing 69 kV Transmission Line - SRP
- State Highway
- Road
- Conveyance Channel
- Trail
- Municipal Boundary

Proposed Project

- Interconnection Point
- Routing Area
- New Substation Parcel

Requires two new 230 kV line routes in each Routing Area:

South Routing Area

- Route S3

Jurisdiction

- Bureau of Land Management Land
- Gila River Indian Community Land
- State Land

Note: Routes subject to change

0 0.25 0.5 Miles

SRP

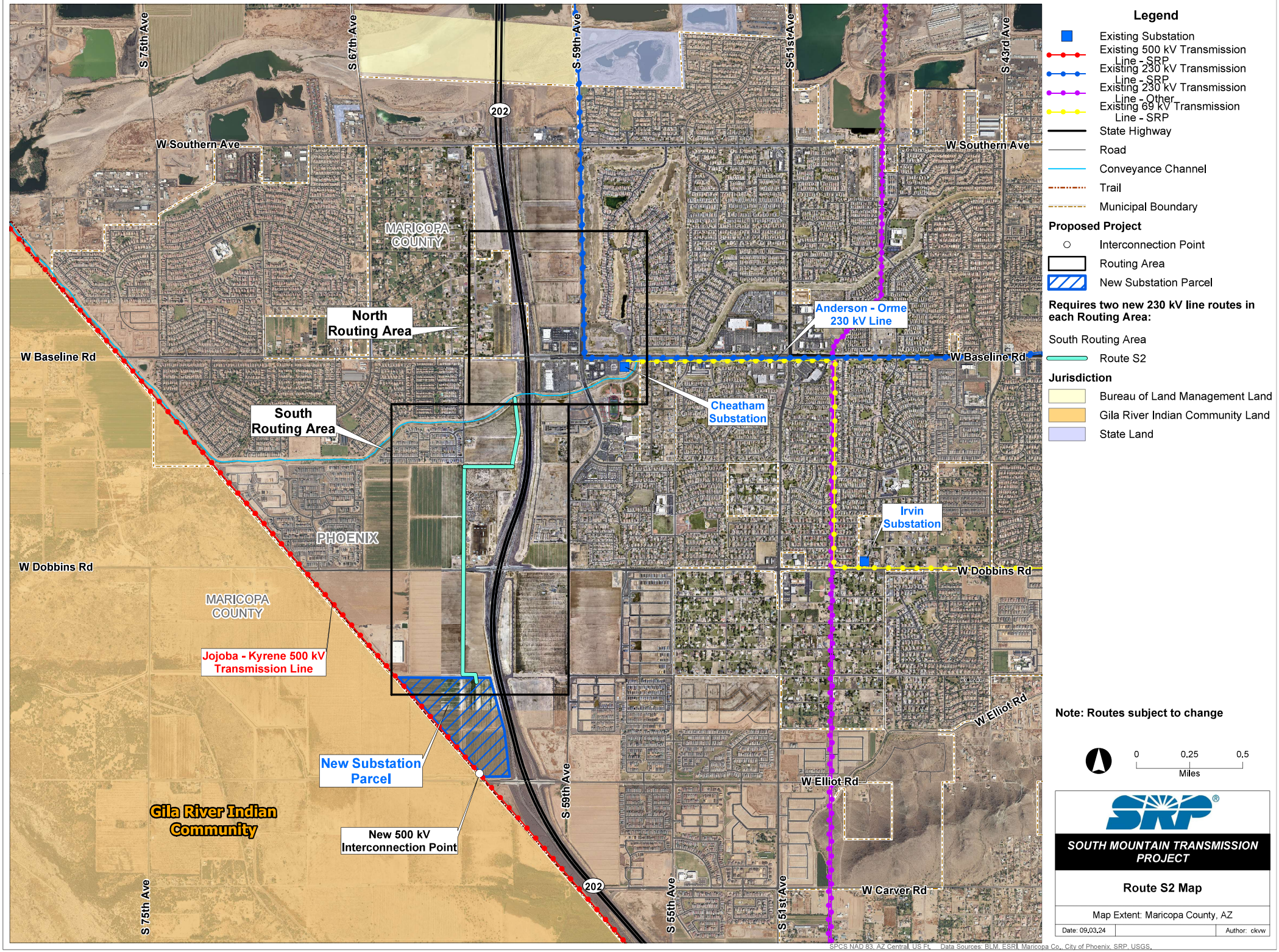
SOUTH MOUNTAIN TRANSMISSION PROJECT

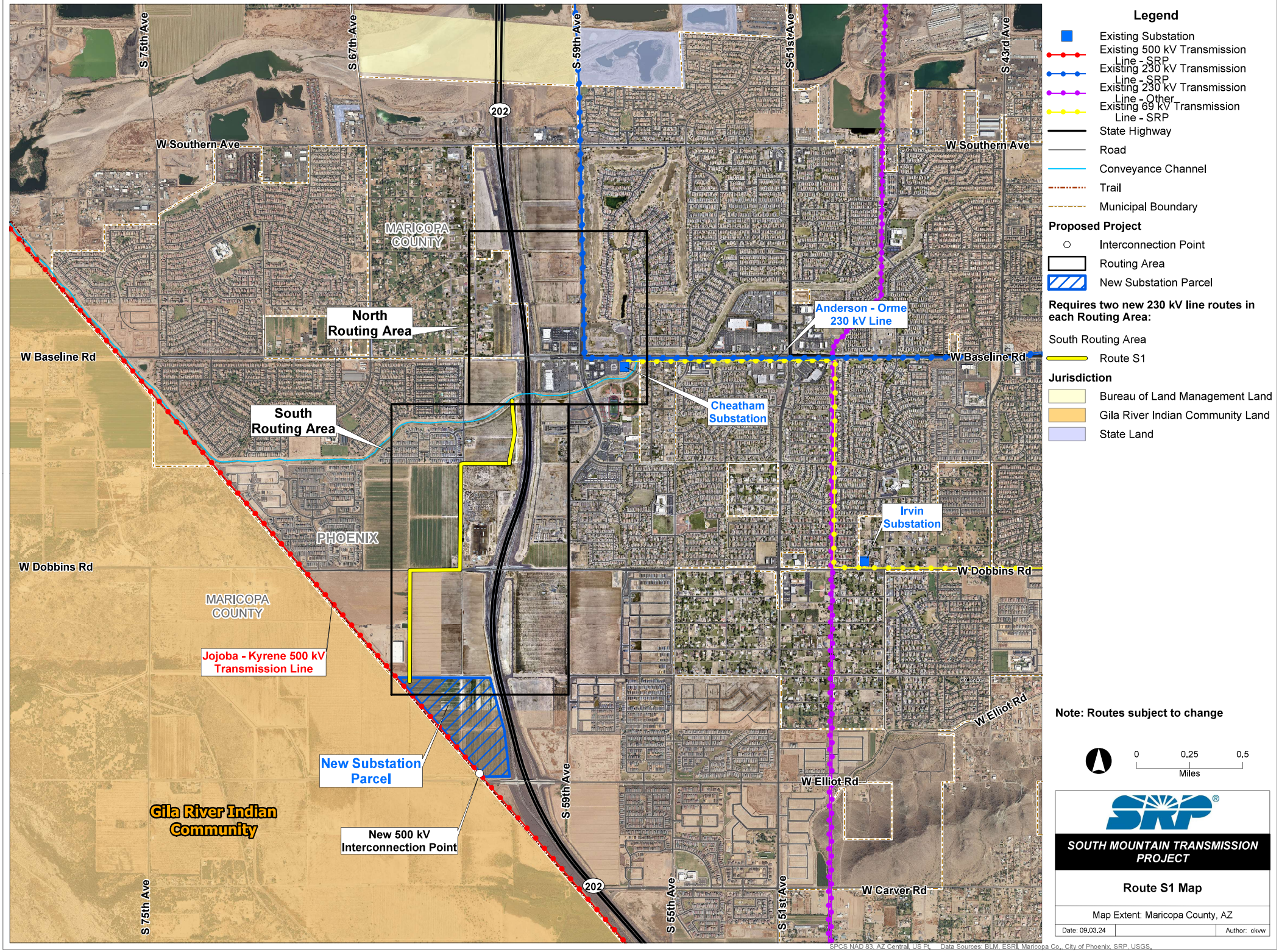
Route S3 Map

Map Extent: Maricopa County, AZ

Date: 09.03.24 | Author: ckvw

SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.


S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
202
W Southern Ave
MARICOPA COUNTY
North Routing Area
Anderson - Orme 230 kV Line
W Baseline Rd
Cheatham Substation
South Routing Area
Irvin Substation
PHOENIX
W Dobbins Rd
MARICOPA COUNTY
Jojoba - Kyrene 500 kV Transmission Line
New Substation Parcel
W Elliot Rd
Gila River Indian Community
New 500 kV Interconnection Point
S 55th Ave
W Carver Rd
Legend
Existing Substation
Existing 500 kV Transmission Line - SRP
Existing 230 kV Transmission Line - SRP
Existing 230 kV Transmission Line - Other
Existing 69 kV Transmission Line - SRP
State Highway
Road
Conveyance Channel
Trail
Municipal Boundary
Proposed Project
Interconnection Point
Routing Area
New Substation Parcel
Requires two new 230 kV line routes in each Routing Area:
South Routing Area
Route S2
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Note: Routes subject to change
0
0.25
0.5
Miles
SOUTH MOUNTAIN TRANSMISSION PROJECT
Route S2 Map
Map Extent: Maricopa County, AZ
Date: 09.03.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.


S 75th Ave
S 67th Ave
S 59th Ave
S 51st Ave
S 43rd Ave
202
W Southern Ave
MARICOPA COUNTY
North Routing Area
Anderson - Orme 230 kV Line
W Baseline Rd
Cheatham Substation
South Routing Area
Irvin Substation
PHOENIX
W Dobbins Rd
MARICOPA COUNTY
Jojoba - Kyrene 500 kV Transmission Line
New Substation Parcel
W Elliot Rd
Gila River Indian Community
New 500 kV Interconnection Point
S 55th Ave
W Carver Rd
Legend
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State Highway
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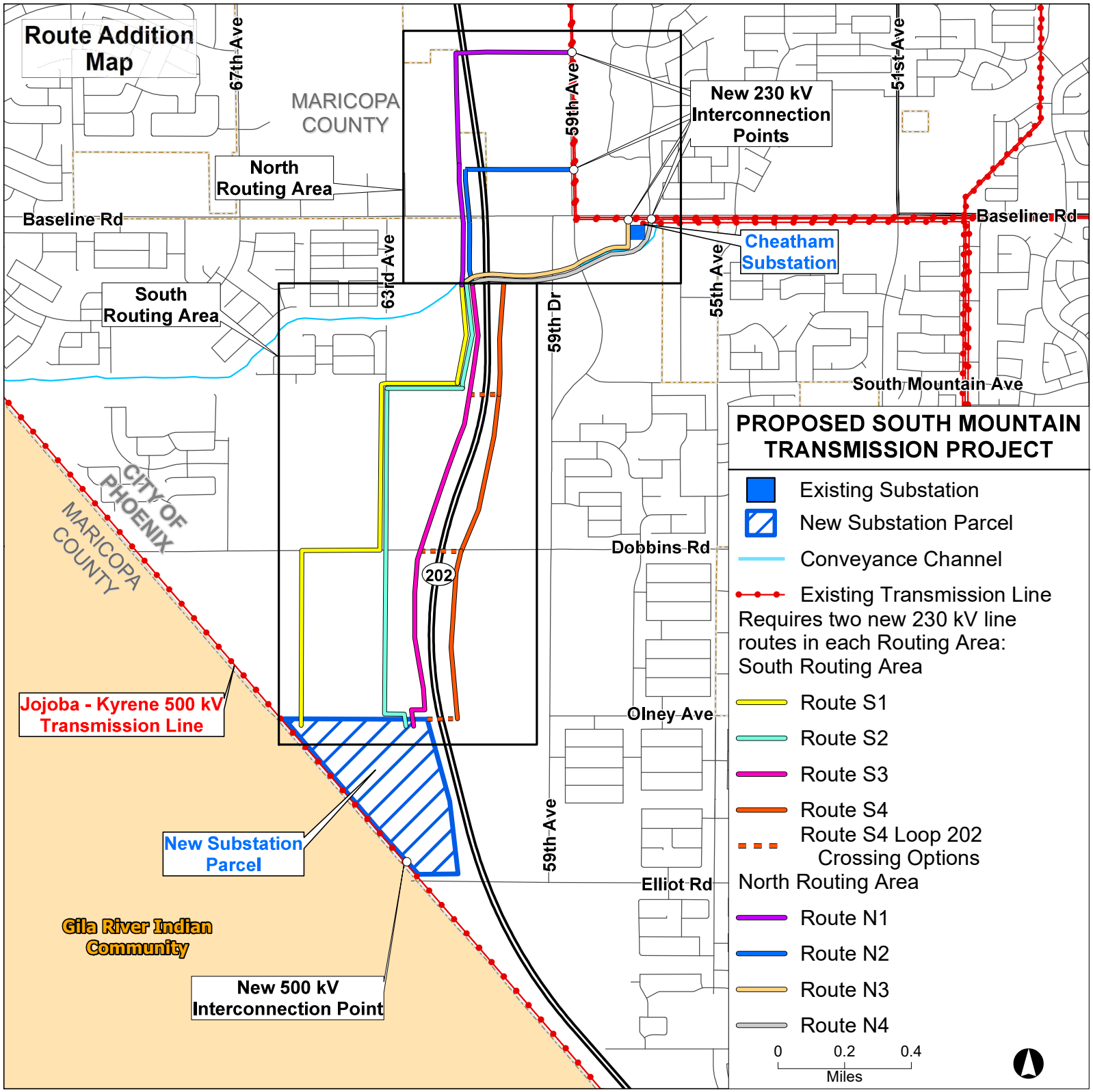
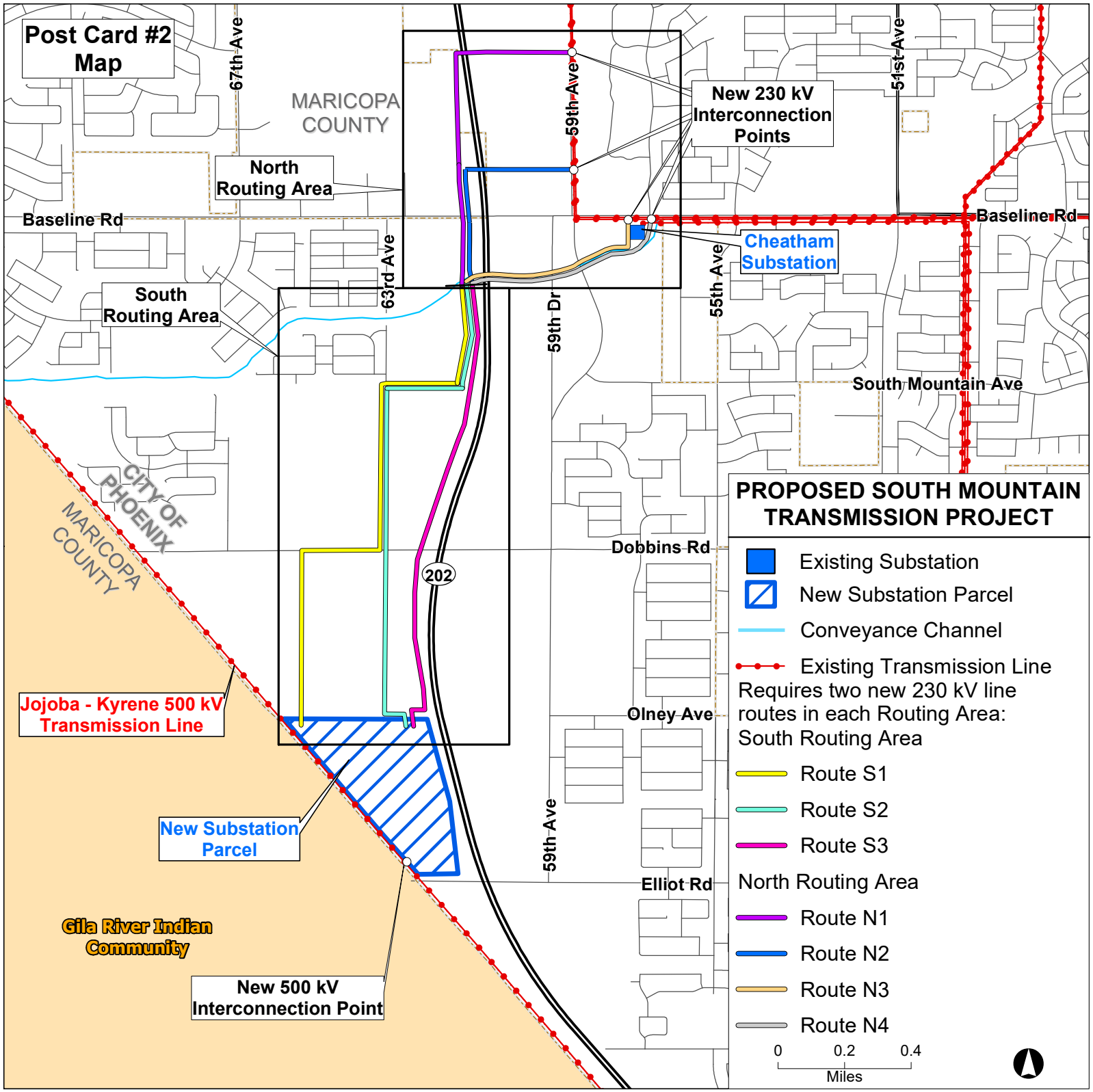
Municipal Boundary
Proposed Project
Interconnection Point
Routing Area
New Substation Parcel
Requires two new 230 kV line routes in each Routing Area:
South Routing Area
Route S1
Jurisdiction
Bureau of Land Management Land
Gila River Indian Community Land
State Land
Note: Routes subject to change
0
0.25
0.5
Miles
SRP
SOUTH MOUNTAIN TRANSMISSION PROJECT
Route S1 Map
Map Extent: Maricopa County, AZ
Date: 09.03.24
Author: ckvw
SPCS NAD 83, AZ Central, US Ft. Data Sources: BLM, ESRI, Maricopa Co., City of Phoenix, SRP, USGS.


Route Addition Map
67th Ave
MARICOPA COUNTY
North Routing Area
Baseline Rd
63rd Ave
South Routing Area
59th Ave
New 230 kV Interconnection Points
51st Ave
Baseline Rd
Cheatham Substation
55th Ave
59th Dr
South Mountain Ave
CITY OF PHOENIX
MARICOPA COUNTY
Dobbins Rd
202
Olney Ave
59th Ave
Elliot Rd
Jojoba - Kyrene 500 kV Transmission Line
New Substation Parcel
Gila River Indian Community
New 500 kV Interconnection Point
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT
Existing Substation
New Substation Parcel
Conveyance Channel
Existing Transmission Line
Requires two new 230 kV line routes in each Routing Area:
South Routing Area
Route S1
Route S2
Route S3
Route S4
Route S4 Loop 202 Crossing Options
North Routing Area
Route N1
Route N2
Route N3
Route N4
0
0.2
0.4
Miles


Post Card #2 Map
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Baseline Rd
63rd Ave
South Routing Area
59th Ave
New 230 kV Interconnection Points
51st Ave
Baseline Rd
Cheatham Substation
55th Ave
59th Dr
South Mountain Ave
CITY OF PHOENIX
MARICOPA COUNTY
Dobbins Rd
202
Jojoba - Kyrene 500 kV Transmission Line
Olney Ave
New Substation Parcel
59th Ave
Elliot Rd
Gila River Indian Community
New 500 kV Interconnection Point
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South Routing Area
Route S1
Route S2
Route S3
North Routing Area
Route N1
Route N2
Route N3
Route N4
0
0.2
0.4
Miles

We want to hear from you

Project Website Comment Portal

www.srp.net/SMT

Project Information Line

1-855-584-1484

Feedback Survey Form

Delivering water and power

11

South Mountain Transmission Project – Phase 2

Tuesday, September 10, 2024, 4:30 p.m.– 6:30 p.m.
Cesar Chavez Community Center

Name	Address	Email	Organization (if applicable)
[redacted] Richard Miranda	3229 W. Fremont Rd	[redacted]	Liberty [illegible]
Kristen Browne	6335 W Magdalena Lane		—
[redacted]			
John Clark	4325 W Enclid Laveen		
Danny + Shelley Sanchez	9007 S 67th Dr Laveen		
Katrina Rivera	6807 S. 63rd Ave Lave		gmail.com
Tom Adams	3941 W. Estes Way Laveen		
Sebastian Alvarez	8830 S 70th Ln		
Kristi McCann	4513 W McNeil St Laveen		gmail.com
Tom Borchetti	11560 N. Frank Lloyd Wright Blvd		
Euchuria Chopra	4841 W Donner Dr, Laveen 85339		

Delivering water and power®

7

South Mountain Transmission Project –
Phase 2
Tuesday, September 10, 2024, 4:30 p.m.– 6:30 p.m.
Cesar Chavez Community Center

Name	Address	Email	Organization (if applicable)
Stephanie Hurd	10207 S 47th Ave Laveen AZ 85339	[redacted]	LVPC
Victoria Dean	4738 W Coles Rd Laveen AZ 85339		Q.com McClellan Ranch
Nick Vanderwey			
CHARLIE MARTIN	5001 W. DOBBINS LAVEEN, AZ		LESD elementary school District
RAPHAEL SOTO	4205 W. ESTES WAY LAVEEN, AZ 85339		SRP
Linda Abegg	5407 W Winston Dr Laveen, AZ 85339		LVPC LESD
VERONICA BACA	8014 S 54th LN LAVEEN AZ 85339		LESD

SRP
Delivering water and power®

South Mountain Transmission Project – Phase 2

Tuesday, September 10, 2024, 4:30 p.m.– 6:30 p.m.
Cesar Chavez Community Center

Name	Address	Email	Organization (if applicable)
Charles R. Mabry	6623 S. 63RD AVE.	[redacted]	Sunbelt
SANDRA D. KENNEDY	815 W. CALDWELL ST PHX 85041		
Claudia Coutcher	7928 S. 54th Lane Laveen AZ 853		
SCOTT SANDITHAM	4424 W OLNEY AV LAVEEN		

#1

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, September 05, 2024 3:28:49 PM
Last Modified: Thursday, September 05, 2024 3:35:42 PM
Time Spent: 00:06:52
IP Address: 8.53.185.245

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Jordan Gaither**
Organization	**IDM**
Address	**6720 N Scottsdale Rd Ste 200**
City/Town	**Scottsdale**
State/Province	**AZ**
ZIP/Postal Code	**85253**
Email Address	[redacted]

Q2

What do you understand as the benefits of this project?

This project will bring critical power infrastructure to the Laveen/South Mountain area.

Q3

What do you understand as the challenges of this project?

Finalizing the line routing with existing stakeholders and property owners

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

S2 is my preferred southern route. I do not have a preference on the northern route.

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

I think the routes along 202 would be ideal but I'm not sure there's enough room for the 100' needed.

Q6

Do you generally support this project?

Yes, fully support

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

Respondent skipped this question

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, September 05, 2024 3:28:59 PM
Last Modified: Thursday, September 05, 2024 3:38:36 PM
Time Spent: 00:09:36
IP Address: 66.210.57.238

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Lori Knudson**
Address	**9016 S 41st Glen**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]

Q2

What do you understand as the benefits of this project?

Ensured secure/stable power source for the massive development of the Laveen area.

Q3

What do you understand as the challenges of this project?

Landowners and developers who oppose the proposed routes.

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

N2 and S4 preferred as more direct and shorter length.

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

N1 has greater length which seems like a poor choice.
S1 and S2 disrupt development more than poles in S3/S4.

Q6

Do you generally support this project?

Yes, but I am not in support of these poles/structures ruining the beautiful views of South Mountain and Estrella Mountain as one drives on the L202 in this area.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

The poles/structures ruin the views of South Mountain and Estrella Mountain along with stretch of L202. Are there no underground options for high voltage power transmission?

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, September 05, 2024 3:27:51 PM
Last Modified: Thursday, September 05, 2024 3:39:20 PM
Time Spent: 00:11:29
IP Address: 66.210.37.154

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Sherri Koshiol**
Organization	**Village at Carver Mountain LLC**
Address	**6617 N Scottsdale Rd Suite 101**
City/Town	**Scottsdale**
State/Province	**AZ**
ZIP/Postal Code	**85250**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

additional power reliability, continuity, and redundancy

Q3

What do you understand as the challenges of this project?

need to find most effective and efficient route

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

I would vote for any routes along the west side of the 202

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

Our property is adjacent to route S4 and our land is under construction with residential multifamily BTR - we will not be able to dedicate any easement area so if you choose this route it would need to be located within the ADOT R/W

Q6

Do you generally support this project?

Yes

Q7

Do you want to be kept informed of this project and receive project updates by email?

yes

Q8 **Respondent skipped this question**

Please provide other concerns, suggestions or additional comments.

#4

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, September 05, 2024 3:29:27 PM
Last Modified: Thursday, September 05, 2024 4:34:35 PM
Time Spent: 01:05:07
IP Address: 68.228.55.213

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Kristen Browne**
Organization	**--None--**
Address	**6335 W Magdalena Lane**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

SRP is going to expand / add a new substation to accommodate the growth and needs of the Laveen area and potential businesses that will emerge here.

Q3

What do you understand as the challenges of this project?

Existing options for placement of routes and the substation, residential considerations, planning for the different types of businesses that may come here.

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

I prefer Southern routes S3 and S4 (that go directly beside 202). This is for both aesthetic purposes and also to minimize noise to the surrounding residential areas. For the northern routes, I'd choose N1 and N2 to avoid having to go along the conveyance channel.

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

I do not see as many challenges with S3, S4, N1, and N2 because they all run along the existing highway. The other routes are less desirable for people living in the neighborhoods near 63rd Ave and Magdalena Lane. Also the conveyance channel is used by many people in the community for exercise and I feel like routing lines N3 and N4 along that would take away from the aesthetics.

Q6

Do you generally support this project?

Yes, I do support the expansion of the electrical grid to prepare for businesses and added housing that will be coming to Laveen.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes, please.

Q8

Please provide other concerns, suggestions or additional comments.

My biggest concern is the proximity of the lines to 63rd Ave as my house is near the intersection of 63rd and Magdalena Lane (along the north side of South Mountain Rd - currently undeveloped). I paid over $500,000 for my home and would like to avoid as much negative impact to my property value as possible.

#5

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, September 05, 2024 3:27:41 PM
Last Modified: Thursday, September 05, 2024 4:36:03 PM
Time Spent: 01:08:21
IP Address: 70.162.120.112

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Beth Landish**
Organization	**homeowner**
Address	**6355 W Beverly Rd**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]

Q2

What do you understand as the benefits of this project?

That it's needed to keep up with growth in the area.

Q3

What do you understand as the challenges of this project?

Pleasing everyone! While I understand that all area development must be considered, and much of it changes even after approved (rezoning left and right), I hope that SRP keeps residential impact at the forefront. People didn't buy homes with power line aesthetics.

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

S4 and S3, hugging the 202, are preferred for the southern routes, to keep away from the residential communities along 63rd Ave as much as possible. Even though S1 and S2 are for adjacent to the industrial/commercial development slated for along 63rd Ave, that also becomes the "backyard" and view of the new Estrella Vista community. Otherwise, the crossing the 202 options keeps things away from most. However, that sounded more like an unlikely route during the presentation.

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

Please keep the long-standing residential areas in mind, particulary along 63rd Ave, to not now have huge power poles and lines so close.

Q6 **Respondent skipped this question**

Do you generally support this project?

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

Someone questioned the noise of having the lines so close, and while it was said that you'd have to be right under them, if you can see them from your bedroom window, that's pretty "under them." The lines east of the Gila reservation that run north near residential communities give off hums and electric noise.

#6

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, September 05, 2024 7:05:41 PM
Last Modified: Thursday, September 05, 2024 7:11:32 PM
Time Spent: 00:05:51
IP Address: 172.56.82.200

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Anel Arriola**
Organization	**Homeowner**
Address	**6340 W Magdalena Lane**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

Respondent skipped this question

What do you understand as the benefits of this project?

Q3

What do you understand as the challenges of this project?

The challenge for our neighborhood is that you want to put power lines through it. I originally did not buy a home in another neighborhood because there were power lines very close to the home. Do not do this to our neighborhood. Stick to your original plan of putting them along the 202 loop.

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

S3 or S4, along the 202

Q5

Respondent skipped this question

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

Q6

Do you generally support this project?

I do NOT support it going through my residential neighborhood, along Magdalena Lane.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes

Q8

Please provide other concerns, suggestions or additional comments.

I want to reiterate, I am a homeowner and I disagree with you, SRP, wanting to run power lines through our neighborhood. I originally did not buy a home in another neighborhood because there were power lines very close to the house. Do not do this to our neighborhood. Do not do this to our street. Stick to your original plan!

#7

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Saturday, September 07, 2024 12:33:27 AM
Last Modified: Saturday, September 07, 2024 11:05:02 PM
Time Spent: 22:31:35
IP Address: 68.228.55.173

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Gabor Magony**
Address	**6425 W Magdalena Ln**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]

Q2

What do you understand as the benefits of this project?

It is understood that both the residential and commercial growth of Laveen requires incremental power supply.

Q3

What do you understand as the challenges of this project?

Routing the transmission lines with minimal impact to the livability of Laveen residents - both aesthetically and from a safety perspective.

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

I prefer Southern routes S3 & S4 alongside 202 to minimize the impact to local residents.
I prefer Northern routes N1 & N2 to minimize the impact to the nature alongside the Laveen Conveyance Channel. It is meant to be conserved/improved upon as a park.

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

Routes S1 & S4 are right next to existing residential areas with direct impact to residents. Routes N3 & N4 would disrupt the natural appearance of the conveyance channel park.
Routing alongside 202 and through commercial/industrial areas is preferred.

Q6

Do you generally support this project?

It is a function of the incremental development of the area, so it is accepted as a necessity. The environmental impact and the impact on existing residents should be limited to the maximum extent possible.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes.

Q8

Please provide other concerns, suggestions or additional comments.

Respondent skipped this question

#8

COMPLETE

Collector: Web Link 2 (Web Link)
Started: Thursday, September 12, 2024 11:06:32 AM
Last Modified: Thursday, September 12, 2024 11:10:50 AM
Time Spent: 00:04:18
IP Address: 75.138.98.39

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Katrina Ontiveros**
Address	**6807 S 63rd Ave**
City/Town	**Laveen**
State/Province	**AZ**
ZIP/Postal Code	**85339**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

To get more power to the area for growing community.

Q3

What do you understand as the challenges of this project?

What's the best route for power lines

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

I prefer N3 and N4 as the route. NO to N1 and N2 as it will affect livestock. Yes to S3 and S4. NO to S1 and S2.

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

S1, S2, N1 and N2 go into neighborhoods. Keep it by the freeway and away from people.

Q6

Do you generally support this project?

It has to happen with all of these people

Q7

Do you want to be kept informed of this project and receive project updates by email?

Yes and text

Q8

Please provide other concerns, suggestions or additional comments.

Respondent skipped this question

#9

COMPLETE

Collector: Web Link 2 (Web Link)
Started: Thursday, September 12, 2024 11:10:53 AM
Last Modified: Thursday, September 12, 2024 11:13:27 AM
Time Spent: 00:02:34
IP Address: 75.138.98.39

Page 1

Q1

PLEASE COMPLETE THE FOLLOWING INFORMATION

Name	**Sebastian Avery**
Address	**8830 S 70th Ln**
City/Town	**Laveen**
State/Province	**AZ**
Email Address	[redacted]
Phone Number	[redacted]

Q2

What do you understand as the benefits of this project?

To provide residential and commercial properties with power for current and future builds.

Q3

What do you understand as the challenges of this project?

Towers near residential properties.

Q4

Do you prefer two specific transmission line routes (project requires two routes)? Please specify as routes in the Southern Routing Area (S1, S2, S3 and S4 and optional crossing locations) and Northern Routing Area (N1, N2, N3 and N4).

S1 and S2
N1 or N2

Q5

Do you see challenges with any transmission line routes? Please specify route options S1, S2, S3, S4, N1, N2, N3 and N4.

I do not.

Q6

Do you generally support this project?

I support it.

Q7

Do you want to be kept informed of this project and receive project updates by email?

Please keep me informed.

Q8

Please provide other concerns, suggestions or additional comments.

Really enjoyed learning about this process. Once the routes have been voted on have another meeting to discuss the time frame of the construction.

South Mountain Transmission Project
Open House (Phase 2)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Sebastian Avery PHONE: [redacted]

ADDRESS: 8830 S 70th Ln

ORGANIZATION:

EMAIL: [redacted]

COMMENTS: Staff explained the whole process. I feel really good that the construction & location will be satisfactory with either route selected

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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South Mountain Transmission Project
Open House (Phase 2)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Katrina Ontiveros PHONE: [redacted]

ADDRESS: 6807 S. 63rd Ave, Laveen 85339

ORGANIZATION:

EMAIL [redacted]

COMMENTS: Keep it East of the 202 & near businesses & not residential. Please do not come into Rancho Grande as it will disturb like stock and the humans. We are the 2nd oldest community in Laveen. We didn't choose the 202 nor the additional population. The new residents can choose to live near a line or not. We weren't given a choice when we moved in over 40 years ago.

Thank you for your time and interest!

To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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South Mountain Transmission Project
Open House (Phase 2)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Danny + Shelley Sanchez **PHONE:** 801-556-3898

ADDRESS: 9007 So 67th Dr, Laveen

ORGANIZATION:

EMAIL: sanchezs1961@gmail.com

COMMENTS: We understand the necessity of the project, but we prefer the line routes be closer to the 202 and away from our housing development (Mclellan Ranch), ~~So~~, we would be okay with any of the lines "except" S1 + S2 (Yellow + blue).

Thank you!

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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South Mountain Transmission Project
Open House (Phase 2)
Comment Form

Thank you for your interest in this Project. Please complete this form and provide any comments about the Project.

PLEASE PRINT

NAME: Victoria Dean **PHONE:** 4807721079

ADDRESS: 6728 W. Coles Rd Laveen 85339

ORGANIZATION: McClellan Ranch (off Dobbins West of 59th)

EMAIL: vickiemdean@gmail.com

COMMENTS: We prefer routes S3 or S4.

Routes S1 + S2 are too close to residential homes.

I support the project + wish to be kept informed.

Thank you for your time and interest!
To learn more about this project, visit www.srp.net/SMT or call 855-584-1484.

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EXHIBIT J-3C
SUMMARY OF COMMENTS

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/8/2023	Gila River Indian Community (GRIC)	Meeting	Project Update	Attendees: Charles Goldtooth (GRIC), Anthony Villareal (GRIC), Terrance Evans (GRIC) Devin Redbird (GRIC)GRIC was happy to hear that we are planning a substation near the GRIC community. GRIC has plans for development in the area and may someday need todraw distribution power for the planned substation.	Attendees: Rick Hernandez (SRP), Jacob Rodriguez (SRP), Gwen Salt (SRP) Provided high-level overview of the project scope, schedule, and plan. GRIC was happy to hear that we are planning a substation near the GRIC community. GRIC has plans for development in the area and may someday need todraw distribution power for the planned substation.
12/1/2023	Gila River Indian Community (GRIC)	Meetting	Project Update	Attendees: Charles Goldtooth (GRIC), Anthony Villareal (GRIC), Terrance Evans (GRIC), Paul Vanderveen (WH Pass) GRIC was glad to hear that we started the process to order long-lead materials and that we were performing the due diligence on the property we selected for the substation site.	Attendees: Rick Hernandez (SRP), Gwen Salt (SRP) Provided an update on the project. SRP also onboarded an environmental consultant to assist with the siting phase of the project.
3/21/2024	Western Area Power Authority (WAPA)	Meeting	Proposed route	They were willing to work with us if we constructed a new 230 kV line along the greenbelt, but SRP would need to pay for relocation.	Discussed their 230 kV line along the greenbelt on 48th Lane. SRP discussed the possibility of relocating their line to make room for our line on Baseline Road & 48th Lane.
3/28/2024	City of Phoenix Staff - City Management Department	Meeting	Early Outreach		SRP (Diego Espinoza briefed City Management Dept (Deputies)
4/3/2024	Maricopa County Supervisor-Steve Gallardo	Briefing	Early Outreach	Supportive of Project	
4/3/2024	Maricopa County Supervisor Chief of Staff- David Gallaviz	Briefing	Early Outreach	Supportive of Project	
4/18/2024	Nayeli Sanchez-Luna	Email Outgoing	Early Outreach		S.Horgen reached out by phone and email to introduce herself and to schedule a meeting with her regarding and upcoming project in the Laveen Village area that will be intended to support future development. Offered April 23rd or April 24th as potential options. Mentioned we wanted to try and reach out to her in advance of this project becoming public to understand her feedback and best way of ensuring awareness of this project in the Laveen community.
4/22/2024	Manual Burboa	Email outgoing	Early Outreach	No response	S. Horgen emailed to notify about project to support development in Laveen. Offered a meeting and said SRP was trying to reach them for feedback and to bring awareness to the Laveen community.
4/29/2024	Nayeli Sanchez-Luna	Phone call outgoing	Request meeting	Nayeli suggests we meet with Village Planning Committee (VPC) Chair and Vice Chair about the project. She said SRP can also present at that meeting with project info. VPC members are appointed by COP council or Mayor, VPC is in council district 7 & 8 VPC is open to the public to join VPC is wanting more trees and pedestrian access to the conveyance channel. She thinks this project will be beneficial to the community but thinks community will be concerned with how our plans affect future development. VPC wants to reactivate the Laveen Area Conveyance Channel (LACC) She also noted Laveen Citizens for Responsible Development, she will send email and contact name for that group. Very active and attend VPC regularly. Members are not a part of City of Phoenix, group of citizens who have an interest in development. She said she could see if she could find the chair for Laveen Community Council and email it to Sam. She appreciated the reach out.	Spoke with Nayeli and offered to arrange a meeting with our team to get her up to speed on the project should she receive any questions. SRP would be happy to present to Village Planning Committee (VPC) SRP was also considering reaching out to Laveen Community Council - asked if she has a contact, and if not, we may have one since we support the annual BBQ event.
4/30/2024	Laurie Woodall	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Kaitlyn Neff) debriefed Commissioner Marquez-Peterson & Laurie Woodall on 4/30/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
4/30/2024	Lea Marquez-Peterson	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Kaitlyn Neff) debriefed Commissioner Marquez-Peterson on 4/30/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/1/2024	Briton Baxter	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed ACC Staff Utilities Division Director Ranelle Paladino, Utilities Division Assistant Director Briton Baxter & Lead Engineer Ryan Witt on 5/1/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/1/2024	Ranelle Paladino	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed ACC Staff Utilities Division Director Ranelle Paladino, Utilities Division Assistant Director Briton Baxter & Lead Engineer Ryan Witt on 5/1/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/1/2024	Ryan Witt	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed ACC Staff Utilities Division Director Ranelle Paladino, Utilities Division Assistant Director Briton Baxter & Lead Engineer Ryan Witt on 5/1/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/1/2024	Nayeli Sanchez-Luna	Meeting	Project Update	Public has wanted Dobbins to be scenic route, but no movement on that at this point. Yellow line was concerned with helicopter pad, but SRP says not showstopper, if we incorporate that into our design, but SRP is sensitive to that. Trees along Channel? Laveen will want vegetation along Dobbins and Channel. On Dobbins, would route be on north or south? Not determined yet Provided a contact for Village Planning Committee (VPC) contact- Rebecca who is interested in reactivating the conveyance channel area, she will want to know if the line will limit that effort. East route concern will be effect on ecosystems, environment, species. They will inquire if enironmental study is going to be done Upcoming VPC is June 10th. --VPC meets 2nd Monday of the Month.	Rick reviewed project background, scope of the work, parcels that were purchased, proposed transmission line routes. Ongoing collaboration with City of Phoenix. Rick reviewed poles types as a reference and preliminary project schedule. On Dobbins, uncertain on what side yet. Vegetation can be added, but depends on what kind and the height of the vegetation SRP would like to present to VPC on June 10th.
5/1/2024	Linda Abegg	Email outgoing	Early Outreach	Thank you for reaching out! Email, phone, or virtual meetings are all great ways to contact us. I would also love to review information as early as possible. Is the plan already set, or still in the planning phases? Would you prefer to start with sending us materials to review or setting up a call/virtual meeting? Thanks, Linda	S.Horgen emailed Linda Abegg, Rebecca Perrera, & Stephanie Hurd to make awareness of infrastructure project to support the future development in Laveen. Offered to meet at their next committee member to present information or ahead of public launch and committee meeting. Offered a virtual meeting to all next week. Email is in attachments.
5/1/2024	Rebecca Perrera	Email outgoing	Early Outreach		S.Horgen emailed to make awareness of infrastructure project to support the future development in Laveen. Offered to meet at their next committee member to present information or ahead of public launch and committee meeting. Email is in attachments.
5/1/2024	Stephanie Hurd	Email outgoing	Early Outreach		S.Horgen emailed to make awareness of infrastructure project to support the future development in Laveen. Offered to meet at their next committee member to present information or ahead of public launch and committee meeting. Email is in attachments.
5/2/2024	Anna Tovar	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, & Manny Tarango) debriefed Commissioner Tovar & Policy Advisor Wes Van Cleve on 5/2/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/2/2024	Arizona Black Law Enforcement Employees ABLE	Added to email	Project updates		Added to project email list.
5/2/2024	Jim O'Connor	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed Commissioner O'Connor & Policy Advisor Katharine Fredrickson on 5/2/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/2/2024	Katharine Fredrickson	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed Commissioner O'Connor & Policy Advisor Katharine Fredrickson on 5/2/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/2/2024	Laveen Association of HOAs LAHOA	Added to email	Project updates		Added to project email list
5/2/2024	Maryvale Estrella Mountain Community Alliance	Added to email	Project updates		Added to email for project updates.
5/2/2024	Michael Clark	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed Commissioner Myers & Policy Advisor Michael Clark on 5/2/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/2/2024	Nick Myers	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Stephanie Navarro) debriefed Commissioner Myers & Policy Advisor Michael Clark on 5/2/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/2/2024	Paseo Pointe Neighborhood Association	Added to email	Project updates		Added to project email distribution for updates.
5/2/2024	Phil Hertel	Added to email	Added to email list		Added to project email list
5/2/2024	Wesley Van Cleve	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs & Manny Tarango) debriefed Commissioner Tovar & Policy Advisor Wes Van Cleve Myers on 5/2/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/2/2024	Wendy Flood	Email outgoing	Early Outreach	Response from Wendy: Hi there. Yes he is but I can be a contact for the council. I am one of the directors on the board. It is possible he didnt get back to you, as we only have 1 meeting left. Next Tuesday and that is when we present the schloarship to high school seniors. When is the project as our next meeting wont be till sept.? Wendy	S. Horgen received Wendy's info after emailing another contact. S. Horgen emailed Wendy letting her know of an SRP power infrastructure project coming to Laveen to support future development and if she would be the main contact. SRP would appreciate the opportunity to brief the group if they are interested.
5/3/2024	Kevin Thompson	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs & Stephanie Navarro) debriefed Commissioner Thompson & Policy Advisor Ryan Anderson on 5/3/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/3/2024	Ryan Anderson	Briefing	Early Outreach	Meeting outcome: Overall very appreciative of early notice before public launch	SRP (David Felix, Jon Hubbard, Jason Riggs & Stephanie Navarro) debriefed Commissioner Thompson & Policy Advisor Ryan Anderson on 5/3/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses
5/3/2024	Keith Waddel	Web Site Comment		Just a test. Thanks.	
5/9/2024	Blaise Caudill	Briefing	Early Outreach	Alan Eder, briefed Blaise Caudill, Energy Policy Advisor, Govenor's Office of Resiliency & Maren Mahoney (Director) on 5/9/24.	Meeting notes: • Favorable disposition to the project. Noted logic and need for infrastructure for jobs corridor. • One minor note towards cultural sensitivity/antiquities – noted that he would be curious if issues for tribes arose. - Response that SRP has been speaking with and working with GRIC. Additionally, it would be an evaluating factor for the ACC line siting process in the fall. - Area is adjacent to 202, so ADOT would have gone through robust environmental and cultural review to put freeway in as well. • No major questions or concerns.
5/9/2024	Carlos Galindo-Elvira	Meeting	Early Outreach		SRP (Diego Espinoza) briefed Frank McCune & Carlos Elvira (Council Member, District 7) on 5/9.
5/9/2024	Frank McCune	Meeting	Early Outreach		SRP (Diego Espinoza) briefed Frank McCune & Carlos Elvira (Council member, District 7) on 5/9.
5/9/2024	Maren Mahoney	Briefing	Early Outreach	Alan Eder, briefed Blaise Caudill, Energy Policy Advisor, Govenor's Office of Resiliency & Maren Mahoney (Director) on 5/9/24.	Meeting notes: • Favorable disposition to the project. Noted logic and need for infrastructure for jobs corridor. • One minor note towards cultural sensitivity/antiquities – noted that he would be curious if issues for tribes arose. - Response that SRP has been speaking with and working with GRIC. Additionally, it would be an evaluating factor for the ACC line siting process in the fall. - Area is adjacent to 202, so ADOT would have gone through robust environmental and cultural review to put freeway in as well. • No major questions or concerns.
5/9/2024	Shawn Nurse- Avalon Village	Phonecall	Contact Verification		Called to ensure email and phone number are correct. Added to email list.
5/9/2024	Steve Olea	Briefing	Early Outreach	Reminded us to try and give the LSC some options to choose from.	SRP (David Felix, Jon Hubbard, Jason Riggs, Manny Tarango & Kaitlyn Neff) debriefed ACC Advisor Steve Olea on 5/9/24. Discussed Purpose & Need, showed map with line routes, presented project schedule, discussed the phased public engagement approach and upcoming dates for public launch and open houses

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/9/2024	Joanne Jensen	Meeting	Early Outreach Project Update	*Can PowerPoint be shared ahead of public launch. Anything we put out publicly next week can be shared on public launch. *Metrix-weight of public opinion, environmental, feasible, constructable and maintenance, balance it all *Who is the decision maker. Kenda reviewed siting process of public feedback, hearing and ACC Do you have preferred routes, 3 are on west side, linear feature. *Mitigations for, bike path, decorative art, substation wall aesthetics. *Acknowledge they need this for development *Billboard concern they don't get more preference because over people *Art pieces along the route options, more bike connectivity decorative, mural, landscaping near block wall, Cheatham mentioned, thinks that was is ugly. *Chair, Linda Abegg and Rebecca, member wants SRP to avoid residential, prefers west of 202, Dobbins is not an option, historical advocation along, avoid conveyance channel. Bike path is on the north side, noise of lines. *When going into construction, anticipate summer 2026, in-service spring 2027 Rebecca, who is paying for this project, rates going up, believes this will be a question? Have I been paying for this for 10 years and it is now being used or will rates go up to pay for this project? *Appreciated project information.	Attendees: SRP- Rick Hernandez, Kenda Polio, Sam Horgen VPC- Linda Abegg, Rebecca Perrera, Joanne Jensen, Stephanie Hurd Rick provided overview, project scope, project timeline, public process and regulatory process. Will get back to Rebecca on question regarding how this project affects rates or how does this project play a role in rates?
5/9/2024	Linda Abegg	Meeting	Early Outreach Project Update	*Can PowerPoint be shared ahead of public launch. Anything we put out publicly next week can be shared on public launch. *Metrix-weight of public opinion, environmental, feasible, constructable and maintenance, balance it all *Reviewed siting process of public feedback, hearing and ACC Do you have preferred routes, 3 are on west side, linear feature. *Mitigations for, bike path, decorative art, substation wall aesthetics. *Acknowledge they need this for development *Billboard concern they don't get more preference because over people *Art pieces along the route options, more bike connectivity decorative, mural, landscaping near block wall, Cheatham mentioned, thinks that was is ugly. *Chair, Linda Abegg and Rebecca, member wants SRP to avoid residential, prefers west of 202, Dobbins is not an option, historical advocation along, avoid conveyance channel. Bike path is on the north side, noise of lines. *When going into construction, anticipate summer 2026, in-service spring 2027 Rebecca, who is paying for this project, rates going up, believes this will be a question? Have I been paying for this for 10 years and it is now being used or will rates go up to pay for this project? *Appreciated project information.	Attendees: SRP- Rick Hernandez, Kenda Polio, Sam Horgen VPC- Linda Abegg, Rebecca Perrera, Joanne Jensen, Stephanie Hurd Rick provided overview, project scope, project timeline, public process and regulatory process. Will get back to Rebecca on question regarding how this project affects rates or how does this project play a role in rates?

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/9/2024	Rebecca Perrera	Meeting	Early Outreach Project Update	*Can you cross highway, yes. *Can PowerPoint be shared ahead of public launch. Anything we put out publicly next week can be shared on public launch. *Metrix-weight of public opinion, environmental, feasible, constructable and maintenance, balance it all *Who is the decision maker. Kenda reviewed siting process of public feedback, hearing and ACC Do you have preferred routes, 3 are on west side, linear feature. *Mitigations for, bike path, decorative art, substation wall aesthetics. *Acknowledge they need this for development *Billboard concern they don't get more preference because over people *Art pieces along the route options, more bike connectivity decorative, mural, landscaping near block wall, Cheatham mentioned, thinks that was is ugly. *Chair, Linda Abegg and Rebecca, member wants SRP to avoid residential, prefers west of 202, Dobbins is not an option, historical advocation along, avoid conveyance channel. Bike path is on the north side, noise of lines. *When going into construction, anticipate summer 2026, in-service spring 2027 Rebecca, who is paying for this project, rates going up, believes this will be a question? Have I been paying for this for 10 years and it is now being used or will rates go up to pay for this project? *Appreciated project information.	Attendees: SRP- Rick Hernandez, Kenda Polio, Sam Horgen VPC- Linda Abegg, Rebecca Perrera, Joanne Jensen, Stephanie Hurd Rick provided overview, project scope, project timeline, public process and regulatory process. Will get back to Rebecca on question regarding how this project affects rates or how does this project play a role in rates?
5/9/2024	Stephanie Hurd	Meeting	Early Outreach Project Update	*Can PowerPoint be shared ahead of public launch. Anything we put out publicly next week can be shared on public launch. *Metrix-weight of public opinion, environmental, feasible, constructable and maintenance, balance it all *Who is the decision maker. Kenda reviewed siting process of public feedback, hearing and ACC Do you have preferred routes, 3 are on west side, linear feature. *Mitigations for, bike path, decorative art, substation wall aesthetics. *Acknowledge they need this for development *Billboard concern they don't get more preference because over people *Art pieces along the route options, more bike connectivity decorative, mural, landscaping near block wall, Cheatham mentioned, thinks that was is ugly. *Chair, Linda Abegg and Rebecca, member wants SRP to avoid residential, prefers west of 202, Dobbins is not an option, historical advocation along, avoid conveyance channel. Bike path is on the north side, noise of lines. *When going into construction, anticipate summer 2026, in-service spring 2027 Rebecca, who is paying for this project, rates going up, believes this will be a question? Have I been paying for this for 10 years and it is now being used or will rates go up to pay for this project? *Appreciated project information.	Attendees: SRP- Rick Hernandez, Kenda Polio, Sam Horgen VPC- Linda Abegg, Rebecca Perrera, Joanne Jensen, Stephanie Hurd Rick provided overview, project scope, project timeline, public process and regulatory process. Will get back to Rebecca on question regarding how this project affects rates or how does this project play a role in rates?
5/13/2024	Amber Ridge Heights HOA	Phonecall Outgoing	Verified contact		Verified contact information for outreach and email updates
5/13/2024	Amber Sharp	Phone call outgoing	Verification of contact info		Emails and phone are good.
5/13/2024	Element on Euclid HOA	Added to email	Verified contact		Verified contact information for email updates.
5/13/2024	Gisele Norberg	Phonecall outgoing	Verify contact	Phyllis responded with "thank you".	Left message for a call back. Received call back from Phyllis Strobel. She said Giselle is the property manager. She said to email her information. Sent email and website and signup for open house.
5/13/2024	McClellan Ranch HOA	Phonecall outgoing	Verified contact		Verified contact information for outreach and email updates
5/13/2024	No Contact	Phonecall outgoing	Verification of contact info		No good contact found
5/13/2024	Noah Burns	Phonecall outgoing	Verification of contact info		Confirmed Noah is the prop manager. Left message for Noah, informed of Open House coming up, will email postcard, website url and sign-up registration, also invite for presentation by SRP. Added to project email list.
5/13/2024	Rancho Verde Estates HOA	Added to email	Verified contact		Verified contact information for email and project updates.
5/13/2024	Shannon Plessel	Phonecall outgoing	Verification of contact info		Confirmed contact information and prop manager. Provided Sam's contact information.

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5/13/2024	Taylor Ghormley	Phonecall outgoing	Verification of contact info.	New build, opened in January, Katie didn't have HOA contact info.	Emailed Taylor Ghormley, Lily Kelin and Katie Aiello project information. Added to email list
5/13/2024	Tierra Montana HOA	Phone call outgoing	Verify contact		Called to verify contact information for email updates and outreach
5/13/2024	Villages at Laveen Ranch HOA	Added to email	Phone call to verify contact		Verified contact information for outreach and email updates.
5/13/2024	Linda Abegg	Email outgoing	Follow up thank you	Linda asked me to work with Nayeli (Laveen Village Planner at City of Phoenix) to get on the June agenda.	S.Horgen sent thank you note with appreciation for meeting. Also asked how SRP gets on the committee agenda for June 10th?
5/13/2024	Wendy Flood	Email outgoing	Coordination for information distribution	We do not have any more meetings till the fall. What I can do is promote the meeting via our social media channels that focus on laveen and south mountain residents. Send me what we can post and we can help that way.	Thank you for your response! The public announcement for our power infrastructure project is May 20, 2024. Are the BBQ and your email Wendy good emails to include for project information? Are you able to share with your committee via email? SRP will have public open house meeting opportunities available for them to attend either online or in-person as well. We have a virtual meeting at the end of this month and an in-person scheduled in June (more information on these meeting to come on May 20th).
5/14/2024	Al Chatman Jr.	Phone call outgoing	Verify Info		Verified contact information for email and outreach
5/14/2024	Alara HOA	Phonecall Outgoing	Verify contact		Verified contact information for outreach and email updates 5/14 sent email
5/14/2024	Chris Camacho	Meeting		They are willing to support via letter	SRP (Karla Moran) met with GPEC (Thomas, Maynard, Chris Camacho & Zach Venvertloh) to discuss project.
5/14/2024	Christine Mackay	Meeting		They are willing to support via testimonial or letter.	SRP (Karla Moran) met with City of Phoenix (Christine Mackay) to discuss project.
5/14/2024	Dan Solofra	Phone call outgoing	Verify contact	Not built yet	Verify contact for outreach and emails
5/14/2024	Donna Miller	Added to email	Verified contact		Confirmed email and added to project updates list
5/14/2024	Islamic Center of Laveen Laveen Mosque	Phone call outgoing	Verify contact	Newly contstructed	Verified contact and email for public updates.
5/14/2024	J. P. Ketcham	Phone call outgoing	Verify contact		Desert Meadows School
5/14/2024	Jeff Heredia	Phone call outgoing	Verify contact info		Verified contact for school, within 1 mile of school, Jeff Heredia.
5/14/2024	Jeff Sprout	Phone call outgoing	Verify contact		Verify contact for outreach and email
5/14/2024	Jeffrey Campos	Meeting	Early Outreach	Meeting outcome: Appreciated the information and offered support, supportive of the project, offered help, asked for written material when available	SRP (Hilen Cruz & Jessica Mayer) met with Jeffrey Campos with Southwest Valley Chamber of Commerce to discuss Laveen Project/South Mountain Tranmission Project.
5/14/2024	Jessica Epacs	Phonecall Outgoing	Verify contact		Verify contact for outreach and email.
5/14/2024	Jim Martin	Phone call outgoing	Verify contact		Verified contact information to share project info and send my email.
5/14/2024	Kristi Pashley	Phone call outgoing	Verify contact		Verified contact for outreach and email list
5/14/2024	Latasha Allen	Phone call outgoing	Verify contact		SRP has a phone number, but they declined to provide an email for the project updates.
5/14/2024	Laveen Vista HOA	Phone call outgoing	Verify contact		Left a voicemail to verify contact information and sent email
5/14/2024	Megan Hamburgh	Phonecall outgoing	Verify contact		Verify contact for outreach and eamil.
5/14/2024	Melissa Morgan	Phone call outgoing	Verify contact		Verified contact info for Paseo Point Dual Language Academy.
5/14/2024	Nick Brandt	Phone call outgoing	Verify contact		Verify contact for outreach and email list.
5/14/2024	Nicole Goodwin	Phonecall outgoing	Verify contact		Verify contact for outreach and email
5/14/2024	Ryan Ruiz	Meeting		They are willing to support via letter	SRP (Karla Moran) met with AZ Commerce Authority (Sandra Watson & Ryan Ruiz) to discuss project.
5/14/2024	Sandra Watson	Meeting		They are willing to support via letter	SRP (Karla Moran) met with AZ Commerce Authority (Sandra Watson & Ryan Ruiz) to discuss project.
5/14/2024	Sintra Hoffman	Meeting		They are willing to support via testimonal or letter	SRP (Karla Moran) met with Westmarc (Sintra Hoffman) to discuss project.
5/14/2024	Thomas Maynard	Meeting		They are willing to support via letter	SRP (Karla Moran) met with GPEC (Thomas, Maynard, Chris Camacho & Zach Venvertloh) to discuss project.
5/14/2024	Todd Sanders	Meeting	Early Outreach	Meeting outcome: Appreciated the information and offered support, willing to help educate members and other chambers	SRP (Hilen Cruz & Jessica Mayer) met with Todd Sanders to discuss Laveen Project/South Mountain Tranmission Project.
5/14/2024	Zach Venvertloh	Meeting		They are willing to support via letter	SRP (Karla Moran) met with GPEC (Thomas, Maynard, Chris Camacho & Zach Venvertloh) to discuss project.
5/15/2024	Arlington Estates HOA	Added to email	Verified contact		Verified contact information for outreach and email updates
5/15/2024	Arosa Estates HOA	Added to email	Verified contact		Verified contact information for outreach and email updates
5/15/2024	Clyde Smith	Community Event	Project review		KPE spoke with owner, says his land is in escrow due to close June 30th. Invited to Phase 1 Open house at Fairfax High School. Owns other property in the area.

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5/15/2024	Coplen Farm Estates	Added to email	Verified contact		Verified contact information for email updates
5/15/2024	Dobbins Corner HOA	Added to email	Verified contact info		Verified contact information for email udpates
5/15/2024	Dobbins Point HOA	Added to email	Verified contact		Verified contact information for email updates
5/15/2024	Jermaine Argusta	Phone call outgoing	Verify contact		Verify contact information and for emails
5/15/2024	Laveen Vistas II HOA	Added to email	Verified contact info		Verified contact information for email and project updates.
5/15/2024	Legacy at Hudson HOA	Phone call outgoing	Verified contact		Verified contact information for outreach and email updates
5/15/2024	Linda Abegg	Email Incoming	Power Line Safety	Good evening, Below you will find input from the CFO of Laveen Elementary School District regarding proximity of power lines to children. I hope we can take this into consideration in the chosen alignment. This will be included in comments during the public process as well. (FYI-I am also on Laveen's Governing Board/School Board.) Thank you, Linda Abegg LVPC Chair Comments saved in email attachment and are also listed under Charlie Martin	S.Horgen shared this information with our project team and our project manager shared the information below. I am not the expert, but we will have someone present at our open houses who can review this subject with you if that would be helpful. In case you are interested, SRP also has a website that references electric and magnetic waves or EMFs. It also has links to outside sources as well. Please feel free to check it out if you are interested. SRP reviews this periodically if any appropriate EMF information updates becomes available. www.srpnet.com/electric/emf.aspx SRP understands the community's concern with constructing overhead powerlines near schools. Public Safety is a priority of SRP and is always planned for when potential routes are identified during the siting phase of a project. Our design team will use National Electric Safety Code (NESC) requirements and industry best practices to ensure the power lines are designed and constructed with the public's safety in mind.
5/15/2024	Monica Villalobos	Meeting	Early Outreach	Meeting outcome: Appreciated the information and offered support, supportive of the project, offered help, asked for written material when available	SRP (Hilen Cruz & Jessica Mayer) met with Monica Villalobos with AZ Hispanic Chamber of Commerce to discuss Laveen Project/South Mountain Tranmission Project.
5/15/2024	Myesha Harris	Meeting	Early Outreach	Meeting outcome: Appreciative of the notice and interested in additional info/briefings. Positive interaction, neutral reaction to the project.	SRP (Hilen Cruz & Jessica Mayer) met with Myesha Harris with South Mountain and Laveen Chamber of Commerce to discuss Laveen Project/South Mountain Tranmission Project.
5/15/2024	Riverwalk Villages HOA	Phone call outgoing	Verify contact	Contact is Patti Garvin, added to email.	Verified email and contact for project updates.
5/15/2024	Robert Caplinger	Phone call outgoing	Verify contact	Near Olney. Sandra asked to send info via email to Robert Caplinger.	Verify contact for outreach and email
5/15/2024	Sierra Colina HOA	Phone call outgoing	Verify contact		Verify contact information for outreach and email updates
5/15/2024	Trailside Point HOA	Phone call outgoing	Verify contact		Verified contact information by phone for email updates and outreach
5/15/2024	Vista Rio HOA	Added to email	Project Updates		Verified email and contact, requested meeting dates.
5/15/2024	Vineyard Commons HOA	Added to email	Project updates		Verified email and added to project updates emails
5/16/2024	Baseline Ranch HOA	Added to email	Verified contact		Verified contact information for email updates
5/16/2024	Representative Junelle Cavero	Briefing	Early Outreach	Fareed Bailey and Alan Eder briefed State Representative Junelle Cavero, Arizona House of Representatives (LD 11 – South Phoenix, Laveen) on 5/16/24.	Meeting Notes: • No immediate concerns. Had questions on what types of questions/concerns could come up from constituents. - Response back was sometimes it could be concerns over construction/traffic. And questions about overhead v. undergrounding of lines. Explained cost differential and trade-offs of different approaches, SRP being a cost minimizer and sensitive to price impacts for customers. • Wanted to know what the public timeline/input process was. o Shared timeline for open houses and ACC hearing process. • Appreciated the heads up. • Will be in touch if issues arise. • No major questions or concerns at this time. • State Team will follow-up via email with the postcard when it is made public. - Rep. Cavero would appreciate a 1-2 day lead if possible.
5/16/2024	Laveen Meadows HOA	Phone call outgoing	Verified contact		Verified contact information for outreach and email updates
5/16/2024	Laveen Ranch HOA	Phone call outgoing	Verify contact		Verified contact information for outreach and email updates
5/16/2024	Oscar De Los Santos	Briefing	Early Outreach		Fareed Bailey and Alan Eder briefed State Representative De Los Santos, Arizona House of Representatives on 5/20/24. Meeting Notes: Contact with assistant. Follow-up emails with line routes and website link sent. State Rep. appreciated the info.

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5/17/2024	Anthony Villareal, SR-GRIC	Meeting	Early Outreach	GRIC Councilmembers appreciate the update, willing to share the mailer with their consitutients. Asked about the potential for connection on future developments at Vee Quiva Casino, 51st Ave Apartment Building, and other GRIC projects.	SRP (Gwen Salt, Rick Hernandez) share phase 1 mailer & answered questions GRIC councilmembers had. Will be coordinating a standing meeting between SRP and GRIC on future development. Next meeting in September Attendees: SRP: Gwen Salt & Rick Hernandez GRIC: Terrace Evans, Charles Goldtooth & Anthony Villareal, SR
5/17/2024	Charles Goldtooth-GRIC	Meeting	Early Outreach	GRIC Councilmembers appreciate the update, willing to share the mailer with their consitutients. Asked about the potential for connection on future developments at Vee Quiva Casino, 51st Ave Apartment Building, and other GRIC projects.	SRP (Gwen Salt, Rick Hernandez) answered questions GRIC councilmembers had. Will be coordinating a standing meeting between SRP and GRIC on future development. Next meeting in September Attendees: SRP: Gwen Salt & Rick Hernandez GRIC: Terrace Evans, Charles Goldtooth & Anthony Villareal, SR Update on Phase 1 public process, reviewed line routes. Discussed regulatory process and project schedule.
5/17/2024	Rogers Ranch HOA	Phone call outgoing	Verified contact		Verified contact information for outreach and email updates
5/17/2024	Terrace Evans-GRIC	Meeting	Early Outreach	GRIC Councilmembers appreciate the update, willing to share the mailer with their consitutients. Asked about the potential for connection on future developments at Vee Quiva Casino, 51st Ave Apartment Building, and other GRIC projects.	SRP (Gwen Salt, Rick Hernandez) answered questions GRIC councilmembers had. Will be coordinating a standing meeting between SRP and GRIC on future development. Next meeting in September Attendees: SRP: Gwen Salt & Rick Hernandez GRIC: Terrace Evans, Charles Goldtooth & Anthony Villareal, SR
5/20/2024	Amber Ridge HOA	Email outgoing	Project Updates		Sent email on project. Added to project updates email list
5/20/2024	Artesa Community HOA	Added to email	Verified contact		Verified contact information for outreach and email updates
5/20/2024	Cameron Creek HOA	Added to email	Verified contact		Verified contact information for email updates
5/20/2024	Country Glen HOA	Added to email	Verifying contact		Left message to verify contact information.
5/20/2024	John Augustine	Meeting	Project Announcement	Attendees: Wes Lines Stephen Williams Reid Butler Rocky Shelton John Augustine Concerns expressed on lines properties north of Baseline and west of the 202. Existing proposed routes will impact planned development plans.	SRP Attendees: Chris Janick Rob Taylor Nina Mullins Rick Hernandez Sam Horgen Reviewed scope of project and introduced the proposed route options. Noted that we mailed notification today, sent emails and started social media to notify of the route options. SRP will circle back after public open houses and when feedback is received.
5/20/2024	John R. "Rocky" Shelton	Meeting	Project Announcement	Landowner Attendees: Wes Lines Stephen Williams Reid Butler Rocky Shelton John Augustine Reid and Wes concerned with proposed routes. Believe they will negatively impact planned development north of Baseline and west of the 202.	SRP: Chris Janick Rob Taylor Nina Mullins Rick Hernandez Sam Horgen
5/20/2024	Laveen Dobbins Village HOA	Added to email	Verified contact		Verified contact information for email updates
5/20/2024	Nayeli Sanchez-Luna	Email outgoing	Project update	Good morning Samantha, Regarding the June agenda, I will make sure to added you as an information only item. I will touch base closer to the June VPC to provide more information and deadlines for the information only presentation. Please send me the announcement, it doesn't seem that I received it. I will forward it to the VPC along with the website.	S. Horgen emailed Nayeli to let her know that the public announcement of the proposed SMT project was released. She also wanted to let her know that SRP met with a few members of the Laveen Village Planning Committee (VPC) last week and they said we could arrange to be on their Village Planning Committee Meeting June 10th, but to reach out to you for coordination. S. Horgen also provided the project website link. Sam provided project information via email on 5/29/24

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5/20/2024	Reid Butler	Meeting	Project Announcement	Attendees: Wes Lines Reid Butler Stephen Williams Rocky Shelton John Augustine Reid and Wes concerned with proposed routes. Believe they will negatively impact planned development north of Baseline and west of the 202.	SRP Attendees: Chris Janick Rob Taylor Nina Mullins Rick Hernandez SRP is introducing routes to all landowners and general public. Mailers were mailed today followed by emails and social media will go out. We will discuss again as we move through the public process. SRP is meeting with all stakeholders and interested parties and then will reevaluate route options.
5/20/2024	Representative Oscar De Los Santos	Briefing	Early Outreach	Contact with assistant. State Rep. appreciated the info.	SRP (Alan Eder) followed-up with an email providing line routes options and the project website link.
5/20/2024	Riverwalk Estates HOA	Added to email	Verified contact		Verified contact information for public updates.
5/20/2024	Stephen Williams	Meeting	Project Announcement	Landowner Attendees: Wes Lines Stephen Williams Reid Butler Rocky Shelton John Augustine	SRP: Chris Janick Rob Taylor Nina Mullins Rick Hernandez Sam Horgen Reid and Wes concerned with proposed routes. Believe they will negatively impact planned development north of Baseline and west of the 202.
5/20/2024	Vaquero Estates HOA	Added to email	Project updates		Verified contact information and added to email list
5/20/2024	Wes Lines	Meeting	Project Announcement	Landowner Attendees: Wes Lines Reid Butler Stephen Williams Rocky Shelton John Augustine Reid and Wes concerned with proposed routes. Believe they will negatively impact planned development north of Baseline and west of the 202.	SRP Attendees: Chris Janick Rob Taylor Nina Mullins Rick Hernandez Christopher Dobson SRP is introducing routes to all landowners and general public. Mailers were mailed today followed by emails and social media will go out. We will discuss again as we move through the public process. SRP is meeting with all stakeholders and interested parties and then will reevaluate route options.
5/21/2024	ALDI (Laveen Village)	Phone call outgoing	Project Update		SRP/KP Environmental Services tried to contact, ALDI does not allow for calls - will have to visit store to speak to mgmt per corporate.
5/21/2024	Aspen Dental Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Aspen Dental is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Atletico Physical Therapy (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	AutoZone Auto Parts (Laveen Village)	Phonecall outgoing	Project info		employee unaware of project but said would check with mgr to see if postcard was received
5/21/2024	Bank Of America Laveen Ranch Marketplace	Phone call outgoing	Outreach		Bank of America is lessee @ Laveen Ranch Marketplace. Contacted property manager Eric Litwin with Litwin Management to provide project information. Property manager will provide information to all leaseholders at Laveen Ranch Marketplace and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Ranch Marketplace can be viewed under Eric Litwin's interaction.
5/21/2024	Big O Tires (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to reach by phone - no answer.

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5/21/2024	Bosa Donuts Coffee & Smotthie (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Manager unavailable per hostess, told employee about project.
5/21/2024	Brakes Plus (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to reach by phone - no answer.
5/21/2024	Bright Now! Dental & Orthodontics	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Left message with receptionist about project.
5/21/2024	Bubbles Nails Spa (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Children's Learning Adventure (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Christina Lespron	Phonecall Outgoing	Verification of contact info		Confirmed contact information. Add to project email list.
5/21/2024	Classic Barbers LLC (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Cobblestone Auto Spa (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Colt Tire (Laveen Village)	Phone call outgoing	Outreach	Employee unsure if received information about project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	David Glasser Athletic Complex (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. Unable to verify this business or make contact.
5/21/2024	Denny's Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Denny's is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Dollar Self Storage (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to rach by phone - no answer.
5/21/2024	Eagle Commercial Realty Svcs	Phone call outgoing		Laveen Park Place Shopping Center - Paula Lepka is POC for all leaseholders in this business and should be contacted for all updates related to the project to pass along to them. Includes: 1. Denny's 2. Marco's Pizza 3. Michael's 4. MOD Pizza 5. NextCare Urgent Care 6. Sprouts Farmers Market 7. Starbucks 8. TJ Maxx 9. Verizon Wireless 10. Yogi's Grill 11. Jack In the Box 12. Aspen Dental	Contacted to provide project information.
5/21/2024	Estrella Mountain Views HOA	Added to email	Verified contact		Verified contact information for email project updates
5/21/2024	Extra Space Storage (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Left message with employee.
5/21/2024	Firestone Complete Auto Care Laveen Ranch Marketplace	Phone call outgoing	Outreach		Firestone Complete Auto Care is lessee @ Laveen Ranch Marketplace. Contacted property manager Eric Litwin with Litwin Management to provide project information. Property manager will provide information to all leaseholders at Laveen Ranch Marketplace and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Ranch Marketplace can be viewed under Eric Litwin's interaction.
5/21/2024	Frederico's Mexican Food (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Left message with employee as manager was unavailable.
5/21/2024	Free Light Drive Thru	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. No available contact.
5/21/2024	Haciendas at Vineyard HOA	Added to email	Verified contact	Contact Kimberly Potter	Verified contact information for email updates.

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/21/2024	Ja Ramen Laveen	Phone call outgoing	Outreach	Employee unaware of project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Jack In The Box Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Jack In The Box is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Laveen Auto Works (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Laveen Crossing HOA	Added to email	Verified contact		Called to verify contact inforrmation
5/21/2024	Laveen Modern Dentistry Laveen Ranch Marketplace	Phone call outgoing	Outreach		Laveen Modern Dentistry is lessee @ Laveen Ranch Marketplace. Contacted property manager Eric Litwin with Litwin Management to provide project information. Property manager will provide information to all leaseholders at Laveen Ranch Marketplace and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Ranch Marketplace can be viewed under Eric Litwin's interaction.
5/21/2024	Litwin Mgmt	Phone call outgoing	Outreach	Laveen Ranch Marketplace & Laveen Village Marketplace - Eric Litwin with Litwin Management is POC for all leaseholders at properties and should be contacted for all updates related to the project to pass along to them. Laveen Ranch Marketplace: 1. Safeway 2. Bank of America 3. Sonic Drive-In 4. KinderCare 5. Firestone Complete Auto Care 6. Laveen Modern Dentistry 7. Papa John's Pizza 8. The UPS Store Laveen Village Marketplace 1. Home Depot 2. Fry's Food & Drug 3. Wells Fargo 4. McDonald's features: 5. Petco 6. Dollar Tree 7. Applebee's, 8. Filiberto's 9. Barro's Pizza 10. Gentle Dental 11. H&R Block 12. Leslie's Pool Supplies 13. Pizza Hut.	Contacted to provide project information.
5/21/2024	Marco's Pizza Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Marco's Pizza is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Massage Envy (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information.

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/21/2024	Michael's Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Michael's is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	MOD Pizza Laveen Park Place Shopping Center	Phone call outgoing	Outreach		MOD PIzza is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Montana Vistas HOA	Added to email	Verified contact		Verified contact information for email and project updates.
5/21/2024	Mr. Pickle's Sandwhich Shop (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information. Business was closed at time of attempted call.
5/21/2024	NextCare Urgent Care Laveen Park Place Shopping Center	Phone call outgoing	Outreach		NextCare Urgent Care is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Nothing Bundt Cakes (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. Unable to reach customer.
5/21/2024	O'Reilly Auto Parts (Laveen Village)	Phone call outgoing	Outreach	Employee unsure if received information about project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Prime IV Hydration & Wellness (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Quicktrip (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. Unable to reach customer.
5/21/2024	R D Recycling & Sales (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. Unable to reach customer, not a good number.
5/21/2024	Raising Canes (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Robeks Fresh Juices & Smoothies (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. Unable to reach customer.
5/21/2024	Shell Gas Station (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to reach by phone - no answer.
5/21/2024	Sleep Number (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to reach by phone - no answer.
5/21/2024	Sonic Drive-In Laveen Ranch Marketplace	Phone call outgoing	Outreach		Sonic Drive-In is lessee @ Laveen Ranch Marketplace. Contacted property manager Eric Litwin with Litwin Management to provide project information. Property manager will provide information to all leaseholders at Laveen Ranch Marketplace and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Ranch Marketplace can be viewed under Eric Litwin's interaction.
5/21/2024	Sprouts Farmers Market Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Sprouts Farmers Market is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.

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5/21/2024	Starbucks Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Starbucks is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	The Habit Burger Grill (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services attempted to contact customer to provide project information. not able to reach a person at this business by phone
5/21/2024	The Spurr Lounge (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to make contact with customer by phone.
5/21/2024	The UPS Store Laveen Ranch Marketplace	Phone call outgoing	Outreach		The UPS Store is lessee @ Laveen Ranch Marketplace. Contacted property manager Eric Litwin with Litwin Management to provide project information. Property manager will provide information to all leaseholders at Laveen Ranch Marketplace and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Ranch Marketplace can be viewed under Eric Litwin's interaction.
5/21/2024	TJ Maxx Laveen Park Place Shopping Center	Phone call outgoing	Outreach		TJ Maxx is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	USPS (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to reach by phone.
5/21/2024	Valvoline Instant Oil Change (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Verizon Business Services Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Verizona Business Services is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.
5/21/2024	Visionworks Doctor of Optometry (Laveen Village)	Phone call outgoing	Outreach	Employee unsure if received info on project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Wendy Flood	Email Outgoing	Project Announcement	Laveen Community Council represents a venue through which those living in Laveen can communicate with one another. Meetings are first Tuesday of Month at LESD, 5001 W Dobbins Rd, Bldg A, Laveen AZ 85339	S. Horgen email her regarding project announcement. Included project website and ask her if she received the email and if not to please let us know.
5/21/2024	Whataburger (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project but said would check with manager to see if postcard was received.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Whispering Tree Ranch (Laveen Village)	Phone call outgoing	Outreach		SRP/KP Environmental Services contacted customer to provide project information. Unable to reach by phone.
5/21/2024	Wrenches N Ratchets Mobile Garage LLC (Laveen Village)	Phone call outgoing	Outreach	Employee unaware of project.	SRP/KP Environmental Services contacted customer to provide project information.
5/21/2024	Yogi's Grill Laveen Park Place Shopping Center	Phone call outgoing	Outreach		Yogi's Grill is lessee @ Laveen Park Place Shopping Center. Contacted property manager Paula Lepka with Eagle Commercial Realty Services to provide project information. Property manager will provide information to all leaseholders at Laveen Park Place Shopping Center and will pass along all updates related to the project to pass along to them. Full list of leaseholders at Laveen Park Place Shopping Center can be viewed under Paula Lepka's interaction.

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5/21/2024	Martha Benitez	Web Site Comment		Hello, May I submit questions or give input without being virtually present. May I view the virtual meeting without registering. Thank you.	S.Horgen responded via email that Martha is able to provide input without being virtually present and that she could provide it to me directly if she would like to. Sam did confirm that she would need to register to view the virtual meeting because she would need to be sent the link.
5/23/2024	Caroll Brown	Call Incoming	Open House	Reqeusted assistance with registering for the virtual open house.	Victoria Gaston, Public Affairs Specialist, helped customer register for the vitural open house.
5/23/2024	Hayden Kraft	Call Incoming	Other	5/23/24 - Hayden Ray Kraft reached out to SRP via KP Environmental, Hayden is interested in the Project and would like to speak to someone at SRP regarding possible pairing for Battery Storage and development. He can be reached at 602-810-2071. KP Environmental encouraged him to come to the Open House or join virtually. He said he might but really wants to speak with someone from SRP.	Rick Hernandez responded to Mr. Kraft. He explained to him that there was not one large customer driving the project or schedule, and that all the recent re-zoning is an indication of development to come in the area, and the need for SRP to be in front of this future development.
5/23/2024	June Skies HOA	Phone call outgoing	Verified contact		Verified contact information for outreach and email updates
5/23/2024	Edward Dean	Web Site Comment		I'd like to register for the call and not provide a credit card #.	Replied back to Mr. Dean and said there is no requirement for a credit card to sign up and if he had any issues to please follow-up with me.
5/24/2024	Rita & Bernie Gersham	Call Incoming	Open House	Customer called to rsvp for the 6/6/24 in-person open house. Customer had question about the presentation time.	KP Environmental's Victoria Gaston, Public Affairs Specialist, explained the open house presentation format to the customer.
5/25/2024	Betsy Gabriel	Web Site Comment		Donâ‍put it in a residential area please! (Laveen, 63 ave and baseline)	S.Horgen emailed her back. Thanked her for her comment and it will be logged. Asked her if she lives in Avalon Village Community?
5/28/2024	Donna Miller	Email outgoing	Early Outreach		SRP (S. Horgen) emailed City Property Management to invite the community manager to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the Laveen Commons/Bridlewood Community HOA if requested. She let the community manager know there is a proposed alignment route option that is near her HOA.
5/28/2024	Gary Chapek	Call Incoming	Open House	Mr. Chapek had tried to register for the 05/30 virtual OH but had difficulties.I He has lived in Laveen a long time and is curious to see what SRP is up to.	KP Envirionmental's Victoria Gaston, Public Affairs Specialist, took his information and registered him on sign up genius for the noon meeting.
5/28/2024	Katie Aiello	Email outgoing	Early Outreach		SRP (S. Horgen) spoke with Katie Aiello and followed up with an email to invite the community manager to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered her/her area, if requested. She let the community manager know there is a proposed alignment route option that is near her development area.
5/28/2024	Noah Burns	Email outgoing	Early Outreach		SRP (S. Horgen) emailed City Property Management to invite the community manager to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the Estrella Vista/Starlight Homes HOA if requested. She let the community manager know there is a proposed alignment route option that is near their HOA.
5/28/2024	Shannon Plessel	Email outgoing	Early Outreach	5/29/24 Representative said very inactive board, she received email information, will email out as eblast to community.	SRP (S. Horgen) emailed Associated Asset Property Management to invite the community manager to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the Cottonfields Ranch HOA, if requested. She let the community manager know there is a proposed alignment route option that is nearby her HOA.
5/28/2024	Shawn Nurse-Avalon Village	Email Outgoing	Early Outreach	Shawn Nurse response on 5/28/24: Thanks Samantha, I will contact the board an get back to you. Kind Regards, Shawn Nurse, CMCA, AMS | Community Manager REALMANAGE FAMILY OF BRANDS | VISION COMMUNITY MANAGEMENT 16625 S. Desert Foothills Pkwy, Phoenix, AZ 85048 480-759-4945 ext. 1162 | Vision Community Management	SRP's initial contact with Avalon Village community: My name is Samantha Horgen and I work for Salt River Project (SRP). I left you a message today, but wanted to also reach out to you to see if you received our postcard or email announcing the South Mountain Transmission Project. I attached the postcard tot his email. We have Open Houses scheduled to learn about the project, for SRP to gain valuable feedback on route options from the community, and as an opportunity to answer questions. I've noted the Open Houses below. If at any time, your HOA is interested in SRP presenting to your Board, we would be happy to do so. Currently, a proposed alignment is nearby your HOA. For more information or to provide us feedback, please visit our project website srp.net/SMT. You can provide us comments or questions in writing or by calling us at 1-855-584-1484. SRP notified both customers and landowners in the area, but feel free to forward this on to your community if you would like to. Live Virtual Open House: Thursday, May 30, 2024 | Noon and 5:30 p.m. In-Person Open House Meeting: Thursday, June 6, 2024 | 4:30–6:30 p.m. Betty H. Fairfax High School 8225 S. 59th Ave., Laveen, AZ 85339 Happy to talk with you more about this project at your earliest convenience.

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
5/28/2024	Villages at Laveen Ranch HOA	Phone call outgoing	Project update/OH invite		Left message about SMT Open House coming up, offered SRP meeting if interested, community is adjacent to proposed route line. Emailed postcard, website and sign up link
5/28/2024	Yuri Lombardi	Email outgoing	Early Outreach		SRP (S. Horgen) emailed Associated Asset Property Management to invite the community manager to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the Villages at Laveen Ranch HOA if requested. She let the community manager know there is a proposed alignment route option that is nearby your HOA, closer to Laveen Ranch than Amber Ridge Heights.
5/29/2024	Amber Sharp	Email Outgoing	Early Outreach		SRP (S. Horgen) emailed Cheatham Farms/Casitas at Cheatham HOA (Amber Sharp with Planned Development Services) to invite her to the virtual open house (provided call in information) on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the HOA if requested. Add Amber to email project list.
5/29/2024	Amber Sharp	Phone call outgoing	Follow-up with Project Info	Cheatham Farms & Casitas at Chatham	S.Horgen reached out to Shannon who manages another community, but asked me to email her the info and she would pass along to Amber. Provided project info, website and sign-up for Open Houses.
5/29/2024	Gisele Norberg	Email outgoing	Early Outreach		SRP (S. Horgen) emailed Gisele & Phyliss (Integrity First Property Management) the Silverado Ranch HOA community managers to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the HOA if requested. She let the both know that one proposed line is nearby the Laveen Elementary School, so wanted to make sure they knew of the opportunities to learn about the project.
5/29/2024	Jeff Heredia	Email outgoing	Early Outreach		SRP (S. Horgen) emailed Betty Fairfax High School staff to invite Principal Heredia & staff to the virtual open house (provided call in information) on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the school if requested. Emailed to: Jef Heredia (principal) heredia@phoenixunion.org Karina Hidalgo (Facilities Rental Specialist) khidalgo@phoenixunion.org; Ashely Roman (Principal Secretary) aroman2@phoenixunion.org
5/29/2024	Melissa Morgan	Email outgoing	Early Outreach		SRP (S. Horgen) emailed (contact@spectrumam.com) the property management company Spectrumam asking for contact information for the community manager for Paseo Point Community to share the open house meetings with her.
5/29/2024	Phyllis Strobel	Email outgoing	Early Outreach		SRP (S. Horgen) emailed Gisele & Phyllis (Integrity First Property Management) the Silverado Ranch HOA community managers to the virtual open house on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the HOA if requested. She let the both know that one proposed line is nearby the Laveen Elementary School, so wanted to make sure they knew of the opportunities to learn about the project.
5/29/2024	Reid Butler	Meeting	Route Preference	Meeting with Reid Butler to discuss the Lines' parcels.	Customer meeting to discuss the Lines' parcels. Shared development plans, including locations of planned billboards. Expressed some support for W-E (between 63rd and the 202) on S side of South Mountain Ave, because of 6.1 acres with no planned use. We articulated various opportunities to limit impacts. SRP Attendees: Chris Janick & Rick Hernandez Non-SRP Attendee: Reid Butler
5/29/2024	Robert Caplinger	Email outgoing	Early Outreach		SRP (S. Horgen) called & followed up with an email to invite Principal Caplinger to the virtual open house (provided call-in information) on 5/30/24 and in-person open house on 6/6. Sam also offered to present to the school if requested. She let the principal know that one proposed line is nearby the Laveen Elementary School, so wanted to make sure you knew of the opportunities to learn about the project.
5/29/2024	Senator Catherine Miranda	Briefing	Early Outreach	SRP (Fareed Bailey) briefed via phone call State Senator Catherine Miranda, Arizona State Senate (LD 11 – South Phoenix, Laveen) on 5/29/24	Outcome: • No concerns as of yet. Appreciated the heads up. • Had basic questions regarding what a substation would look like relative to location (seemed to think location is ideal for project). • Indicated general support given economic development impact to area. • Said if questions arise from constituents, will reach out. • May attend Virtual Open House tomorrow.
5/29/2024	Wes Lines	Meeting	Route Preference	Meeting with Reid Butler to discuss the Lines' parcels.	Customer meeting to discuss the Lines' parcels. Shared development plans, including locations of planned billboards. Expressed some support for W-E (between 63rd and the 202) on S side of South Mountain Ave, because of 6.1 acres with no planned use. We articulated various opportunities to limit impacts. SRP Attendees: Chris Janick & Rick Hernandez Non-SRP Attendee: Reid Butler
5/30/2024	Glen Ramon	Phonecal Incoming	Open House Sign up		Caller left voicemail that she wanted to register for the June 6th OH. KPE called her back and will sign her up. Both her and her cousin signed up for 6/6.

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5/30/2024	Reylynna Chris	Open House			Attended virtual open house
5/30/2024	Brad Anderson	Email Incoming	Land	B. Anderson had questions about the 5 proposed routes. He states that he believes that 4 of the 5 options will likely impact his property so would like to discuss easement requirement & other options with SRP. Has concerns over project negativatly affecting his property. Requested a follow-up meeting with SRP. B. Anderson shared his site plan.	SRP (N. Mullins) will call Brad Anderson. No response, so Rick will follow up.
5/31/2024	Reid Butler	Email outgoing	Response to concerns		Email from Michael O'Conner to Reid Very long, pulled topics: *SRP is continuing to solicit and review information from interested parties *Appreciate his concerns expressed regarding development planned. Will continue to work with him as we would with all impacted parties as the project moves along *Ultimately SRP will express its preference, but ultimately ACC will make final decision on route. *In good faith, we will make reasonable efforts to alter the proposed routes that go through his parcel to move north or south but are not prepared to eliminate those routes now as more time and consideration by the project team is needed. *SRP is evaluating the use of ADOT use to minimize impact *SRP will discuss options and solutions in relation to the three-billboard site mentioned.
5/31/2024	Ethel Davis	Web Site Comment		NO COMMENT NOTED	No comment included in comment form.
5/31/2024	Vicki Bever	Web Site Comment		Why was this siting information not circulated via postal services. It seems like your proposed impacts should be provide to everyone. I found this on your website when looking for something else.	S.Horgen responded that we mailed project announcement via email and by mail. We are limited on information that can be placed on postcard. We will continue to update the website as we progess and asked her to visit at her convenience. Asked her if she had any questions I may assist her?
6/3/2024	Melvin Tasker	Phone call outgoing	Public outreach for Project Info		Victoria and Sam Horgen have left messages for this customer on different days. No response back.
6/4/2024	Jeff Heredia	Call Incoming	Thank you	Principal Heredia called and asked if an administrator needed to be at the school? He can't be there that night. He is sooo appreciative of the email and phone call and in general communication about the project. He said he would let me know if he needs a meeting.	S.Horgen talked with Principal Heredia and walked through open house and that offered again a meeting beyond the open house with him and district if he is interested. Informed him that communication was sent to customer and landowners in the area, so they will hopefully call me, but if he receives call he can forward them to me. We just want to make sure if he has any questions, we are here for him. No meeting necessary at this time.
6/5/2024	Mark Etherton	Web Site Comment			
6/5/2024	Mark Etherton	Web Site Comment			
6/6/2024	Brad Anderson	Email Outgoing	Project info/OH invite		Sent phase 1 postcard via email and he would like to attend 6/6/24 open house.
6/6/2024	Clyde Smith	Community Event	Open House		Sam spoke with Clyde Smith and his wife at the Phase 1 Open House. He owns many properties in the area. Supports project.
6/6/2024	Melvin Tasker	Site Visit	Postcard dropped to home		S. Horgena C. Hallows hand-delivered postcard to invite to open house and business card for a direct contact to Sam.
6/6/2024	William Holt	Phone call outgoing	Project info/meeting		Called but not working number
6/7/2024	Gila River Indian Community	Meeting	Transmission along 202		Rick Hernandez (SRP), Benjamin Cox (SRP), Kyle Feldpausch (SRP), Margaret Moore (SRP), Raul Amavisca (ADOT), Peggy FehLman (ADOT), Todd Johnson (ADOT), Jody Murphy (ADOT), Courtney Mowrer (ADOT), Raymundo Baca (ADOT), Julie Gadsby (ADOT) Discussed options to construct transmission lines along the 202 freeway. ADOT asked for options to be presetned in wring for their consideration. ADOT recommended that we reach out to J2 Design company to discuss retention basin needs.
6/7/2024	Patricia Lutsch	Call Incoming	Open House	Ms. Lutsch called residential customer service line who connected with S.Horgen. Asked for call back, but customer service also provided my email and phone number.	S.Horgen returned call but went to voicemail. Left message.
6/7/2024	ADOT	Meeting	Transmission in ROW	ADOT asked for options to be presented in writing for their consideration. ADOT recommended SRP reach out to J2 Design compay to discuss retention basin needs.	Attendees: Rick Hernandez, Benjamin Cox, Kyle Feldpausch, Margaret Moore, Raul Amavisca (ADOT), Todd Johnson (ADOT), Jody Murphy (ADOT, Courtney Mowrer (ADOT), Raymundo Baca (ADOT), Julie Gadsby (ADOT). Discussed options to construct transmission lines along 202 freeway.

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6/9/2024	Lee Franecki	Web Site Comment		Please keep me informed of any news or upcoming meetings regarding this project. Thank you.	Good afternoon Mr. Franecki, SRP will be mailing out a postcard in August for open houses coming in September. We have been notifying customers and landowners in the surrounding area by mail, email and via social media. I will add the email you provided to our list, but if you live nearby, you should receive the postcard as well. We will also post the upcoming meetings to the project website srp.net/smt. I hope this helps. Please let me know if I can assist you with anything else.
6/10/2024	Linda Abegg	Meeting	Review Project and Routes	Concerns with Dobbins route, historical and want it preserved. Walking path may be affected, and concerns with the maintenance of the channel.	Rick Hernandez, Sam Horgen, Bryce Priest, Chris Janick and Diego Espinoza attended the Laveen Village Planning Committee meeting. Reviewed project, reviewed the need for two new 230 kV lines in this area.
6/10/2024	Mithun Mallick	Email Incoming	Construction/Schedule	On 6/10/24, Mr. Mallick contacted SRP with the following questions: 1. What stage of planning is this project in? 2. What approvals do SRP need before this substation is included in the planning models and we will have info on available transfer capacity? 3. Will the New Laveen substation be usable for Interconnection of project? 4. What can we expect tentatively the In-service date to be?	On 6/19, SRP (S. Horgen) responded to customer after researching answers. Answers: 1. Initiation stage 2. No additional approvals are required for the inclusion of the substation into planning models. The New Laveen substation (Mixon) will be included in planning models which show the need for its inclusion and at the reliability or load driven need levels. 3. SRP's will accept interconnection applications at any of its owned and operated substations. However, the suitability of the substation to accommodate project interconnections will be determined during system impact studies. 4. April of 2027
6/10/2024	Laveen Village Planning Committee	Meeting	Project Update	Linda Abegg (Chair)- blend substation, talk to Banner, Dobbin's route least desirable, want to make sure planned development they worked for can move forward. Other comments, no supportive of 63rd alignment due to school, support Green and pink, does not support Chanel route. Dobbins is scenic route, blue supported. Support 202 routes Public Rep- Phil Patel asked if new poles or existing. SRP states new poles. Dobbins is scenic route. Asked about existing voltage on Baseline. 4 public attendees	SRP attended VPC Committee Meeting: SRP Attendees: Rick Hernandez Sam Horgen Bryce Priest Chris Janick Diego Espinoza Rick provided overview of project and need for two transmission lines. Reviewed proposed route options. Janick stressed that we are exploring other routes so may change in phase 2, some removed, some added based on public feedback.
6/10/2024	Awhatukee Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Apache Junction Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Arizona Chamber of Commerce & Industry	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Arizona Hispanic Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Buckeye Valley Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Coolidge Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	East Valley Hispanic Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Eloy Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Florence Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Fountain Hills Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Gilbert Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Glendale Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Greater Phoenix Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Maricopa Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	

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6/10/2024	Mesa Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Peoria Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Tempe Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Arizona Lodging and Tourism Association	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Queen Creek Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Scottsdale Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	Southwest Valley Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	American Indian Chamber of Arizona	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/10/2024	South Mountain and Laveen Chamber	Meeting Updates	Shared Project info	Provided general announcements of project (press release etc)	
6/11/2024	Kevin Sturgeon	Email Outgoing	Meeting request	Hi Samantha, Thank you for the information. We would like to set up a meeting next week with our client, included on this email. Does your team have availability to meet virtually any day Tuesday through Thursday past 3:30 CT?	S. Horgen emailed: Good afternoon, Brett, Thanks for calling SRP back regarding the Matrix at Dobbins property. SRP is reaching out to key stakeholders in the area that are adjacent to a proposed transmission line. SRP is proposing new power infrastructure to support planned and future growth and development in Laveen. The project requires a new 500/230/69- kilovolt (kV) substation in Laveen, two sets of approximately 4 or 5 miles of new overhead double circuit 230 kV transmission lines, and a half-mile of two new overhead 500 kV transmission lines. SRP mailed a postcard to customers and landowners in the area May 20th (attached) to invite the public to open houses to learn about the project and provide feedback. We can take feedback anytime, so there is no need to attend an open house if you have a comment on the project. We will have another set of open houses coming in the fall. We will mail postcards, send emails, and use social media to invite the public to those Fall open houses. SRP would also like to offer a meeting to the Matrix at Dobbins landowner if he/she is open to it or has questions or concerns about the project. Our project website will be regularly updated, so please visit the site for more information at your convenience, srp.net/smt. Feedback/Comments can be submitted on this website. The map on the postcard are the proposed routes to date. We anticipate that these routes may be modified because of feedback as we move forward.
					6/11/24 S.Horgen spoke with Brett. Shared postcard and project website to share with landowner. Offered meeting with him and with landowner. Area they are planning on focusing on his parcel 300-02-059G Emailed Brett: Thanks for calling SRP back regarding the Matrix at Dobbins property. SRP is reaching out to key stakeholders in the area that are adjacent to a proposed transmission line. SRP is proposing new power infrastructure to support planned and future growth and development in Laveen. The project requires a new 500/230/69- kilovolt (kV) substation in Laveen, two sets of approximately 4 or 5 miles of new overhead double circuit 230 kV transmission lines, and a half-mile of two new overhead 500 kV transmission lines. SRP mailed a postcard to customers and landowners in the area May 20th (attached) to invite the public to open houses to learn about the project and provide feedback. We can take feedback anytime, so there is no need to attend an open house if you have a comment on the project. We will have another set of open houses coming in the fall. We will mail postcards, send emails, and use social media to invite the public to those Fall open houses.

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6/11/2024	Brett Hightower	Phone call incoming/Email	Upcoming project events	Engineer for the parcel of land called “Matrix at Dobbins” He called asking if we could send him any information related to the project. They are working on plans to develop the site, and he would like to be included on any future emails or events. Brett email shows atwell-group	the fall. We will mail postcards, send emails, and use social media to invite the public to those Fall open houses. SRP would also like to offer to meet with the Matrix at Dobbins landowner if he/she is open to it or has question/concerns about the project. Our project website will be regularly updated, so please visit the site for more information at your convenience, srp.net/smt. Feedback/Comments can be submitted on this website. The map on the postcard are the proposed routes to date. We anticipate that these routes may be modified because of feedback as we move forward.
6/13/2024	Brad Anderson	Email outgoing	SRP outreach for project update		Nina from land received no response back from her outbound call to Mr. Anderson, so Rick followed up with the following email: Good morning, Mr. Anderson, My name is Rick Hernandez, and I am the project manager overseeing the SRP South Mountain Transmission project in Laveen. I understand that you had a few questions or comments regarding the project and the potential impact it may have to a project you are working on in the area. Are you able to email me those questions and concerns or would you prefer a meeting to discuss them in detail?
6/17/2024	Sarah Mcnally	Email Incoming	Meeting Confirmation		Verified Mr. Barkenbush's attendance to meeting on 6/20 even though he was forwarded another meeting notice.
6/19/2024	Brett Hightower	Meeting	Project Update	Developers attended: Brett Hightower, Kevin Sturgeon, Tony Launer, Peter Schroeder. Ramzi George-unable to attend Represent Matrix at Dobbins, south of Dobbins, just east of the 202 freeway. Questions/Concerns: Brett Hightower- route options, is there a route that is solid or most feasible? SRP thinks it makes sense to stay closer to the 202. ADOT also was mentioned that we are looking to locate a line or two on the east side collocating in the ADOT ROW. That is not approved yet. Property is located on orange route Dobbins Road. Would that line be on the north side or south side. SEC Master Community planned on 59th and Dobbins, more accurately located on 57th Avenue and Dobbins-grey parcel. Property has been rezoned; master plan preliminary approved. IS WAPA involved? Kevin Sturgeon- another site located west of 202. Site plan process trying to get approved. Do you know what the process is with ADOT drawings you are sending; can our team look at it to determine impact on their site plan. Multi-family south of conveyance channel.	SRP attendees: Sam Horgen, Rick Hernandez and Kenda Pollio from KPE. Rick provided a review of the project description with new substation, two separate sets of new overhead double circuit 230 kV transmission lines .5 miles of two sets of single circuit overhead 500 kV lines. The regulatory process was reviewed. SRP- North side of Dobbins is better for SRP back of sidewalk. Risk is road could be widened. WAPA involvement would only be on the 40th avenue alignment.
6/19/2024	Kevin Sturgeon	Meeting	Project Update	Represent Matrix at Dobbins, south of Dobbins, just east of the 202 freeway. Questions/Concerns: Brett Hightower- route options, is there a route that is solid or most feasible? SRP thinks it makes sense to stay closer to the 202. ADOT also was mentioned that we are looking to locate a line or two on the east side collocating in the ADOT ROW. That is not approved yet. Property is located on orange route Dobbins Road. Would that line be on the north side or south side. SEC Master Community planned on 59th and Dobbins, more accurately located on 57th Avenue and Dobbins-grey parcel. Property has been rezoned; master plan preliminary approved. IS WAPA involved? Kevin Sturgeon- another site located west of 202. Site plan process trying to get approved. Do you know what the process is with ADOT drawings you are sending; can our team look at it to determine impact on their site plan. Multi-family south of conveyance channel.	Developers attended: Brett Hightower, Kevin Sturgeon, Tony Launer, Peter Schroeder. Ramzi George-unable to attend SRP attendees: Sam Horgen, Rick Hernandez and Kenda Pollio from KPE. Rick provided a review of the project description with new substation, two separate sets of new overhead double circuit 230 kV transmission lines .5 miles of two sets of single circuit overhead 500 kV lines. The regulatory process was reviewed. SRP- North side of Dobbins is better for SRP back of sidewalk. Risk is road could be widened. WAPA involvement would only be on the 40th avenue alignment.

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6/19/2024	Peter Schroeder	Meeting	Project Update	Represent Matrix at Dobbins, south of Dobbins, just east of the 202 freeway. Questions/Concerns: Brett Hightower- route options, is there a route that is solid or most feasible? SRP thinks it makes sense to stay closer to the 202. ADOT also was mentioned that we are looking to locate a line or two on the east side collocating in the ADOT ROW. That is not approved yet. Property is located on orange route Dobbins Road. Would that line be on the north side or south side. SEC Master Community planned on 59th and Dobbins, more accurately located on 57th Avenue and Dobbins-grey parcel. Property has been rezoned; master plan preliminary approved. IS WAPA involved? Kevin Sturgeon- another site located west of 202. Site plan process trying to get approved. Do you know what the process is with ADOT drawings you are sending; can our team look at it to determine impact on their site plan. Multi-family south of conveyance channel.	Developers attended: Brett Hightower, Kevin Sturgeon, Tony Launer, Peter Schroeder. Ramzi George-unable to attend SRP attendees: Sam Horgen, Rick Hernandez and Kenda Pollio from KPE. Rick provided a review of the project description with new substation, two separate sets of new overhead double circuit 230 kV transmission lines .5 miles of two sets of single circuit overhead 500 kV lines. The regulatory process was reviewed. SRP- North side of Dobbins is better for SRP back of sidewalk. Risk is road could be widened. WAPA involvement would only be on the 40th avenue alignment.
6/19/2024	Brad Anderson	Meeting	Project update/route review	Kitchell Developer owns Banner parcel, Elementary School, excludes two acres of private property that is owned by homeowner. Owns part of Banner parcel and future school parcel. Plans to sell to Laveen Elementary School. Owns north of Channel and south of channel, two parcels to the south. Brad Anderson attended an open house meeting. Brads question- 5 options, we have to choose 2? Is it an option to have double wide with two routes on it, is that an option? Yes, we have explored Can you utilize ADOT? Concerned he might have 200-foot width on his property on west and east side of his property. Timing: preferred route by end of the year? Preferred routes by August and in front of the line siting committee by September. When do you acquire the easements, after approval of property. How does that work if we have site plans. Are there options we can do things in easements? 63rd Avenue route, did you get push back. SRP response is yes. We are looking at that route if there are any options to modify. Prefers SRP use South Mountain Avenue from 63rd since that is the end of his property. Troy-height? 125-160 in height. Structure varies depending on where they are is stalled on the project. How can we stay involved and influence decision. Sending in an email with our feedback, We will also add you email to our list and continue to mail postcard and our website will also be updated regularly. Understand good for the overall community. Impacts can be pretty significant on how this plays out.	Developer attendees: Troy Freeman, Kevin Miller, Brad Anderson SRP Attendees; Rick Hernandez, Sam Horgen and Kenda Pollio from KPE. Yes, we need two sets of lines, so out of the 5, we need 2 Yes, we have explored having parallel lines if they fit on some of the alignments. Yes, we are considering ADOT and submitting drawings to see if they would allow us to be there with one alignment or two. Having lines on west and east is worst case scenario, but we are exploring other options as a result of public feedback.

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				Kitchell Developer who owns for Banner, Elementary School, excludes two acres of private property that is owned by homeowner. Owns north of Channel and south of channel, two parcels to the south. Brad Anderson attended an open house meeting. Brads question- 5 options, we have to choose 2? Is it an option to have double wide with two routes on it, is that an option? Yes, we have explored Can you utilize ADOT? Concerned he might have 200-foot width on his property on west and east side of his property. Timing: preferred route by end of the year? Preferred routes by August and in front of the line siting committee by September. When do you acquire the easements, after approval of property. How does that work if we have site plans. Are there options we can do things in easements?	Developer attendees: Troy Freeman, Kevin Miller, Brad Anderson

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6/19/2024	Kevin Miller	Meeting	Project update/route review	~~Are there options we can do things in easements?~~ 63rd Avenue route, did you get push back. SRP response is yes. We are looking at that route if there are any options to modify. Prefers SRP use South Mountain Avenue from 63rd since that is the end of his property. Troy-height? 125-160 in height. Structure varies depending on where they are is stalled on the project. How can we stay involved and influence decision. Sending in an email with our feedback, We will also add you email to our list and continue to mail postcard and our website will also be updated regularly. Understand good for the overall community. Impacts can be pretty significant on how this plays out.	SRP Attendees; Rick Hernandez, Sam Horgen and Kenda Pollio from KPE. Yes, we need two sets of lines, so out of the 5, we need 2 Yes, we have explored having parallel lines if they fit on some of the alignments. Yes, we are considering ADOT and submitting drawings to see if they would allow us to be there with one alignment or two. Having lines on west and east is worst case scenario, but we are exploring other options as a result of public feedback.
6/20/2024	Mark Barkenbush	Meeting	Project Meeting Update	Banner Ocotillo, 4 story towers 1or 2 buildings, no parking structures will email out a site plan Plan was send to City 150 beds 400-million-dollar investment Dislike yellow and other routes that squeeze 202. Timing- undetermined, monitoring the growth and demand Can't remember if there was a setback Most of medical imaging require setbacks due to EMFs for MRI and functioning. What can be used in easement? Property mimics Banner Estrella on Thomas Road, 9109 Thomas Rd, Phx. Helicopter pad in southwest part of property. No concerns with pad for hospital, they can move it. Understand the need for the transmission infrastructure in growing area, but hope to limit impact to planned developments	SRP Attendees: Rick Hernandez Sam Horgen Chelsea Clark (SEM), Grace Klawitter Bryce Priest Kenda Pollio (KPE) Banner Attendees: Mark Barkenbush, VP of Facilities Brandon Conway, SR Manager for Banner Health Troy Freeman, VP Real-estate Aaron Zeligman, Facilities Services, covers west valley Any site plans that you are able to share with us. SRP is working with ADOT to see if one alignment can be placed int he ROW, no guarantees SRP is presenting to ADOT tomorrow 6/21/24 Was there a setback on the east side of your property? Is there an opportunity to revise site plan? Mark Barkenbush and Troy Freeman, this is the smallest site plan so there isn't a lot of change that can be done. Lots of constraints. Distance from 202, pitches northeast side, but variable change and demand modeling might change. We are open to all options; we know this is an important project 600 feet to 700 feet spacing between poles. Have not filed with FAA yet, north south approach. SRP will continue to work with ADO to look for opportunities to place on or both transmission lines with ADOT right of way.
				Banner Ocotillo, 4 story towers 1or 2 buildings, no parking structures will email out a site plan Plan was send to City 150 beds 400-million-dollar investment Dislike yellow and other routes that squeeze 202. Timing- undetermined, monitoring the growth and demand Can't remember if there was a setback Most of medical imaging require setbacks due to EMFs for MRI and functioning. What can be used in easement?	SRP Attendees: Rick Hernandez Sam Horgen Chelsea Clark (SEM), Grace Klawitter Bryce Priest Kenda Pollio (KPE) Banner Attendees: Mark Barkenbush, VP of Facilities Brandon Conway, SR Manager for Banner Health Troy Freeman, VP Real-estate Aaron Zeligman, Facilities Services, covers west valley Any site plans that you are able to share with us. SRP is working with ADOT to see if one alignment can be placed int he ROW, no guarantees SRP is presenting to ADOT tomorrow 6/21/24 Was there a setback on the east side of your property? Is there an opportunity to revise site plan? Mark Barkenbush and Troy Freeman, this is the smallest site plan so there isn't a lot of change that can be done. Lots of constraints. Distance from 202, pitches northeast side, but variable change and demand modeling might change. We are open to all options; we know this is an important

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6/20/2024	Troy Freeman	Meeting	Project Meeting Update	Property mimics Banner Estrella on Thomas Road, 9109 Thomas Rd, Phx. Helicopter pad in southwest part of property. No concerns with pad for hospital, they can move it. Understand the need for the transmission infrastructure in growing area, but hope to limit impact to planned developments	project 600 feet to 700 feet spacing between poles. Have not filed with FAA yet, north south approach. SRP will continue to work with ADO to look for opportunities to place on or both transmission lines with ADOT right of way.
6/21/2024	Matt Nahlik	Meeting	Project Update	In charge of the P&Z/entitlements and owner of billboard that is carved of the master parcel. North of Baseline, west of the 202. 6288 W. Baseline Road. Ash Point Development Multifamily Residential Development Attendees: Matt Nahlik- civil side of project Zachary Pebler- representing the owner of property on zoning and entitlements Zachary was aware of the project. Ash Point Townhomes project timeline is immediately. Everything they have planned is adjacent to ADOT ROW. Completion of project asap, grading permit in 4 months. Owner may be willing to sell parcel. Tony Singh conversation through Zachary Pebler. Zoning is Z2. Location of lines is a concern. Set back west of 202 is 10 feet. Site plans submitted to County and from ADOT, coordinating with COP on utilities. SR30 proposed by COP Billboard would be converted to digital in the future.	SRP Attendees: Rick Hernandez Sam Horgen Reviewed reviewed project scope in detail. Need two routes total was emphasized. Reviewed structures. CEC process, easement requirements. Reviewed opportunities for public feedback. SRP is talking with ADOT about locating in ROW. Not confirmed yet. May not know for 2 weeks if feasible.
6/21/2024	Zack Pebler	Meeting	Project Update	In charge of the P&Z/entitlements and owner of billboard that is carved of the master parcel. North of Baseline, west of the 202. 6288 W. Baseline Road. Ash Point Development Multifamily Residential Development Attendees: Matt Nahlik- civil side of project Zachary Pebler- representing the owner of property on zoning and entitlements Zachary was aware of the project. Ash Point Townhomes project timeline is immediately. Everything they have planned is adjacent to ADOT ROW. Completion of project asap, grading permit in 4 months. Owner may be willing to sell parcel. Tony Singh is owner, conversation through Zachary Pebler. Location of lines is a concern. Set back west of 202 is 10 feet. Site plans submitted to County and from ADOT, coordinating with COP on utilities. SR30 proposed by COP Billboard would be converted to digital in the futur	SRP Attendees: Rick Hernandez Sam Horgen Reviewed project scope in detail. Need two routes total was emphasized. Reviewed structures. CEC process, easement requirements. Reviewed opportunities for public feedback. SRP is talking with ADOT about locating in ROW. Not confirmed yet. May not know for 2 weeks if feasible.

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6/25/2024	City of Phoenix Staff - City Management Department	Meeting	Project Update	COP Attendees: Christine Mackay Joe Diaz Inger Erickson Nazar Nabaty Joseph Brown Nayeli Sanchez Sarah Stockham Nathan Wright Jose Durate Concerns with conveyance channel, walking path and improvements on channel. Suggest SRP meet with Maricopa County Flood Control. Yes, theatre is still planned, but they are delayed. COP will share site plans with SRP.	SRP Attendees: Rick Hernandez Diego Espinoza Karla Moran Sam Horgen Rick provided overview of open houses and feedback. Reviewed existing routes. He reviewed the open house summary of attendees and their input on the project. SRP to share confidential two new route maps for review by COP. Will reach out to Marciopa Flood District to hear any concerns Pole would be 600 feet apart. Poles without impacting the future impact plans for the channel. FHWA approval needed? Rick will verify. Is Harkins Theatre still developing south of Channel?

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6/27/2024	Reid Butler	Meeting	Route Preference	Preferences related to 63rd Ave alignment and conveyance channel	Meeting to continue discussing route preference. It appeared Reid Butler & Steve Williams had forgotten or did not realize we are siting two pole lines and will need two line routes. Requested our support with CoP in reducing the planned width of 63rd Ave. Contrary to prior meeting, suggested going further north along 63rd Ave, adjacent to homes, and utilizing more of the conveyance channel. Also suggested taking the second line along the 500 corridor to the NW, and coming back E through the neighborhood and with a much longer stretch of the conveyance channel. SRP Attendees: Chris Janick & Rick Hernandez
6/27/2024	Stephen Williams	Meeting	Route Preference	Preferences related to 63rd Ave alignment and conveyance channel	Meeting with Reid Butler and Steve Williams at PAB on preferences related to 63rd Ave alignment and conveyance channel. It appeared they had forgotten or did not realize we are siting two pole lines and will need two line routes. Requested our support with CoP in reducing the planned width of 63rd Ave. Contrary to prior meeting, suggested going further north along 63rd Ave, adjacent to homes, and utilizing more of the conveyance channel. Also suggested taking the second line along the 500 corridor to the NW, and coming back E through the neighborhood and with a much longer stretch of the conveyance channel.
6/28/2024	Kevin Sturgeon	Email Incoming	Project information	Hi Rick, Happy Friday. Wanted to follow up and see if you got approval to send the PowerPoint and preliminary drawings for us to look at.	Good afternoon, Kevin, I apologize for the delayed response. After discussing with our Legal Dept. the possibility of sharing the Power Point presentation with an outside party, we feel it is best to wait until all the minor line route adjustments have been finalized. This of course is dependent on ADOT's approval or denial of our planned line route(s) within their right of way. I am hoping to hear back from ADOT by next week. We will keep you posted.
7/2/2024	Brett Hightower	Email Incoming	59th & Dobbins/PowerPoint	Email from Kevin Sturgeon to SRP Hi Rick, Happy Friday. Wanted to follow up and see if you got approval to send the PowerPoint and preliminary drawings for us to look at. Thanks, Kevin Kevin Sturgeon Developer	Good afternoon, Kevin, I apologize for the delayed response. After discussing with our Legal Dept. the possibility of sharing the Power Point presentation with an outside party, we feel it is best to wait until all the minor line route adjustments have been finalized. This of course is dependent on ADOT's approval or denial of our planned line route(s) within their right of way. I am hoping to hear back from ADOT by next week. We will keep you posted.
7/2/2024	Peter Schroeder	Email Incoming	59th & Dobbins/PowerPoint	Email from Kevin Sturgeon to SRP Hi Rick, Happy Friday. Wanted to follow up and see if you got approval to send the PowerPoint and preliminary drawings for us to look at. Thanks, Kevin Kevin Sturgeon Developer	Good afternoon, Kevin, I apologize for the delayed response. After discussing with our Legal Dept. the possibility of sharing the Power Point presentation with an outside party, we feel it is best to wait until all the minor line route adjustments have been finalized. This of course is dependent on ADOT's approval or denial of our planned line route(s) within their right of way. I am hoping to hear back from ADOT by next week. We will keep you posted.
7/8/2024	ADOT	Meeting	Line Route Identification process	Provided general announcements of project (press release etc)	Attendees: Rick Hernandez and Raul Amavisca (ADOT) Discussed status of line route identification process and the potential need to be included in ADOT's 7/10 review of SRP's formal ask to share ROW along 202 freeeway.
7/10/2024	Noah Burns	Phonecall outgoing	Follow-up on project info	7/11/24 Received call back from another prop manager saying he is out of the office. She will let him know that I called and offer meeting to HOA.	S. Horgen left message. Called to see if community has any questions or concerns.

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7/10/2024	Shawn Nurse-Avalon Village	Phone call outgoing	Follow-up call		S. Horgen talked to Shawn, told him a route was nearby their community, asked if he would like a presentation by SRP, he said just to continue sending emails and he will share with community. Let him know more open houses will occur in September.
7/11/2024	Shannon Plessel	Phonecall outgoing	Follow-up/Offered Meeting		S. Horgen left message, offered meeting with SRP, also wanted to verify she was receiving emails.
7/16/2024	Dan Penton	Web Site Comment	Concerns with routes	I recently learned of SRP's acquisition of an additional 15+ acre parcel (APN: 300-02-041A) from a later sale in May 2024 recorded in Deed # 20240281579. Why was this additional acreage not disclosed to the public during the community open house held in June? And what are SRP's plans for this additional parcel as it is seperated from the larger 93 acres purchased in April? If my numbers are correct, the additional parcel brings the total acreage to 112.5 acres totaling 4,900,533 square feet of land. Thats A LOT of land for an area that is seeking to build a "Tech Corridor". Don't you feel that the acquisition of such a large amount of land hinders the City of Phoenix from effectively marketing the area to potential high wage technology employers? I also find it extremely curious that the new transmission lines SRP is proposing directly abuts the properties of two sitting members of SRP's Board and Council: John (Wes) Lines and Stephen Williams. Both families own properties on both sides of Loop 202 and abut all routes proposed. This raises some serious concerns over Conflicts of Interest and the optics of potential self-dealing or using one's position in a way to gain project approval and/or expedite the process, especially if there is any opposition. And I am opposed to the proposed routes as the required right of way for the lines significantly impairs already approved development plans withing the Laveen Village Core. This could also potentially impact the proposed Banner Medical Center at SWC of Loop 202 & Baseline, Residential Development south of that, and the Crossing at Dobbins PUD which is owned by the Lines Family (by and through their related entities and trusts). The Williams property is immediately adjacent. Moreover, there is a planned elementary school between 63rd Ave and the Freeway, if both the high-power transmission lines and the school are built, the long-term health of the students and faculty could be adversely impacted.	Thank you for your comments and feedback on the proposed routes. Your comments and this response will be included the application that SRP submits to the Arizona Corporation Commission and provided to the Arizona Power Plant and Transmission Line Siting Committee (Line Siting Committee) for a siting hearing. Below we respond to several of your specific comments and questions. In addition, with respect to your comments about potentially impacted future developments (Banner Medical Center, elementary school, etc.), SRP is actively engaged in discussions with the developers of those projects, as well as other developers and landowners in the area, to discuss the proposed project. For ease of read, I also broke down your questions into numbers. If there is anything missed, please let me know, and I will make sure it is addressed. 1. Why didn't SRP disclose the additional acreage in parcel APN: 300-03-041A to the public during the community open house held in June? During open houses, SRP focuses on the proposed components of the project, which include the new transmission lines and substation. As depicted in the display board/maps shared during the open houses, SRP proposed up to two transmission lines across this parcel. 2. What are SRP's plans for this additional parcel? As indicated in the response to the first question and as shown on the route map, SRP is proposing up to two transmission lines on this parcel. 3. Does the acquisition of such a large amount of land hinder City of Phoenix from effectively marketing the area to potentially high wage technology employers? No, this purchase will not adversely impact the City of Phoenix plans but will provide SRP with the space for needed transmission to support the growth in the area. SRP has been collaborating with the City of Phoenix to bring opportunities for future development into the Laveen area. This property purchase will provide SRP with enough space to construct up to two overhead 230kV lines and potentially up to three overhead 69kV lines. These overhead transmission lines will act as the backbone for the SRP transmission system in the area and will provide adequate power for planned development, including new high-paying job sectors not currently present in the Laveen area. 4. Are there any specific concerns raised by SRP Board and Council members owning land in the area of the project? One of SRP's goals during any siting project is to identify all landowners who own property adjacent to or near the proposed project, understand their planned development, evaluate how our project might impact them, and minimize impact when possible. SRP's outreach process is consistent regardless of the property owner, including when a Board and Council member's property is involved. All feedback from the community is taken into consideration and is presented to the Arizona Line Siting Committee as a part of the CEC application. This approach, which focuses on valuing all feedback equally, mitigates the potential for self-dealing in a siting proceedings. Your comment was also referenced long-term health effects and that is usually referring to the Electric and Magnetic Fields (EMF). SRP has published a website with a great deal of useful information regarding EMFs such as scientific research, sources of EMF, and EMF exposure guidelines. Many of our customers have found answers to their questions about EMF from this website. http://www.srpnet.com/electric/emf.aspx. I hope this is helpful. Thank you for taking the time to reach out to us. Please let me know if you have any additional questions, or if there is anything I may have missed.
7/17/2024	Lance Umble	Email Outgoing	Project Information		Rick Hernandez emailed asking if they have time for a meeting to review the SMT project and its potential impact on their planned development.
7/17/2024	Teale Bloom	Email Outgoing	Project information	Responded that they handle leasing but will forward request to owner of property.	Rick Hernandez emailed asking if they have time for a meeting to review the SMT project and its potential impact on their planned development.
7/17/2024	ADOT	Meeting	Long-Term Transmission Needs		Attendees: Rick Hernandez and Raul Amavisca (ADOT) Discussed SRP's potential long-tern transmission line maintenance needs along the 202 freeway

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7/18/2024	Charlie Martin	Meeting	Project Update	School would be on west side of property. Playfield would be toward freeway, maybe lighting needed. K-8 1,000 students expected Alignment along 63rd would limit some of their options. They want to keep site as flexible as possible. *63rd is the most concerning due to the building locations. Reliant on state funding, so waiting for interest 2029 is the plan but could be sooner if more interest develops. What is the disadvantage from putting in ADOT right of way. Access is the issue; we could limit their truck maintenance and SRP has a risk of relocating if a widening of the freeway occurred.	SRP Attendees: Rick Hernandez Sam Horgen Paul Alvillar (Manager for Large Businesses) Netoya Evans (Large Business Account Manager) Laveen Elementary School Attendees: Charlie Martin (Chief Financial Officer (CFO) Jeff Sprout Rick reviewed scope of project and all components included in the application, in addition the 500 kV interconnect. Sam will add them to running list of stakeholder emails so they will receive progress of project.
7/18/2024	Jeff Sprout	Meeting	Project Update	School would be on west side of property. Playfield would be toward freeway, maybe lighting needed. K-8 1,000 students expected Alignment along 63rd would limit some of their options. They want to keep site as flexible as possible. *63rd is the most concerning due to the building locations. Reliant on state funding, so waiting for interest 2029 is the plan but could be sooner if more interest develops. What is the disadvantage from putting in ADOT right of way. Access is the issue; we could limit their truck maintenance and SRP has a risk of relocating if a widening of the freeway occurred.	SRP Attendees: Rick Hernandez Sam Horgen Paul Alvillar (Manager for Large Businesses) Netoya Evans (Large Business Account Manager) Laveen Elementary School Attendees: Charlie Martin (Chief Financial Officer (CFO) Jeff Sprout Rick reviewed scope of project and all components included in the application, in addition the 500 kV interconnect. Sam will add them to running list of stakeholder emails so they will receive progress of project.
7/22/2024	Shannon Plessel	Email outgoing	Project Info Follow Up	Ms. Plessel responded same day saying she sent an email blast to the community and has not received any questions or concerns.	S.Horgen reached out by phone and via email asking if Cottonfields Ranch had any questions on the SMT project. Offered SRP to come present if there were any questions. Mentioned there are several routes nearby community. Provided website info as a courtesy.
7/23/2024	Judy Parker	Phonecall outgoing	Verification of contact info		Confirmed email and contact. Added to project email list.
7/24/2024	Jon Eckman	Email outgoing	Project review		R. Hernandez emailed Jon Eckman Good afternoon, Jon, Below is a link to the SRP site that details specifics around the project scope, schedule, and next steps. We are now preparing for the second and final phase of the public process and are considering route adjustments based on feedback gathered from stake holders that live, work, or own property in the area. One of the proposed line route adjustments brings our transmission line to the south side of the Laveen Area Conveyance Channel (LACC) between the Loop 202 freeway and 59th Ave. We are working closely with the City of Phoenix and the Maricopa County Flood Control District on this proposed line route. The city is asking us to consider placing our 230kV transmission line at the south boundary of their LACC right of way. This would most likely require us to obtain an easement from Harkins that will allow us to have access to the line. It is our understanding that Harkins may be planning on constructing parking stalls on the north side of the property. Look forward to discussing this with you tomorrow. *Website provided.

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7/24/2024	Brad Anderson	Meeting	Project Update	Attendees from Kitchell: Brad Anderson Kevin Miller Concerned with Banner property and School Property. IN negotiations with them. What does condemnation process look like? Impacts on value of property Is the ADOT option a real option, Rick mentioned, yes , possibly on the west side for only one line. Sold Harkins property, but own to the east, south of channel. Access easement for access is likely acceptable on east side, south of LCC, near 59th Avenue, likely retain development Can west side line be placed underground? Most of the routes are problematic. Stay in ADOT ROW as far east as possible. No on 63rd. Construct school by 2029, but dependent on growth	SRP Attendees: Chris Janick Rick Hernandez Sam Horgen Rick reviewed east of 202 where alignment is proposed on channel, on the south side. Can SRP utilize parking lot to maintenance line?- Kitchell said not sure but may be able to work with that. SRP is an overhead company, but we have placed underground when the incremental cost was covered by another party. Once we know ADOT outcome then we will circle back with you. We can reduce footprint if conductors are facing each other.
7/24/2024	Tom Hanson	Meeting	Project Follow-up	City of Phoenix and Maricopa County Flood Control Attendees: Christopher Kowalsky (With Streets)- North of Dobbins needs to remain 5 lanes, south of Dobbins could potentially be 3 lanes. Roadway master plans have been approved for roadway on 63rd Avenue. Eric Buskirk Eric Yost Joe Diaz Kevin Sonoda Nazar Nabaty Tom Hanson (MCFC)- Pramita Tamrak (MCFC)-not prohibited in slope area, but would prefer avoid slope area. Ryan Hummel (MCFC)- would prefer to avoid putting poles in Channel, but not prohibited, they want to make sure the water remains in the Channel so they would want to see model that verify that. Have a conversation with Jessie for final decision. Further west you go on Channel, west of 202 becomes narrower.	SRP Attendees: Rick Hernandez Chris Janick Benjamin Cox Kyle Feldpausch Sam Horgen Discussed both north and south side proposed locations for transmission line.
7/24/2024	Noah Burns	Email outgoing	Project interest	7/24 Responded: Hi Samantha, There has not been much buzz on the topic. If SRP used route 4, couldn't that be buried underground for the most part?	S.Horgen emailed Mr. Burns Just wanted to reach out by email to you regarding the SMT project in Laveen. I have not seen any feedback on route options from your Estrella Vista/Starlight Homes HOA located on 63rd Avenue and South Mountain Avenue. SRP has completed it's first round of public Open Houses for this project, but we have an opportunity for more engagement and feedback from the public in our next round of Open Houses in September. Have you received any comments on the project from your community? Do you have any questions? There are some proposed routes west of the 202 freeway and there is a proposed route along 63rd Avenue. I mentioned this in a previous email, but SRP is happy to present to your HOA if that would be helpful. Please feel free to reach out anytime if that interests you or your community. For additional project information, please feel free to check our website at srp.net/smt. SRP is still taking public feedback. One way to provide us feedback is to send me an email, call our project line 1-855-584-1484, provide a comment on our website, attend the virtual or in-person open house or speak at the public comment session before the Arizona Line Siting Committee. Please feel free to reach out anytime.

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7/25/2024	Jon Eckman	Email Outgoing	Follow-up Email		Jon, Thanks again for taking the time to meet with us today to discuss our planned transmission line project. Below is a screenshot (KMZ file attached) of the preliminary pole placements along the south side of the City of Phoenix Laveen Area Conveyance Channel. I also attached the minimum clearance table below that depicts the required clearances from our various voltage power lines to fixed objects. You will notice the highlighted area below is specific to the planned 230kV voltage on this project. The H0 dimension describes the minimum horizontal clearance required from the conductor at a resting position. The H9 dimension describes the minimum horizontal clearance required from the conductor at a swinging position. The maximum swing point of the conductor will be at the center of the span (middle point between two poles). The swing of the conductor to the south could extend approx. up to 15'. The V dimension describes the vertical clearance required from the lowest conductor to a building (not applicable in this case). Please let me know if you have any questions as you familiarize yourself with these details.
7/25/2024	Noah Burns	Email outgoing	SRP Response on Underground		Mr. Burns, thank you for your response. When you say route 4, I assume you are referencing the orange route on Dobbins…Please note, as a result of feedback from the public from our first round of open houses, you will notice in our next open house we will be making modifications to routes. Those changes are not final yet, but the orange route we did receive feedback on. SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. We are having upcoming open houses in September. We will be notifying the community next Month of the dates, time and location. Please join us if you are available. I still have you on my email list, so please feel free to forward on to your community as well. Please let me know if you have any other questions or if you hear of any concerns that you need help from us to address.
7/25/2024	Mark Barkenbush	Meeting	SMT Project Routes	Attendees from Banner: Michelle De Blasi Troy Freeman (VP of Real Estate) Aaron Zeligman Mary Schubert Doug Nielsen (Smith Group) Mark Barkenbush Would like to get together to see how we can mitigate the impact of SMT project. Most of the Banner building will be on the west side of the parcel, so SRP is looking to not continue to go along 63rd next to Banner. Reviewed structure location possibilities that could reduce the view of pole structures, but view may be of the line. Why two 230 kV transmission lines? Discussed pole structures and helicopter impact. Helicopter located at southwest side of property. 185 feet tall near the freeway crossing. Appreciated and noted more favorable that SRP reduce all three-side impact to one side, possibly only the east side of the parcel.	SRP attendees: Rick Hernandez Alysha Gilbert Sam Horgen Chris Janick Rick provided a review of project. Two options on west side of 2020. 1. Pole in ADOT ROW, maintain line on the private property. 2. Pole placed on private property, maintain by ADOT ROW Ultimately the Line Siting Committee will decide the recommendation to the ACC, but stakeholder input does help and assists SRP in narrowing down route options. Two 230 kV lines are needed due to the amount of load expected.

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7/25/2024	Troy Freeman	Meeting	SMT Project Routes	Attendees from Banner: Michelle De Blasi Troy Freeman (VP of Real Estate) Aaron Zeligman Mary Schubert Doug Nielsen (Smith Group) Mark Barkenbush Would like to get together to see how we can mitigate the impact of SMT project. Most of the Banner building will be on the west side of the parcel, so SRP is looking to not continue to go along 63rd next to Banner. At a minimum one line would still hug even if ADOT ROW option is an option. Reviewed structure location possibilities that could reduce the view of pole structures, but view may be of the line. Why two 230 kV transmission lines? Discussed pole structures and helicopter impact. Helicopter located at southwestwest side of property. 185 feet tall near the freeway crossing. Appreciated and noted more favorable that SRP proposed to reduce all three-side impact to one side, possibly on the east side of the parcel.	SRP attendees: Rick Hernandez Alysha Gilbert Sam Horgen Chris Janick Rick provided a review of project. Two options on west side of 2020. 1. Pole in ADOT ROW, maintain line on the private property. 2. Pole placed on private property, maintain by ADOT ROW Ultimately the Line Siting Committee will decide the recommendation to the ACC, but stakeholder input does help and assists SRP in narrowing down route options. Two 230 kV lines are needed due to the amount of load expected.
7/25/2024	Jon Eckman	Meeting	Project Update	Attendees: Jon Eckman Purchased before Covid. Not in a position to proceed as quickly as they wanted to. Not a project they plan to tackle for the next 4 years. Needs to work with the City of Phoenix with site plan. It's conceptual. Not concerned with parking. Biggest concern is will that reduce the building width. Concerned with restriction on the north side of their parcel. Rick sent a KMZ file for preliminary pole placement along the south side of the City of Phoenix (COP) conveyance channel. He also attached minimum clearance table that depitcs the required clearnaces from various voltage power lines to fixed objects.	SRP Attendees: Rick Hernandez Sam Horgen Chris Janick Grace Klawitter Rick review the channel option where poles would be located on the south side. SRP is asking option of access easement to maintain access. Very rare and minimal impact. All three poles on COP property but utilize the parking area for maintenance on the poles. There would be an aerial encroachment on the Harkins Property. Discussed poles and possibly locations. Rick will provide a drawing with minimal distance from the building. Minium 50-60 feet of clear space near each pole. Rick will send proposed pole locations, the distance required for pole and where his building could be located with those requirements.
7/26/2024	Jon Eckman	Email Incoming	Conveyance Channel Option	Thank you Rick for your time yesterday and for providing the details below. I will circulate this information internally and will work diligently to provide you and the city a thorough and swift response. Please give me at least two weeks to really get our teams focused on this. We are a lean group and are currently tackling several different design projects such as the one I mentioned with tight deadlines to Landlords. We will need time to review your information against our projected site plans. I can already tell that this approach is going to restrict our flexibility on the north side of our site. We will be in touch. Have a great weekend.	
7/30/2024	Jeff Heredia	Phone call outgoing	Project Update		S. Horgen called to check-in to see if he would be interested in meeting with SRP regarding the proposed route just north of the school. Asked if he had a PTO or football boosters who would be at all interested in this project. We want to make sure we are not catching anyone off guard. Provided Sam Horgen's direct number.
8/1/2024	Reid Butler	Meeting	Project routes and outreach		Chris Janick and Michael O'Connor met with Reid Butler, Wes Lines and Steve Williams to provide a status update on assessments of potential line routes, and our engagement efforts with ADOT, City of Phoenix, and other stakeholders.
8/1/2024	Wes Lines	Meeting	Project routes and outreach		Chris Janick and Michael O'Connor met with Reid Butler, Wes Lines and Steve Williams to provide a status update on assessments of potential line routes, and our engagement efforts with ADOT, City of Phoenix, and other stakeholders.

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8/1/2024	Stephen Williams	Meeting	Project routes and outreach		Chris Janick and Michael O'Connor met with Reid Butler, Wes Lines and Steve Williams to provide a status update on assessments of potential line routes, and our engagement efforts with ADOT, City of Phoenix, and other stakeholders.
8/1/2024	Scott Moe	Email Outgoing	Project Update/Request Meeting		My name is Samantha Horgen, and I am the public outreach representative for the SMT project. This project consists of constructing two overhead double circuit 230kV transmission lines near the South Mountain freeway in Laveen. This project will also require a new 500/230/69-kilovolt (kV) substation in Laveen (just south of your parcel) and a few spans of two overhead 500 kV transmission lines. SRP has been sharing alternative routes in this area and would like to share the project information with you directly but would also like to understand any development plans you may have planned on your parcel near Dobbins Road and 65th Avenue. We considered a number of routes in the area in May and after our open houses and other stakeholder meetings, we are considering additional alternatives, one consideration is near 65th Avenue and Dobbins Road, so we want to understand the impact this could have to your parcel. If you are available in the next week, we would like to meet to discuss our proposed transmission line project. Please let me know at your earliest availability. Thank you,
8/2/2024	Jon Eckman	Meeting	Project Impact Meeting	Adam Clark- Developer Manager for Harkins Theatres Mark Rooney- Where are the exact locations, spacing and heights for poles. SRP received the projected locations for the building. Preliminary phase of project.	SRP attendees: Rick Hernandez Sam Horgen Kyle Feldpausch Ben Cox Grace Klawitter The locations SRP sent to Harkins is conceptual for discussion purposes, but not exact, maybe not even 15% design. SRP can send KMZ file that renders the transmission line in this area. Kyle Feldpausch will give Harkins heights, width, dimension of poles in a CAD file so Harkins can model it. SRP reviewed set backs. Add to project email distribution.
8/5/2024	Reid Butler	Email outgoing	Preliminary Pole Placement		C. Janick emailed Reid Butler. Reid as requested see below for a picture with examples of approximate pole locations for this route option. Hope you are recovering well. Let me know if you have any questions. Also as we've discussed, typically for a single pole line we would work to obtain 100 ft of easement for construction and long-term maintenance needs.
8/5/2024	Brett Garwood	Meeting	Project Information Meeting	Attendees: Brett Garwood- District Planning, System Director David Bannenberg- contact for the location of the property. Owned by Maricopa, serviced by South Mountain, David thinks it's being leased right now. Development depends on growth in the area, but uncertain if we have any idea if there is a plan for that property right now. They think it's in a holding status because it does not have a masterplan yet. Can SRP provide something that would identify what it would look like if it was placed on the north side? Can you make assumptions on the easement that would be needed? Would like to share project info with his purchasing director.	SRP Attendees: Rick Hernandez Sam Horgen Grace Klawitter-Strategic Business Account Manager for SRP Rick provided project review the potential for SRP consider a route along Vineyard Road, east to west. We wanted to make sure you were aware of the project and understand any concerns from the project or insight of development. We don't know if it would be on the south or the north side. SRP can make assumptions based on ROW widths, but if City has plans to development the road, we could possibly see if we can use part of the city ROW to maintain. S. Horgen added to email list for project information.

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8/5/2024	David Bannenberg	Meeting	Project Information Meeting	Attendees: Brett Garwood- District Planning, System Director David Bannenberg- contact for the location of the property. Owned by Maricopa, serviced by South Mountain, David thinks it's being leased right now. Development depends on growth in the area, but uncertain if we have any idea if there is a plan for that property right now. They think it's in a holding status because it does not have a masterplan yet. Can SRP provide something that would identify what it would look like if it was placed on the north side? Can you make assumptions on the easement that would be needed? Would like to share project info with his purchasing director.	SRP Attendees: Rick Hernandez Sam Horgen Grace Klawitter-Strategic Business Account Manager for SRP Rick provided project review the potential for SRP consider a route along Vineyard Road, east to west. We wanted to make sure you were aware of the project and understand any concerns from the project or insight of development. We don't know if it would be on the south or the north side. SRP can make assumptions based on ROW widths, but if City has plans to development the road, we could possibly see if we can use part of the city ROW to maintain. S. Horgen added to email list for project information.
8/5/2024	Scott Moe	Phone call outgoing	Follow-up Request Meeting		S.Horgen left a voicemail following up on email from last week. SRP would like to meet with him to reveiw the SMT project and in particular a route that is near his parcel on 65th Ave and Dobbins Road.
8/6/2024	Kevin Sturgeon	Email Incoming	Update on project	Wanted to follow up and see if you got approval to send the PowerPoint and preliminary drawings for us to look at.	We are in the process of finalizing our line route options this week and plan to start circulating the revised map next week. Would you like to be included on the email distribution list we will be using to distribute the most current line route options?
8/6/2024	Jeff Gordon	Email outgoing	Project Update/Meeting Request	Ask SRP to send available dates.	S.Horgen emailed: My name is Samantha Horgen, and I am the public outreach representative for the South Mountain Transmission Project (SMT). SRP is proposing this power infrastructure project to support planned and future growth and development in Laveen. This project consists of constructing two overhead double circuit 230kV transmission lines near the South Mountain freeway in Laveen. This project will also require a new 500/230/69-kilovolt (kV) substation in Laveen (just south of your parcel) and less than 1 mile of two overhead 500 kV transmission lines. SRP hosted public open houses in May and June and will be hosting a few more in September to seek feedback on routes from the community. If you are available in the next week, we would appreciate the opportunity to discuss our proposed transmission line project with you and learn of any developmental plans you have on your parcel near 65th Avenue and Dobbins Road in Laveen.
8/7/2024	Nayeli Sanchez-Luna	Email outgoing	Project Update		Asked if Laveen Village Planning Committee would like an update meeting with SRP ahead of the public mailer, social and email on 8/15. We had committed letting them know about route 4, orange route and whether it would stay on as proposed route.
8/8/2024	Linda Abegg	Email outgoing	Request Meeting		SRP reached out to Nayeli to get on the Laveen Village Planning Committee calendar for 9/9/24. We think this would be a great opportunity to provide you all a project update following public feedback from the first round of open houses and from other stakeholder meetings. SRP will be mailing an invitation on 8/15 that shares SRP is host additional open houses in September to learn about the SMT project and to provide input concerning the new proposed routes for the 230 kV lines. If you both are interested, we would be happy to host a Teams meeting before 8/15 if you are available. Let me know what dates work for you and we do our best to accommodate.
8/8/2024	Jeff Gordon	Meeting	Project Update	Builds multifamily and industrial projects He has seen the virtual presentation. New this area is a proposed high-tech area. No master plan No concerns with routes near property. Understands the need of the project.	SRP attendees: Rick Hernandez Sam Horgen Overview of project, timeline of project and outreach that has occurred so far and to come in September. Note by SRP- Farmed by Williams

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8/12/2024	Linda Abegg	Meeting	Project Update	Laveen Village Planning Committee Reps: Linda Abegg Stephanie Hurd Concerned about school, just west of 202. SRP states 63rd Avenue was more of a concern for school. What side of 63rd avenue will transmission be? No, we may ask for 400 feet in center for flexibility *East side- does not want on east side of east side and 63rd. It will take up the core *West side industrial land, with no construction. *Not significantly concerned with 202 route near school Channel- not being maintained, limit access of Channel. Takeaway: Take 63rd, minimize impact to school and banner. Asked about route along tribe?	SRP Attendees: Rick Hernandez Sam Horgen Review of route 4 (orange) removed from consideration as a result of the feedback from the public. Other routes added from stakeholder feedback. Stressed we need 2 transmission lines.
8/12/2024	Stephanie Hurd	Meeting	Project Update	Laveen Village Planning Committee Reps: Linda Abegg Stephanie Hurd Concerned about school, just west of 202. SRP states 63rd Avenue was more of a concern for school. What side of 63rd avenue will transmission be? SRP may ask for 400 feet in center for flexibility *East side- does not want on east side of east side and 63rd. *West side industrial land, with no construction. *Not significantly concerned with 202 route near school Channel- not being maintained, limit access of Channel. Takeaway: Take 63rd, minimize impact to school and banner. Asked about route along tribe?	SRP Attendees: Rick Hernandez Sam Horgen Review of route 4 (orange) removed from consideration as a result of the feedback from the public. Other routes added from stakeholder feedback. Stressed we need 2 transmission lines.
8/12/2024	Jon Eckman	Email incoming	Channel Option	We reviewed this internally and have serious concerns regarding the negative impact this will have on the visibility of our facility. Is there any chance that the wires can go underground between the pole east side (Kitchell's property) and the west side of the 202? We could work on an easement within our property boundaries to provide you the space needed for this underground approach. Please let me know your thoughts.	R. Hernandez emailed back: Thanks for taking the time to review our proposed plan to construct an overhead transmission line along the Laveen Area Conveyance Channel. In response to your question regarding the possibility of us constructing our transmission line underground along the northern boundary of the Harkins property, SRP typically does not plan for transmission lines to be underground due to the cost associated with undergrounding power lines. With this specific scenario, the cost to underground the line would be roughly ten times the cost of the traditional overhead approach as planned on this project. SRP rate payers would shoulder this added expense, and therefore not recommended for the project. However, municipalities and customers have opted to share the financial burden of going underground on past projects. This approach would require the municipality or customer to fund the difference between the cost to construct the overhead transmission line versus the cost to construct the underground transmission line. Let me know if this is something Harkins would be interested in discussing in further detail. I also wanted to share a couple of photos of an existing transmission line in our system that closely resembles the transmission line we plan on building for this project. You will notice how the power lines tend to be a little less noticeable against the backdrop. Let me know if you have any additional questions or comments.

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8/13/2024	Linda Abegg	Email Incoming	Routes/School/EMF	Hi All, Thank you again for the meeting yesterday. To follow up, I'd like to emphasize the importance of preserving the feasibility of the future school and hospital sites as these are vital for our area and it is unlikely that the hospital or the school would be able to find alternate sites in Laveen. I was able to check back with Laveen ESD and want to clarify that a South Mountain Ave alignment would also cause problems with the power lines being within 50m of the students. Research on this topic has shown that California requires at least 100 feet between power lines and schools. There is also a 2016 study from the British Cancer Journal that found that there was a slight increase in childhood leukemia for children that lived within 50 meters (about 164 feet) of a 200 kilovolt power line. The study did not find any impact for children that lived more than 50 meters away or for children that lived closer to lower voltage lines. Because the school building is planned to be oriented near 63rd Ave, power lines along the 202 would be near the sports fields and have less of an impact on the school children. Below is a map of the Kitchell property to give you an idea of the area that would be within 50 meters of the proposed school site. What alignment options do we have that could avoid power lines along 63rd and South Mountain Ave?	S.Horgen emailed: Good evening Linda and Stephanie, Thank you for your email. We've provided below additional information on EMFs, which you can also access through SRP's EMF webpage: Electric and magnetic field research, sources and guidelines (srpnet.com). If, after reviewing this information, you'd like to schedule a time for an SRP electrical engineer to join a Laveen Village Planning Committee meeting to discuss the Project and EMF matters further, we'd be happy to do so. According to in-depth reviews conducted by public health authorities on the available scientific research, EMFs have not been established as a cause of any disease or illness. To date, no adverse health effects from exposure to low frequency EMFs (e.g., such as those associated with power lines) have been confirmed. Some epidemiological studies, like the British Journal of Cancer study by Crespi et al. attached to your email, have pointed to weak positive results, but the body of scientific research considered as a whole indicates otherwise. The World Health Organization (WHO) has concluded that "current evidence does not confirm the existence of any health consequences from exposure to low level electromagnetic fields." (Radiation: Electromagnetic fields (who.int).) The U. S. National Cancer Institute, one of the National Institutes of Health and a leading public health research authority on the causes, development, prevention, and treatment of cancer, likewise states: "No consistent evidence for an association between any source of non-ionizing EMF and cancer has been found." (Electromagnetic Fields and Cancer - NCI.) While some organizations have published guidelines recommending certain limits for public exposure to EMF for the general public, this transmission project would remain well below any such recommendations. Additional information can be found on SRP's EMF webpage. Your email also expressed concern for the future development of a Banner Health hospital, which we understand will be located at or near W Baseline Road and S 63rd Avenue. SRP has been engaged in productive discussions with Banner Health representatives regarding the South Mountain Transmission Project and Banner Health's planned development. SRP has also met with the Laveen School District and will continue conversations on this project as the project progresses. SRP will continue to solicit and review information from all interested parties, stakeholders, and landowners, including the hospital. We also want to inform you that SRP will be hosting a series of open houses in September to provide updates on the Project's progress and seek public comments on new proposed routes. More information and links to these open houses are located here: SRP Seeks Additional Public Feedback on South Mountain Transmission Project (srpnet.com). Please let me know if we can help answer any questions or provide additional information in the meantime.
8/13/2024	Linda Abegg	Email outgoing	Project Update/Shared postcard		S.Horgen shared Phase 2 postcard with Linda and Stephanie Hurd regarding upcoming open houses.
				Hi All, Thank you again for the meeting yesterday. To follow up, I'd like to emphasize the importance of preserving the feasibility of the future school and hospital sites as these are vital for our area and it is unlikely that the hospital or the school would be able to find alternate sites in Laveen.	S.Horgen emailed: Good evening Linda and Stephanie, Thank you for your email. We've provided below additional information on EMFs, which you can also access through SRP's EMF webpage: Electric and magnetic field research, sources and guidelines (srpnet.com). If, after reviewing this information, you'd like to schedule a time for an SRP electrical engineer to join a Laveen Village Planning Committee meeting to discuss the Project and EMF matters further, we'd be happy to do so. According to in-depth reviews conducted by public health authorities on the available scientific research, EMFs have not been established as a cause of any disease or illness. To date, no adverse health effects from exposure to low frequency EMFs (e.g., such as those associated with power lines) have been confirmed. Some epidemiological studies, like the British Journal of Cancer study by Crespi et al. attached to your email, have pointed to weak positive results, but the body of scientific research considered as a whole indicates otherwise. The World Health Organization (WHO) has concluded that "current evidence does not confirm the existence of any health consequences from exposure to low level electromagnetic fields." (Radiation: Electromagnetic fields (who.int).) The U. S. National Cancer Institute, one of the National Institutes of Health and a leading public health research authority on the causes, development, prevention, and treatment of cancer, likewise states: "No consistent evidence for an association between any source of non-ionizing EMF and cancer has been found." (Electromagnetic Fields and Cancer - NCI.)

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8/13/2024	Stephanie Hurd	Email Incoming	Routes/School/EMF	I was able to check back with Laveen ESD and want to clarify that a South Mountain Ave alignment would also cause problems with the power lines being within 50m of the students. Research on this topic has shown that California requires at least 100 feet between power lines and schools. There is also a 2016 study from the British Cancer Journal that found that there was a slight increase in childhood leukemia for children that lived within 50 meters (about 164 feet) of a 200 kilovolt power line. The study did not find any impact for children that lived more than 50 meters away or for children that lived closer to lower voltage lines. Because the school building is planned to be oriented near 63rd Ave, power lines along the 202 would be near the sports fields and have less of an impact on the school children. Below is a map of the Kitchell property to give you an idea of the area that would be within 50 meters of the proposed school site. What alignment options do we have that could avoid power lines along 63rd and South Mountain Ave?	While some organizations have published guidelines recommending certain limits for public exposure to EMF for the general public, this transmission project would remain well below any such recommendations. Additional information can be found on SRP's EMF webpage. Your email also expressed concern for the future development of a Banner Health hospital, which we understand will be located at or near W Baseline Road and S 63rd Avenue. SRP has been engaged in productive discussions with Banner Health representatives regarding the South Mountain Transmission Project and Banner Health's planned development. SRP has also met with the Laveen School District and will continue conversations on this project as the project progresses. SRP will continue to solicit and review information from all interested parties, stakeholders, and landowners, including the hospital. We also want to inform you that SRP will be hosting a series of open houses in September to provide updates on the Project's progress and seek public comments on new proposed routes. More information and links to these open houses are located here: SRP Seeks Additional Public Feedback on South Mountain Transmission Project (srpnet.com). Please let me know if we can help answer any questions or provide additional information in the meantime.
8/13/2024	Scott Moe	Email outgoing	SMT Update/Request Meeting	Responded on 8/14/24 Hi Karla, I appreciate you reaching out to me and am looking forward to connecting with you soon. I've Cc'd Derek Brown because he is a key member of our team on the project we refer to as Dove Ranch at 65th & Dobbins. As a point of early discussion, we are under contract with Iron Mountain for a large portion of our park. IM intends to do a large data center project on the site. I believe they have been engaged in conversations with people at SRP. •I've also copied JD Beatty with Iron mountain.	Email from Karla Moran to Mr. Moe. Myself and Samantha Horgen, who is SRP's Team member responsible for public outreach for the South Mountain Transmission Project (SMT). We would like to set up meeting with you and your team to discuss our proposed transmission line project and learn of any developmental plans you have on your parcel near 65th Avenue and Dobbins Road in Laveen. SRP is proposing this power infrastructure project to support planned and future growth and development in Laveen. This project consists of constructing two overhead double circuit 230kV transmission lines near the South Mountain freeway in Laveen. This project will also require a new 500/230/69-kilovolt (kV) substation in Laveen (just south of your parcel) and less than 1 mile of two overhead 500 kV transmission lines. SRP hosted public open houses in May and June and will be hosting a few more in September to seek feedback on routes from the community. Thank you, Karla
8/14/2024	Jon Eckman	Email outgoing	Phase 2, New Routes Proposed		Thanks for taking the time to review our proposed plan to construct an overhead transmission line along the Laveen Area Conveyance Channel. In response to your question regarding the possibility of us constructing our transmission line underground along the northern boundary of the Harkins property, SRP typically does not plan for transmission lines to be underground due to the cost associated with undergrounding power lines. With this specific scenario, the cost to underground the line would be roughly ten times the cost of the traditional overhead approach as planned on this project. SRP rate payers would shoulder this added expense, and therefore not recommended for the project. However, municipalities and customers have opted to share the financial burden of going underground on past projects. This approach would require the municipality or customer to fund the difference between the cost to construct the overhead transmission line versus the cost to construct the underground transmission line. Let me know if this is something Harkins would be interested in discussing in further detail. I also wanted to share a couple of photos of an existing transmission line in our system that closely resembles the transmission line we plan on building for this project. You will notice how the power lines tend to be a little less noticeable against the backdrop. Let me know if you have any additional questions or comments.

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8/14/2024	Mark Sites	Meeting	Project Update/Routes Proposed	Referred to Mark by Michael Campeau, Mark Sites works in the BTR Division (Built For Rent) No plan for a ROW dedication *Very concerned with Vineyard route, does not want it nor does he have the space for it, will impact buildout of homes. February 2025 rental homes planned to build, an estimated 190 No community name, maybe Yardly Site Plan is approved, platted, thinks SRP is designing. Has irrigation easement on north side-irrigation district States an easement for transmission would take away homes	Attendees: Rick Hernandez Sam Horgen Nicole Knox Reviewed project scope, routes, specifically the northern routes. Sam will add him to project email distribution list for progress of project. Reviewed public feedback options to SRP and that all feedback is included in the application. Reviewed upcoming open houses, hearing and ACC open house.
8/15/2024	Anthony Villareal, SR	Email outgoing	Project update		SRP (G. Salt) emailed the Phase 2 project postcard to Anthony Villareal.
8/15/2024	GRIC	Email outgoing	Project Update		SRP (G. Salt) shared the phase 2 postcard to GRIC members: •Terrance Evans, GRIC Council District #6 •Devin Redbird, GRIC Council District #7 •Charles Goldtooth, GRIC Council District #6 •Anthony Villareal, Sr., GRIC Council District #6
8/15/2024	Linda Abegg	Email incoming	Health Effects/EMF/Route Concerns	Hi All, Thank you again for the meeting yesterday. To follow up, I'd like to emphasize the importance of preserving the feasibility of the future school and hospital sites as these are vital for our area and it is unlikely that the hospital or the school would be able to find alternate sites in Laveen. I was able to check back with Laveen ESD and want to clarify that a South Mountain Ave alignment would also cause problems with the power lines being within 50m of the students. Research on this topic has shown that California requires at least 100 feet between power lines and schools. There is also a 2016 study from the British Cancer Journal that found that there was a slight increase in childhood leukemia for children that lived within 50 meters (about 164 feet) of a 200 kilovolt power line. The study did not find any impact for children that lived more than 50 meters	Email send to Linda Good evening Linda and Stephanie, Thank you for your email. We've provided below additional information on EMFs, which you can also access through SRP's EMF webpage: Electric and magnetic field research, sources and guidelines (srpnet.com). If, after reviewing this information, you'd like to schedule a time for an SRP electrical engineer to join a Laveen Village Planning Committee meeting to discuss the Project and EMF matters further, we'd be happy to do so. According to in-depth reviews conducted by public health authorities on the available scientific research, EMFs have not been established as a cause of any disease or illness. To date, no adverse health effects from exposure to low frequency EMFs (e.g., such as those associated with power lines) have been confirmed. Some epidemiological studies, like the British Journal of Cancer study by Crespi et al. attached to your email, have pointed to weak positive results, but the body of scientific research considered as a whole indicates otherwise. The World Health Organization (WHO) has concluded that "current evidence does not confirm the existence of any health consequences from exposure to low level electromagnetic fields." (Radiation: Electromagnetic fields (who.int).) The U. S. National Cancer Institute, one of the National Institutes of Health and a leading public health research authority on the causes, development, prevention, and treatment of cancer, likewise states: "No consistent evidence for an association between any source of non-ionizing EMF and cancer has been found." (Electromagnetic Fields and Cancer - NCI.)

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			e Concerns	away or for children that lived closer to lower voltage lines. Because the school building is planned to be oriented near 63rd Ave, power lines along the 202 would be near the sports fields and have less of an impact on the school children. Below is a map of the Kitchell property to give you an idea of the area that would be within 50 meters of the proposed school site. What alignment options do we have that could avoid power lines along 63rd and South Mountain Ave?	While some organizations have published guidelines recommending certain limits for public exposure to EMF for the general public, this transmission project would remain well below any such recommendations. Additional information can be found on SRP's EMF webpage. Your email also expressed concern for the future development of a Banner Health hospital, which we understand will be located at or near W Baseline Road and S 63rd Avenue. SRP has been engaged in productive discussions with Banner Health representatives regarding the South Mountain Transmission Project and Banner Health's planned development. SRP has also met with the Laveen School District and will continue conversations on this project as the project progresses. SRP will continue to solicit and review information from all interested parties, stakeholders, and landowners, including the hospital. We also want to inform you that SRP will be hosting a series of open houses in September to provide updates on the Project's progress and seek public comments on new proposed routes. More information and links to these open houses are located here: SRP Seeks Additional Public Feedback on South Mountain Transmission Project (srpnet.com). Please let me know if we can help answer any questions or provide additional information in the meantime. Thank you, Sam Horgen
8/15/2024	Melvin Tasker	Letter Mailed	Postcard mailed certified for Phase 2		Certified mailed postcard for Phase 2 Open House and project info to Mel Tasker and SRP did receive signature of receipt.
8/15/2024	Stephanie Hurd	Email outgoing	Project Update/Shared postcard		S.Horgen shared Phase 2 postcard with Linda and Stephanie Hurd regarding upcoming open houses.
8/15/2024	Wendy Flood	Email Outgoing	Postcard emailed	Received email back o 8/20 Wendy passed along our postcard to the Laveen Community Council. She is asking the president of council if SRP can be on the agenda for next month. She can promote the meeting and information via their social media channels and focus on Laveen and South Mountain residents.	S.Horgen emailed Wendy the Phase 2 postcard notifying of the upcoming open houses.
8/15/2024	Scott Moe	Email Incoming	SMT Meeting Request		Thank you, Scott. Yes, we've chatted with JD. However we want to make sure we chat with all the current landowners too. Derek- Can we set up a time to chat next week? Karla
8/15/2024	Ahwatukee Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Apache Junction Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Arizona Chamber of Commerce & Industry	Meeting Updates	Project info		Shared project update information
8/15/2024	Arizona Hispanic Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Buckeye Valley Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Chandler Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Coolidge Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	East Valley Hispanic Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Eloy Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Florence Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Fountain Hills Chamber	Meeting Updates	Project info		Shared project update information

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8/15/2024	Gilbert Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Glendale Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Greater Phoenix Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Maricopa Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Mesa Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Peoria Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Tempe Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Arizona Lodging and Tourism Association	Meeting Updates	Project info		Shared project update information
8/15/2024	Queen Creek Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Scottsdale Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	Southwest Valley Chamber	Meeting Updates	Project info		Shared project update information
8/15/2024	American Indian Chamber of Arizona	Meeting Updates	Project info		Shared project update information
8/15/2024	South Mountain and Laveen Chamber	Meeting Updates	Project info		Shared project update information
8/16/2024	ACC STAFF	Email Outgoing	Project Update		SRP (K. Neff) shared the phase 2 project postcard to ACC Staff for: - Commissioner Marquez-Peterson - Commissioner Myers - Commissioner O'Connor - Commissioner Tovar - Commissioner Thompson Requested a meeting with Commissioner/ACC Staff in September to provide a briefing/project update.
8/19/2024	Paul No Last Name	Phonecall outgoing	Project Update-new routes proposed		S. Horgen left message for Paula, property manager for Tradewinds Capital property.
8/19/2024	Brett Hightower	Email Incoming	Project update, phase 2	Did not see the email come through on the updated route. Asked if SRP can send it	S. Horgen send postcard that included all email information, map and sign-up genius for open houses. It also sent to Brett Hightower, Peter Schroeder, Ramzi Georges and ton y Launer.
8/19/2024	Kevin Sturgeon	Email Incoming	Project update, phase 2	Did not see the email come through on the updated route. Asked if SRP can send it	S. Horgen send postcard that included all email information, map and sign-up genius for open houses. It also sent to Brett Hightower, Peter Schroeder, Ramzi Georges and ton y Launer.
8/19/2024	Peter Schroeder	Email Incoming	Project update, phase 2	Did not see the email come through on the updated route. Asked if SRP can send it	S. Horgen send postcard that included all email information, map and sign-up genius for open houses. It also sent to Brett Hightower, Peter Schroeder, Ramzi Georges and ton y Launer.
8/19/2024	Trish Hickey	Email outgoing	Project Update		S. Horgen spoke with Trish on the phone to talk with her about the SMT project and proposed route just north of Laveen Spectrum LLC. Emailed her electronic postcard for open houses, but also said we would be interested in hearing any question or concerns she has associated with project. Sam offered meeting with SRP if she was interested. Asked if she would share postcard information with tenants as well.
8/19/2024	Peter Schroeder	Email Incoming	Postcard sent for Phase 2	Thanks for passing this along. It looks like the new route directly affects our site just south of the Conveyance Channel. From previous conversations, I believe you mentioned that the easement/route was hopefully going to be in the ADOT right of way – do you have any specific information on if this is the case and if not, where the specific easement will be located? Preliminary plans would be extremely helpful but if those are not available to share, a rough approximation would be much appreciated as we try and navigate how this affects our project.	S.Horgen requested Rick to responds to ADOT question.
8/21/2024	Andy Hayes	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Chris Clark	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	David Key	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Jeffrey Campos	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Joe Roselle	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Joshua Gunn	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Mark Stanton	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Mary Ann Przybylski	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Myesha Harris	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.

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8/21/2024	Peter Schroeder	Meeting	Planned Development	Attendees: Peter Shroeder (Roers), Kevin Sturgeon (Roers), Tony Launer (Roers), Lindsay Schube (GB Law), Dennis Newcombe (GB Law) Significant impact to planned development with even one transmission line. Very concerns with alignments running along 202. Would have preferred 63rd Avenue alignment.	Rick Hernandez (SRP), Sam Horgen (SRP), Alysha Gilbert SRP), Reviewed proposed route options.
8/21/2024	Sally Harrison	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Sarah Watts	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Terri Kimble	Email outgoing	Project update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Todd Sanders	Email outgoing	Project Update		SRP (J. Mayer) emailed the phase 2 postcard with the Chamber.
8/21/2024	Kevin Sturgeon	Meeting	Project Update-New Routes	Attendees: Tony Launer-construction Dennis Newcombe-zoning Linsay Schube-zoning,lawyer, Gammage Kevin Sturgeon-developer Samuel Trebesch- engineer Peter Schroeder Roer is developer and a has client that is the buyer of property west of 202, south of Conveyance Channel, Kitchell is owner and seller of triangle piece, dark triangle and the light piece as well. Multi-family, parking and amenties is planned there. Tan area likely covered or non-covered parking. How many poles for this area? Is 100 foot ROW SRP standard, can poles be closer together. Transmission needs 100 feet to maintain poles. Parking garages are on the tan strip. Tan is private property not owned by ADOT. They will provide SRP more info on this. Timing 2025 construction	Attendees: Rick Hernandez Sam Horgen Reviewed scope of project and new map. ADOT has agreed to allow SRP to maintenance from the ADOT ROW to minimize the impact to private property. Discussed easement needs for project. As far as how many poles, depends on ultimate route selection and depends if we need the crossing along the Channel, but we think 2 at this point.
8/22/2024	Reid Butler	Email outgoing	Follow-up from meeting		Michael O'Connor emailed Reid Butler and Wes Lines: O'Connor responded to questions regarding change in zone designation and land use compatibility with transmission lines.
8/22/2024	Wendy Flood	Email outgoing	Feedback/Questions		S. Horgen emailed Wendy asking if she had received any feedback, positive, negative or neutral from the Laveen Community Council.
8/22/2024	Wes Lines	Email outgoing	Follow-up from meeting		Michael O'Connor emailed Reid Butler and Wes Lines: O'Connor responded to questions regarding change in zone designation and land use compatibility with transmission lines.
8/22/2024	Jon Eckman	Email Incoming	Opposed to new routes	At this time, we are not in favor of the proposed lines running adjacent to our parcel. Our request is that the lines be routed along one of the alternative options previously provided. Maintaining maximum flexibility for our site is essential. We have significant concerns about the reduction in property value due to the required easements and the negative aesthetic impacts the lines will have. The visual impact will be especially pronounced when the lines are not set against the sky but instead intrude into the view corridor from our building to the highway. This would be a detriment not only to our property but also to the overall appeal of the surrounding area. We strongly urge SRP to reconsider the route for these transmission lines to mitigate these impacts. Thank you for your understanding and attention to this matter.	

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8/23/2024	Linda Abegg	Email Incoming	Route concern	8:23 am cc to Stephanie Hurd Thank you for the response. I am still concerned about the change to have only one line along the freeway instead of both. Having the power lines split with businesses in between and a school bordered on two sides seems like a much worse configuration than previously presented. The only thing I can think of is that developers are fighting to keep billboards and we are sacrificing the interests of the community so that billboards are not blocked along the 202. The impact is unfortunate either way, but spreading the lines out seems to be increasing the impact to the area. Can you provide me with more information about how the public can be involved as this moves to the committee(s) that approve it? 9:10 am I actually followed up and found out that any lines along the freeway get rid of billboards. From what I understand, the landowners along most of the stretch North of Dobbins do not agree with this recent change to separate the lines. Can you share what feedback led to this change? The more I look into it the more opposed I am to spreading the lines apart.	Thank you for sharing your feedback on the proposed routes. We are still in the public process of receiving feedback for all routes with a second round of open houses next month. SRP is continuing to evaluate ways to minimize impact to the public, environment, and landowners. The new routes proposed are as a result of stakeholder meetings and other community feedback. Information on the line siting hearing will be mailed in October and there will be an opportunity for public comment at the hearing, which is scheduled to begin November 12. The Chairman determines the date and time of public comment. Usually the public comment session is held on the first evening of the hearing, and I am happy to keep you informed on the timing of that opportunity when it is confirmed. Public comments can be shared in person or virtually. I have logged your comments and will share with our team for consideration. Thank you, Linda, for continuing to keep us posted on areas of concern.
8/23/2024	Stephanie Hurd	Email Incoming	Route concern	8:23 am cc to Stephanie Hurd Thank you for the response. I am still concerned about the change to have only one line along the freeway instead of both. Having the power lines split with businesses in between and a school bordered on two sides seems like a much worse configuration than previously presented. The only thing I can think of is that developers are fighting to keep billboards and we are sacrificing the interests of the community so that billboards are not blocked along the 202. The impact is unfortunate either way, but spreading the lines out seems to be increasing the impact to the area. Can you provide me with more information about how the public can be involved as this moves to the committee(s) that approve it? 9:10 am I actually followed up and found out that any lines along the freeway get rid of billboards. From what I understand, the landowners along most of the stretch North of Dobbins do not agree with this recent change to separate the lines. Can you share what feedback led to this change? The more I look into it the more opposed I am to spreading the lines apart.	Thank you for sharing your feedback on the proposed routes. We are still in the public process of receiving feedback for all routes with a second round of open houses next month. SRP is continuing to evaluate ways to minimize impact to the public, environment, and landowners. The new routes proposed are as a result of stakeholder meetings and other community feedback. Information on the line siting hearing will be mailed in October and there will be an opportunity for public comment at the hearing, which is scheduled to begin November 12. The Chairman determines the date and time of public comment. Usually the public comment session is held on the first evening of the hearing, and I am happy to keep you informed on the timing of that opportunity when it is confirmed. Public comments can be shared in person or virtually. I have logged your comments and will share with our team for consideration. Thank you, Linda, for continuing to keep us posted on areas of concern.
8/26/2024	Nayeli Sanchez-Luna	Email Incoming	Billboards	Good afternoon Samantha, Thank you once again for agreeing to present at the September VPC meeting. I was wondering if you could provide more information on how the proposed routes could affect the billboards that are proposed along the Loop 202. If a transmission line is proposed on the west side of the Loop 202, does that mean that billboards would no longer be permitted? I know during the last meeting we expressed the importance of the funding that Laveen will receive from these billboards. If you or anyone could provide more information, it would be greatly appreciated it. The Laveen VPC Chair and Vice Chair would like to know how these transmission lines will affect the billboards.	SHorgen emailed Nayeli: We look forward to presenting the latest updates at your September meeting. SRP has considered stakeholder input regarding the billboards and the potential effect of the 202-line routes. We believe there would be adequate spacing from the billboards and the overhead conductor. With that said, we are continuing to analyze feedback from all stakeholders, landowners, and public comments to understand concerns and identify ways to minimize impact. Please be on the lookout for a new email that will be sent out with a new route added. We expect it to be sent out by next week. Thank you for reaching out to us with your question. Please feel free to pass along to LPC Chair and Vice Chair. Please let us know if you have any further questions.

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
8/26/2024	Charlie Martin	Meeting	Project Update	Attendees: Jeff Sprout, Charlie Martin (Laveen Elementary School District) Linda Abegg (Laveen Village Planning Committee) S3 most comfortable with. Didn't want on 63rd Avenue or South Mountain. Uncertain if they will have field lighting. Building are still planned on the west side of property. Timeline be is to be built 2029. Linda Abegg said she spoke with attorney for the landowner south of South Mountain and they want both lines on 202 freeway not one on 63rd and one on 202. Advocating to for S1 to run along Dobbins to the 202 instead of coming along 63rd Avenue. Explore option fo two transmission lines along the west side of 202. Linda's understanding was Line's property was to be a restaurant, open space then multi-family.	SRP Attendees: Rick Hernandez, Sam Horgen and Netoya Evans Reviewed new proposed routes and ADOT proposal to hug 202 on the east side. We will see if ADOT will approve that option. Placing 2 lines along the west side of 202 is impacting development and limits extension to the west.
8/26/2024	Jeff Sprout	Meeting	Project Update	Attendees: Jeff Sprout, Charlie Martin (Laveen Elementary School District) Linda Abegg (Laveen Village Planning Committee) S3 most comfortable with. Didn't want on 63rd Avenue or South Mountain. Uncertain if they will have field lighting. Building are still planned on the west side of property. Timeline be is to be built 2029. Linda Abegg said she spoke with attorney for the landowner south of South Mountain and they want both lines on 202 freeway not one on 63rd and one on 202. Advocating to for S1 to run along Dobbins to the 202 instead of coming along 63rd Avenue. Explore option fo two transmission lines along the west side of 202. Linda's understanding was Line's property was to be a restaurant, open space then multi-family.	SRP Attendees: Rick Hernandez, Sam Horgen and Netoya Evans Reviewed new proposed routes and ADOT proposal to hug 202 on the east side. We will see if ADOT will approve that option. Placing 2 lines along the west side of 202 is impacting development and limits extension to the west.
8/26/2024	Linda Abegg	Email Outgoing	Project Update		Linda, Thank you for sharing your feedback on the proposed routes. We are still in the public process of receiving feedback for all routes with a second round of open houses next month. SRP is continuing to evaluate ways to minimize impact to the public, environment, and landowners. The new routes proposed are as a result of stakeholder meetings and other community feedback. Information on the line siting hearing will be mailed in October and there will be an opportunity for public comment at the hearing, which is scheduled to begin November 12. The Chairman determines the date and time of public comment. Usually the public comment session is held on the first evening of the hearing, and I am happy to keep you informed on the timing of that opportunity when it is confirmed. Public comments can be shared in person or virtually. I have logged your comments and will share with our team for consideration. Thank you, Linda, for continuing to keep us posted on areas of concern.
8/26/2024	Linda Abegg	Meeting	Project Update	Attendees: Jeff Sprout, Charlie Martin (Laveen Elementary School District) Linda Abegg (Laveen Village Planning Committee) S3 most comfortable with. Didn't want on 63rd Avenue or South Mountain. Uncertain if they will have field lighting. Building are still planned on the west side of property. Timeline be is to be built 2029. Linda Abegg said she spoke with attorney for the landowner south of South Mountain and they want both lines on 202 freeway not one on 63rd and one on 202. Advocating to for S1 to run along Dobbins to the 202 instead of coming along 63rd Avenue. Explore option fo two transmission lines along the west side of 202. Linda's understanding was Line's property was to be a restaurant, open space then multi-family.	SRP Attendees: Rick Hernandez, Sam Horgen and Netoya Evans Reviewed new proposed routes and ADOT proposal to hug 202 on the east side. We will see if ADOT will approve that option. Placing 2 lines along the west side of 202 is impacting development and limits extension to the west.

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8/26/2024	Raul Amavisca	Meeting	Route Proposed East Side of 202	Attendee: Raul Amava-Operations and maintenance Peggy Fehlman- Right of way Study needs to be done and if it proves it can be done without negatively affecting the retention. How many feet to narrow it? 50 feet.	Rick Hernandez, Sam Horgen
8/27/2024	Charlie Martin	Email incoming	Proposed alignments	Good afternoon Rick and Team, Thank you for taking the time to walk us through the updated proposed alignments. I am writing to let you know that district administration will recommend that our Governing Board oppose the proposed alignments that run along South Mountain Avenue and any future proposed alignments that run along 63rd Avenue north of South Mountain Avenue. The district Governing Board may adopt a resolution formally opposing the alignments in September (9/12) or October (10/2). I will forward a copy of the board resolution once it is available. Thank you again and please let me know if you have any questions or if there is any additional information that would be helpful. Charlie	S.Horgen emailed: Good morning Mr. Martin, We appreciate your time in meeting with SRP and providing feedback on the South Mountain Transmission Project. We have noted that the district administration does not support a transmission line(s) route along 63rd Avenue or South Mountain Avenue but wanted to ensure we understood the administration's position fully. Would you consider supporting transmission line(s) located along the south side of the South Mountain Avenue alignment (located on the parcel south of the proposed school) or are you opposed to any transmission lines along South Mountain Avenue? Thank you in advance for your time and consideration into this question. Sam
8/27/2024	Jeff Sprout	Email incoming	Project Update	Incoming email from Charlie Martin: Good afternoon Rick and Team, Thank you for taking the time to walk us through the updated proposed alignments. I am writing to let you know that district administration will recommend that our Governing Board oppose the proposed alignments that run along South Mountain Avenue and any future proposed alignments that run along 63rd Avenue north of South Mountain Avenue. The district Governing Board may adopt a resolution formally opposing the alignments in September (9/12) or October (10/2). I will forward a copy of the board resolution once it is available. Thank you again and please let me know if you have any questions or if there is any additional information that would be helpful. e."	
8/27/2024	Oscar De Los Santos	Email Incoming	Project Update	Received response back from Rep. Oscar De Los Santos (Assistant Minority Leader). Just a quick thank you note for the information.	SRP (A. Feder) emailed the updated project postcard to Rep Cavero. These were just follow-ups from the briefings/calls Fareed and I did a couple months ago. Mentioned that the main difference was the elimination of the Dobbins route based on community feedback. And reiterated that SRP was committed to working with residents in the area to find the most feasible option. Left it a little open ended on the other routes based on the call today.
8/27/2024	Representative Junelle Cavero	Emailing Incoming	Project update	On 9/3, SRP (A. Feder) received a response back from Senator Miranda. Simple response of "Thank you for the update."	SRP (A. Feder) emailed the updated project postcard to Rep Cavero. These were just follow-ups from the briefings/calls Fareed and I did a couple months ago. Mentioned that the main difference was the elimination of the Dobbins route based on community feedback. And reiterated that SRP was committed to working with residents in the area to find the most feasible option. Left it a little open ended on the other routes based on the call today.
8/27/2024	Senator Catherine Miranda	Email Incoming	Project Update	Received a response back from Senator Miranda. Simple response of "Thank you for the update."	SRP (A. Feder) emailed the updated project postcard to Sen. Miranda. These were just follow-ups from the briefings/calls Fareed and I did a couple months ago. Mentioned that the main difference was the elimination of the Dobbins route based on community feedback. And reiterated that SRP was committed to working with residents in the area to find the most feasible option. Left it a little open ended on the other routes based on the call today.
8/29/2024	Michael Trueman	Email Outgoing	Request Meeting/Shared OH info		Called to share project info, number would not allow a message. Emailed project information, requested contact and meeting with owner of DRH Energy Inc., parcel 300-02-939, Pad 12. Also left a message for Tanya Aksamentora

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
8/29/2024	Randy Wilmeth	Phone call outgoing	Owner contact	Randy said he thinks he saw an email on SMT but has a lot of projects so isn't sure. He advised SRP to reach out to Sherri, no last name provided. He her email address.	S. Horgen spoke with Randy trying to reach owner of Village at Carver Mountain, parcel 300-02-942. Sam sent email to both Randy and Sherri Good afternoon, Randy and Sherri, Randy, thank you for taking the time to speak with me today. My name is Samantha Horgen and I work in SRP's Public Involvement department. I am trying to reach out to the owner of Village at Carver Mountain LLC, parcel 300-02-942. I hope you may be able to connect me with the owner of the property. The City of Phoenix is planning future developments in Laveen along the South Mountain Freeway. To support this future development, SRP is proposing the South Mountain Transmission (SMT) Project. SRP has mailed project information to customers and landowners in the area, but wanted to make sure we did a direct outreach to anyone who has a proposed route near their property. SRP would be happy to meet with the owner to understand development plans and timing. SRP has upcoming open houses September 5th and 10th to learn about the project and gain feedback from the surrounding area. There is a proposed route near this parcel, so I wanted to make sure if he/she had any comments that there was an opportunity to provide them to us. Appreciate any information you could provide to connect to the right person. For more information on this
8/29/2024	Sherri Koshiol	Email outgoing	Project info/Meeting request/Open House	Property east of Loop 202, Parcel 300-02-942	Good afternoon, Randy and Sherri, Randy, thank you for taking the time to speak with me today. My name is Samantha Horgen and I work in SRP's Public Involvement department. I am trying to reach out to the owner of Village at Carver Mountain LLC, parcel 300-02-942. I hope you may be able to connect me with the owner of the property. The City of Phoenix is planning future developments in Laveen along the South Mountain Freeway. To support this future development, SRP is proposing the South Mountain Transmission (SMT) Project. SRP has mailed project information to customers and landowners in the area, but wanted to make sure we did a direct outreach to anyone who has a proposed route near their property. SRP would be happy to meet with the owner to understand development plans and timing. SRP has upcoming open houses September 5th and 10th to learn about the project and gain feedback from the surrounding area. There is a proposed route near this parcel, so I wanted to make sure if he/she had any comments that there was an opportunity to provide them to us. Appreciate any information you could provide to connect to the right person. For more information on this project, please visit srp.net/smt. Thank you, Sam
8/29/2024	Mark Barkenbush	Meeting	Project update	Banner Attendees: Michelle De Blasi (Attorney) Mark Barkenbush Tory Freeman Aaron Zeligman When will discovery be done with ADOT? Do you think you may have a route on both sides of the 202? Plans to attend September 10th open house Support N3 & N4 for norther routes Support S3 & S4 (maybe) southern route.	SRP Attenees: Rick Hernandez Chris Janick Alysha Gilbert Sam Horgen SRP should get preliminary analysis in 3 months. ADOT may need 2 months to consider that option. Review proposed routes following Phase 2. ADOT has agreed in concept to entertain the east route. SRP has little to know room on the east side due to ADOT's retention basin. COP also had concerns with this location due to the newly developed business complex on Baseline and freeway. We have a larger flat space to the north they we may have an opportunity to place poles. We will study it for both routes and will not rule out until our study rules it out. We plan to add to the application as a "maybe route."

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/3/2024	Linda Abegg	Email incoming	ADOT Route	Hi All, I saw the updated route information, so I'm assuming ADOT was receptive at your last meeting. Are you also still considering adding the route that will cut East on Dobbins instead of South Mountain Ave? Thank you, Linda	Rick Hernandez emailed response: Hi Linda, We are working with ADOT to evaluate several options along the east side of the Loop 202 freeway. The first option would include a single transmission pole line crossing over the 202 freeway at South Mountain Ave. The second option would include a single transmission pole line crossing over the 202 freeway at Dobbins Rd. Lastly, the third option would include a single transmission pole line crossing over the 202 freeway at Olney Ave. It is important to note that given the limited real estate within the ADOT right of way and the size of the existing ADOT retention basins, we only have enough space for one transmission pole line on the east side of the Loop 202 freeway, and the project requires a total of two transmission pole lines. In addition, all of the proposed options that parallel the east side of the Loop 202 freeway require an engineering analysis proving their feasibility. These retention basins will have to be reduced to create added space that is needed for the proposed transmission pole line and its associated access road. I am working with a local civil engineering firm to conduct this engineering analysis. In addition, SRP is continuing to engage with all interested stakeholders and receiving feedback on the proposed transmission pole line options east of the 202, which will be included in the CEC Application and considered in SRP's evaluation of the route options. We will keep the LVPC posted as this develops. Rick
9/3/2024	Scott Moe	Meeting	Project Update	Attendees: JD Beatty (Iron Mountain) Will Chung (Iron Mountain) Scott Moe (Scannell) Derek Brown (Scannell) Iron Mountain prefers and likes the yellow, S1 route, but wants SRP to avoid going through existing planned development. Prefers line to be on the east side of 65th Avenue. Planning stages for Iron Mountain. Future substation along 65th Avenue. Have not engaged with COP regarding 63rd Avenue. Preliminary site plan drafted. Future substation is located west of 65th Avenue. Substation would be owned by SRP but dedicated to Iron Mountain. Concerned with 100-foot easement on their property but want to support the 65th alignment. Scannell has existing business operating adjacent to 65th Avenue, located on the southeast corner. Would prefer line on the east side of 65th Avenue. Existing building (referred to as, PFG) Scannell owns building, but they have a company leasing it. Scannell prefers line not disrupt their operations.	SRP Attendees: Rick Hernandez Sam Horgen Karla Moran Rick reviewed project scope and routes of project. Reviewed timeline of project and upcoming outreach activities to gather feedback.
9/3/2024	Brad Anderson-Ktichell	Meeting	Routes/Easements	Attendees: Brad Anderson Kevin Miller Has two parcels in escrow, school and multifamily housing. Wanted for definitive easement requirements in order for his business transactions to move forward. Asked worst case scenario for easement east of property. Would be 200 feet for two lines. Plans to attend virtual meeting.	Attendees: Rick Hernandez Sam Horgen Reviewed latest routes options proposed and a new one that was coming out today east of the 202. Will not know anything definitive until approval by the ACC in Q1 of next year.
9/3/2024	Kevin Miller	Meeting	Routes/Easements	Attendees: Brad Anderson Kevin Miller Has two parcels in escrow, school and multifamily housing. Wanted for definitive easement requirements in order for his business transactions to move forward. Asked worst case scenario for easement east of property. Would be 200 feet for two lines. Plans to attend virtual meeting.	Attendees: Rick Hernandez Sam Horgen Reviewed latest routes options proposed and a new one that was coming out today east of the 202. Will not know anything definitive until approval by the ACC in Q1 of next year.

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9/4/2024	Charlie Martin	Email Incoming	Proposed alignment	Charlie replying to SRP's email from 9/4, asking for clarification. --- Hi Samantha, No, we are opposed to transmission lines that run along South Mountain Avenue, but would support lines that run along the 202. Charlie	
9/4/2024	Wendy Flood	Email Incoming	Feedback	Wendy emailed SRP: I did annonuce last night at the meeting. We have also posted on our Facbook page. I asked for comments or feedback and there were none. I encourged folks to reach out and attend! Wr meet the first Tuesday of the month if you want to attend a meeting.	S.Horgen responded with thank you for sharing our project information. Feel free to let us k now if we can assist in any way. We anticipate attending your October meeting, thank you for the invite.
9/5/2024	Raul Amavisca	Email outgoing	East side route option		R. Hernandez sent email to Raul. Good afternoon, Raul, Checking to see if you have some time next week to discuss this project. We recently spoke to a handful of property owners and builders on the west side of the Loop 202, and they have concerns regarding the planned transmission line routes we show on the attached postcard that we recently mailed out to the community. Curious to see if ADOT would still be willing to entertain the idea of us constructing a short portion of one of the transmission lines on the east side of the Loop 202 freeway.
9/5/2024	Reid Butler	Meeting	Data Center Load requests		Karla Moran and Chris Janick with Reid Butler, Wes Lines (and Wes's son or nephew I think his name was Santiago) to explain SRP's processes for assessing data center load requests.
9/5/2024	Wes lines	Meeting			Karla Moran and Chris Janick with Reid Butler, Wes Lines (and Wes's son or nephew I think his name was Santiago) to explain SRP's processes for assessing data center load requests.
9/6/2024	Linda Abegg	Email Incoming	202 West Alignment	Thank you for the response. Because the route East of the 202 is subject to the engineering studies, I hope to see two other routes proposed that are on the West side AND do not go along South Mountain Ave between 63rd Ave and the 202 to minimize impact on the school and the town core at Dobbins. Thank you, Linda	
9/9/2024	Baseline Road LLC	Phone call outgoing	Outreach	Customer is aware of project and given comments.	SRP/KP Environmental spoke with customer, has postcard, aware of project and has given comments
9/9/2024	Carlos Esquer	Phone call outgoing	Outreach		SRP (S. Horgen) spoke with Carlos & emailed postcard with project details, also invited customer to Open House meeting on 9/10. Spanish speaking only.
9/9/2024	Charles Mokry	Phonecall outgoing	Outreach		SRP (S. Horgen) spoke with Charles & emailed postcard with project details, also invited customer to Open House meeting on 9/10.
9/9/2024	Dionicio Rivas	Phone call outgoing	Outreach		SRP/KP Environmental left voicemail to customer about project. (Preferred Language: Spanish)
9/9/2024	Eulalio Juarez	Phone call outgoing	Outreach	Does not recall receiving the project mailer in the mail. Interested in receiving an email with project mailer.	SRP (M. Sierras) spoke with Eulalio & emailed postcard with project details, also invited customer to Open House meeting on 9/10. Spanish speaker only.
9/9/2024	Hilda Talamantes	Phone call outgoing	Outreach	Does not recall receiving the project mailer in the mail. Interested in receiving an email with project mailer.	SRP (M. Sierras) spoke with Hilda & emailed postcard with project details, also invited customer to Open House meeting on 9/10. Spanish speaking only.
9/9/2024	Jazmin Garcia	Phonecall Outgoing			Reviewed by phone project and sent her email on project.
9/9/2024	Keona Thurman	Phone call outgoing	Outreach		SRP (S. Horgen) spoke with Keona & emailed postcard to highlighted emails above, invited to OH. Concerned with transmission on ADOT parcel next door, visual impacts and construction with the use of the single road.
9/9/2024	Juanita Jauregi-Aceves	Phone call outgoing	Outreach	Does not recall receiving the project mailer in the mail. Interested in receiving an email with project mailer.	SRP (M. Sierras) spoke with Juanita's daughter Giovanna & emailed postcard with project details, also invited customer to Open House meeting on 9/10. Spanish speaking only.

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/9/2024	Katrina Ontiveros	Phone call outgoing	Outreach		SRP (S. Horgen) spoke with Katrina & emailed postcard with project details, also invited customer to Open House meeting on 9/10. Spanish speaking only.
9/9/2024	Olivia Rosales	Phone call outgoing	Outreach	Does not recall receiving the project mailer in the mail. Interested in receiving the project mailer in the mail again.	SRP (M. Sierras) spoke with Olivia & texted the project website link to customer, also invited customer to Open House meeting on 9/10. Spanish speaking only.
9/9/2024	Raul Melero Jr	Phonecall outgoing	Outreach		SRP/KP Environmental, number not in service, (602) 233-2645. Taken from Enedina Melero's SRP account.
9/9/2024	Refugio Orozco	Email outgoing	Outreach		SRP/KP Environmental, email sent –he cannot come to meeting but will call if he has questions.
9/9/2024	Richard Mercer	Phone call outgoing			SRP/KP Environmental, "He knew about it and basically said he cant change minds and we spoke for a long time."
9/9/2024	Rick Smith	Phone call outgoing	Outreach		SRP/KP Environmental Services spoke to Rick and he knew about project and will try and come to the open house.
9/9/2024	Robert Flora	Email Outgoing	Outreach		SRP/KP Environmental emailed project postcard.
9/9/2024	Ryan Manteuffel	Email incoming	East side Route	I am part of the ownership group for LAVEEN PARK PLACE APTS LLC, parcel 300-02-927C. Sherri w/ Empire Group forwarded me the below message, I was unaware of the proposed SMT Project. In reading through the website, I would have concerns with the proposed route on the western boundaries of my property. We are fully designed and permitted for a 540-unit apartment complex. As part of that design, we have residential buildings 10' off the western property line and an 85' Cell tower 25' off the western property line. We do not have any excess land to provide an easement……..therefore we support the other corridor alternatives.	Thank you for reaching out to us. I'm apologize for the delay in responding. SRP has mailed to customers and landowners in the area, but it's hard to tell if it will reach owners in a timely basis. We reached out to Ron Watson who said he would forward our email to Ron Emes. I have not heard from Ron Emes yet, but we have been trying to reach owners in the area. We would appreciate meeting with you this week if you have time. Please let me know of dates and time that work for you, and I can send a Teams meeting out.
9/9/2024	Laveen Village Planning Committee	Meeting	Phase 2 Project Update	SRP avoid lines near pre-established residential communities, lines near future schools and avoid conveyance channel (two lines was significantly opposed to). They supported hugging the Loop 202 on both east and west side, but did not like that the east route had to connect to the channel. Overall support the need of the new infrastructure to support new development in the area.	SRP also presented the latest route updates to the Laveen Village Planning Committee (LVPC). They preferred SRP avoid lines near pre-established residential communities, lines near the future school located west of the Loop 202. Lastly, they asked SRP to avoid the conveyance channel and that two routes on the channel are too much. In the south routing area, they were supportive of hugging the Loop 202 on the west and east routes; however, they did not like that the east route had to connect to the channel. Overall, the LVPC are supportive of the need for new infrastructure to support new development in the area. Questions were related to underground, substation size, health, safety of lines, why two 230 kV lines are needed and timeline of project.
9/9/2024	Matthew Melendez	Web Site Comment	Underground/View	This project looks like a disaster for our community. While we support additional power to this growing community, we heavily disagree with the power lines. We do not want obstruction of views of the Estrella Mountains and we do not want the eye sore of these transmission lines to negatively impact our property values. We would support that these lines go underground. We would like to hear alternative solutions for this project.	Mr. Melendez, Thank you for taking the time to submit a comment to SRP on the SMT project. We have logged your comments, and it will be included in our CEC application. With most transmission project, we do get this request for undergrounding of lines. SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances; however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. Hope this background helps. Please continue to visit the project website for updates. If you have any questions on the project, please reach out anytime. Thank you, Sam
9/9/2024	Anna Tovar	Briefing			
9/10/2024	Becker Boards Small LLC	Phone call outgoing	Outreach		SRP (S. Horgen) spoke with ED, emailed Dow Terry, Operations Director about project.
9/10/2024	Bobby Gerardo	Phone call outgoing			Left VM to inform him of the project and invite to the open house.
9/10/2024	Jeffrey Bruining	Phone call outgoing			Spoke with Jeffrey informed him of the project (he was aware) and invited him to the open house. He will try to attend and enter comments online. He does not want the route on 63rd Ave.

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/10/2024	Linda Abegg	Email Incoming	202 West Alignment	Two more things 😊 1. I'm getting questions on if the ice cream is free from the ice cream truck. Can you let me know? 2. South of Dobbins on the East side of the 202 is a big shopping center. Would the new proposal eat into that or would it be completely in ADOT land? Thank you, Linda	Hi Linda, Yes, the ice cream from the ice cream truck will be free to those in attendance. The route we are considering east of the Loop 202 would require the transmission line to remain in ADOT right all the way up to the LACC. Rick
9/10/2024	Maria Moyoroque	Phone call outgoing			Left VM inform her of the project and inviting her to the open house.
9/10/2024	Sam Chan	Phone call outgoing			Left VM informing him about the project and inviting to the open house.
9/10/2024	Sandra Kennedy	Email Outgoing	SMT Slide	At September 10th Open House, Sandra requested a copy of one of the Purpose and Need slides that was on the City of Phoenix website. Sandra was not supportive of the purpose route in the north routing area.	Kenda Pollio sent that slide to Sandra following the Open House.
9/10/2024	Shalleia Jacobs	Phone call outgoing			Spoke with Shalleia, informed her of the project and invited her to the open house.
9/10/2024	Victory Ezenwaka	Phone call outgoing			Spoke with Victory and informed him of the project (he was aware) of the project and invited him to the open house. Kenda On 9/10 Kenda emailed project information, 8/15 open house and most current map of routes for consideration.
9/10/2024	Zack Pebler	Email outgoing	Requesting owner info	Responded on 9/11 Hi Samantha, I represent Tony Singh. I have CC'd him here. I will take lead on all Easement Agreements. Tony Singh 623-764-3057 tony@mangatgroup.com You will enjoy working with him as much as I have. Thanks, Zack	S Horgen reached out to see if Zack can connect SRP with the owner, Tony Singh.
9/10/2024	Kimberly Melo	Web Site Comment		I've been made aware there are a few options for the transmission line. Please consider keeping the line east of the high 202 and away from residential areas and school.	
9/10/2024	Kimberly Melo	Web Site Comment		I've been made aware there are a few options for the transmission line. Please consider keeping the line east of the high 202 and away from residential areas and school.	
9/10/2024	Andrea Esposito	Phone call outgoing	Meeting Request/Invite to OH	Leasing some apartments now, but not fully done with construction. Andrea will send this to Angela who is the VP of Development.	S. Horgen spoke with Andrea about project. Emailed SMT project scope. Shared 8/15 postcard and latest route map for consideration. Invited to OH and offered SRP meeting to discuss project, take feedback. Shared they are adjacent to a proposed route.
9/10/2024	Maria Bettinger	Web Site Comment		Will the community have access to the CEC once complete/obtained? My house is located along the existing 69kv lines and therefor, option 1, 2, or 3 is ideal. My concern is for sleep disruption when living near high voltage lines and for decrease of property value, as some still believe high voltage power lines bring on increased medical risks. I look forward to updates as the project progresses.	Ms. Bettinger, Thank you for submitting a comment to the project website. Yes, the CEC will be made public on our project website srp.net/smt. If approved, it would likely be posted by the end of January. You mentioned that you support 1, 2, or 3. Are you referring to S1, S2 & S3 or N1, N2, N3? We understand that your medical risk comment may be referring to the Electric and Magnetic Fields (EMF). SRP has published a website with a great deal of useful information regarding EMF such as scientific research, sources of EMF, and EMF exposure guidelines. Many of our customers have found answers to their questions about EMF from this website. https://srpnet.com/electric/emf.aspx All your other comments will be logged with the project. Thank you for your time. If you have any further questions, please reach out anytime. Thanks, Sam

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/10/2024	Jose Arcadio Reza Martinez	Phone call outgoing	Outreach		SRP (S. Horgen) left voicemail for customer, emailed postcard with project details, also invited customer to Open House meeting on 9/10.
9/12/2024	Tony Singh	Email Outgoing	Meeting Request		My name is Samantha Horgen, and I am working as the public outreach lead for the project. As you may know, we met with Zach in June regarding the SMT project. I'm reaching out to you since routes near your parcel 104-86-018, Baseline Road LLC remain on the map as a proposed routes. Attached is the postcard that was mailed to customers and landowners on 8/15/24. It was also emailed to Zach on 8/15/24. Following that postcard, we updated the map with crossing options over the 202 and added a 202-east route. This updated map was emailed on 9/3/24 and posted to the project website. The document included in this email, "SMT Emails 2 for Phase 2" is the most current route options we are considering. Each line route on the map, represent one transmission line. Ultimately, SRP needs two new overhead double-circuit 230 kV transmission lines, and SRP also plans to build a new 500/230/69 kV substation. There is also less than 1 mile of two new overhead 500 kV transmission lines. SRP is seeking feedback from the public and stakeholders in the area. You can provide your feedback to us in the meeting, email me your comments or provide feedback on the comment form on the project website srp.net/smt. SRP would like to meet with you to review the proposed routes, public process, and timelines for the project, as well as confirm the proposed development you have for the property. Are you available next week? If so, please send us date and time options. and Rick Hernandez and I, Project Manager will work to accommodate one you offer. We look forward to hearing from you soon.
9/12/2024	Sherri Koshiol	Email outgoing	Meeting Request	Support any routes west of 202. currently constructing the Village at Carver Mountain build to rent project--immediately north of the operating PB Bell multifamily community. Property is adjacent to route S4 and land is under construction with residential mulitfamily BTR. Will not be able to dedicate any easement area so line will need to be in ADOT R/W.	Hi Sherri, Hope you are doing well. I think I saw you on the virtual open house last week, thanks for joining us. Did you have any additional questions? SRP would still be very interested in meeting with the owner to share project information, describe the siting process and project timeline. We would also like to hear the latest information on development plans for the parcel there. My understanding is the parcel is owned by the Village at Carver Mountain LLC will be single family rentals. Do we have that correct? Look forward to hearing from you. Thank you, Sam
9/13/2024	ALDI (Laveen Village)	Phone call outgoing	Project info		ALDI does not allow for calls or emails. Someone will have to speak to the manager in person
9/13/2024	Aspen Dental Laveen Park Place Shopping Center	Phonecall outgoing	Project info		Left VM and sent follow up email
9/13/2024	Atletico Physical Therapy (Laveen Village)	Phonecall outgoing	Project info		Spoke with Brain, office mgr who requested an email with info. Sent email with map and contact info
9/13/2024	AutoZone Auto Parts (Laveen Village)	Phonecall outgoing	Project info		Employee said "not interested" and hung up
9/13/2024	Bank Of America Laveen Ranch Marketplace	Phone call outgoing	Project info		Spoke with Erik, with Litwin Management. He read email with the project info and map and was not concerned with the routes.
9/13/2024	Big O Tires (Laveen Village)	Phone call outgoing	Project info		Spoke to manager Dave-listened to my explanation of the project and said thank you.
9/13/2024	Bosa Donuts Coffee & Smotthie (Laveen Village)	Phone call outgoing	Project info		Left VM an send follow-up email
9/13/2024	Brakes Plus (Laveen Village)	Phonecall outgoing	Project info		Spoke to Manager and gave information
9/13/2024	Bright Now! Dental & Orthodontics	Phonecall Outgoing	Project Info		Gave information to caller, receptionist and gave number to call back
9/13/2024	Bubbles Nails Spa (Laveen Village)	Phonecall outgoing	Project info		Provided employee who answered phone with project info and website

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9/13/2024	Children's Learning Adventure (Laveen Village)	Phone call outgoing	Project info		Spoke to employee and provide provided information on the project, provided website for SRP. She said best to call on Mondays and ask for Director.
9/13/2024	Classic Barbers LLC (Laveen Village)	Phonecall outgoing	Project info		Spoke to female manager and provided her with the website address for info on the project
9/13/2024	Cobblestone Auto Spa (Laveen Village)	Phone call outgoing	Project info		No answer- left detailed info on VM including website address and my contact info
9/13/2024	Colt Tire (Laveen Village)	Phonecall Outgoing	Project info		Left info on VM including website address and KPE contact number.
9/13/2024	Denny's Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left VM and sent follow up email
9/13/2024	Dollar Self Storage (Laveen Village)	Phonecall outgoing	Project info		Called Lilly @ the corporate number provided by the local office - left detailed info on website and left my contact info
9/13/2024	Extra Space Storage (Laveen Village)	Phone call outgoing	Project info		No answer but sent follow up email
9/13/2024	Firestone Complete Auto Care Laveen Ranch Marketplace	Phonecall Outgoing	Project Info		Spoke with Erik, with Litwin Management. He read email with the project info and map and was not concerned with the routes.
9/13/2024	Frederico's Mexican Food (Laveen Village)	Phone call outgoing	Project info		No answer, VM not set up
9/13/2024	Free Light Drive Thru	Phonecall outgoing	Project info		Seasonal holiday lights attraction. No contact info and not open for season.
9/13/2024	Ja Ramen Laveen	Phone call outgoing	Project info		left VM and provided website and contact info on project
9/13/2024	Jack In The Box Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left VM sent follow-up email
9/13/2024	Laveen Auto Works (Laveen Village)	Phone call outgoing	Project info		Spoke to Miguel and gave project info on website and contact info and sent email.
9/13/2024	Laveen Modern Dentistry Laveen Ranch Marketplace	Phonecall Outgoing	Project Info		Spoke to Erik and he read the email with the info and the map is not concerned with routes.
9/13/2024	Marco's Pizza Laveen Park Place Shopping Center	Phonecall Outgoing	Project info		Left VM and sent follow up email
9/13/2024	Massage Envy (Laveen Village)	Phone call outgoing	Project info		Gave info and my number to call back with questions.
9/13/2024	Michael's Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left VM and sent follow-up email
9/13/2024	MOD Pizza Laveen Park Place Shopping Center	Phonecall Outgoing	Project info		Left voicemail and sent follow up email
9/13/2024	Mr. Pickle's Sandwhich Shop (Laveen Village)	Phone call outgoing	Project info		Spoke to employee who provided email for operations mgr-sent email to that person.
9/13/2024	NextCare Urgent Care Laveen Park Place Shopping Center	Phonecall Outgoing	Project info		Left VM and sent follow up email
9/13/2024	Nothing Bundt Cakes (Laveen Village)	Phone call outgoing	Project info		Gave info and contact number to call back with questions.
9/13/2024	O'Reilly Auto Parts (Laveen Village)	Phone call outgoing	Project info		Employee answered and hung up on me after I said what I was calling about
9/13/2024	Quicktrip (Laveen Village)	Phonecall outgoing	Project info		Gave project info and number to call back with questions
9/13/2024	R D Recycling & Sales (Laveen Village)	Phonecall outgoing	Project info		Number rang, no VM option. Only number found online.
9/13/2024	Raising Canes (Laveen Village)	Phone call outgoing	Project info		Nobody answered the phone.
9/13/2024	Robeks Fresh Juices & Smoothies (Laveen Village)	Phone call outgoing	Project info		Gave project info and number to call back with questions
9/13/2024	Safeway Laveen Ranch Marketplace	Phone call outgoing	Project info		Spoke to Erik, Litwin Management and he read the email with the info and the map and is not concerned with the routes.
9/13/2024	Shell Gas Station (Laveen Village)	Phone call outgoing	Project info		No answer, left detailed info on VM including website address and contact info

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9/13/2024	Sleep Number (Laveen Village)	Phonecall Outgoing	Project info		Infor on VM including website address and contact info
9/13/2024	Sonic Drive-In Laveen Ranch Marketplace	Phone call outgoing	Project info		Spoke to Erik and he read the email with the info and the map and is not concerned with the routes.
9/13/2024	Sprouts Farmers Market Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left VM and sent follow up email
9/13/2024	Starbucks Laveen Park Place Shopping Center	Phonecall Outgoing	Project info		Left VM and sent follow up email
9/13/2024	The Habit Burger Grill (Laveen Village)	Phone call outgoing	Project info		Not able to reach person by phone or leave message. Sent info using their corporate link.
9/13/2024	The Spurr Lounge (Laveen Village)	Phone call outgoing	Project info		No ability to leave VM. Not open, try calling in evening.
9/13/2024	The UPS Store Laveen Ranch Marketplace	Phone call outgoing	Project info		Spoke with Erik, with Litwin Management. He read email with the project info and map and was not concerned with the routes.
9/13/2024	TJ Maxx Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left VM and sent follow up email
9/13/2024	USPS (Laveen Village)	Phone call outgoing	Project info		unable to reach a person by phone- this is a government general line
9/13/2024	Valvoline Instant Oil Change (Laveen Village)	Phone call outgoing	Project info		Spoke with Manager and gave project info
9/13/2024	Visionworks Doctor of Optometry (Laveen Village)	Phone call outgoing	Project info		Spoke with Manager and gave project information.
9/13/2024	Whataburger (Laveen Village)	Phonecall outgoing	Project info		Spoke with Manager and gave project info
9/13/2024	Whispering Tree Ranch (Laveen Village)	Phonecall outgoing	Project Info		Called, no answer-left detailed project info on VM including website address and my contact info.
9/13/2024	Yogi's Grill Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left VM and sent follow-up email.
9/13/2024	Sherri Koshiol	Meeting	Project Review	Attendees: Sherri Koshiol *Owner is out of the country, so she is sitting in for him. She will provide address for owner for future any mailed corresondence. Under construction, not leasing. 267 units Own and manage it currently Understands the need for the project and need Attended virtual open house on 9/5 Has not room for an easement on property Supports all west side route options Does not want poles near residential properties How does SRP get under the freeway? Why SRP can't be on the inside of the retention basin instead of farther away from the freeway? Spacing and height of poles?	Attendees: Rick Hernandez Sam Horgen Reviewed project routes Discussed staying away from inside of freeway due to potential of ADOT expanding freeway Consultant is working on study on ADOT ROW in retention basin. Upcoming Line Siting Committee hearing then discussed ACC Open Meeting for final approval, deny or modification Need two in south area and two in north area All lines will be overhead
9/14/2024	MJ Abbott	Email outgoing	Meeting request		Trying to locate owner, emailed email we found to MJ Abbott. Emailed requesting contact for owner and meeting request to brief on project.
9/14/2024	Michael Trueman	Email outgoing	Follow-up on meeting request		Email sent to follow up meeting request with DRH Energy Inc, Parcel 300-02-939. Shared upcoming Open House opportunity for feedback to SRP.
9/14/2024	Tonya Aksamentora	Phone call outgoing	Request for contact/meeting		Left message to request contact and meeting with DRH Energy Inc.
9/14/2024	Prime IV Hydration & Wellness (Laveen Village)	Phone call outgoing	Project info		No answer-left detailed info on VM including website address and contact info.
9/14/2024	Verizon Business Services Laveen Park Place Shopping Center	Phone call outgoing	Project info		Left voicemail and sent follow up email
9/15/2024	Wrenches N Ratchets Mobile Garage LLC (Laveen Village)	Phone call outgoing	Project info		KPE Spoke to owner and gave project info.

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9/16/2024	MJ Abbott	Email incoming	Contact for DRH Energy	Good morning Samantha, I believe this is our commercial division called DHI Communities property. I cc'd Anne above who is the VP of Operations for the division. Hi Anne, Please see email below about future transmission lines going near the community below Thanks, Michael	SRP will connect with Anne.
9/16/2024	ACC Staff	Briefing	Round 2 Briefings		Reviewed purpose and need, project details, timeline and overview of public engagement
9/16/2024	Liv South Mountain LLC	Phone call outgoing	Project info/Meeting request		Left VM on general line. Tried to locate laveen property on their website but could only find one in Gilbert, PAD 20, Parcel 300-02-031E
9/16/2024	Isola Elliot LLC	Phone call outgoing	Project info/Meeting request		Was transferred to "Kevin" but got his VM. Left name and contact info and brief overview of project.
9/16/2024	RI East County Tempe LLC/RI Glendwood Lofts Tempe LLC	Phone call outgoing	Project info/Meeting request		Left VM with info on project and my contact info
9/16/2024	Acero Laveen LLC/IDM Longview LLC/TPC Management Group LLC	Phone call outgoing	Project info/Meeting request		Spoke with Rick Bray. He has been in contact with Karla Moran and Shaurndra from SRP abou the project and is fine with all proposed routes.
9/16/2024	Cold Springs LLC/Vestar	Phone call outgoing	Project info/Meeting request		Vestar number. Left message on property management service number with project info and contact number.
9/16/2024	Laveen Park Place	Phone call outgoing	Project info/Meeting request		Paul Lepka with Eagle commercial is point of contact for all businesses in Laveen complex, spoke to her in May and sent email on 9/13
9/16/2024	Laveen Market Place Phase 1/ Tradewind Capital	Phone call outgoing	Project info/Meeting request		Paul Lepka with Eagle commercial is point of contact for all businesses in Laveen complex, spoke to her in May and sent email on 9/13
9/16/2024	Holt William G TR/Olsen Kristina Michelle TR	Phone call outgoing	Project info/Meeting request		Call all three phone numbers was only able to leave VM on x5393 one. Left info on project and contact info.
9/16/2024	Hold William D	Phone call outgoing	Project info/Meeting request		Unable to leave messages on phone numbers researched.
9/16/2024	Laveen Spectrum LLC	Phone call outgoing	Project info/Meeting request		Left VM, name sounded like Ian Conia, provided details of project and contac info.
9/16/2024	59 Dobbins LLC	Phone call outgoing	Project info/Meeting request		Spoke with Scott Ward in May and on 9/13 about the project and emailed him, Left a message with project info and contact information
9/16/2024	Stephanie Hurd	Website Comment	Routes	City of Phoenix Economic Development was there too and are in talks with SRP conveying the strong developer concerns as well. We knew it wasn't going to be good for this area but we didn't find out how detrimental it would be until after that LVPC meeting on September 9th. So unfortunately, it was less than 24 hours before the last SRP outreach meeting. If we had known that early on we would have pushed for more changes before now.	Hi Stephanie, I received your comment, thank you. I want to assure you that members of our project team review and record all comments. Your comment will be included in our CEC application. Thank you.
9/16/2024	Kristi McCann	Website Comment	Routes	Routes S1 and S2. Alternatively, extend S1 to South Mountain Ave, the go East. N1 and N2 for northern portion	Ms. McCann, thank you for submitting your comment. Your comment will be shared with the project team and logged in the Application we file. If you have any further questions, please feel free to reach out anytime.
9/16/2024	Anne Healy-DR Horton-DRH Energy	Email incoming	Project info/Contact verified		Anne confirmed she is the correct contact for DRH Energy Inc , DR Horton
9/17/2024	Diana Ebertshauser-McClellan Ranch HOA	Phone call & Email	Routes/Meeting request/Project info		Left message and emailed to offer SRP meeting to community.
9/17/2024	Sheila Griffin-Dawnson	Website Comment	Underground/View	I want the underground option to preserve the view, and avoid urban visual blight.	Thank you for taking the time to submit a comment to our website. In reference to undergrounding, SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding.

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9/17/2024	Theresa Bittner	Website Comment	EMF/Underground	We are in the new lead developed McClellan Ranch off Dobbins. We purchased our property here because it is on the outskirts and does not have powerlines above ground. If you insist on doing this project, please do all lines underground as much as possible. The exposure to these powerlines is dangerous to people. You should know that by now.	
9/17/2024	Lee Taylor	Website Comment	Underground/View	We do not want huge, visible power lines blocking Laveen's view of the Estrella and South Mountains. We want underground lines. Please be aware that nobody in Laveen wants to live next to these gigantic power lines.	Thank you Lindsay for submitting a comment to the website. Since you reference undergrounding wanted to share that SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. Your comment will be shared with our project team and logged. Thank you.
9/17/2024	Jim O'Connor & policy advisor	Briefing	Round 2 Briefings		Shared slide deck with purpose and need, project details, timeline and overview of public engagement
9/17/2024	Nick Myers & policy advisor	Briefing	Round 2 Briefings		Shared slide deck with purpose and need, project details, timeline and overview of public engagement
9/17/2024	Shawn Nurse-Avalon Village	Phone call outgoing	Question/Concerns/Meeting Request		Left VM asking if there have been any questions or concerns from community. Offered meeting with SRP on project. Is he continuing to share our postecard with the community?
9/17/2024	Lindsay Bateman	Website Comment	Undergound/View	Please keep the power lines underground as much as possible. We have sooo many tall lines, itâ impacting our beautiful Mountain Viewâ	Thank you Lee for submitting a comment to the website. Since you reference undergrounding, which I have received from others, wanted to share that SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. Your comment will be shared with our project team and logged in our application. Thank you.
9/17/2024	Keyla Moreno	Website Comment	Underground/View	Hello, I have reviewed the proposed plan and would like to suggest something along the lines of what Chandler recently approved which was the underground project. This would be a much better plan as the mountain view along the 2020 is beautiful and we would like to preserve that here in Laveen. If your powerlines go up, they will be visible and pollute the view of the mountain. Not only am I concerned about that but all of the graffiti that could end up on those poles. Please consider adding the underground option as we already have enough going on here in Laveen with all of the new constructure and billboards. We don't mind growth. But we would like to see options that will make our community look nicer and less busy.	Thank you for taking the time to submit a comment to our website. All comments are shared with our team, logged and added into our application. Since you referenced the suggestion of underground, I wanted to share with you that SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. In the case of the High-tech Interconnect Project (HIP) in Chandler, SRP worked with the City to meet the City's preference to underground part of the transmission line, but the City paid for the incremental or additional cost of the underground. I hope this is helpful. If you have any questions, please feel free to reach out anytime. Please continue to check our website for progress of this project.
			SRP Parcel/Land purchased/Board	Recently learned of SRP's acquisition of an additional 15+ acre parcel (APN: 300-02-041A) from a later sale in May 2024 recorded in Deed # 20240281579. Why was this additional acreage not disclosed to the public during the community open house held in June? What are SRP's plans for this additional parcel, separate from the larger 93 acres purchased in April? If my numbers are correct, the additional parcel brings the total acreage to 112.5 acres, totaling 4,900,533 square feet of land. This is a lot of land for an area seeking to build a "Tech Corridor." Don't you feel that acquiring such a large amount of land hinders the City of Phoenix from effectively marketing the area to potential high-wage technology employers? I also find it extremely curious that SRP is proposing the new transmission lines directly about the properties of two sitting members of SRP's Board and Council:	Thank you for submitting your comment and feedback on the proposed routes to our website. I believe your comment/questions were the same as another member who reached out to me, so responses will be the same. Your comments and this response will be included the application that SRP submits to the Arizona Corporation Commission and provided to the Arizona Power Plant and Transmission Line Siting Committee (Line Siting Committee) for a siting hearing. Below we respond to several of your specific comments and questions. In addition, with respect to your comments about potentially impacted future developments (Banner Medical Center, elementary school, etc.), SRP is actively engaged in discussions with the developers of those projects, as well as other developers and landowners in the area, to discuss the proposed project. 1. Why didn't SRP disclose the additional acreage in parcel APN: 300-03-041A to the public during the community open house held in June? During open houses, SRP focuses on the proposed components of the project, which include the new transmission lines and substation. As depicted in the display board/maps shared during the open houses, SRP proposed up to two transmission lines across this parcel. 2. What are SRP's plans for this additional parcel? As indicated in the response to the first question and as shown on the route map, SRP is proposing up to two transmission lines on this parcel.

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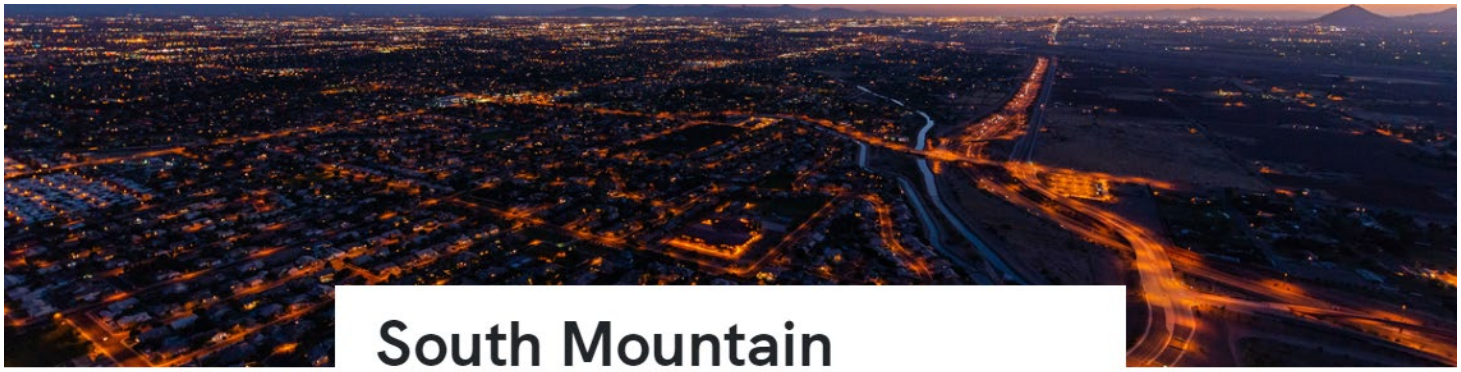
9/17/2024	Shenna Babers	Website Comment	purchased/Board and Council owning property/EMF	John (Wes) Lines and Stephen Williams. Both families own properties on both sides of Loop 202 and about all routes proposed. This raises serious concerns over Conflicts of Interest and the optics of potential self-dealing or using one's position to gain project approval and expedite the process, especially if there is any opposition. I oppose the proposed routes as the required right of way for the lines significantly impairs already approved development plans within the Laveen Village Core. This could also potentially impact the proposed Banner Medical Center at SWC of Loop 202 & Baseline, Residential Development south of that, and the Crossing at Dobbins PUD, owned by the Lines Family (by and through their related entities and trusts). The Williams property is immediately adjacent. Moreover, there is a planned elementary school between 63rd Ave and the Freeway; if both the high-power transmission lines and the school are built, the long-term health of the students and faculty could be adversely impacted.	3. Does the acquisition of such a large amount of land hinder City of Phoenix from effectively marketing the area to potentially high wage technology employers? No, this purchase will not adversely impact the City of Phoenix plans but will provide SRP with the space for needed transmission to support the growth in the area. SRP has been collaborating with the City of Phoenix to bring opportunities for future development into the Laveen area. This property purchase will provide SRP with enough space to construct up to two overhead 230kV lines and potentially up to three overhead 69kV lines. These overhead transmission lines will act as the backbone for the SRP transmission system in the area and will provide adequate power for planned development, including new high-paying job sectors not currently present in the Laveen area. 4. Are there any specific concerns raised by SRP Board and Council members owning land in the area of the project? One of SRP's goals during any siting project is to identify all landowners who own property adjacent to or near the proposed project, understand their planned development, evaluate how our project might impact them, and minimize impact when possible. SRP's outreach process is consistent regardless of the property owner, including when a Board and Council member's property is involved. All feedback from the community is taken into consideration and is presented to the Arizona Line Siting Committee as a part of the CEC application. This approach, which focuses on valuing all feedback equally, mitigates the potential for self-dealing in a siting proceedings. Your comment was also referenced long-term health effects and that is usually referring to the Electric and Magnetic Fields (EMF). SRP has published a website with a great deal of useful information regarding EMFs such as scientific research, sources of EMF, and EMF exposure guidelines. Many of our customers have found answers to their questions about EMF from this website. http://www.srpnet.com/electric/emf.aspx. I hope this is helpful. Thank you for taking the time to reach out to us. Please let me know if you have any additional questions, or if there is anything I may have missed.
9/17/2024	Richard Escoto	Website Comment	Underground/Safety	First, would like to say that the project is welcomed infrastructure needed for future developments. However, we need these transmission lines to be placed underground to the greatest extent possible to minimize potential safety issues (fires, struck by), future development and aesthetic impacts in the area.	Thank you for taking the time to submit a comment to our website. All comments are shared with our project team, logged and filed with our application. I'm glad you agree the infrastructure is needed. Laveen is really growing fast. While I understand many want the lines underground, SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. I hope this background is helpful. Please let me know if you have any questions. Please also feel free to visit our website for updates.
9/17/2024	Mark Evans	Website Comment	Underground	I would like the transmission to be underground. Huge towers are ugly for our community.	Thank you for taking the time to submit a comment to our website. While I understand many want the lines underground, SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. I hope this background is helpful. Please let me know if you have any questions. Please also feel free to visit our website for updates.
9/17/2024	Shawn Gulstaf	Website Comment	Underground	I would like the power lines to be buried underground as much as possible. This is a beautiful developing community and these lines would totally ruin all views throughout the village. Why not engage with all the future tenants with NDAs to help finance the deal along with the developers and city of Phoenix. ie. City of Chandler, SRP and Intel	Ms. Gulstad, thank you for talking the time to submit a comment to our project website. I understand many prefer the lines to be underground, but SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. In the High-tech Interconnect Project, Chandler and Intel were willing to pay the differential in cost to underground portions of the transmission line. We do not have a third party willing to pay for the differential in cost to underground on this project. I hope this background and information is helpful. If you have any other questions, please reach out any time.
9/17/2024	Lisa Therrien	Website Comment	Underground	I'm writing to express my strong position on putting this/these transmission lines UNDERGROUND. I understand the need to increase the power in this area, but us residents did not get to have any say in the growth around us but saving our views, keeping those noisy, buzzing, horribly ugly lines from going in would be a blessing. I'm sure that as we continue to learn from California and PG&E's disastrous and deadly fires it is also safer to put as many electrical lines underground as possible. Please develop and implement an underground option. Thank you for your consideration.	Thank you for taking the time to submit a comment to our website. All comments are shared with our project team, logged and included in our application. Since you referenced underground, I thought I would share that SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. I hope this background is helpful. Please let me know if you have any questions. Please also feel free to visit our website for project updates.
9/18/2024	Jennifer Wiblishouser	Website Comment	Underground	I would like to see the lines buried. In the long run it may be less expensive. There are poles right outside my home and 2-3 times a year some are being replaced. Thinking of long term costs of maintenance	Thank you for taking the time to submit a comment to our website. You are correct, there is a significant additional cost for underground construction of 230 kV lines. SRP's construction standard for 230 kV power lines in to build them overhead, so in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the underground. I hope this background helps. If you have any questions, please reach out anytime. Please also feel free to visit our website for project updates.
9/18/2024	Lea Marquez Petersen & policy advisor	Briefing	Round 2 Briefings		Shared slide deck with purpose and need, project details, timeline and overview of public engagement

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/18/2024	Kevin Thompson & policy advisor	Briefing	Round 2 Briefings		Shared slide deck with purpose and need, project details, timeline and overview of public engagement
9/18/2024	Erik Olson	Website Comment	Underground	My feedback is regarding the overhead power lines that are being proposed in the south mountain Laveen area. I believe a plan to install these power lines should include placing them underground. I know doing so can be more costly but with the development of dobbins road and 59th ave, as well the other areas along the proposed our area, this could be a great opportunity for SRP to work with the city of phoenix and the developers to to work out a plan to make this happen. We are appreciative of SRP making an investment into the infrastructure of our community to help with the continued growth and development but that investment shouldnâ€™t cause other areas of the community to be harmed such as the aesthetics and our property values which can occur when you add overhead power lines within our community. This is the feeling of not only me but I would say the majority of Laveen based on the conversations Iâ€™ve had and feedback seen on this proposal. The city of Chandler recently was facing a similar proposal but the city and SRP were able to come to an agreement fund the deficit for under grounding the lines. We are hoping a similar agreement can be made with the city of Phoenix if the work can be put into making it happen. Thank you for your time and reading this feedback.	Mr. Olson, thank you for talking the time to submit a comment to our project website. I understand many prefer the lines to be underground, but SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. In the High-tech Interconnect Project, Chandler and Intel were willing to pay the differential in cost to underground portions of the transmission line. SRP does have a Municipal Aesthetics Program, and it was developed in response to municipal undergrounding ordinances. Municipalities can commit their allocated funds towards qualifying improvement costs of SRP power and water facilities. It is a proprietary program between SRP and municipalities within our service territory, so details regarding the program are not something we openly share. We do not have a third party willing to pay for the differential in cost to underground on this project. I hope this background helps. If you have any questions, please feel free to reach out anytime.
9/18/2024	Tony Singh-Baseline	Meeting	Project Review/Feedback	Attendees: Zachary Pebler Tony Singh Support the reason SRP needs this project. Zach represents planning, zoning and easements They previously said they are willing sellers of the property but would need to be compesated. They can be very accomodating to allow SRP to use thier property. Prefer all out sale of the property. Easement will shift full site plan. For 100-foot easement Tony would lose 52 units of 148 units. This would be detrimental to the development. Marciopa zoning is done, final site plan is approved, and engineering documents are 80% complete. Could get a grading permit in January 2025.	Attendees: Rick Hernandez Sam Horgen Discussed 100 foot easement per transmission line SRP hopes to use the ADOT ROW for maintenance of the line but those discussions are ongoing. Reviewed blue route and purpose route peontially impacting their parcel.
9/18/2024	Andrea Esposito	Email Outgoing	Meeting Request		Hi Ms. Esposito, I have not heard from Angela, but is there an owner for the Weylyn Apartments/Laveen Multifamily Owner LLC, parcel 300-02-940 that we can meet with to review the SMT project and understand the plans of your development?
9/18/2024	Ryan Manteuffel-Laveen Park Plac-Hawkins Place	Email Outgoing	Meeting Request	Sam, I could do tomorrow between 10:00 AM - 12:00 PM. Friday I could do between 10:00 AM - 1:00 PM. Ron Emes is our construction manager. I am one of the owners.	Hi Ryan, If you are avilable, we could make ourselves available tomorrow or Friday to review the project and have a better understanding of timing for your project. Our understanding is Ron Emes is the owner, so would it be possible for your to connect us with him as well.
9/19/2024	Shelly Witt	Website Comment	Underground	Lines must be underground. Not only are above ground lines aesthetically displeasing, it just makes more sense for long term fiscal maintenance. Poles and lines would not need to be replaced after a storm or microburst. Reduces EMF exposure as well. Our community of Laveen deserves better!	Thank you, Ms. Witt, for taking the time to submit a comment to the project website. SRP's construction standard for 230 kV power lines is to build them overhead, given the significant additional cost of underground construction. SRP can place lines underground in certain circumstances, however, in fairness to all SRP customers, the additional cost would need to be absorbed by the entity requesting the undergrounding. Please know your comment will be shared with our project team and logged in our application. Thank you.
9/19/2024	Ryan Manteuffel-Laveel Park Place, Hawkins Place	Meeting	Project Review/Feedback	Supports routes west of 202. He has all permits and are ready for construction. Concerns with cell towers that will be relocated to the west, adjacent to the ROW. He does not support east side, copper, S4 route. Will have attorney write in feedback on concerns for east route. Ryan has viewed the website.	Reviewed purpose and need, project details, timeline and overview of public engagement and opportunities to comment. Not incumbering any private property on Route4 (if selected) east ride route, it will be entirely in ADOT ROW.
9/19/2024	Anne Healy-DR Horton-DRH Energy	Incoming email	Meeting Request	Confirmed she is the proper contact for the parcel and not Roger Pryor	Meeting is scheduled for Tuesday 9/24 11:30
9/19/2024	Sott Moe	Outgoing email	Route		Sam asking if available for a quick meeting or phone call.
9/20/2024	Shawn Nurse- Avalon Village	Incoming email	Meeting Request	No issues or concerns from HOA, no need for meeting now, but if anything comes up, he will contact me.	Sam reviewed project benefit and need, scope and route closest to Avalon. Will also email latest map.
9/20/2024	Jeff Gordon- IDM	Meeting	Routes	Support s S1 or teal S2 route but only concern: North section of 65th and Dobbins has under construction, west end SEC of Dobbins and UFI building, 65th Manurfacturing food products Japanese. It's on fast track, want to avoid impacting so would be okay with transmission on his property to a point and then would request it move west of 65th.	9/19 Sam asked for a meeting to review routes. 9/20
9/20/2024	Scott Moe	Meeting	Route	Meeting with Scott Moe Supports hybrid approach where we stay east of property and then move to the west 65th. He will share an exhibit on what he is willing to support shortly	Attendees: Rick Hernandez and Sam Horgen. Reviewed route map discussed and route on 65th. Request a letter or email sharing what he would be willing to support along 65th

Interaction Date	Contact ID	Interaction Type ID	Issue Category	Comments	SRP Response
9/23/2024	Irene Martin	Website Comment	Underground	Requesting underground only in Laveen. Please do no obstruct our view of what little of nature we have left. Many of us count on our views for our mental health and wellbeing.	No email was provided, but will be noted for our application
9/24/2024	Anne Healy-DR Horton-DRH Energy	Meeting	Project Review/Feedback	Opposed to east route, S4 due to residential development Currently in construction, due to signficant fire they had west side will wait for construction thorugh next year, but they are working on the east side. All housing will be on the west side, not parking.	Attendees: Rick Hernandez & Sam Horgen Reviewed purpose and need, regulatory process, project scope and need of 2 transmission lines.

EXHIBIT J-4
WEBSITE

EXHIBIT J-4A
PHASE 1



South Mountain Transmission Project

SRP proposes new power infrastructure project to support planned and future growth and development in Laveen.

About the project

To support future growth and development in the Laveen area of Phoenix, SRP is proposing to build the South Mountain Transmission (SMT) Project. As part of this project, we have begun identifying options for transmission line routes to meet the needs of our customers and the community.

The SMT Project will require a new 500/230/69-kilovolt (kV) substation in Laveen, two sets of approximately 4 to 5 miles of new overhead double-circuit 230 kV transmission lines, and a half-mile of two new overhead 500 kV transmission lines.

Why is this project needed?

The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway, which may include a mix of land uses and development options, such as an industrial and tech park, hotel and resort, retail, hospitals, residential developments and new businesses to accommodate and attract high-wage jobs.

Additional electric transmission will be required to power this planned development, which is in SRP's service territory.

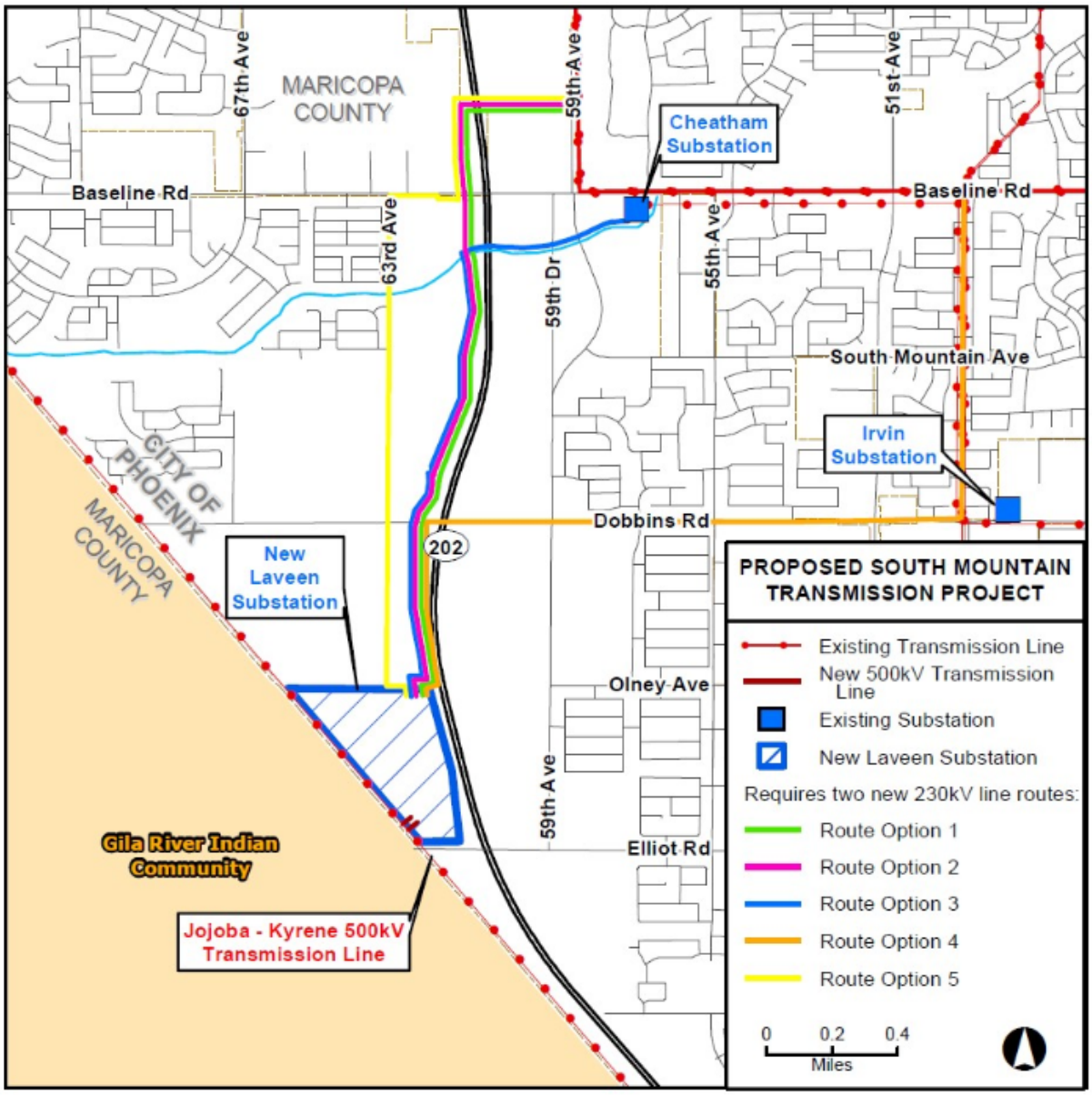
Project approval process and timeline

CEC requirements

SRP is preparing an application seeking a Certificate of Environmental Compatibility (CEC) to be filed with the Arizona Corporation Commission (ACC). The CEC process includes public hearings with the Arizona Power Plant and Transmission Line Siting Committee before seeking final approval from the ACC.

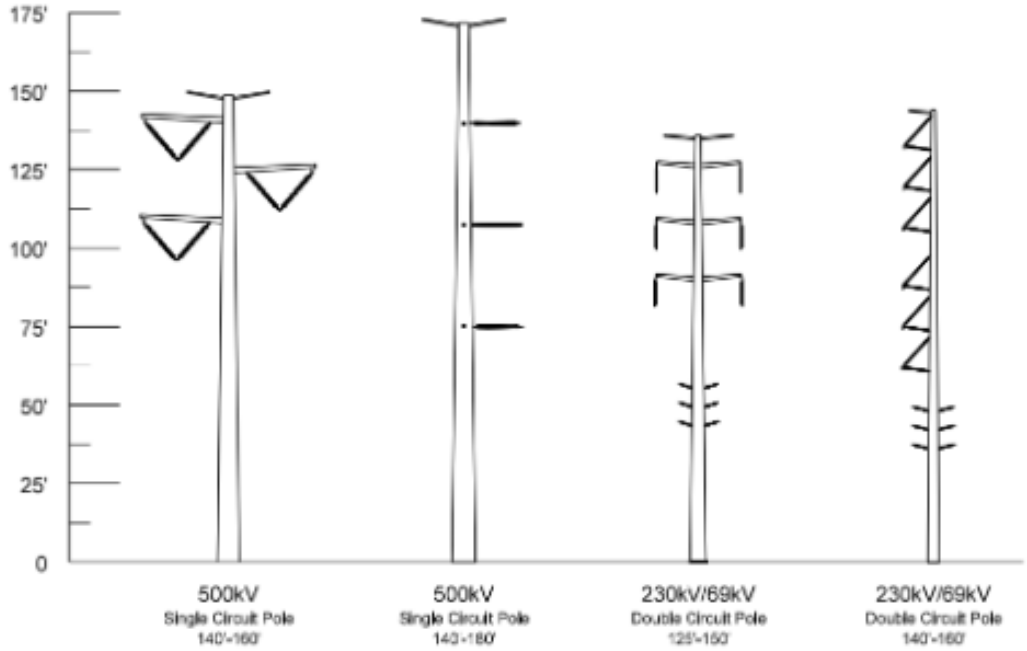
Project map

The map below identifies the route alternatives for the 230 kV lines, the location of the 500 kV transmission and new planned substation.



Transmission line structure types

Below are typical SRP transmission structure types. The structure types that will be used on this project are the 500kV 140'–160' and 230/69kV 120'–160' type structures.



Past events

DATE & TIME	EVENT	LOCATION
Thursday, May 30, 2024 Noon & 5:30 p.m.	Live online public open house meetings. View the presentation .	Online
Thursday, June 6, 2024 4:30–6:30 p.m.	In-person open house	Betty H. Fairfax High School 8225 S. 59th Ave., Laveen, AZ 85339

News archive

The latest project news and announcements will be added here when available.

Contact us

If you have questions about the project, please call **1-855-584-1484** or email 2872line@srpnet.com.

South Mountain Transmission Project Feedback Form

First Name | M.I. *(Optional)* | Last Name

Address

ZIP: | City: | State: AZ

Email required to receive project updates.

Email address *(Optional)*

Phone number *(Optional)*

Comments or Questions *(Optional)*

Submit

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Proyecto de Transmisión de South Mountain

Para apoyar las futuras oportunidades de desarrollo económico en el sur de Phoenix, SRP propone un nuevo proyecto de infraestructura de transmisión.

Acerca del proyecto

Para apoyar el futuro desarrollo económico de la zona de Laveen, en Phoenix, SRP construirá el Proyecto de Transmisión South Mountain (SMT). Como parte de este proyecto, hemos empezado a identificar opciones para las rutas de las líneas de transmisión que nos ayudarán a satisfacer las necesidades de nuestros clientes y de la comunidad.

El Proyecto SMT requerirá una nueva subestación de 500/230/69 kilovoltios (kV) en Laveen, dos conjuntos de aproximadamente 4 a 5 millas de nuevas líneas aéreas de transmisión de 230 kV de doble circuito, y media milla de dos nuevas líneas aéreas de transmisión de 500 kV.

¿Por qué es necesario este proyecto?

La ciudad de Phoenix está planificando el futuro desarrollo de Laveen a lo largo de la autopista South Mountain, que puede incluir una mezcla de usos del suelo y opciones de desarrollo, como un parque industrial y tecnológico, hoteles y complejos turísticos, comercios, hospitales, urbanizaciones y nuevas empresas para acomodar y atraer puestos de trabajo con salarios elevados en tecnología, biociencia, manufactura avanzada y servicios empresariales avanzados.

Será necesaria una transmisión eléctrica adicional para alimentar esta urbanización prevista, que se encuentra en el territorio de servicio de SRP. Estamos construyendo el Proyecto SMT porque apoyamos el desarrollo económico a largo plazo de las comunidades a las que servimos proporcionando energía fiable a nuestros clientes.

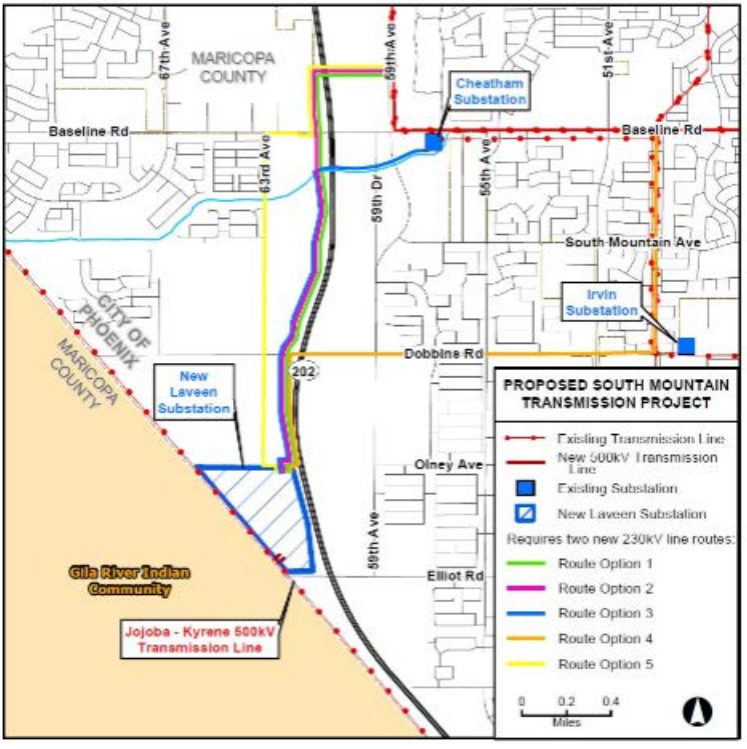
Proceso de aprobación del proyecto y calendario

Requisitos del Certificado de Compatibilidad Ambiental (CEC)

SRP está preparando una solicitud para obtener un Certificado de Compatibilidad Ambiental (conocido por sus siglas en inglés CEC) que se presentará ante la Comisión de Corporaciones de Arizona (ACC). El proceso de CCA incluye audiencias públicas con el Comité de Emplazamiento de Centrales Eléctricas y Líneas de Transmisión de Arizona antes de solicitar la aprobación final de la ACC.

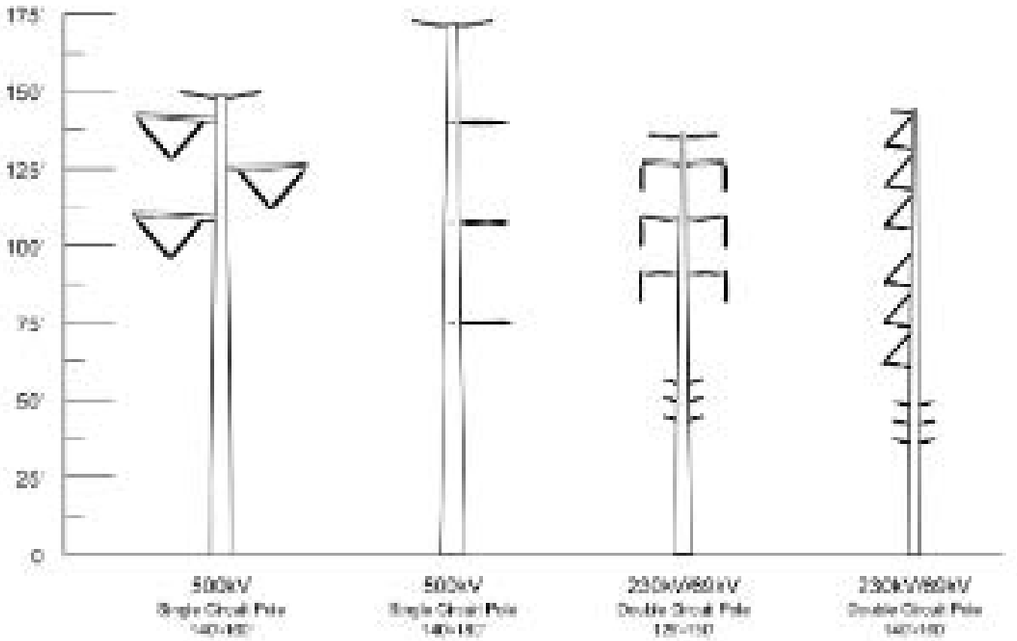
Mapa del proyecto

El siguiente mapa identifica las alternativas de trazado para las líneas de 230 kV, así como las ubicaciones propuestas para el bucle de entrada y la estación receptora de 500 kV.



Tipos de estructura de la línea de transmisión

A continuación, se indican los tipos de estructura de transmisión que se utilizarán para el proyecto.



Eventos pasados

FECHA Y HORA	EVENTO	LUGAR
Jueves, 30 de mayo de 2024 mediodía a 5:30 p.m.	Reuniones virtuales abiertas al público Presentación (en inglés) -	En línea
Jueves, 6 de junio de 2024 4:30–6:30 p.m.	Reuniones abiertas al público presenciales	Betty H. Fairfax High School 8225 S. 59th Ave., Laveen, AZ 85339

Archivo de noticias

Consulta a continuación las últimas noticias y anuncios del proyecto.

Contáctanos

Si tienes preguntas sobre el proyecto, ponte en contacto con nosotros o llama al **(602) 236-2872**.

Nombre | **Inicial** *(Opcional)* | **Apellido**

Dirección

Código postal: | **Ciudad:** | **Estado:** AZ

Para recibir actualizaciones del proyecto, es necesario el email.
Correo electrónico *(Opcional)*

Teléfono *(Opcional)*

Sugerencias o preguntas *(Opcional)*

Enviar

Contáctanos

Si tienes preguntas sobre el proyecto, llama al **(602) 236-2872** o envía un email a 2872line@srpnet.com.

AL PRINCIPIO

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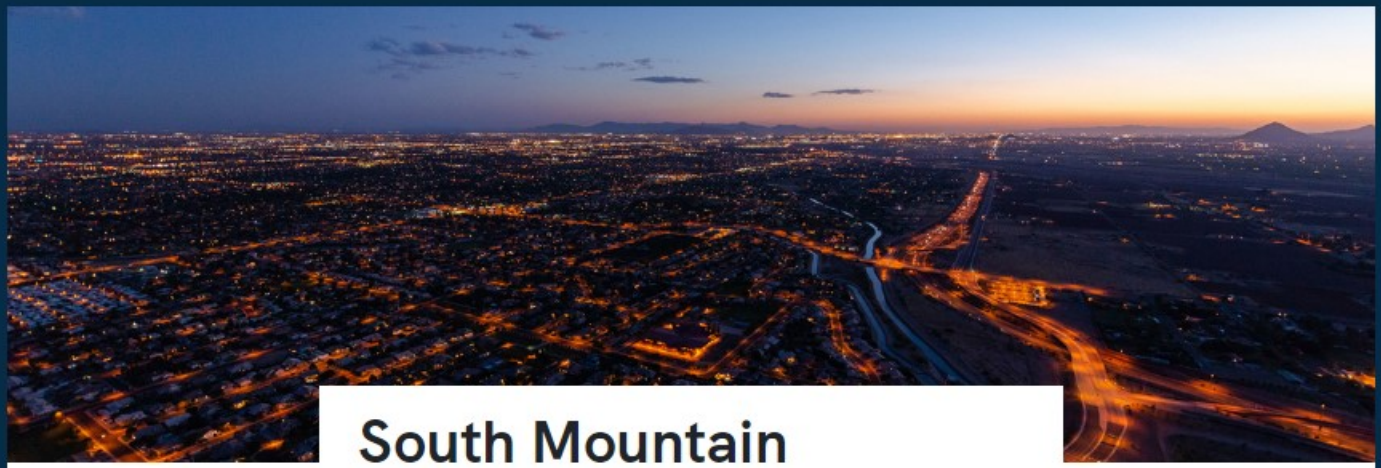
EXHIBIT J-4B
PHASE 2



South Mountain Transmission Project

SRP proposes new power infrastructure project to support planned and future growth and development in Laveen.

About the project

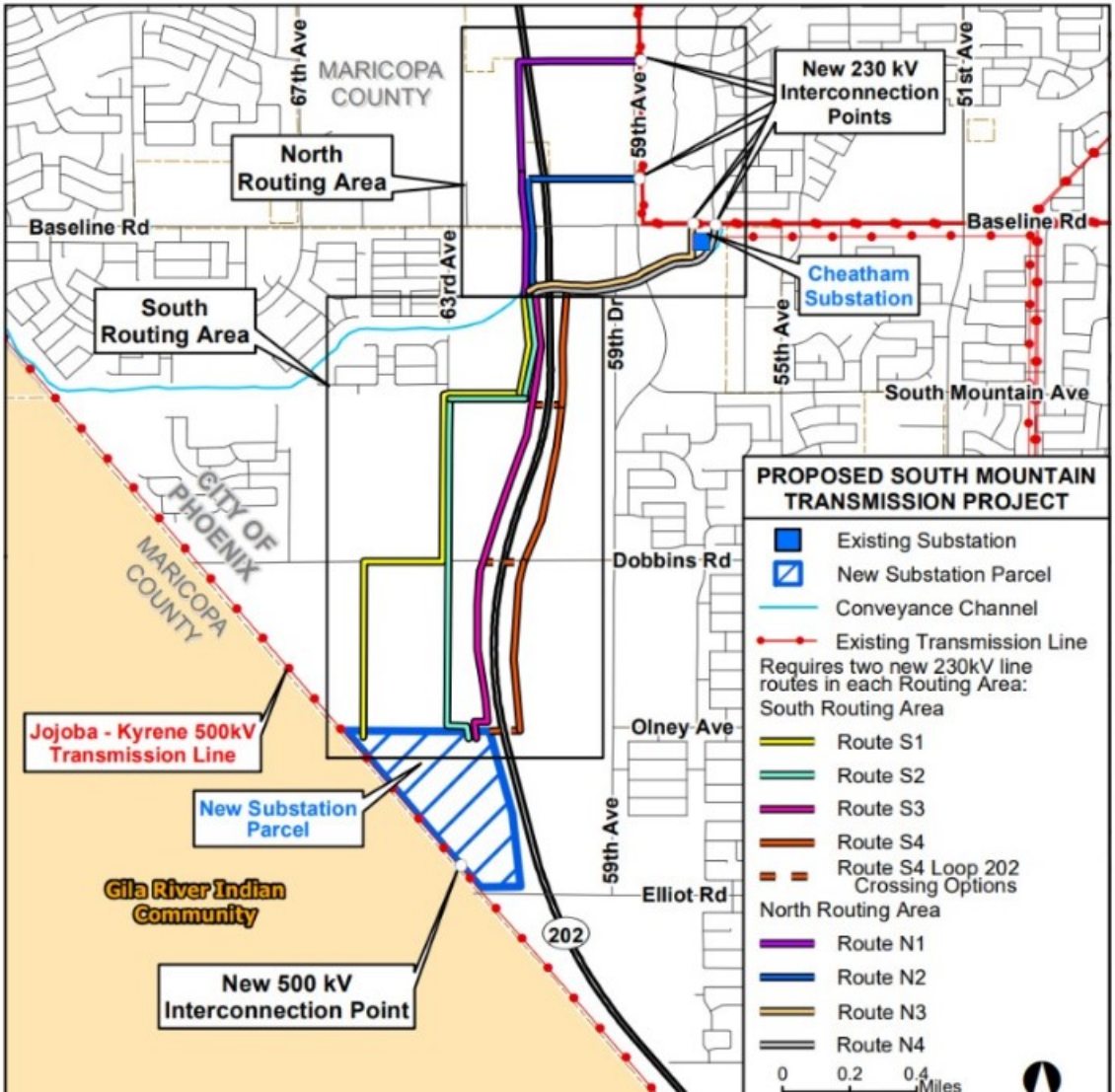
To support future growth and development in the Laveen area of Phoenix, SRP is proposing to build the South Mountain Transmission (SMT) Project. As part of this project, we have begun identifying options for transmission line routes to meet the needs of our customers and the community.

The SMT Project will require a new 500/230/69-kilovolt (kV) substation in Laveen, two new overhead double-circuit 230 kV transmission lines that will range in length from 2-3 miles depending on the selected route, and less than 1 mile of two new overhead 500 kV transmission lines.

Project maps

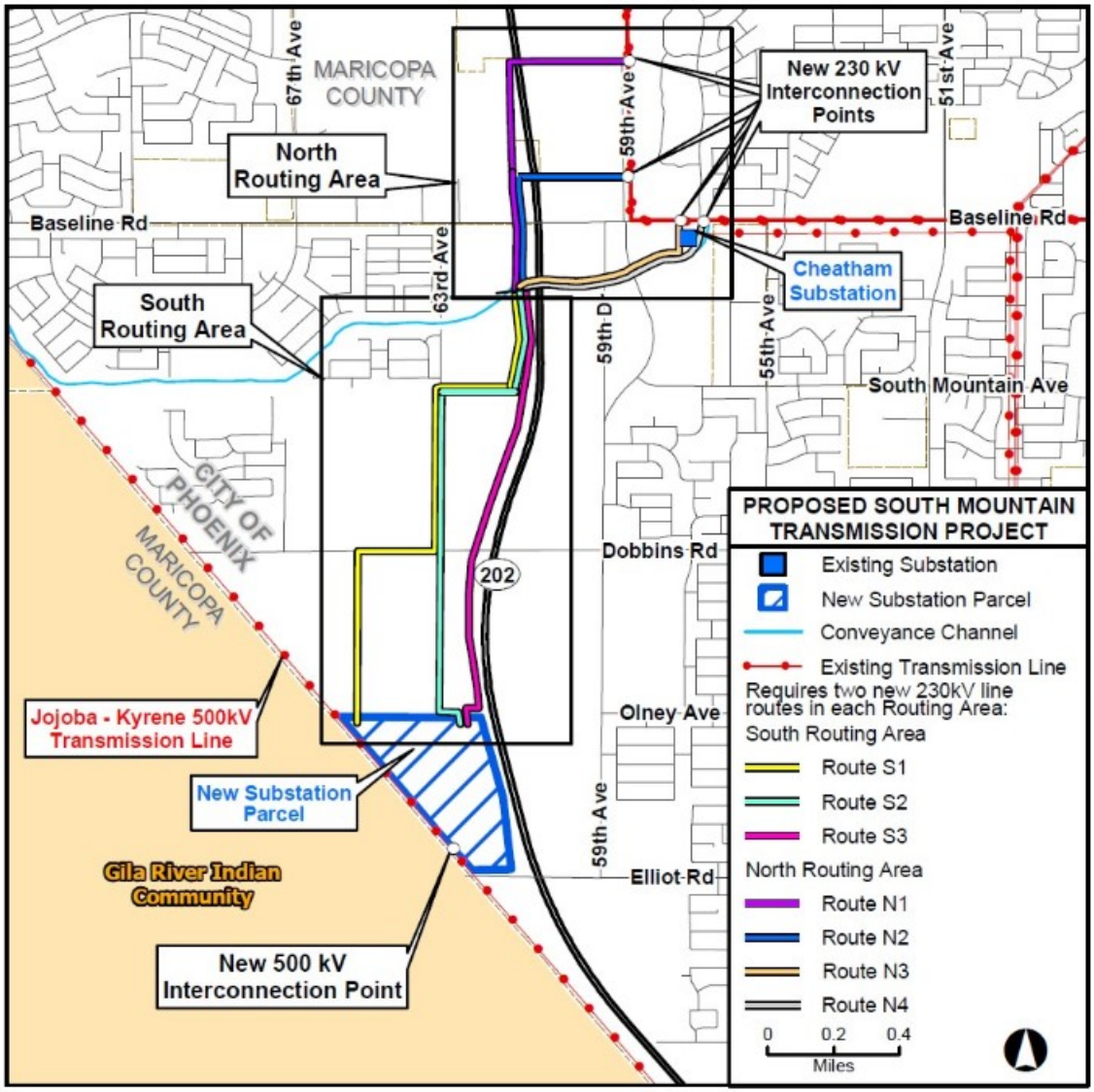
New route option added to map

As we continue working with the landowners, stakeholders and members of the public, we are working on analyzing all possible route alternatives. Additional routes are being considered and would like to ensure we obtain feedback on all routing options in our upcoming open houses.



Proposed route map for September 2024 Open Houses (new routes proposed)

The map below identifies new proposed route alternatives for the 230 kV lines as well as other project components after incorporating public input during open houses and other stakeholder meetings.



Why is this project needed?

The City of Phoenix is planning for future development in Laveen along the South Mountain Freeway, which may include a mix of land uses and development options, such as an industrial and tech park, hotel and resort, retail, hospitals, residential developments and new businesses to accommodate and attract high-wage jobs.

Additional electric transmission will be required to power this planned development, which is in SRP's service territory.

Project approval process and timeline

CEC requirements

SRP is preparing an application seeking a Certificate of Environmental Compatibility (CEC) to be filed with the Arizona Corporation Commission (ACC). The CEC process includes public hearings with the Arizona Power Plant and Transmission Line Siting Committee before seeking final approval from the ACC.

Open houses

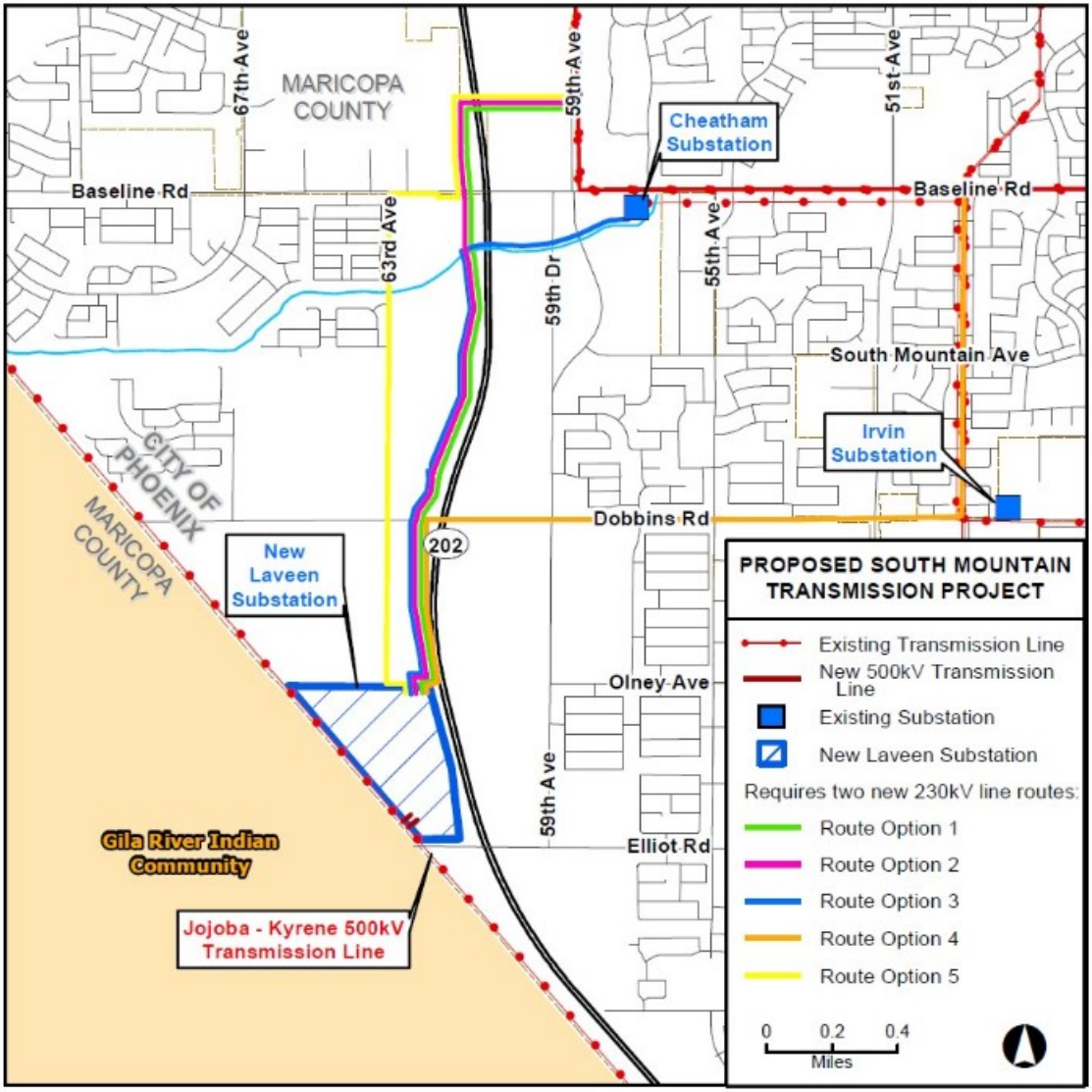
SRP invites the public to attend the upcoming virtual or in-person open houses to learn more about the SMT Project and provide input on the transmission line routes under consideration.

Virtual open houses	In-person open house
Thursday, Sept. 5, 2024 Noon & 5:30 p.m. Register now	**Tuesday, Sept. 10, 2024** 4:30-6:30 p.m., Cesar Chavez Community Center - 7858 S 35th Ave, Laveen, AZ 85339 Register now

Registration is required for the virtual open houses and recommended for the in-person open house.

Original proposed route map from May and June 2024 Open Houses

The map below identifies the route alternatives for the 230 kV lines, the location of the 500 kV transmission and new planned substation.



Transmission line structure types

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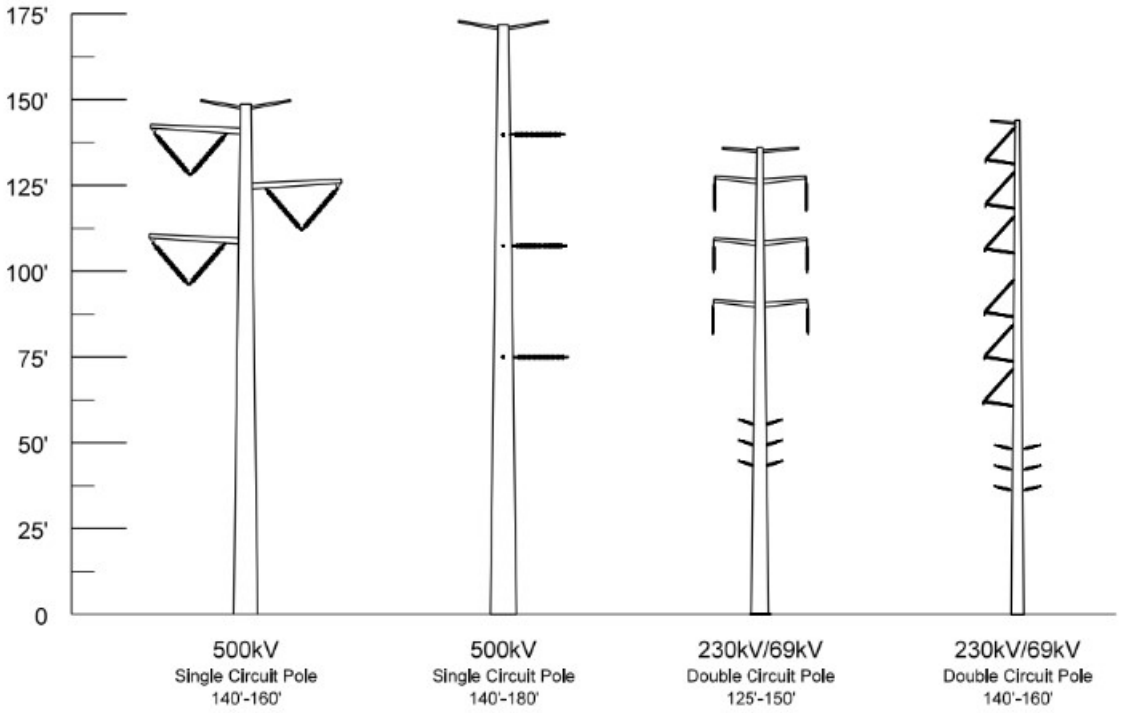

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South Mountain Transmission Project Feedback Form

First Name | M.I. *(Optional)* | Last Name

Address

ZIP: | City: | State: AZ

Email required to receive project updates.

Email address *(Optional)*

Phone number *(Optional)*

Comments or Questions *(Optional)*

Submit

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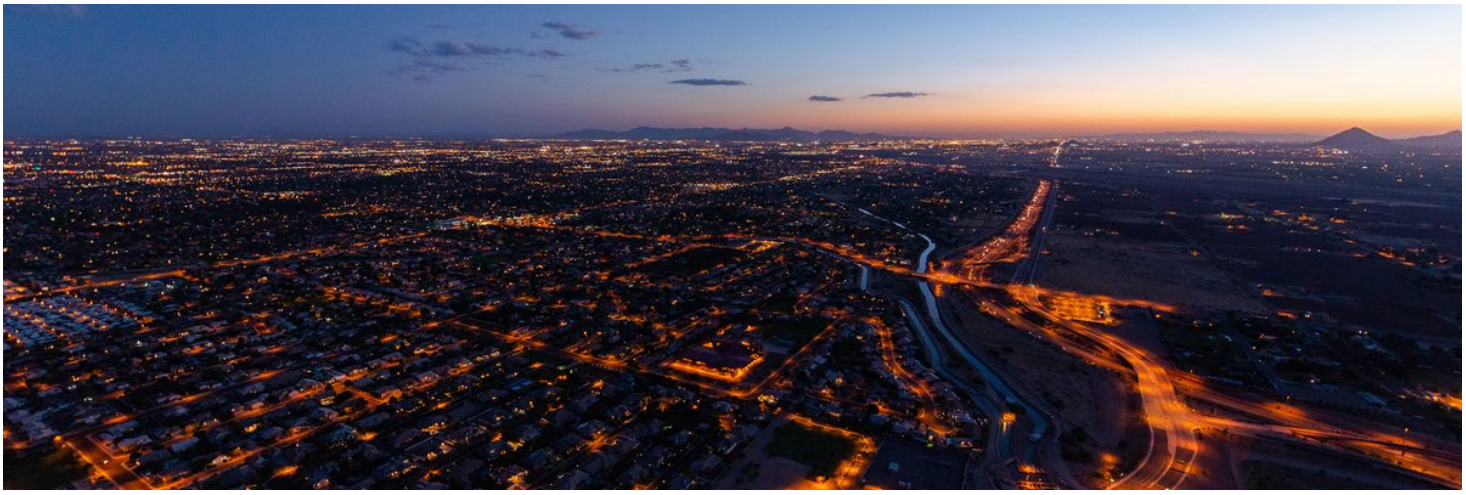

Proyecto de Transmisión de South Mountain

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Acerca del proyecto

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empezado a identificar opciones para las rutas de las líneas de transmisión que nos ayudarán a satisfacer las necesidades de nuestros clientes y de la comunidad.

El proyecto SMT requerirá una nueva subestación de 500/230/69 kilovoltios (kV) en Laveen, dos nuevas líneas aéreas de transmisión de 230 kV de doble circuito que medirán entre 2 y 3 millas dependiendo de la ruta seleccionada, y menos de 1 milla de dos nuevas líneas aéreas de transmisión de 500 kV.

¿Por qué es necesario este proyecto?

La ciudad de Phoenix está planificando el futuro desarrollo de Laveen a lo largo de la autopista South Mountain, que puede incluir una mezcla de usos del suelo y opciones de desarrollo, como un parque industrial y tecnológico, hoteles y complejos turísticos, comercios, hospitales, urbanizaciones y nuevas empresas para acomodar y atraer puestos de trabajo con salarios elevados en tecnología, biociencia, manufactura avanzada y servicios empresariales avanzados.

Será necesaria una transmisión eléctrica adicional para alimentar esta urbanización prevista, que se encuentra en el territorio de servicio de SRP. Estamos construyendo el Proyecto SMT porque apoyamos el desarrollo económico a largo plazo de las comunidades a las que servimos proporcionando energía fiable a nuestros clientes.

Proceso de aprobación del proyecto y calendario

Requisitos del Certificado de

Compatibilidad Ambiental (CEC)

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Reuniones abiertas al público

SRP invita al público a asistir a una de las próximas reuniones abiertas virtuales o presenciales para obtener más información sobre el Proyecto SMT y dar su opinión sobre las rutas de las líneas de transmisión que se están considerando.

Reuniones virtuales abiertas al público

Jueves, 5 de septiembre de 2024

Mediodía y 5:30 p.m.

Regístrate hoy

Reuniones abiertas al público presenciales

Martes, 10 de septiembre de 2024

4:30-6:30 p.m., Cesar Chavez Community Center - 7858 S. 35th Ave., Laveen, AZ 85339

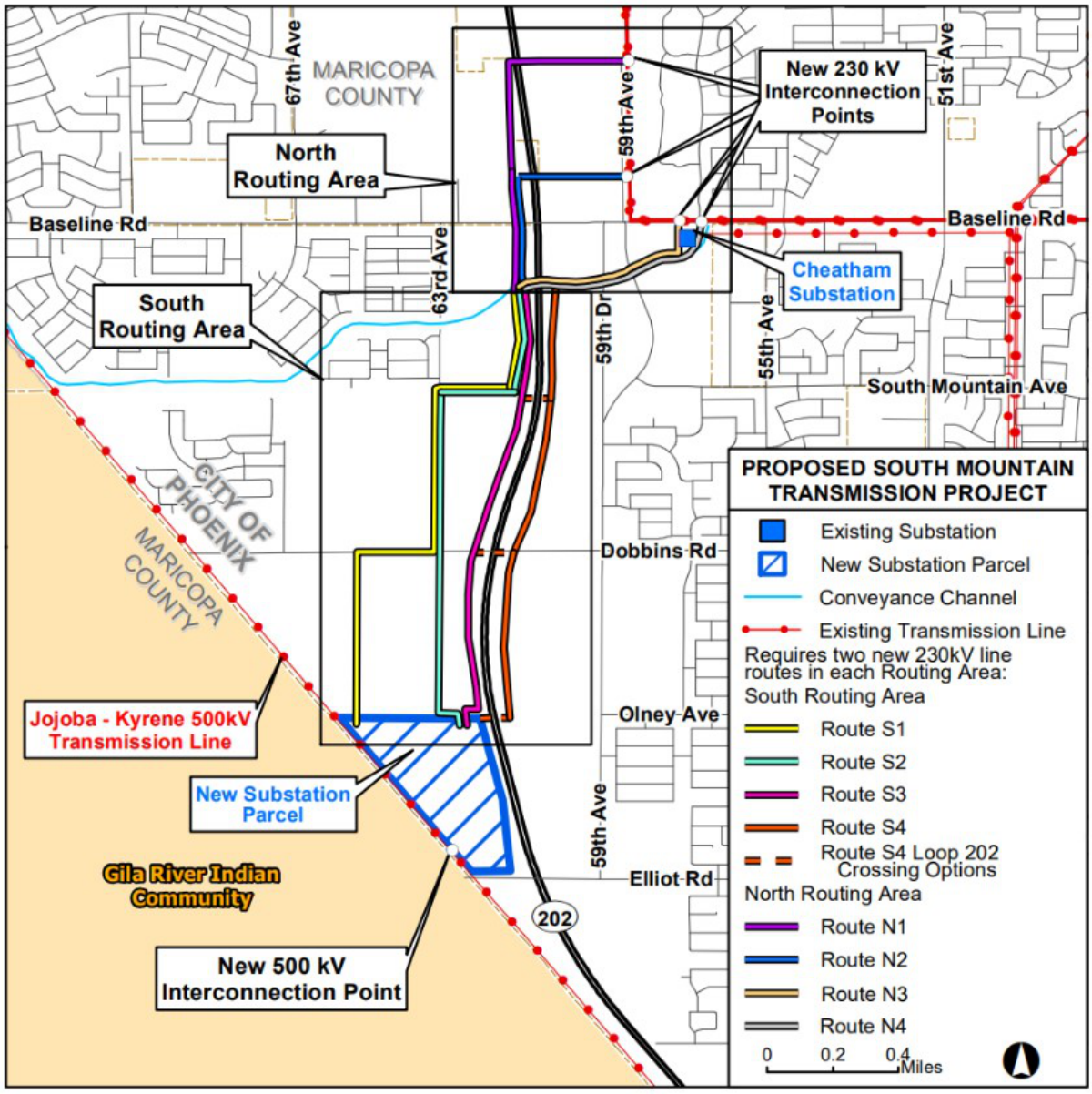
Regístrate hoy

Es necesario inscribirse para las sesiones de puertas abiertas virtuales y se recomienda hacerlo para las presenciales.

Mapas del proyecto

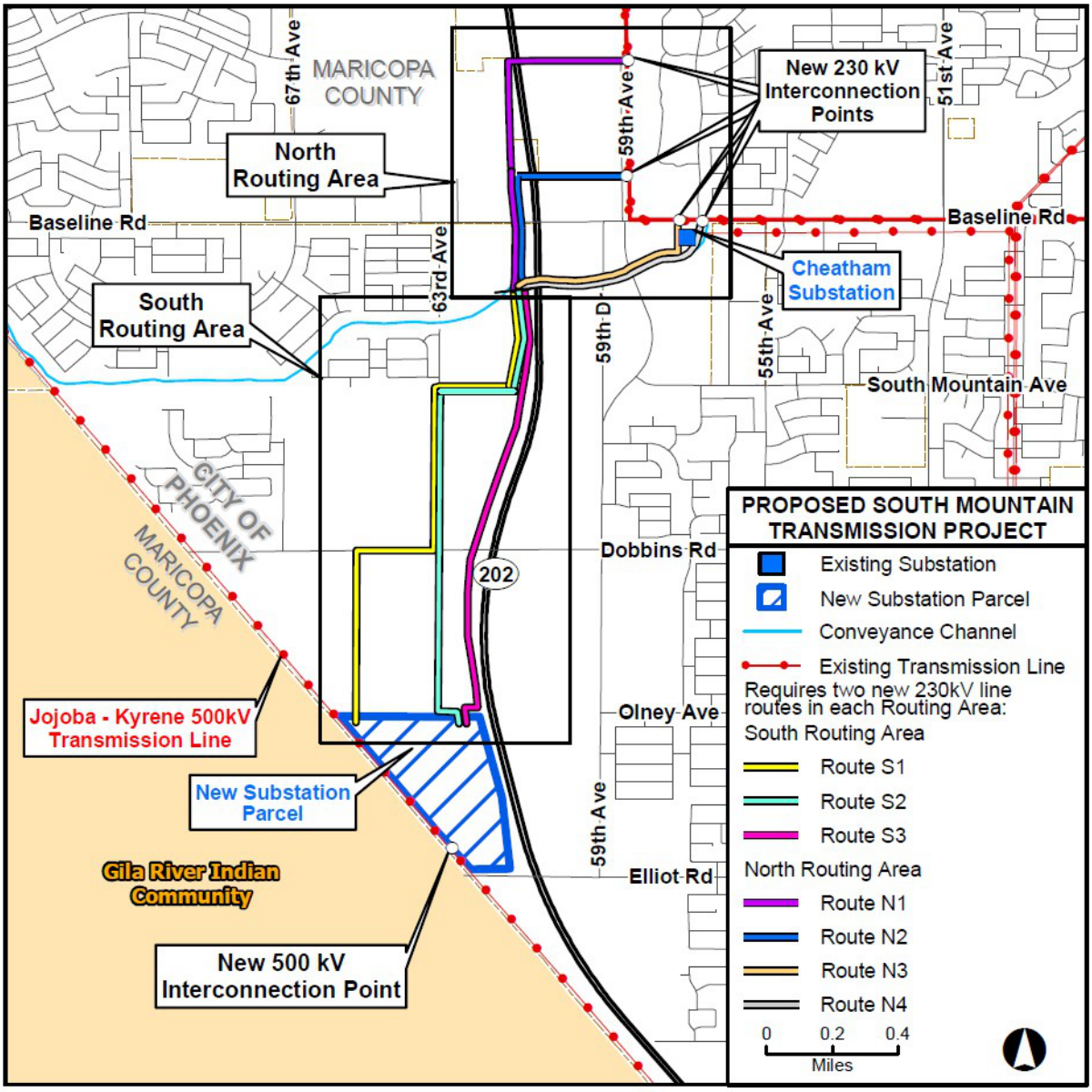
Nueva opción de ruta añadida al mapa

Mientras seguimos trabajando con propietarios de las tierras, partes interesadas y ciudadanos, estamos analizando todas las posibles alternativas de rutas. Nos gustaría obtener opiniones sobre todas las opciones que se están considerando en nuestras próximas jornadas de puertas abiertas.



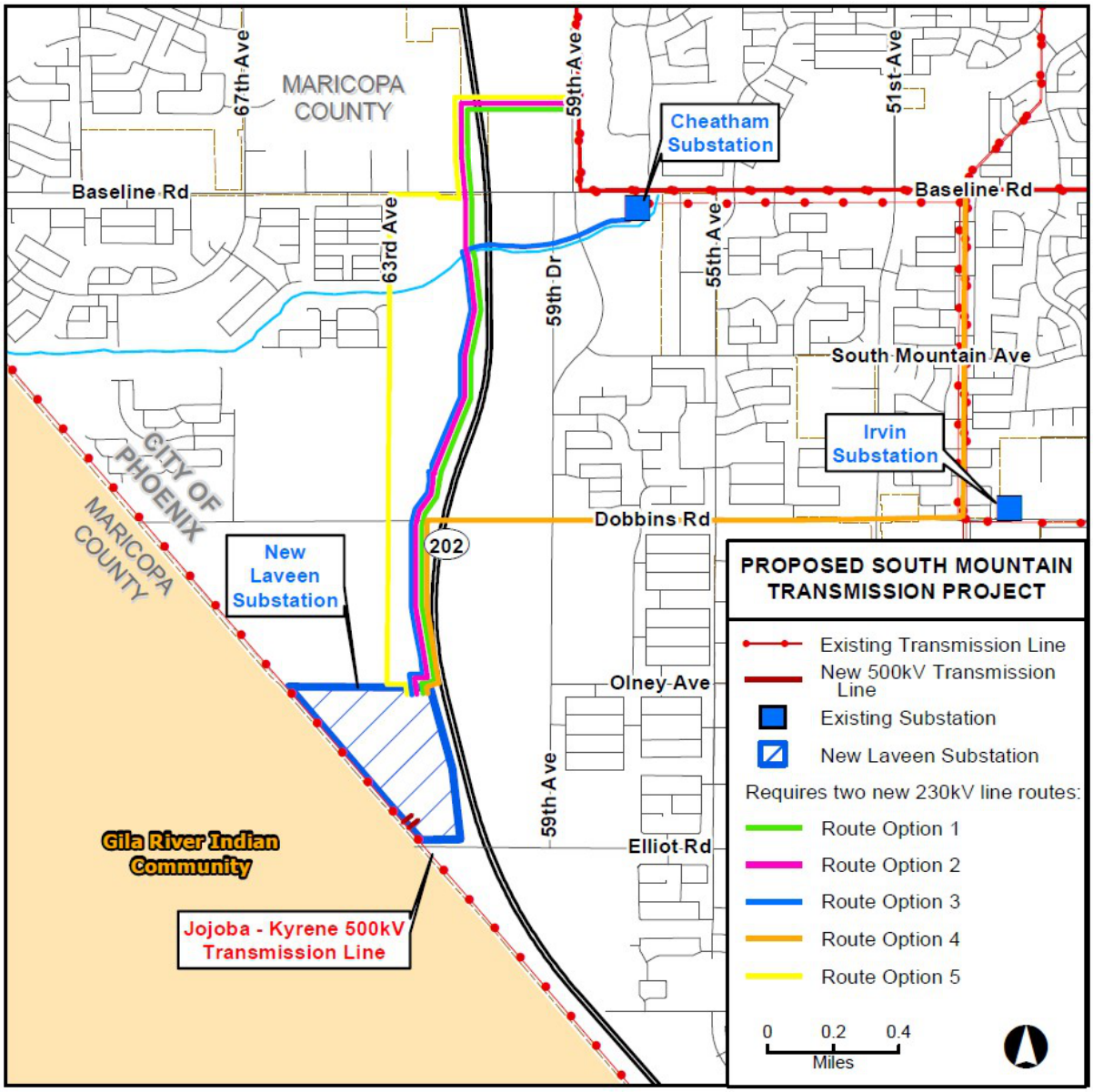
Mapa de rutas propuesto para las jornadas de puertas abiertas de septiembre de 2024 (nuevas rutas propuestas)

El siguiente mapa identifica las nuevas alternativas de ruta propuestas para las líneas de 230 kV, así como otros componentes del proyecto, tras incorporar las aportaciones del público durante las jornadas de puertas abiertas y otras reuniones con las partes interesadas.



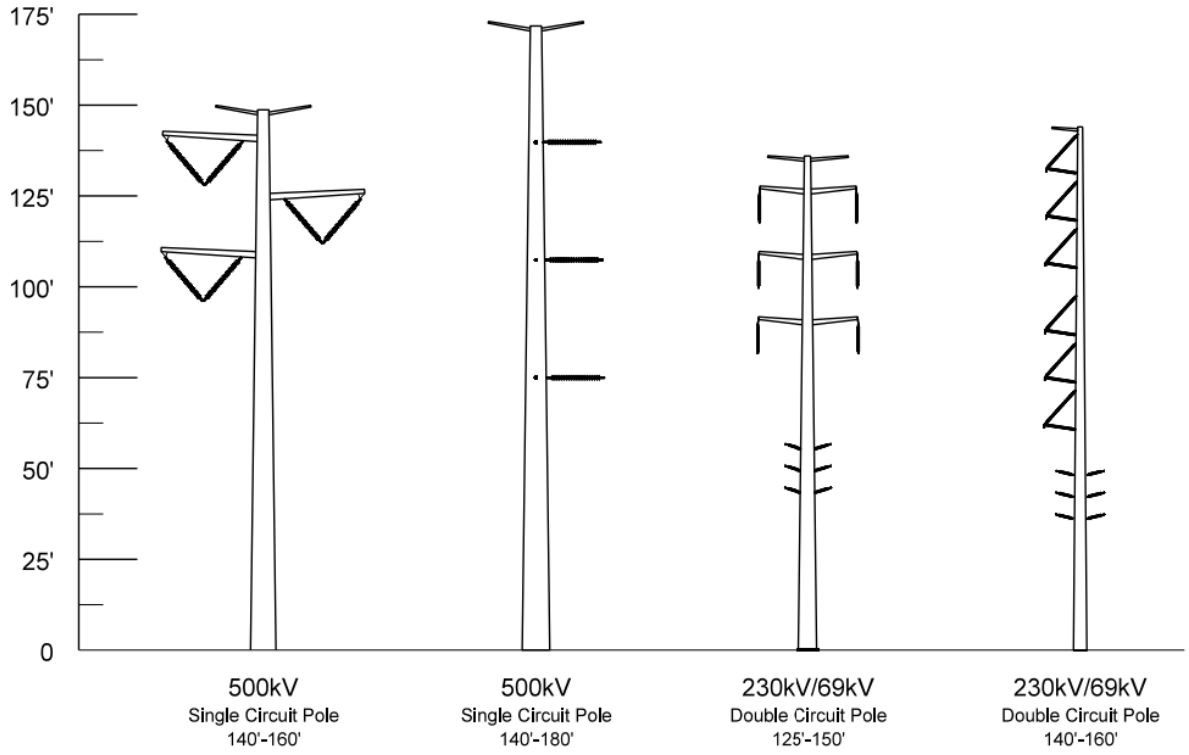
Mapa original de la ruta propuesta, de las jornadas de puertas abiertas de mayo y junio de 2024

El siguiente mapa identifica las alternativas de ruta para las líneas de 230 kV, la ubicación de la transmisión de 500 kV y la nueva subestación prevista.



Tipos de estructura de la línea de transmisión

A continuación, se indican los tipos de estructura de transmisión que se utilizarán para el proyecto.



Eventos pasados

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Jueves, 30 de mayo de 2024 mediodía a 5:30 p.m.	Reuniones virtuales abiertas al público Presentación (en inglés)	En línea
Jueves, 6 de junio de 2024 4:30-6:30 p.m.	Reuniones abiertas al público presenciales	Betty H. Fairfax High School 8225 S. 59th Ave., Laveen, AZ 85339

Archivo de noticias

Consulta a continuación las últimas noticias y anuncios del proyecto.

Contáctanos

Si tienes preguntas sobre el proyecto, ponte en contacto con nosotros o llama al **(602) 236-2872**.

Nombre

Inicial *(Opcional)*

Apellido

Dirección

Código postal:

Ciudad:

Estado:

AZ

Para recibir actualizaciones del proyecto, es necesario el email.
Correo electrónico *(Opcional)*

Teléfono *(Opcional)*

Sugerencias o preguntas *(Opcional)*

Enviar

Contáctanos

Si tienes preguntas sobre el proyecto, llama al **(602) 236-2872** o envía un email a 2872line@srpnet.com.

AL PRINCIPIO



EXHIBIT J-5
SOCIAL MEDIA

EXHIBIT J-5A
PHASE 1

1793501 | Paid Social | FB/IG Story Single Static | English | Ratio: 9:16 | (note that copy is owned by CPY)



Salt River Project
Sponsored

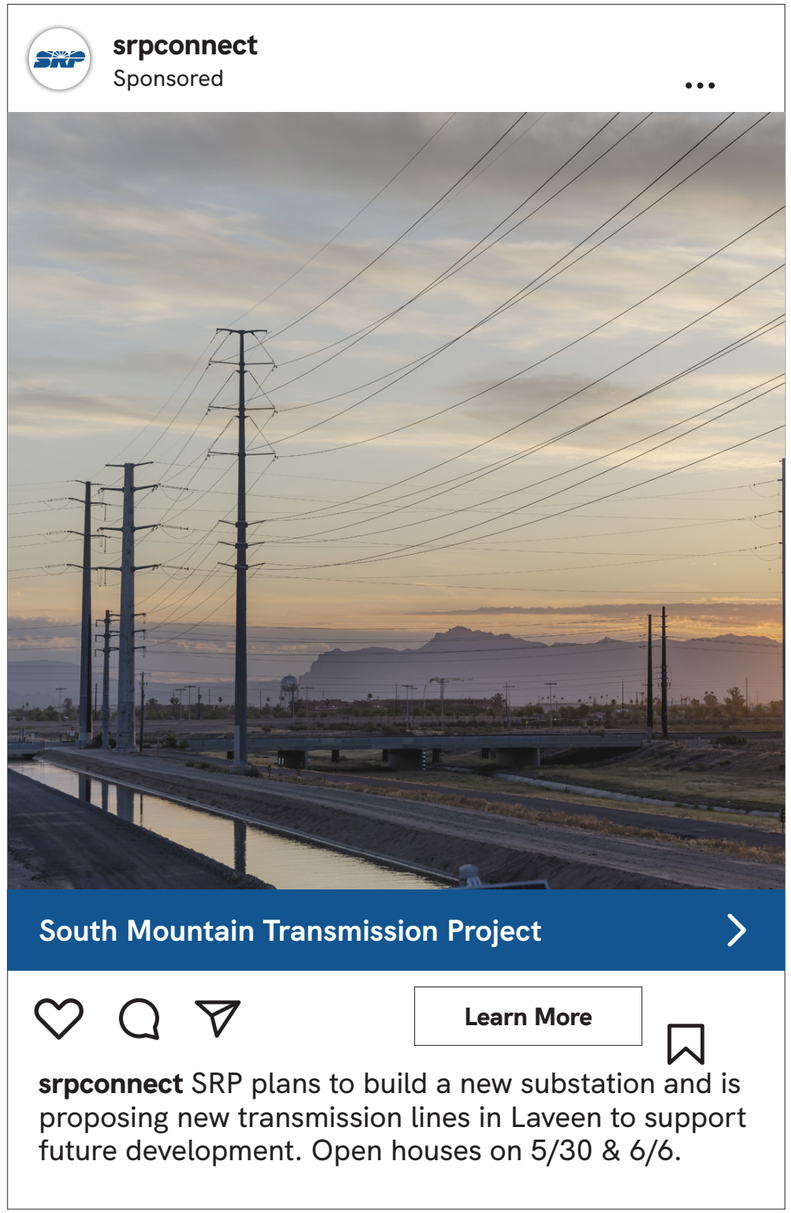
SRP plans to build a new substation and is proposing new transmission lines in Laveen to support future development. Open houses on 5/30 & 6/6.



SRP.NET/SMT
South Mountain Transmission Project
Open house and project details

LEARN MORE

1793501 | Paid Social | FB/IG In Feed Single Static | 1:1 | (note that copy is owned by CPY)



srpconnect
Sponsored

SRP Announces South Mountain Transmission Project / *Spanish headline*

The City of Phoenix is planning for future development in Laveen, which...See more



Learn more at **srp.net/SMT**.

Learn more

srpconnect
Sponsored

SRP Announces South Mountain Transmission Project / *Spanish headline*

The City of Phoenix is planning for future development in Laveen, which may include a mix of land uses and development options. To support these future developments, SRP is proposing the South Mountain Transmission (SMT) Project, which includes new transmission lines and a planned substation. Open houses will be held on 5/30 & 6/6.

Spanish copy The City of Phoenix is planning for future development in Laveen, which may include a mix of land uses and development options. To support these future developments, SRP is proposing the South Mountain Transmission (SMT) Project, which includes new transmission lines and a planned substation. Open houses will be held on 5/30 & 6/6.

EXHIBIT J-5B
PHASE 2

Paid_FB/IG_Feed_1x1_Single_Image_Image – Static_ENG



Paid_FB/IG_Story_9x16_Single_Image_Image - Static_ENG_1898003



1898005 | **STATIC | Paid_Nextdoor_Display_Image_Single_Static_1200x628_Pool1_ENG (NEW)** | 1200x628 | Copy Doc

Salt River Project Sponsored

SRP's South Mountain Transmission Project

The City of Phoenix is planning for future development in Laveen, which may include a mix of land uses and development options. To support these future developments, SRP is proposing the South Mountain Transmission (SMT) Project, which includes new transmission lines and a substation. The next open houses will be held on Sept. 5 (virtual) and Sept. 10 (in person).



New transmission lines and substation

LEARN MORE

Click Here

EXHIBIT J-6
ROUTING STUDY

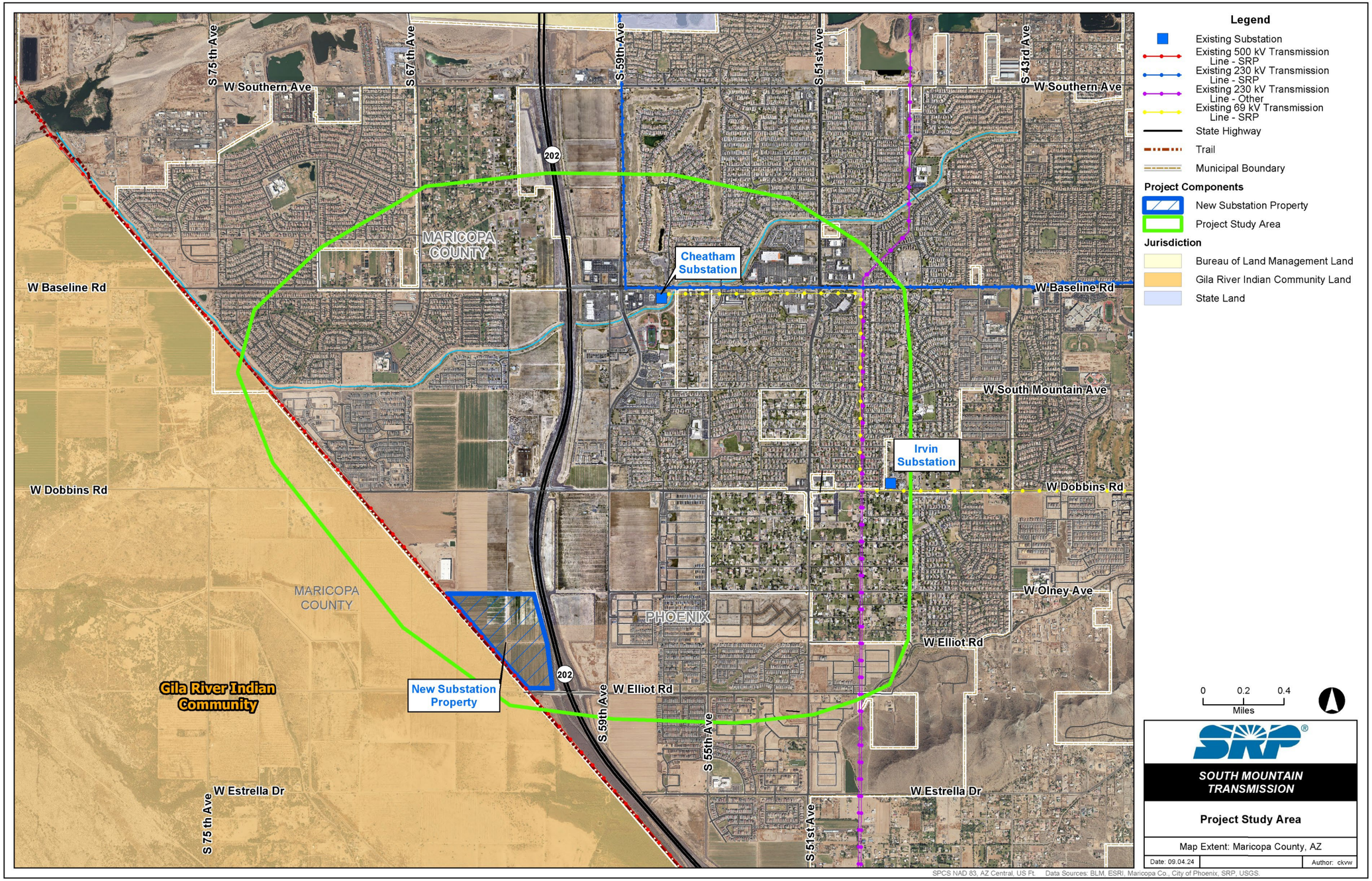


Figure J-6a – Project Study Area

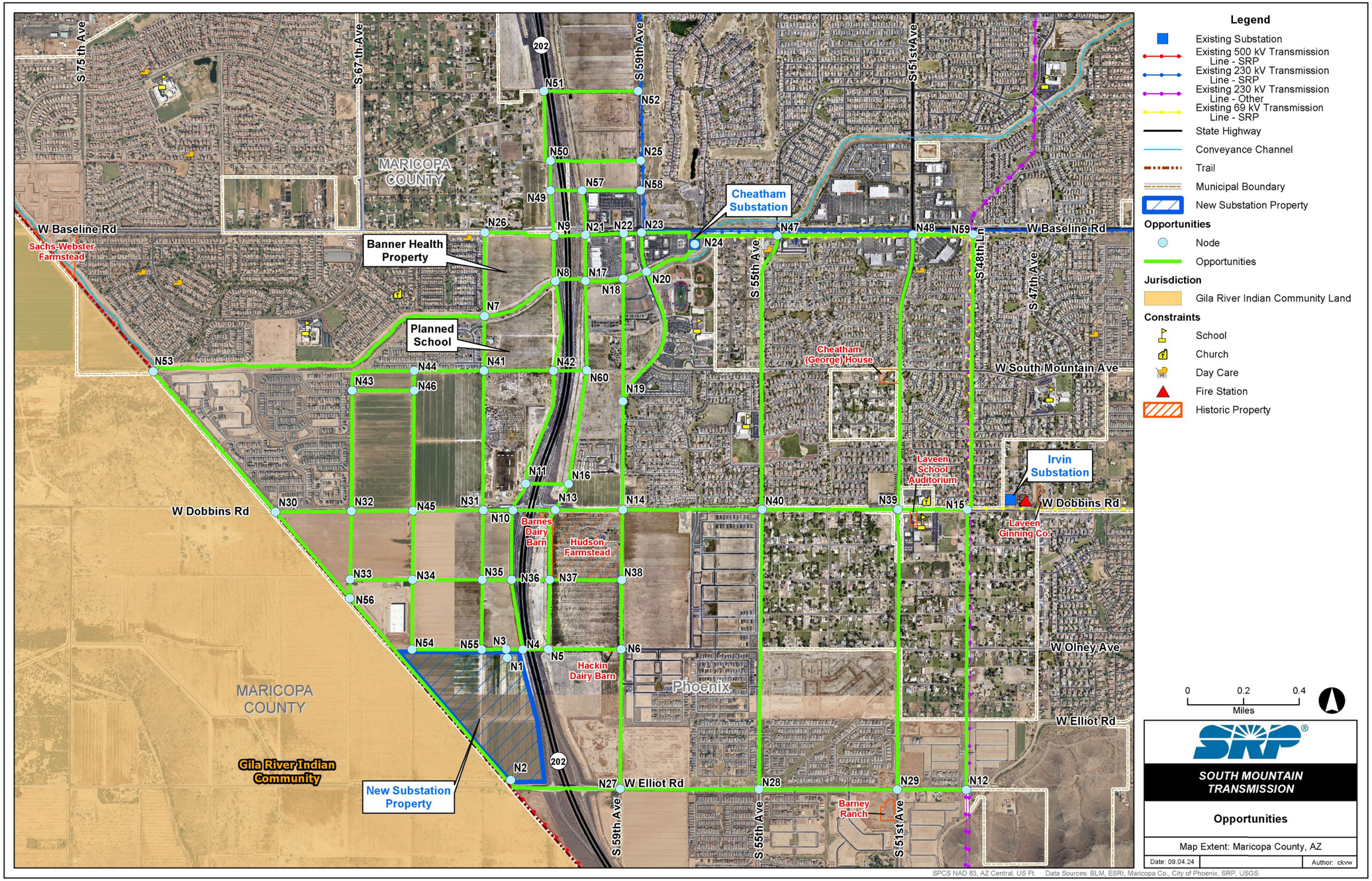


Figure J-6b – Opportunities & Constraints

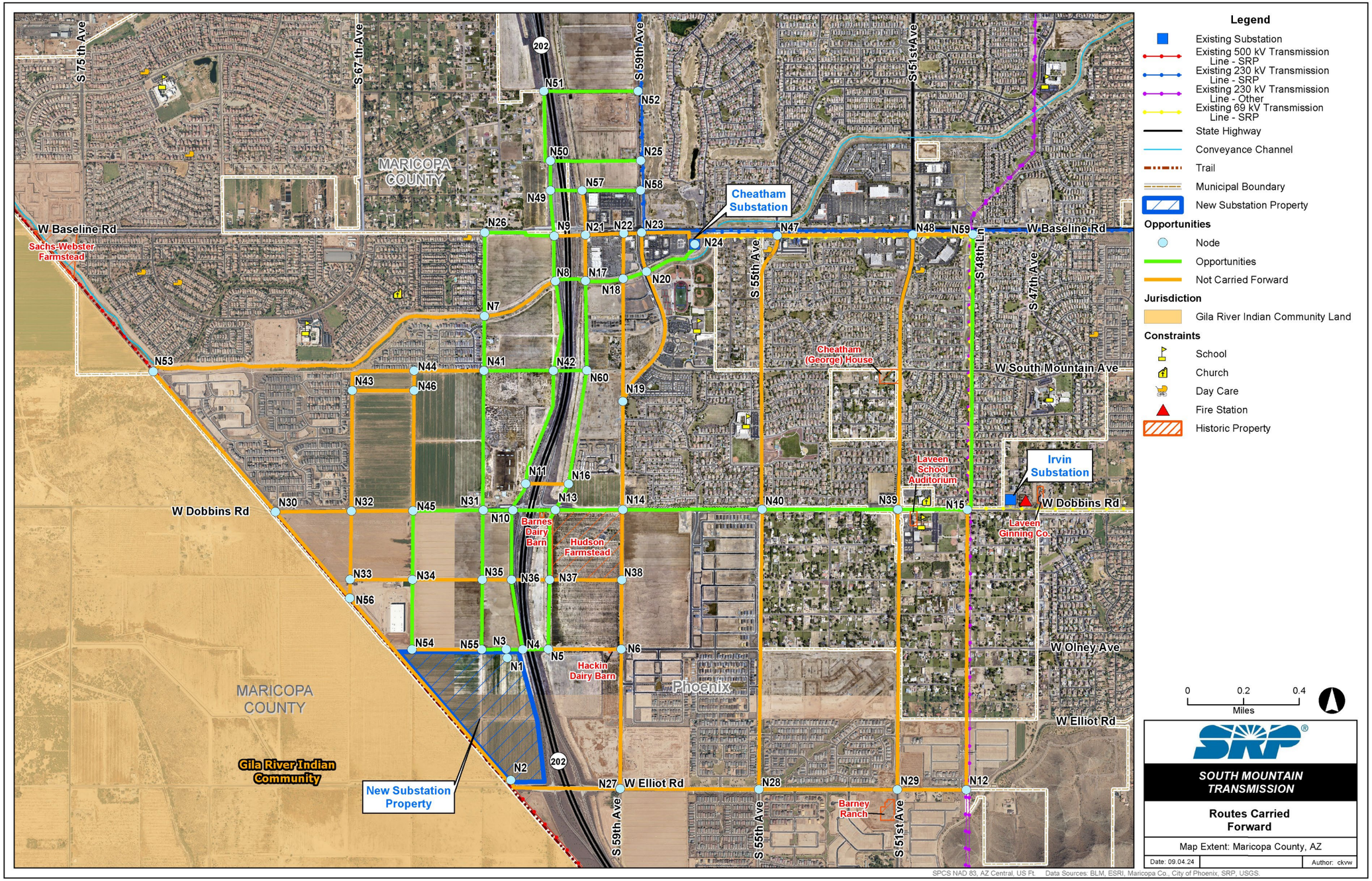


Fig J-6c – Routes Carried Forward for Analysis

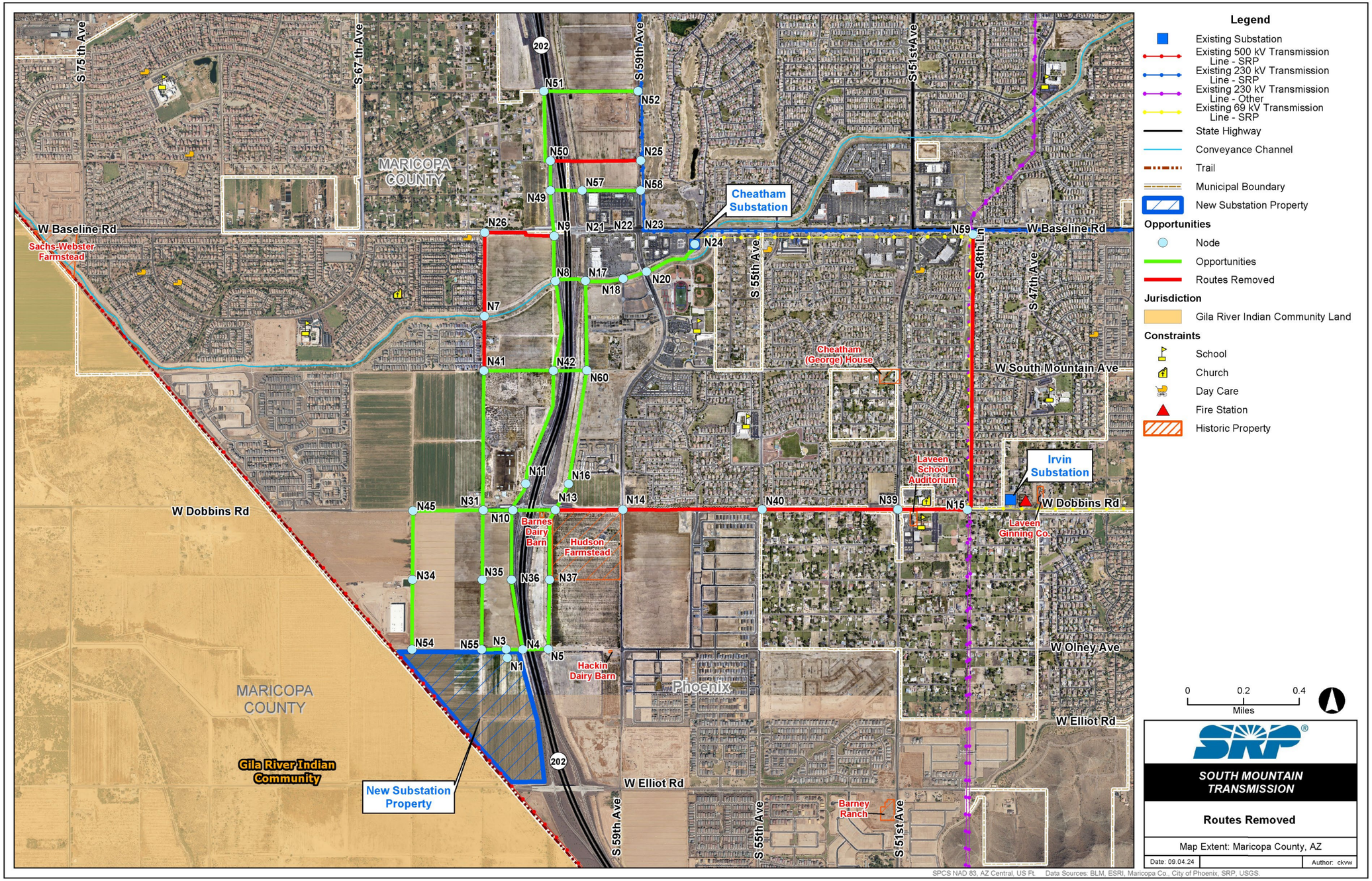


Fig J-6d – Routes Removed

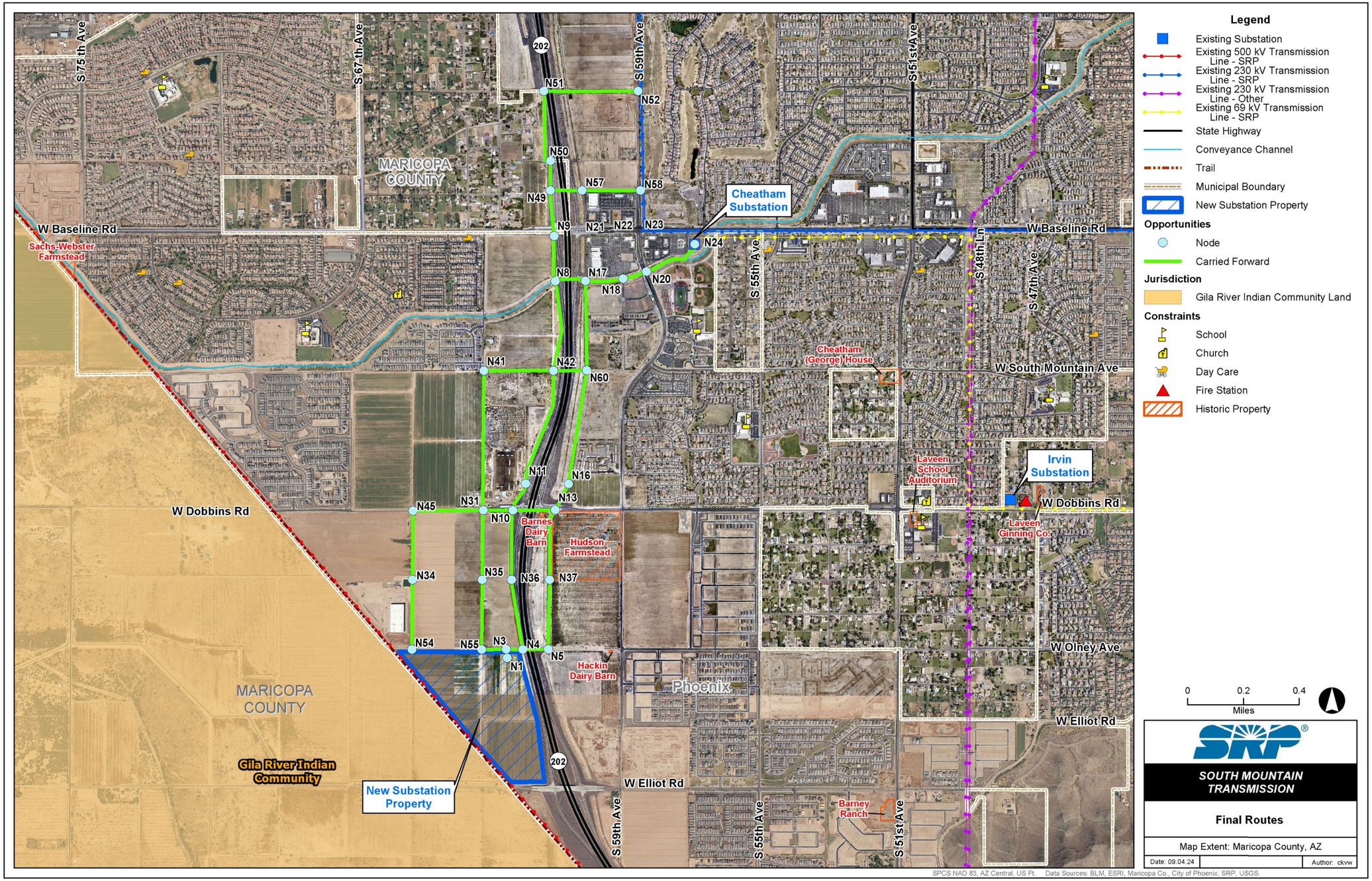


Fig J-6e – Final Routes Carried Forward

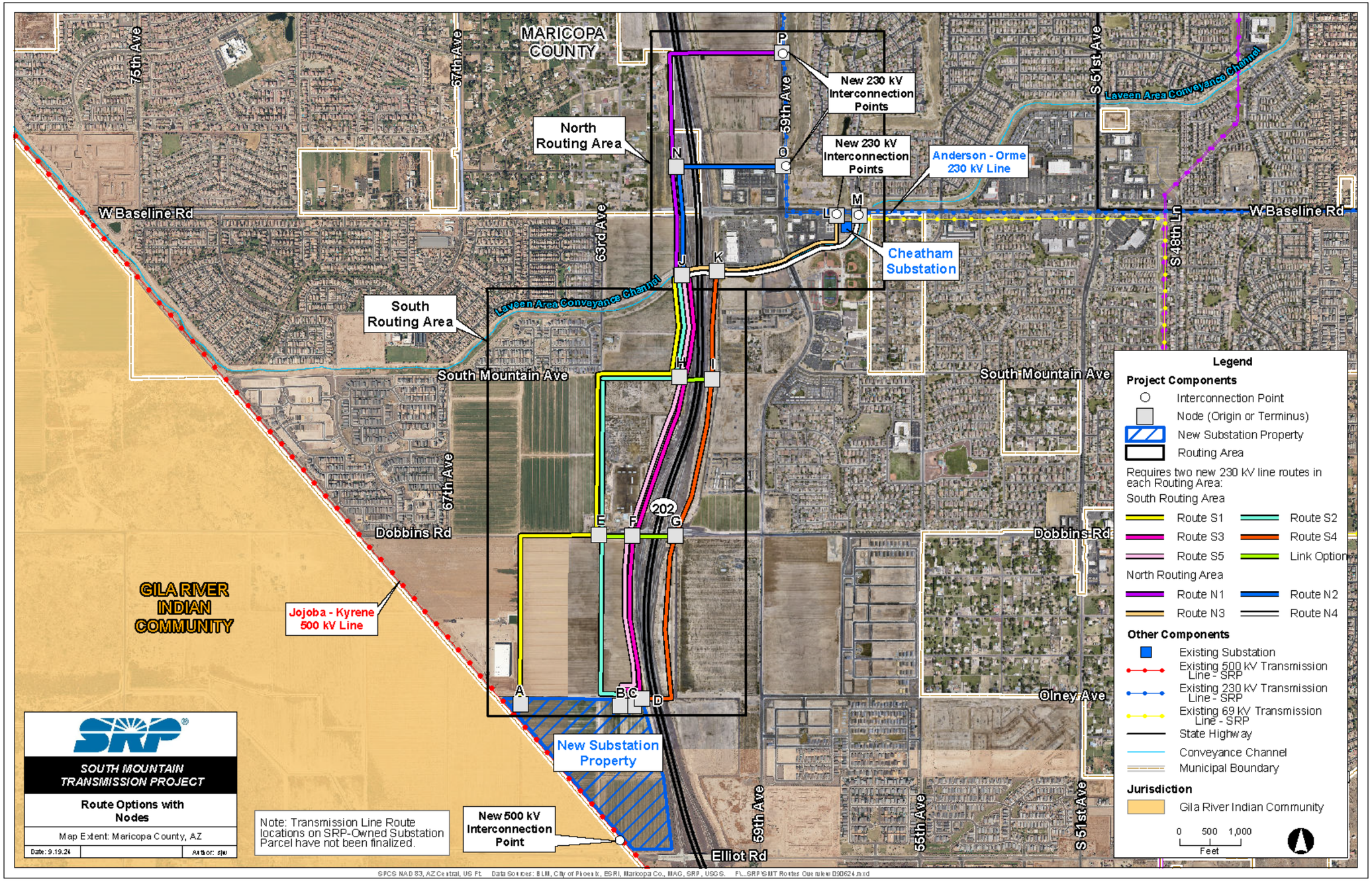


Fig J-6f – Final Routes

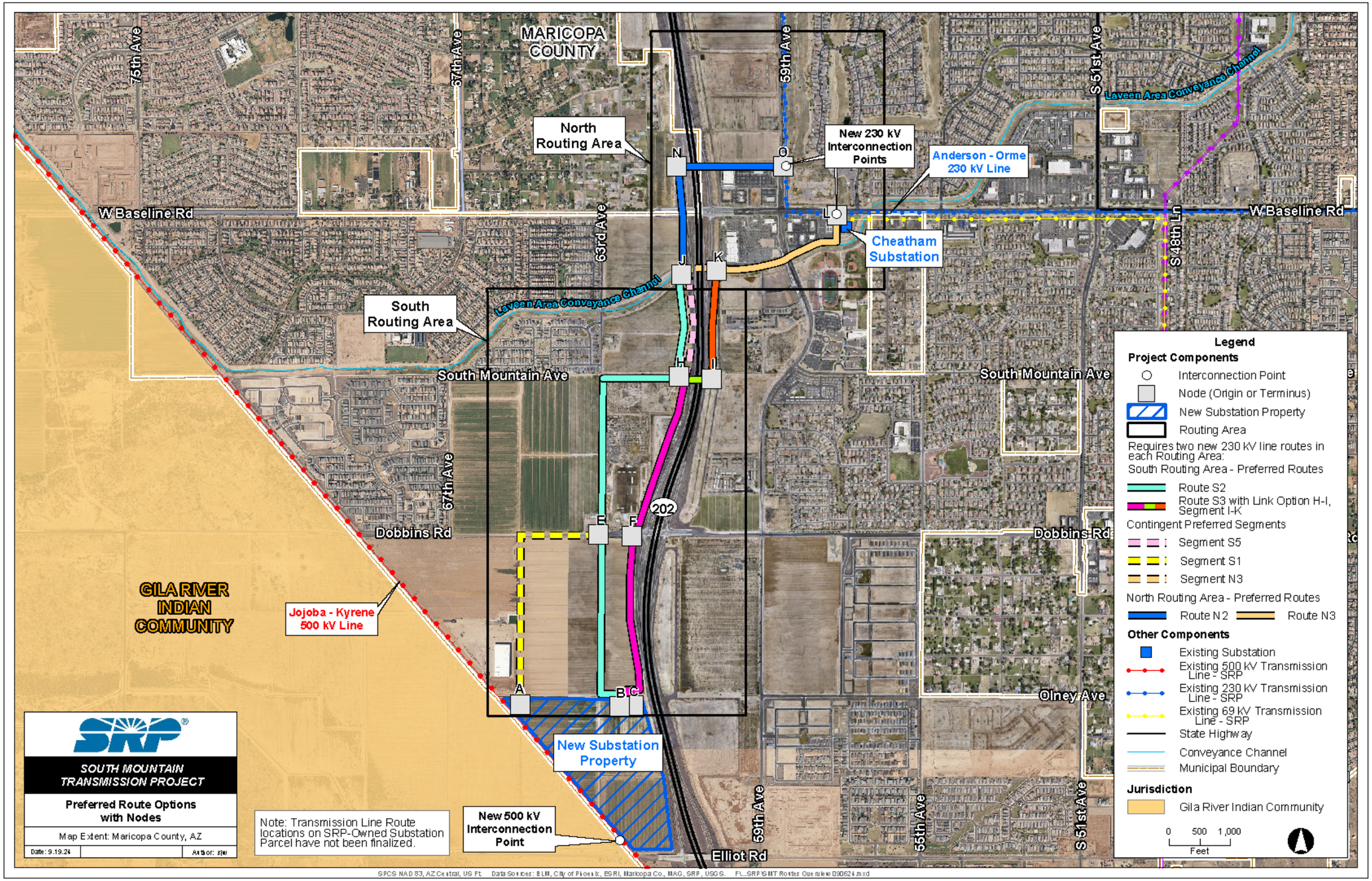


Fig J-6g – Preferred Routes

North Routing Area

Criteria	N1	N2	N3	N4
Length (miles)	1.04	0.67	0.59	0.60
Parcels crossed	12	6	3	4
Following existing linear features	Loop 202	Loop 202	LACC	LACC
Existing land use crossed	Residential	Agricultural	Commercial Industrial	Adjacent to public land use
Existing sensitive routing constraints w/in 300 feet (residences, schools, medical facilities)	4 Residences	None	1 School property (Betty H. Fairfax HS)	1 School property (Betty H. Fairfax HS)
Planned sensitive routing constraints w/in 300 feet (residences, schools, medical facilities) *	1 Medical Facility property, 1 Community College property, 1 Residential Planned Area Development (PAD)	1 Medical Facility property	None	1 Residential PAD
Planned area developments w/in 300 feet	5	6	2	3
Public Comment	- Too close to existing residences - Avoid putting 2 lines on proposed Medical Facility property - Liked that it uses Loop 202	- Avoid putting 2 lines on proposed Medical Facility property - Liked that it uses Loop 202 and stays adjacent to heavy commercial land use	- Concerns about impacts to the LACC recreational path - Disliked 2 lines on LACC	- Concerns about impacts to the LACC recreational path - Disliked 2 lines on LACC - Concerns about proximity to adjacent school facilities
Summary	Longest route, closest to residences, residential land use, and planned area developments. Constrained with 2 routes on Medical Facility property. N2 is more compatible overall.	Minimizes impacts to existing and planned residences and is strongest opportunity along Loop 202.	Minimizes impacts to existing and planned residences, and planned area developments.	Minimizes impacts to existing and planned residences. Closest to school facilities. Constrained with 2 routes on LACC because of constructability and maintenance access. N3 is more compatible overall.
Route Selection	**Alternative**	**Preferred**	**Preferred**	**Alternative**
*Based on information available on PADs.				

South Routing Area

Criteria	S1	S2	S3	S4	S5	S3 – H – I - K	S3 – F – G – I - K	S2 – E – F – G – I – K	S1 - E – F – G – I – K	S2 – H – I - K	S1 – H – I - K
Length (miles)	1.8	1.6	1.4	1.3	1.4	1.5	1.5	1.6	1.8	1.7	1.9
Parcels crossed	9	9	9	11	9	12	12	13	13	12	12
Uses SRP owned property	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	No
Following existing linear features	undeveloped road alignments, portion of Loop 202 on west	undeveloped road alignments, portion of Loop 202 on west	Loop 202 on west	Loop 202 on east	Loop 202 on west	Loop 202 west and east	Loop 202 west and east	undeveloped road alignments, portion of Loop 202 on east	undeveloped road alignments, portion of Loop 202 on east	undeveloped road alignments, portion of Loop 202 on east	undeveloped road alignments, portion of Loop 202 on east
Proximity to future large load land use property *	Adjacent to multiple planned large load properties	Adjacent to multiple planned large load properties	None	None	None	None	None	Adjacent to multiple planned large load properties	Adjacent to multiple planned large load properties	Adjacent to multiple planned large load properties	Adjacent to multiple planned large load properties
Existing land use crossed	Industrial, Commerce / Business Park	Commerce / Business Park, Commercial	Commerce / Business Park, Commercial	Commerce / Business Park, Commercial, Residential**	Commerce / Business Park, Commercial	Commerce / Business Park, Commercial	Commerce / Business Park, Commercial	Commerce / Business Park, Commercial, Residential**	Industrial, Commerce / Business Park, Commercial, Residential**	Commerce / Business Park, Commercial	Industrial, Commerce / Business Park, Commercial
Existing sensitive routing constraints w/in 300 feet (residences, schools, medical facilities)	6 Residences	6 Residences	None	3 Apartment buildings	None	None	3 Apartment buildings	2 Residences, 3 Apartment buildings	2 Residences, 3 Apartment buildings	6 Residences	6 Residences
Planned sensitive routing constraints w/in 300 feet (residences, schools, medical facilities) *	1 School property (on 2 sides of property), 1 Residential PAD	1 School property (on 2 sides of property), 1 Residential PAD	1 School property, 1 Residential PAD	3 Residential PADs	1 School property, 1 Residential PAD	2 Residential PADs	3 Residential PADs	3 Residential PADs	3 Residential PADs	1 School property, 2 Residential PADs	1 School property, 2 Residential PADs
Planned area developments (PAD) w/in 300 feet	4	4	2	6	2	5	8	10	11	8	8
Public Comment	- Supports lines closer to planned large load properties - Concerns about existing residences in Estrella Vista - Concerns about impacts to proposed school	- Supports lines closer to planned large load properties - Concerns about existing residences in Estrella Vista - Concerns about impacts to proposed school	- Supports lines along west side of Loop 202 - Supports minimizing impacts to planned school - Supports minimizing impacts to residences - Concerns about impacts to PADS	- Supports lines along east side of Loop 202 - Concerns about existing and planned residential uses east of Loop 202 - Concerns about impacts to PADS - Concerns about Impacts to Dobbins Rd	- Supports lines along west side of Loop 202 - Supports minimizing impacts to planned school - Supports minimizing impacts to residences - Concerns about impacts to PADS	- Supports lines along Loop 202 - Supports no impacts to planned school - Supports minimizing impacts to residences - Concerns about impacts to PADS	- Supports lines along Loop 202 - Supports no impacts to planned school - Concerns about existing and planned residential uses east of Loop 202 - Concerns about impacts to PADS - Concerns about Impacts to Dobbins Rd	- Supports no impacts to planned school - Concerns about existing and planned residential uses east of Loop 202 - Concerns about impacts to PADS - Concerns about Impacts to Dobbins Rd	- Supports no impacts to planned school - Concerns about existing and planned residential uses east of Loop 202 - Concerns about impacts to PADS - Concerns about Impacts to Dobbins Rd	- Supports lines closer to planned large load properties - Concerns about existing residences in Estrella Vista - Concerns about impacts to proposed school - Concerns about impacts to PADS	- Supports lines closer to planned large load properties - Concerns about existing residences in Estrella Vista - Concerns about impacts to proposed school - Concerns about impacts to PADS

Criteria	S1	S2	S3	S4	S5	S3 – H – I - K	S3 – F – G – I - K	S2 – E – F – G – I – K	S1 - E – F – G – I – K	S2 – H – I - K	S1 – H – I - K
Summary	Closest to the most planned large load properties. Minimizes impacts to smaller PAD properties. Limited planned residential adjacent. Lower likelihood of future need for transmission infrastructure. Proximity to planned school.	Close to multiple planned large load properties. Uses SRP owned parcel north of substation. Minimizes impacts to smaller PAD properties. Limited planned residential adjacent. Lower likelihood of future need for transmission infrastructure. Proximity to planned school.	Utilizes Loop 202. Uses SRP owned parcel north of substation. Minimizes impacts to existing and planned residential. Shortest route. Route along eastern boundary of planned school.	Follows Loop 202. Impacts numerous residential PADs in different construction and planning stages. Minimizes impacts to planned school. Would ultimately directly impact the most residences. Entire route is understudy by ADOT. Impacts to Dobbins Rd.	Utilizes Loop 202. Uses SRP owned parcel north of substation. Minimizes impacts to existing and planned residences. Shortest route. Route along eastern boundary of planned school.	Utilizes Loop 202. Uses SRP owned parcel north of substation. Minimizes impacts to planned school and residential developments by crossing Loop 202 at South Mtn Ave. Minimizes impacts to existing residences. Shortest segment using ADOT ROW on east side of Loop 202.	Utilizes Loop 202. Uses SRP owned parcel north of substation. Minimizes impacts to planned school. Impacts numerous residential PADs in different construction and planning stages. Would ultimately directly impact the most residences. Portions of route are understudy by ADOT. Impacts to Dobbins Rd.	Utilizes Loop 202. Uses SRP owned parcel north of substation. Minimizes impacts to planned school. Impacts numerous residential PADs in different construction and planning stages. Would ultimately directly impact the most residences. Portions of route are understudy by ADOT. Impacts to Dobbins Rd.	Utilizes Loop 202. Minimizes impacts to planned school. Impacts numerous residential PADs in different construction and planning stages. Would ultimately directly impact the most residences. Portions of route are understudy by ADOT. Impacts to Dobbins Rd.	Close to multiple planned large load properties. Impacts many smaller PADs. Shortest segment using ADOT ROW on east side of Loop 202. Lower likelihood of future need for transmission infrastructure. Route along southern boundary of planned school. S3-H-I-K is more compatible using H-I-K.	Closest to the most planned large load properties. Impacts many smaller PADs. Longest Route. Shortest segment using ADOT ROW on east side of Loop 202. Lower likelihood of future need for transmission infrastructure. Route along southern boundary of planned school. S3-H-I-K is more compatible using H-I-K.
Route Selection	**Alternative**	**Preferred**	**Alternative**	**Alternative**	**Alternative**	**Preferred**	**Alternative**	**Alternative**	**Alternative**	**Alternative**	**Alternative**
*Based on information available on planned area developments.											
**Residential land use based on aerial review, not from planning documents											