



CITY OF CLEAR LAKE

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Mayor
NELSON P.
CRABB

June 1, 2012

City
Administrator
SCOTT
FLORY

To: Mayor Nelson P. Crabb & City Council Members
Cc: Jennifer Larsen, City Clerk
Joe Weigel Public Works Director
Greg Peterson, Chief of Police
Tom Lovell, CL Tel
Jason Petersburg, P.E., Veenstra & Kimm
From: Scott Flory, City Administrator
Re: Council Workshop Session – June 4, 2012

COUNCIL
MEMBERS

DANA
BRANT
Ward 1

TONY J.
NELSON
Ward 2

JIM
BOEHNKE
Ward 3

MIKE
CALLANAN
At Large

TERRY
UNSWORTH
At Large

Dear Elected officials:

Attached is the “tentative” agenda for the upcoming *Clear Lake City Council Workshop session*. The Council will meet at **6:00 p.m., Monday, June 4, 2012**, in the Council Chambers, at City Hall. Please refer to the attached agenda for the items discussed below.

ITEM #3. Main Avenue Water Tower Communications Equipment Relocation. As the City continues to proceed with planning for the contemplated removal of the Main Avenue Water Tower, relocation of the City’s emergency response radio repeater and the existing wireless telecommunications antenna equipment owned by CLTel will need to be considered. The City did allocate some funding in the FY 13 budget to put towards the construction of a new facility (monopole) for the repeater. That amount, however, was an “off the cuff” figure and not based on any actual estimates for construction. If the City would have to undertake construction of a new monopole on its own, the cost will be several times what was originally used for budgeting purposes.

The repeater is obviously invaluable as a communicative tool for emergency response purposes and primarily serves to eliminate “dead spots”. The Chief has advised that it is critical for the repeater to be located in the immediate downtown area, as close to the police station as possible. There is currently an



existing cage style tower that is located just outside the police station that is supported by a number of guy wires and is approximately 100' in height. It is partially hidden by the evergreen tree. This location has been discussed with representatives from CLTel and iWireless, as well as with a communication siting consultant selected by Chief Peterson to assist with coordinating the relocation of the repeater, as a potential new site for a future monopole structure, which would accommodate both the emergency response repeater, as well as the wireless antenna equipment currently owned by CLTel. According to both, there are no compatibility issues to be concerned with regarding the proximity of the equipment to each other that cannot be compensated for in design and construction.

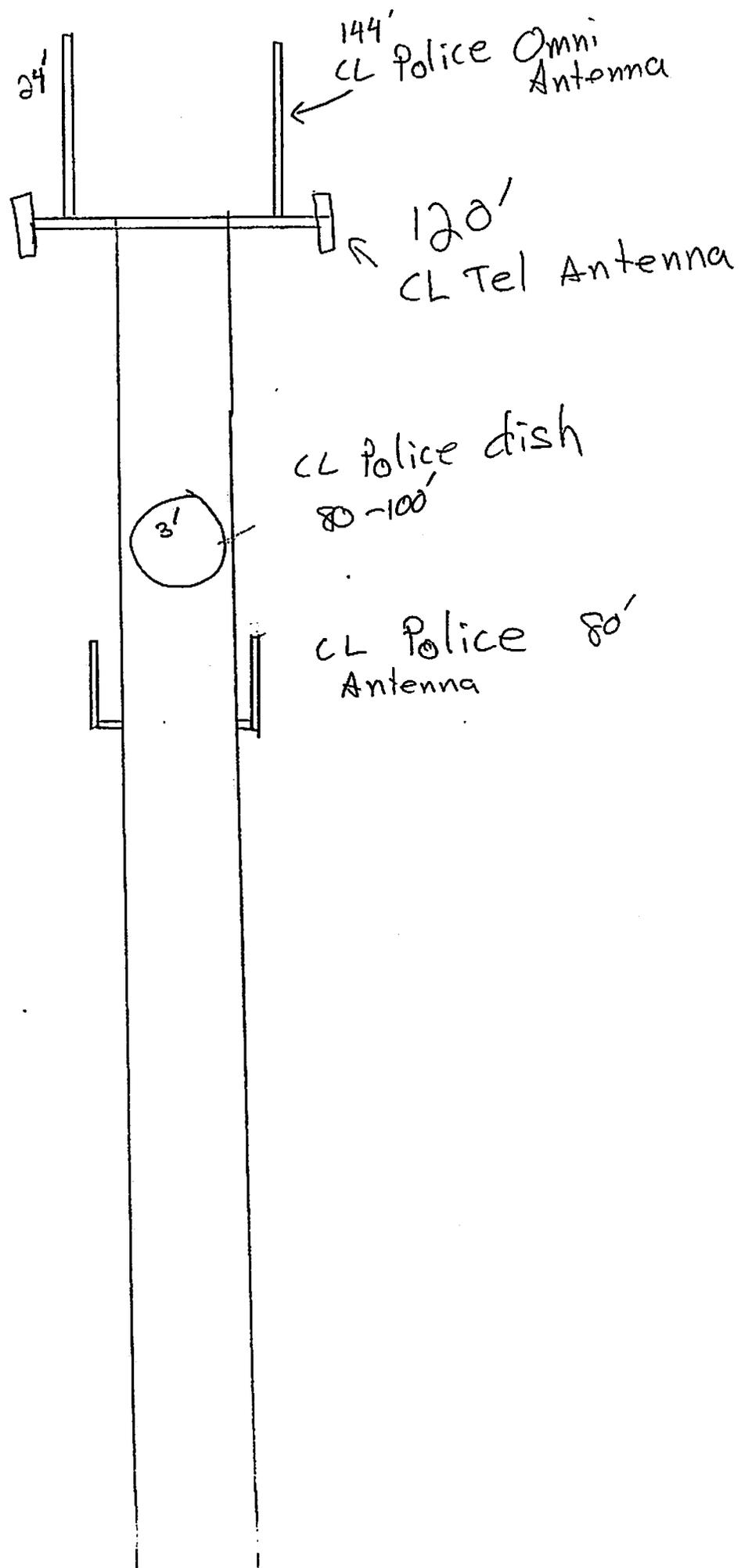
Chief Peterson had indicated that the optimum height for the monopole for purposes of emergency response communication purposes would be between 130'-140'. The wireless telecommunications equipment would be located at a level that would be lower than what would be required for the repeater itself. Representative of iWireless and CLTel will attend the workshop and discuss the specifics of what the proposed monopole would look like. A specific agreement between the City and CLTel would need to be developed to identify the parameters of the construction and use of the monopole.

If it is the desire of the Council to proceed with replacing the existing tower outside of the police station with a new monopole structure to be used for emergency response communication purposes and for CLTel's wireless antenna telecommunications equipment, an Agreement would need to be negotiated in a timely fashion. Following consideration and approval of an Agreement, then the construction could be scheduled by CLTel and iWireless, with an anticipated completion date of around the end of the calendar year. This would coincide well with scheduling for any anticipated removal of the Main Avenue Tower, which would ideally occur between January and March of 2013.

Please feel free to contact me if you have any questions about any of the agenda items.

CITY COUNCIL OF THE CITY OF CLEAR LAKE
WORKSHOP MEETING AGENDA
MONDAY, JUNE 4, 2012
COUNCIL CHAMBERS – CITY HALL
6:00 P.M.

1. Call to Order by Mayor Nelson P. Crabb.
2. Approval of the Agenda.
3. Relocation of Emergency Response Radio Repeater and wireless telecommunications antenna equipment from Main Avenue Water Tower:
 - Introduction by Scott Flory, City Administrator.
 - Review of .
 - Discussion by City Council.
4. Other Business:
5. Motion to adjourn.



Hand sketch
 of estimated
 heights of
 equipment
 5-31-12 SF