Appendix P

Long Beach Fire Department
Service Information

CITY OF LONG BEACH

FIRE DEPARTMENT

3205 Lakewood Boulevard • Long Beach, CA 90808-1733 • Telephone (562) 570-2500 • FAX (562) 570-2506

MICHAEL DuREE
FIRE CHIEF

January 3, 2017

Stephanie Eyestone-Jones
Eyestone Environmental
6701 Center Drive West, Suite 900
Los Angeles, CA 90045

Dear Ms. Eyestone-Jones,

The Long Beach Fire Department has reviewed your letter dated December 12, 2016, regarding the 2nd and PCH Project. Per your letter, I am providing you responses below to your requests for information regarding impacts to the Long Beach Fire Department's fire protection and emergency services.

• Existing staffing levels (e.g., Captains, Lieutenants, firefighters, paramedics, EMTs, Haz Mat-trained personnel) for each fire station serving the Project Site; • Equipment for each fire station serving the Project Site, including number of engines, trucks, rescue ambulances, etc.;

All LBFD personnel are trained to EMT and Haz Mat-First Responder Operations (FRO). Paramedic Assessment Units (PAU) are fire engines staffed with 3 Firefighter/EMTs and 1 Firefighter/Paramedic. Rescues are staffed with two firefighter/Paramedics

- Station 8; 1.2 miles to project site
  - **Engine 8 (PAU)**; 1 Captain, 1 Engineer, 1 Firefighter, 1 Firefighter/Paramedic
- Station 14; 1.9 miles to project site
  - **Engine 14**, 1 Captain, 1 Engineer, 2 Firefighters,
  - **Battalion Chief 2**; 1 Battalion Chief
  - **Rescue 14;** 2 Paramedic/Firefighters
- Station 4; 2.8 miles to project site
  - **Engine 4 (PAU);** 1 Captain, 1 Engineer, 1 Firefighter, 1 Firefighter/Paramedic
- Station 22; 3.3 miles to project site
  - **Engine 22(PAU);** 1 Captain, 1 Engineer, 1 Firefighter, 1 Firefighter/Paramedic
- Station 17; 3.6 miles to project site
  - **Truck 17(PAU);** 1 Captain, 1 Engineer, 1 Firefighter, 1 Firefighter/Paramedic
- Station 18; 5.3 miles to project site
  - **Rescue 18;** 2 Paramedic/Firefighters

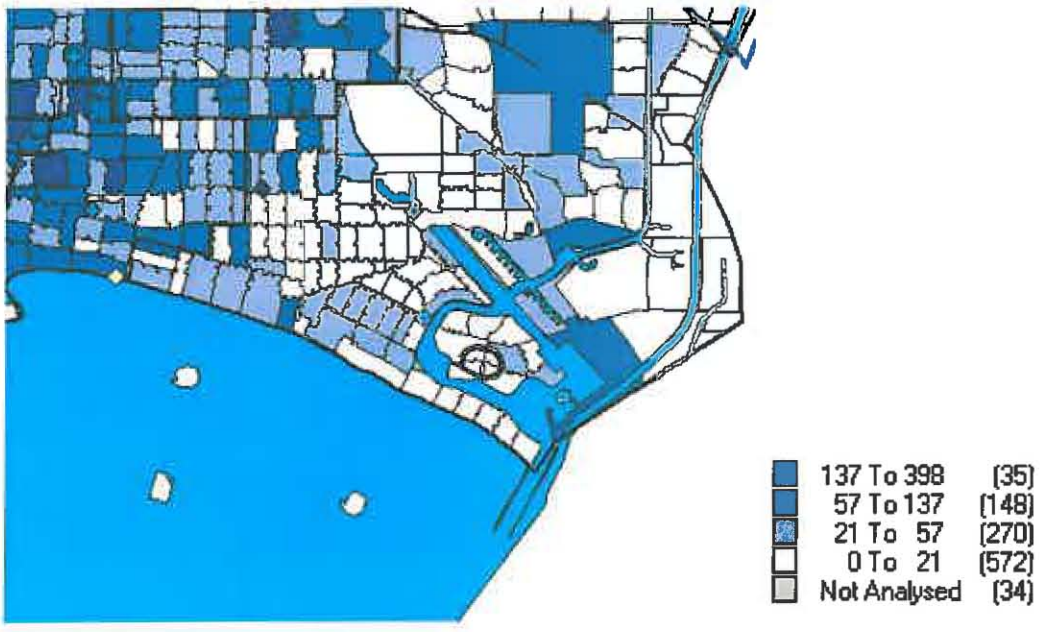
• A description of any plans by LBFD to construct new or expand existing fire stations that would serve the Project;

• A description of any plans by LBFD to construct new or expand existing fire stations that would serve the Project;

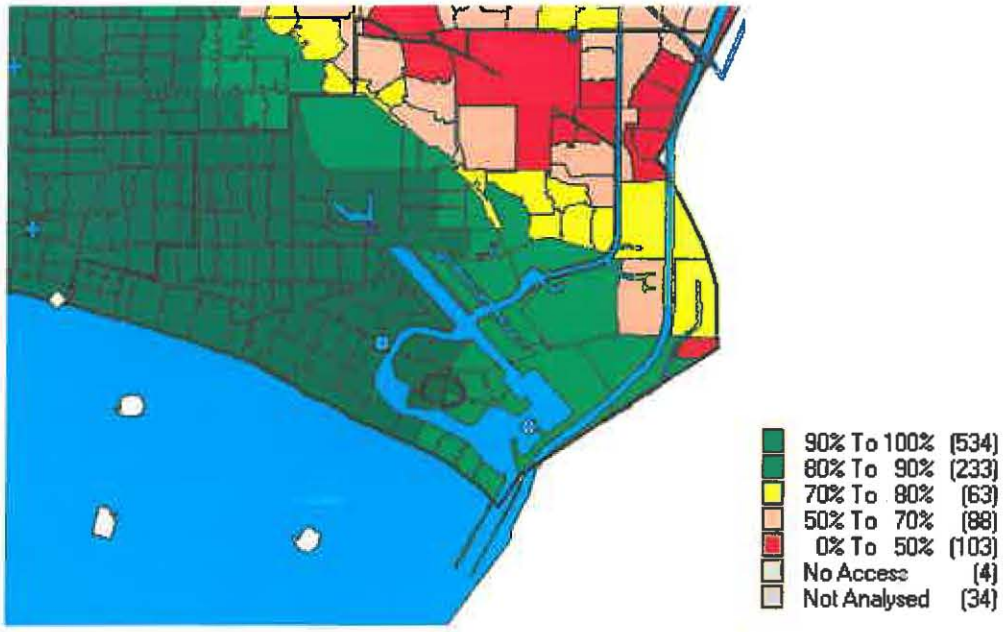
The City of Long Beach Fire Service Review conducted by Tri Data (complete info below), indicated the need for an additional Paramedic Rescue at Fire Station 22 (Final Report pg 91). This recommendation shows the need for an additional rescue servicing the southeast area of Long Beach based on response data from 2005. The Tri Data study, combined with the assumption of increased visitor population and traffic density of the proposed development location and the recent announcement by the Orange County Fire Authority that they will no longer staff transport capable ALS Units that would respond into the area for automatic aid, show a high need for increased ALS service in the area. Staffing an additional rescue at Fire Station 22 would provide coverage for the immediate area and would serve to bolster the City wide system by providing backup to the other units in east Long Beach. If Rescue 22 was added to the system, Rescue 14 would be moved to station 4 as per recommendation #14 in the study (Final Report pg 95).

• Indication of whether the response times and distances for each fire station serving the Project Site meet the performance standards of LBFD;

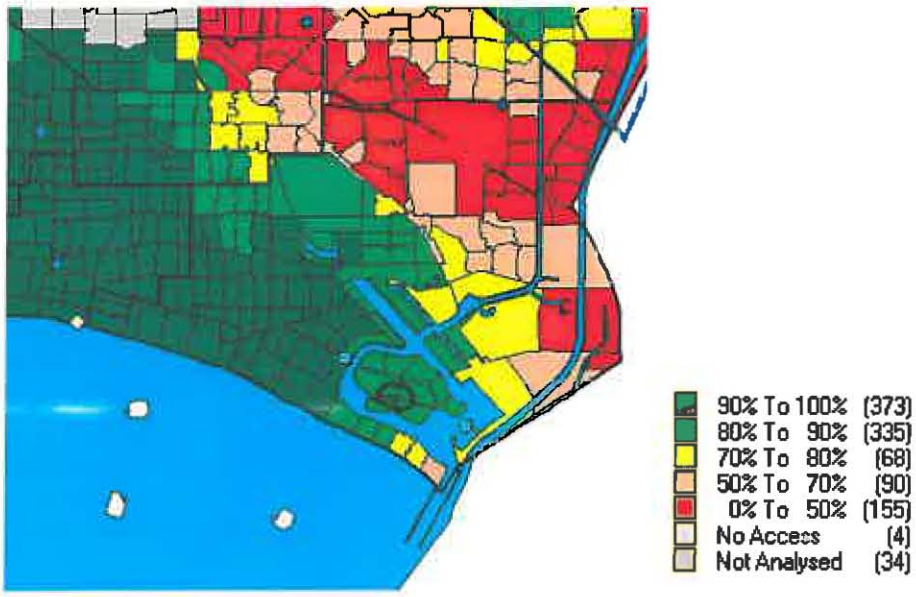
The map data below show the percentage of response times and workload for the project site. A performance standard of 8 minutes for Advanced Life Support (ALS) resource arrival is the Long Beach Fire Department benchmark (Final Report pg 69).



Workload (response volume). ALS Response



First ALS Transport Unit Travel time percentage performance =< 8:00 minute



FULL SCOPE ALS (1 Engine, 1 ALS Rescue) <=8:00 minute percentage

Map and statistical info from ADAM base deployment as of July 2016, MapInfo Professional V 7.0 Release Build 22, run date 12/28/16.

Final Report: Fire Services Review, City of Long Beach CA, Submitted by Tri Data, a Division of System Planning Corporation, Arlington Virginia; and Public Financial Management, San Francisco, CA.

• Fire access requirements (including ingress/egress, turning radii, driveway width, grading, etc.);

Fire apparatus access roads shall have an unobstructed width of not less than 26 feet, a minimum inside turning radius of 28 feet and an unobstructed vertical clearance of 15 feet. Also, the roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving capabilities

• The fire flow, hydrant, and residual water pressure requirements for the Project;

Fire flow requirements are per the California Fire Code (CFC) Appendix B with a maximum 50% reduction in fire flow, and are based on the largest single structure and the type of construction.

Fire hydrants requirements are per the CFC Appendix C.

Please let me know if you have any questions.

Sincerely,

David Zinnen
Deputy Fire Marshal