

Red Dog Road – Rule 20A Underground Utilities District

Public Meeting

August 28th, 2024



**NEVADA
COUNTY**
CALIFORNIA



What is Rule 20A?

Undergrounding of electric facilities is completed by following the California Public Utilities Commission (CPUC) Rule 20A electric distribution tariff guideline.

Rule 20A projects typically involve undergrounding all above ground utilities and poles.

Municipalities can utilize accrued and/or assigned Rule 20A work credits for the full or partial cost of the undergrounding project.

Rule 20A and Nevada County

The County currently has roughly \$7.3 million in PG&E Rule 20A work credits.

- \$1.5 million could be donated to the City of Grass Valley for an undergrounding project on LaBarr Meadows Road.
- \$5.8 million remaining credits are currently scheduled for the Red Dog Road undergrounding project.

Work credits will be reallocated by the CPUC and PG&E to other entities if the County does not form an Undergrounding District and have an active project by December 2024.

Project Goals

There are three major goals for this project:

1. Remove overhead electrical and communication lines along a major collector roadway
2. Support emergency ingress/egress and fire resiliency
3. Widen roadways and provide pedestrian, bike routes

Existing Facilities- Down lines



Potential project locations & Criteria

Location	From	To	Approximate Cost to U/G at \$3M / r	ATP - Bike Improvements High Need	PG&E Priority?	Road Type - Rank	Prior Utility Storm Damag	Cost under \$5M	ATP - Rank	Fire Severity Zone - Rank	PG&E Priority - Rank	Potential Funding Sources - Rank	Total Rank (13 Possible Points)
Banner Lava Cap Rd	All		\$ 17,160,000	No	Yes	2	2	1	0	3	2	0	10
Red Dog	Boulder Street	Quaker Hill Cross Rd	\$ 11,400,000	Class III	Yes	2	2	1	1	3	0	1	10
Tyler Foote	Hwy 49	Nevada County Limits	\$ 41,970,000	No	Yes	2	2	1	0	2.5	2	0	9.5
Idaho-Maryland Rd	Lee Lane	Banner Lava Cap Rd	\$ 2,400,000	No	Yes	2	2	0	0	3	2	0	9
McCourtney	Auburn Rd	Indian Springs Rd	\$ 14,100,000	Class II	No	3	0	1	1	2.5	0	1	8.5
North Bloomfield	Hwy 49	Coyote St	\$ 2,400,000	Class III	No	2	2	0	0.5	3	0	1	8.5
You Bet Rd	Hwy 174	Side Bet Dr	\$ 3,759,000	No	Yes	2	2	0	0	2.5	2	0	8.5
Alta	Ridge Rd	Grass Valley City Limits	\$ 1,902,000	Class III	No	3	0	0	1	3	0	1	8
Old Tunnel	Banner Lava Cap	Grass Valley City Limits	\$ 1,170,000	Class II	No	3	0	0	1	3	0	1	8
Ridge	Rough & Ready	Grass Valley City Limits	\$ 3,228,000	Class II	No	3	0	0	1	3	0	1	8
Ridge	Nevada Union High School	Pear Orchard Way	\$ 2,700,000	Class II	No	3	0	0	1	3	0	1	8
Ridge	Pear Orchard Way	Nevada City Limits	\$ 1,800,000	Class II	No	3	0	0	1	3	0	1	8
Rough & Ready	Ridge Rd	Grass Valley City Limits	\$ 2,310,000	Class II	No	3	0	0	1	3	0	1	8
Brunswick	E. Bennett Rd	Wood Rose Way	\$ 1,500,000	No	Yes	3	0	0	0	3	2	0	8
Squirrel Creek	Adam Ave	Crestwood St	\$ 1,200,000	Class III	No	2	0	0	1	3	0	1	7
Loma Rica	Brunswick Rd	End	\$ 3,420,000	Class II	No	2	0	0	0.5	3	0	1	6.5
Pleasant Valley	Hwy 20	Lake Wildwood	\$ 4,200,000	Class II	No	3	0	0	0.5	2	0	1	6.5
La Barr Meadows	McKnight Way	NCOC	\$ 4,200,000	NA	No	3	0	0	0	3	0	0	6
Boulder Street	Nevada City Limits	Rod Dog Rd	\$ 513,000	No	No	2	0	0	0	3	0	1	6

Project Overview

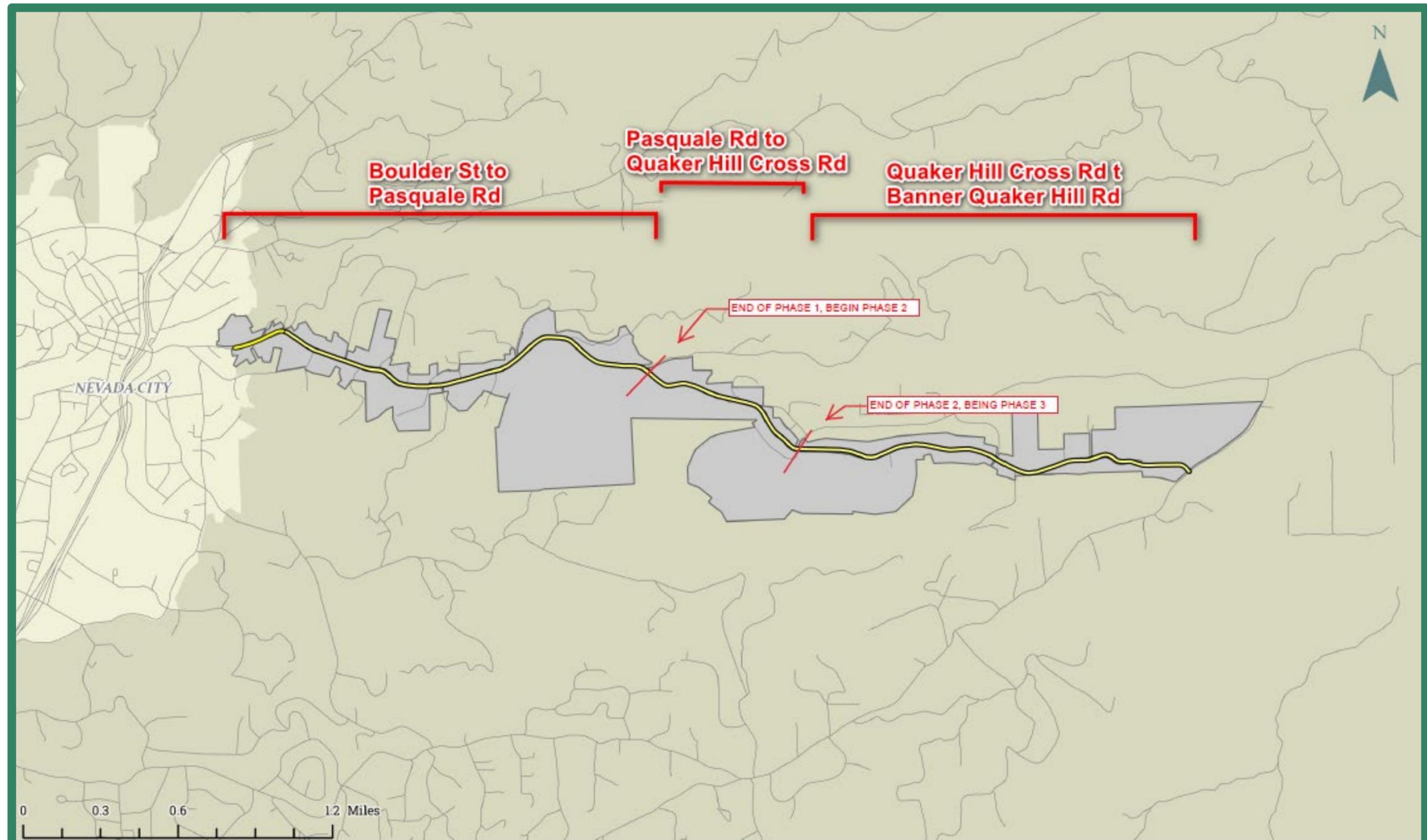
Project Location – Red Dog Road in Nevada City, CA

- Boulder Street to approx. Pasquale Road
- Future phase could include:
- Pasquale Road to Quaker Hill Cross Road
- Quaker Hill Cross Road to Banner Lava Cap

Establish an Underground Utilities District as defined by the CPUC for the Red Dog Road project location.

Establish agreements with PG&E and landowners for undergrounding.

Proposed Project Location



Rule 20A - Red Dog Road Proposed Undergrounding District Boundary

- Red Dog Road & Boulder Street
- Roads
- Utility District Boundary
- City Boundaries

Project Roles

COUNTY ROLES

- Underground Utility District Formation
- Undergrounding Agreements
- Right of Way Definition and Mapping
- Landowner Agreements

PG&E ROLES

- Project Design
- Construction
- Coordination with Utility Companies



AT&T

COMCAST

Impact on Utility Rates

Undergrounding Districts are formed to commence the project process with PG&E.

The formation of this district does not authorize the County to assess fees for this project, however, PG&E determines the project cost during design and Rule 20A work credits are deducted from the County balance.

Rule 20A work credits are not monies, but are equivalent to one U.S. dollar to discount the upfront cost of the undergrounding project.

Summary

- Form the Rule 20A Red Dog Road Underground Utilities District encompassing all potential project phases.
- Secure funds with PG&E
- Lobby PG&E and the CPUC to be listed as an “Active” Underground Utility District.
- Complete construction of the undergrounding project by 2033.

Q&A Session

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