

FIGURE 1: Location & Vicinity

POA-####-#####, Yukon River  
 APPLICANT: State of Alaska, DOT&PF  
 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

 Airport Boundary



0 0.5 1 Miles

3/20/2025 7:37 AM  
PLANS DEVELOPED BY: DOWL, LLC, CERT. OF AUTHORIZATION NO.: AECL848, 3535 COLLEGE ROAD, SUITE 100, FAIRBANKS, AK 99709, (907) 374-0275  
J:\23\50253-02\65CAD\Aviation\Exhibits\SXP\_Environmental Exhibit-APE EXHIBIT (NEW)



- LEGEND:
- SHOT ROCK
  - BORROW FOR NEW EMBANKMENT
  - NEW EMBANKMENT
  - NEW APE LIMITS

Figure 2

DESIGN NV  
DRAWN NV  
CHECKED WH

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
NORTHERN REGION-DESIGN AND CONSTRUCTION-AVIATION

BY	DATE	REVISIONS

NUNAM IQUA AIRPORT  
AIRPORT IMPROVEMENTS  
AIP 3-02-0046-\_\_\_\_\_  
NFAPT00368/Z625970000  
ENVIRONMENTAL - APE

SHEET  
2 OF 2



FIGURE 3

POA-####-#####, Yukon River  
 APPLICANT: State of Alaska, DOT&PF  
 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 3/24/2025

--- Airport Boundary

Mapped Wetland

Open Water

Upland

Wetland



0 300 600 Feet

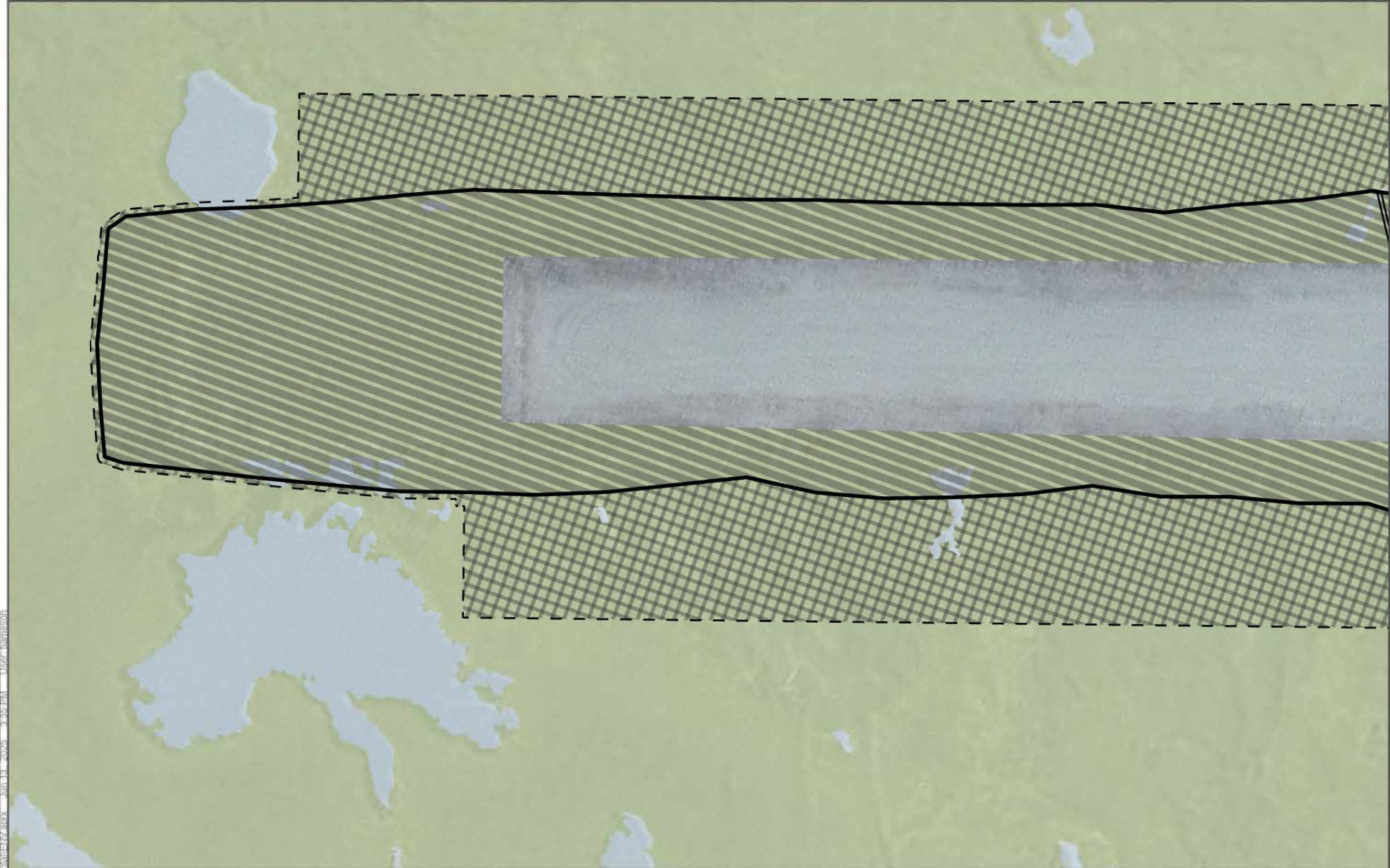
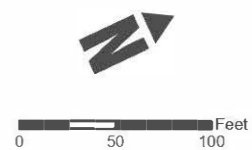


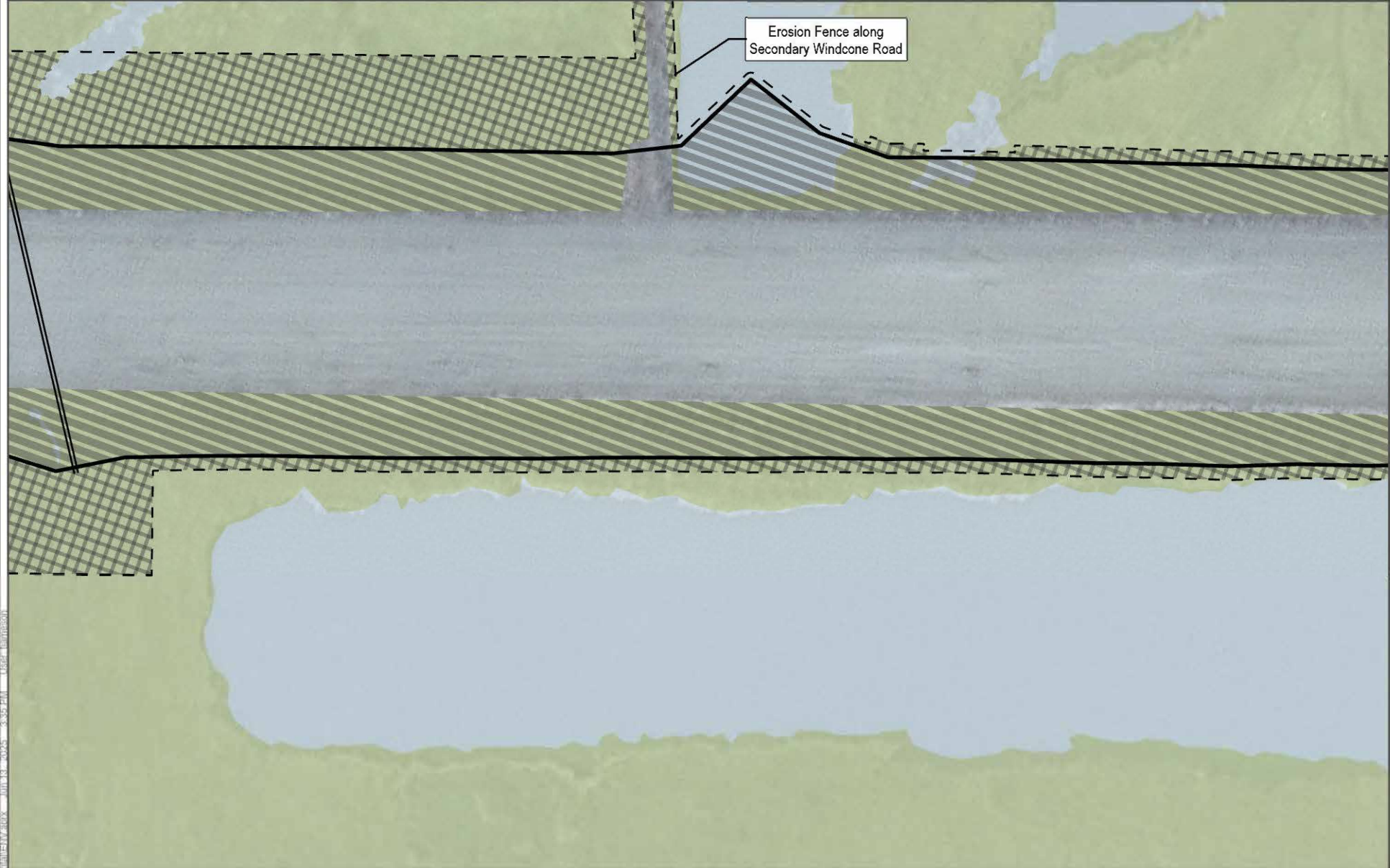
FIGURE 4 *Wetland Impact Map*

POA-####-#####, Yukon River  
 APPLICANT: State of Alaska, DOT&PF  
 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

- |                               |                          |
|-------------------------------|--------------------------|
| Airport Boundary              | Permanent Wetland Impact |
| Proposed Ice Road Extent      | Temporary Wetland Impact |
| Proposed Culvert              | Mapped Wetland           |
| Proposed Material Site Extent | Open Water               |
| Proposed Cut/Fill Limits      | Wetland                  |
| Temporary Impact Limits       |                          |





Erosion Fence along  
Secondary Windcone Road

FIGURE 5

POA-####-####, Yukon River  
 APPLICANT: State of Alaska, DOT&PF  
 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><span style="border: 1px dashed black; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Airport Boundary</li> <li><span style="border: 1px dashed black; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Proposed Ice Road Extent</li> <li><span style="border: 1px solid black; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Proposed Culvert</li> <li><span style="border: 1px dashed black; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Proposed Material Site Extent</li> <li><span style="border: 1px solid black; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Proposed Cut/Fill Limits</li> <li><span style="border: 1px dashed black; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Temporary Impact Limits</li> </ul> | <ul style="list-style-type: none"> <li><span style="background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Permanent Wetland Impact</li> <li><span style="background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Temporary Wetland Impact</li> <li>Mapped Wetland</li> <li><span style="background-color: lightblue; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Open Water</li> <li><span style="background-color: lightgreen; display: inline-block; width: 20px; height: 10px; margin-right: 5px;"></span> Wetland</li> </ul> |
|--|---|



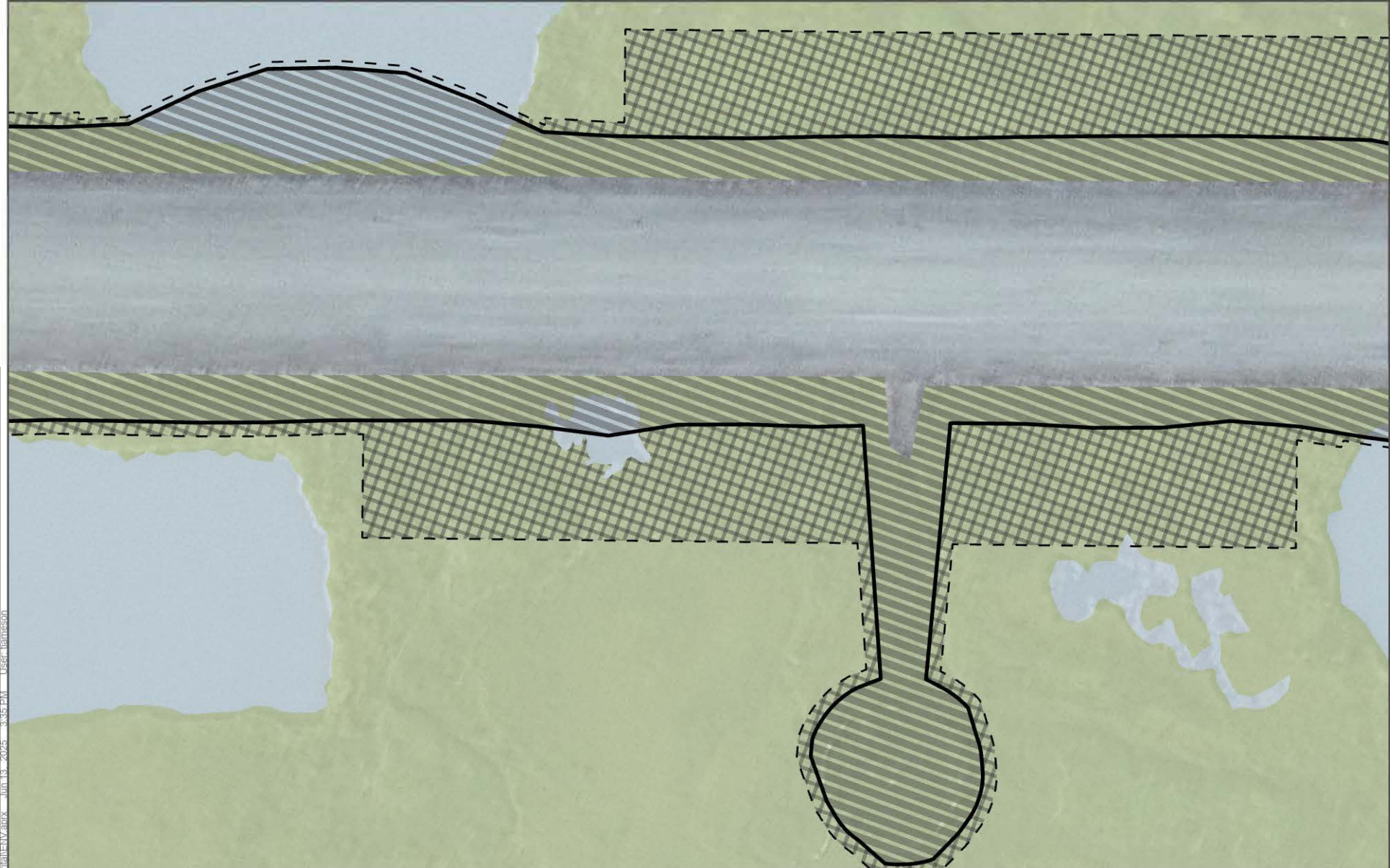


FIGURE 6

POA-####, Yukon River  
 APPLICANT: State of Alaska, DOT&PF  
 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

- Airport Boundary
- Proposed Ice Road Extent
- Proposed Culvert
- Proposed Material Site Extent
- Proposed Cut/Fill Limits
- Temporary Impact Limits
- Permanent Wetland Impact
- Temporary Wetland Impact
- Mapped Wetland
- Open Water
- Wetland



0 50 100 Feet

**NOTE:** Access Road to have up to five (5) equalizing culverts (location to be determined in the field)

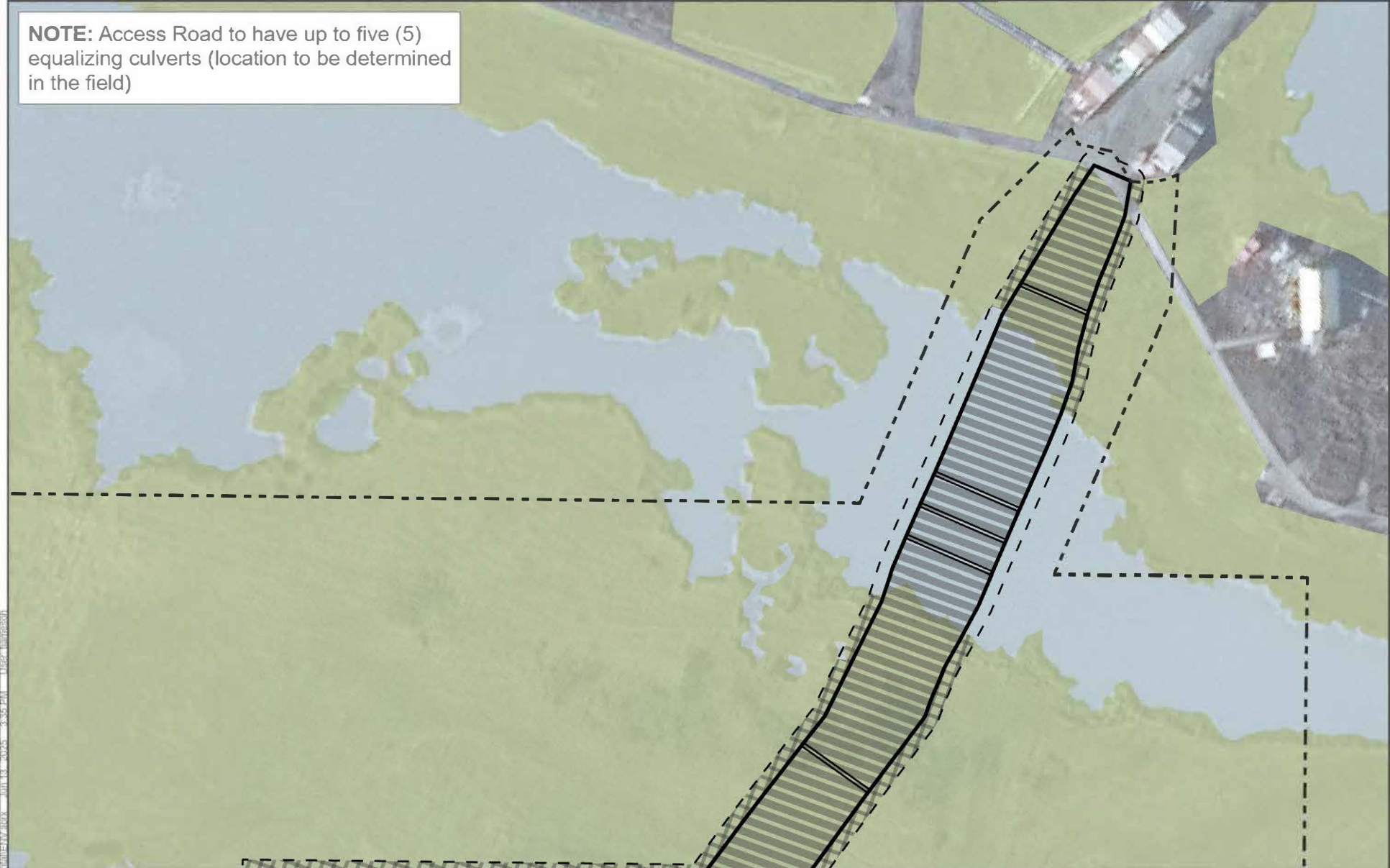


FIGURE 7

POA-####-#####, Yukon River

APPLICANT: State of Alaska, DOT&PF

PROPOSED ACTIVITY: Airport Improvements

MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

--- Airport Boundary

- - - Proposed Ice Road Extent

== Proposed Culvert

- - - Proposed Material Site Extent

□ Proposed Cut/Fill Limits

- - - Temporary Impact Limits

▨ Permanent Wetland Impact

▩ Temporary Wetland Impact

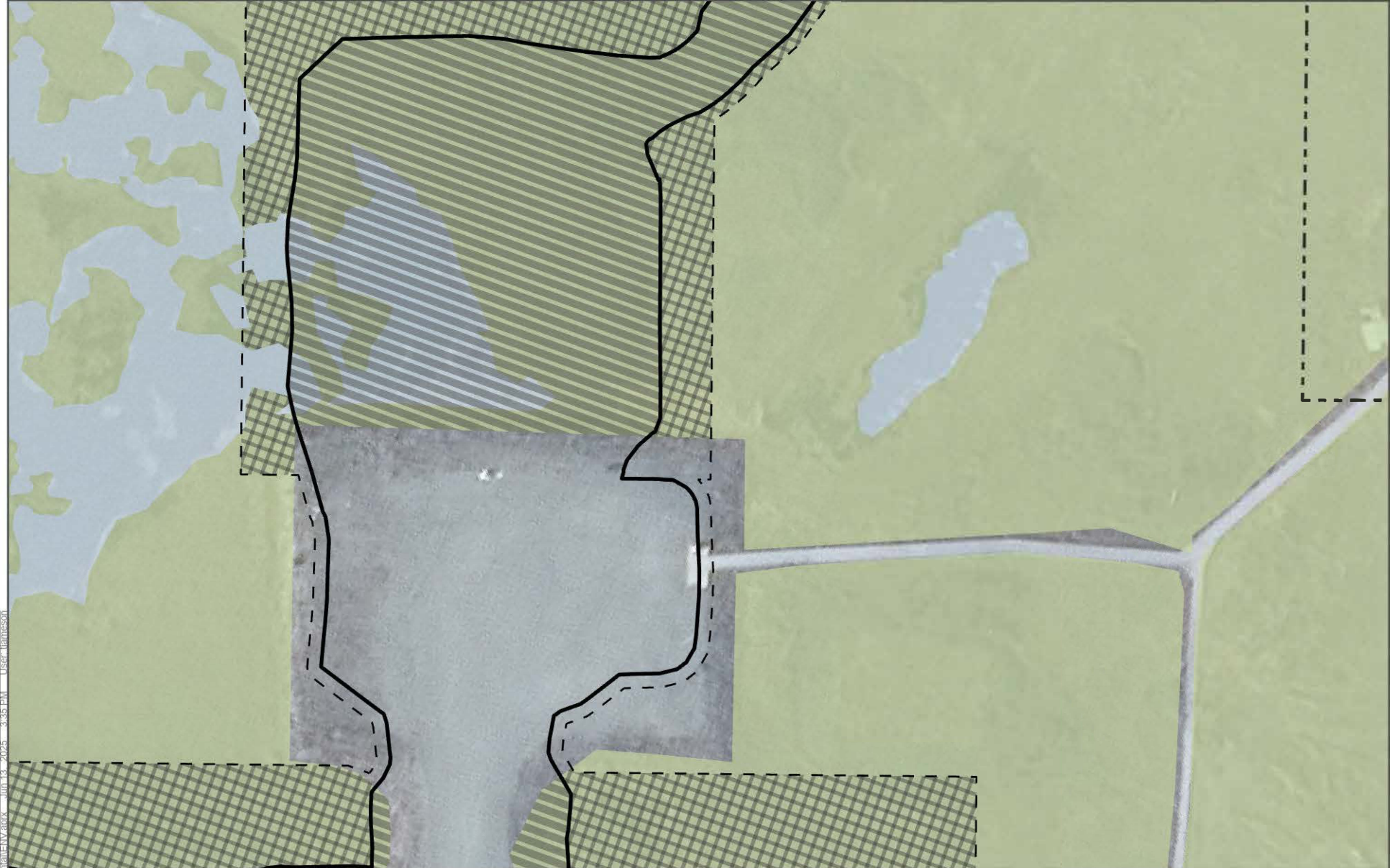
Mapped Wetland

□ Open Water

■ Wetland



0 50 100 Feet



**FIGURE 8**

POA-####-#####, Yukon River  
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 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

<p>--- Airport Boundary</p> <p>- - - Proposed Ice Road Extent</p> <p>=== Proposed Culvert</p> <p>- - - Proposed Material Site Extent</p> <p>▭ Proposed Cut/Fill Limits</p> <p>- - - Temporary Impact Limits</p>	<p>▨ Permanent Wetland Impact</p> <p>▩ Temporary Wetland Impact</p> <p>Mapped Wetland</p> <p>  ▭ Open Water</p> <p>  ▭ Wetland</p>
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 0 50 100 Feet

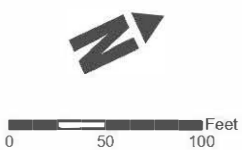


FIGURE 9

POA-####-####, Yukon River  
 APPLICANT: State of Alaska, DOT&PF  
 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

- Airport Boundary
- Proposed Ice Road Extent
- Proposed Culvert
- Proposed Material Site Extent
- Proposed Cut/Fill Limits
- Temporary Impact Limits
- Permanent Wetland Impact
- Temporary Wetland Impact
- Mapped Wetland
- Open Water
- Wetland



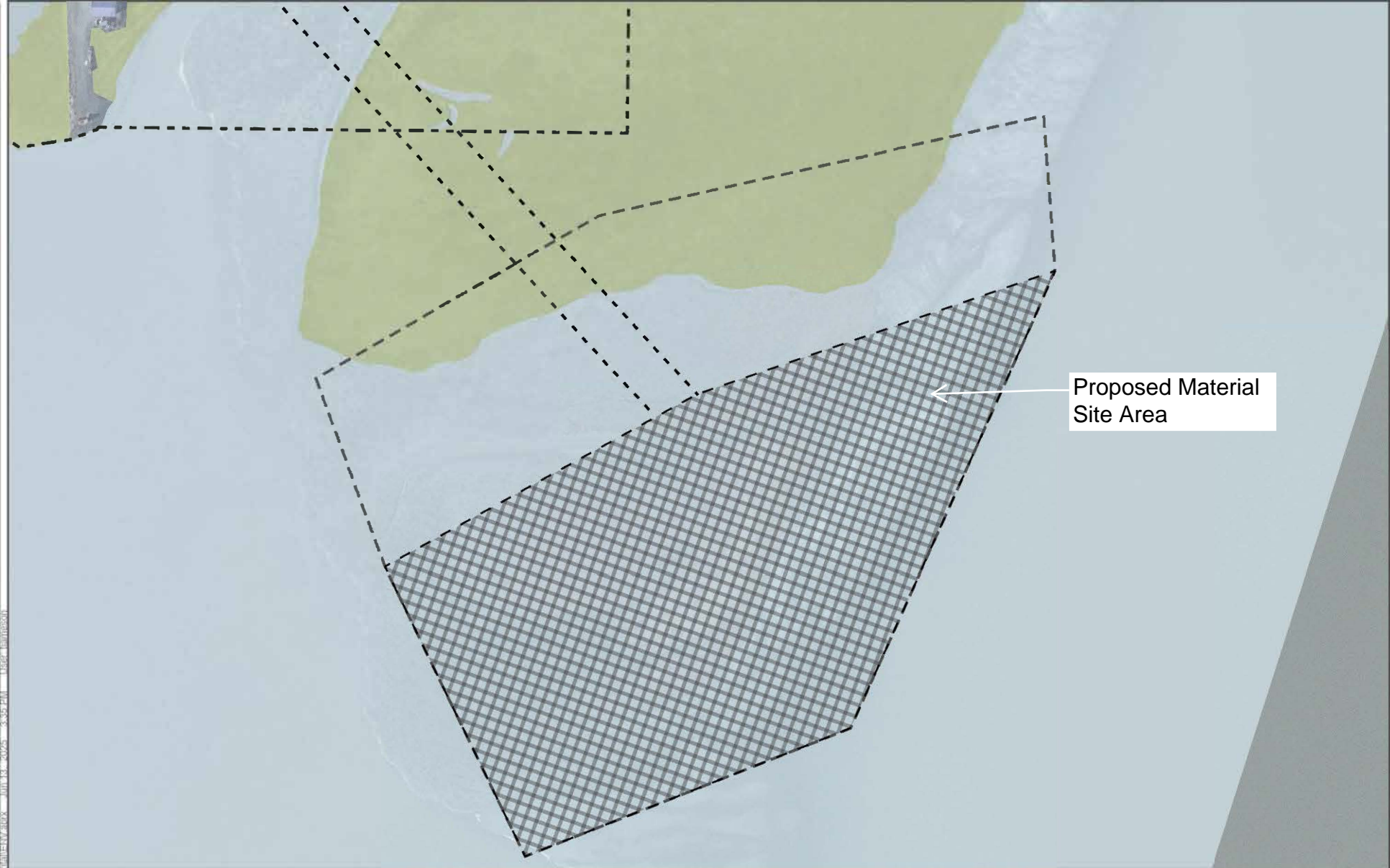


FIGURE 10 *SCHEMATIC*

POA-####-####, Yukon River  
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 PROPOSED ACTIVITY: Airport Improvements  
 MTRS: Section Seward Meridian T 28N, R 84W Section 10, 15-16

DATE: 6/13/2025

- |                               |                          |
|-------------------------------|--------------------------|
| Airport Boundary              | Temporary Wetland Impact |
| Proposed Ice Road Extent      | Mapped Wetland           |
| Proposed Culvert              | Open Water               |
| Proposed Material Site Extent | Wetland                  |
| Temporary Impact Limits       |                          |



0 150 300 Feet

**Figure 11: Comparison of Geotechnical Bore Hole Locations and Gravel Bar Migration**



Photo above (left) is from 2006



Photo above (right) is from 2024