



U.S. Department of the Interior
Bureau of Land Management
Nevada Renewable Energy Coordination Office

December 13, 2024

Greenlink North Transmission Project

Updates for the
Sagebrush Ecosystem Council Meeting



Presenters

Jon K. Raby, Nevada State Director

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Mathew Johns, NV Energy Vice President, Environmental Services and Land Management

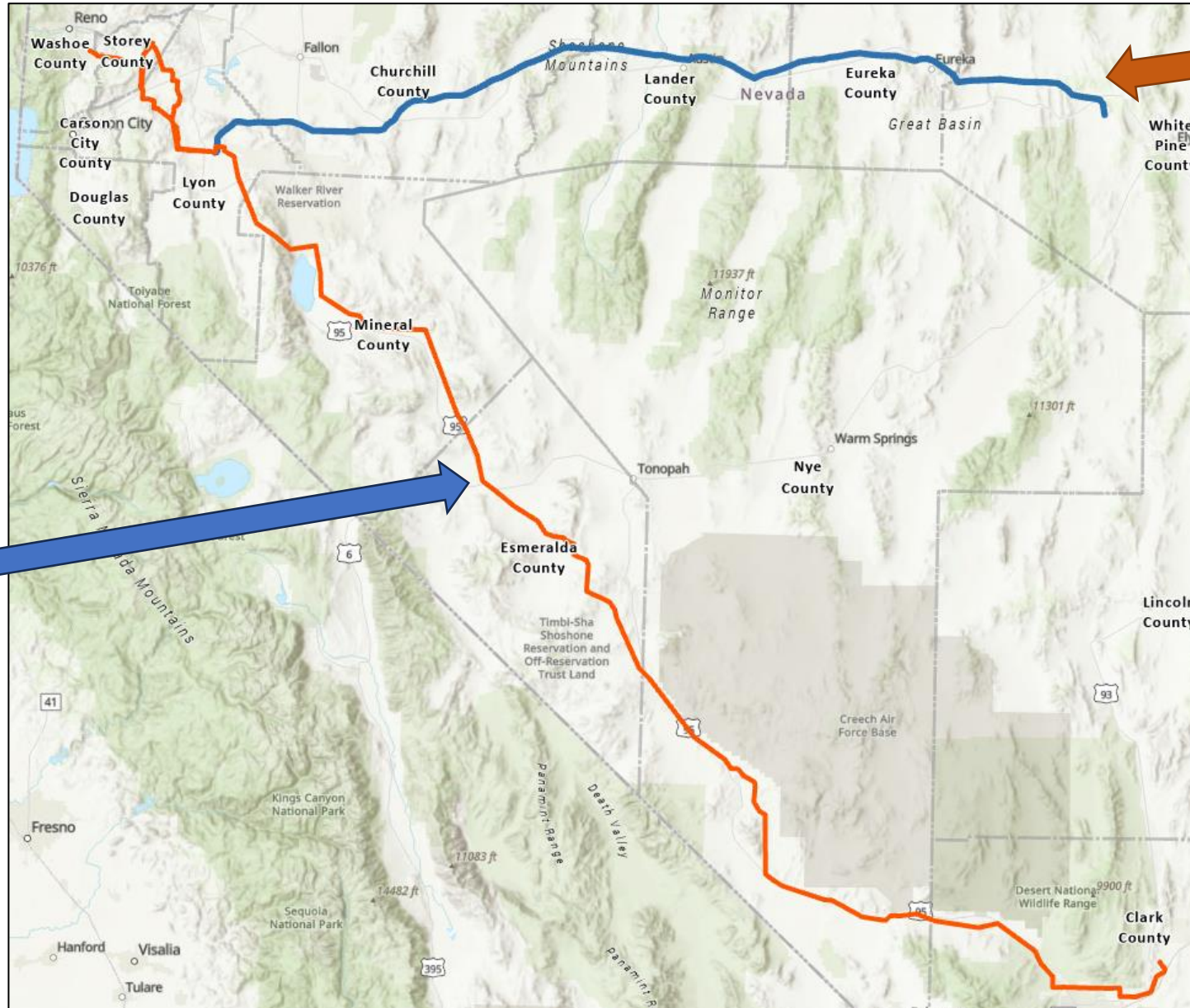


Greenlink Projects

Greenlink West Transmission Project

472-mile transmission line.

Approved in September
2024, construction is
expected to be completed
in 2028.



Greenlink North
Transmission
Project



NV Energy's stated purpose is energy transmission **redundancy**, **resiliency** and **reliability**.

What does **redundancy** mean?

Having multiple channels or backup systems in place to ensure continuous operation even if one component fails. Where the loss of a single path or component does not disrupt the overall functionality of the system.

What does **reliability** mean?

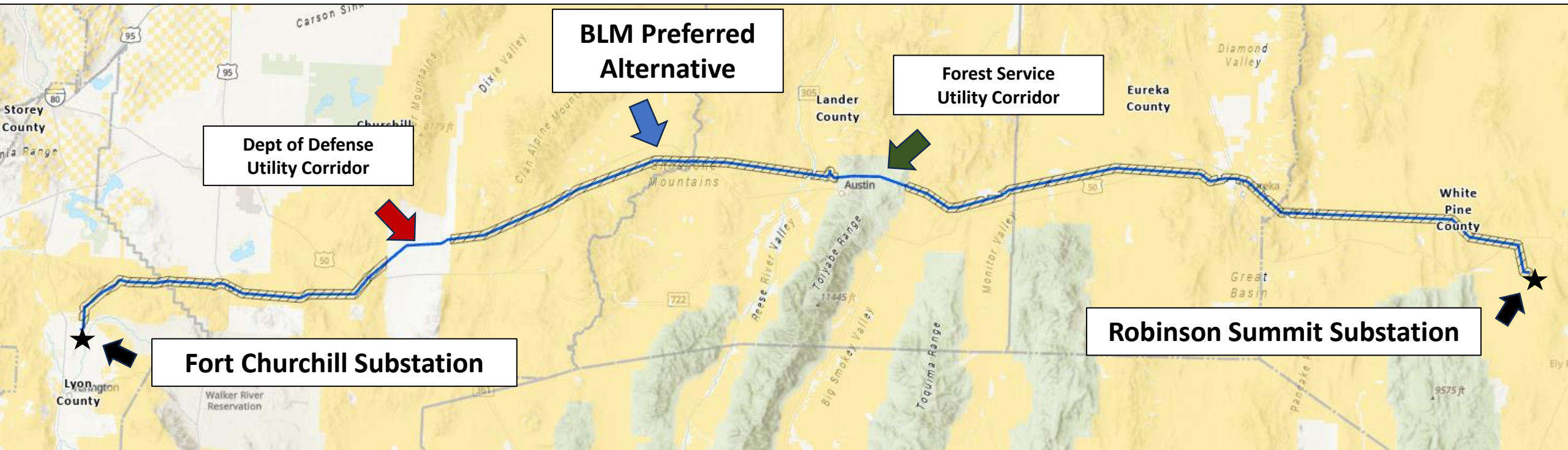
The ability of a power system to withstand instability, uncontrolled events, cascading failures, or unanticipated loss of system components.

What does **resiliency** mean?

The optimizing and future proofing capital investment strategy, with technology that harnesses "what if" scenario planning, and predictive analytics to facilitate strategic decision making (e.g., utilizing steel poles for fire protection and/or public safety outage management programs during extreme fire danger).



Designate a new 198-mile long by up to 3,500-foot wide utility corridor between Ely and Yerington, Nevada (approximately 82,600 acres of Bureau of Land Management-administered lands) and will link to existing U.S. Forest Service and Department of Defense corridors.





Evaluation of Plan Amendments

The Draft Environmental Impact Statement evaluated amending three existing Bureau of Land Management resource management plans in order to establish the utility corridor:

- 2001 Consolidated Resource Management Plan in Carson City District.
- 1986 Shoshone-Eureka Resource Management Plan/Record of Decision in Battle Mountain District.
- 2008 Ely District Record of Decision/Resource Management Plan



Greater Sage-Grouse

Based on the greater sage-grouse lek surveys conducted in 2024 within a 4-mile radius of the Preferred Alternative there are 58 known leks. Of those, 25 were categorized as active/pending active leks and would occur in the following buffers:

- Three leks are within 0.25 mile (noise buffer).
- Nine leks are within 2 miles (transmission line buffer).
- Nineteen leks are within 3.1 miles (road buffer).



Greater Sage-Grouse Mitigation

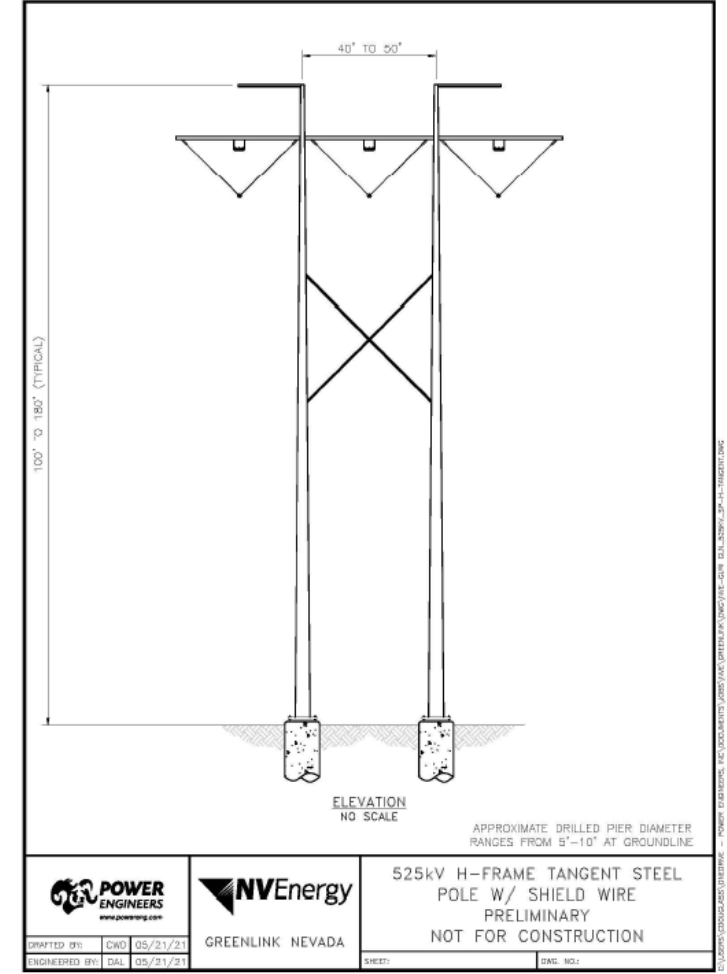
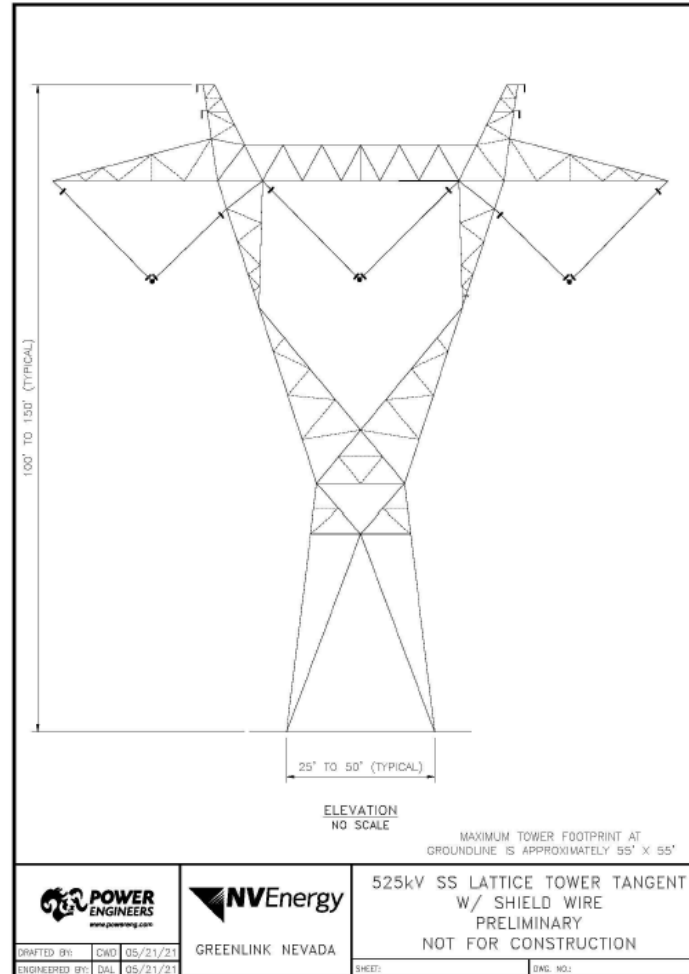
Approximately 198 miles of the 235 mile alignment would be co-located with an existing 230 kV transmission line. There is also an existing 345 kV transmission line between Eureka and the Robinson Summit Substation for 52 miles. Both are operated by NV Energy.

The Bureau of Land Management will require that NV Energy install anti-perching/nesting deterrents on all new transmission poles. NV Energy has stated they cannot retroactively install anti-perching/nesting deterrents on the existing 1970's era 230 kV transmission line, whereas the anti-perching/nesting deterrents are in installed on the 345 kV transmission line.

NV Energy has stated they cannot de-energize transmission lines for the purposes of removing raven nests.

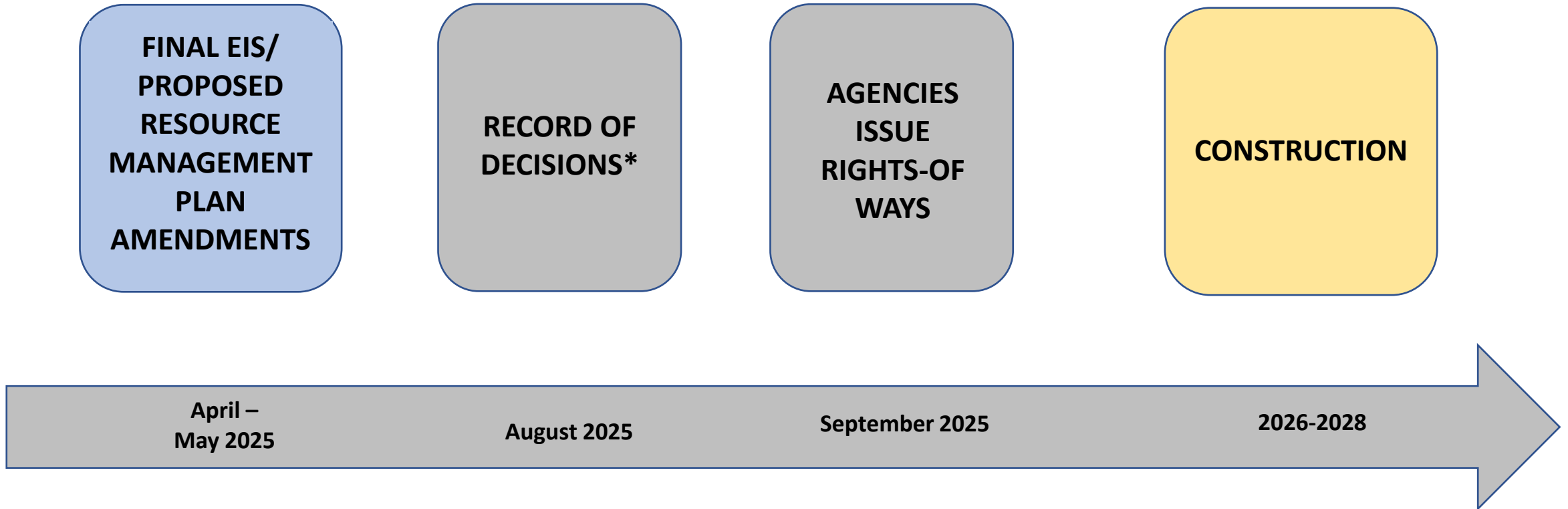
Greater Sage-Grouse Mitigation - Change in Pole Type

The requirement of anti-perching/nesting deterrents will cause NV Energy to change the structure-type from lattice to H-frame, increases the number of structures (from 4 structures per mile to 5 structures per mile due to the shorter span distance), ground disturbance and project costs.





Major Project Milestones



*There will be two Records of Decision, one for the Bureau of Land Management (BLM), and a second for the U.S. Forest Service (FS).



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Questions?