

Santa Cruz Reliability Project North

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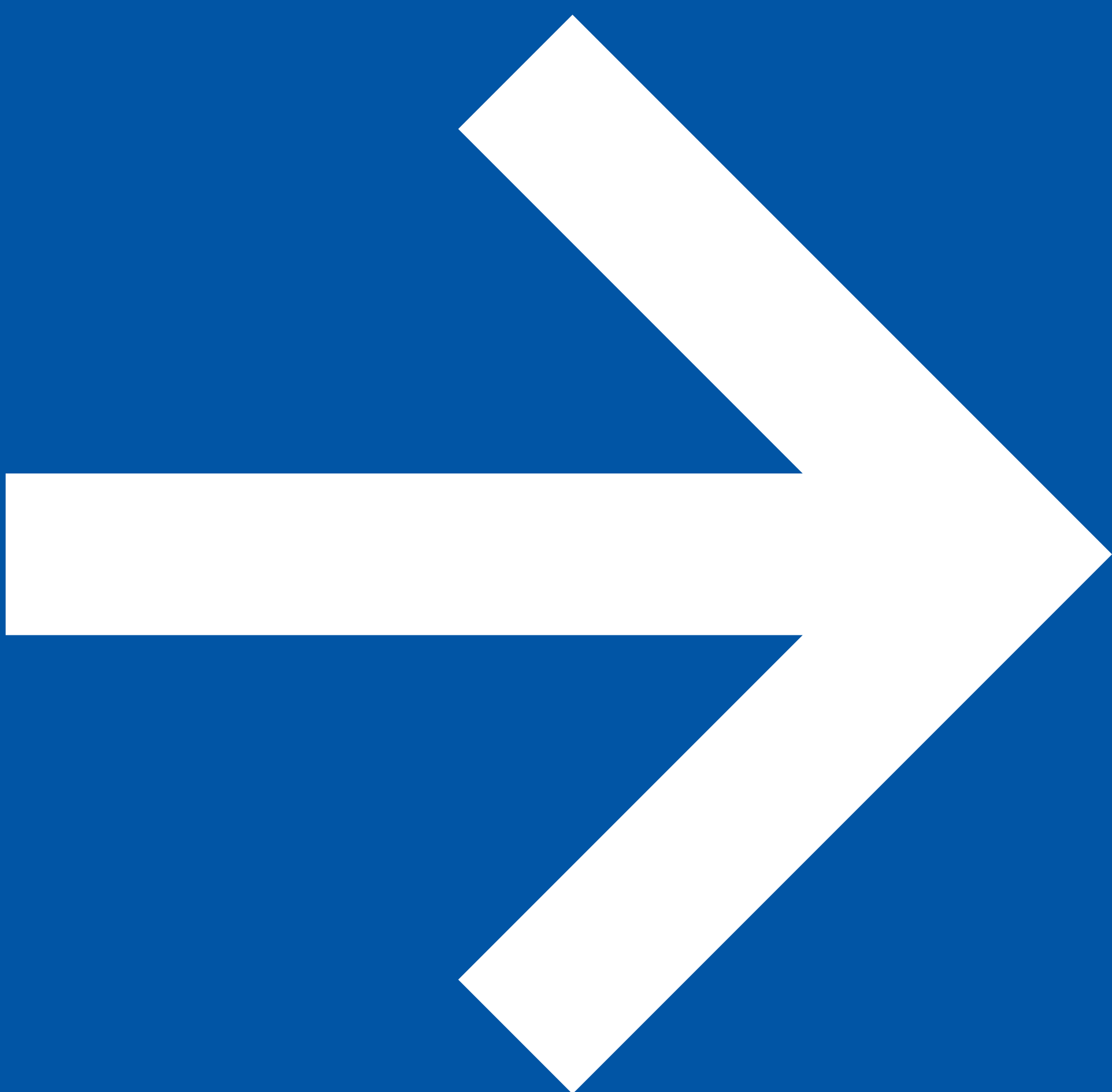
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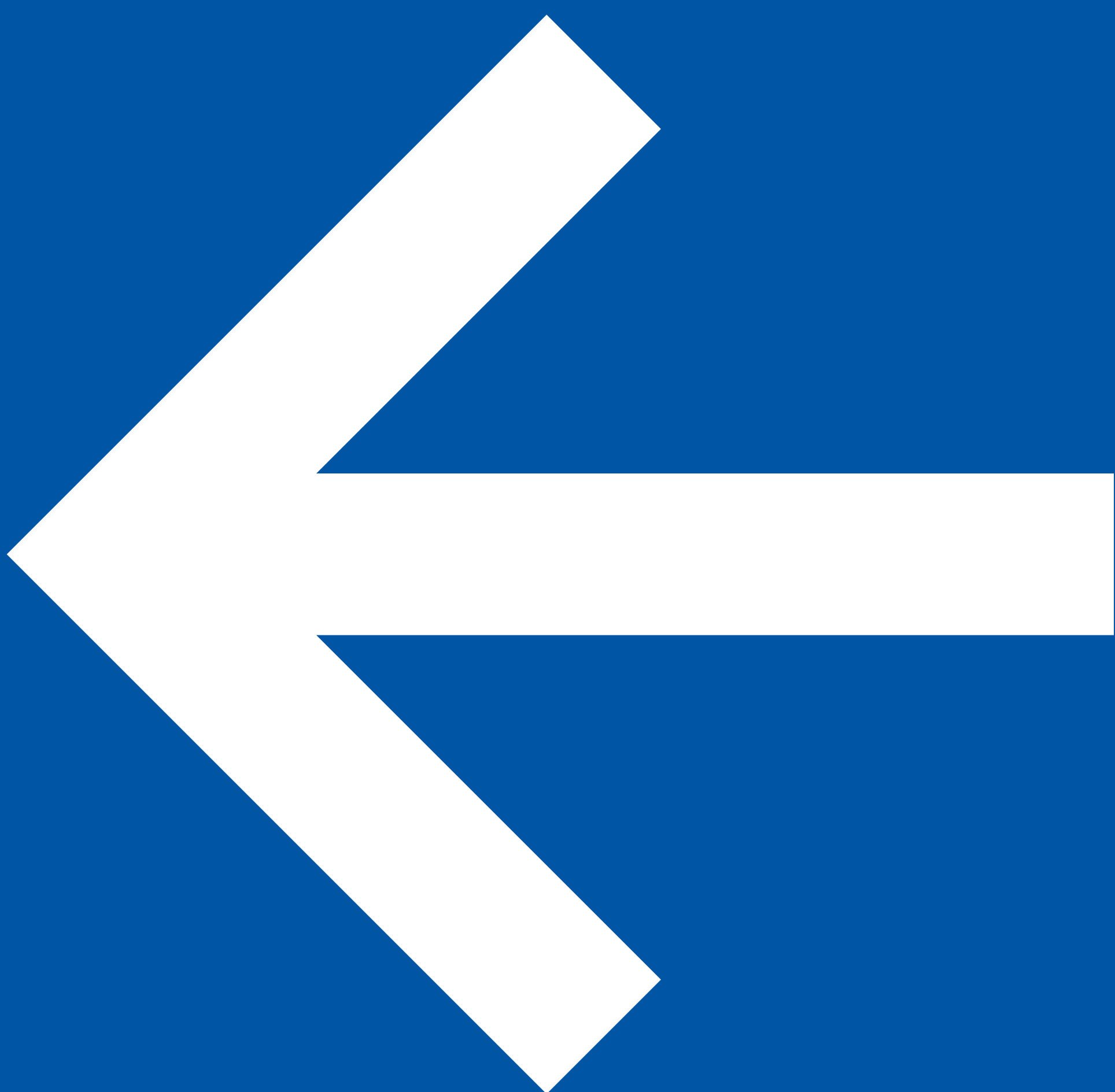
Santa Cruz Reliability Project North

Public Meeting This Way



Santa Cruz Reliability Project North

Public Meeting This Way



Purpose & Need

Purpose

Improve the reliability and resiliency of the electrical transmission system servicing Santa Cruz County



Need

Maintain and strengthen reliability for Santa Cruz County and its residents, businesses, and industries including hospitals, schools, ports of entry, and federal facilities

Meet current and future energy needs without impacting service to existing customers

Convert the current radial line configuration servicing Santa Cruz County to a looped transmission system

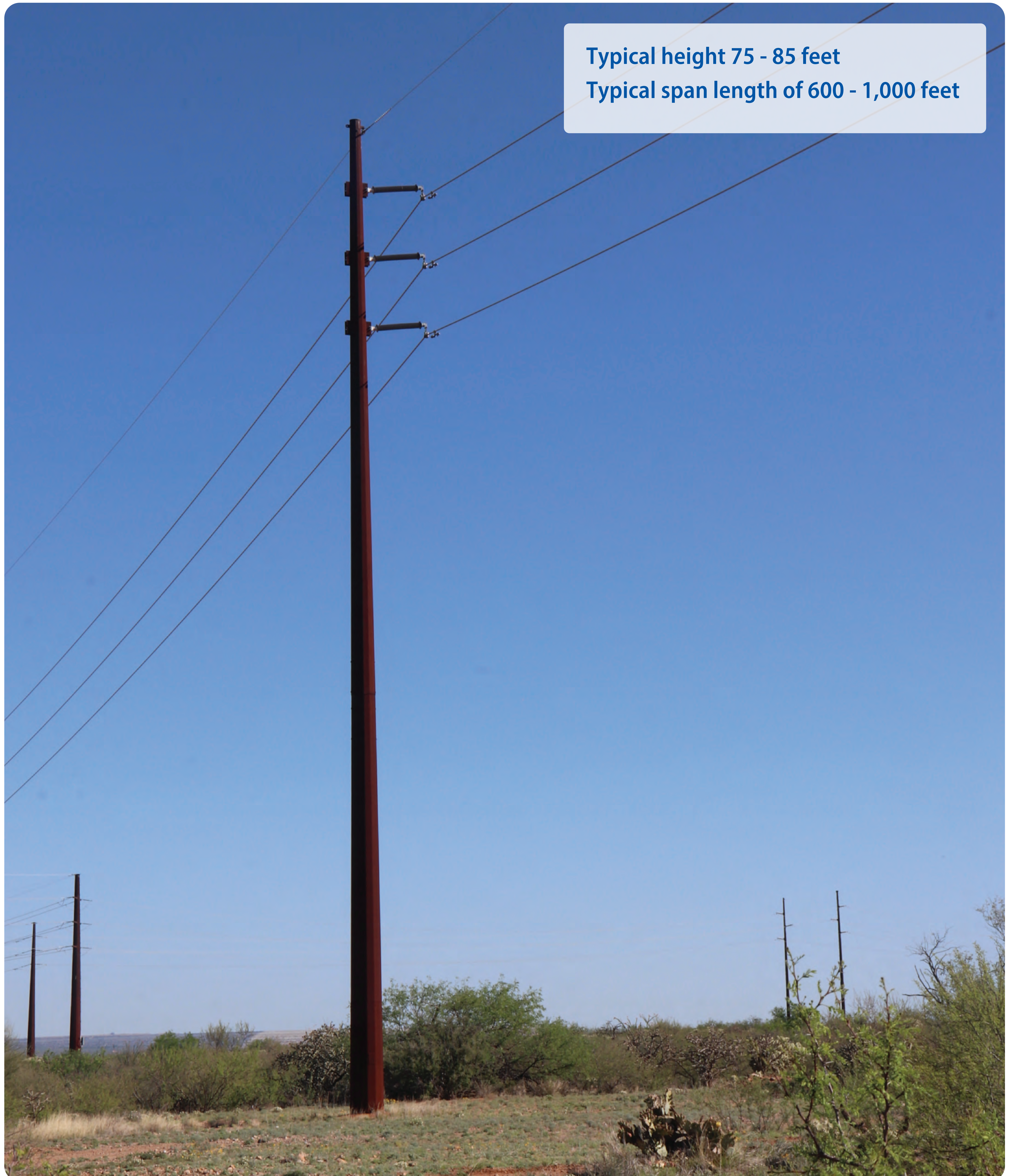
Reduce and eliminate the potential for a major and sustained outage in Santa Cruz County

Support maintenance and other upgrades, allowing work to be performed without interrupting system operations

Example Pole Structure

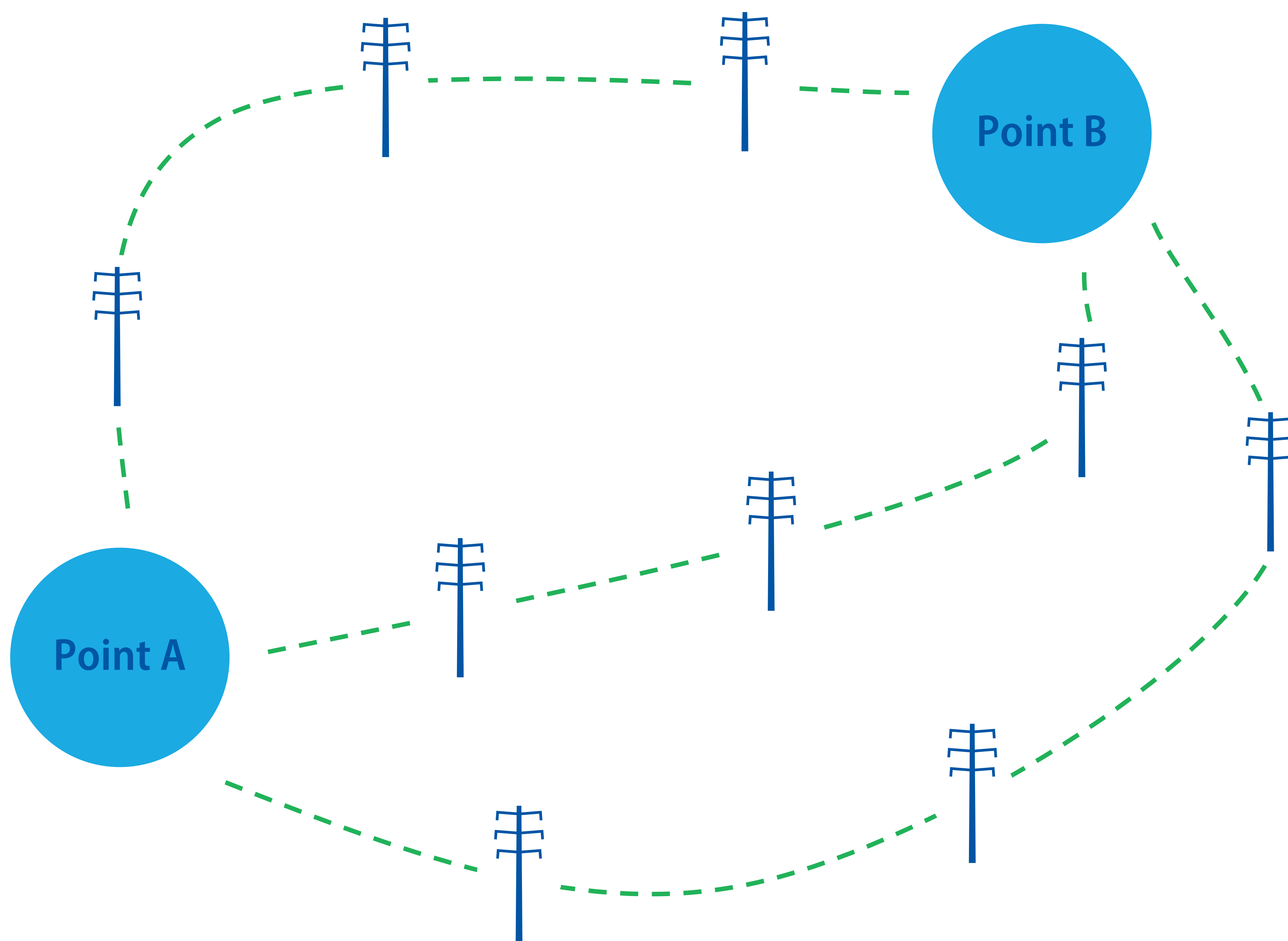
Tubular, Weathering Steel Monopoles

Typical height 75 - 85 feet
Typical span length of 600 - 1,000 feet



What is Siting?

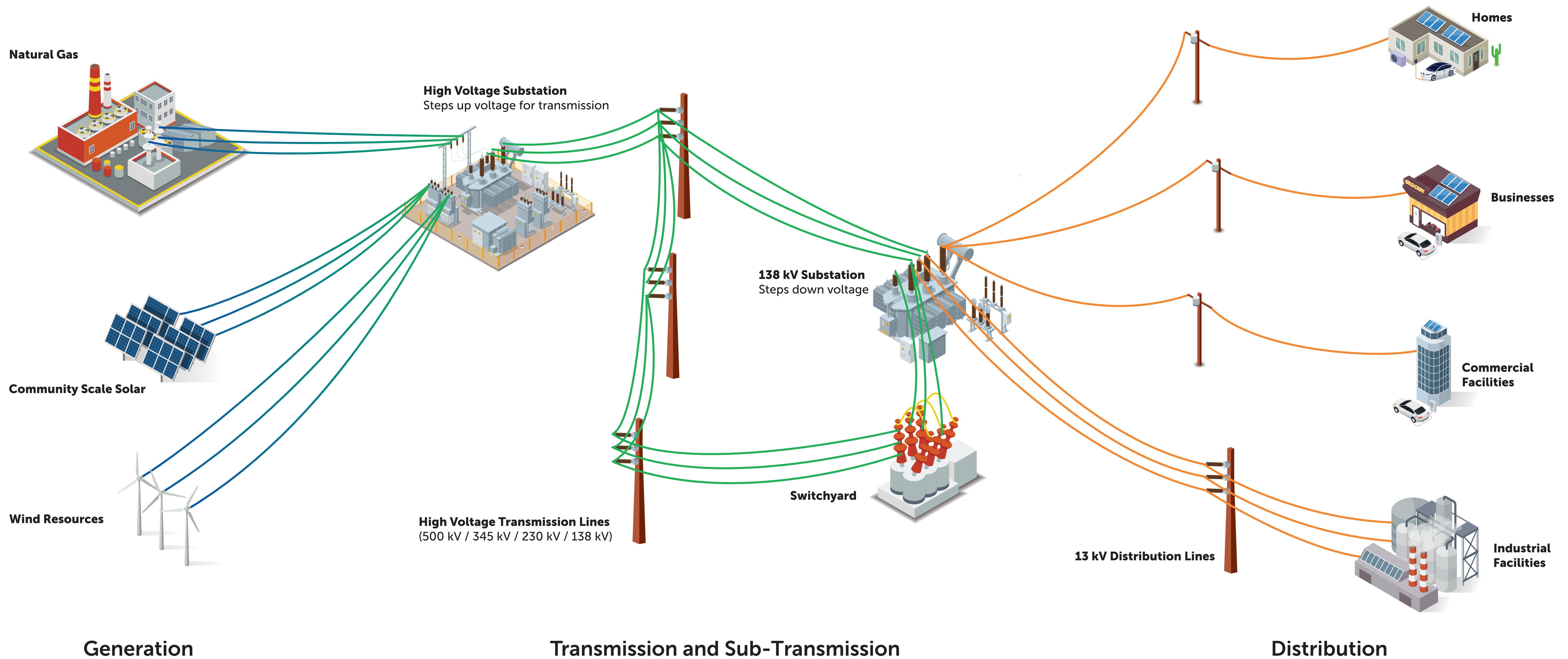
The process of determining the exact route or location where a high-voltage transmission line will be built between two or more points. These points could be new or existing substations, switchyards or energy resources.



A component of siting is permitting. Under Arizona law (A.R.S. § 40-360 et seq.), certain transmission line configurations require a Certificate of Environmental Compatibility (CEC) before construction and operation along an approved route.

Our Energy Grid

How we deliver electric service to you



Project Route Development and Evaluation

UniSource considers factors important to the community and environment, and balances them with constructability, maintenance, and cost to find the most suitable path for the transmission line that satisfies the need for the project.

Suitability Factors

Community Input

Biological Resources

Land Use

Visual Resources

Cultural Resources

Practicability

Cost

Maintenance

Constructability



Siting Process Flowchart

Phase 1: **Pre-Analysis**

Conduct Field Visits
Develop Study Area
Identify Opportunities and Constraints
Conduct Public and Stakeholder Outreach
Develop Preliminary Segments

Phase 2: **Data Inventory**

Conduct Research and Collect Data



We Are
Here

Phase 3: **Suitability Assessment**

Develop Suitability Models
Conduct Suitability Assessment
Field Review
Refine Segments

Phase 4: **Compatibility Analysis**

Conduct Compatibility Analysis
Develop Route Alternatives
Conduct Public and Stakeholder Outreach
Identify Preferred Route

Phase 5: **Concept Evaluation**

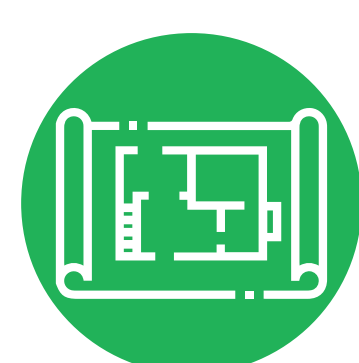
Field Review
Submit CEC Application
Public Notification and Hearing

Siting Considerations

The Arizona Corporation Commission will consider several factors before approving a Certificate of Environmental Compatibility. These factors, used by UniSource to analyze potential line routes, include:



Wildlife & plant life



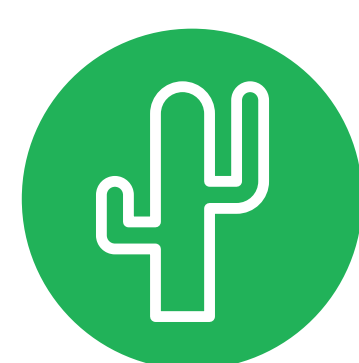
Existing development plans



Scenic areas, historic sites
& archaeological sites
and structures



Engineering feasibility and
challenges



Environment



Project costs & potential
impacts on customer rates



Noise emission levels &
interference with
communication signals



Public input



Potential public
recreational uses

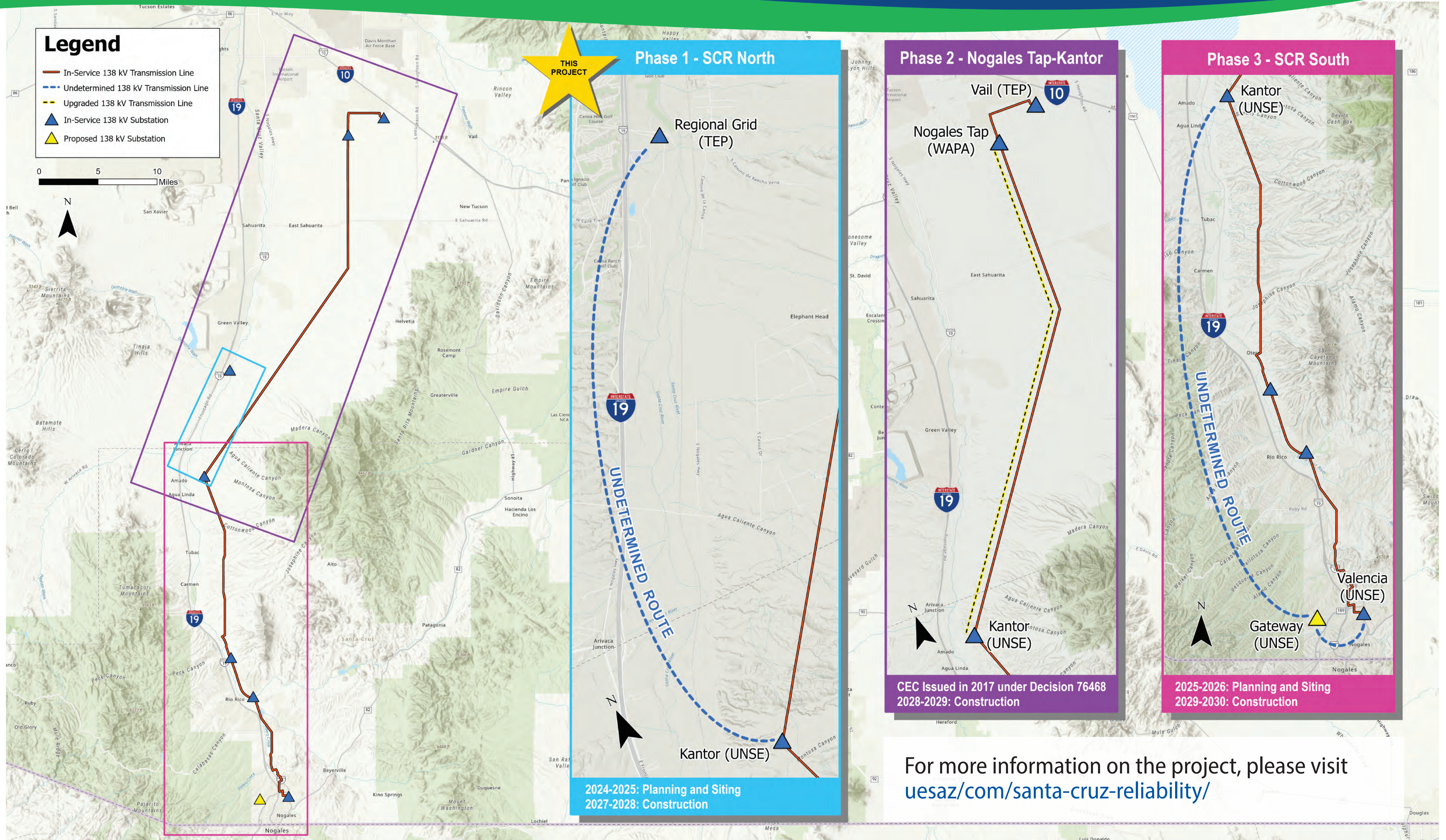


Interested in shaping the evaluation of transmission line routes? Scan the QR code or complete a comment form to share your perspective on the values that matter most to you in this assessment.

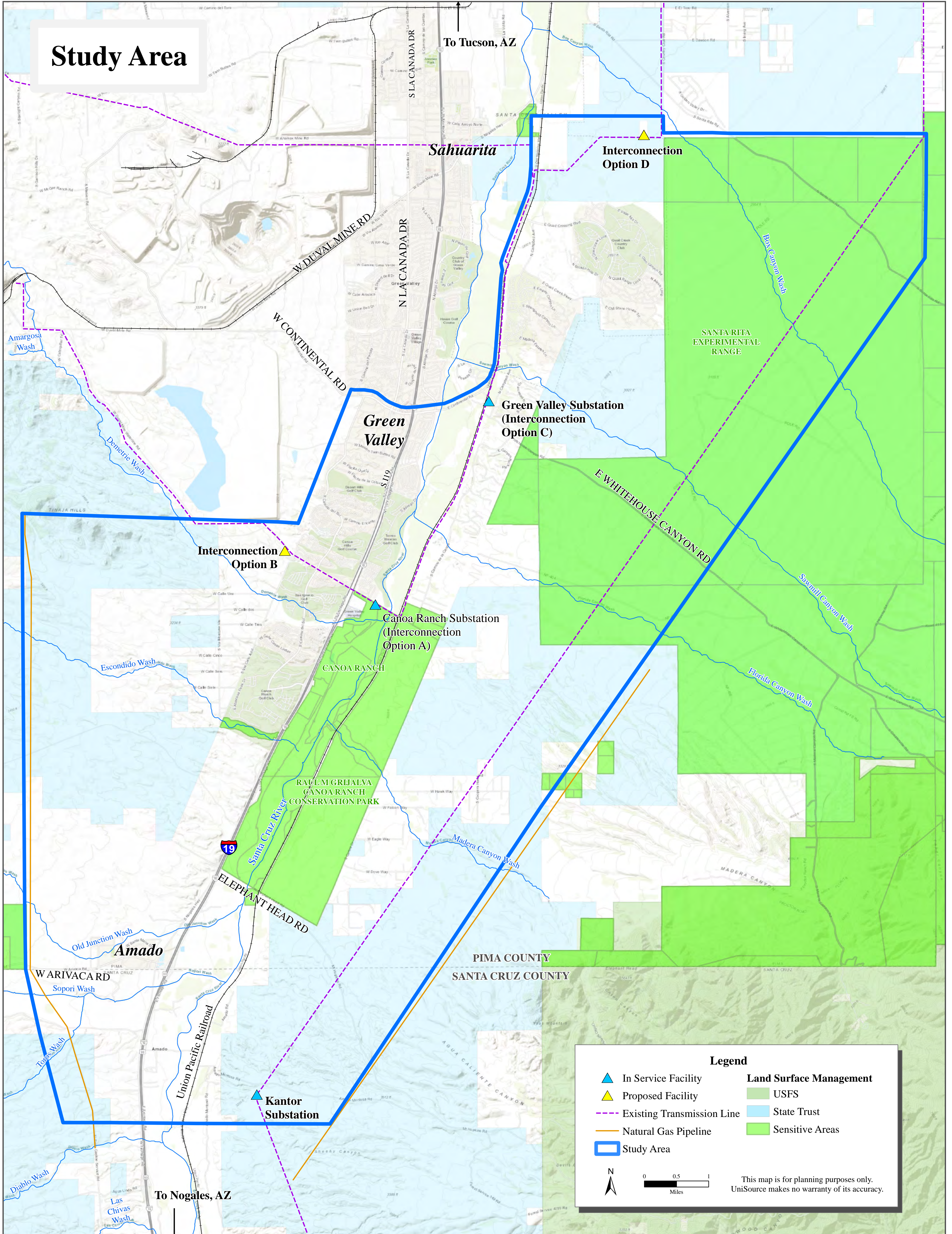
Kantor Substation Upgrades



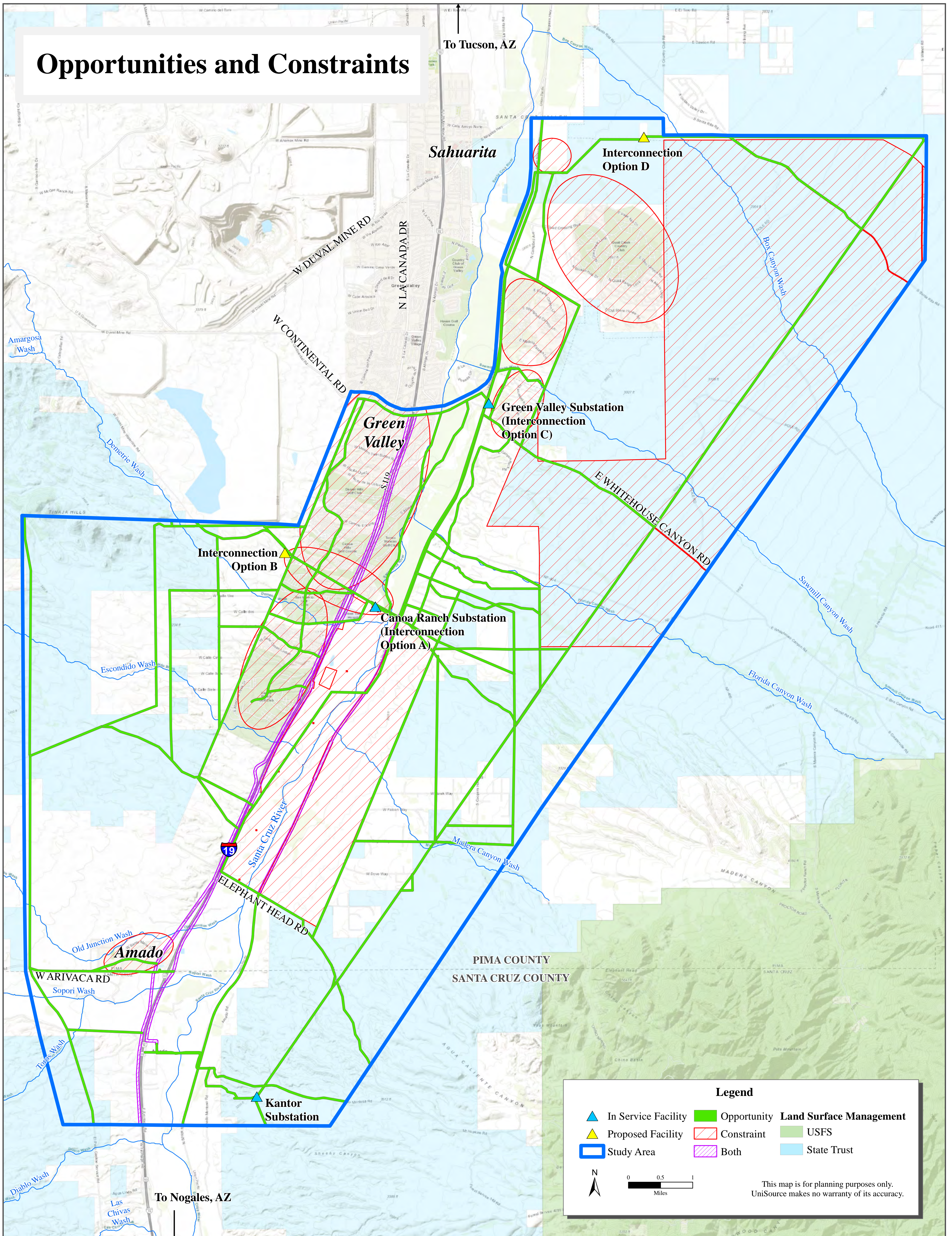
Santa Cruz Reliability Project



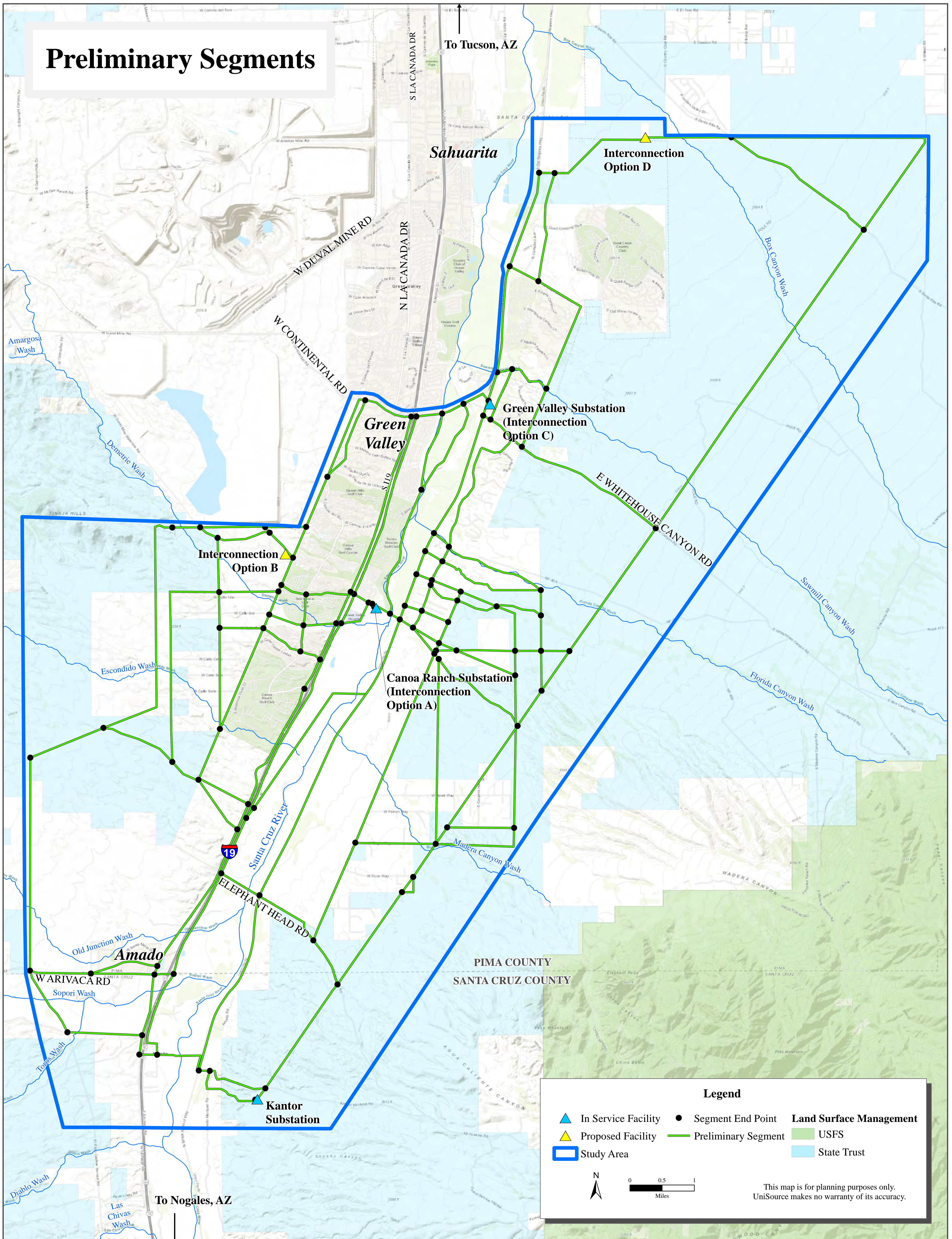
Study Area



Opportunities and Constraints

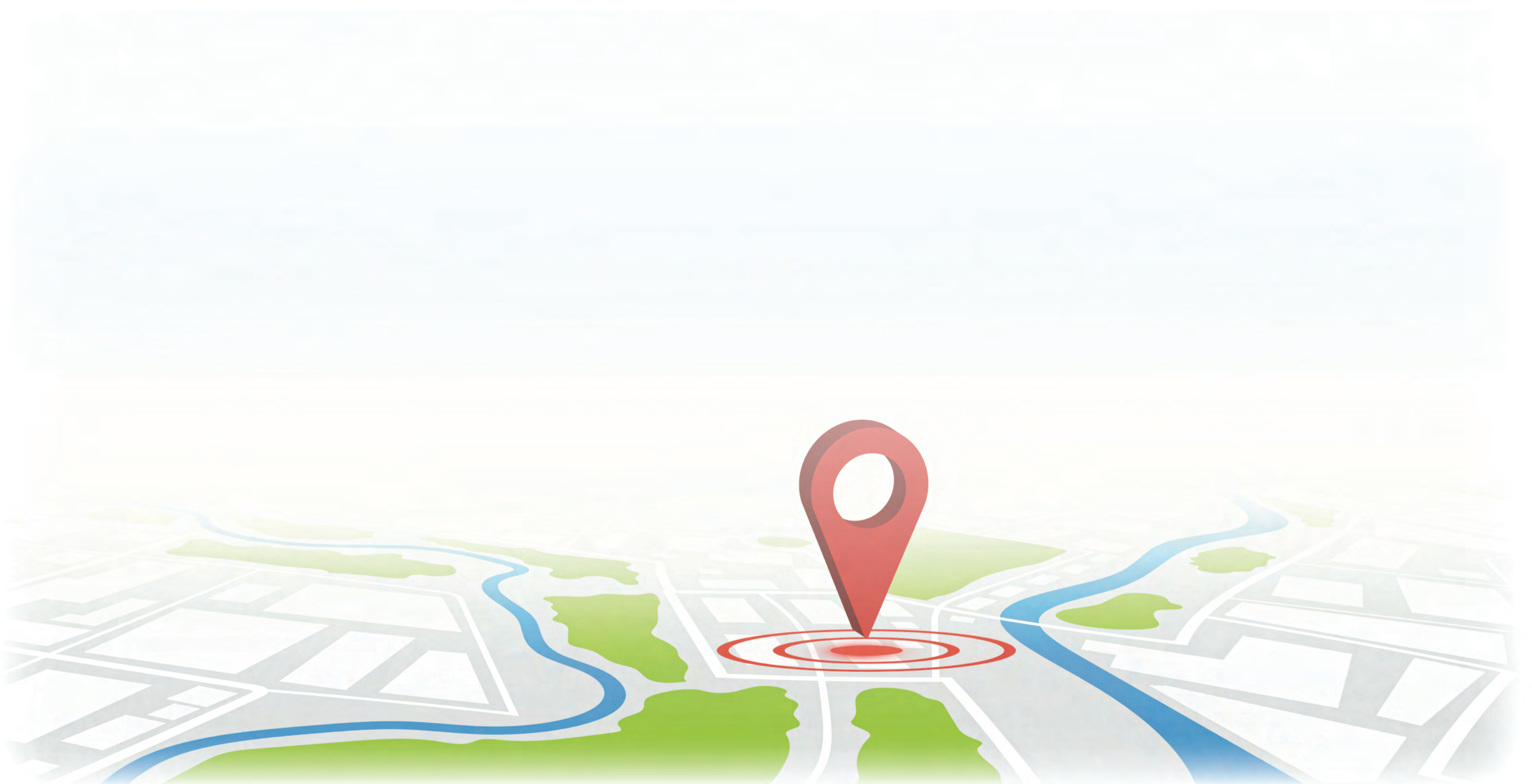


Draft Preliminary Segments



Interactive Map Station

Provide Your Spatial Comments



We Want To Hear From You

How to Provide Official Public Comment:

Fill out an online comment form at:
uesaz.com/santa-cruz-reliability-north

Email comments to:
scrnorth@uesaz.com

Call:
(520) 917-6635 and leave a voicemail
message

Mail a letter with comments to:
ATTN: Santa Cruz Reliability North
P.O. Box 711
Mail Stop CB200
Tucson, AZ 85701-0711

An interactive map is posted on our website.

More Information

uesaz.com/santa-cruz-reliability-north/



Cómo proporcionar un comentario público oficial:

**Llenando un formulario de comentarios en
línea:**
uesaz.com/santa-cruz-reliability-north

Enviando comentarios por correo electrónico a:
scrnorth@uesaz.com

Llamando al:
(520) 917-6635 y dejando un mensaje de voz

Enviando una carta con comentarios a:
A/A: Confiabilidad de Santa Cruz Norte
P.O. Box 711
Mail Stop CB200
Tucson, AZ 85701-0711

Para ver un mapa interactivo, visite la página
web del proyecto.

Más información

uesaz.com/proyecto-de-confiabilidad-de-santa-cruz-norte

