



Alaska Department of Transportation & Public Facilities

Selawik Airport Improvements

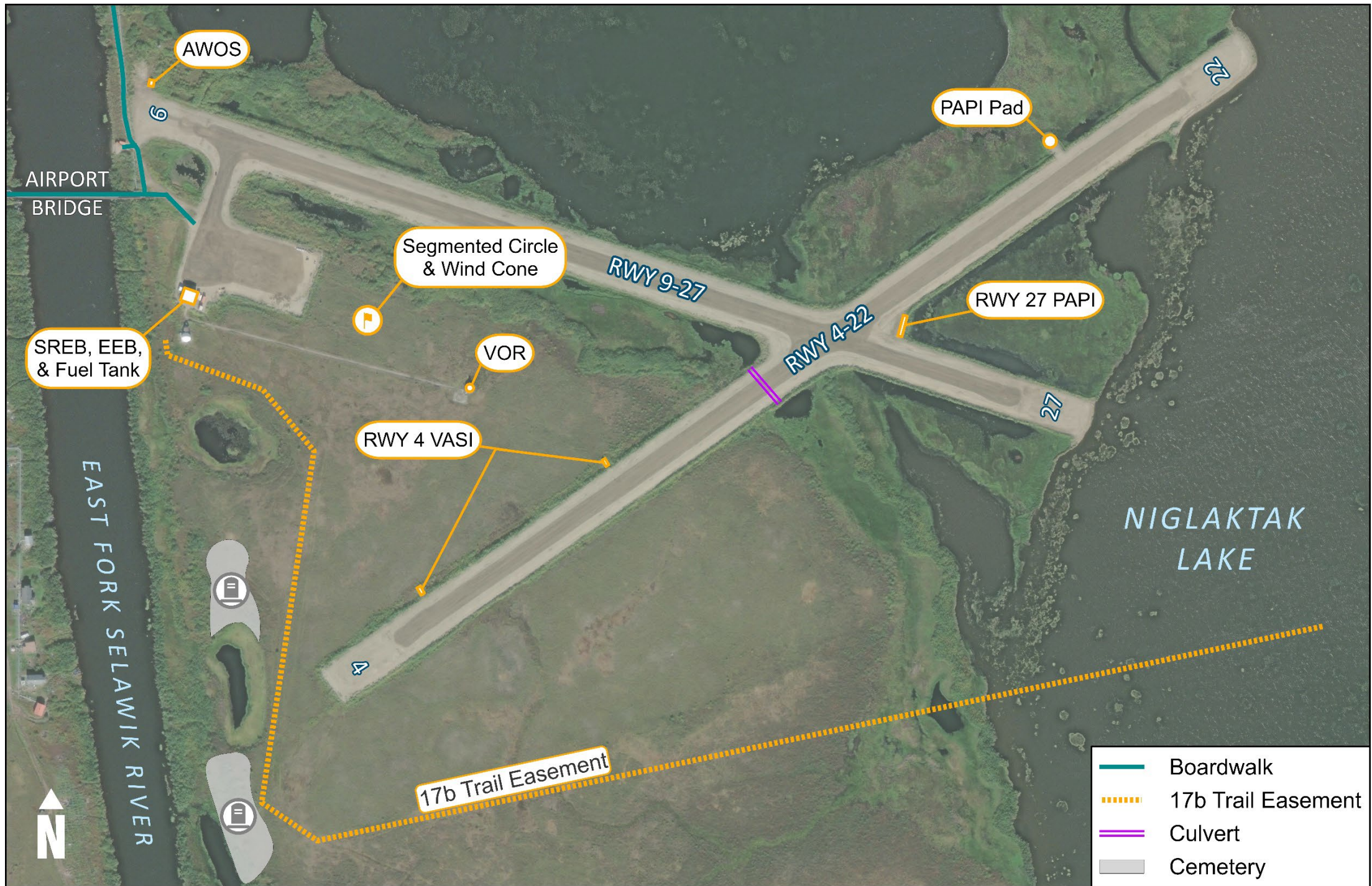
DOT&PF Project IRIS No. NFAPT00766

WELCOME - PUBLIC OPEN HOUSE NO. 1

October 28, 2024 – Kotzebue
October 29, 2024 – Selawik

Our mission is to *Keep Alaska Moving* through service and infrastructure.

Selawik Airport – Existing Features



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Selawik Airport – Wind Coverage

Wind Coverage, Annual Overall

Rwy	A/B-I Allowable 10.5 knot Crosswind Component			A/B-II Allowable 13 knot Crosswind Component		
	VFR	IFR	All Weather	VFR	IFR	All Weather
Both	99.22%	98.73%	99.14%	99.71%	99.56%	99.68%
4-22	96.74%	92.25%	96.00%	98.55%	95.46%	98.03%
9-27	90.13%	84.39%	89.18%	95.92%	92.27%	95.31%

Monthly Wind Coverage, All-Weather Conditions

Month	Both Runways		Runway 4-22		Runway 9-27	
	A/B-I	A/B-II	A/B-I	A/B-II	A/B-I	A/B-II
January	99.04%	99.59%	95.92%	97.66%	85.39%	93.63%
February	98.37%	99.28%	94.01%	96.49%	83.83%	92.42%
March	98.93%	99.62%	95.54%	97.69%	88.01%	94.68%
April	99.49%	99.89%	97.26%	98.74%	91.64%	96.59%
May	99.43%	99.80%	98.02%	99.20%	94.93%	98.16%
June	99.42%	99.85%	97.83%	99.16%	95.11%	97.98%
July	99.37%	99.81%	96.74%	98.75%	95.76%	98.21%
August	99.19%	99.79%	96.14%	98.51%	94.43%	97.45%
September	99.08%	99.72%	95.91%	98.26%	92.05%	96.50%
October	99.17%	99.86%	96.32%	98.41%	88.67%	95.38%
November	98.92%	99.62%	95.41%	97.59%	86.59%	94.07%
December	98.81%	99.59%	95.21%	97.42%	82.95%	92.32%
All Months	99.11%	99.70%	96.21%	98.17%	90.03%	95.66%

Piper PA-31 Navajo (B-I)



CASA C-212 (A-II)



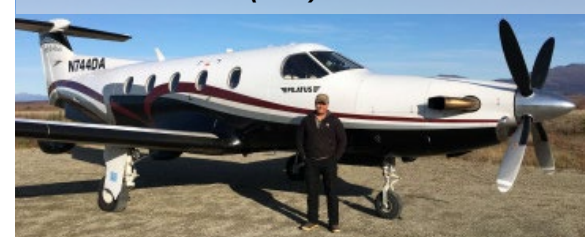
Cessna 408 SkyCourier (B-II)



Cessna C208B Grand Caravan (A-II)



Pilatus PC-12 (A-II)



Lockheed L100-30 Hercules (C-IV)



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Selawik Airport – Existing Facilities & Condition

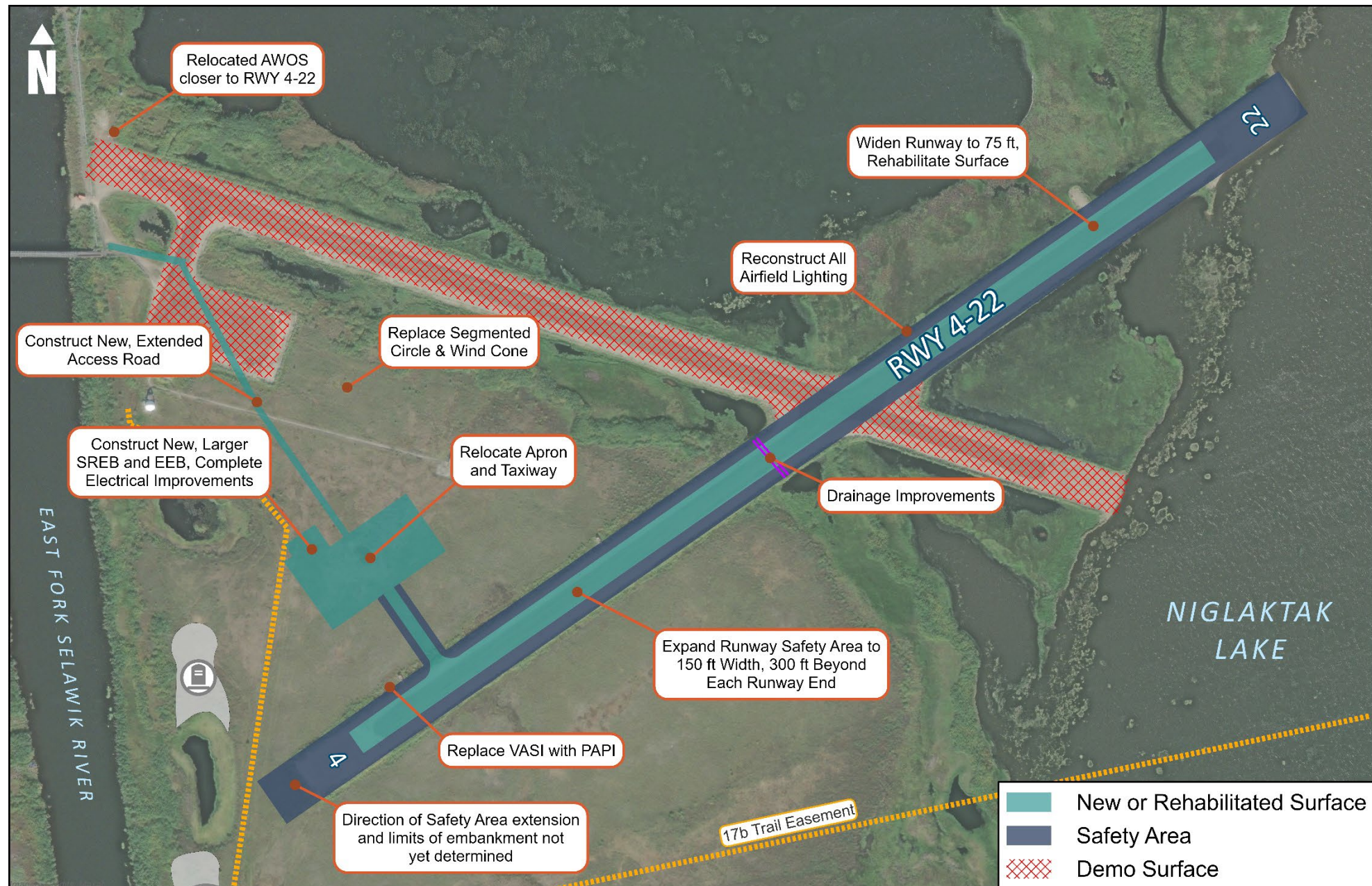


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Selawik Airport – Layout Concept 1

Key features: Construct new apron, taxiway, access road, and aviation support area on drier terrain near Runway 4 end.

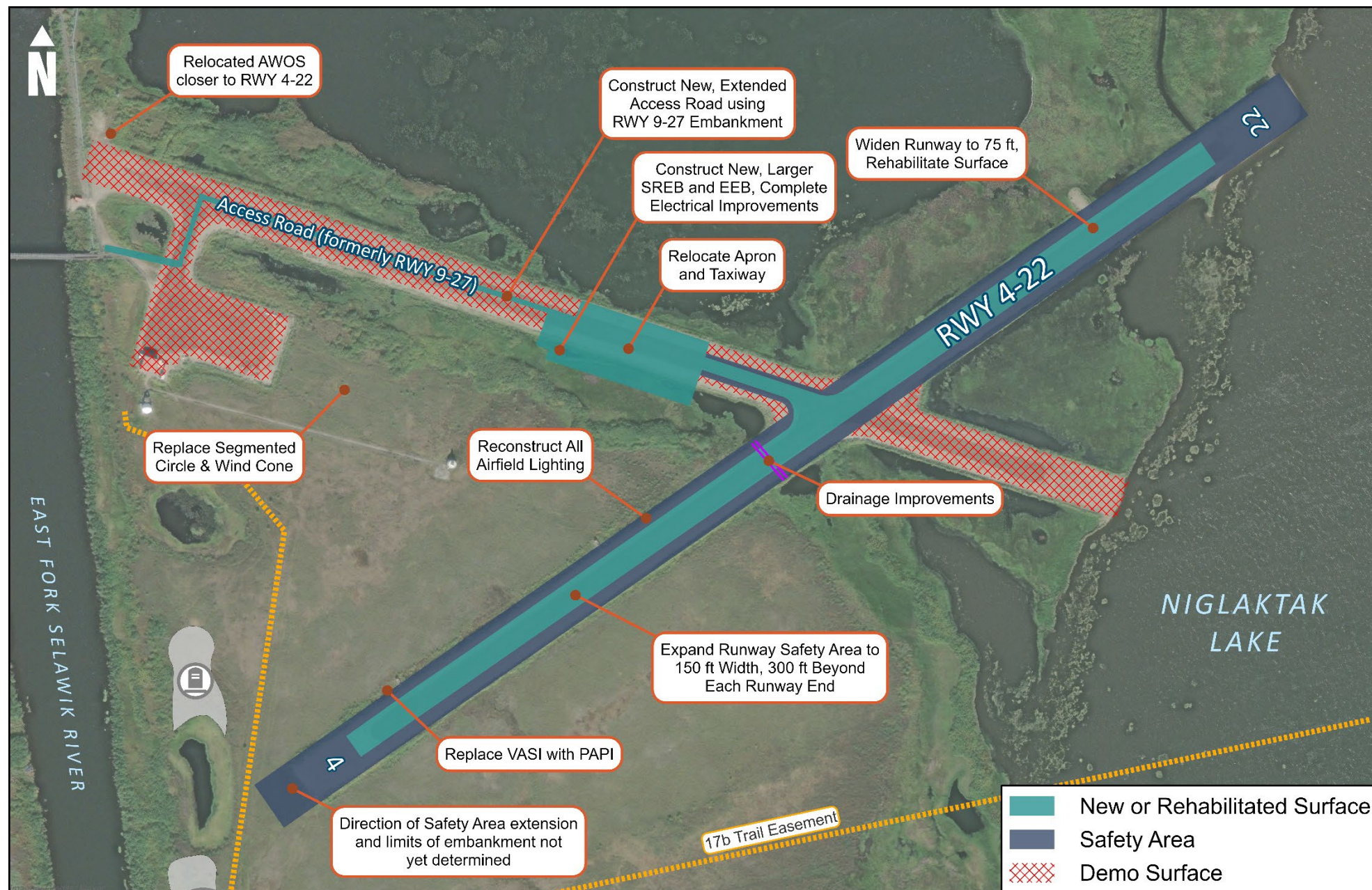


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Selawik Airport – Layout Concept 2

Key features: Construct new apron, taxiway, access road, and aviation support area using Runway 9-27 embankment material.

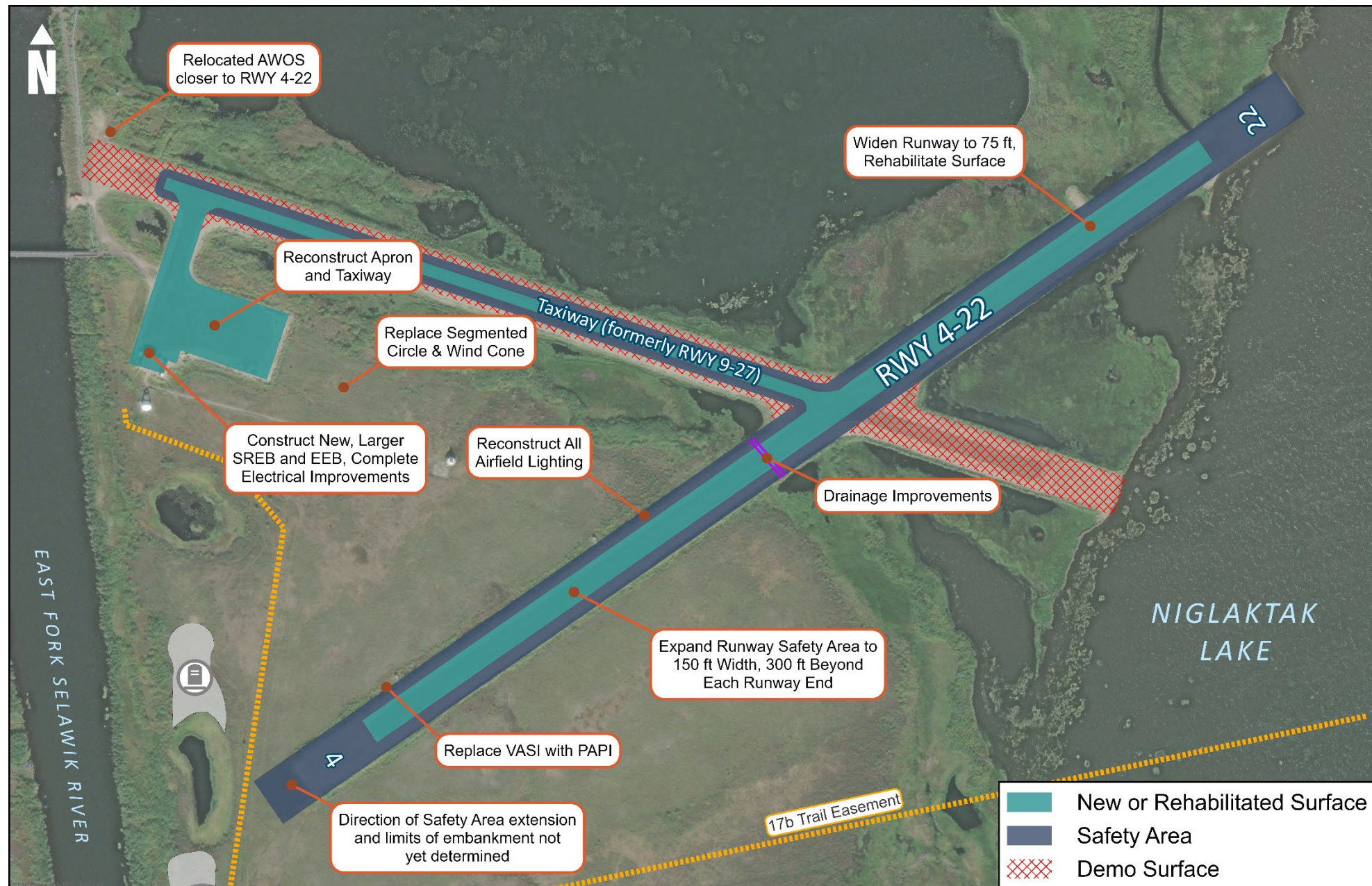


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Selawik Airport – Layout Concept 3

Key features: Reconstruct apron, taxiway, access road, and aviation support area at existing locations. Construct a new taxiway using Runway 9-27 embankment.

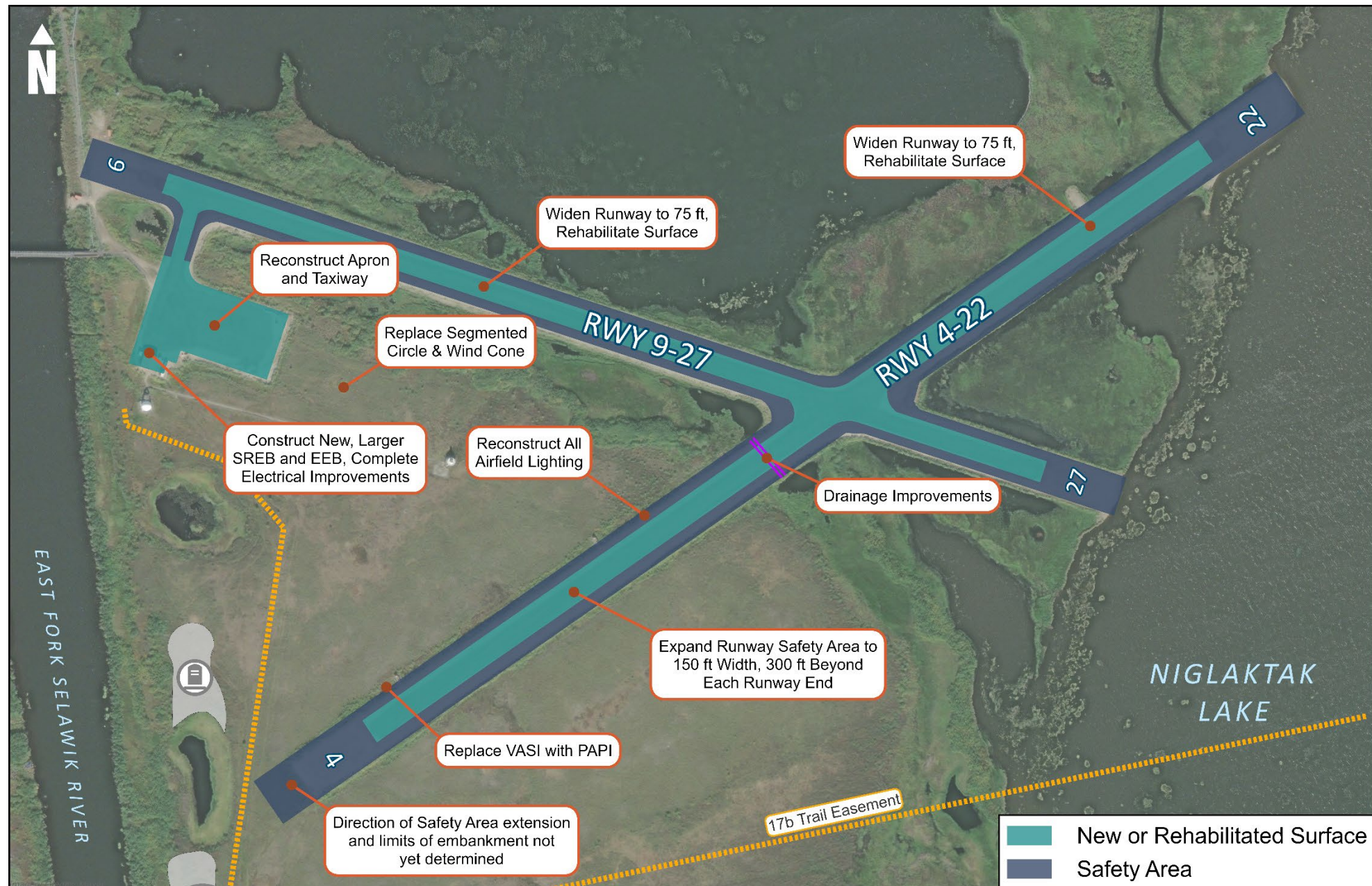


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Selawik Airport – Layout Concept 4

Key features: Reconstruct/rehabilitate all surfaces in existing locations. Widen both runways, expand both safety areas.



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What's next? We want your feedback!

NEXT STEPS:

- Develop Alternatives
- Evaluate Alternatives
- Additional Public Involvement
- Aeronautical Survey
- Update the Airport Layout Plan
- Design Airport Improvements
- Field Studies
- Environmental Analysis

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WEBSITE:

↖ <https://dot.alaska.gov/nreg/selawikairport/>

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