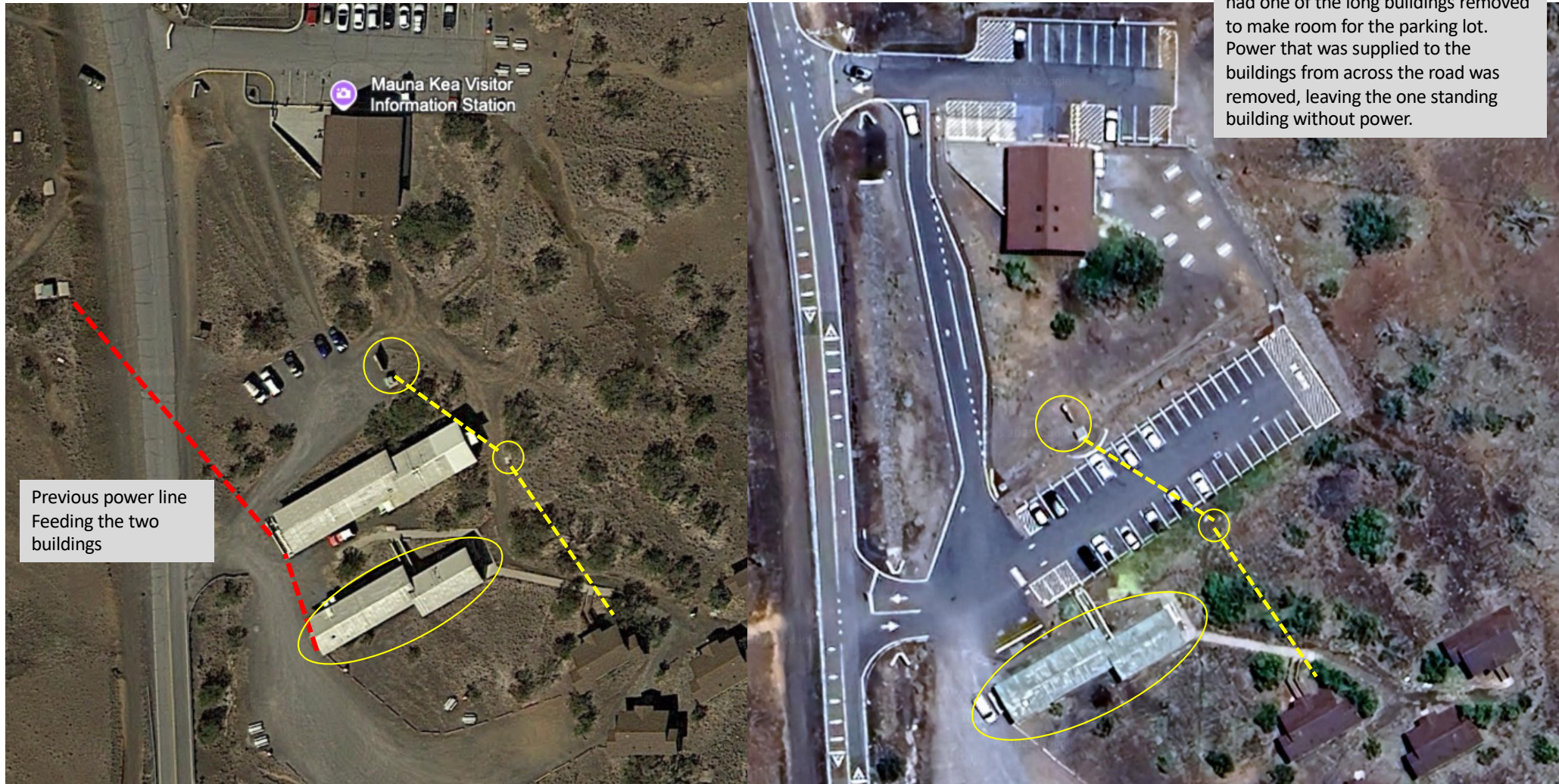


VIS Warehouse Electricity Restoration Project

Maunakea Management Board Meeting March 4th , 2025

Proposed by Maunakea Shared Services

Background



Previous power line
Feeding the two
buildings

Construction of the VIS parking & ingress/egress improvement project had one of the long buildings removed to make room for the parking lot. Power that was supplied to the buildings from across the road was removed, leaving the one standing building without power.



Overview of Project Site

1. Visitor Information Station (VIS)
2. VIS Warehouse
3. Electrical Panel
4. Electrical pull box
5. Existing conduit (underground)
6. Proposed new conduit (trenching)

Two small mamane trees located next to the electrical panel (3) will have to be transplanted and a larger one will have to be pruned. See details below.



Work to restore electricity to the VIS warehouse will require:

1. Run wires from the existing electrical panel (A) through the existing underground conduits (C) to the electrical pull box (B).
2. Trench (D) approximately 75 ft of 10" wide x 6"-8" deep from pull box (B) to warehouse building.
3. Run wire under the building into existing breaker box inside building to restore power.

Note: This building used to have power but was removed when the VIS ingress/egress parking lot improvement was done. Building already has all electrical wiring, breakers and hardware that meet code from before.

Justification:

Building is used to store all of VIS inventory, without power we do not have security systems for the building. Lights are currently powered by a battery pack . Internet, wifi and computers are needed to better manage inventory.

Estimated cost: \$2,500 labor, \$2,500 parts.

Tree Removal/Pruning

There are two young mamane trees that will have to be removed from their location and transplanted elsewhere and one larger mamane tree that will have to be pruned back.

(A) One of the small trees was planted directly in front of the main electrical cabinet door which will make it impossible to open once it grows any bigger.

(B) The second one of the young trees was planted directly in front of the back electrical panel breaker box. At this point in time it is still too small to block access to the panel, but once it grows it will block access to the breaker box.

(C) The taller tree is off to the side of the electrical panel, but it will have to be pruned to prevent it from blocking access to the back breaker box.

