

Bertron, Cara

From: Elizabeth Brummett <Elizabeth.Brummett@thc.texas.gov>
Sent: Friday, April 19, 2019 3:32 PM
To: Greg Casey; Pittman, Michael
Cc: Gilbert Martinez; Dale Shumaker; Bertron, Cara; programs@preservationaustin.org; ken j
Subject: RE: City of Austin - Moonlight Towers - Meeting to Discuss New Material Fabrication

Greg and Michael,

Thank you for the information here and in the revised certificate of appropriateness submittal. The Texas Historical Commission is very happy to support the change to milled star post members that will match the shape of the historic members. However, we do not have enough information in hand to fully evaluate the project moving forward. As previously discussed, we would like to see a written methodology for 1) how Towers 3, 8, and 16 will be reconstituted without fully relying on replica star post members and 2) how the locations of the replica members will be documented.

There are a couple of ways we could proceed at this juncture. If it would facilitate ordering the star posts, which have a long lead time, I would be happy to issue a letter approving their fabrication. The additional information would need to be reviewed and addressed in a separate letter before tower restoration could recommence. Alternately, if you are able to provide the methodology soon, a single permit amendment could cover the project comprehensively, apart from any potential relocations.

Thank you,
Elizabeth

A. Elizabeth Brummett
State Coordinator for Project Review
Division of Architecture
Texas Historical Commission
P.O. Box 12276
Austin, Texas 78711
512-463-6167
www.thc.texas.gov



From: Greg Casey <greg.casey@enertechresources.com>
Sent: Monday, April 15, 2019 11:51 AM
To: Pittman, Michael <Michael.Pittman@austinenergy.com>
Cc: Gilbert Martinez <Gilbert.Martinez@enertechresources.com>; Dale Shumaker <dale.shumaker@enertechresources.com>; Elizabeth Brummett <Elizabeth.Brummett@thc.texas.gov>; 'Bertron, Cara' <Cara.Bertron@austintexas.gov>
Subject: City of Austin - Moonlight Towers - Meeting to Discuss New Material Fabrication

CAUTION: External Email – This email originated from outside the THC email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Michael,

We have performed some preliminary calculations based on historical information regarding the third-party testing component failure rate for the previous 8 Towers. As you know, Enertech has utilized materials from 6 towers that were taken down and 2 towers from Austin Energy Storage yard. With these materials, 5 towers were restored and completed using 100% original 1894 tower members.

To date, Enertech has a material testing failure rate of approximately 40%. With this information, we have projected this failure rate to the balance of the towers to determine the amount of new materials that will need to be fabricated to complete all 17 Towers restorations.

Towers 8, 3 and 16 have been completely consumed to complete the first 5 towers. In our calculations, these 3 towers have been denoted as 100% failures requiring 100% replacement parts. The balance of the 9 Towers a 40% failure rate was used.

As a result, this project will have to fabricate a considerable amount of new star posts (vertical and horizontal members) and sockets. As discussed previously maintaining a maximum percentage of original tower members in each of the remaining towers.

We have determined that there will be a little more than 40% original members in the remaining 12 Moonlight Towers to be completed.

Enertech is currently working on having replacement star posts and sockets re-quoted with these approximate quantities.

It is our understanding, the Moonlight Towers Restoration project is on the (April 22, 2019) City of Austin Historical Commission's Agenda for discussion of the Certificate of Appropriateness. They will need to know that original materials per tower will be approximately 40%. Elizabeth Brummett and Cara Bertron have been copied on this email

Enertech would like to set a meeting with you to discuss the project going forward and introduce you to Gilbert Martinez (New Enertech Project Manager for Moonlight Towers Project). Would you be available to meet on Thursday morning?

If you have any questions, please contact me at your convenience.

Sincerely,

Gregory J. Casey, PE

Senior Engineer

Enertech Resources, LLC
5920 W. William Cannon Drive
Building 1, Suite 102
Austin, Texas 78749
O: 830-387-4502 | M: 512-589-0074
New Braunfels | **Austin** | Dallas | Houston | Phoenix

