



**CITY OF FORT BRAGG**

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**COUNCIL COMMITTEE ITEM SUMMARY REPORT**

**MEETING DATE:** MARCH 11, 2020  
**TO:** PUBLIC WORKS AND FACILITIES COMMITTEE  
**FROM:** SANDY ARELLANO; PUBLIC WORKS PROJECT ANALYST  
**AGENDA ITEM TITLE:** RECEIVE REPORT AND PROVIDE DIRECTION TO  
STAFF CONCERNING THE GUEST HOUSE MUSEUM  
POST CLOCK REPLACEMENT

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**BACKGROUND AND OVERVIEW:**

In 1995, the City originally purchased and installed the authentic historical two dial E. Howard model exterior post clock replica currently standing on the front lawn of the Guest House Museum. In early 2018, staff looked into the repair of the now 25-year-old clock that apparently became dysfunctional due to weather, age, and pest damage. At that time, the original clock vendors Electric Time Co, Inc. based in Massachusetts were contacted for recommendations. After their engineers reviewed the current clocks condition via detailed photographs and studied the inoperable mechanisms, they suggested the clock be replaced. In accordance with the City's purchase regulation for services/purchases over \$5,000, three quotes from vendors are to be requested.

During the request for quotes process, staff reviewed three alternative options to provide a fully functional clock.

1. Replace the clock with an identical model and size: 4 feet wide by 15.5 feet tall.
2. Replace with a smaller clock to save on cost (quote #2, below) 2.5 feet wide by 11.7 feet tall.
3. Fully restore the existing clock; replace interior electrical mechanisms and restore exterior post structure.

Three commercial clock manufactures were contacted and asked to provide quotes for the three options referenced above.

| Quote | Company                | Restoration Price | Replacement Price              |
|-------|------------------------|-------------------|--------------------------------|
| 1     | Electric Time Co, Inc. | Not recommended   | \$ 21,283.00                   |
| 2     | Lumichron              | \$13,756.00       | \$ 8,978.00<br>(smaller clock) |
| 3     | Verdin                 | Not recommended   | \$21,480.00                    |

Seemingly, the warranty is limited on restorations to 90 days rather than three years for a new replacement. The three manufacturers provided similar details and specifications regarding the clocks internal mechanisms terminal components and specifications. Due to the long distance and different locations of where the three companies are located, shipping, handling and tax costs are not included. Estimated shipping costs are approximately \$2,250 and a new clock delivery is currently 6 to 8 weeks after receipt of purchase order.

**SUMMARY:**

Staff is seeking direction from the Public Works and Facilities Committee to decide whether to replace the Guest House Museum clock with an identical replica, with a smaller size option, or to refurbish the existing one.

**RECOMMENDATION:**

Staff recommends replacing the current clock with an exact replica as per the original provider’s recommendations. The original clock provider Electric Time Co. Inc. are not only the lowest in cost for replacement bidder, they are also a well-known and distinguished commercial clock manufacturing company with impeccable reviews, and are highly recognized by their fellow competitors. They are also the only manufacturers to offer an anodized undercoat, which adds an additional layer of protection from our environments salty sea air which as we know is damaging to any surface. As far as the City’s current staff is aware, the existing clock has been dysfunctional during the last decade and agree it is time to be replaced. The quoted price conforms to the budgeted funds available.

The current budget is \$22,000. The purchase of a new clock, with shipping, taxes and any other incidental costs will most likely exceed the budget slightly. Once a formal quote is available, a budget amendment can be made.

As a second alternative, staff recommends restoring the existing clock to save on costs and remains optimistic for the clocks exterior condition considering the original skeletons exposure to the harsh climate and elements and, warranty risks it may entail.

**ATTACHMENTS:**

Current clock photographs and proposed scaled galleries

Attachments I



Guest House Clock Image

South Elevation

Attachment II



Images of the clock showing weatherized polycarbonate and corrosion

Attachment III



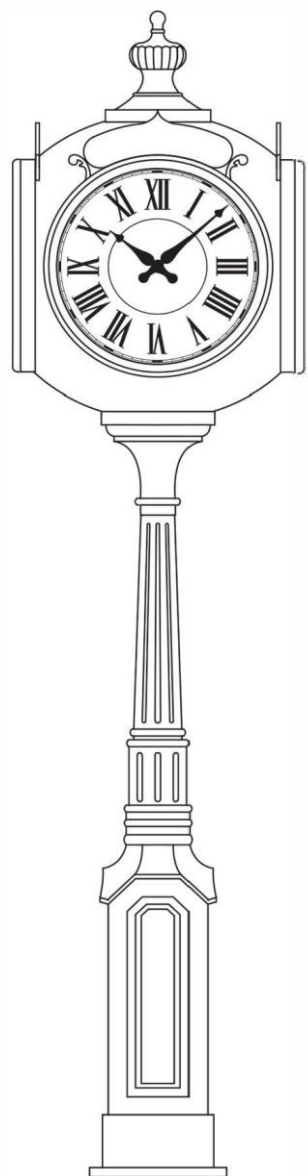
Close-up images showing erosion damage

Attachment IV



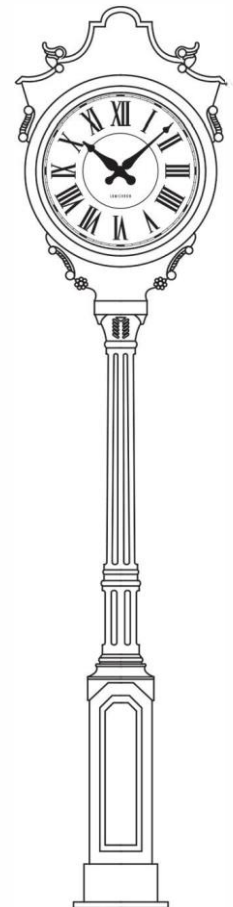
South elevation with person to clock scale

15  
10  
5  
SCALE: 12"

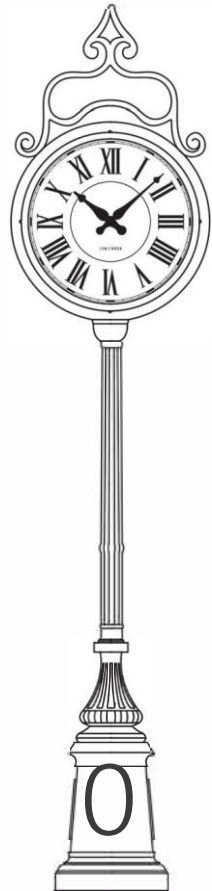


VICTORIAN  
4-WAY

← **Current Size**  
↓ **Current Model**



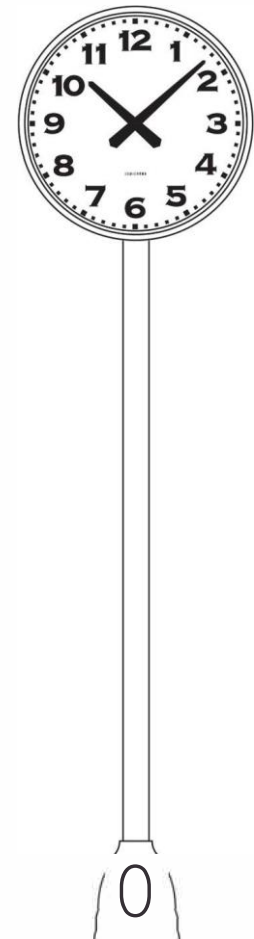
E. HOWARD



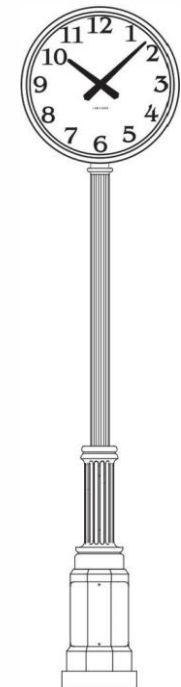
VICTORIAN



6' PERSON



MODERN  
(36" HEAD  
ON 9' POST)



EL PRESIDIO  
(24" HEAD  
ON 80" POST)

↑ **Smaller clock size  
and model option**

**Scaled Gallery CLOCKS**