April 27, 2018

Dr. Wazir Ishmael, City Manager  
City of Hollywood  
P.O. Box 229045  
Hollywood, Florida 33022-9045

Dear Dr. Ishmael:

RE: Status on the Approval of Variances for the Construction of Radio Towers in the City of Hollywood

As a follow-up to my letter dated April 3, 2017 (attached) regarding radio tower sites in the City of Hollywood (City), I am inquiring on the status on the approval of the variances from the City for the construction of these new tower sites. As you are aware, the site locations are on County-owned properties and have been determined to be the best suited locations to provide for the optimal coverage for the new P25 radio system.

County staff has been in communication with your staff and has submitted necessary information; unfortunately, there has not been any movement to proceed with the approval of the variances.

As you are aware, these sites are critical to build a state of the art radio system with coverages to meet our needs well into the future. The radio coverage analysis performed by our Consultant, Mission Critical Partners, confirms that these sites are needed to properly cover the City of Hollywood, and address current radio dead spots along the oceanfront, high rise buildings, and western parts of the City.

Your attention and approval of the variance for this critical public safety issue is appreciated. If you have any questions, please contact me or Alphonso Jefferson, Jr., Assistant County Administrator, at 954-357-7352 or via email at ajefferson@broward.org.

Sincerely,

Bertha Henry  
County Administrator

cc: Board of County Commissioners  
Alphonso Jefferson, Jr., Assistant County Administrator  
Brett Bayag, Acting Director, Office of Regional Communications and Technology
April 3, 2017

Dr. Wazir Ishmael, City Manager
City of Hollywood
P.O. Box 229045
Hollywood, FL 33022-9045

Dear Dr. Ishmael:

Subject: Follow-up on Discussion Regarding Radio Tower Sites in the City of Hollywood

As you are aware, Broward County has embarked on the replacement of its 25 year old radio communication network with a more state of the art digital system that allows for future expansion to accommodate the growing population of our County. The design and location of tower sites were selected to ensure that we achieve the requirements for optimal coverage.

From our meeting on February 21, 2017, please allow this letter to follow up on the discussion regarding two alternative radio tower sites proposed by the City of Hollywood: (City Storage Facility-69th Ave & Sheridan and City FR training Site – 56th street). These alternate sites were reviewed with our consultant, Mission Critical Partners. Unfortunately, they do not meet the specifications needed.

Based on the radio coverage analysis that was performed by Mission Critical Partners, the ideal locations for the radio tower sites are listed below, and a copy of the presentation that was previously given to City officials is attached:

1. West Lake Park – 1200 Sheridan St
2. County’s WWS Plant – SW 49 Ct and SW 40th Ave

These tower sites are needed to properly cover the City of Hollywood and address current dead spots along the oceanfront, high rise buildings, and western parts of the City. The following are some specifics of the tower sites:

- 300 ft. high towers are desired for optimal system performance for Hollywood and surrounding users
- Top mounted candelabra for multiple antennas
- 325 ft. total height with antennas
- Lattice self-supporting tower for capacity
- Equipment shelter at tower base
Dr. Wazir Ishmael, City Manager
City of Hollywood, Florida
April 3, 2017

We are in negotiations with Motorola Solutions, Inc. on a contract for the replacement of the existing radio system. Once this contract is finalized and approved by the Board of County Commissioners, we will be finalizing the technical designs, radio tower sites, and implementation timeline for the new radio system; thus, time is of the essence.

We look forward to working with the City of Hollywood on these tower sites. If you have any questions, please contact me or Alphonso Jefferson, Jr., Assistant County Administrator at 954-357-7352 or via email at ajefferson@broward.org.

Sincerely,

Bertha Henry
County Administrator

Attachment

cc: Board of County Commissioners
    Alphonso Jefferson, Jr., Assistant County Administrator
    Brett Bayag, Acting Director, Office of Regional Communications and Technology
Mission Critical Partners

Committed to Earning Your TRUST

Broward County Public Safety Radio System

Hollywood Proposed P25 Tower Sites

Your Life Safety Mission Is Our Passion

MCP911.com
Current Tower Sites

M

Public Safety Communication Consultants

Your Life Safety Mission Is Our Passion

MCP911.com
Proposed and Current Towers

Broward County, FL
Tower Heights

Legend
- Existing Tower Heights
- New Tower Heights

Public Safety Communication Consultants
Your Life Safety Mission Is Our Passion
MCP911.com
Public Safety Radio Towers

- The P25 Radio System will require 2 locations in Hollywood

- Proposed candidate sites:
  - West Lake Park – Oceanfront Coverage
  - Water and Waste Water plant – Western Coverage
    - Hollywood Fire Training Academy- Option for Water and Waste Water plant
    - Vehicle Storage Facility – Existing tower – Option for Waste Water Plant

- Two towers are needed to properly cover the City of Hollywood and eliminate current dead spots along the oceanfront, high rise buildings and western parts of the City

- Towers will provide coverage for City’s Public Safety First Responders (Police, Fire, EMS)

- 300 ft high towers are desired for optimal system performance for Hollywood and surrounding users
  - Top mounted candelabra for multiple antennas
  - 325 ft total height with antennas
  - Lattice self supporting tower for capacity
  - Equipment shelter at tower base
Proposed Hollywood Tower Sites
West Lake Park Site Location
County's Waste Water Plant Site Location Option for Western Coverage
Hollywood Fire Rescue Training Facility Location – Option for Western Coverage
Hollywood Vehicle Storage Location
Option for Western Coverage
Tower Site Details

- 75' x 75' Fenced Compound
- 300 ft Self-Supporting Tower
- 20' x 24' Prefabricated Shelter
- Generator
- Parking Area
- Compound Totally Fenced
- Pervious Stone and Weed Barrier
Site Layout

MCP911.com

Your Life Safety Mission Is Our Passion
Coverage using County’s Waste Water Location Indoors – Heavy Building
Coverage Using City’s Vehicle Storage Location
Indoors – Heavy Building
Coverage using Fire Rescue Training Location
Indoors – Heavy Building

Public Safety Communication Consultants

Your Life Safety Mission Is Our Passion

MCP911.com
West Lake Tower Rendering
View From Coolidge Street
West Lake Tower Rendering
View From Homes on East Side of the Lake
County’s Water Plant Rendering
From Houses on East
Questions & Discussion