## Tucson Electric Power Cottonwood 138 kV Substation

Special Exception Land Use Permit

DESIGN REVIEW BOARD #2- OCTOBER 7, 2022

### Introductions

Brian Pugh, Environmental & Land Use Planning Supervisor

Amanda Wittenborn, Engineering Project Manager

Miranda Jackson, Civil/Transmission Engineer

Regina Beem, Civil Engineer Consultant

Scott Martinez, Landscape Architect

# Agenda:

Design Review Board Hearing #2

Special Exception Land Use Permit (SELUP)

- Existing Residential Character in the R-1 Zone
- Operational Substations Adjacent to the R-1 Zone
- Preliminary Development Plan Rendering
- Photos of Unscreened Substation Equipment
- Cross Sections of Substation to Santa Cruz River
- Sign Standard For Substation Walls
- Exterior Wall Design
- Visual Simulations From the Santa Cruz River





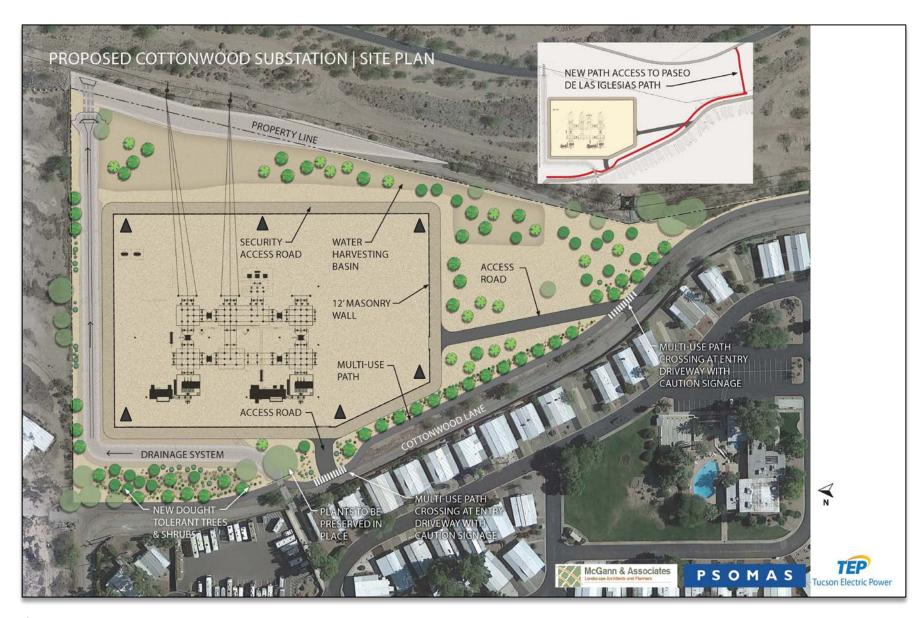




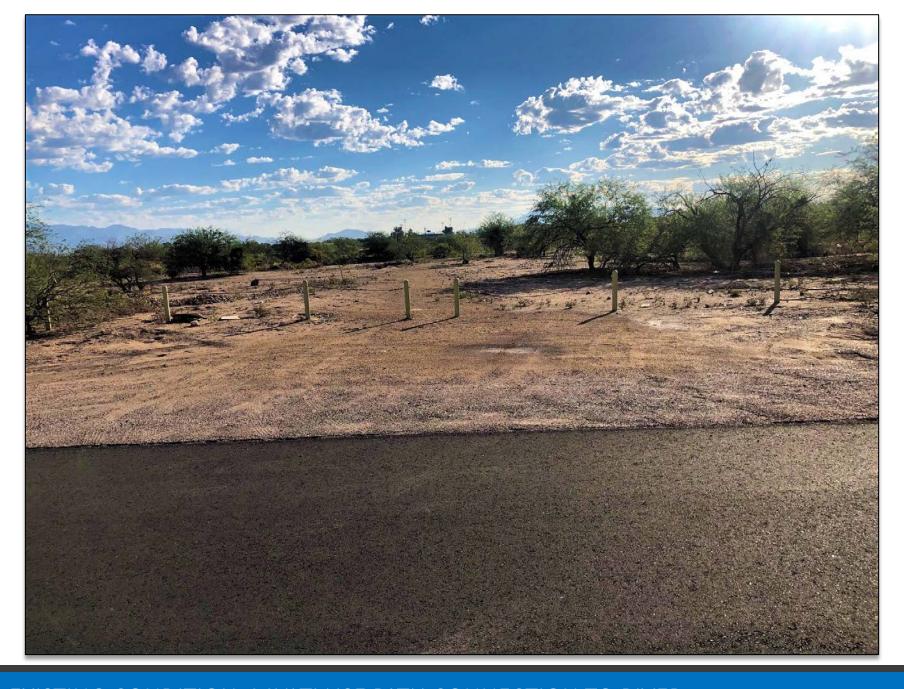








Security Camera Location

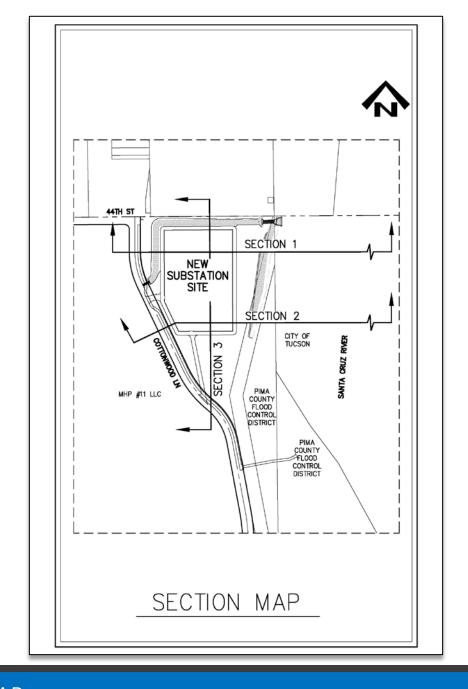


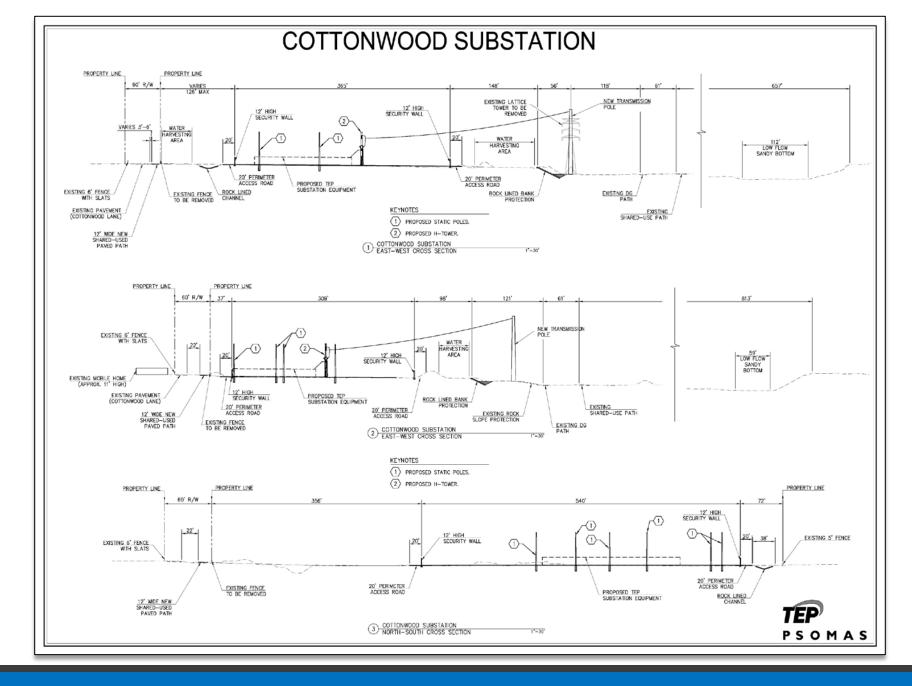












ANSI Z535: Standard used by OSHA to federally regulate hazard communications in the workplace and in Public.

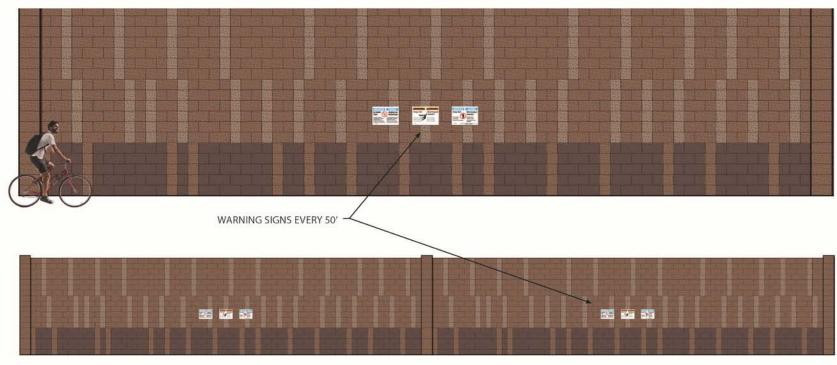
"Safe viewing distance shall be 25ft minimum. Placement to be every 40-50ft."







#### PROPOSED COTTONWOOD SUBSTATION | MASONARY WALL TREATMENT



















LOOKING NORTH ON COTTONWOOD



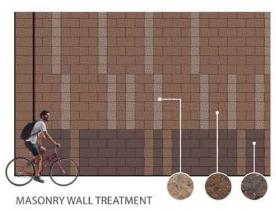












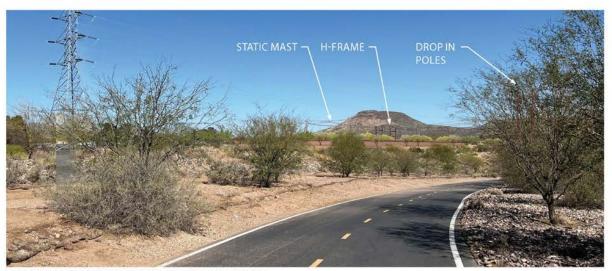
LOOKING SOUTHEAST ON COTTONWOOD



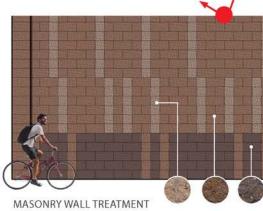


















































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