

Council Meeting of
March 26, 2024

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

**SUBJECT: City Manager and Communications and Information Technology –
Receive Update and Provide Direction on Potential Installation of Live
Webcam in Torrance. Expenditure: None.**

RECOMMENDATION

In response to an oral request by Councilmember Aurelio Mattucci, it is the recommendation of the City Manager and Communications and Information Technology Director that City Council receive an update and provide direction on the potential installation of a live webcam in Torrance as a means of promoting the City in a visual medium.

BACKGROUND/ANALYSIS

On November 14, 2023, Councilmember Aurelio Mattucci received concurrence from City Council to perform a cost and feasibility study and research security concerns associated with potentially installing a webcam at Torrance Beach or Los Arboles Park (commonly referred to as "Rocketship Park").

On January 16, 2024, CitiCABLE staff reached out to neighboring cities like Hermosa Beach and Santa Monica to better understand how they are livestreaming from their respective beaches or other various locations within their jurisdiction. Communications and Information Technology (CIT) staff also worked with the Parks Services Division of the Community Services Department to complete site studies at Torrance Beach and Los Arboles Park to determine optimal locations and examine the current infrastructure at each location.

Unfortunately, neither location has adequate infrastructure in place for power or network connectivity. This increases the cost and complexity of the installation. Staff requested costs for solar powered and battery backup solutions to provide uninterruptible power supply in both locations during evening hours to support power and cellular connectivity. Additionally, a cellular router is required to establish network connectivity to the camera.

The weak cellular service at Torrance Beach makes this location untenable and it is not recommended. CIT did find that if a webcam were to be installed at Los Arboles Park, the cellular signal would be stronger and more reliable, while still offering remarkable views of the beach and City from its vantage point. Overall, both locations were found to have numerous challenges, but staff believes they can be more adequately addressed at Los Arboles Park.

CIT also obtained quotes for different camera systems including the cost of installing all necessary equipment at Los Arboles Park. A complete system would require an uninterrupted power supply, cellular router, and outdoor-rated camera. The camera that would best serve this need was found to be the Hanwha Vision PNM-9031RV 15MP H.265 Panoramic Camera as it allows for up to 210 degrees of view in HD quality. The camera seamlessly integrates with the City's video management system and can be viewed online. The complete cost for the camera, including all necessary infrastructure equipment and installation, would be \$14,463.62.

Moreover, CIT recommends using IPCam Live as the internet streaming provider; while there are other cloud internet solution providers, this provider is common among many other cities and public agencies, and IPCam Live's cloud-based streaming may be seamlessly embedded into the City's website. IPCam Live's streaming costs would either be \$32.00 per month on pay-as-you-go basis or an average of \$28.80 per month for one year of service on a prepaid basis, along with a monthly Verizon internet service cost of \$39.99.

Staff requests that City Council provide direction on whether to move forward with the installation of one camera system at Los Arboles Park.

Respectfully submitted,

ARAM CHAPARYAN
CITY MANAGER

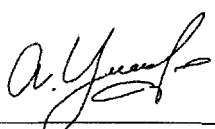
By 

Jin Chun
Public Engagement Manager

By 

J.R. Wright
Information Technology Manager

CONCUR:



Andrei Yermakov

Communications and Information Technology Director



Aram Chaparyan
City Manager