

Santa Rita Connection Project



Welcome

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Por Favor Regístrese

6:00 - 8:00 pm

For more information - Para más información:



Purpose and Need

Need

Anticipated future load growth in the area south of Tucson

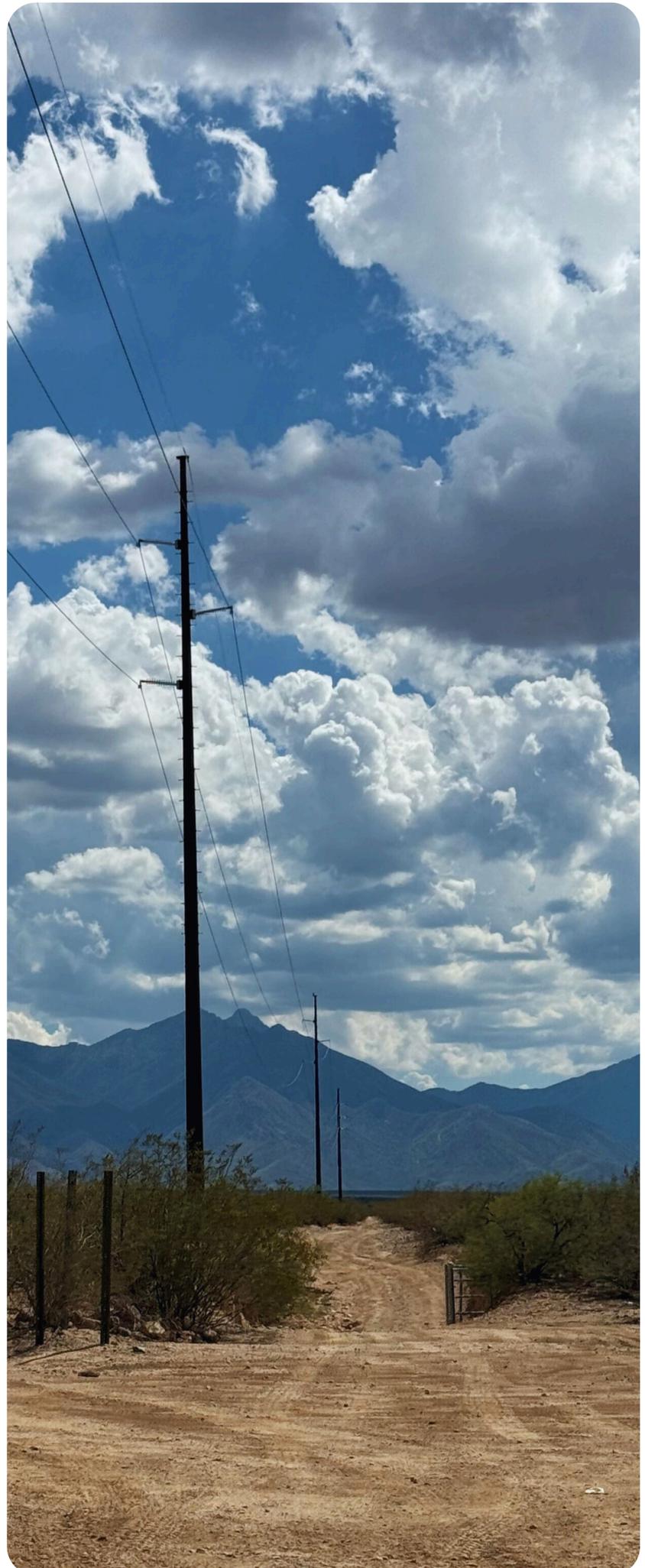
Enhance the regional grid by providing additional redundancy and stability

Purpose

Create additional pathway to accommodate anticipated future load growth

Provide greater capacity to help meet the current and future energy needs of the community

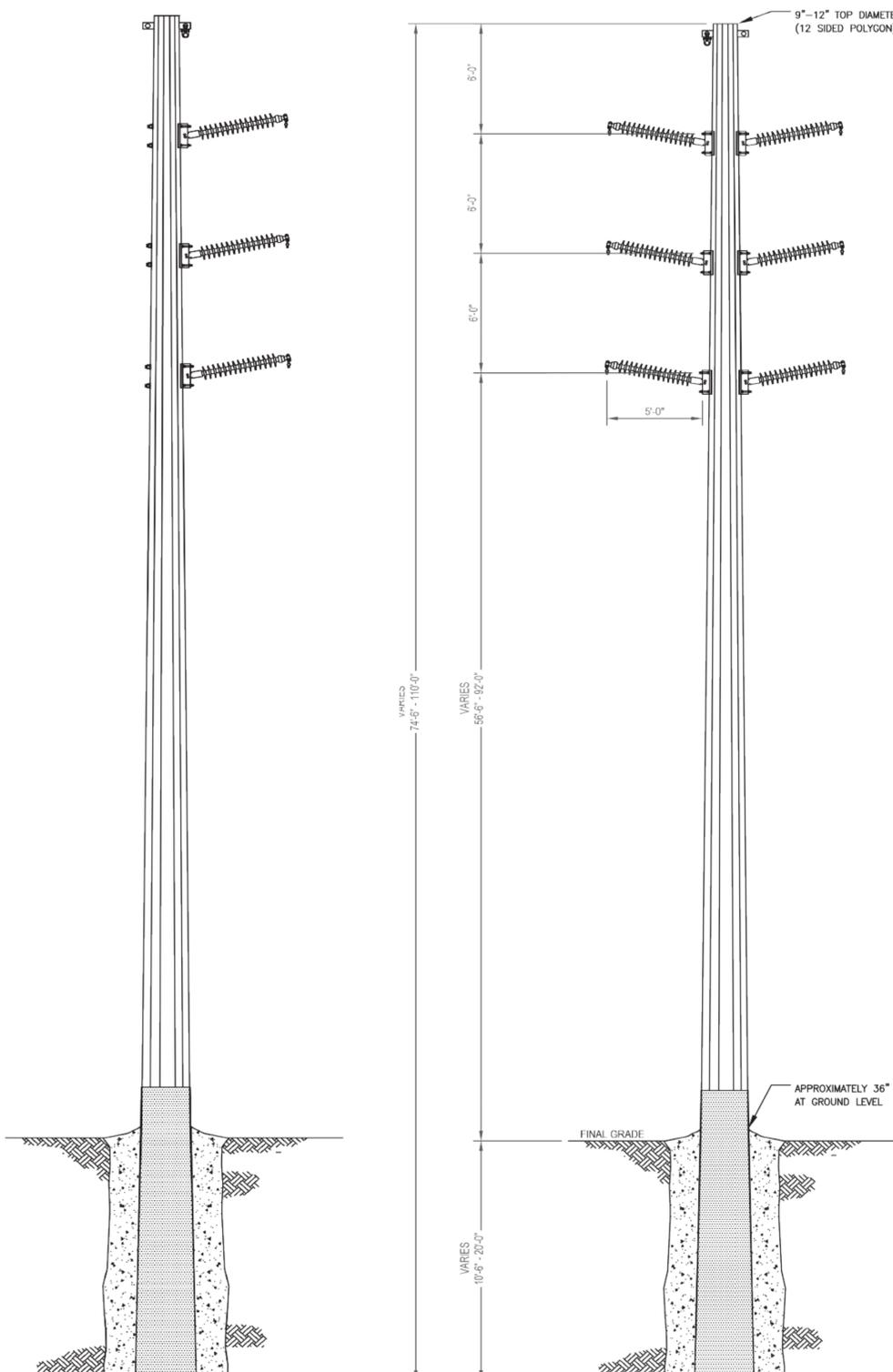
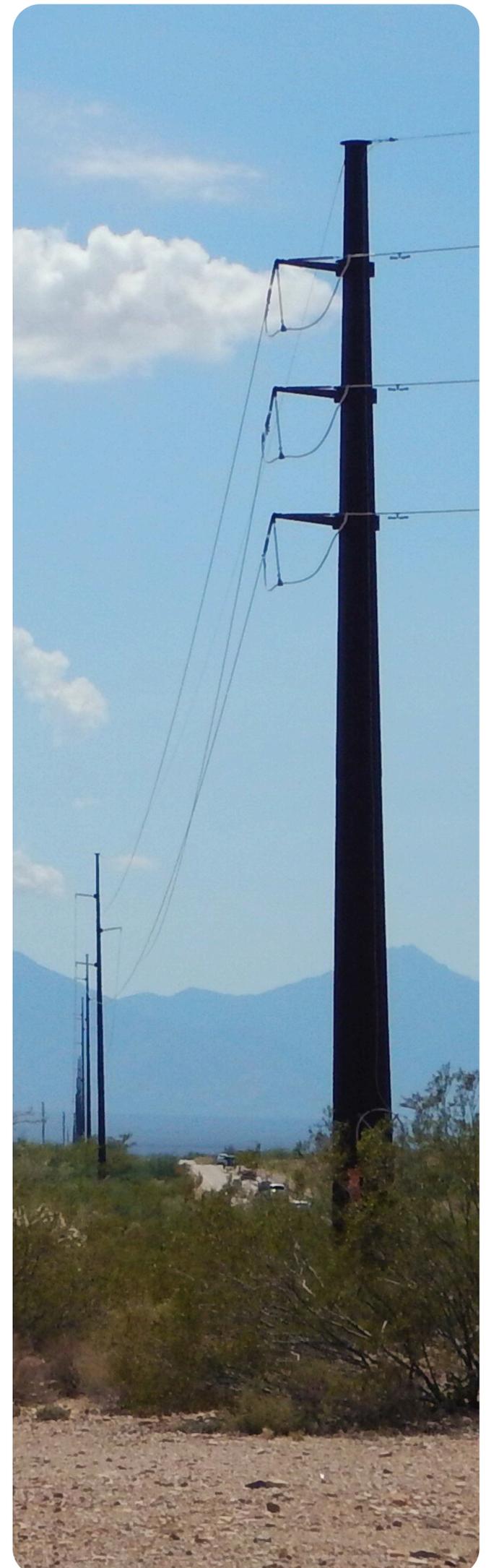
Provide additional redundancy for increased reliability in the area south of Tucson



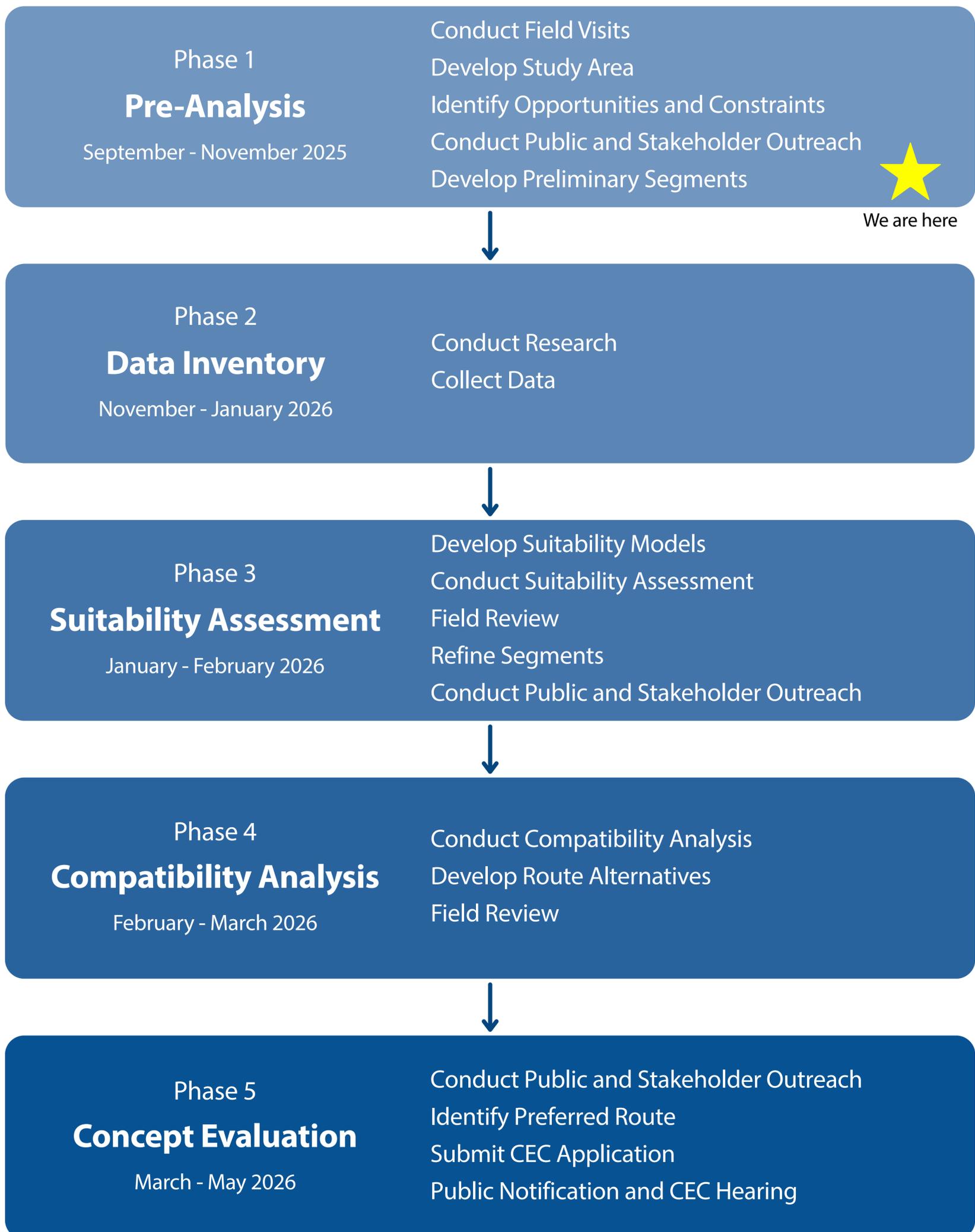
Transmission Line Characteristics

Single or Double-Circuit 138 Kilovolt

Structure Type	tubular, weathering steel monopoles
Typical Structure Height	75 - 85 feet
Typical Span Length	600 - 1,000 feet



Siting Process and Timeline



Siting Criteria

TEP will be applying for a Certificate of Environmental Compatibility from the Arizona Corporation Commission. Several criteria are required under the Arizona Revised Statutes to be evaluated when analyzing segments and selecting a preferred route. TEP also considers additional factors identified through public engagement and feedback.



Public input



Historic & cultural sites



Wildlife & plants



Scenic vistas



Existing & planned land use



Current or potential recreation areas



Overall environment



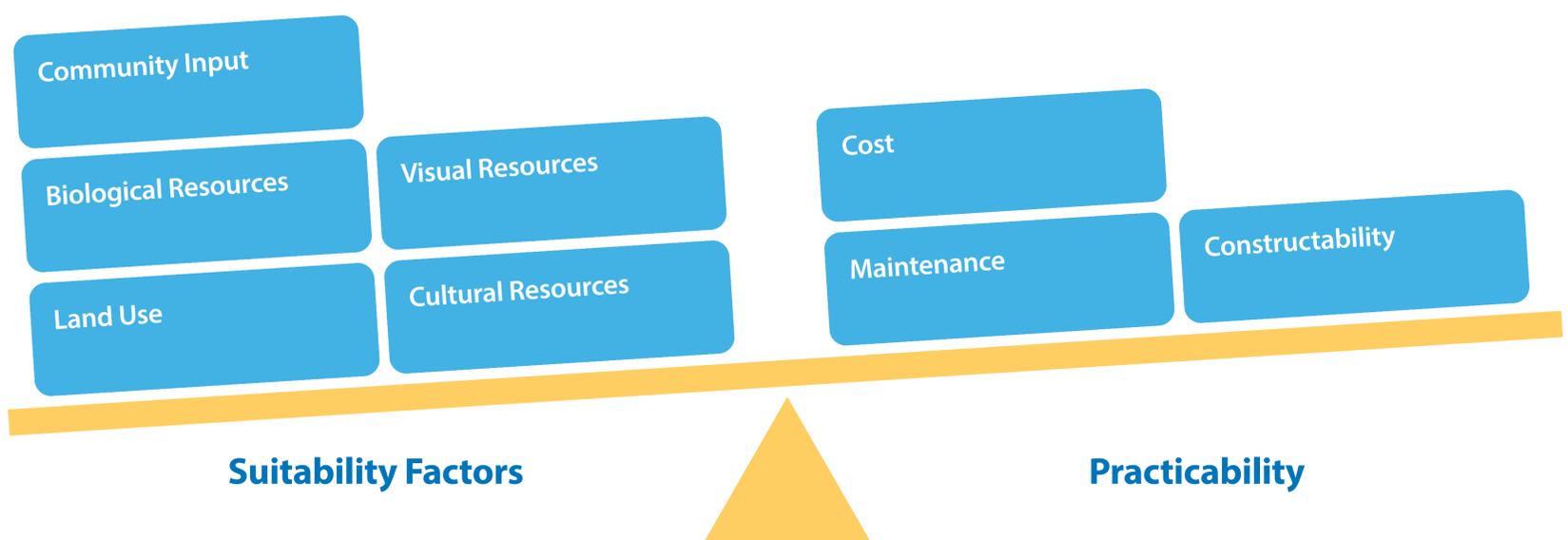
Engineering & construction feasibility



Noise emission levels & interference with communication signals



Project costs & potential impact on customer rates



Opportunities and Constraints

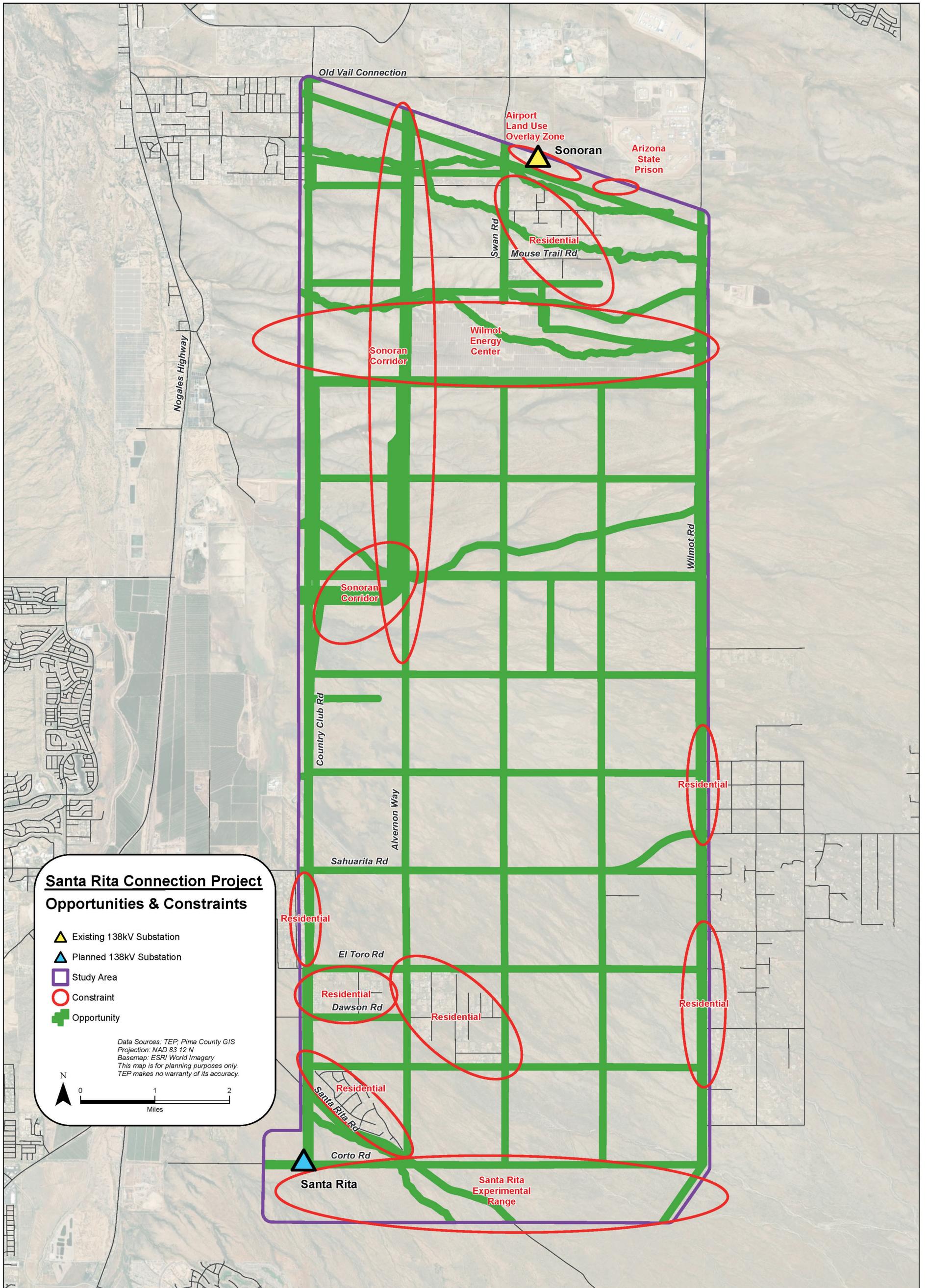
Opportunities

- Existing roads
- Existing utility corridors
- Major washes
- Section lines

Constraints

- Existing structures
- Zoning ordinance restrictions
- Protected and conservation lands
- Cultural or historic sites
- Biologically sensitive areas
- Residential areas





Santa Rita Connection Project Opportunities & Constraints

- Existing 138kV Substation
- Planned 138kV Substation
- Study Area
- Constraint
- Opportunity

Data Sources: TEP, Pima County GIS
Projection: NAD 83 12 N
Basemap: ESRI World Imagery
This map is for planning purposes only.
TEP makes no warranty of its accuracy.

Scale: 0 to 2 Miles

North Arrow: N

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