



Memorandum

To: Capital Facilities Director

From: Laura Langdon, Project Manager

Date: January 27, 2017

Re: Update of Wind Damage to the Egan Street Light Poles

The poles are rated to 100mph continuous wind and 130mph gusts. I have been informed that all accessories are rated the same as the poles. However, we had numerous failures below 100mph. The supplier, Holophane, has received a few damaged parts to analyze. We currently wait for their findings.

I am pushing the supplier, Alaska Architectural Lighting in Anchorage, to find the City a temporary solution such as replacement lights until a permanent one is found.

The City is not responsible for the damage and therefore will not be paying for any additional work related to the solution. Given the immediate need for safety, Building Maintenance addressed the broken lights as soon as they could. They have been tracking their time as this should not be an extra cost to the City and will be invoiced to the appropriate party in the future.

On January 16th, Sturgeon Electric was on site and went light-by-light noting the problems and fixing what they could. They were able to tighten screws and secure light fixtures. I have attached the drawing showing their findings. To summarize the findings, I've provided the damage with the current solution in italics:

Lower 16' Pedestrian Lights

1. Eight fell during the wind storm

- a. These were taken to Building Maintenance.*
2. Six more had a screw come loose, putting the light at risk for falling
 - a. Building Maintenance was able to replace the screws in 5 of them. They removed one which they couldn't secure. Sturgeon Electric double-checked these lights during their site visit.*
3. All electrical wires have been capped and placed securely back inside the fixtures.
4. Two lights are out. One was out prior to the wind storm.
 - a. These have not yet been replaced.*

Taller 30' Roadway Lights

1. One light was bent at a 45 degree angle.
 - a. Sturgeon Electric was able to bend the light back during their site visit.*
2. Two lights had a guy wire break.
 - a. These have not yet been replaced.*
3. One light is out as of Jan 26, 2017.
 - a. This has not yet been replaced.*