

U.S. Department of the Interior
Bureau of Land Management

Greenlink West Project

Public Input Workshops November 17 and 18, 2021

Welcome!

The Public Input Workshop will begin momentarily. Thank you for your patience as we wait for others to join. While you wait, please input your name and contact/email information in the “chat” area.





U.S. Department of the Interior
Bureau of Land Management

Greenlink West Project

Public Input Workshops November 17 and 18, 2021

This workshop is not part of the formal comment process required by the National Environmental Policy Act (NEPA). The Notice of Intent (NOI) to prepare an Environmental Impact Statement (EIS) is anticipated to occur in late April 2022, which would start the 30-day public scoping process.



Agenda

Meeting Ground Rules

Project Team Introductions

Project Overview

Preliminary Alternatives

Schedule

Open Discussion





Ground Rules

- Microphones and videos of participants will be automatically muted for the duration of the meeting.
- Use the “raised hand” icon if you have a question or want to make a comment. You can also type your question/comment in the “chat” area.
- **Before you leave the workshop, please put your name and contact information in the “chat” area.**





Project Team Leads



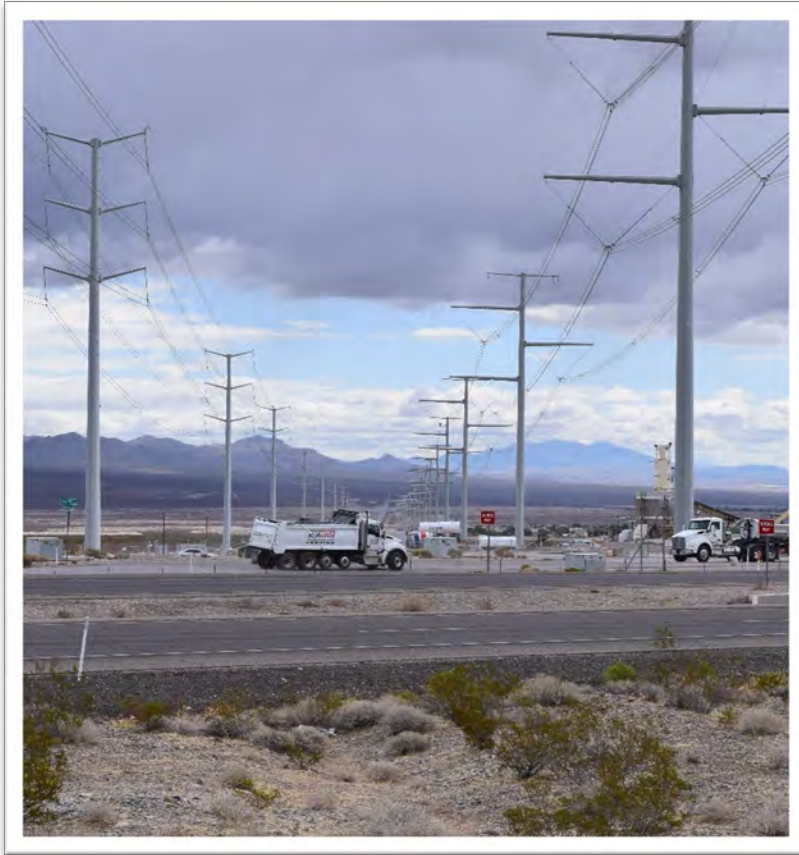
Gregory L. Helseth, BLM

Lee Simpkins, NV Energy

Diane Simpson-Colebank,
Logan Simpson (NEPA
Contractor)



Project Overview



NV Energy's Purpose and Need

Project Location

Electric Transmission Facilities

Ancillary Project Features

Construction Schedule



NV Energy's Purpose and Need

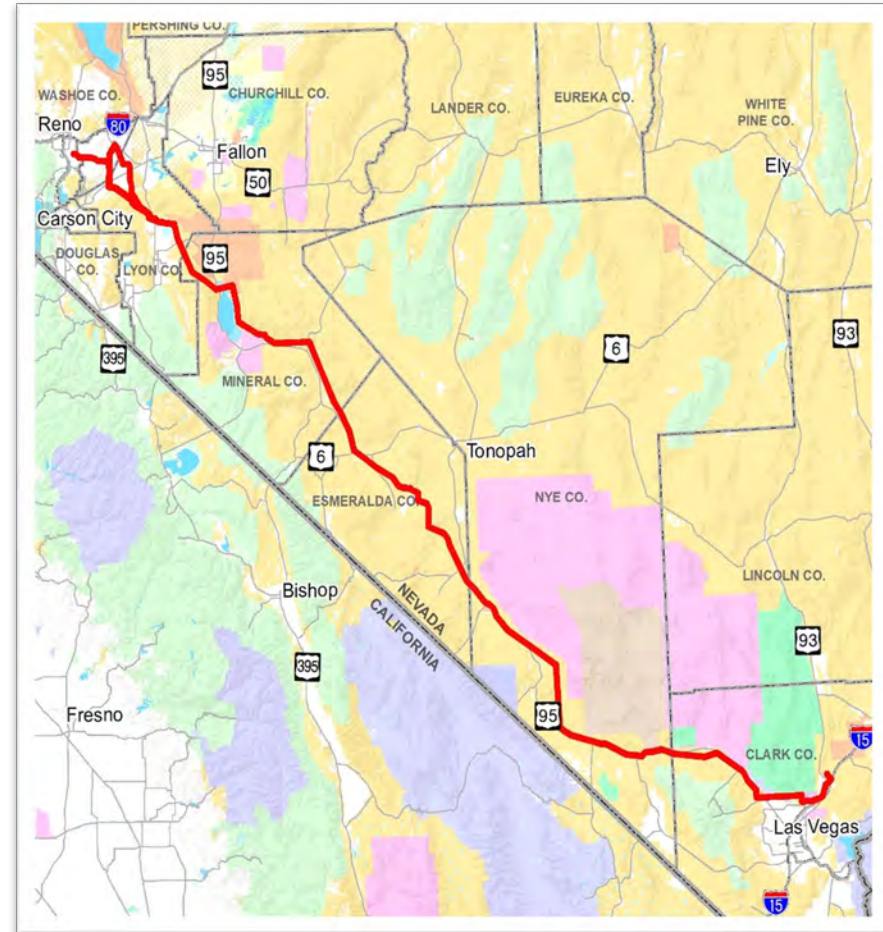
NV Energy has submitted SF 299 and POD to the BLM to:

- Construct, operate, and maintain a proposed system of new 525-kV, 345-kV, 230-kV, and 120-kV electric transmission facilities
- Achieve the State of Nevada Renewable Energy Portfolio and Nevada's Greenhouse Gas Emission Standards
- Provide enhanced access to Nevada's solar resources
- Increase northern Nevada transmission import capacity required to meet native electric demand and Federal Energy Regulatory Commission requests for service



Project Location and Land Ownership

- Clark, Nye, Esmeralda, Mineral, Lyon, Storey, and Washoe counties
- Approximately 469 miles of new transmission lines and associated substations
- Encompasses approx. 13,600 acres of land managed by the BLM, DOD, BIA, and NDSL in addition to private lands
- Permanent 200-foot ROW for 525-kV lines and 160-foot ROW for 345-kV lines



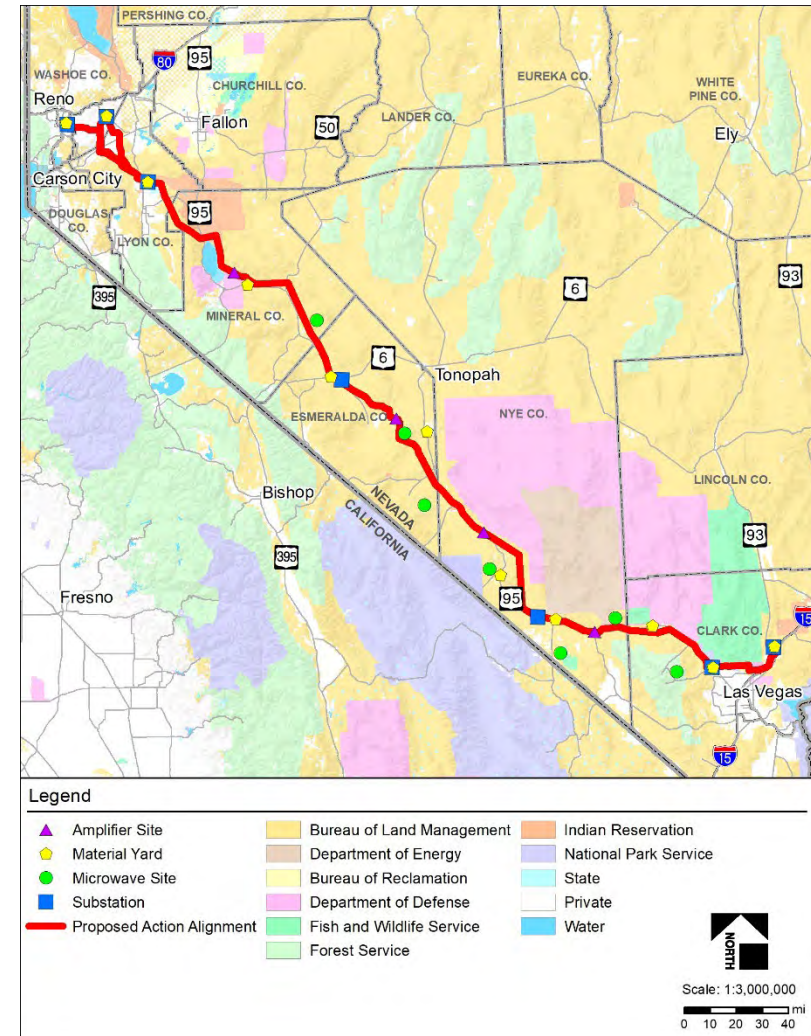
Proposed Action





Ancillary Project Features

- Expansion of Harry Allen Switching Station and Northwest, Mira Loma, and Comstock Meadows Substations
- Construction of new Amargosa and Esmeralda Collector Stations and Fort Churchill Substation
- Access roads (existing roads and new roads)
- Fiber-optic cable communication lines
- New microwave radio facilities





Construction Schedule

- Planned in-service date of December 2026
- Construction period is approximately 3 years



Insulator Assembly



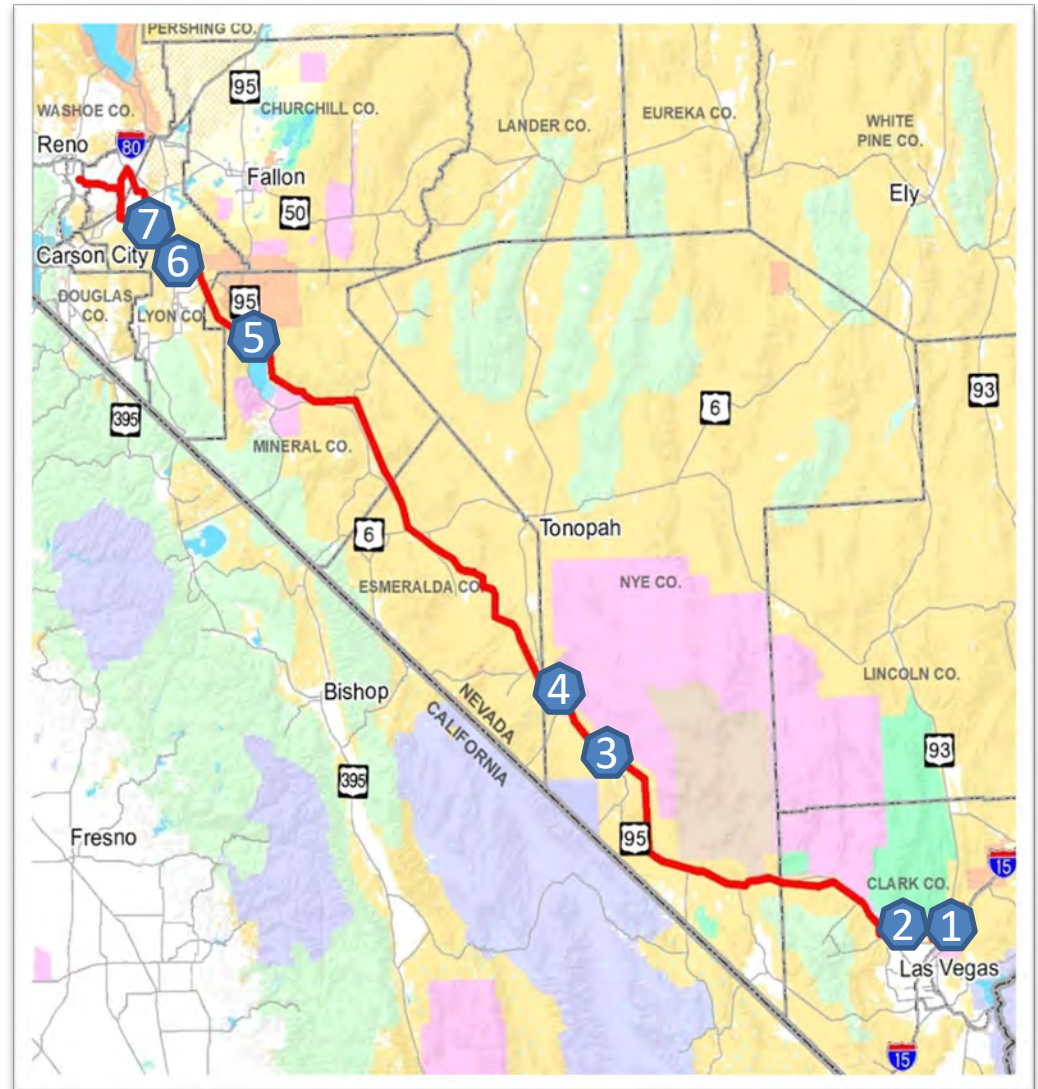
Structure Erection



Preliminary Alternatives

These preliminary alternatives are working drafts.

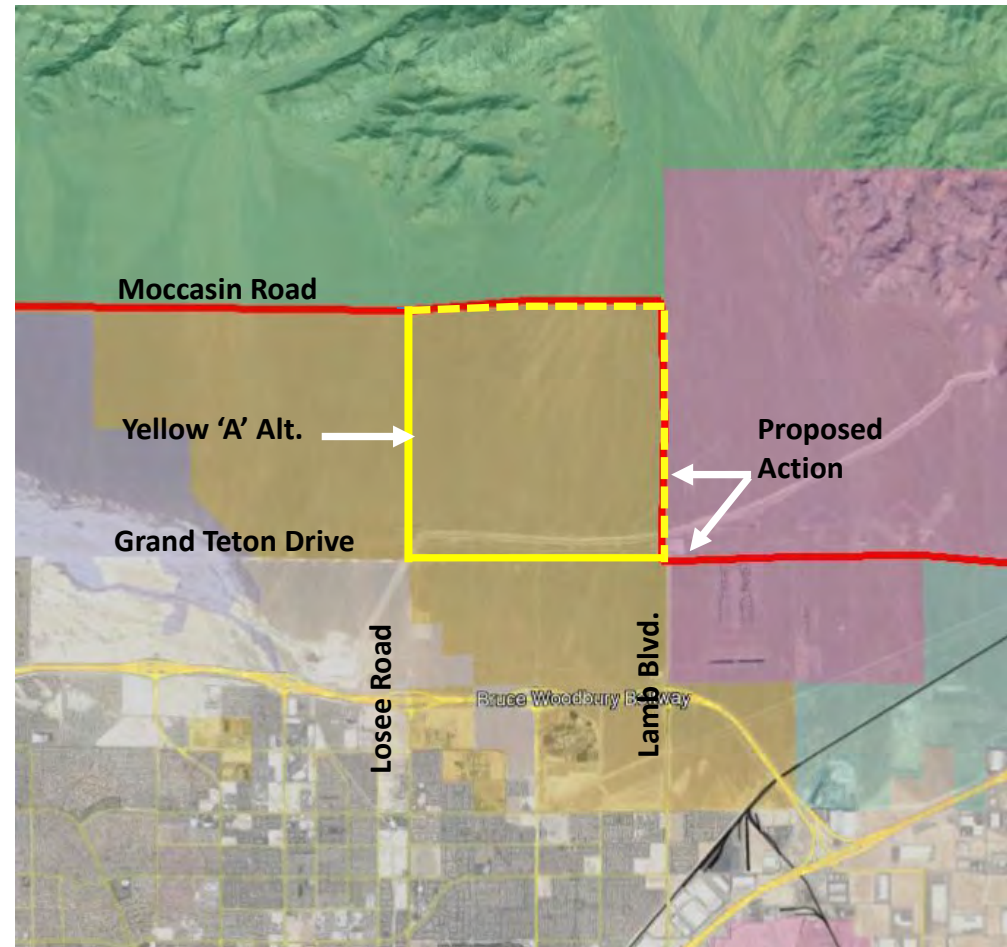
- 1) Losee
- 2) Tule Springs Fossil Beds National Monument (TUSK)
- 3) Beatty/7J Ranch
- 4) Scotty's Junction
- 5) Walker River
- 6) Mason Valley Wildlife Management Area (WMA)
- 7) Carson River





1) Losee Alternatives (Yellow)

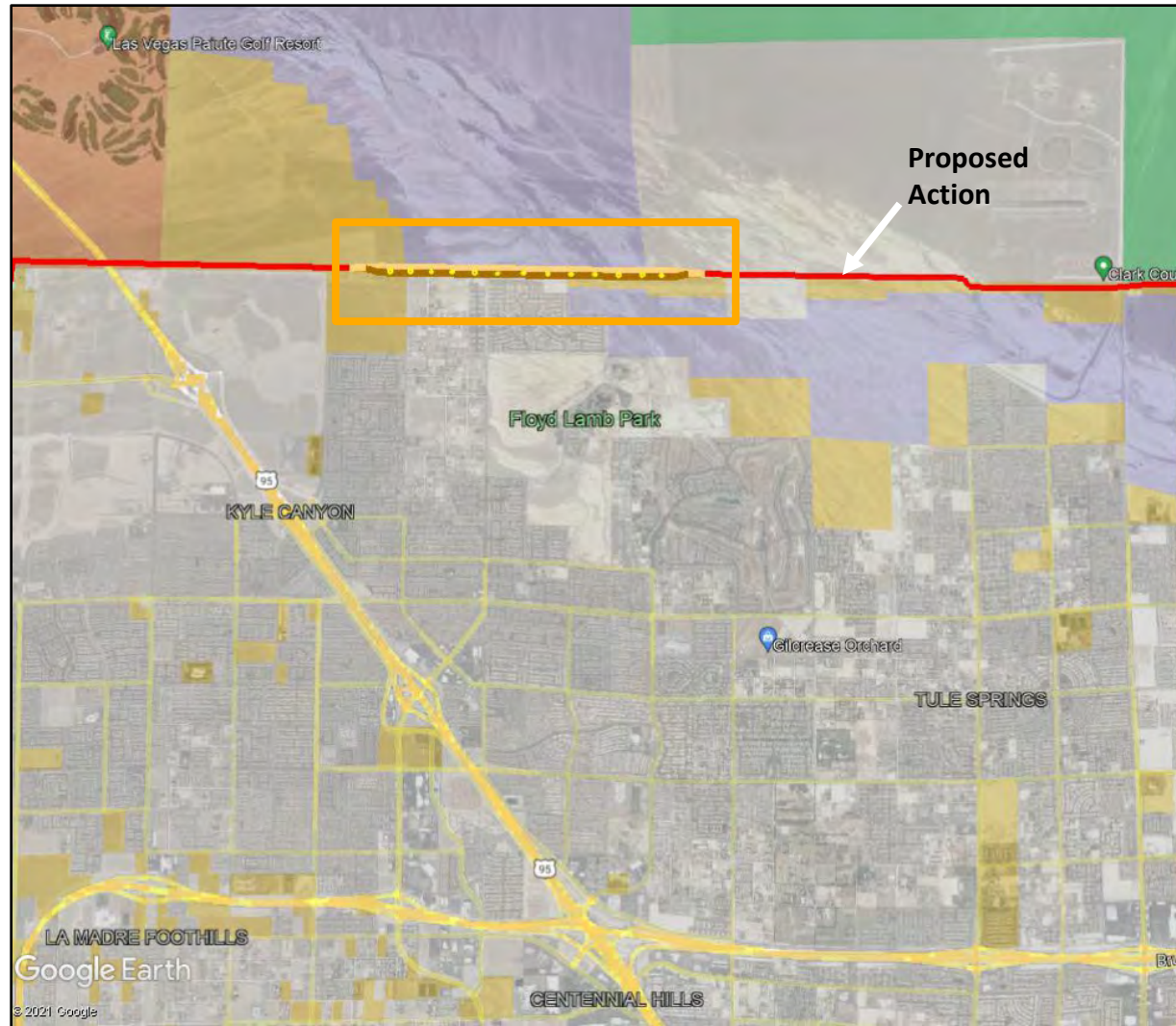
- Yellow 'A'
- Avoids interference with military flight paths from Nellis AFB
- More compatible with City of North Las Vegas land use plan (UNLV future campus)



These preliminary alternatives are working drafts.



2) TUSK Alternatives Location



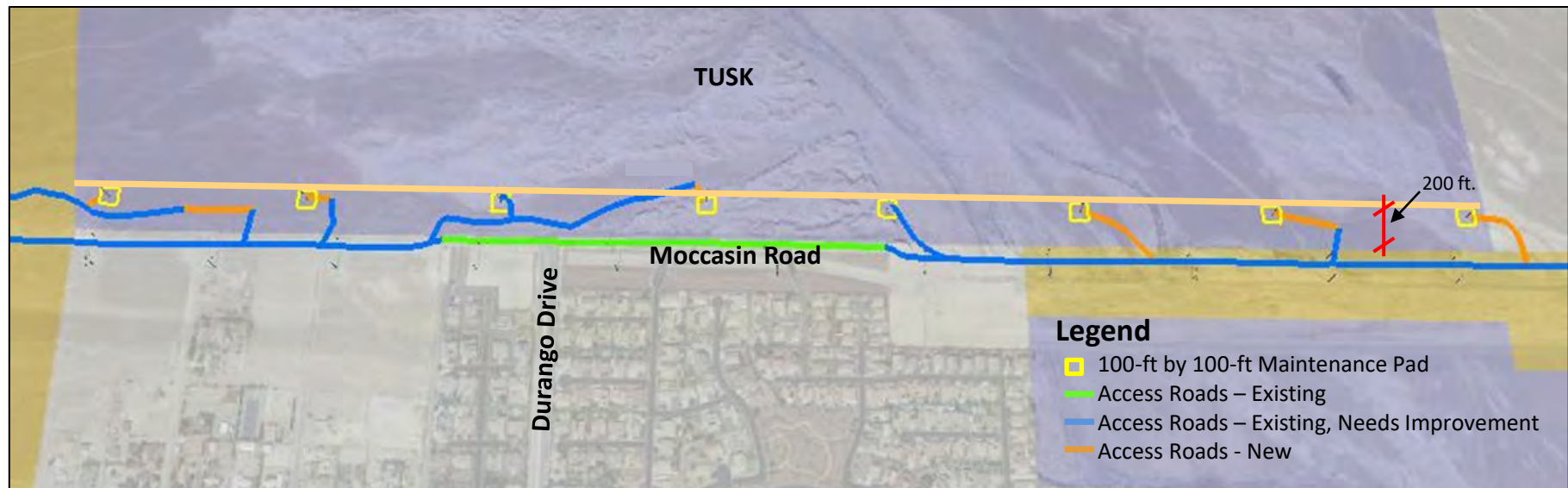
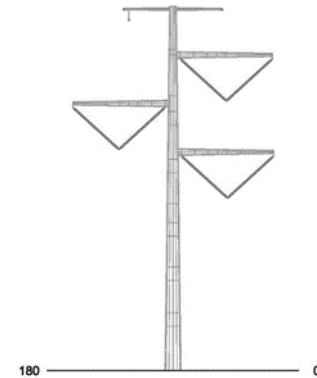
These preliminary alternatives are working drafts.



2) TUSK Alternatives (Brown)

- Brown 'B'
 - 8 Delta monopoles; approximately 120 feet in height
 - 525 kV structures and maintenance pads located 200 feet within TUSK*

* Assumes section line is TUSK boundary

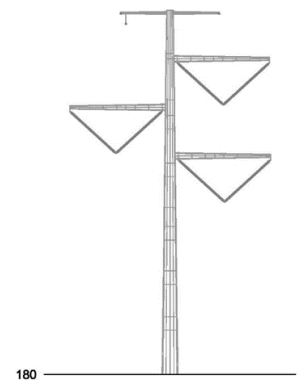


These preliminary alternatives are working drafts.

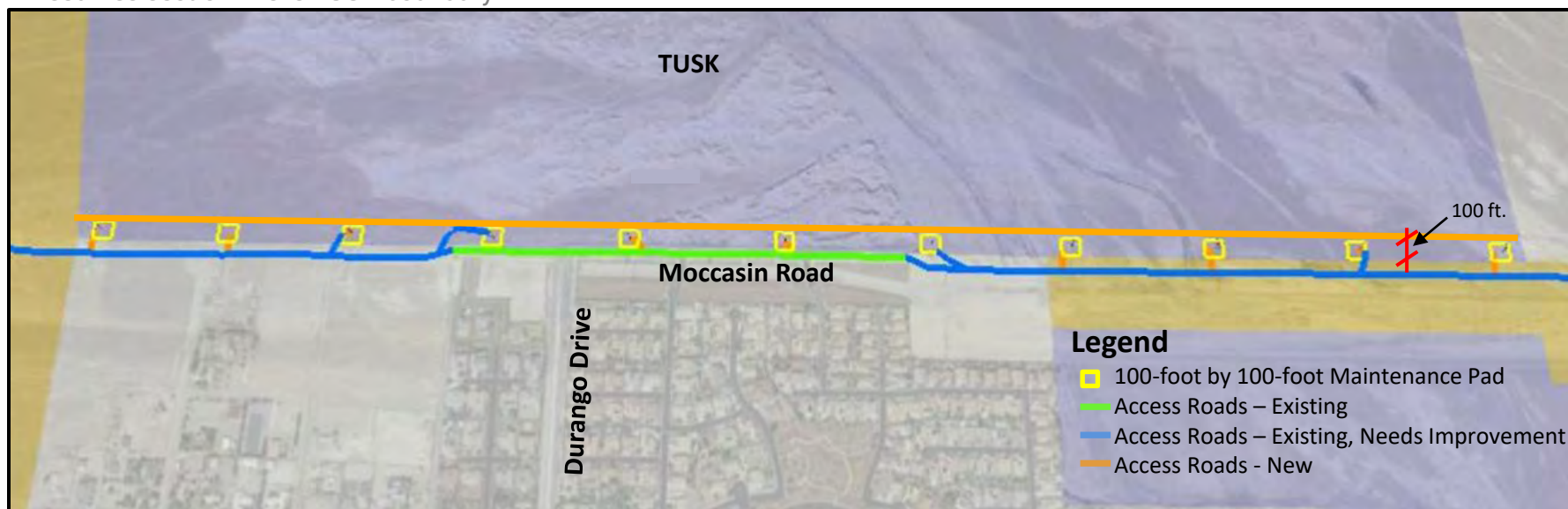


2) TUSK Alternatives (Brown)

- Brown 'C'
 - 11 Delta monopoles; approximately 120 feet in height
 - 525 kV structures and maintenance pads located 100 feet within TUSK*



* Assumes section line is TUSK boundary

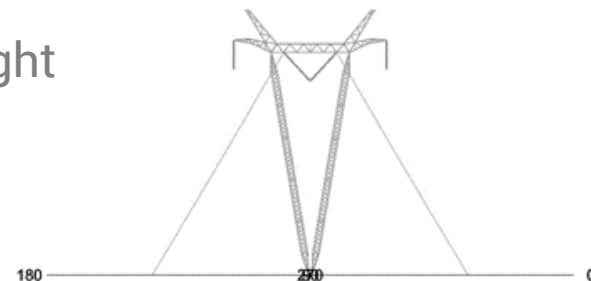


These preliminary alternatives are working drafts.

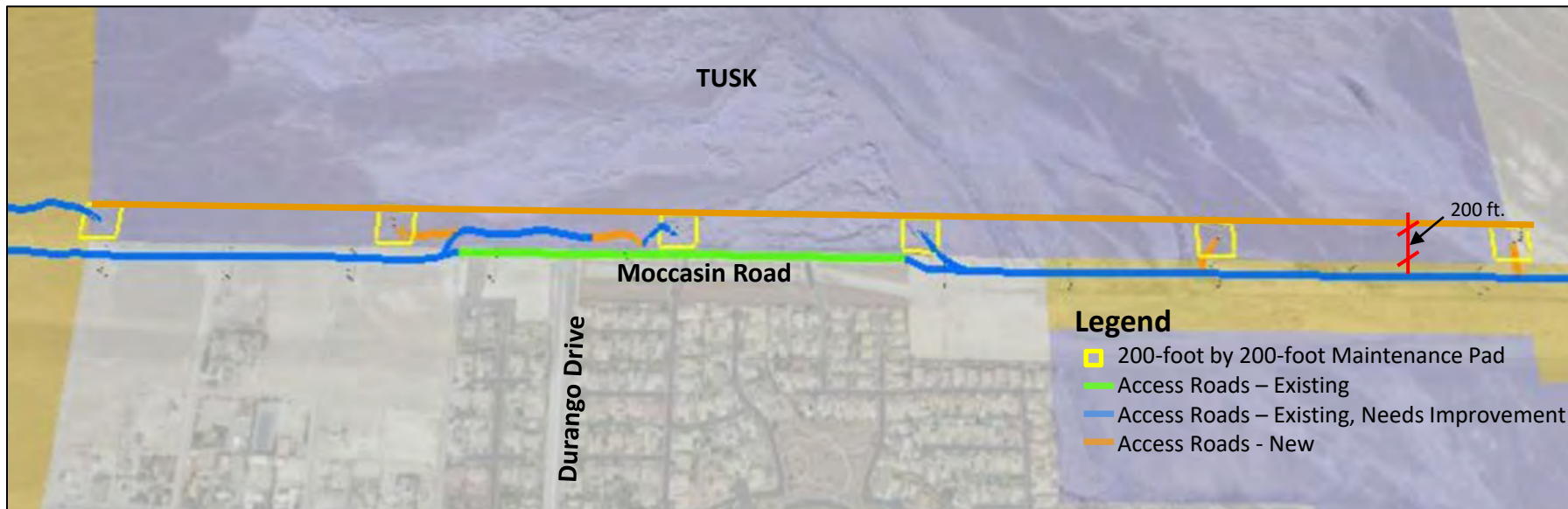


2) TUSK Alternatives (Brown)

- Brown 'D'
 - 6 guyed-V towers; approximately 150 feet in height
 - 525 kV structures and maintenance pads located 200 feet within TUSK*



* Assumes section line is TUSK boundary

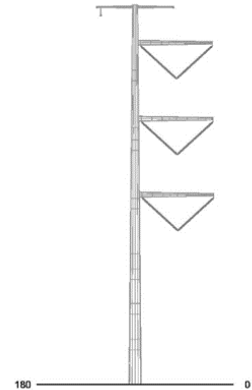


These preliminary alternatives are working drafts.



2) TUSK Alternatives (Brown)

- Brown 'E'
 - 11 vertical monopoles; approximately 180 feet in height
 - 525 kV structures and maintenance pads located 55 feet within TUSK*



* Assumes section line is TUSK boundary



These preliminary alternatives are working drafts.



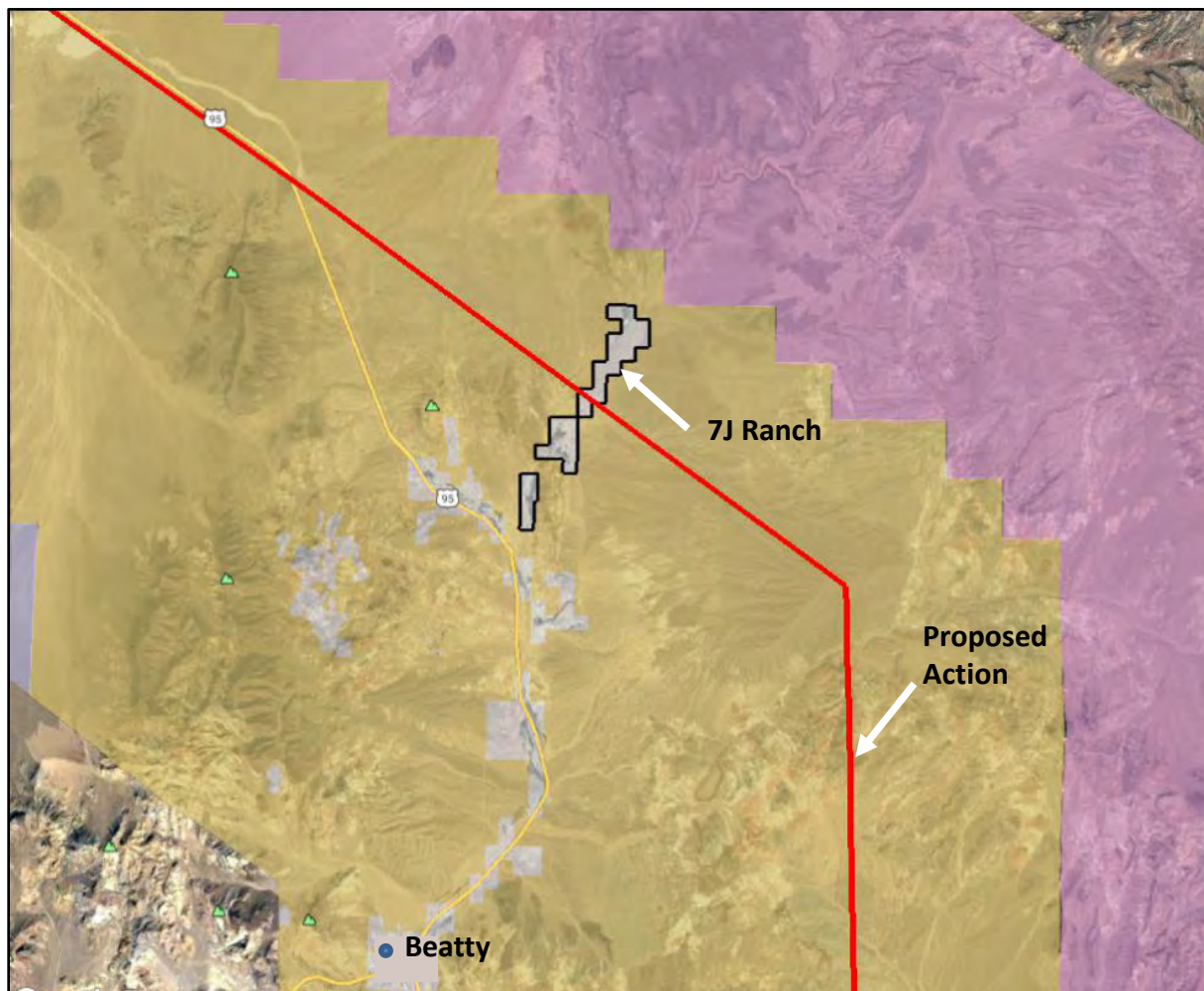
2) Other TUSK Alternatives

- Underground 525 kV line
- Adding 525 kV line to existing Lenzie-Northwest/Harry Allen-Northwest pole structures
- Bruce Woodbury Beltway (County 215) route
- Place 525 kV line in the electric utility corridor as stated in the TUSK legislative language (HR3979-570, PL 112-272; 126 Stat. 2248, amended 2014)

These preliminary alternatives are working drafts.



3) Beatty/7J Ranch Alternatives Location

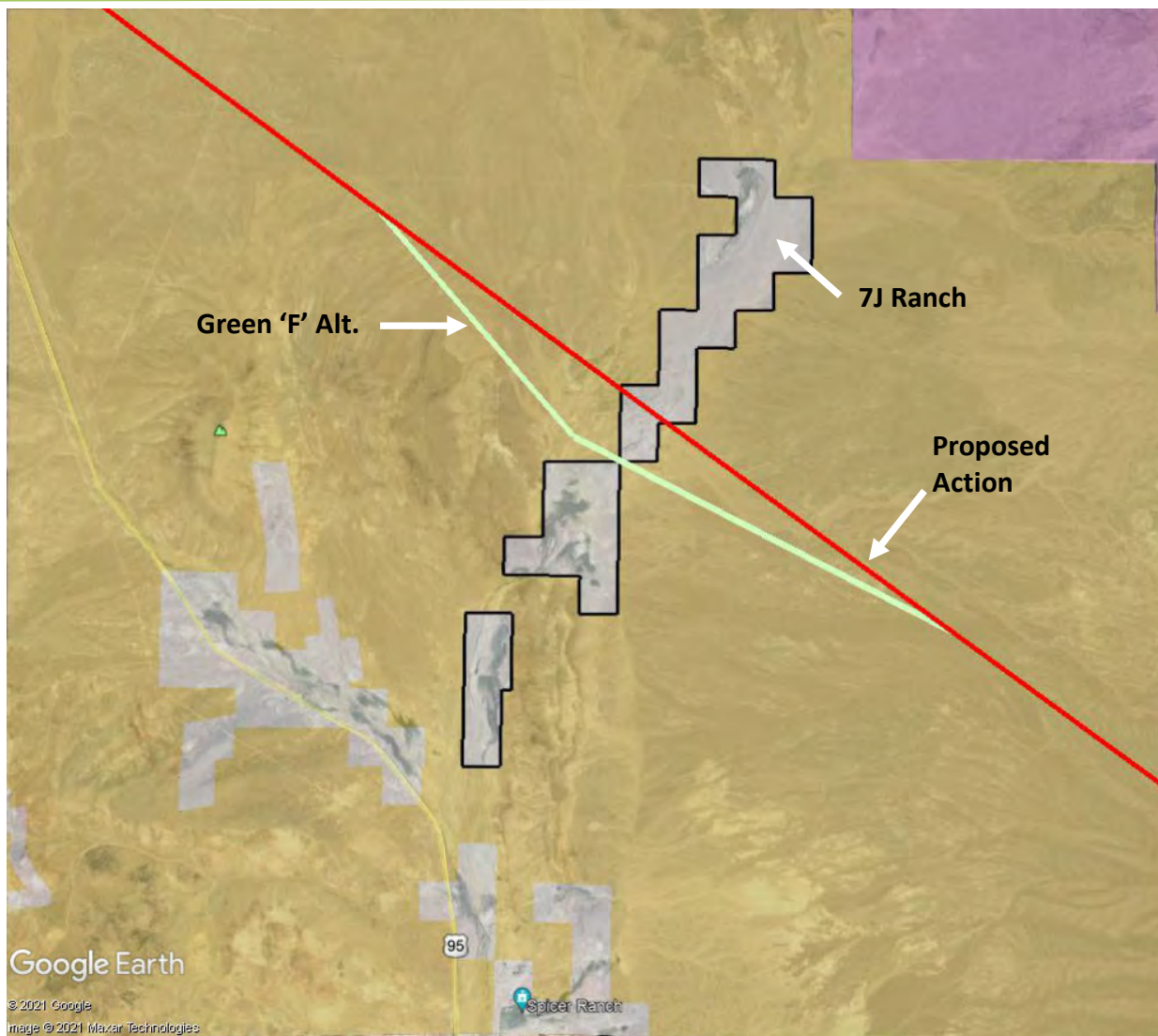


These preliminary alternatives are working drafts.



3) Beatty/7J Ranch Alternatives (Green)

- Green 'F'
- Avoids structures placed within the 7J Ranch
- Butterfly (parcel corner) crossing at intersecting corners of the 7J Ranch
- 200-foot width permanent ROW required

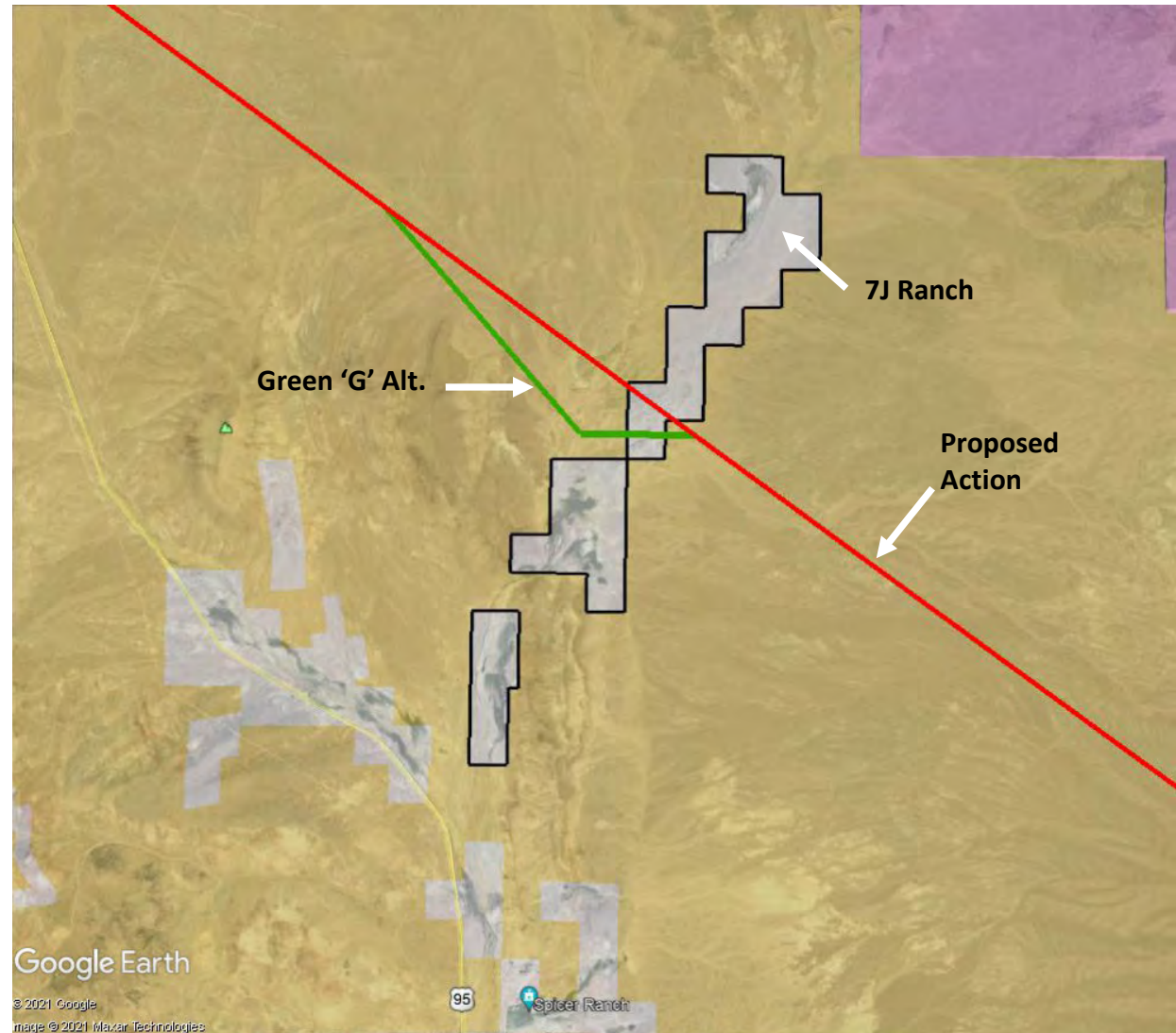


These preliminary alternatives are working drafts.



3) Beatty/7J Ranch Alternatives (Green)

- Green 'G'
- Avoids structures placed within the 7J Ranch
- Line crossing to span approximately 1,300 feet over the 7J Ranch
- 200-foot width permanent ROW required

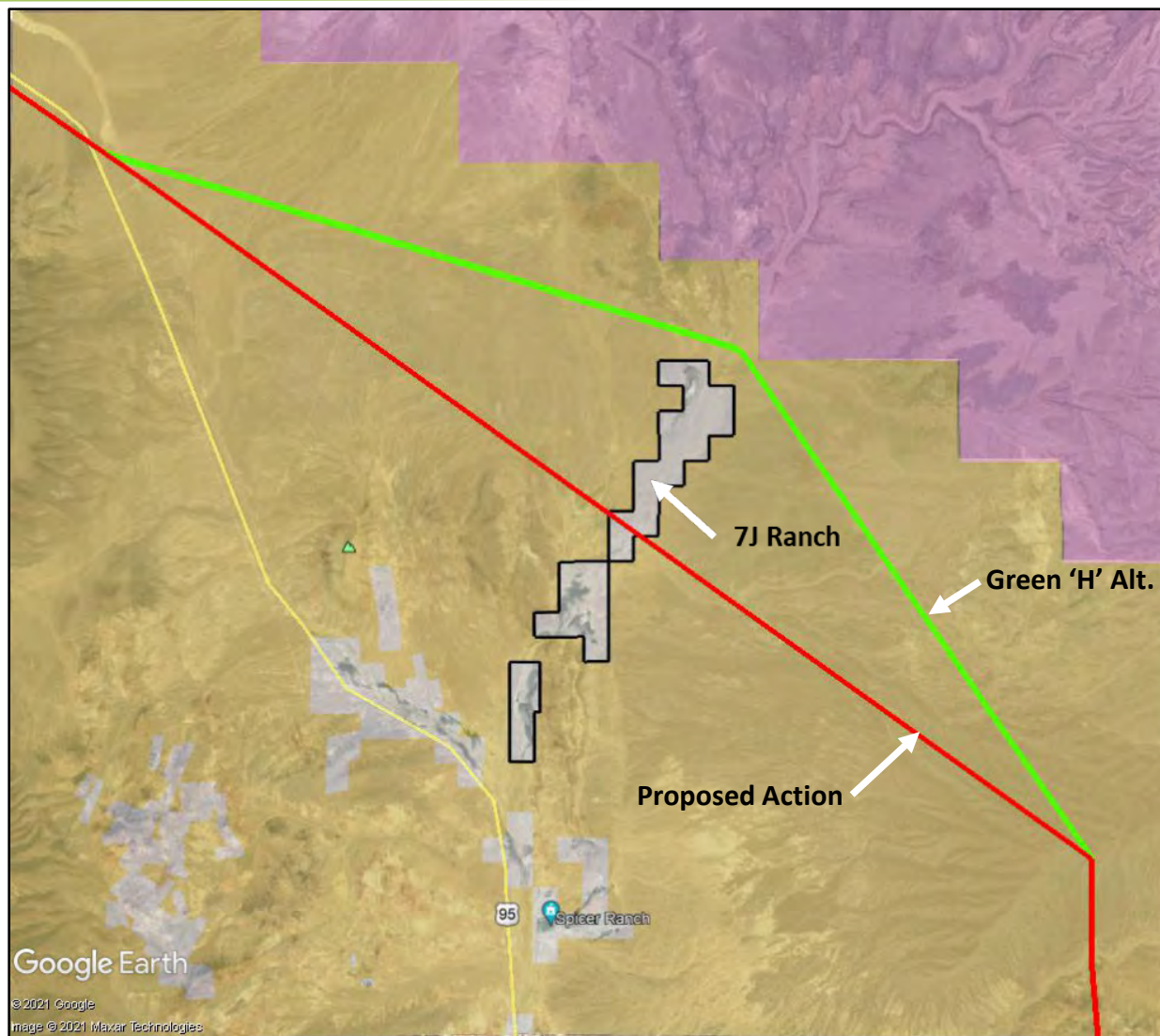


These preliminary alternatives are working drafts.



3) Beatty/7J Ranch Alternatives (Green)

- Green 'H'
- Avoids structures and overhead lines within the 7J Ranch



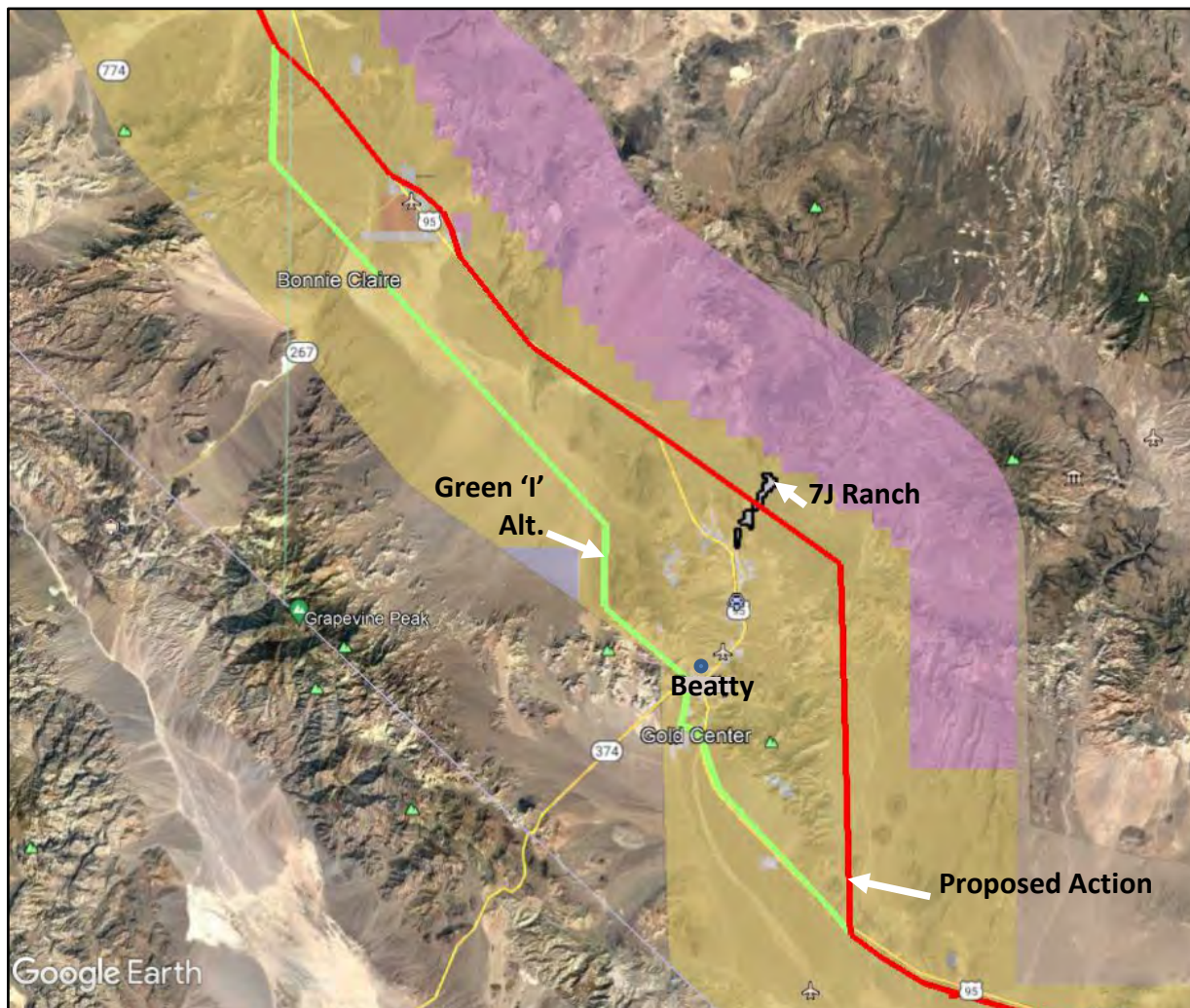
These preliminary alternatives
are working drafts.



3) Beatty/7J Ranch Alternatives (Green)

- Green 'I'
- Avoids the 7J Ranch
- Alignment generally follows existing transmission lines

These preliminary alternatives
are working drafts.

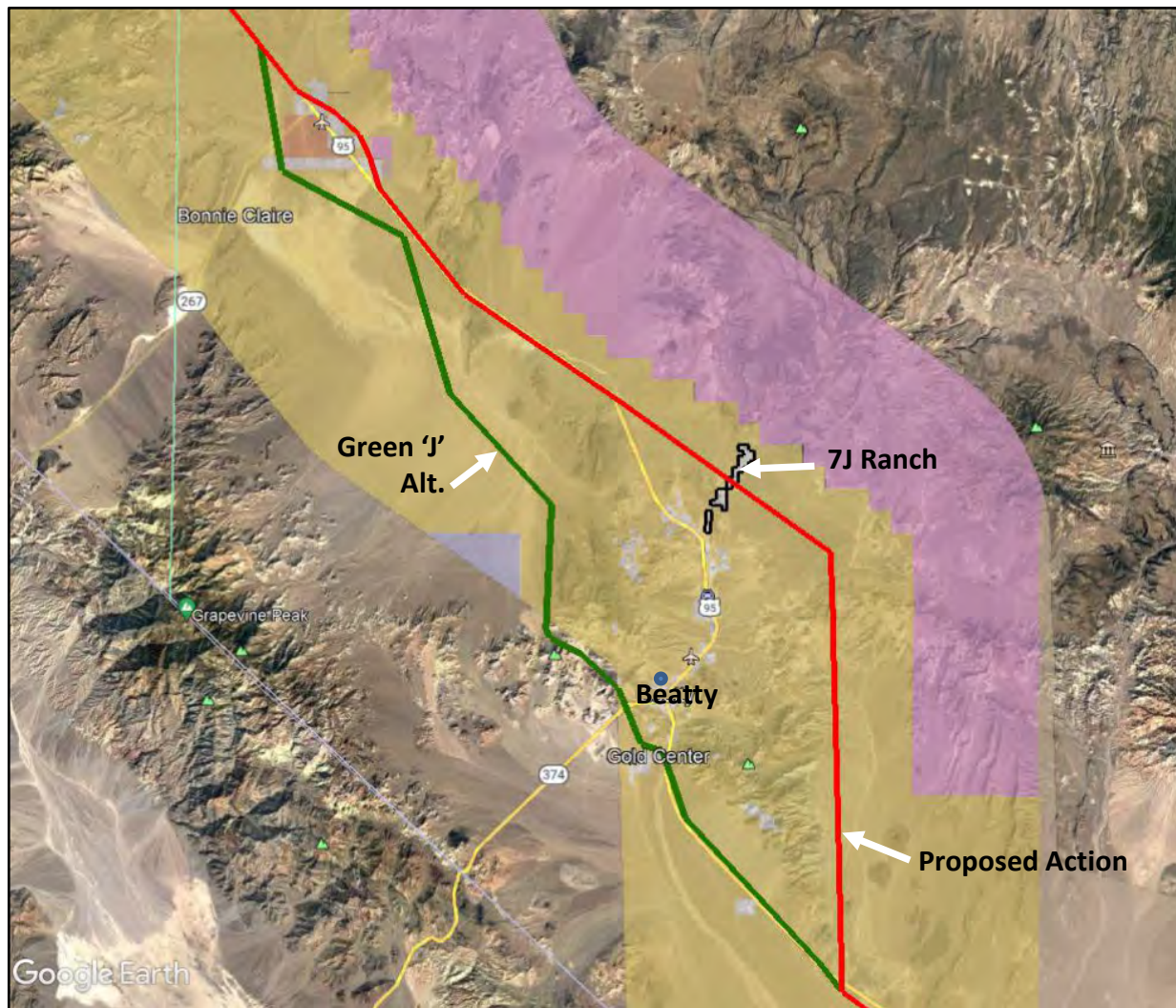




3) Beatty/7J Ranch Alternatives (Green)

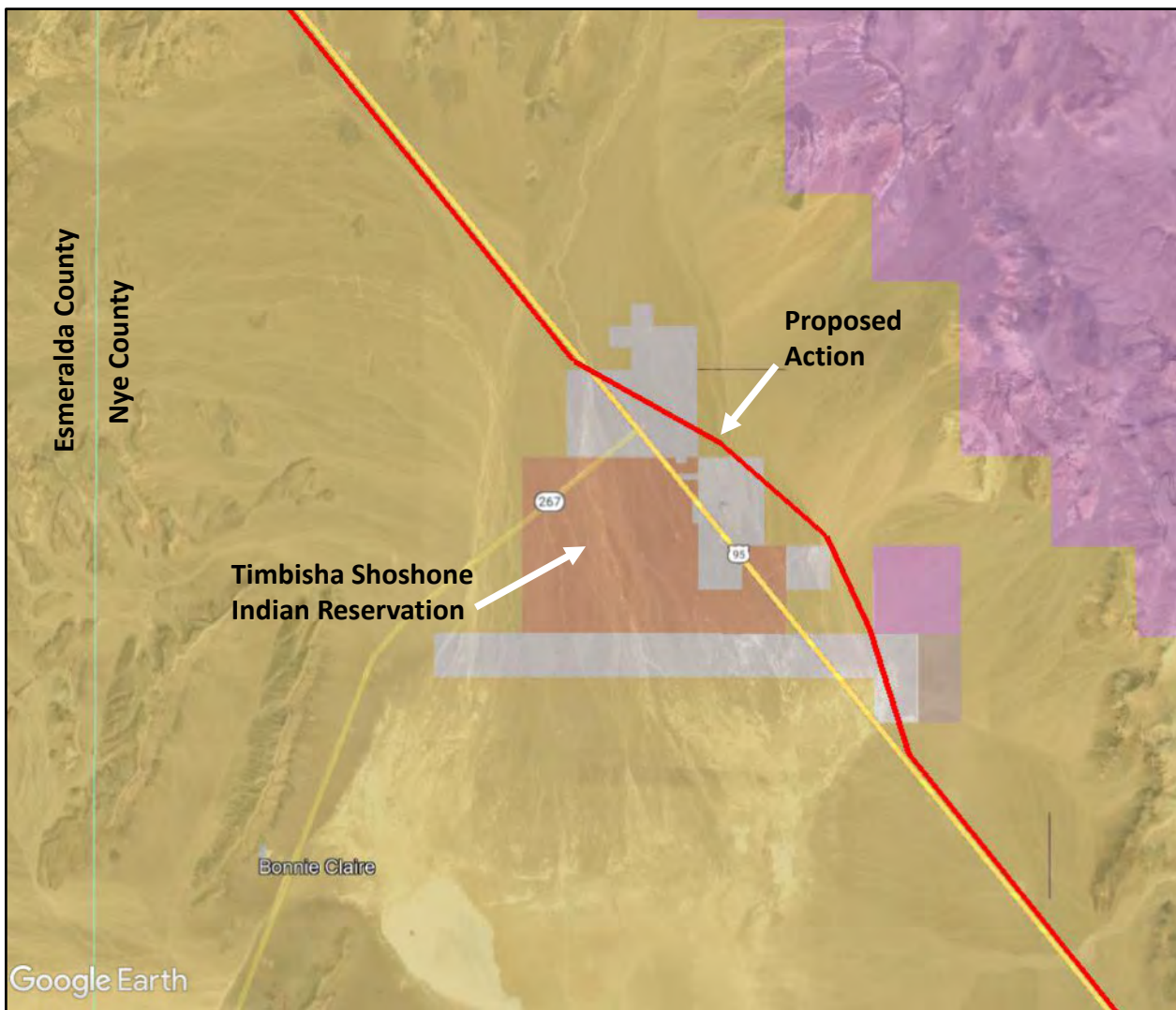
- Green 'J'
- Avoids the 7J Ranch and Beatty
- Follows route in updated West-wide Energy Corridor (WVEC)

These preliminary alternatives are working drafts.





4) Scotty's Jct. Alternatives Location

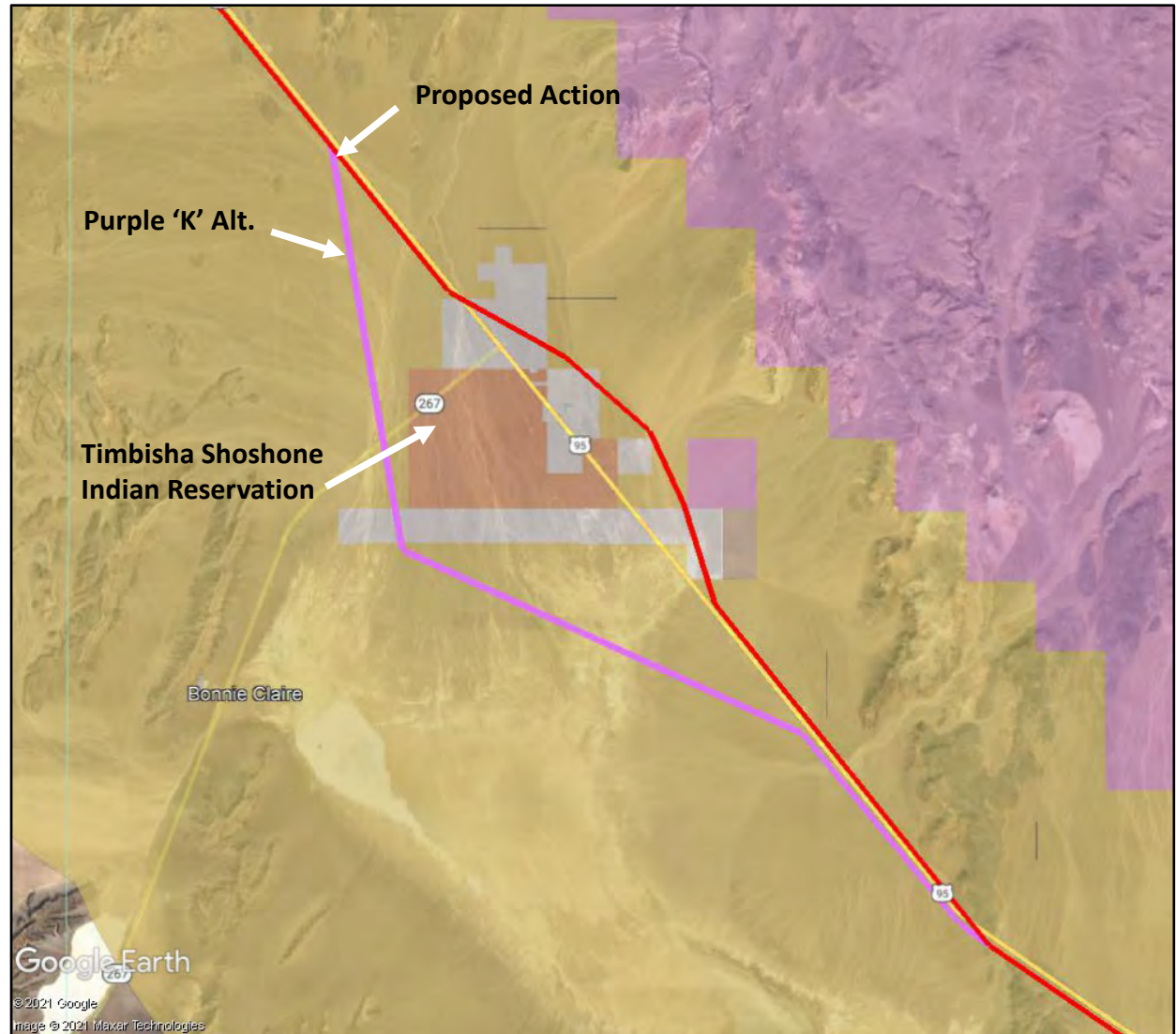


These preliminary alternatives are working drafts.



4) Scotty's Jct. Alternatives (Purple)

- Purple 'K'
- Avoids Timbisha Shoshone Indian Reservation and developable private lands

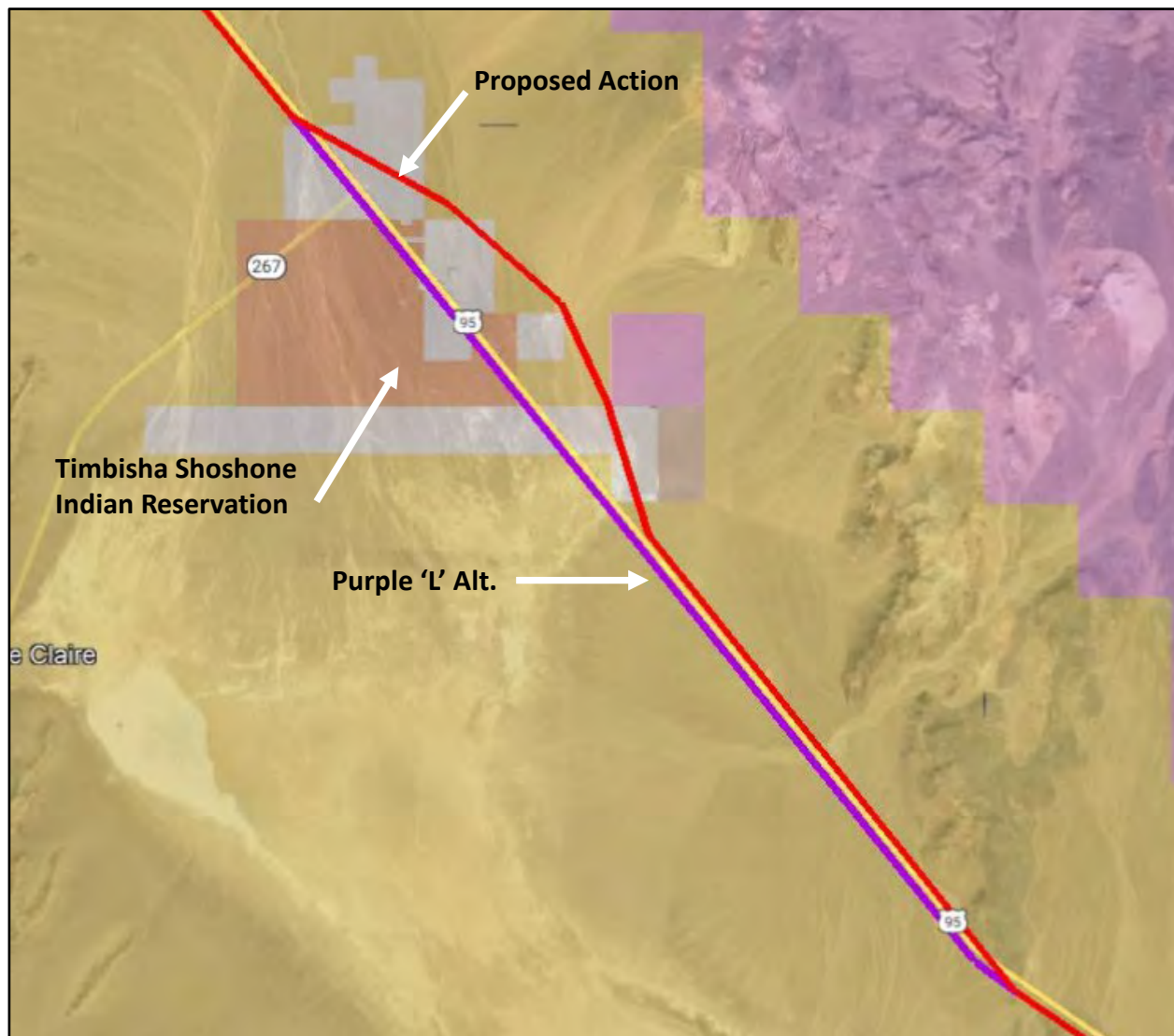


These preliminary alternatives
are working drafts.



4) Scotty's Jct. Alternatives (Purple)

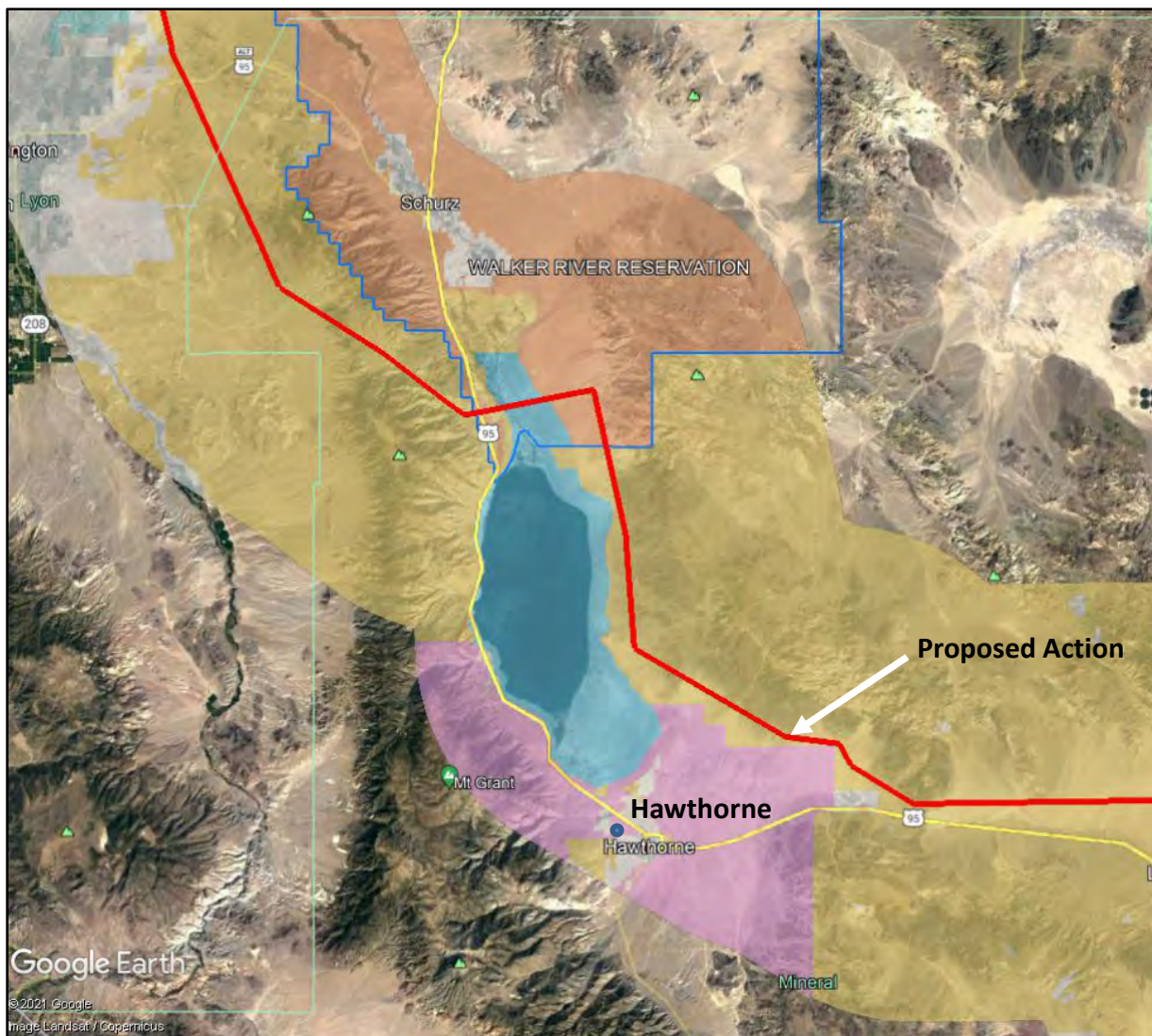
- Purple 'L'
 - Avoids multiple crossings of US 95



These preliminary alternatives
are working drafts.



5) Walker River Alternatives Location



These preliminary
alternatives are working
drafts.



5) Walker River Alternatives Location (Orange)

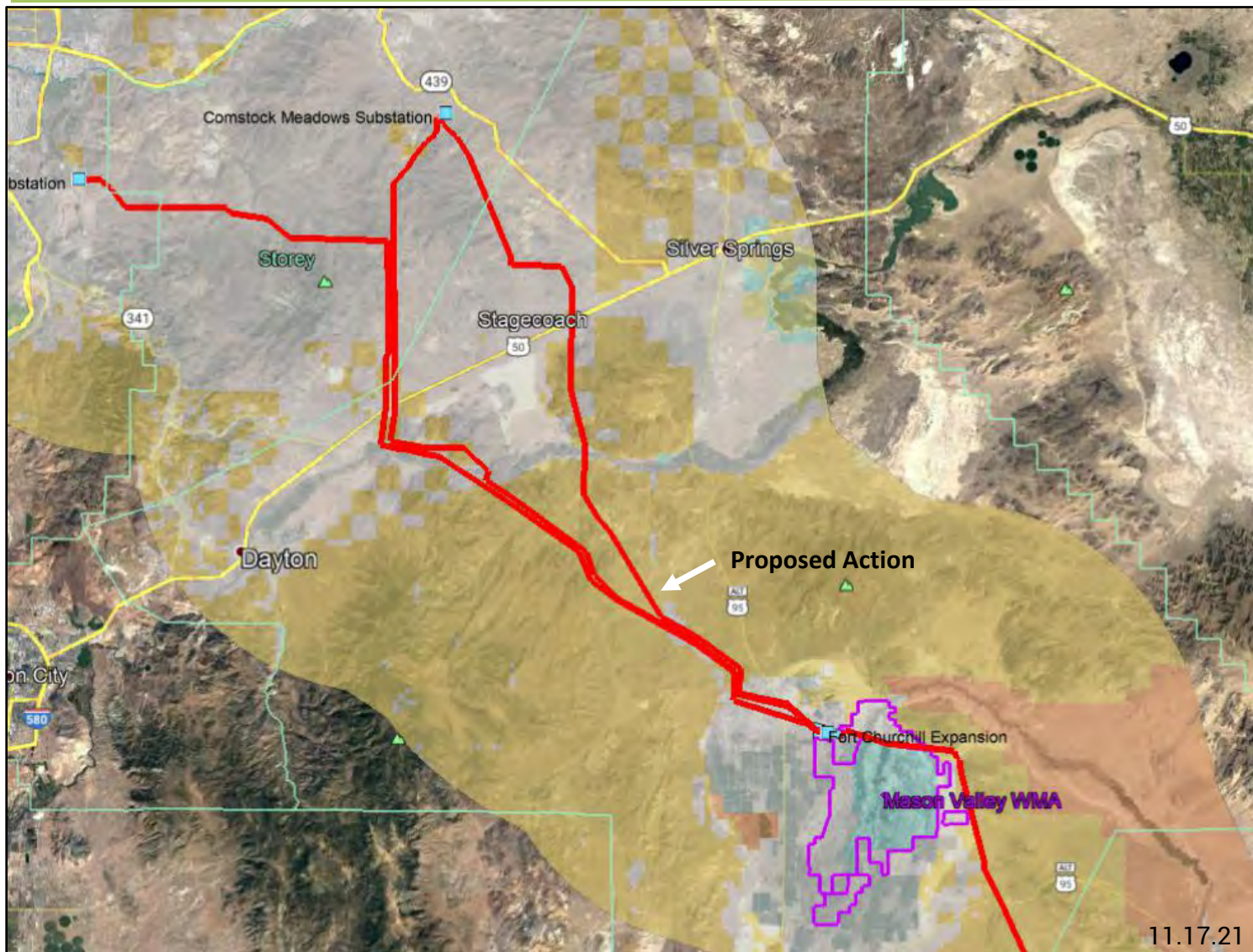
- Orange 'M'
- Avoids Walker River Paiute Indian Reservation



These preliminary alternatives
are working drafts.



6) Mason Valley WMA Alternatives Location



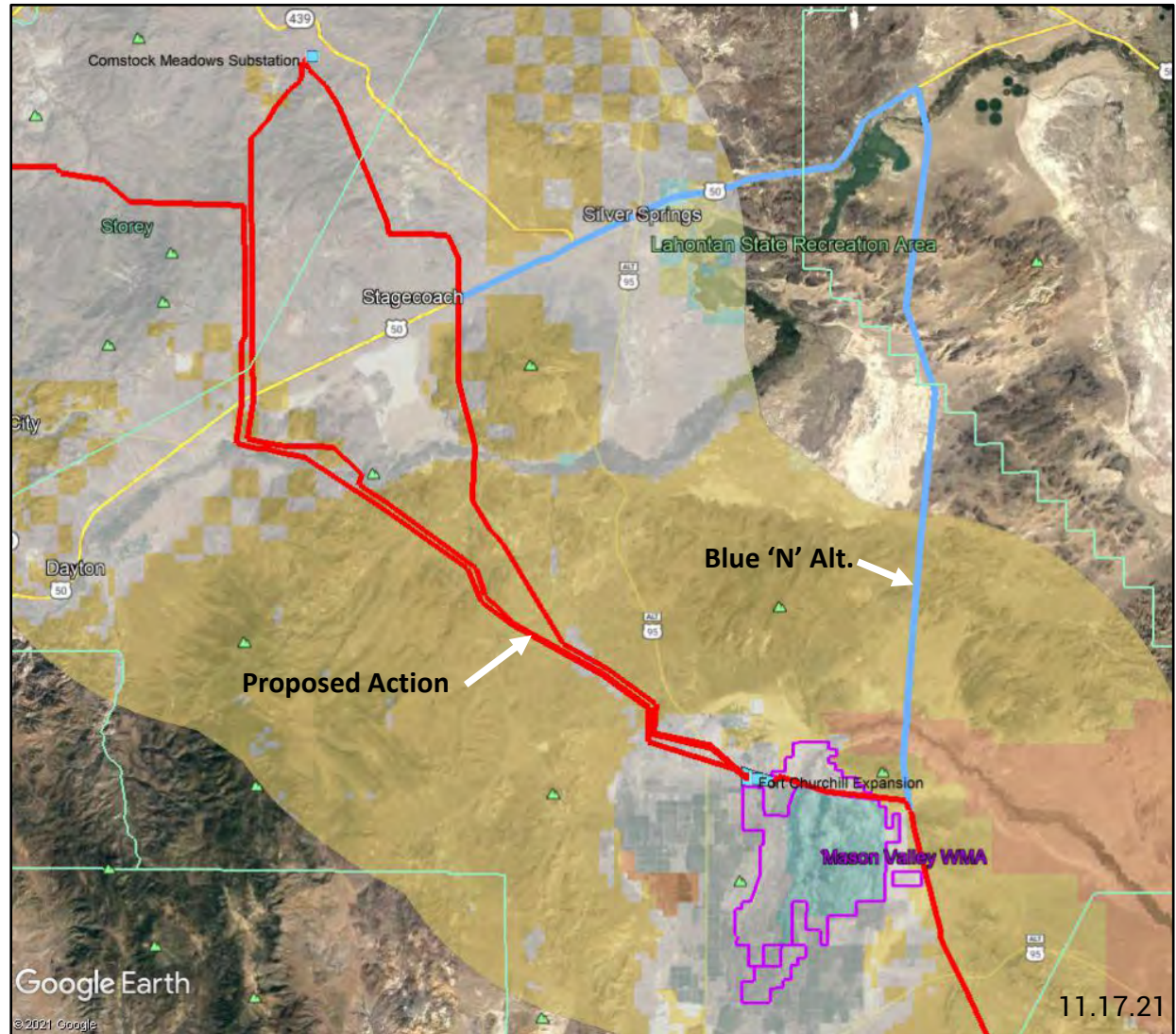
These preliminary
alternatives are
working drafts.



6) Mason Valley WMA Alternatives (Blue)

- Blue 'N'
- Avoids Mason Valley WMA
- Portion of the alternative alignment follows existing transmission line
- Crosses Walker River Paiute Indian Reservation

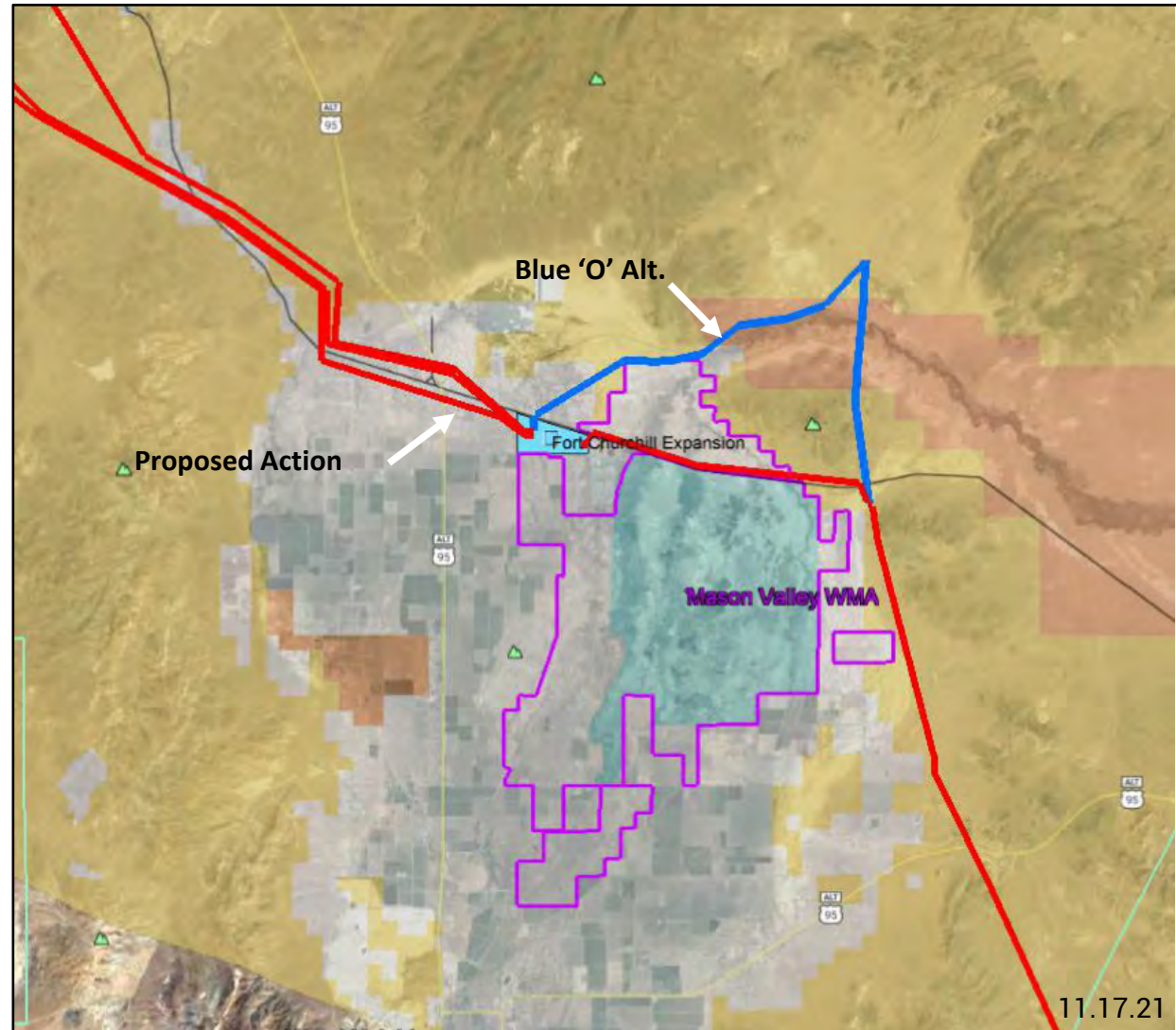
These preliminary alternatives are working drafts.





6) Mason Valley WMA Alternatives (Blue)

- Blue 'O'
- Avoids Mason Valley WMA
- Crosses Walker River Paiute Indian Reservation



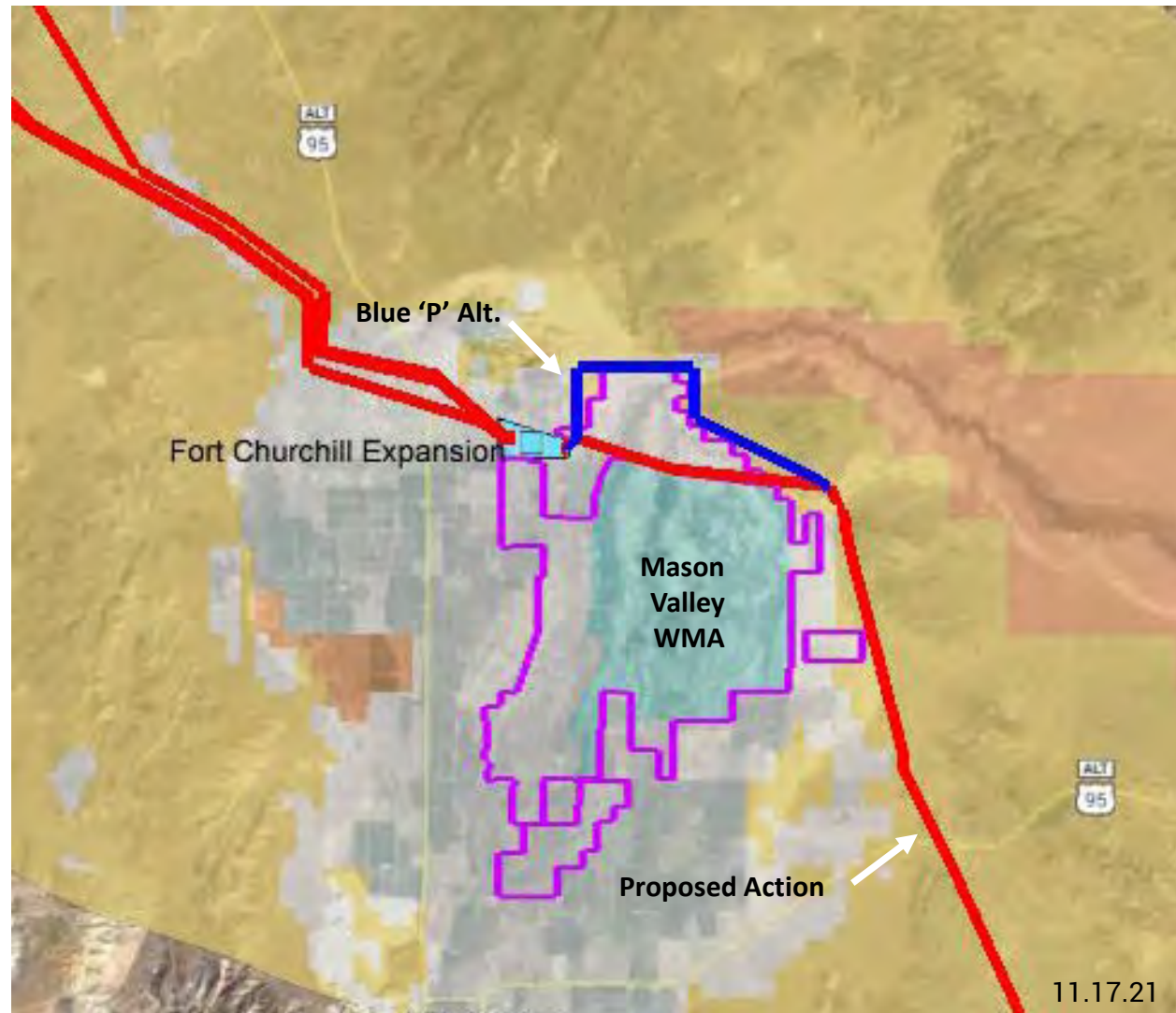
These preliminary alternatives
are working drafts.



6) Mason Valley WMA Alternatives (Blue)

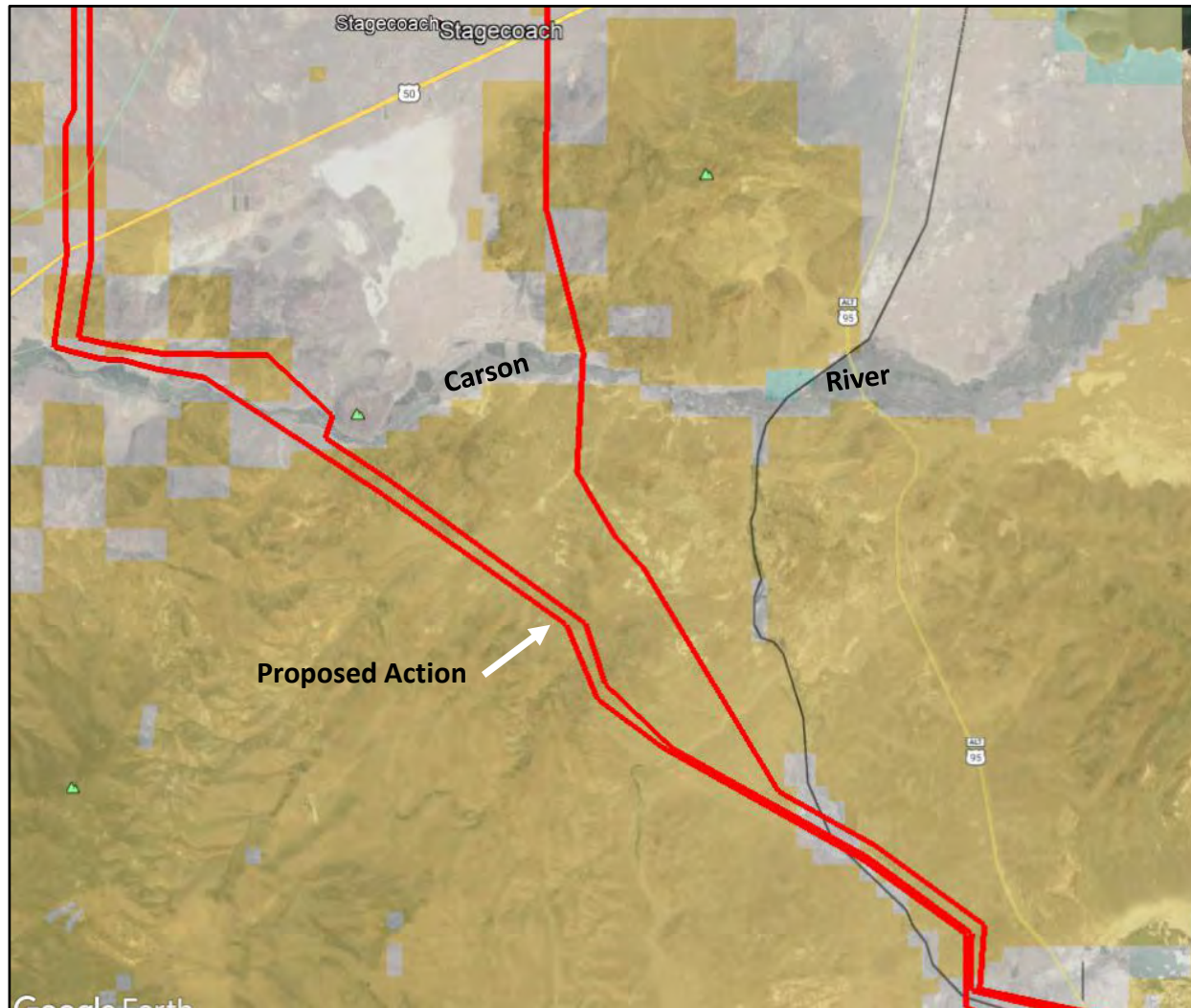
- Blue 'P'
 - Avoids Walker River Paiute Indian Reservation
 - Line crossing to span approximately 1,100 feet over the Mason Valley WMA
 - 200-foot width permanent ROW required

These preliminary alternatives are working drafts.





7) Carson River Alternatives Location

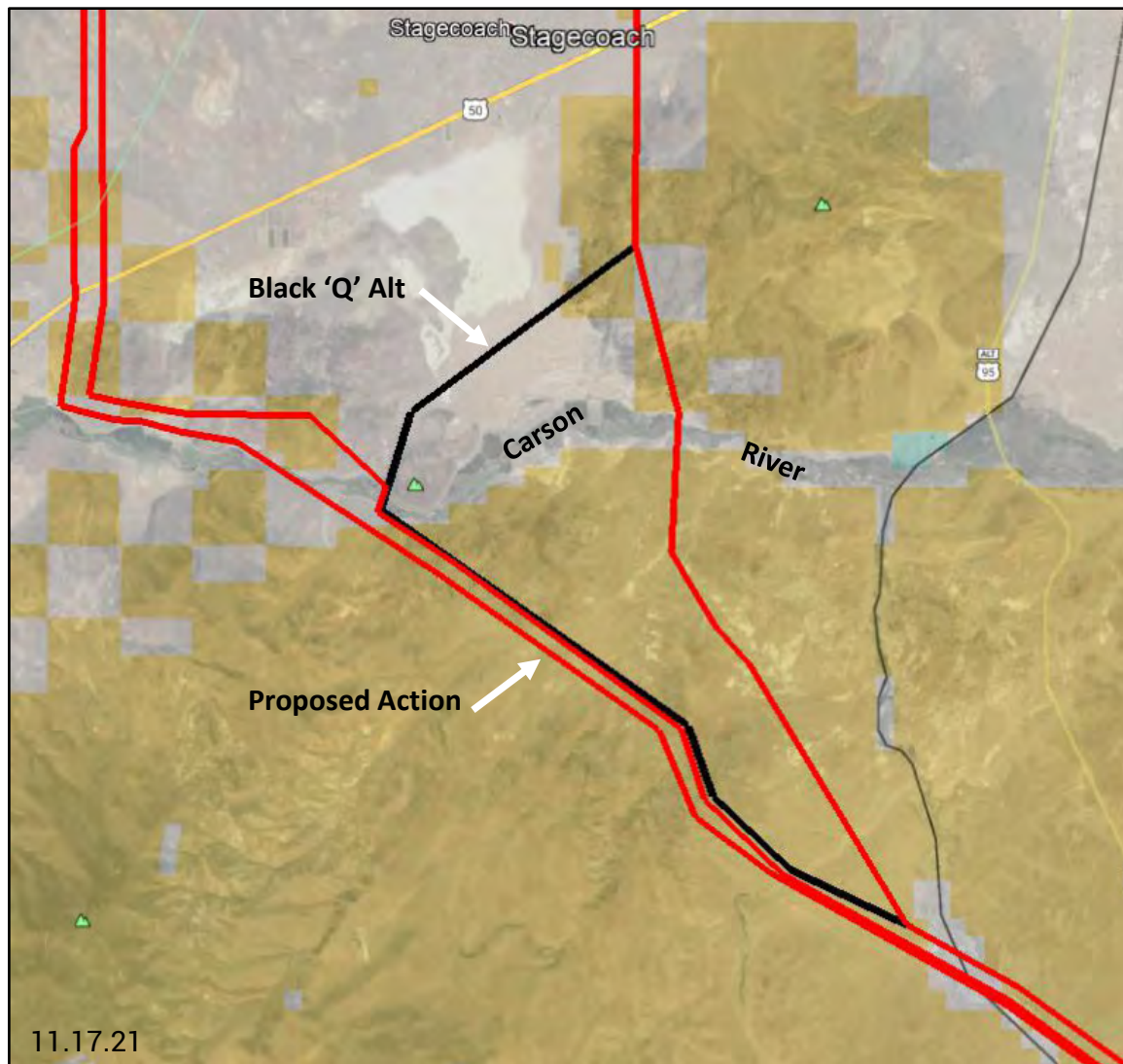


These preliminary alternatives are working drafts.



7) Carson River Alternatives (Black)

- Black 'Q'
- Focuses the three 345 kV lines crossing of Carson River in one location



These preliminary alternatives
are working drafts.



EIS/ROD Major Milestone Schedule

Notice of
Intent
April 2022

Public Scoping
May 2022

Public Review
of Draft EIS &
bundled RMP
Amendment
per
Alternative
**Oct. 2022-
Jan. 2023**

Final EIS &
Proposed
RMP
Amendment
May 2023

30-day Protest
Period / 60-
day
Governor's
Review Period
**May 2023-
June 2023**

Record of
Decision
(ROD)
July 2023



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OPEN DISCUSSION

Contact Information:

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BLM Nevada Greenlink website:

<https://www.blm.gov/nv-greenlink-west-project-2021>