



Chelan – Manson 115 kV Transmission Line

Proposed Fire Hardening
Project Update

October 21, 2019



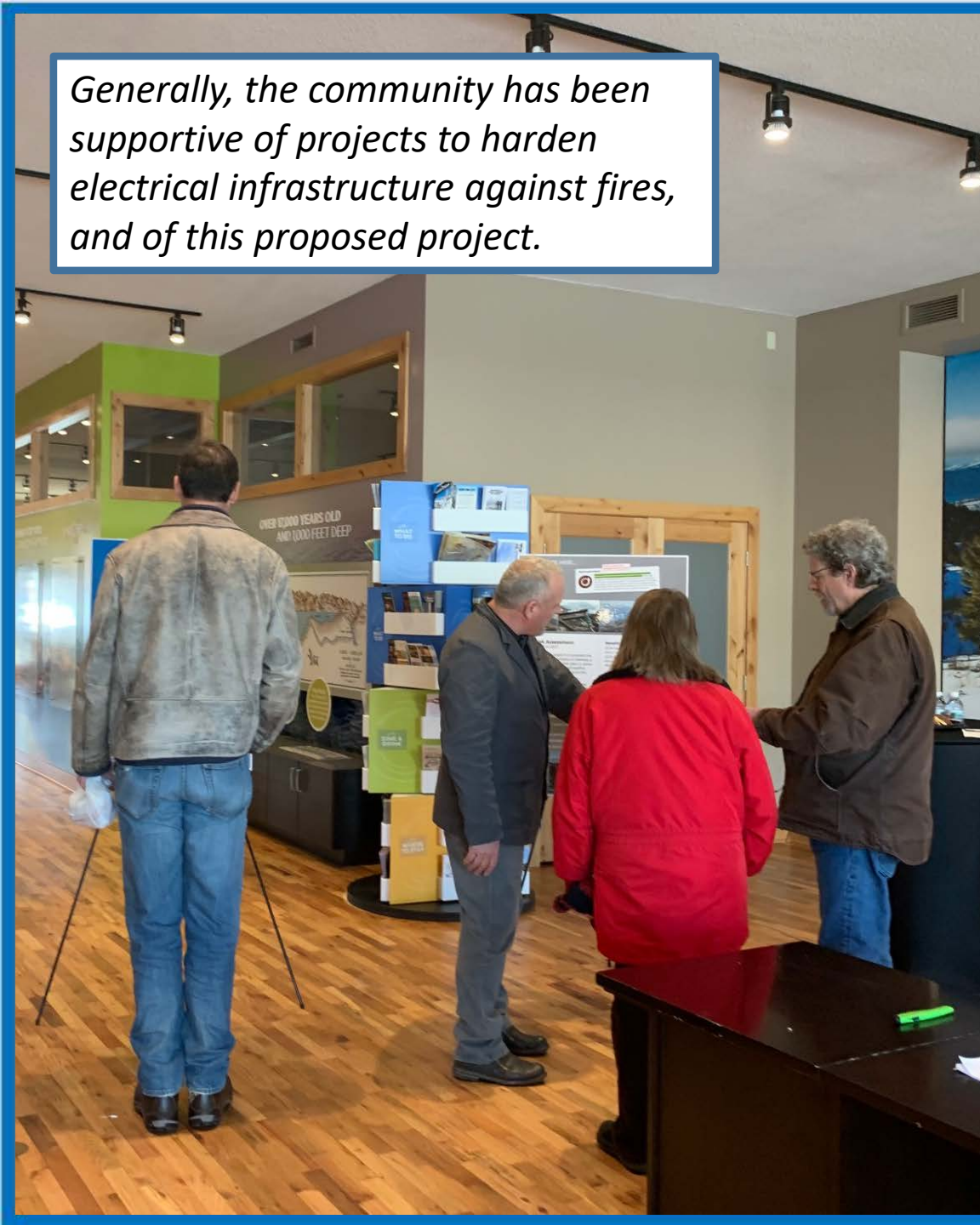
Background

- **2015-2019 Strategic Plan:** “Customer-owners were most interested in replacing or rerouting some electric lines to protect against fire and weather risks.”
- **2018 – 2022 District-wide Business Plan:** “Harden transmission system to protect against fire/weather.”
- **2017 Fire Risk Assessment by HDR:** Chelan – Manson and Chelan – Wapato transmission lines were identified in the top 4 projects for fire risk.
- **September 4, 2018:** Board presentation about project.

Generally, the community has been supportive of projects to harden electrical infrastructure against fires, and of this proposed project.

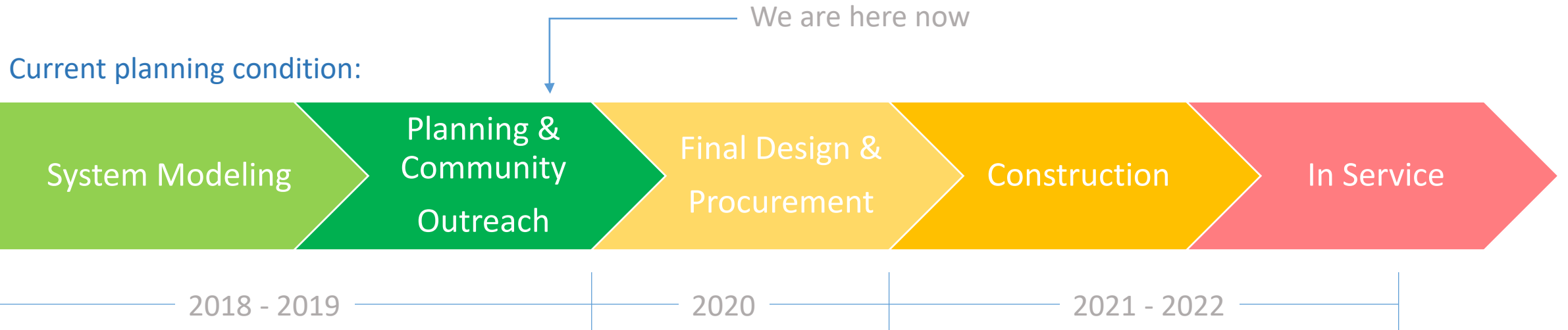
Community Outreach

- Two postcards to all Chelan residents announcing project and community drop-in sessions
- Project fact sheet & webpage
- **March 13:** Key stakeholder luncheon & Informational Drop-in Session
- **April 20:** Information at Earth Day booth
- **May 1:** Postcard to project neighbors
- **May 14:** Update to Chelan City Council
- **May 15:** Informational Drop-in Session
- **June 20:** Letter to project neighbors about next steps



Where We Are Now

- 3 Alternatives being evaluated (see poster board)
- 30% Design is now complete
- Present 30% Design details to property owners for feedback





Next Steps

- **October 23:** Letter to stakeholders with 30% Design details
- **Late October:** Pole staking postcard to approximately 25 property owners
- **Late October:** Pole staking
- **November:** Informational Drop-in Session to present 30% Design
- **November 26:** Update to Chelan City Council
- **Ongoing:** One-on-one outreach to property owners to coordinate design specifics as needed



Hot Topics

Fire Response & Mitigation

- California's Public Safety Power Shutoff – not currently part of Chelan PUD's fire strategy
- Current efforts of Chelan PUD (*not all-inclusive*)
 - National Electric Safety Code – models of all transmission lines
 - Pole Test & Treat Program – annual, 10 year cycle
 - Paint & Grub Program – annual, 5 year cycle
 - Turn off automatic reclosing during fire season (Anderson Canyon to Summit transmission line only)
 - Postpone maintenance during high fire conditions
 - Next-day studies and real-time system operator displays identify Red Flag / High Fire Danger
 - Line inspection by serviceman for any trip during periods of high fire danger
 - Annual Helicopter inspections
 - Vegetation Management
- Future Improvements – disable automatic reclosing on distribution circuits during high fire danger
 - This action likely extends outage times when reclosing is disabled

Questions?



30% Design

