

Northwest Marana Reliability Project

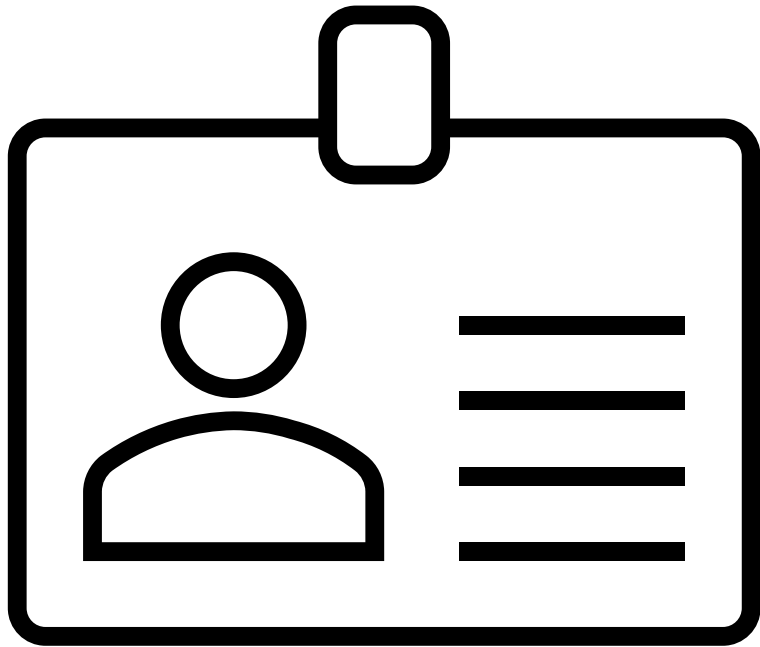
ADRIANA MARIÑEZ

SITING, OUTREACH, AND ENGAGEMENT PROJECT MANAGER



Tucson Electric Power

WELCOME



Please sign in by typing your name and organization into the chat.

PROJECT VIDEO



Pole Structure

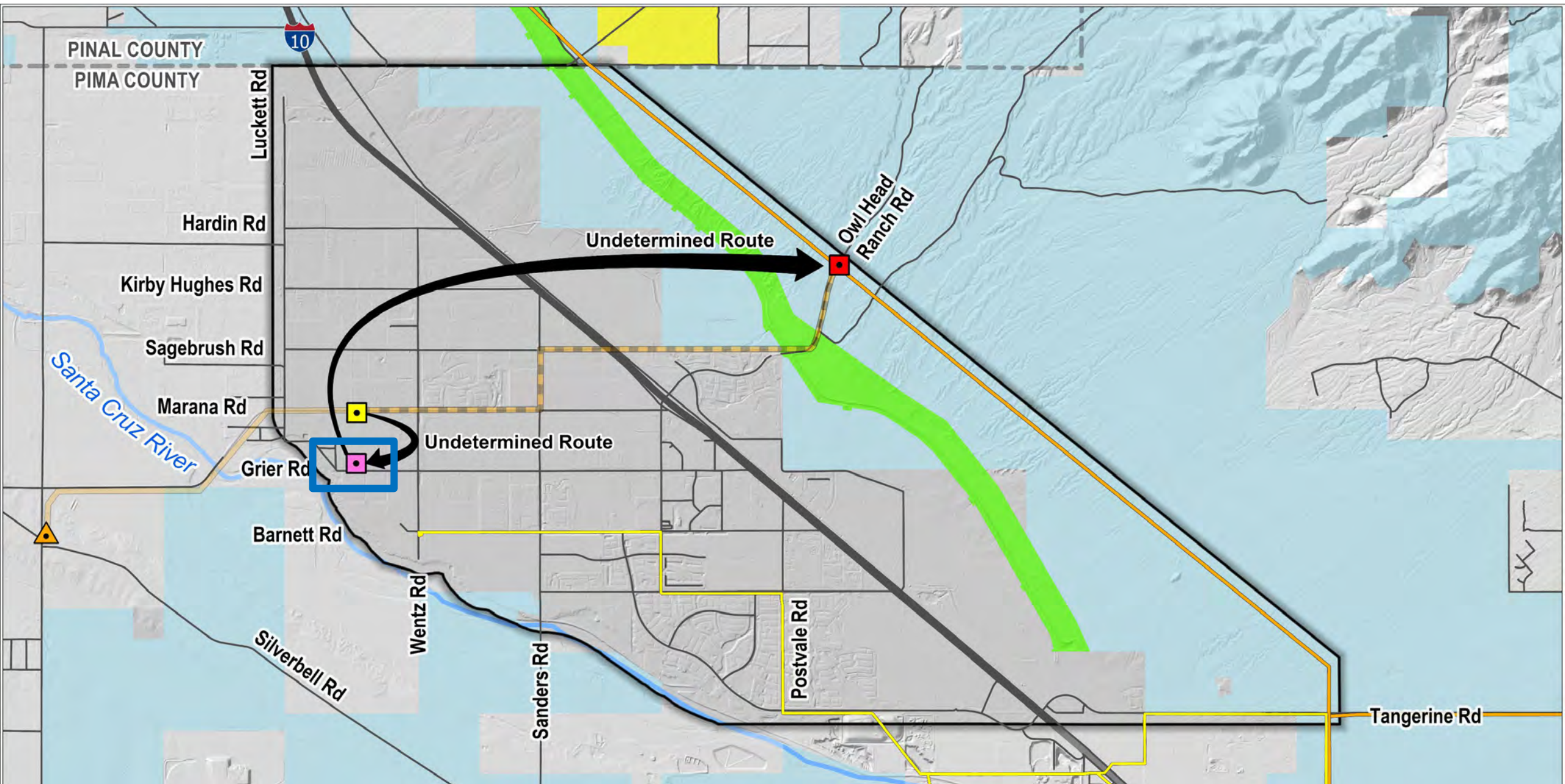
Tubular
Weathering Steel
Monopoles



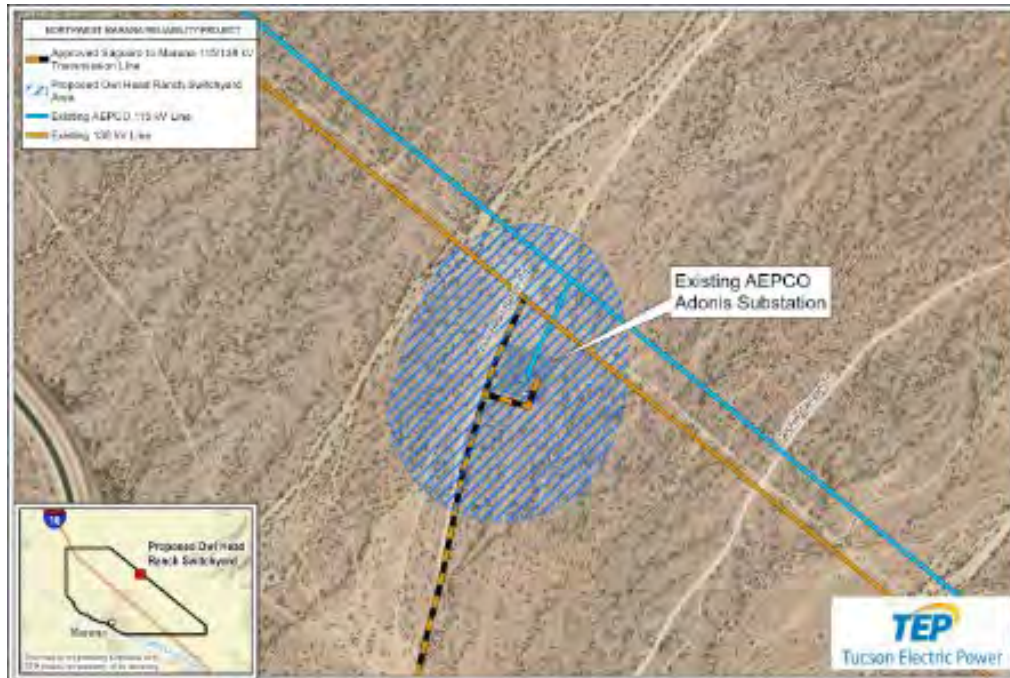
Typical structure, approximately 74 feet in height, located at 967 S Pantano Rd in Tucson.

Grier Substation





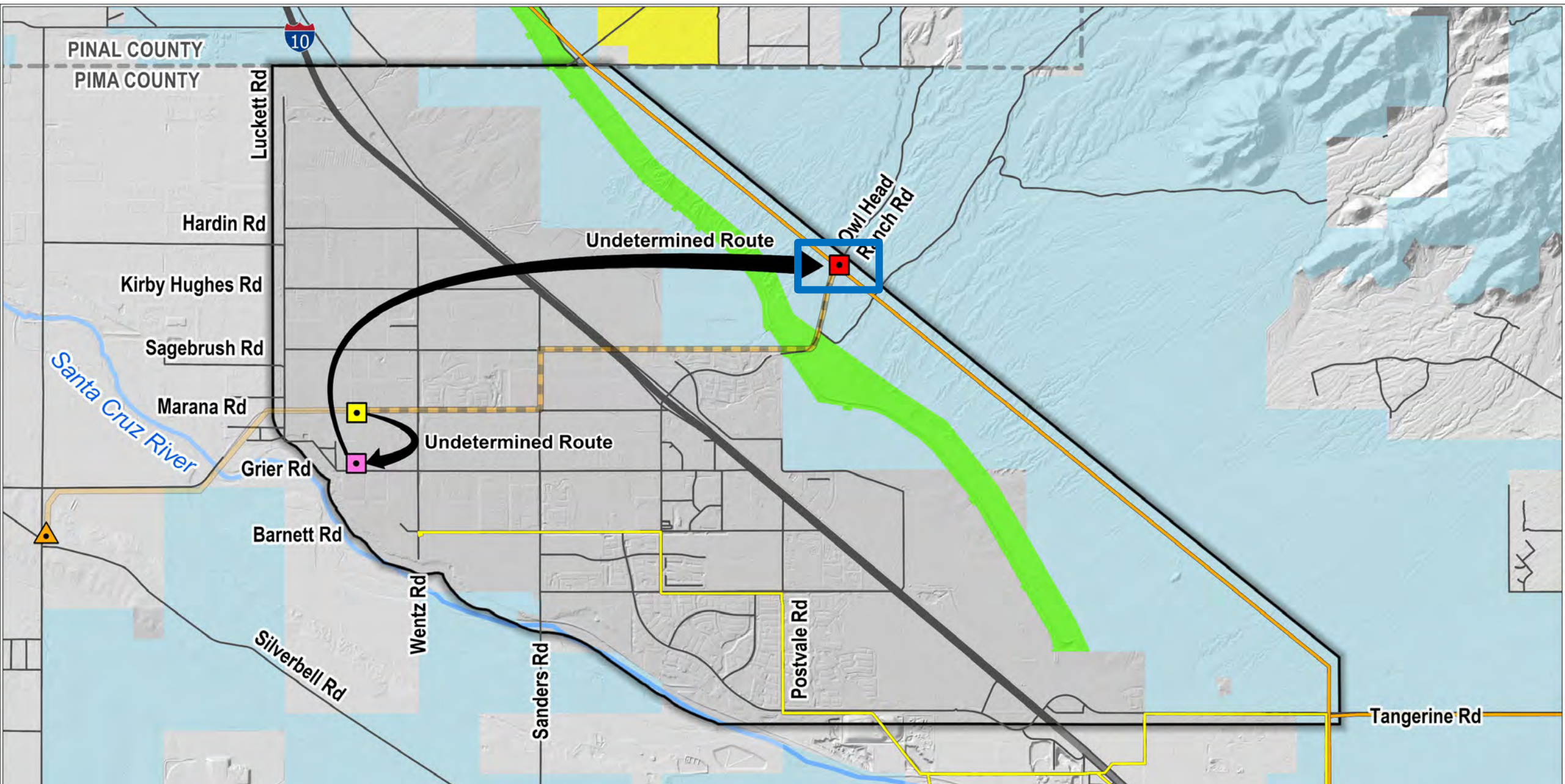
Owl Head Ranch Switchyard



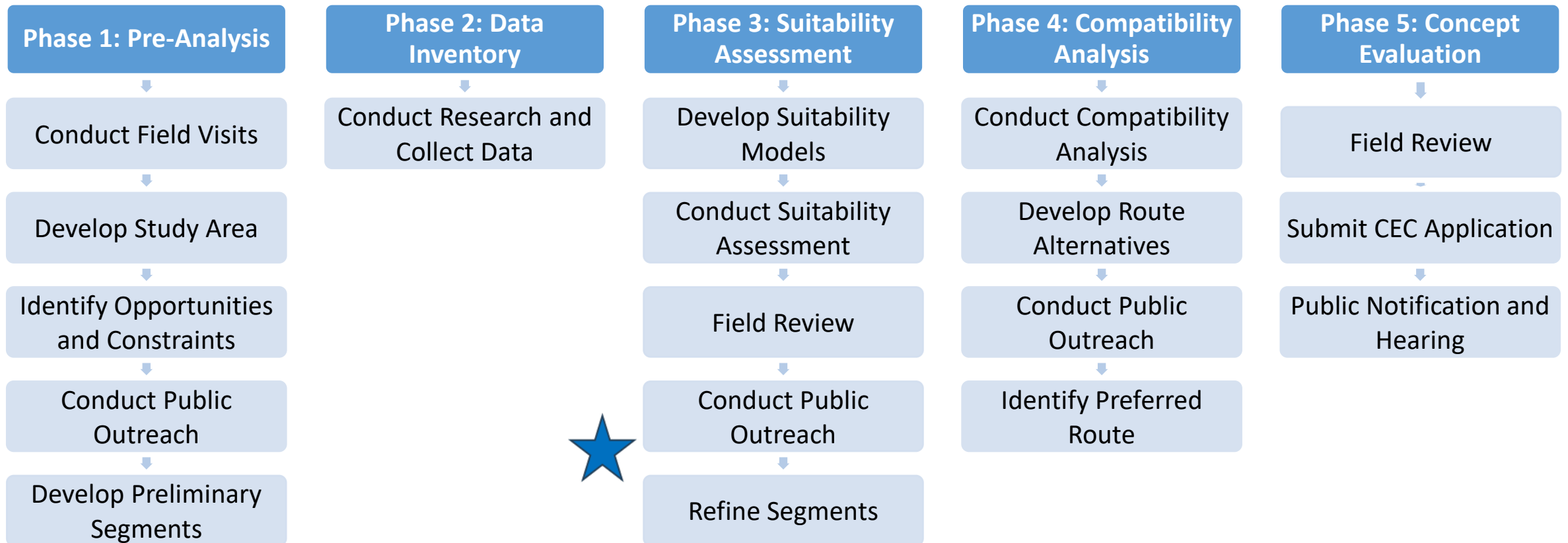
The proposed Owl Head Ranch Switchyard will be built near the existing Arizona Electric Power Cooperative's (AEPCC's) Adonis Substation.



TEP's Existing Sonoran Substation

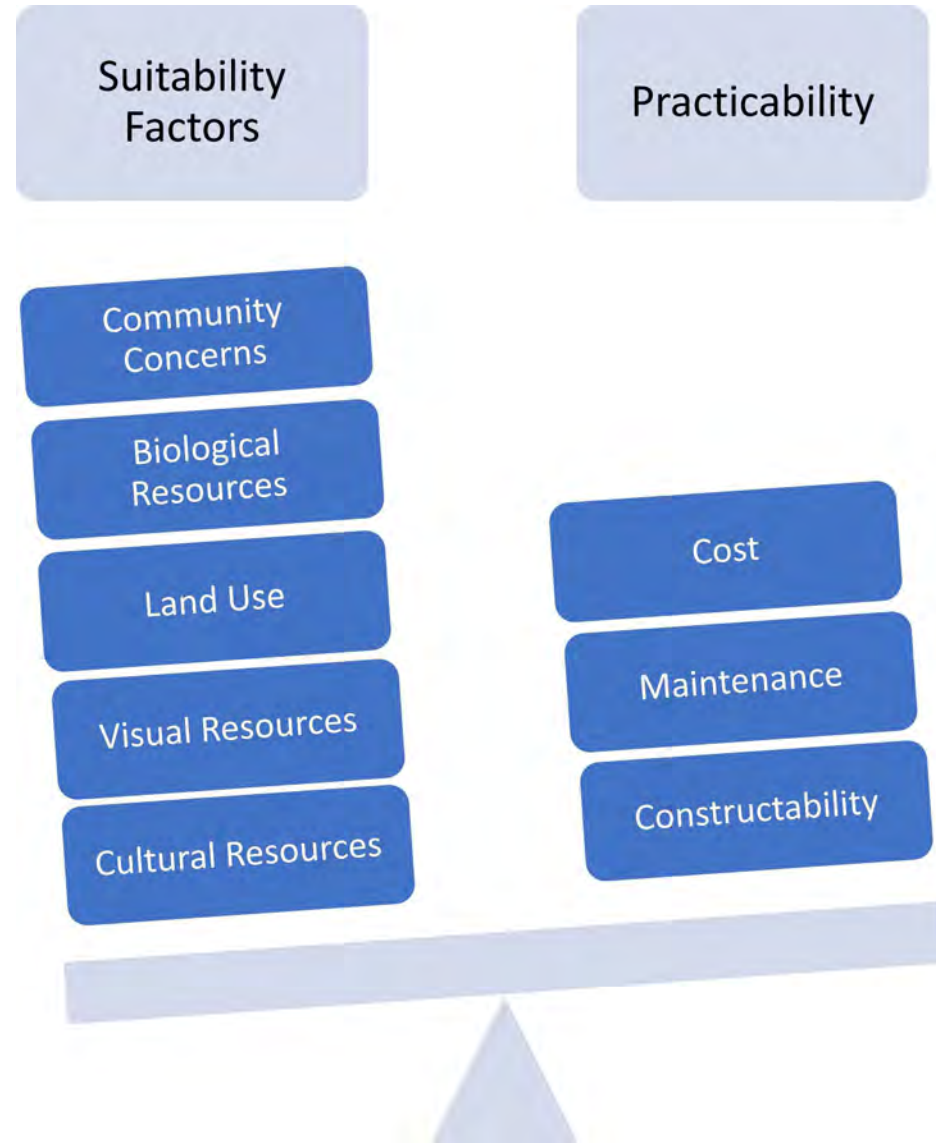


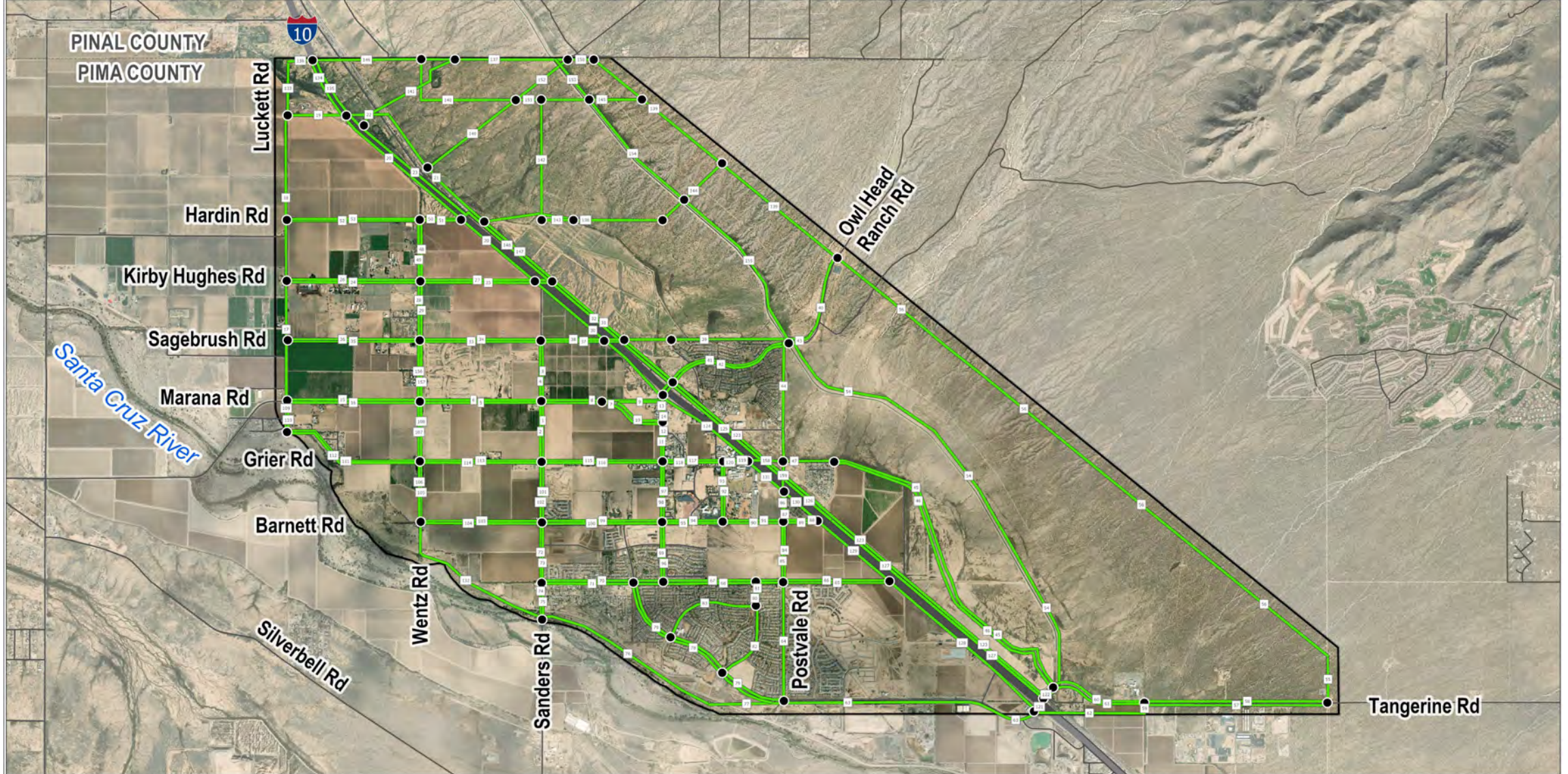
Siting Process



Siting Considerations

Siting 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.





NORTHWEST MARANA
RELIABILITY PROJECT

Preliminary Segments



Project Features

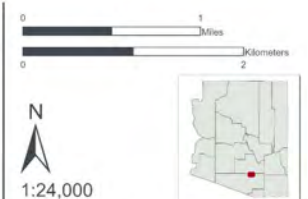
- Study Area
- Preliminary Link Segment
- Segment End Point

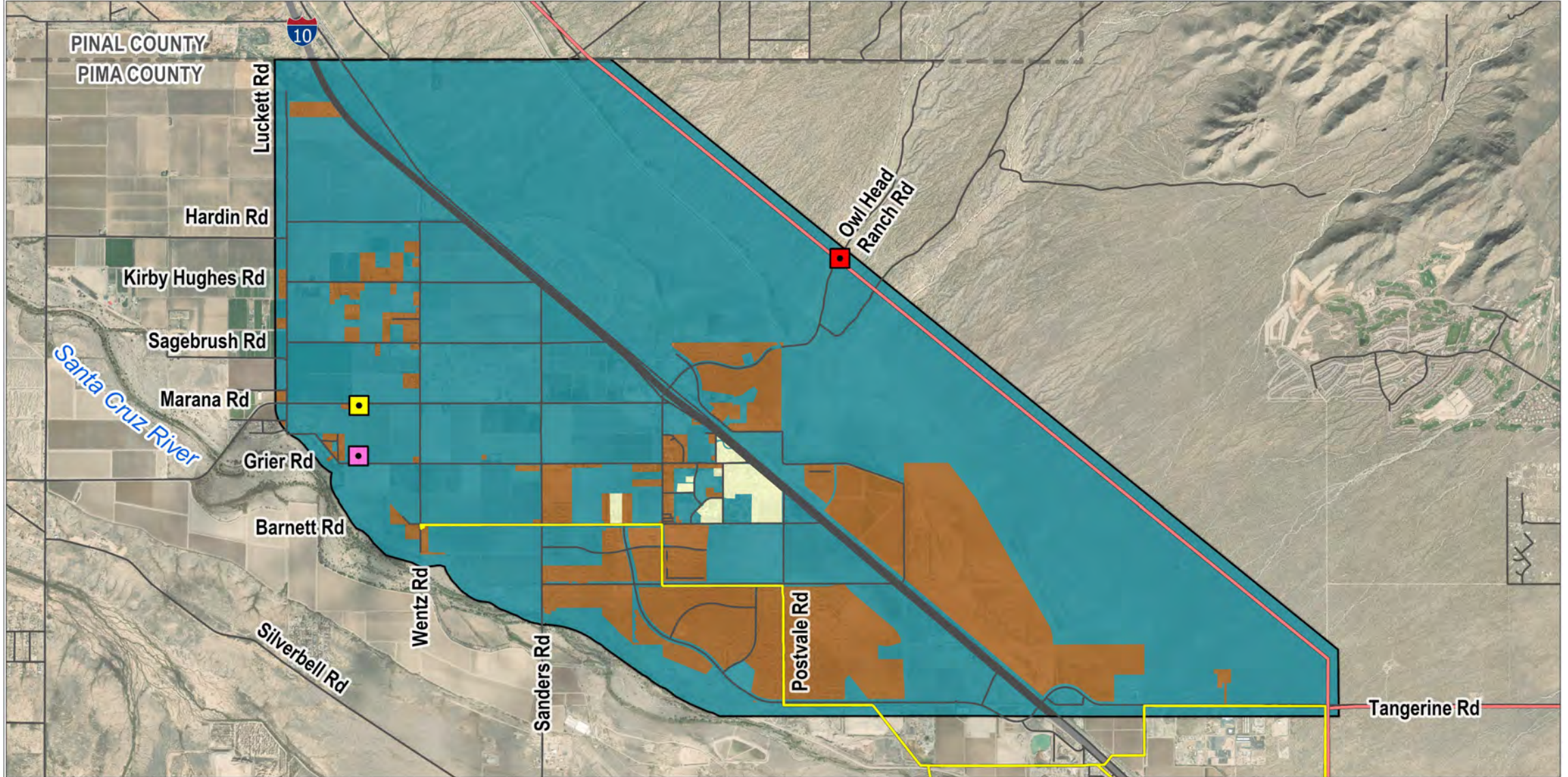
Reference Features

- Road
- Interstate
- County Boundary

Pima County, AZ
NAD 1983 UTM Zone 12N
32.4622°N 111.2°W

Base Map: Esri ArcGIS Online,
accessed January 2025
Updated: 1/27/2025
Project No. 84883
Layout: Poster - Link Segments
Aprx: 84883_Marana_Siting_posters





NORTHWEST MARANA
RELIABILITY PROJECT
**Existing Land Use
Suitability**

Project Features

- Study Area
- Circuit Tie
- Proposed Owl Head Ranch Switchyard
- Proposed Grier Substation

Reference Features

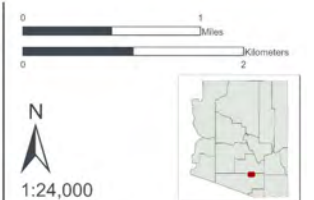
- Existing 46 kV Line
- Existing 138 kV Line
- Road
- Interstate
- County Boundary

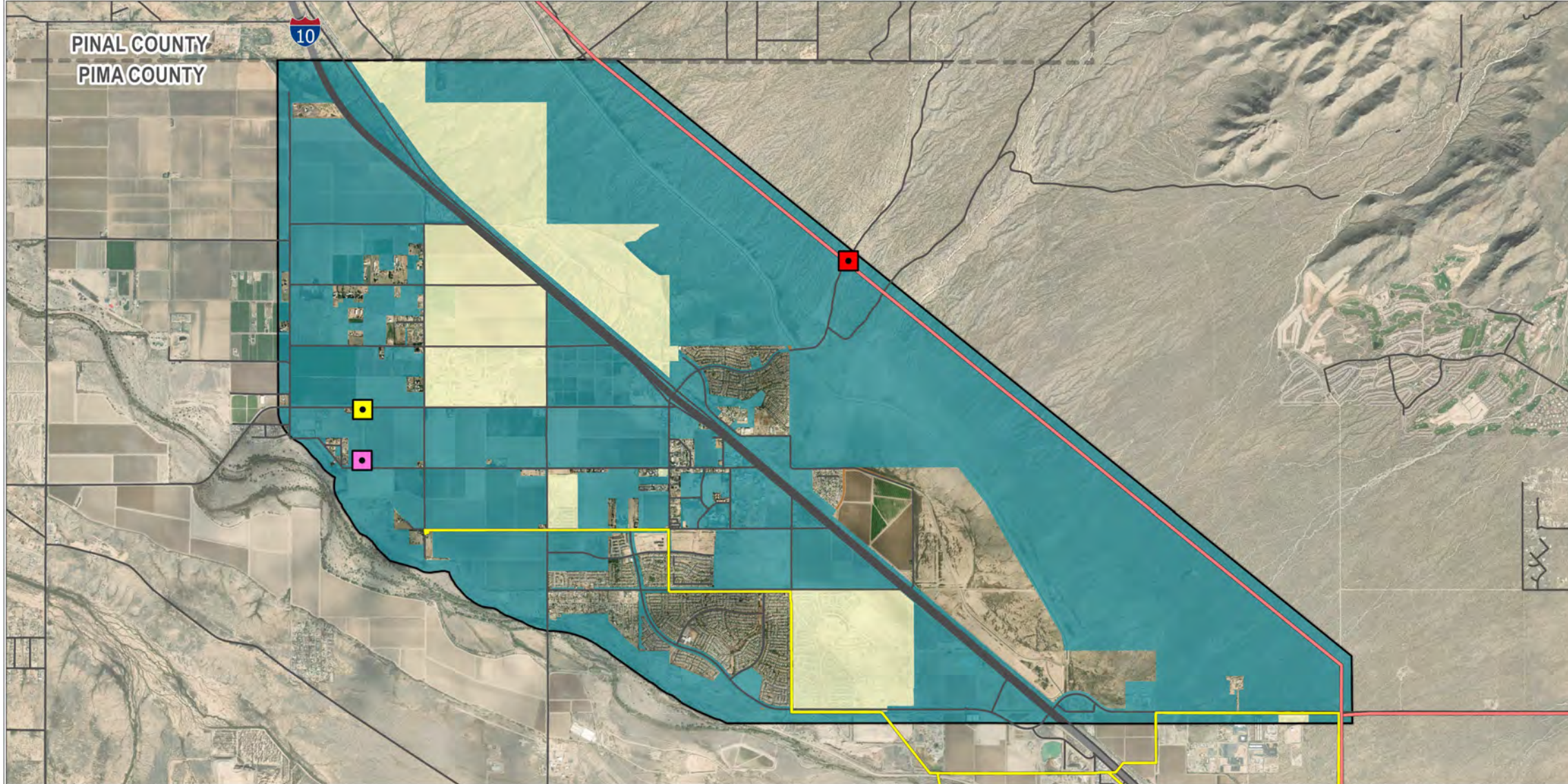
Suitability Analysis



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Suitability









NORTHWEST MARANA
RELIABILITY PROJECT
**Planned Land Use
Suitability**



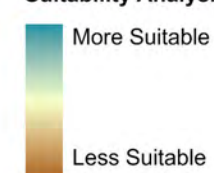
Project Features

-  Study Area
-  Circuit Tie
-  Proposed Owl Head Ranch Switchyard
-  Proposed Grier Substation

Reference Features

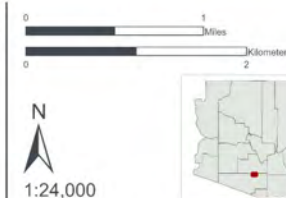
-  Existing 46 kV Line
-  Existing 138 kV Line
-  Road
-  Interstate
-  County Boundary

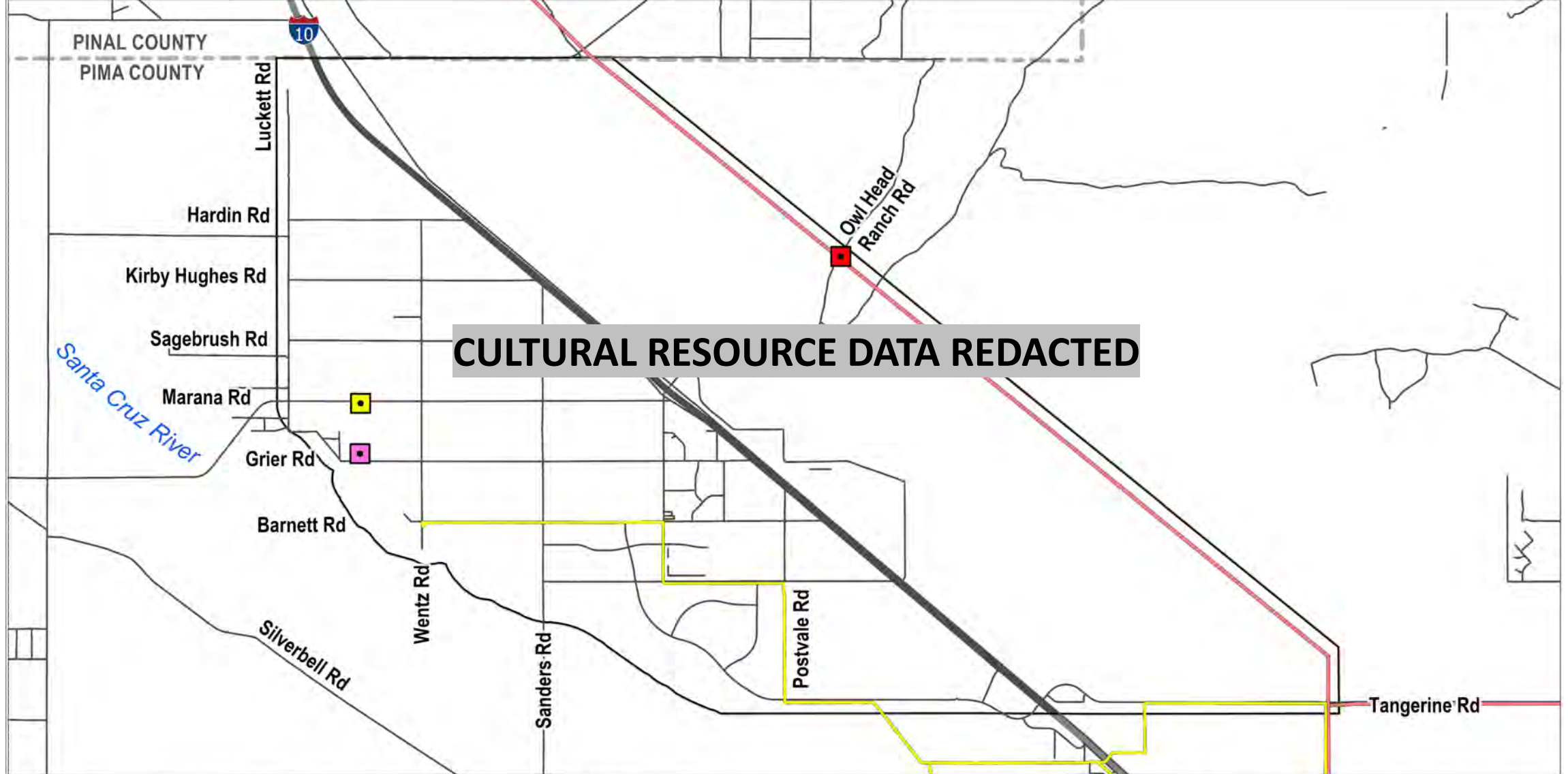
Suitability Analysis



Pima County, AZ
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Layout: Poster - Planned Land Use
Suitability





NORTHWEST MARANA
RELIABILITY PROJECT
**Cultural Resource
Suitability**



Project Features

- Study Area
- Circuit Tie
- Proposed Owl Head Ranch Switchyard
- Proposed Grier Substation

Reference Features

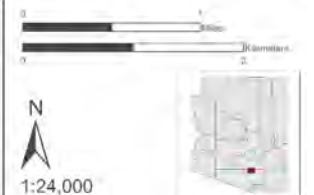
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- Existing 138 kV Line
- Road
- Interstate
- County Boundary

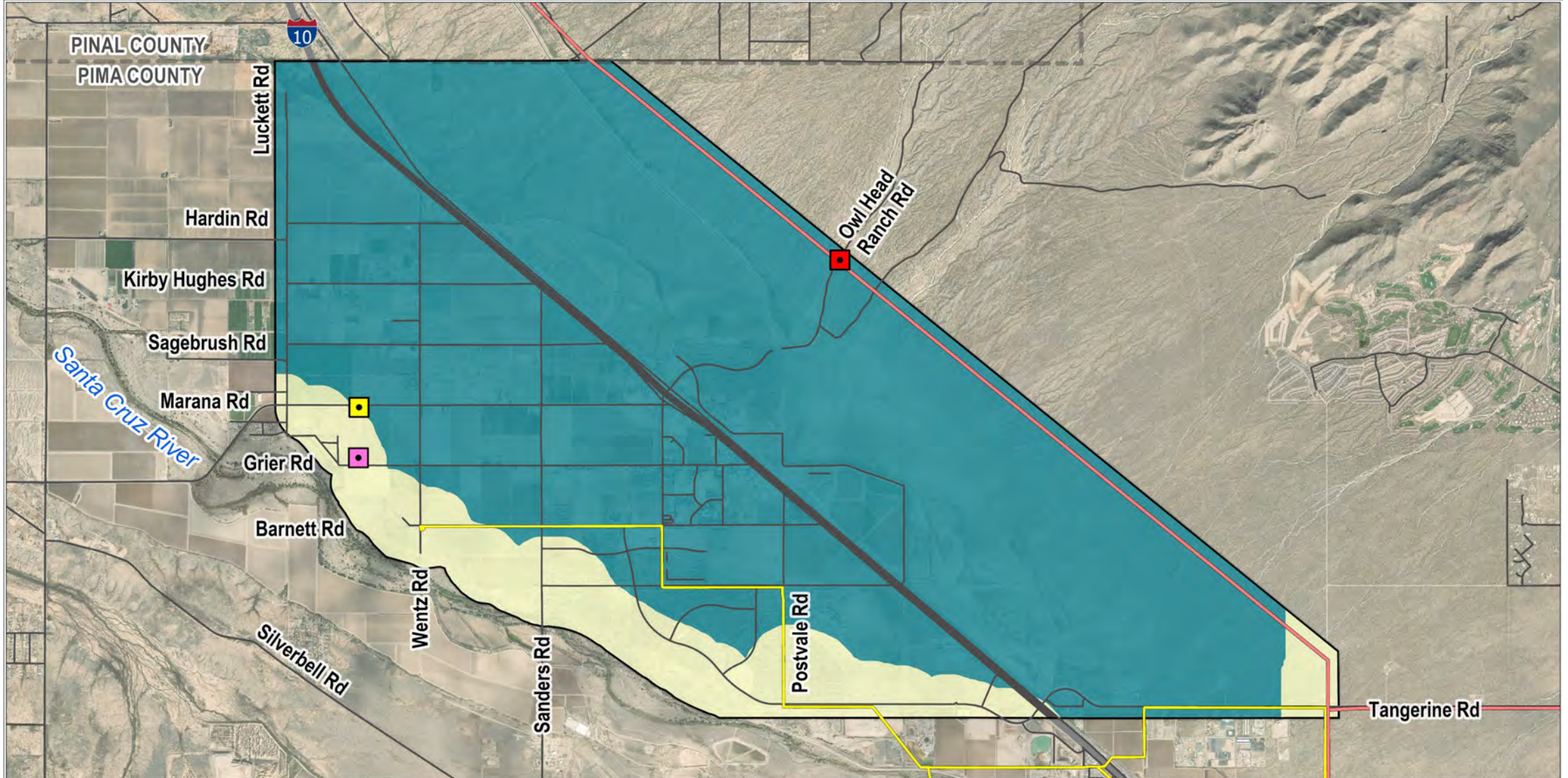
Suitability Analysis



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Layout: Poster - Cultural Resource
App: 84883_Marana_Siting_poster





NORTHWEST MARANA
RELIABILITY PROJECT
**Natural Resource
Suitability**

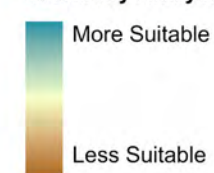
Project Features

- Study Area
- Circuit Tie
- Proposed Owl Head Ranch Switchyard
- Proposed Grier Substation

Reference Features

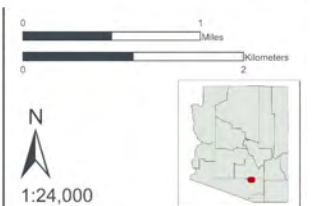
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- Road
- Interstate
- County Boundary

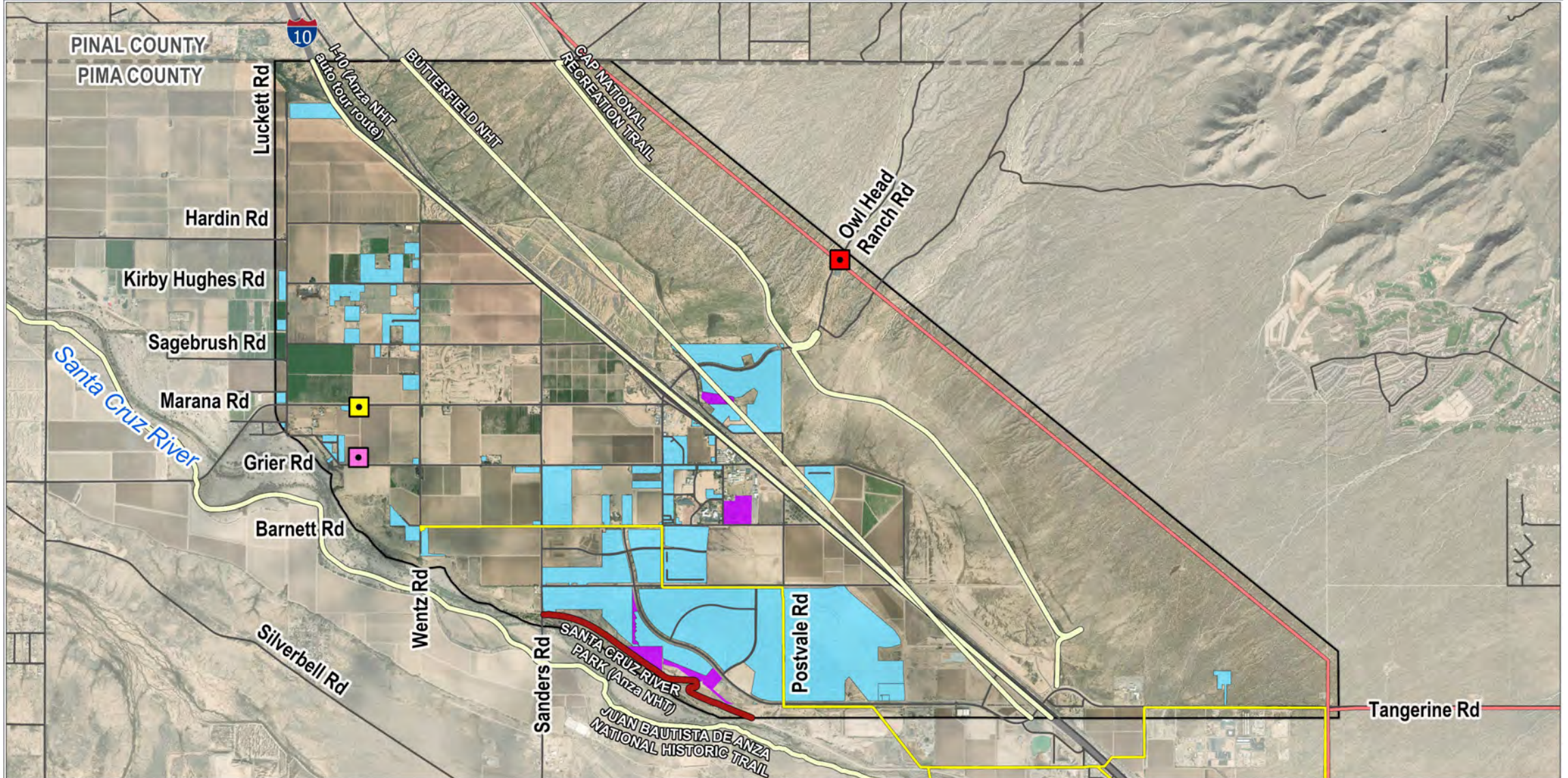
Suitability Analysis



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Aprx: 84883_Marana_Siting_posters





NORTHWEST MARANA
RELIABILITY PROJECT
**Visual Resource
Considerations**

Project Features

- Study Area
- Circuit Tie
- Proposed Owl Head Ranch Switchyard
- Proposed Grier Substation

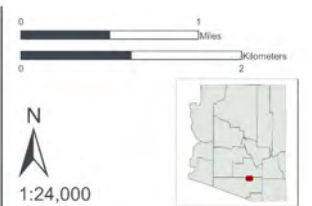
Reference Features

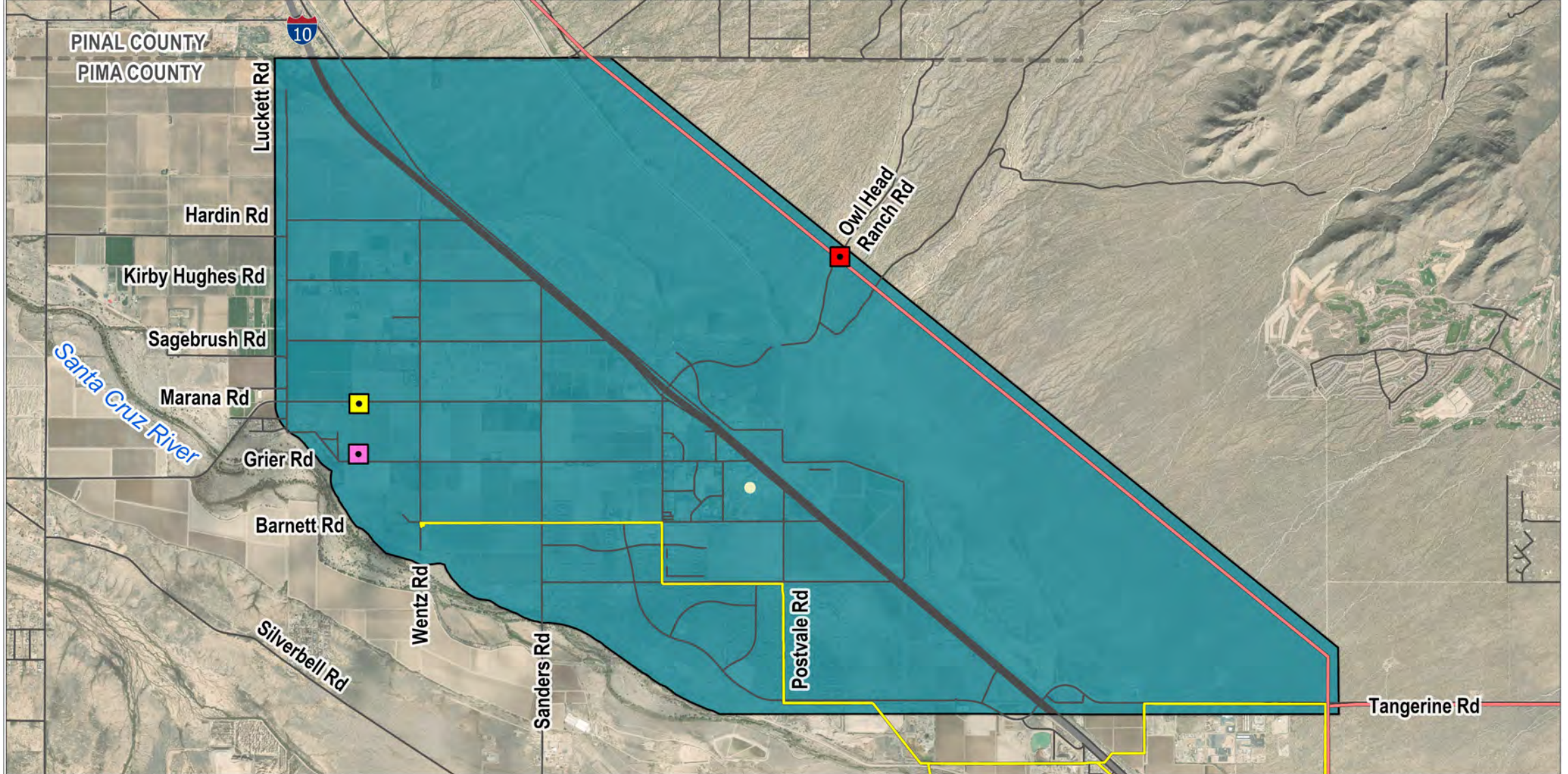
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Viewing Locations

- High Sensitivity Linear Viewer
- Moderate Sensitivity Linear Viewer
- High Sensitivity Viewer
- Moderate Sensitivity Viewer

Pima County, AZ
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NORTHWEST MARANA
RELIABILITY PROJECT
**Communications
Suitability**



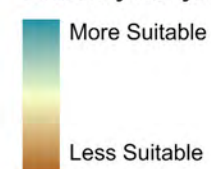
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- Circuit Tie
- Proposed Owl Head Ranch Switchyard
- Proposed Grier Substation

Reference Features

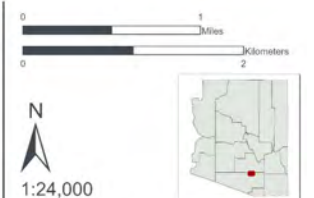
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- Existing 138 kV Line
- Road
- Interstate
- County Boundary

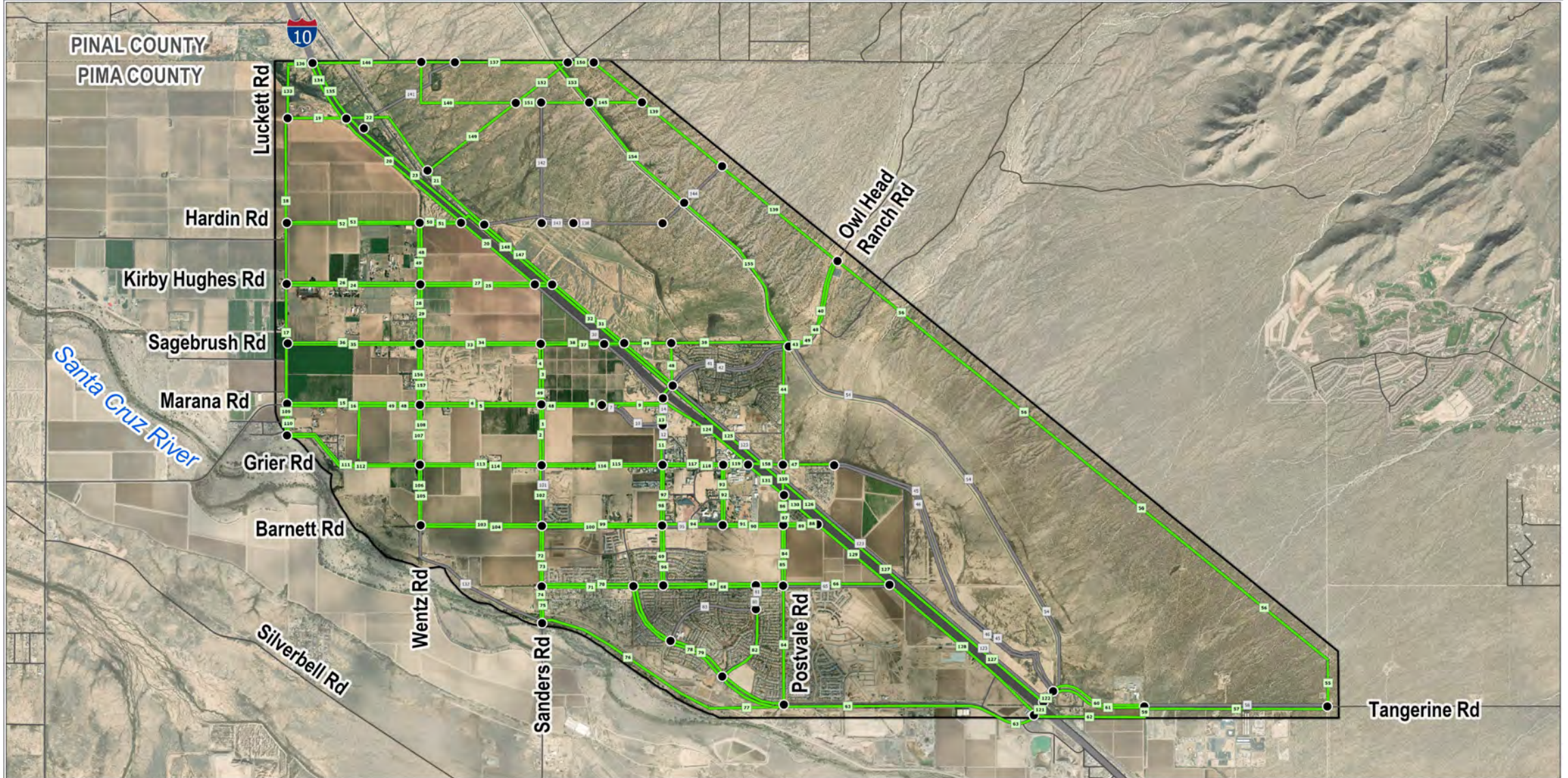
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Suitability





NORTHWEST MARANA
RELIABILITY PROJECT

Refined Segments

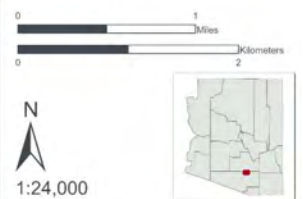
Project Features

- Study Area
- Retained Link Segment
- Removed Link Segment
- Segment End Point

Reference Features

- Road
- Interstate
- County Boundary

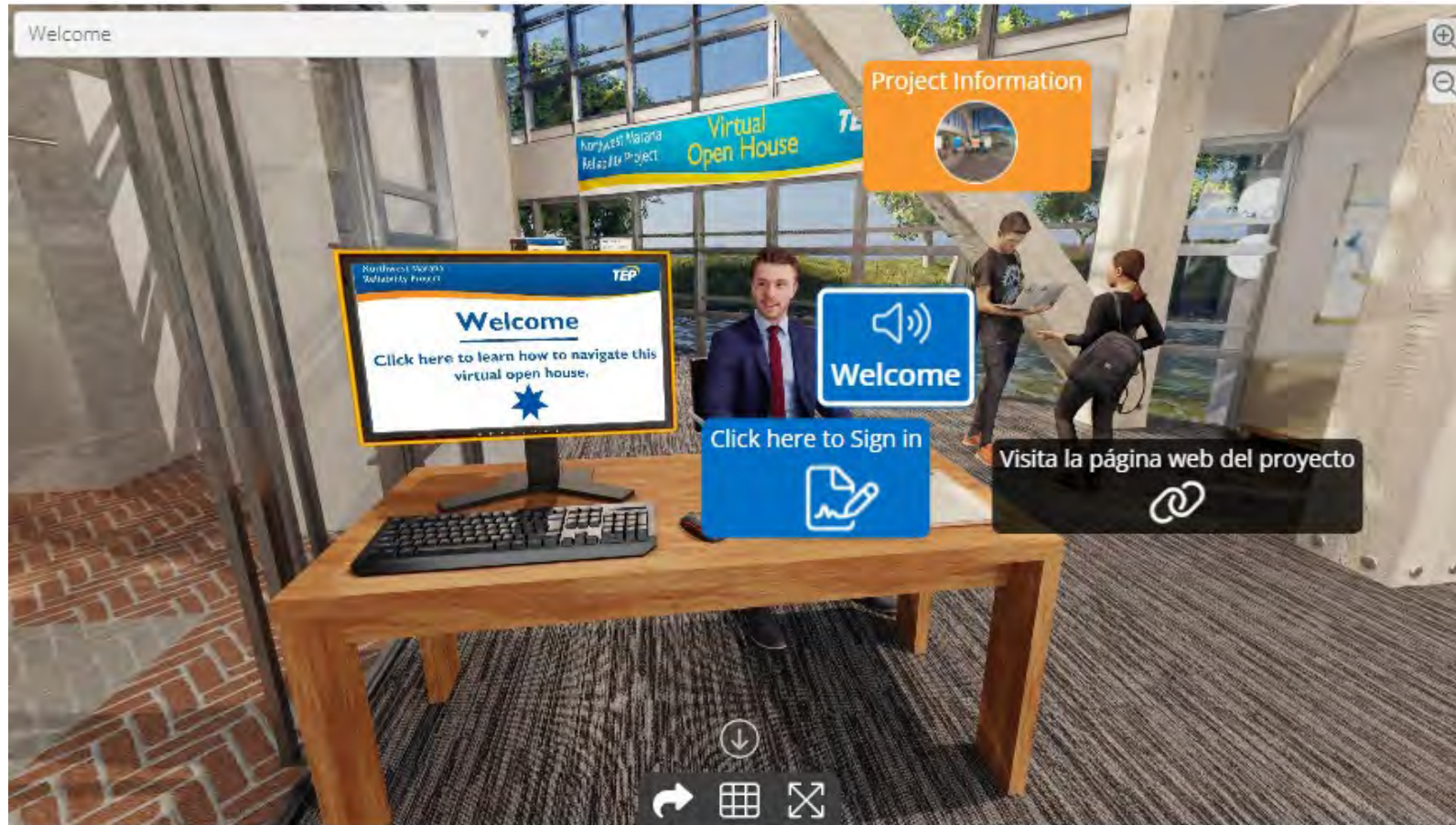
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Aprx: 84883_Marana_Sting_posters

1:24,000

VIRTUAL OPEN HOUSE



How to Provide Official Public Comment

- Submit an online comment at tep.com/northwest-marana.
- Email comments to nwmarana@tep.com.
- Call 1-833-655-0399 and leave a voicemail message.
- Mail a letter with comments to:
Northwest Marana Reliability Project
ATTN: Theresa Knoblock
343 West Franklin Street
Tucson, Arizona 85701
- More information: tep.com/northwest-marana



Timeline



Q&A SESSION



Please raise your (virtual) hand

OR

Type your question into the chat