

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

City of Phoenix. 2011. Phoenix Zoning Ordinance. Accessed: July 2024. Available at: <https://phoenix.municipal.codes/ZO>.

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.

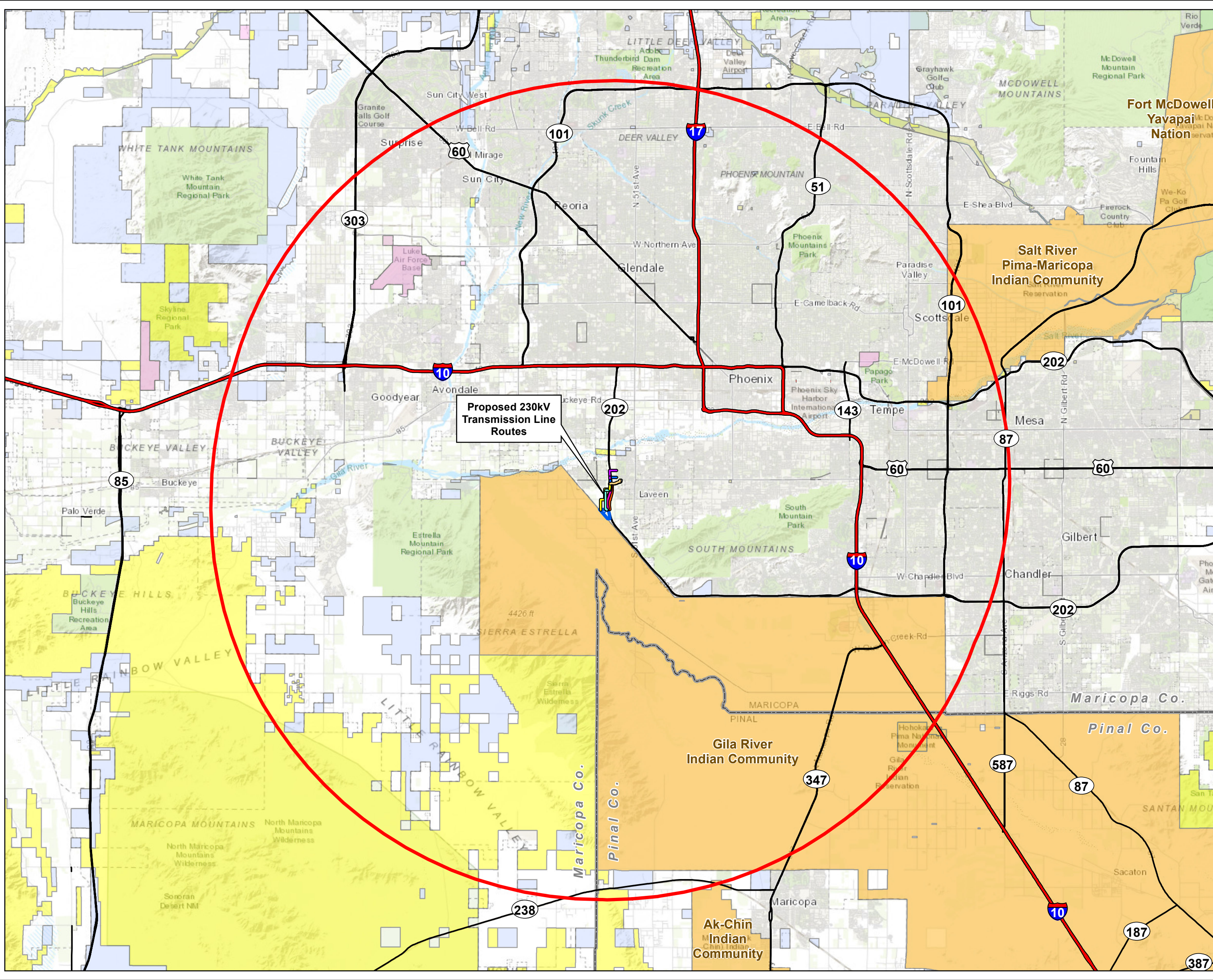
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Maricopa County. 2016. Vision 2030 Comprehensive Plan. Accessed 7/11/2024. Located at: <https://www.maricopa.gov/3990/Long-Range-Planning>.



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

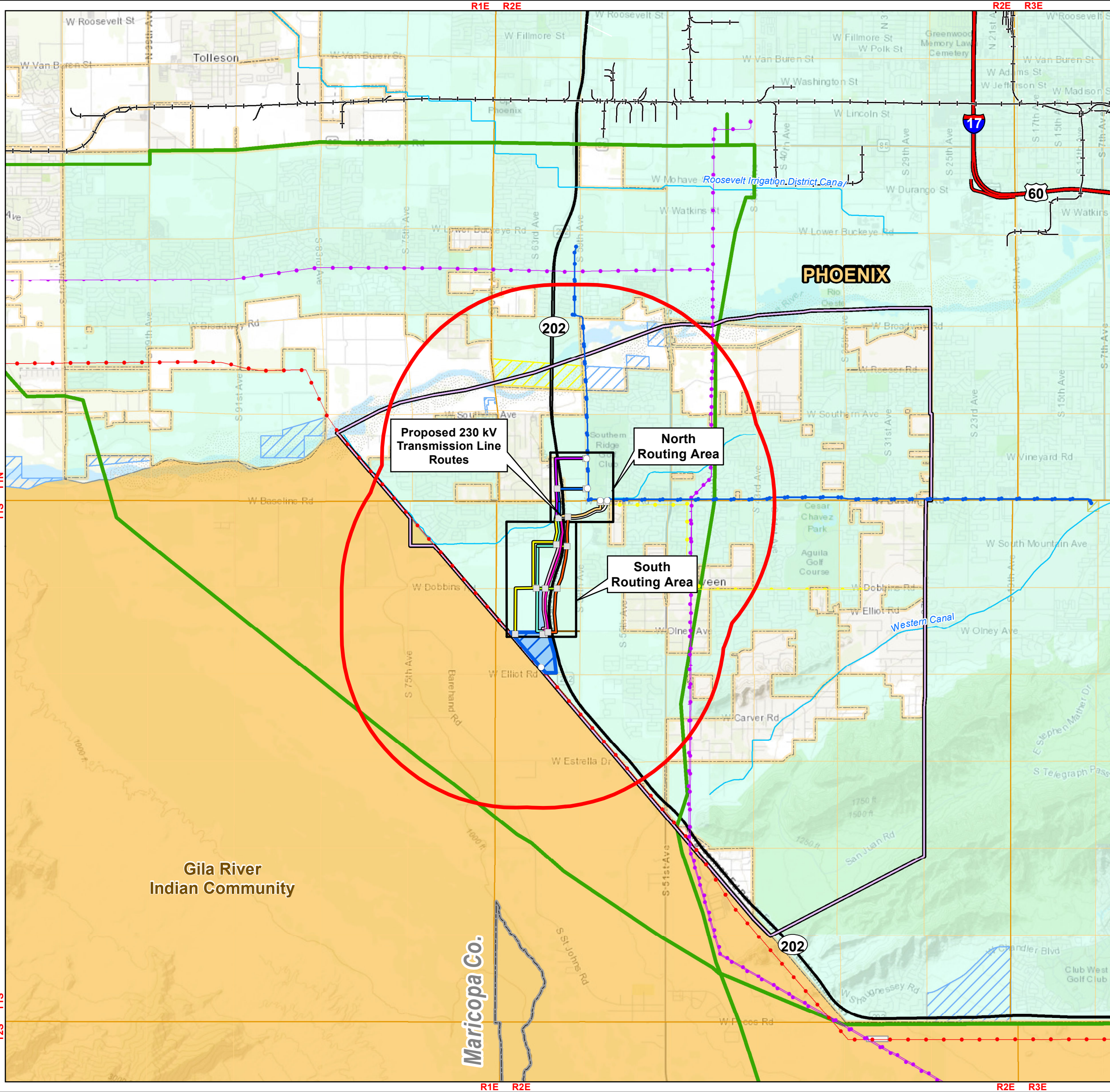
PROPOSED SOUTH MOUNTAIN
TRANSMISSION PROJECT

FIGURE A-1 JURISDICTION

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24

Author: ckww



Project Components

- Interconnection Point
- [Blue Hatched Box] New Substation Property
- [Red Outline Box] 2-Mile Buffer of Project

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

South Routing Area

- [Yellow Line] Route S1
- [Purple Line] Route S3
- [Dark Purple Line] Route S5

North Routing Area

- [Purple Line] Route N1
- [Brown Line] Route N3

Other Components

- [Red Dotted Line] Existing 500 kV Transmission Line - SRP
- [Purple Dotted Line] Existing 230 kV Transmission Line - Other
- [Green Line] Existing Natural Gas Pipeline
- [Black Line] State Highway
- [Black Line with Cross-Ticks] Railroad
- [Orange Dashed Line] Municipal Boundary
- [Blue Box] SRP-Owned Property
- [Orange Box] Section Boundary

Jurisdictional Land Ownership

- [Yellow Hatched Box] Bureau of Land Management Land
- [Brown Hatched Box] Bureau of Reclamation Ditch
- [Orange Box] Tribal Land

Jurisdiction

- [White Box] Unincorporated County

Legend

- [Grey Box] Node (Origin or Terminus)
- [Black Outline Box] Routing Area

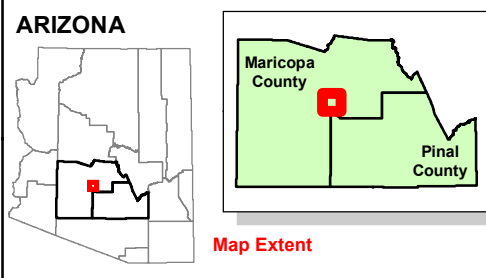
- [Green Line] Route S2
- [Brown Line] Route S4
- [Green Line] Link Option
- [Blue Line] Route N2
- [Grey Line] Route N4


- [Blue Dotted Line] Existing 230 kV Transmission Line - SRP
- [Yellow Dotted Line] Existing 69 kV Transmission Line - SRP
- [Red Line] Interstate Highway
- [Blue Line] Channel / Canal
- [Purple Outline Box] Laveen Village Boundary
- [Grey Outline Box] County Boundary
- [Orange Outline Box] Township / Range Boundary

- [Green Hatched Box] Bureau of Reclamation Land
- [Blue Hatched Box] State Land

- [Light Green Box] City of Phoenix

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



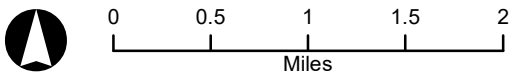


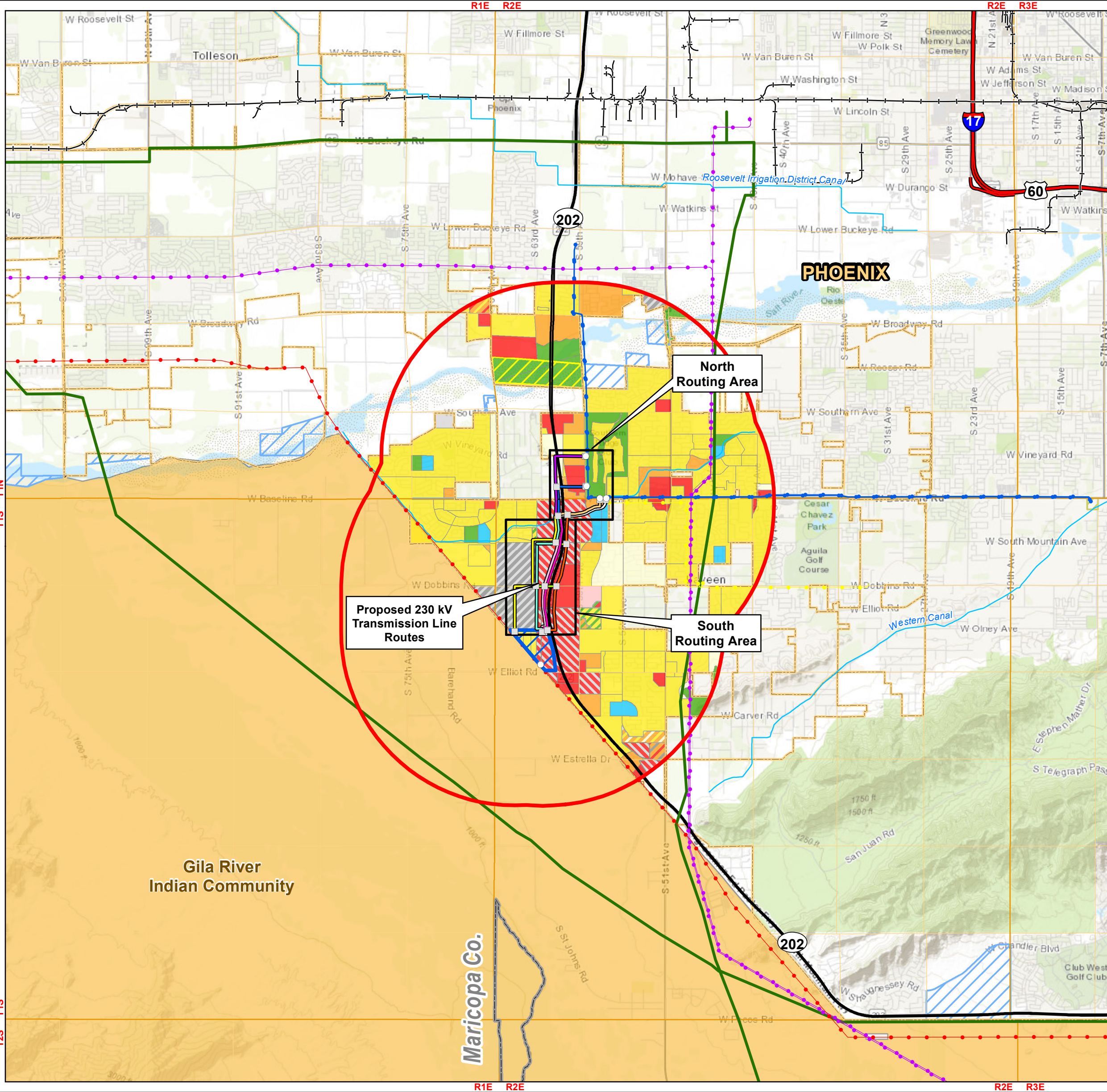
PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-2 JURISDICTION

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw





Legend

Project Components

- Interconnection Point
- ▨ New Substation Property
- ▭ 2-Mile Buffer of Project

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing Natural Gas Pipeline
- State Highway
- Railroad
- ▭ County 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	

Jurisdictional Land Ownership

▨ Bureau of Land Management Land	▨ Bureau of Reclamation Land
▨ State Land	▨ Tribal Land

Routing Area

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

South Routing Area

- Route S1
- Route S3
- Route S5

North Routing Area

- Route N1
- Route N3

Link Option

- Link Option

Other Routing Areas

- Route S2
- Route S4
- Route N2
- Route N4

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

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

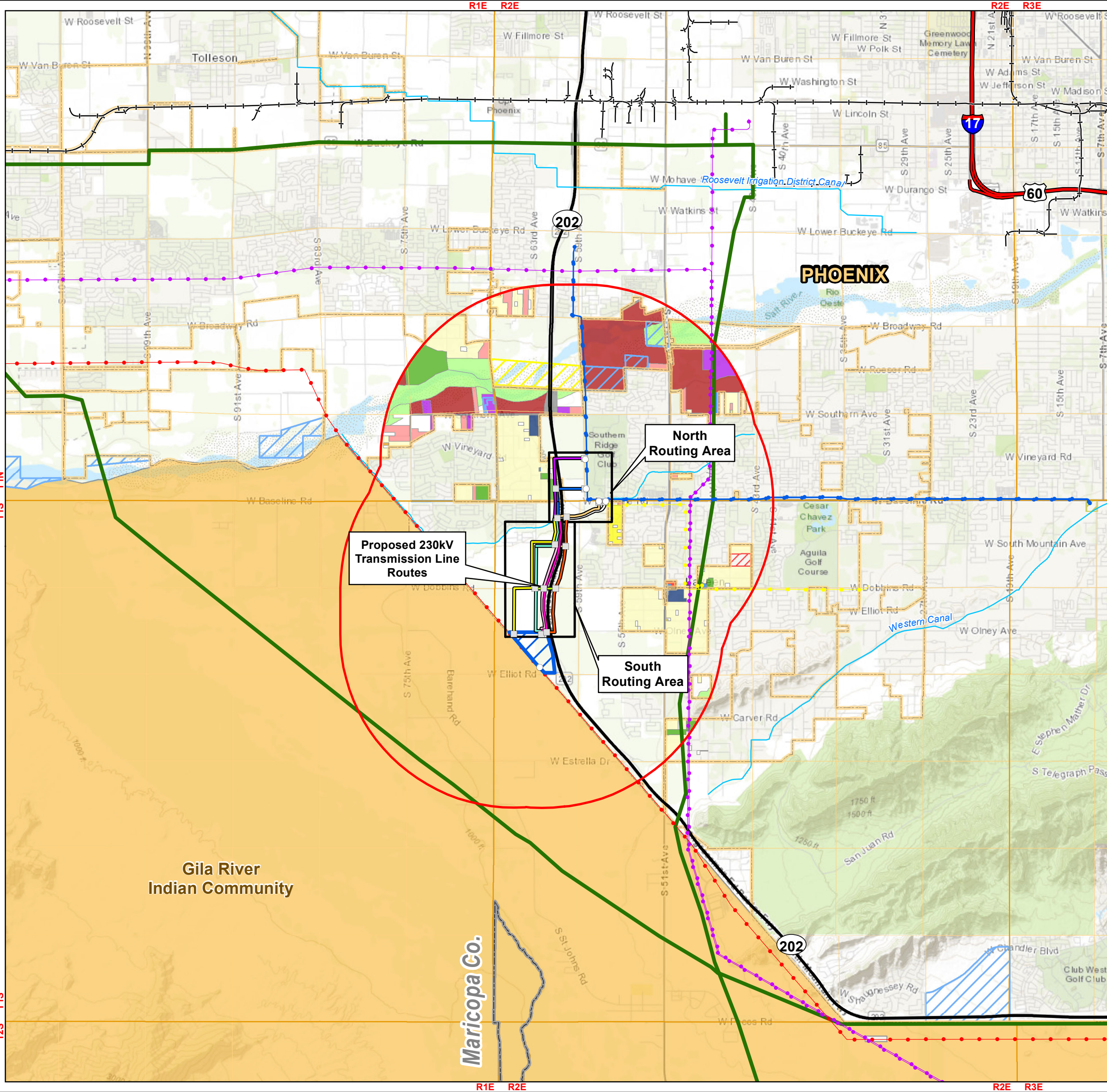
FIGURE A-3 PHOENIX GENERAL PLAN LAND USE

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 Author: ckvw

0 0.5 1 1.5 2 Miles

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
- ▨ New Substation Property
- ▭ 2-Mile Buffer of Project

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing Natural Gas Pipeline
- State Highway
- Railroad
- ▭ County 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

South Routing Area

- Route S1
- Route S3
- Route S5

North Routing Area

- Route N1
- Route N3

Other Components

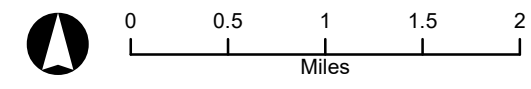
- Existing 230 kV Transmission Line - SRP
- Existing 69 kV Transmission Line - SRP
- Interstate Highway
- Channel / Canal
- Municipal Boundary
- Township / Range Boundary


Route S2

- Route S4
- Link Option

Route N2

- Route N4

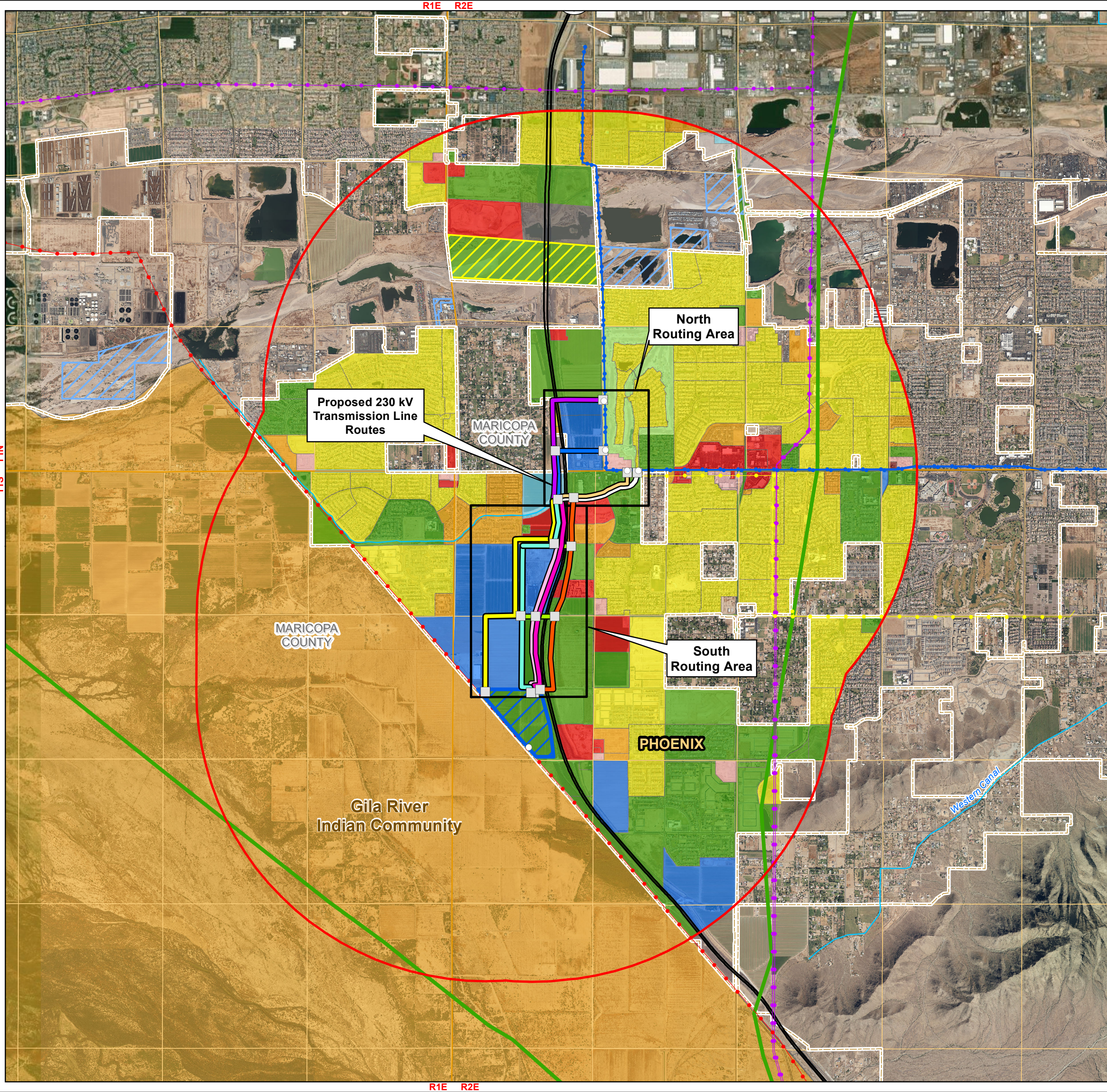




PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-4 MARICOPA COUNTY LAND USE

Map Extent: Maricopa & Pinal Counties, AZ	
Date: 09.11.24	Author: ckww



Legend

Project Components

- Interconnection Point
- [Blue Hatched Box] New Substation Property
- [Red Outline Box] 2-Mile Buffer of Project

- [Grey Box] Node (Origin or Terminus)
- [Black Outline Box] Routing Area

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

South Routing Area

- [Yellow Line] Route S1
- [Magenta Line] Route S3
- [Pink Line] Route S5
- [Cyan Line] Route S2
- [Orange Line] Route S4
- [Green Line] Link Option

North Routing Area

- [Purple Line] Route N1
- [Brown Line] Route N3
- [Blue Line] Route N2
- [Black Outline Box] Route N4

Other Components

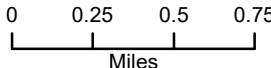
- [Red Dashed Line] Existing 500 kV Transmission Line - SRP
- [Purple Dashed Line] Existing 230 kV Transmission Line - Other
- [Green Line] Existing Natural Gas Pipeline
- [Blue Line] Channel / Canal
- [Black Line with Cross-Ticks] Railroad
- [Orange Outline Box] Section Boundary
- [Blue Dashed Line] Existing 230 kV Transmission Line - SRP
- [Yellow Dashed Line] Existing 69 kV Transmission Line - SRP
- [Black Line] State Highway
- [Brown Outline Box] Municipal Boundary
- [Orange Outline Box] Township / Range Boundary


City of Phoenix Zoning Districts

- [Grey Box] A-1 - Industrial
- [Pink Box] C-1 - Neighborhood Retail
- [Brown Box] C-O - Commercial Office, Restricted Commercial
- [Light Green Box] GC - Golf Course
- [Orange Box] R-2/3/4 - Multifamily Residence
- [Green Box] S-1 - Ranch or Farm Residence
- [Grey Box] A-2 - Industrial
- [Red Box] C-2 - Intermediate Commercial
- [Light Blue Box] CP / GCP - Commerce Park / General Commerce Park
- [Blue Box] PUD - Planned Unit Development
- [Yellow Box] R1-6/8/10/18/E35 - Single-Family Residence

Jurisdictional Land Ownership

- [Yellow Hatched Box] Bureau of Land Management Land
- [Blue Hatched Box] State Land
- [Green Hatched Box] Bureau of Reclamation Land
- [Orange Box] Tribal Land



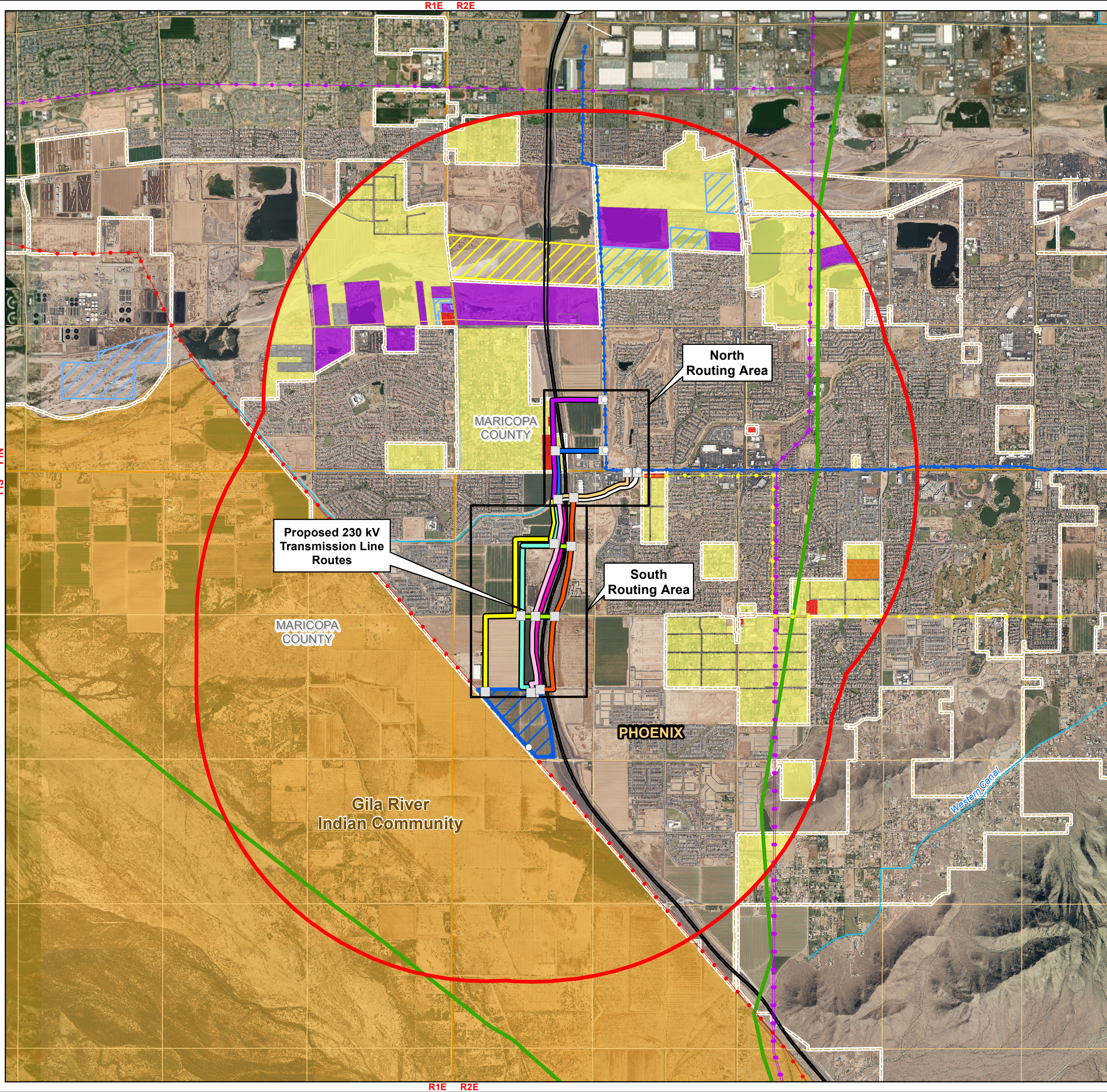


PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-5 CITY OF PHOENIX ZONING

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 | Author: ckvw



Legend

Project Components

- Interconnection Point
- ▨ New Substation Property
- ▭ 2-Mile Buffer of Project

Other Components

- Existing 500 kV Transmission Line - SRP
- Existing 230 kV Transmission Line - Other
- Existing Natural Gas Pipeline
- Channel / Canal
- Railroad
- 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

Routing Area

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

Route N1	Route N2
Route N3	Route N4

Node (Origin or Terminus)

- ▭ Routing Area

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

North Routing Area

South Routing Area

Proposed 230 kV Transmission Line Routes

North Routing Area

South Routing Area

PHOENIX

Gila River Indian Community

Western Canal

MARICOPA COUNTY

MARICOPA COUNTY

R1E R2E

T1S T1N

0 0.25 0.5 0.75

Miles

PROPOSED SOUTH MOUNTAIN TRANSMISSION PROJECT

FIGURE A-6 MARICOPA COUNTY ZONING

Map Extent: Maricopa & Pinal Counties, AZ

Date: 09.11.24 Author: ckww

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