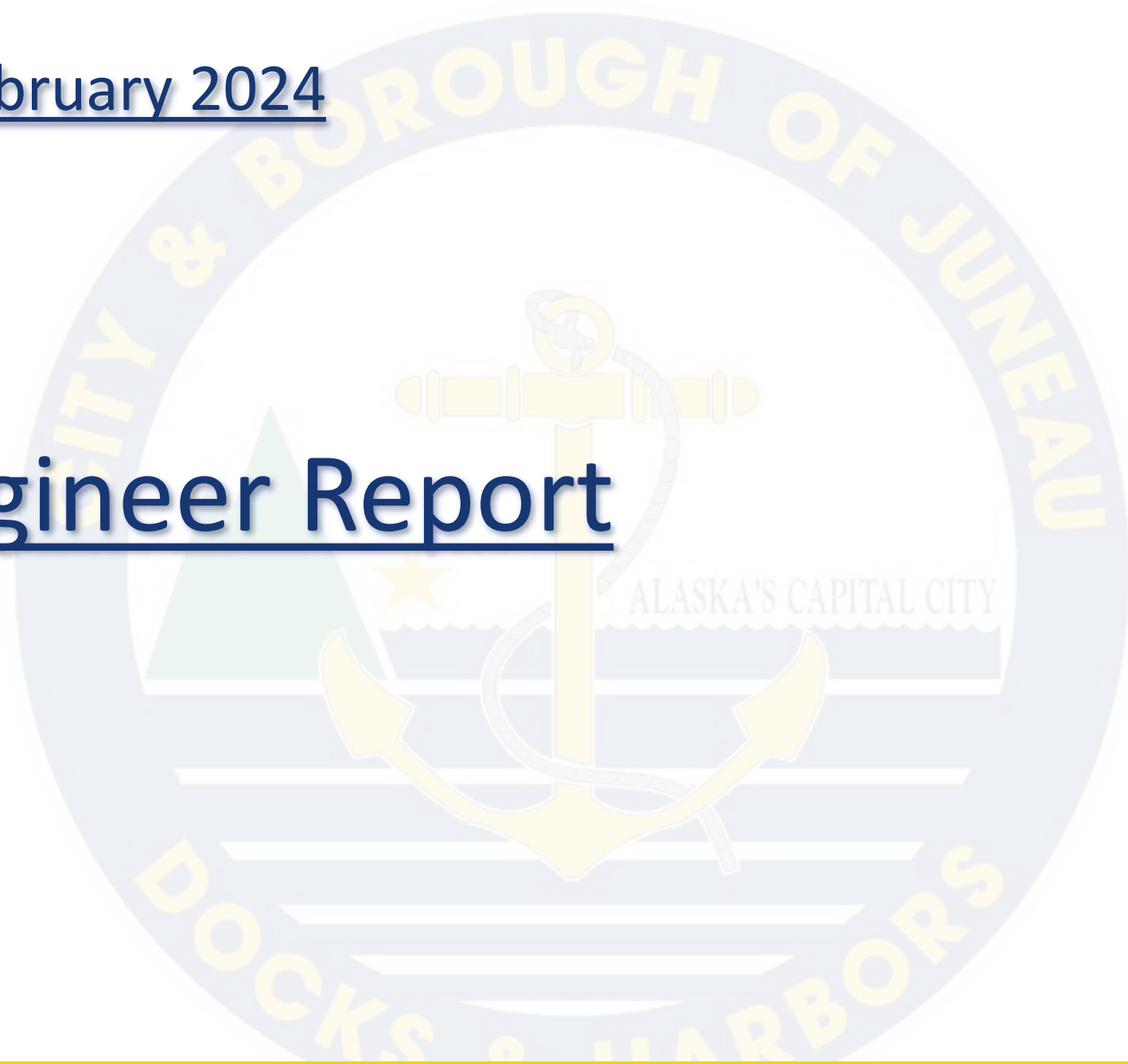




February 2024

# Port Engineer Report



City and Borough of Juneau - Docks & Harbors



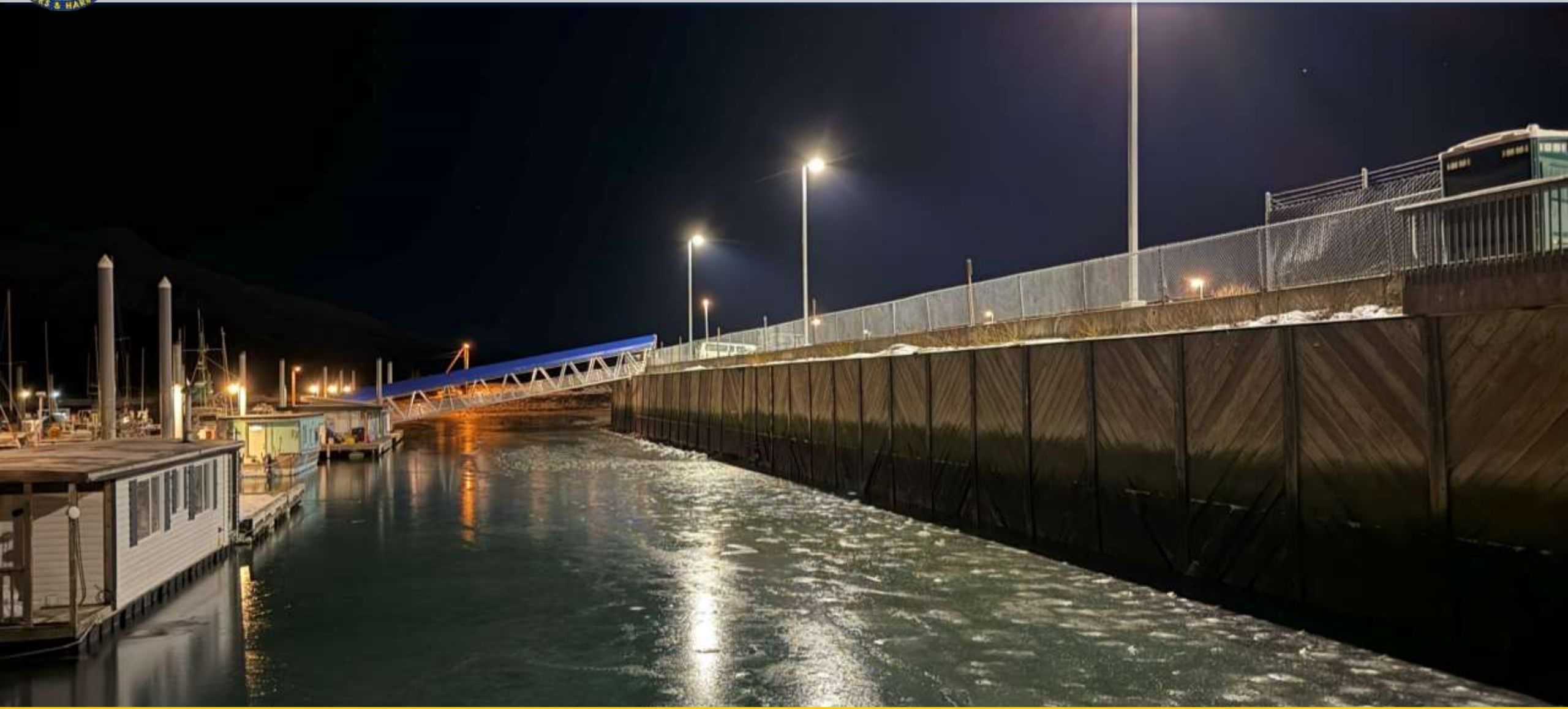
# Douglas Harbor Security Lighting



City and Borough of Juneau - Docks & Harbors



# Douglas Harbor Security Lighting



City and Borough of Juneau - Docks & Harbors



# Douglas Harbor Security Lighting



City and Borough of Juneau - Docks & Harbors



## Douglas Harbor Security Lighting

**Project Cost: Design: \$7.3k Concrete: \$13.3k Electrical: \$50k Permitting: \$1.1k TOTAL: \$71.7k**

**Completion Date: February 2024**

**Project Goal: To provide security lighting for the parking lots adjacent to the two gangways.**

**City and Borough of Juneau - Docks & Harbors**



# Aurora Harbor Rebuild – Phase III



City and Borough of Juneau - Docks & Harbors



## Aurora Harbor Rebuild – Phase III

Project Cost: \$4.25 Million

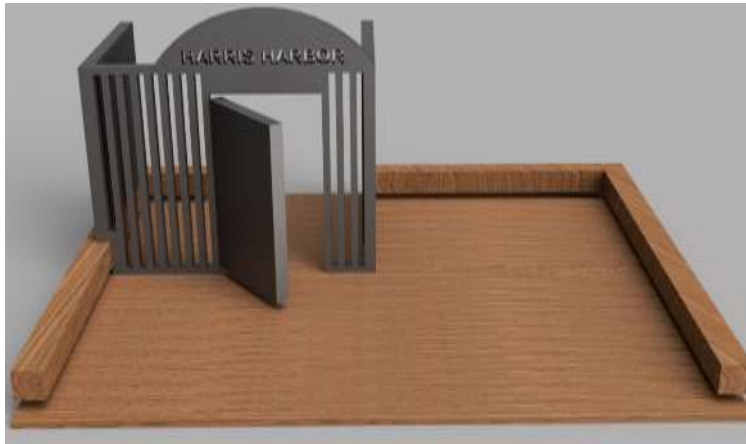
Project Completion Date: March 2025

All pile driving and float assembly completed by Trucano Construction. Alaska Electric and Harris Plumbing are on site completing the utility work.

City and Borough of Juneau - Docks & Harbors



# Harris Harbor Security Gate



### DESIGN CRITERIA

REFERENCE CODES:  
 ISO9001 INTERNATIONAL BUILDING CODE  
 ISO9002 ALUMINUM DESIGN MANUAL

### DETAIL NOTES

DTX 1 ALUM GATE  
 OVERLAY EXPANDED METAL MESH  
 CATCHPAD: HIS KFF40 PROVIDED BY CUSTOMER  
 DOOR HOLDER: ELECTROMAGNETIC DOOR HOLDER P/N: 103555 REV. 2, PROVIDED BY CUSTOMER  
 DOOR HANDLE: NO PIN AVAILABLE, PROVIDED BY CUSTOMER  
 REVIEWED BY: TS

### DESIGN NOTES

DESIGN OF GATE ASSUMES THAT ABUTMENTS, PILEATS AND LANDINGS (DESIGNED BY OTHERS) ARE ADEQUATE FOR THE SAFE AND STABLE SUPPORT OF THE ALUMINUM STRUCTURE.

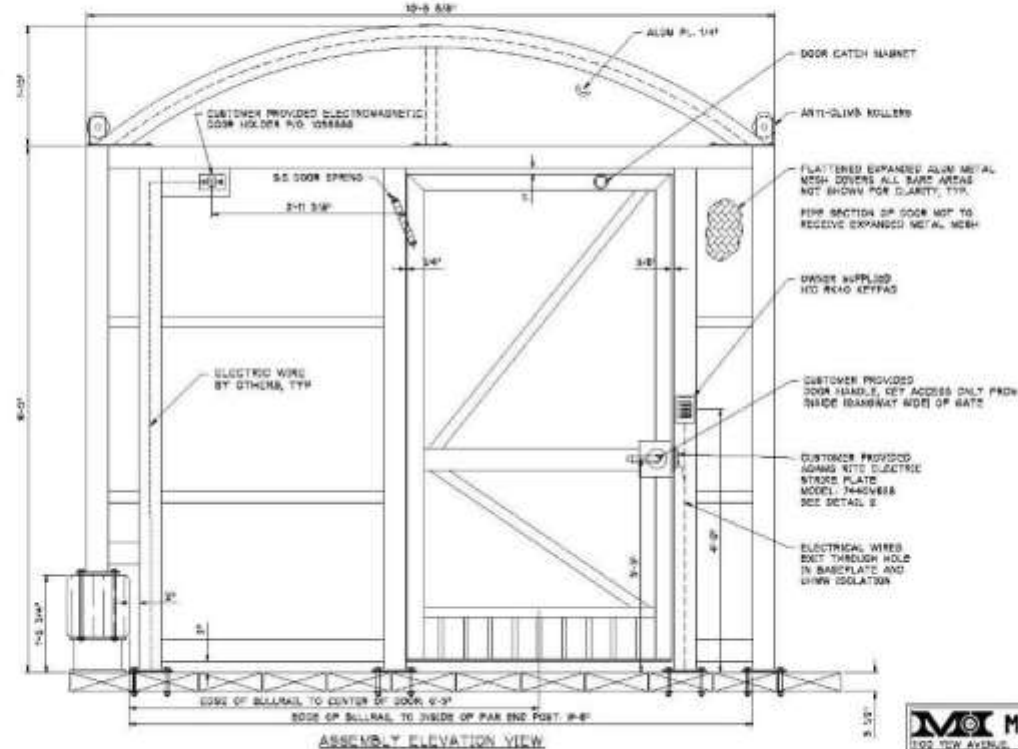
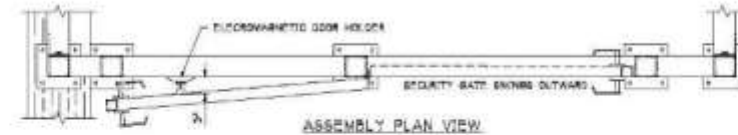
ALL WELDING SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST AWS D11.9 (MIG) OR D12 (TIG) ALUMINUM WELDING CODES BY AWS CERTIFIED STRUCTURAL WELDERS.

ALL ALUMINUM IS 6061-T6 EXCEPT AS NOTED  
 ESTIMATED PICKING WEIGHT:  
 ALUM GATES - 1000 LBS

SIGN AND DATE BELOW TO INDICATE ACCEPTANCE AND APPROVAL OF ALL PAGES OF DRAWING PACKAGE FOR MANTLE INDUSTRIES TO PROCEED WITH FABRICATION.

CUSTOMER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

REV	DATE	BY	NOTES
3	12/12/23	JMM	FINAL
4	12/19/23	JMM	BOLT TOGETHER
0	12/20/23	JSW	VARIOUS MODS



**Mantle Industries** a CMI company  
 1002 10TH AVENUE, SEASIDE, WASHINGTON 98136 PHONE 360-532-5374  
 FAX 360-532-5375  
 SALES 360-532-5376  
 SERVICE 360-532-5377  
 DATE: 12/20/23 23-159135 REV: 159135  
 PORT OF JUNEAU  
 HARRIS HARBOR GATE  
 SECURITY GATE  
 ASSEMBLY VIEW  
 1 of 4





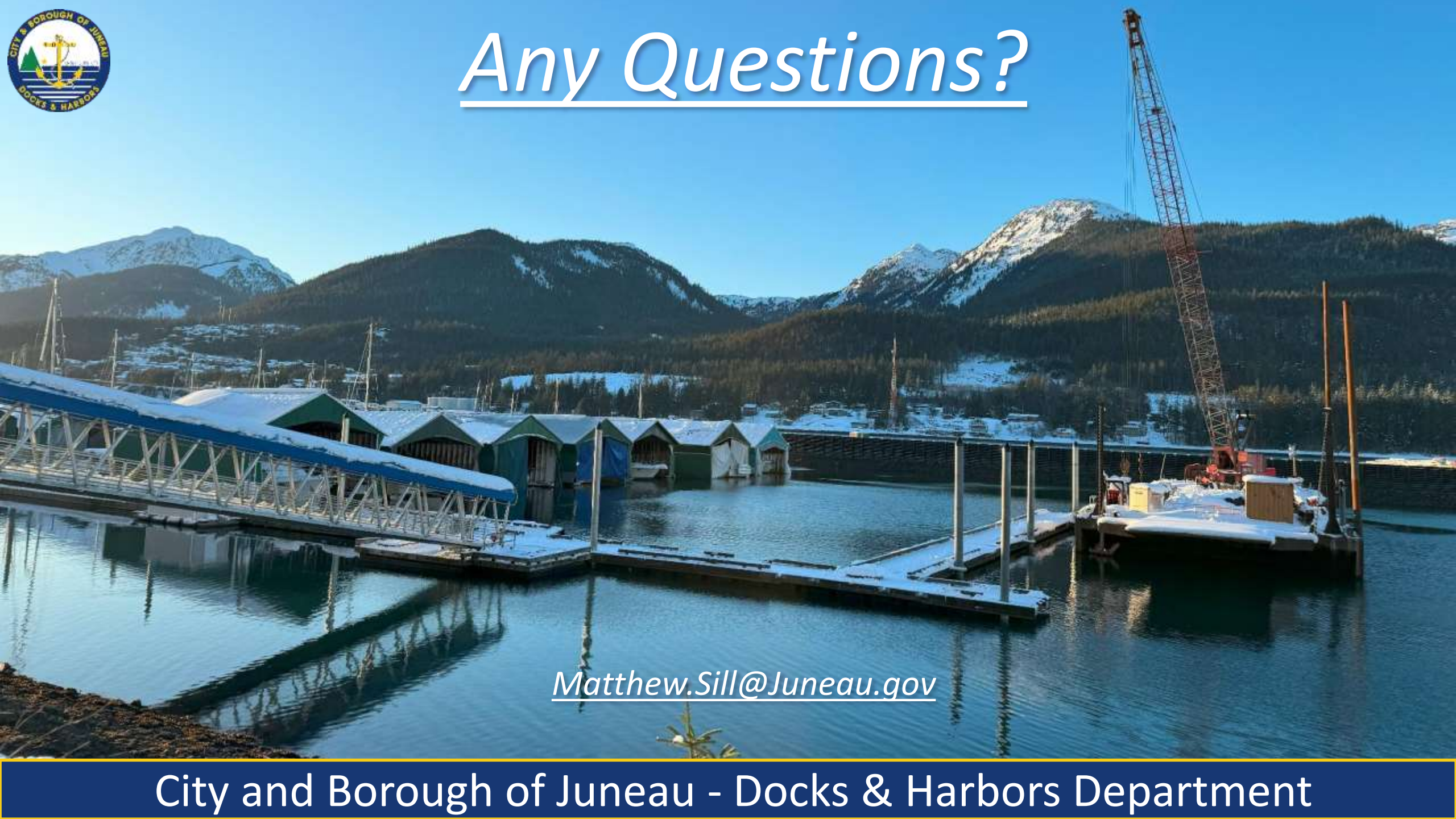
# Harris Harbor Security Gate



City and Borough of Juneau - Docks & Harbors



# Any Questions?



[Matthew.Sill@Juneau.gov](mailto:Matthew.Sill@Juneau.gov)