

STATUS: Active

DOT&PF Notice of Intent to Begin Eng. & Env. Studies & Request for Public Comment: SR Luminaire Replacement Project DFHWY-00054

Alaska Department of Transportation & Public Facilities

**NOTICE OF INTENT TO BEGIN ENGINEERING & ENVIRONMENTAL STUDIES
&
REQUEST FOR PUBLIC COMMENT**

SR M&O NHS & Non-NHS Preventative Maintenance
Design FFY2016-2018: Luminaire Replacement
State # SFHWY-00054 / Fed # 0003198

The Alaska Department of Transportation and Public Facilities (DOT&PF) proposes to upgrade the existing luminaire lighting system in various areas of Juneau Alaska.

The project would upgrade or replace luminaire lighting systems in selected Juneau areas by exchanging the existing high-pressure sodium units with light-emitting diode (LED) units. The type and quantity of units replaced would be determined by the results of a lighting test (luminosity) and a survey of public opinion.

Lighting upgrades are proposed for the following roadway corridors:

- * Thane Road
- * Franklin Street
- * Marine Way
- * Egan Drive
- * Egan Expressway / Glacier Highway (MP 0-16)
- * Mendenhall Loop Road
- * Back Loop Road
- * South Douglas Highway

The proposed project activities would occur within DOT&PF right-of-way (ROW), and mainly within the immediate area of existing utility and light pole infrastructure. Upgrades would include any minor adjustments to existing luminaire infrastructure in order to accommodate the necessary lighting specific to the roadways' design.

As of October 2016, DOT&PF is testing 3 kinds of LEDs along a small section of Mendenhall Loop Road between the Valley Boulevard intersection and the Back Loop intersection (see attached PDF of test area Figure 4). DOT&PF is testing 23 LED luminaires for different lighting characteristics (luminosity).

Of the 23 test LED luminaires in total:

- * **4** luminaires at the **Mendenhall Loop and Valley Blvd intersection** would be American Electric Lighting ATB280BLEDE10.
- * **8** luminaires between **Valley Blvd and Taku Blvd** would be American Electric Lighting ATB260BLEDE10.
- * **11** luminaires between **Taku Blvd and Back Loop Road** would be American Electric Lighting ATB240BLEDE10.

The State has determined that this project has no significant impact(s) on the environment and that there are no unusual circumstances as described in 23 CFR 771.117(b). As such, the project is categorically excluded from the requirements to prepare an environmental assessment or environmental impact statement under the National Environmental Policy Act. The State has been assigned, and hereby certifies that it has carried out, the responsibility to make this determination pursuant to Chapter 3 of Title 23, United States Code, Section 326 and a Memorandum of Understanding dated September 18, 2015, executed between the FHWA and the State.

DOT&PF seeks public opinion on the luminaire replacement project and encourages the public to view the new LEDs in their test locations listed above and provide comments through an online survey.

The survey is at the following link.

<https://www.surveymonkey.com/r/JuneauStreetLights>

If you have additional comments or questions about this project, please contact:

Benjamin Storey, Environmental Analyst

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 P.O. Box 112506 e-mail: Benjamin.storey@alaska.gov
 Juneau AK 99801-2506 FAX: (907) 465-3506

Comments and surveys are requested by December 9, 2016

If you or someone you represent requires special accommodations in order to respond to this public notice please call or email the project coordinator or call Alaska Relay and ask the communications assistant to assist you. Call:

(800) 770-8973 for TTY (800) 770-3919 for ASCII
 (800) 770-8255 for Voice (866) 355-6198 for ST

Attachments, History, Details

Attachments

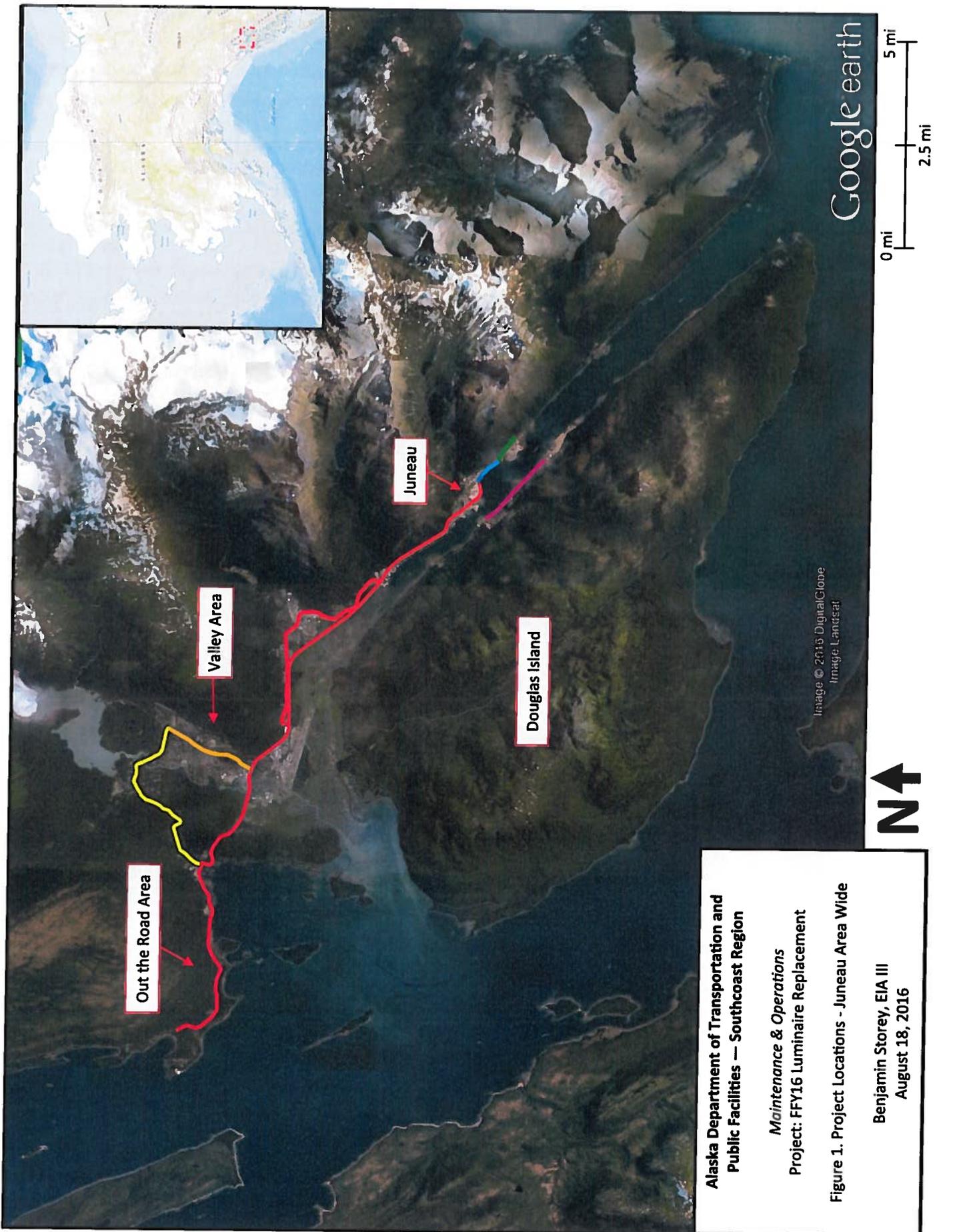
[SFHWY00054 lighting location maps for OPN.pdf](#)

Revision History

- Created 11/3/2016 4:35:14 PM by kldirks
- Modified 11/3/2016 4:37:52 PM by kldirks [\[Details\]](#)
- Modified 11/3/2016 4:38:49 PM by kldirks [\[Details\]](#)
- Modified 11/3/2016 4:39:50 PM by kldirks [\[Details\]](#)
- Modified 11/3/2016 4:40:28 PM by kldirks [\[Details\]](#)
- Modified 11/3/2016 4:45:09 PM by kldirks [\[Details\]](#)
- Modified 11/3/2016 4:47:15 PM by kldirks [\[Details\]](#)
- Modified 11/3/2016 4:49:08 PM by kldirks [\[Details\]](#)
- Modified 11/7/2016 3:59:49 PM by kldirks [\[Details\]](#)
- Modified 11/7/2016 4:31:08 PM by kldirks [\[Details\]](#)

Details

Department: Transportation and Public Facilities
 Category: Public Notices
 Sub-Category:
 Location(s): Juneau
 Project/Regulation #:
 Publish Date: 11/3/2016
 Archive Date: 12/6/2016
 Events/Deadlines:



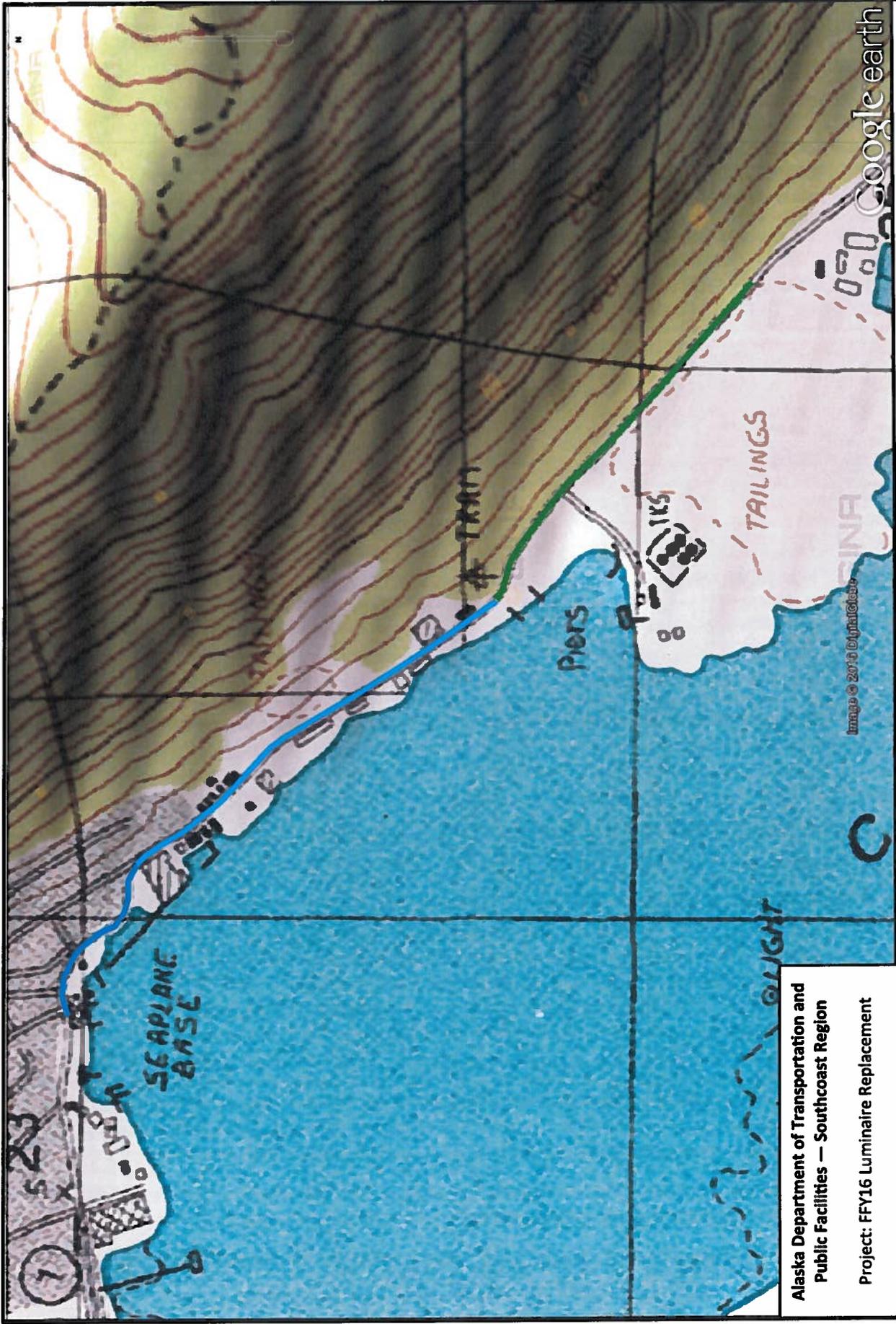
Google earth

0 mi 2.5 mi 5 mi

Image © 2015 DigitalGlobe
Image Landsat



Alaska Department of Transportation and Public Facilities — Southcoast Region
Maintenance & Operations
 Project: FFY16 Luminaire Replacement
 Figure 1. Project Locations - Juneau Area Wide
 Benjamin Storey, EIA III
 August 18, 2016

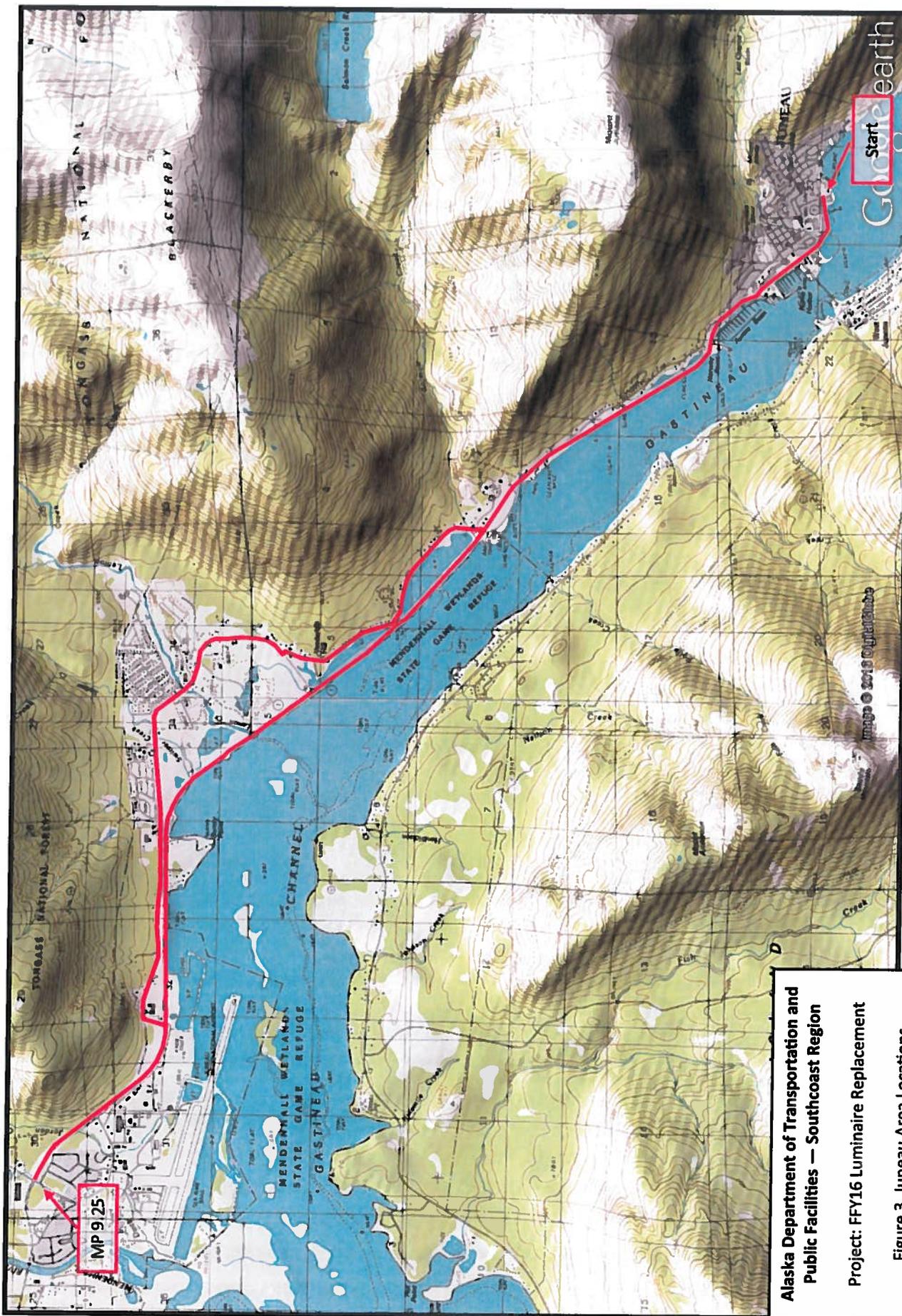


Alaska Department of Transportation and
Public Facilities — Southcoast Region

Project: FFY16 Luminaire Replacement

Figure 2. Downtown Juneau Area Locations

Benjamin Storey, EIA III
August 18, 2016



0 ft



3,275 ft

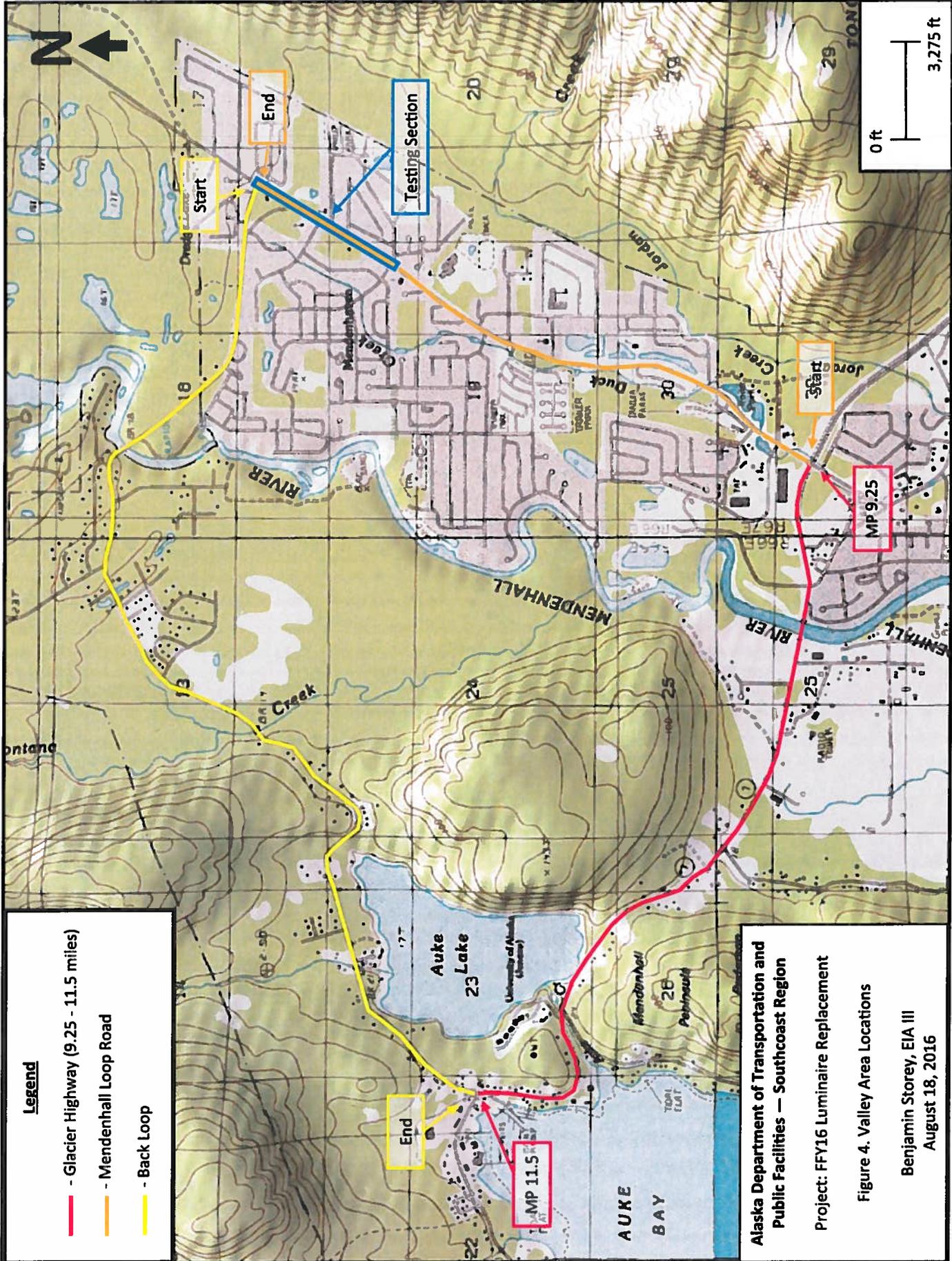
— Egan Drive/EGAN Expressway/Glacier Highway (0 - 9.25 miles)

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Project: FFY16 Luminaire Replacement

Figure 3. Juneau Area Locations

Benjamin Storey, EIA III
August 18, 2016



Legend

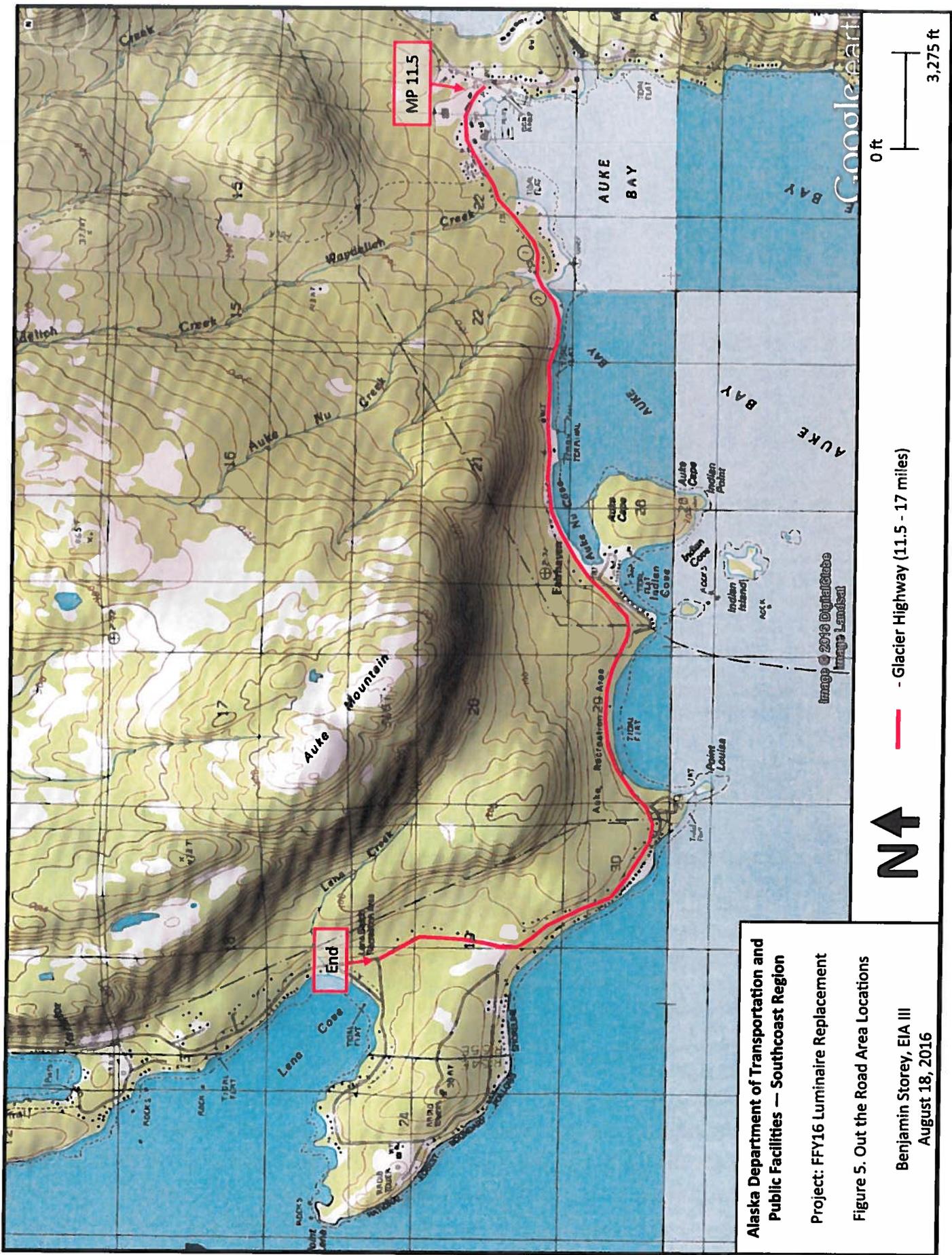
- - Glacier Highway (9.25 - 11.5 miles)
- - Mendenhall Loop Road
- - Back Loop

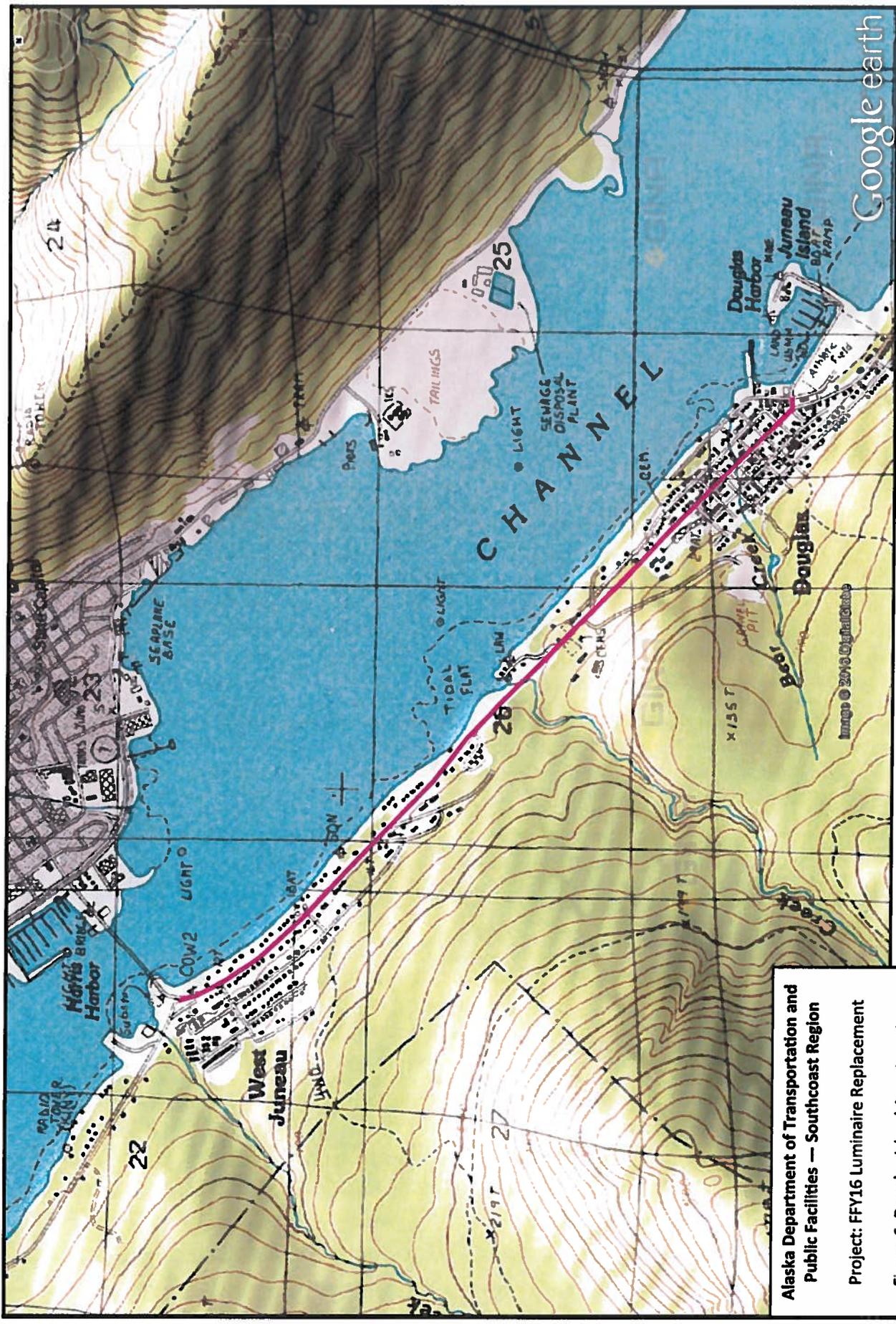
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Project: FFY16 Luminaire Replacement

Figure 4. Valley Area Locations

Benjamin Storey, EIA III
August 18, 2016





Google earth

0 ft



— Douglas Highway (South)

3,275 ft

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Project: FFY16 Luminaire Replacement

Figure 6. Douglas Island Area Locations

Benjamin Storey, EIA III
August 18, 2016