

Prospect State Airport

Runway Reconstruction and Electrical
Improvements Project



Prospect State Airport

An aerial photograph of Prospect State Airport, showing a long, narrow runway and taxiway cutting through a dense green forest. The runway is light-colored, possibly gravel or concrete, and runs diagonally from the top right towards the bottom left. The surrounding area is covered in thick, dark green trees. In the top left corner, there is a lighter, hazy area that might be a beach or a different type of terrain.

- Constructed in 1963
- Used for recreation, commerce, and wildfire operations
- Connects local community to the National Air Transportation System
- Prospect State Airport does not receive any Federal funds
- **Runway pavement at end of life after being maintained for nearly 60 years**

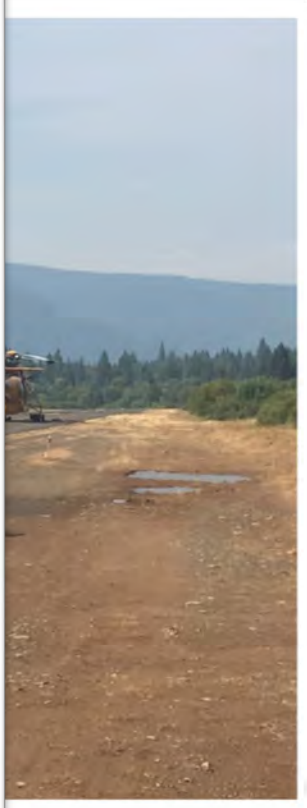
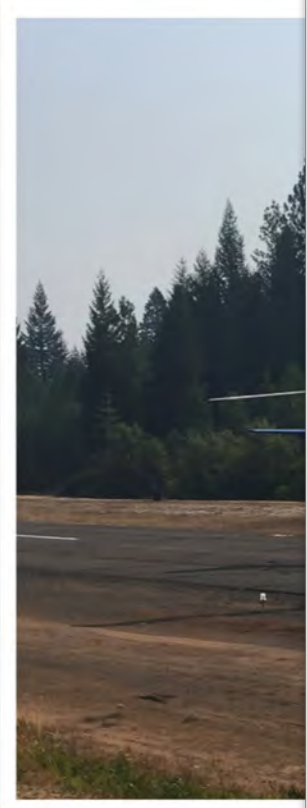
Prospect State Airport

- Wildfire Stage and Operations
 - Heavily used for wildfire staging and response
- Airport serves as a vital alternate landing site for inflight emergencies where landing options are limited due to the area's mountainous terrain



Prospect State Airport





Runway Closure

- Runway 2-20 closed for 49 days due to significant pavement hazards:
 - Cracks that could cause loss of directional control for aircraft
 - Numerous sinkholes from failed subbase and previous patches









Current Conditions

- Runway partially reopened
 - Closed to aircraft over 4,000 pounds
 - Runway 2 threshold displaced 225 feet, landing and takeoff distances now 3,775 feet



Current Conditions

- Non-functioning airfield lighting system



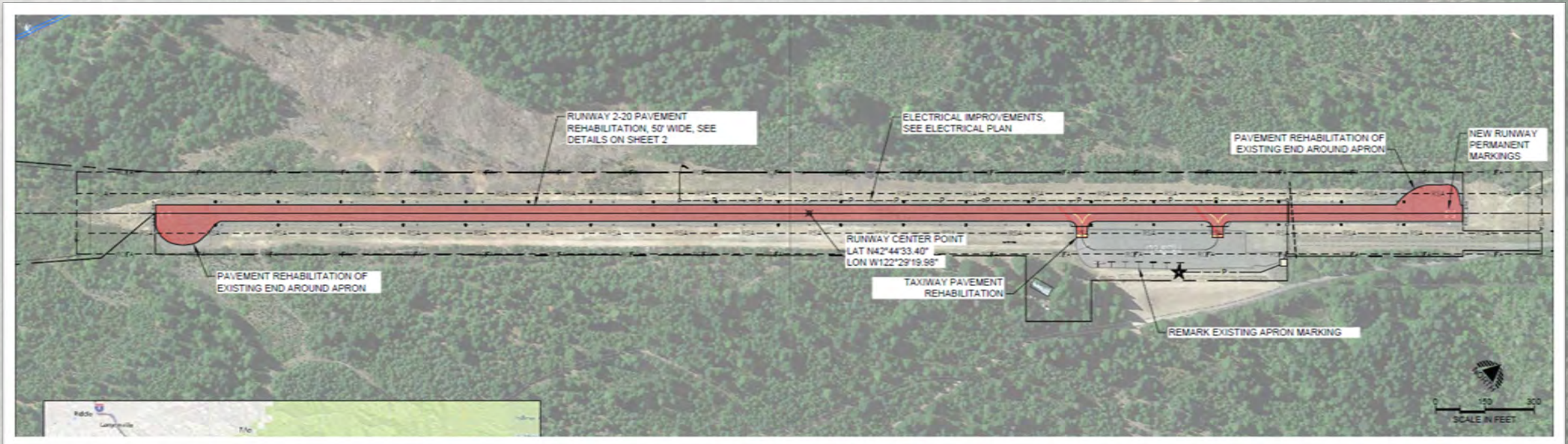
Current Conditions

- Non-functioning airfield lighting system



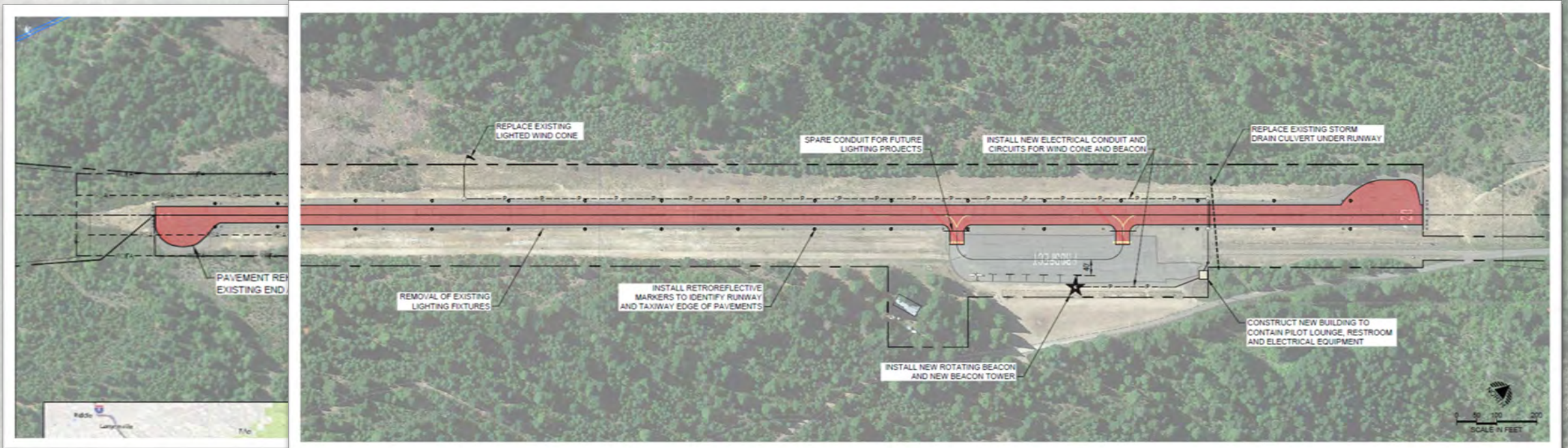
Project Scope

- Reconstruct runway to full length (4,000 feet)
- Reconstruct connecting taxiways
- Runway Safety Area grading
- Replace storm drain culvert
- Useful life will exceed 20 years (40 years expected)



Project Scope

- Replacement of rotating beacon
- Install new electrical conduit and cable for wind sock
- Install runway reflectors
- Construct new electrical building with restroom and pilot lounge
- Useful life will exceed 20 years



Cost Estimate

- Grant Request:
\$1,693,200.00
- Applicant Match:
\$796,800.00
 - 32%
- Total Estimate:
\$2,490,000.00
 - With \$193,300.00 Contingency

Bid Item	Unit	Quantity	Unit Price	Total Price
Mobilization	LS	1	\$ 199,000.00	\$ 199,000.00
Construction Survey and Staking	LS	1	\$ 42,000.00	\$ 42,000.00
Temporary Erosion and Sediment Control	LS	1	\$ 25,000.00	\$ 25,000.00
Demolition	LS	1	\$ 20,000.00	\$ 20,000.00
General Excavation Incl. Haul	CY	6600	\$ 14.00	\$ 92,400.00
Unsuitable Excavation Incl. Haul	CY	3500	\$ 20.00	\$ 70,000.00
Backfill for Unsuitable Excavation	CY	3500	\$ 35.00	\$ 122,500.00
12" Asphalt Milling, In Place	SY	26300	\$ 3.00	\$ 78,900.00
Subgrade Geotextile	SY	26300	\$ 2.00	\$ 52,600.00
Shoulder Aggregate	CY	2400	\$ 40.00	\$ 96,000.00
Aggregate Base	CY	6100	\$ 50.00	\$ 305,000.00
HMA 1/2" class 2	TON	4700	\$ 95.00	\$ 446,500.00
Pavement Marking	SF	5400	\$ 2.00	\$ 10,800.00
Miscellaneous Stormwater Improvements	LS	1	\$ 24,000.00	\$ 24,000.00
Airport Beacon Tower and Foundation	LS	1	\$ 40,000.00	\$ 40,000.00
Airport Rotating Beacon, In Place	LS	1	\$ 12,000.00	\$ 12,000.00
Lighted Windcone and Foundation, In Place	LS	1	\$ 15,000.00	\$ 15,000.00
20ft x 20ft, 3-room, Pre-Cast Structure and Site Improvements	LS	1	\$ 125,000.00	\$ 125,000.00
Electrical Building Improvements	LS	1	\$ 20,000.00	\$ 20,000.00
Retroreflective Markers	EA	60	\$ 250.00	\$ 15,000.00
2-inch PVC Conduit & Wire	LF	3200	\$ 25.00	\$ 80,000.00
Junction Can	EA	5	\$ 1,000.00	\$ 5,000.00
TOTAL CONSTRUCTION ESTIMATE				\$ 1,896,700.00
Aprx. 10% Contingency:				\$ 193,300.00
Subtotal:				\$ 2,090,000.00
Env/Permits:				\$ 15,000.00
Engineering:				\$ 195,000.00
SDC:				\$ 190,000.00
Total Estimate:				\$ 2,490,000.00

Project Timeline



- 16 month total project time
- Once awarded the grant:
 - Planning and scoping – begin Sept. 2022
 - Environmental Coordination and Permitting – begin Sept. 2022
 - Project Design – begin May 2022
 - Advertise for Bids – by February 2023
 - Construction Award – by April 2023
 - Project Construction – April through June 2023
 - Project Closeout – July through December 2023.

Project Support

- Representative Vikki Breese Iverson
- John Rachor, former Jackson County Commissioner and Search and Rescue Pilot
- Brim Aviation, helicopter operator specializing in firefighting, emergency relief, power line construction and maintenance, and more.



A photograph of a paved road with a large white text box in the center containing the word 'Questions?'. The road is dark asphalt with a concrete curb on the right side. The background features a dense forest of evergreen trees and a mountain range under a clear blue sky. The text box is white with a blue border and contains the word 'Questions?' in a blue, sans-serif font.

Questions?