

Kino to DeMoss-Petrie 138 Kilovolt (kV)
Transmission Line Project



**Community Working
Group #8 (Virtual)
Project Update
Wednesday, April 13, 2022
6-7 p.m.**

Kino to DeMoss-Petrie Transmission Line Project



Agenda

- How to Submit Questions
- Review of Project Purpose & Need
- CEC Process Status
- CEC Application Status
- Ongoing Discussions
- Next Steps
- More Information
- Comment Submittal
- Questions

Kino to DeMoss-Petrie Transmission Line Project

Asking Questions and Submitting Comments



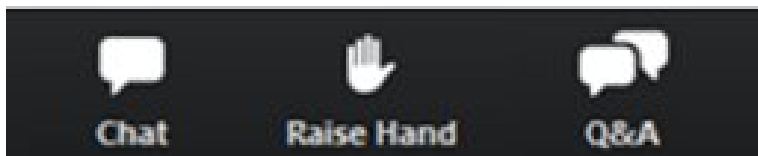
- TEP encourages attendees to ask questions. There will be a formal Q & A session at the end of the presentation.
- Other ways to learn and comment. Please visit: <https://www.tep.com/kino-to-demoss-petrie/>.
- Here you will find:
 - More information about the Project
 - Past meeting materials
 - Additional ways to comment

Kino to DeMoss-Petrie Transmission Line Project

Asking Questions and Submitting Comments During Virtual Meeting



- Asking a WRITTEN question:
 - Click the “Q&A” button
 - Type your question
 - Select “send”
 - Moderator will facilitate answering questions at the end of the presentation



- Asking a VERBAL question:
 - Raise your hand using “Raise Hand” button or *9 from the phone
 - Moderator will call your name if submitted online or call out the last 4 digits of your phone number
 - Unmute your microphone by clicking the unmute button (online) or by pressing *6 (phone) to ask your question



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Review Project Purpose & Need



- **Stable voltage, shorter outages.** Lower-voltage feeder lines have reached or are approaching their capacity limitations.
- **Service for growing midtown energy needs.** Supports growing peak demand and future energy needs. Also provides for additional capacity which allows for more residential and commercial solar connections.
- **Improved electric reliability.** Design allows energy delivery to midtown from more than one direction.

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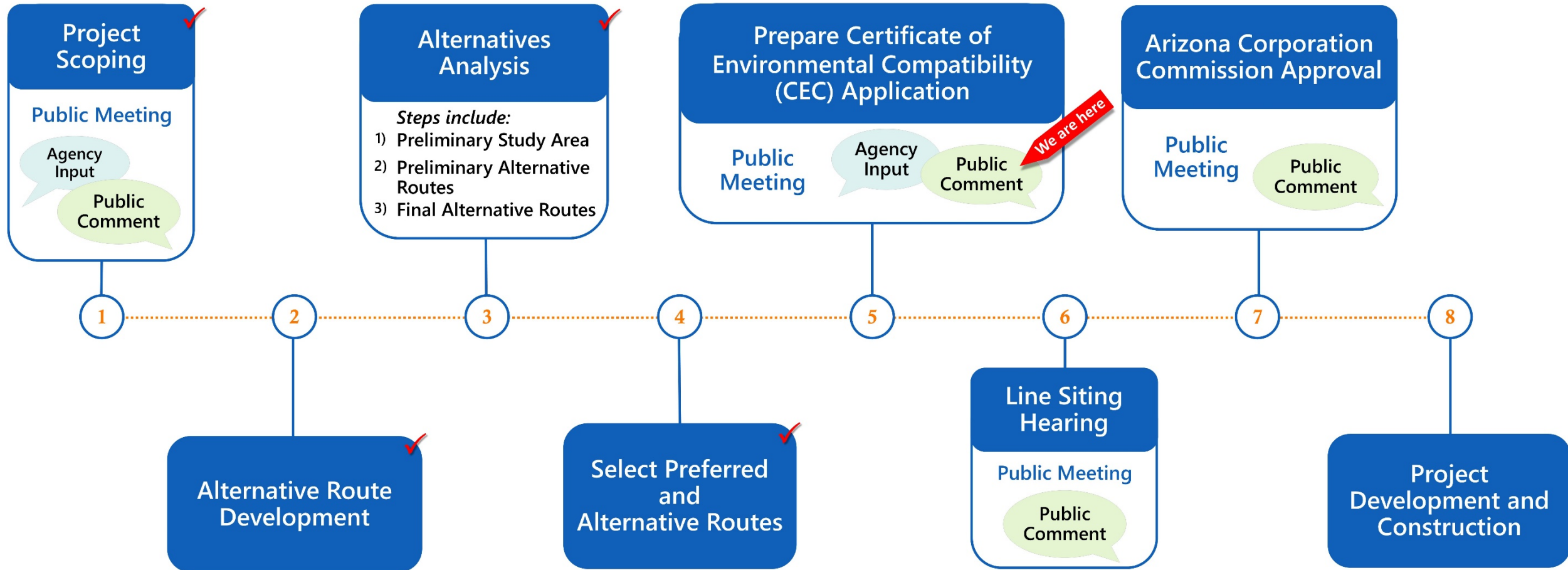
Review Project Purpose & Need



- **Replacement of aging infrastructure.** Existing equipment is nearing the end of its useful life and should be replaced.
- **Conversion of existing lower voltage system to support new technologies.**
Aids in integration of renewables, energy storage and electric vehicles.
- **Support for the University of Arizona and Banner – University Medical Center.**
Accommodates UA 100% clean energy project and Banner's increased energy demand, in addition to energy needs in surrounding neighborhoods.

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CEC Process Status



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CEC Application Status



- CEC application filed in August 2021
- Hearing originally scheduled for September 13 – 27, 2021
- Hearing was rescheduled for February 7 – 18, 2022
- TEP withdrew application on January 12, 2022, to allow more collaboration with the COT & Stakeholders
- Working with Line Siting Committee to schedule Project status meeting in November with intention to schedule LS hearing in 1st quarter of 2023.

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Ongoing Discussions



PROPOSED CITY OF TUCSON SPECIAL EXCEPTION CRITERIA

- a. Industrial zoning or proposal that results in less adverse aesthetic impact
- b. Underground construction causes significant increases in ground disturbance when compared to overhead construction in sensitive areas such as Environmental Resource Zone or archeologically sensitive areas
- c. Minimum impact on residential areas with adequate setback
- d. Existing high-voltage transmission lines, vertical structures, or buildings in area that already compromise the viewshed
- e. Overhead lines that cross Gateway or Scenic corridor zones
- f. Repair or upgrade of existing facilities when proposed facilities are similar in size to the existing facilities being repaired or replaced

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Ongoing Discussions



PROPOSED CITY OF TUCSON SPECIAL EXCEPTION CRITERIA (Cont'd)

- g. Existing railroad and/or highway bridge crossings or in an area where underground installation would interfere with other existing underground utilities
- h. Support critical customers (i.e., DMAFB, Major Medical Services)
- i. Proposed Overhead transmission lines, rather than underground on a particular route, would avoid undesirable aesthetic, viewshed or other adverse impacts elsewhere, should the transmission line be located on an alternate route

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Ongoing Discussions



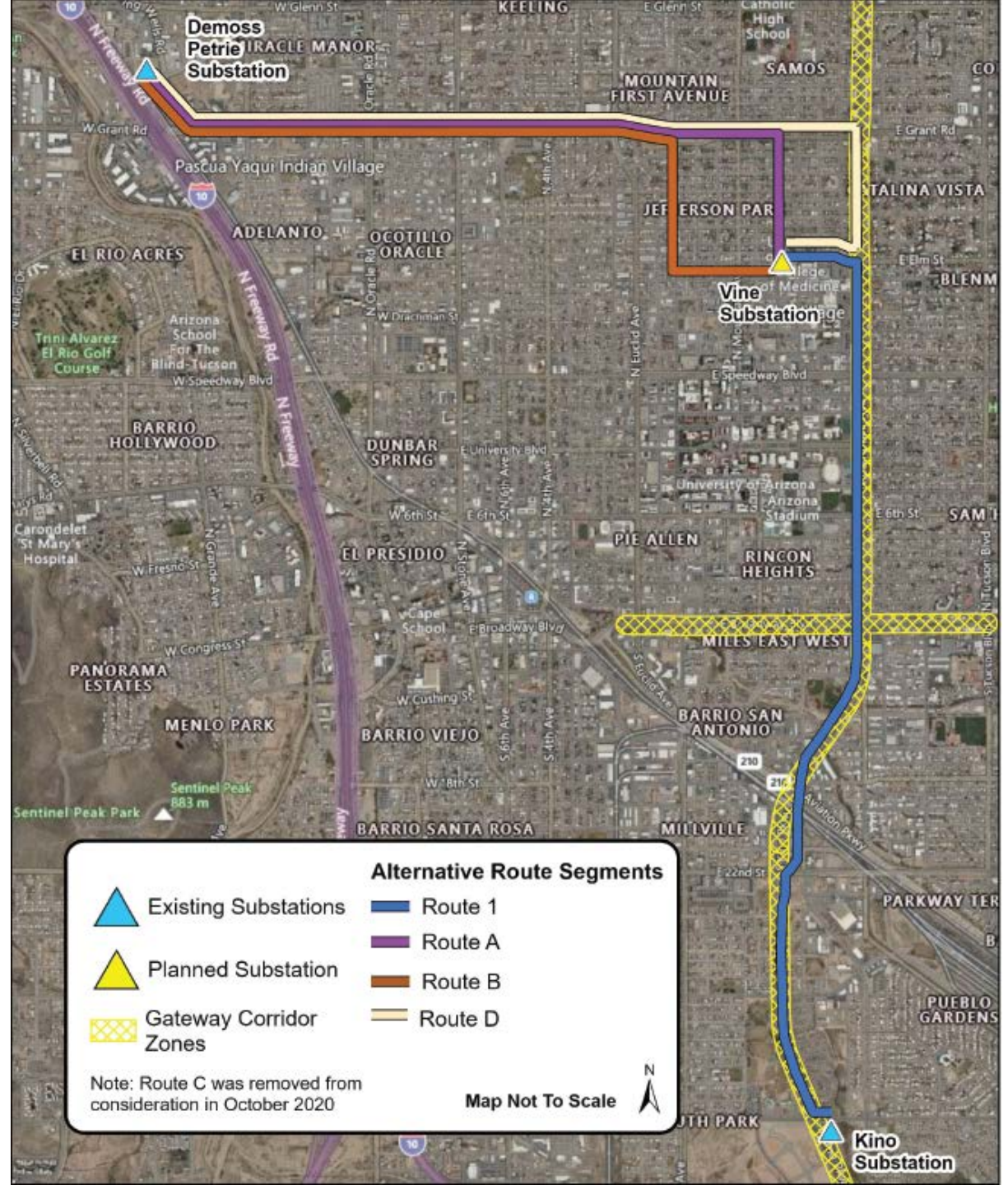
PROPOSED CITY OF TUCSON SPECIAL EXCEPTION CRITERIA (Cont'd)

- j. Proposed projects in an area where costs to install underground would have a disparate impact on low-income residents.
- k. A Special Exception request to relieve the requirements to underground transmission lines that meets the findings established by the UDC section 3.4.5. Findings which also meet criteria a, e, and g of this subsection are deemed to presumptively meet the required findings for approval.

Underground Cost Differential Funding Mechanisms

- Discussion ongoing with the COT

Kino – DMP 138kV Transmission Line Routes



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Next Steps

- COT to hold additional public outreach for Special Exceptions
- COT to consider approval of Special Exception language in UDC
- If approved TEP would apply for Special Exceptions where applicable
- TEP to meet with Line Siting Chair in November 2022
- TEP to re-submit CEC Application*
- TEP to request hearing
- Hearing with Line Siting Committee
 - Anticipated for Q1, 2023
- ACC approval

*TEP will conduct additional public outreach prior to submittal of CEC Application

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More Information

For more project information please visit the project webpage:

www.tep.com/kino-to-demoss-petrie/

Here, you can:

- Find a recorded version of all previous Open House presentations
- Find a PDF of this Virtual Open House presentation
- Find past newsletters, public meeting communications and Community Working Group (CWG) materials
- Read commonly asked questions & answers
- Read comments from the public and the CWG, and TEP's responses

How to submit comments after the meeting:

- Via voicemail: 1-833-523-0887, deje un mensaje en español al 1-833-655-0399
- Via email: KINO2DMP@tep.com
- Via comment form: <https://uns.wufoo.com/forms/z1eb494318gyjry/>
- By U.S. Mail: P.O. Box 711, ATTN: Kino-DMP, Mail Stop RC131, Tucson, AZ 85701-0711



Questions?