

Project Information Open House

WELCOME

Presentation(s) - 6:15 p.m., 7:15 p.m.*

* (time permitting)

Midtown Reliability Project



Future Opportunities to Participate

- Nov. 16 – Public Open House
- Feb. 2024* – Public Open House
- Apr. 2024* – Public Open House
- July 2024* – Line Siting Hearing
- Q3 2024* – ACC Open Meeting
- Neighborhood Advisory Group
- Neighborhood Listening Session

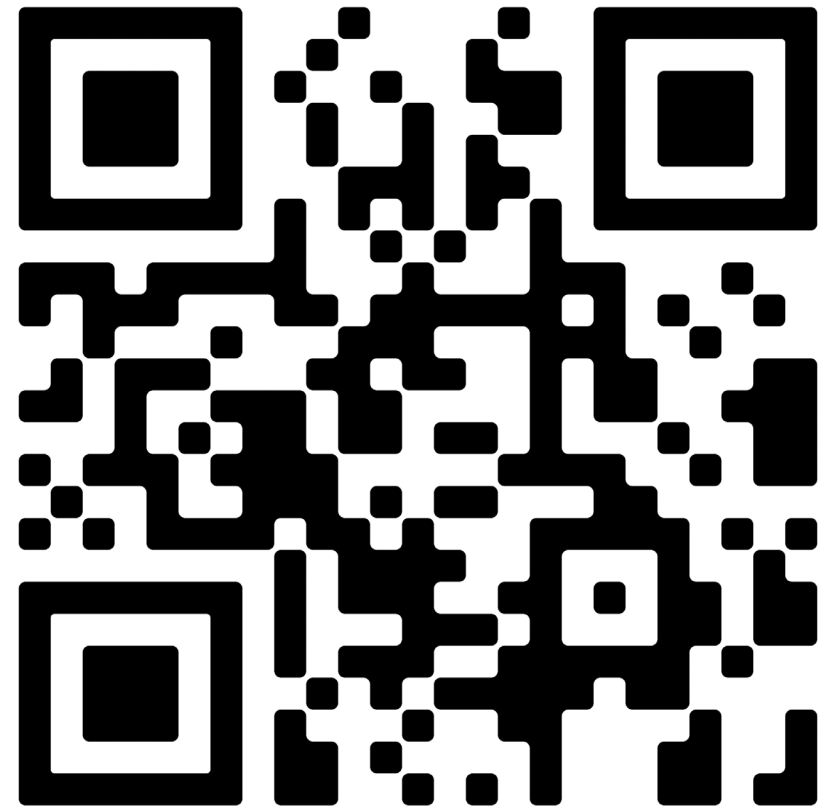
* Target schedule, subject to change

Midtown Reliability Project



How to Comment

- Mail a comment form or a letter to:
P.O. Box 711
ATTN: Midtown Reliability
Mail Stop CB200
Tucson, AZ 85701-0711
- Complete online comment form
- Visit webpage tep.com/midtown
- Send comments to midtownreliability@tep.com
- Complete Project Criteria Survey
- Call 1-833-523-0887 and leave a voicemail message



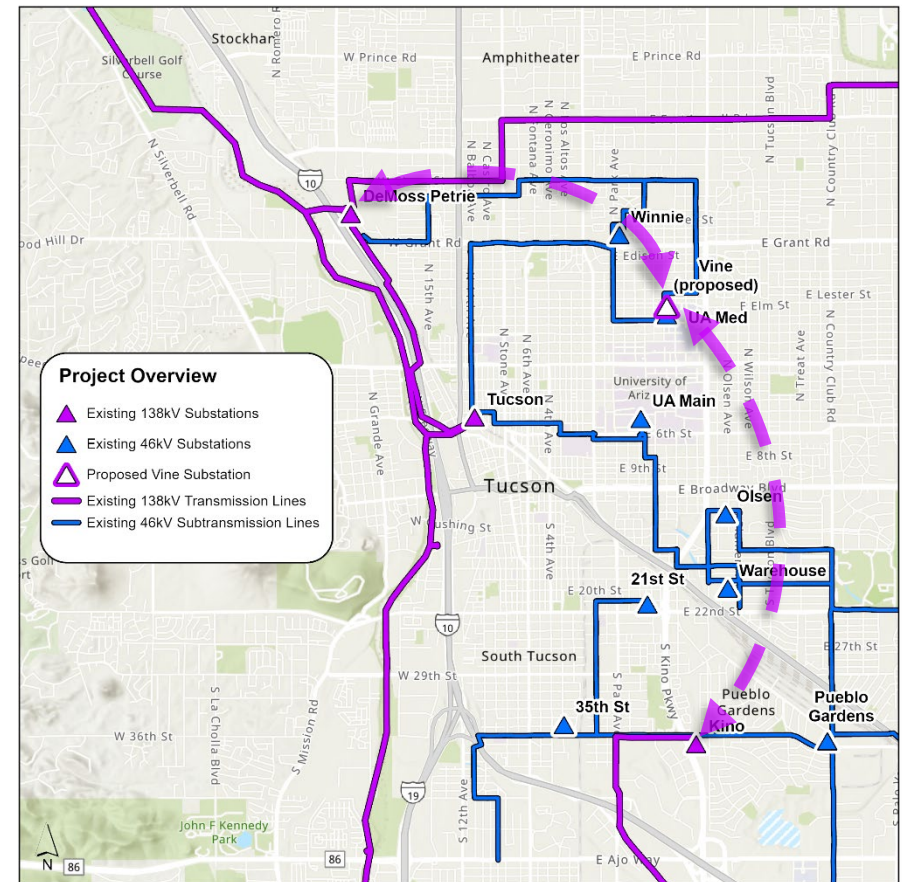
Online Comment Form

Project Overview



Components of the Midtown Reliability Project

- Vine Substation
- 138 kilovolt (kV) Transmission Line
- Distribution System Upgrades
- Retirement of Aging Assets



Vine Substation

- 1.6 acre site at Vine Avenue between Lee Street & Chauncey Lane
- Gas Insulated Substation (GIS)

PHOTO SIMULATION

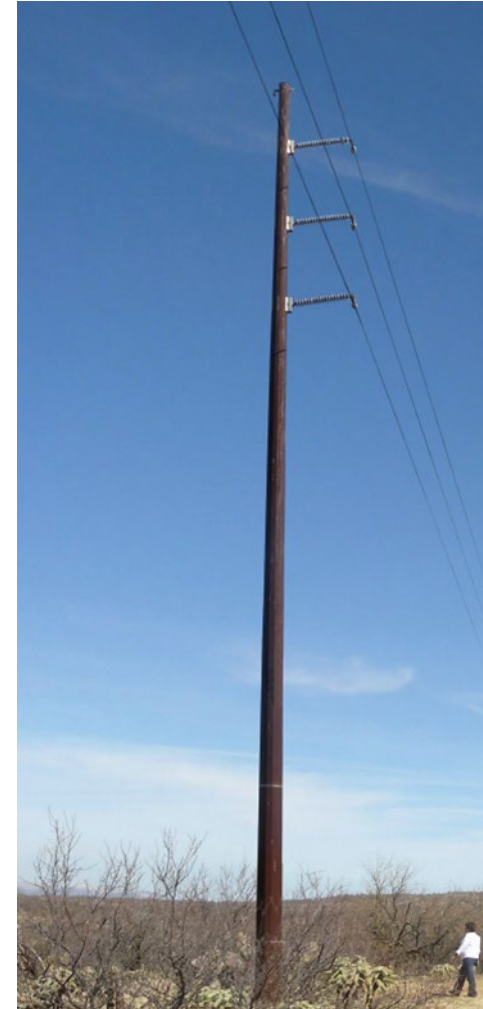


138 kV Transmission Line



Transmission Line Specifications

- Single circuit 138kV
- Tubular steel monopole structures (weathering steel is standard)
- Typical structure heights ~75 feet
- Span length of ~600 feet (distance between poles)
- Aluminum conductor, with a non-specular finish ~1 inch in diameter



Distribution System Upgrades



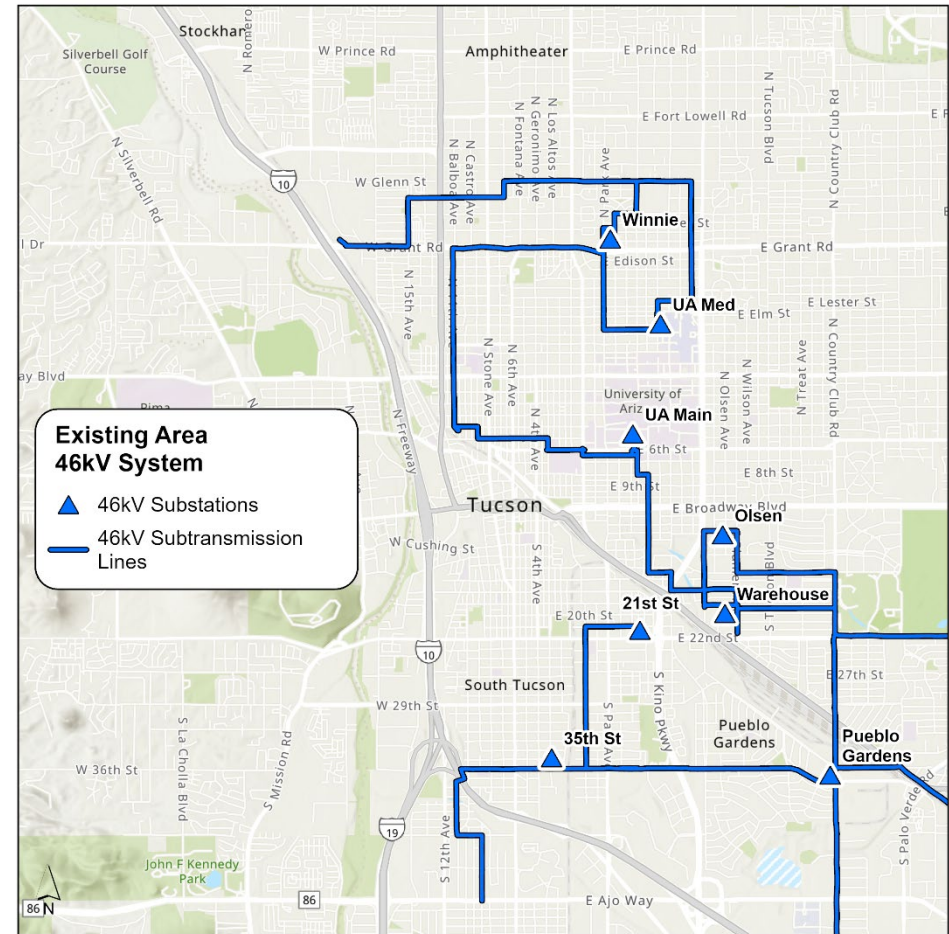
- Convert 4 kV distribution circuits to 13.8 kV circuits
- Replace and upgrade service transformers
- Replace existing poles, where merited



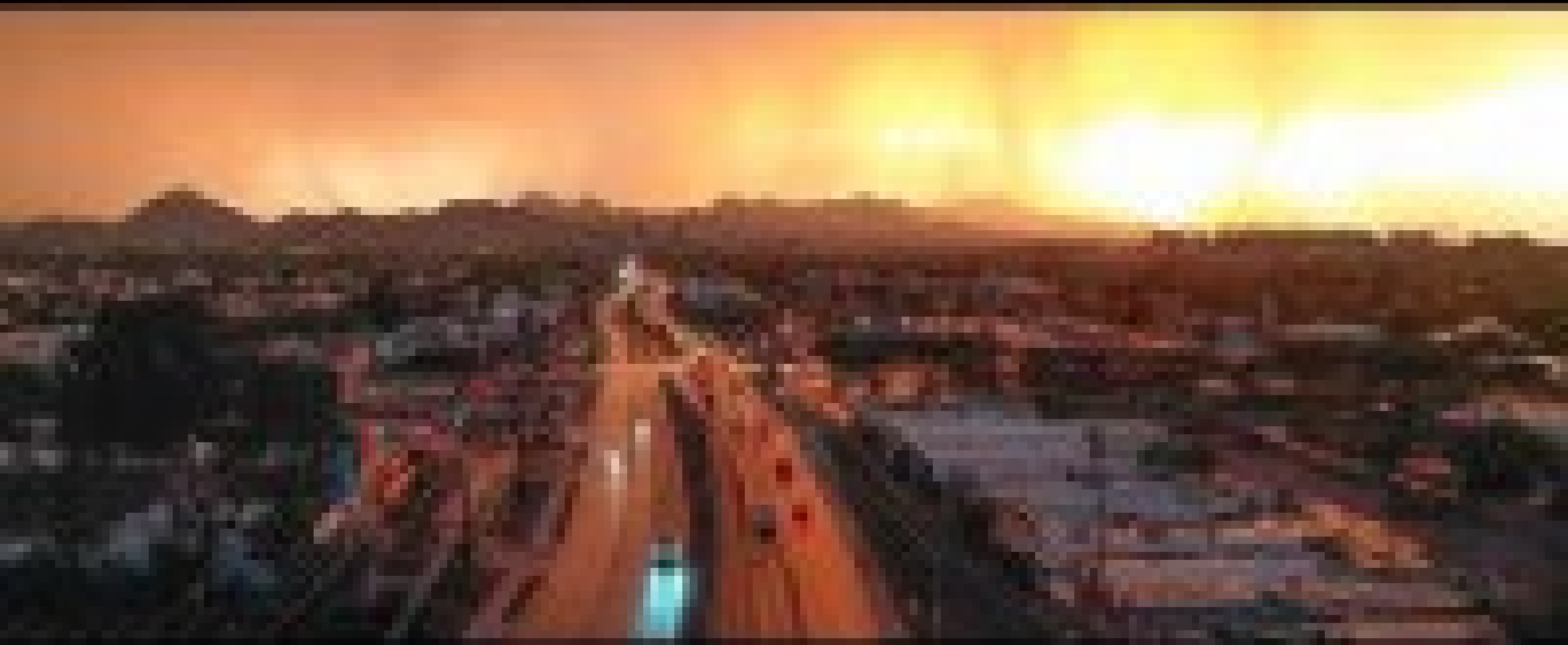
Existing 4kV distribution infrastructure at 4th St. and 9th Ave.

Retirement of Aging Assets

- Replace aging wood distribution poles and transformers
- Remove up to eight 46 kV Substations
- Remove approximately 19 miles of 46 kV sub-transmission lines



Existing area 46kV system.



Questions and Comments



PLEASE DO:

- Respect all people who are present.
- Be ready with a concise question/comment.
- Use a respectful tone and language.
- Be respectful of others while they speak.

Written Question Forms

- Fill out and hold form up

Verbal Questions/Comments

- Raise hand until called upon

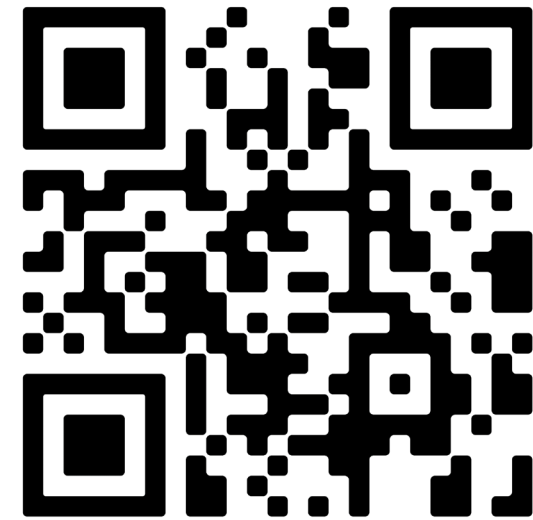
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Please Comment



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