

## ENGINEERING “NO-RISE” CERTIFICATION

This is to certify that I am a duly qualified engineer licensed to practice in the State of Alaska.

It is to further certify that the attached technical data supports the fact that the proposed Alaska Railroad (ARRC) Bridge 147.4 Project will not impact the 100-year flood elevations, floodway elevations, and floodway widths on the Knik River and Matanuska River at published sections in the Flood Insurance Study for the Matanuska-Susitna Borough, Alaska and Incorporated Areas dated September 27, 2019 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed project, as defined by FEMA guidance.

Attached are the following documents that support my findings.:

- ARRC Bridge 147.4 No-Rise Hydraulic Report
- Spatial Data
  - Model Build folder
  - Model Results folder
  - DFIRM folder
- Surface Water Model
  - SMS Project files
  - SRH-2D Model Input and Output files
  - Tabular Solution data

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