



Seattle City Light



MAGNOLIA COMMUNITY MEETING

Discovery Park Environmental Learning Center

October 2018



MEETING AGENDA

- History of Magnolia's electrical infrastructure
- Cause of unplanned power outages
- Upcoming and future construction in Magnolia



HISTORY OF THE NEIGHBORHOOD

- 1970's: Underground electrical system installed in Magnolia
- 2011: Cables were tested and injected with silicone
 - 59.9% of the cable was successfully injected



POWER OUTAGE DETAILS

Outage Start	Outage End	Cause	Duration
10/18/2017 3:00 p.m.	10/18/2017 6:36 p.m.	Tree in Wires	216 minutes
11/13/2017 3:55 p.m.	11/13/2017 5:05 p.m.	Tree in Wires	70 minutes
12/20/2017 12:20 p.m.	12/20/2017 10:16 p.m.	Bird - Crow	596 minutes
12/31/2017 2:47 a.m.	12/31/2017 9:50 a.m.	No Cause Found	423 minutes
1/11/2018 11:04 p.m.	1/12/2018 11:00 a.m.	Transformer	716 minutes
5/14/2018 3:32 p.m.	5/14/2018 4:28 p.m.	Switch	56 minutes
7/22/2018 9:21 a.m.	7/23/2018 12:31 a.m.	Cable	910 minutes
8/7/2018 7:15 p.m.	8/8/2018 3:05 a.m.	Transformer	470 minutes
8/27/2018 1:56 p.m.	8/27/2018 8:29 p.m.	Cable	415 minutes

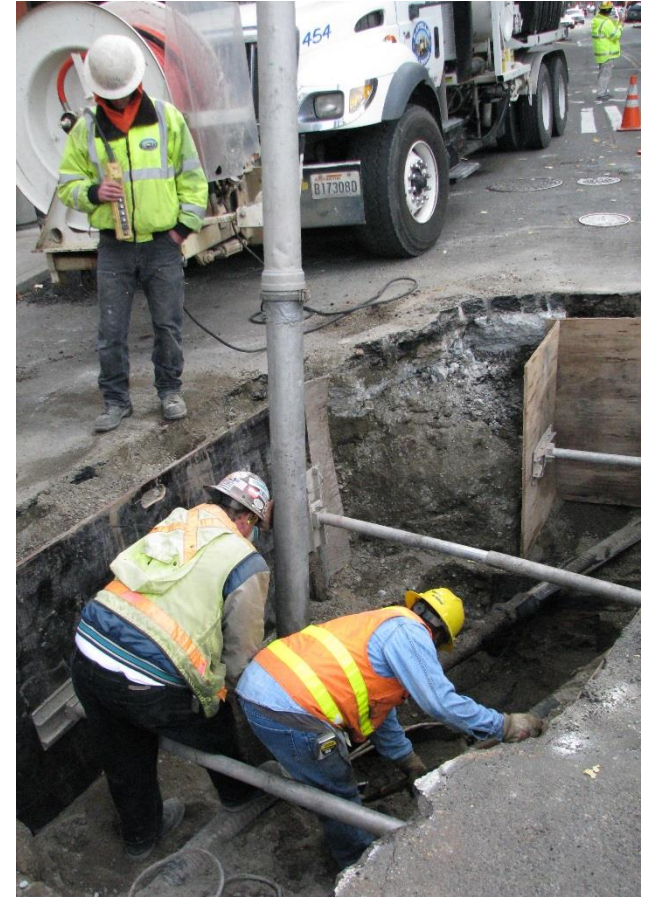
WHAT IS CITY LIGHT DOING TO ADDRESS THIS?

- Short-term solutions:
 - Re-energize/repair section of cable (planned outage)
 - Replace 1,000 feet of damaged cable
- Long-term solution:
 - Replace cable; install conduit, electrical vaults

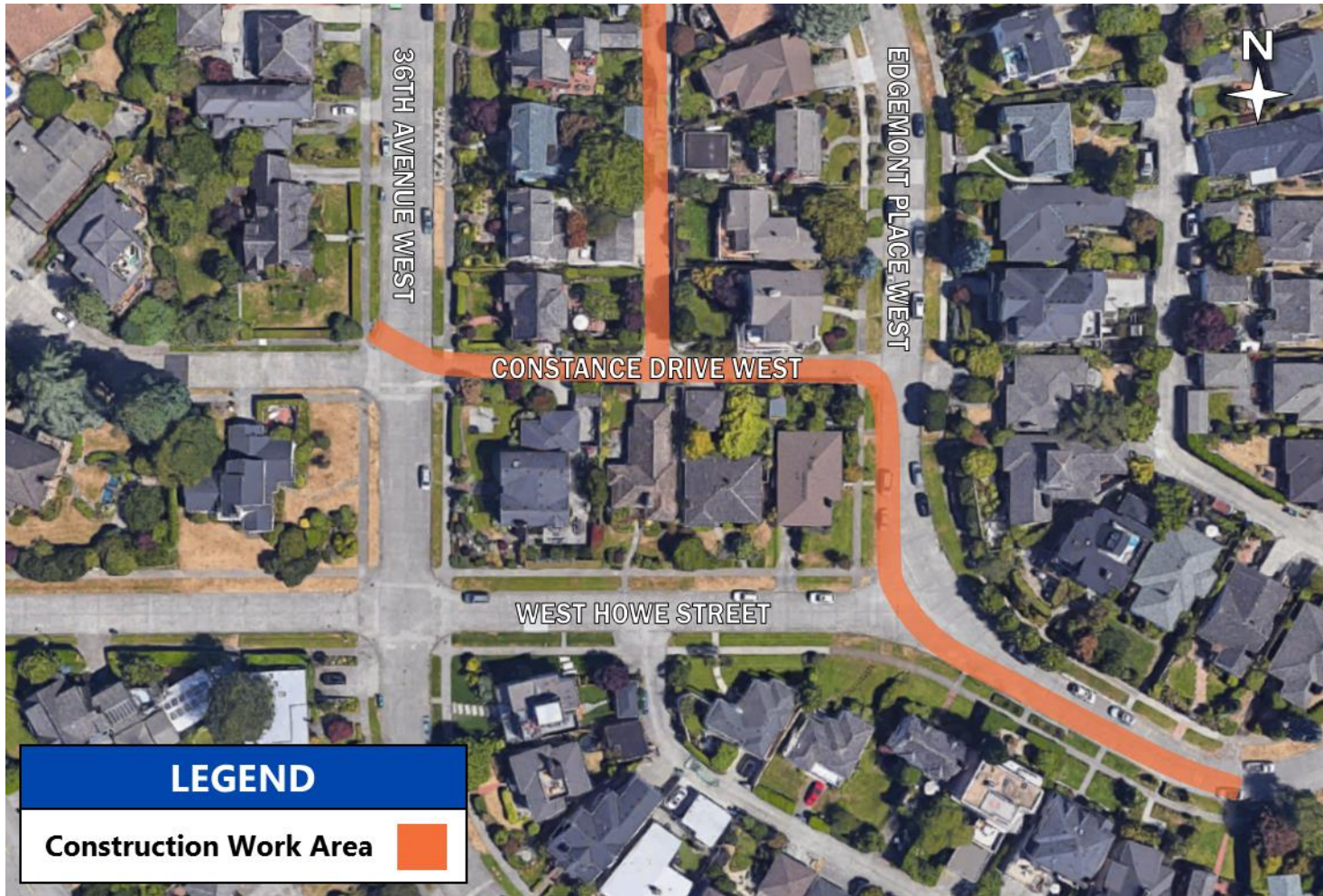


SHORT-TERM CONSTRUCTION PLANS

- City Light will replace the damaged cable
 - Cable runs approximately 1,000 feet
- Design is underway
- **Construction Start:**
Tentative for 4th quarter 2019
 - Notification provided to customers in advance of construction activities



CONSTRUCTION WORK AREA

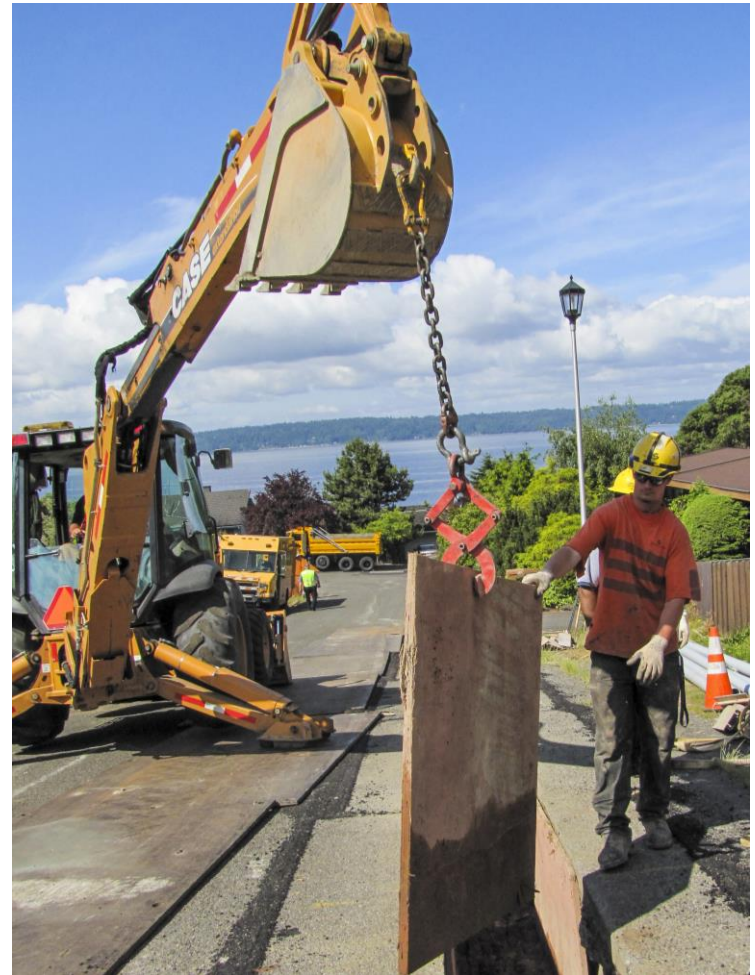


SHORT-TERM CONSTRUCTION TIMELINE

- **Oct.–Nov. 2018:** Planned power outage to repair and re-energize cable
 - Affected customers will be notified in advance
- **2019:** Tree trimming
 - Prevents trees from landing onto power lines
- **2019:** Crews will replace 1,000 feet of damaged cable
- **TBD:** Bird guard installation
 - Prevents birds from landing on the utility pole

FUTURE CONSTRUCTION

- Several areas within Magnolia that will require new electrical conduit and cables
 - Includes vaults and other associated work
- Trenching for conduits will occur in public right-of-way



FUTURE PROJECT DETAILS

- Work area is approximate
- Final design is scheduled for completion in 2021
- Civil construction is tentative to start in 2022



PROJECT IMPACTS

- Construction will be phased out to limit traffic impacts
- Trenches will be covered with steel plates outside of construction work hours
- Landscaping will be impacted
 - Affected landscaping and streets will be restored or repaved
- Maintenance power outages are required to do the work safely
 - Affected residents will be notified in advance before any outages

MORE INFORMATION

- City Light staff will be stationed around the room to answer your questions
- Customers can sign up to receive email updates on the sign-in sheet
- For more information, please contact:

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Electrical Service Representative

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seattle.gov/light/atwork

CITY LIGHT

OUR MISSION

Seattle City Light is dedicated to delivering customers affordable, reliable and environmentally responsible electricity services.

OUR VISION

We resolve to provide a positive, fulfilling and engaging experience for our employees. We will expect and reinforce leadership behaviors that contribute to that culture. Our workforce is the foundation upon which we achieve our public service goals and will reflect the diversity of the community we serve.

We strive to improve quality of life by understanding and answering the needs of our customers. We aim to provide more opportunities to those with fewer resources and will protect the well-being and safety of the public.

We aspire to be the nation's greenest utility by fulfilling our mission in an environmentally and socially responsible manner.

OUR VALUES

Safety, Environmental Stewardship, Innovation, Excellence, Customer Care



Seattle City Light