



# Fire Rescue Facility Siting & Layout

March 21, 2019



# Prior Evaluation of City Fire Rescue Department

- Considered fire department operations and locations of fire stations, apparatus and staffing levels
- Based on current and near-term demands, made two recommendations to improve overall responses
- Final Report presented at a public meeting of City Commission

# Comparative Analysis

*“The City is well-served by it’s Fire Department”*

Figure 67: Benchmark & Comparative Response Time Components for Oakland Park

Call Category	Average Travel Time	90 <sup>th</sup> Percentile Travel Time	CFAI <sup>14</sup> 90 <sup>th</sup> Percentile Urban Travel Time	CFAI <sup>15</sup> 90 <sup>th</sup> Percentile Suburban Travel Time	CFAI <sup>16</sup> 90 <sup>th</sup> Percentile Rural Travel Time	NFPA 1710 <sup>17</sup> 90 <sup>th</sup> Percentile BLS Travel Time	NFPA 1710 <sup>18</sup> 90 <sup>th</sup> Percentile ALS Travel Time	USFA <sup>19</sup> 90 <sup>th</sup> Percentile Turnout and Travel
Fire	4:15	6:33	5:12	6:30	13:00	4:00	–	10:59
EMS	4:05	6:07	5:12	6:30	13:00	–	8:00	10:59

# Nearest Unit Responses for Life Threatening Events

Broward County's Charter provides language that led to the development of a regional 911 system. The origin of that charter language was intended to facilitate the response of the closest fire rescue vehicle to any life-threatening emergency, regardless of jurisdictional.

In particular, GIS modeling demonstrates the greatest benefit is derived from Fort Lauderdale's Station #35 located at 1969 E. Commercial Blvd.

The City should consider strengthening its' relationship with Fort Lauderdale to appropriately use Station 35. This enhancement can be a cost-effective approach to improve responses in the eastern part of the city, especially areas east of the railroad tracks.

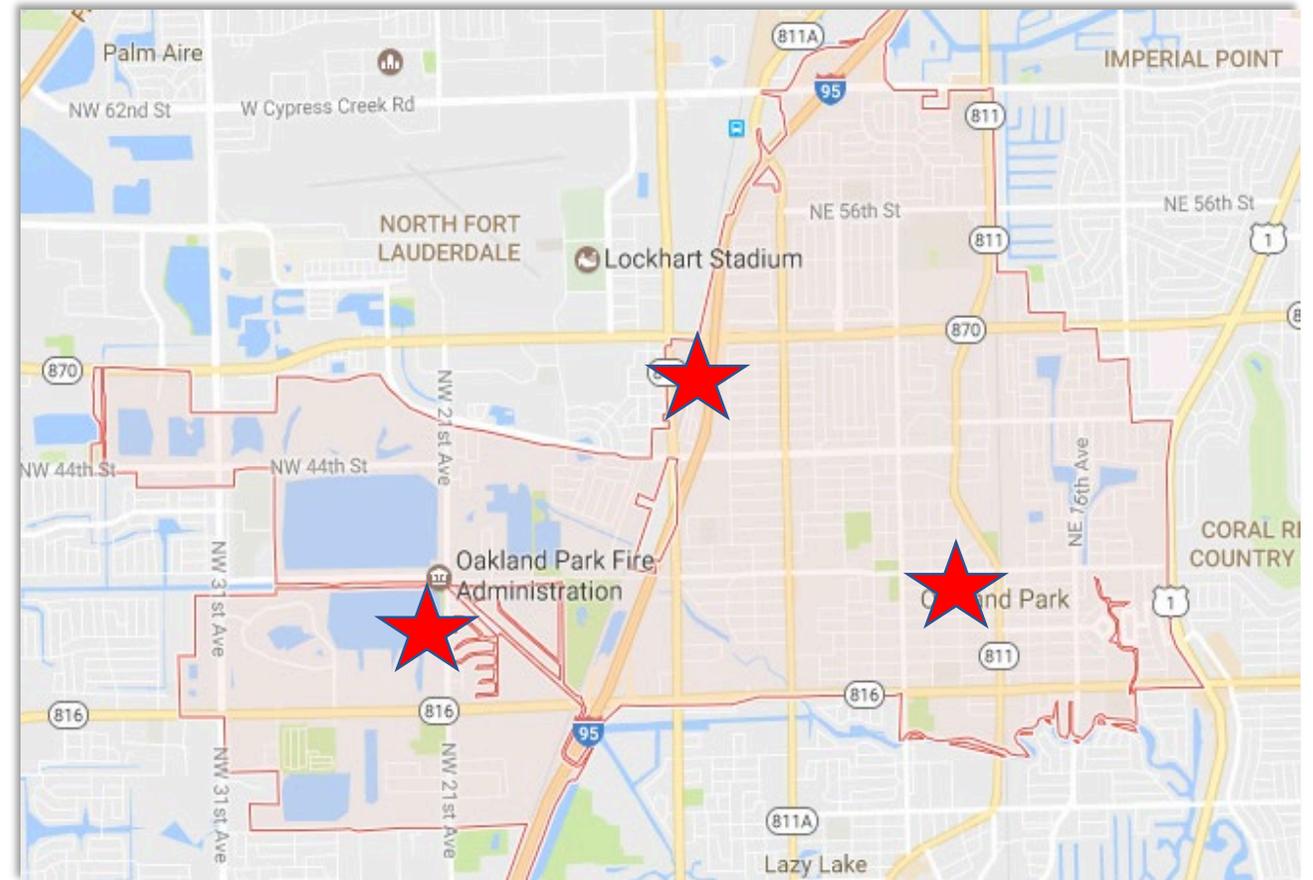
## Consider Placing Into CIP the Replacement / Upgrade of Fire Stations

GIS analysis indicates the City current fire station locations serve them well – though Station #20's current site is challenging

Recognizing the timeframe to identify needs, determine funding, engage design and construction professionals, the City should consider placing the fire station program into their capital improvement plan (CIP).

# Overview of Current Stations

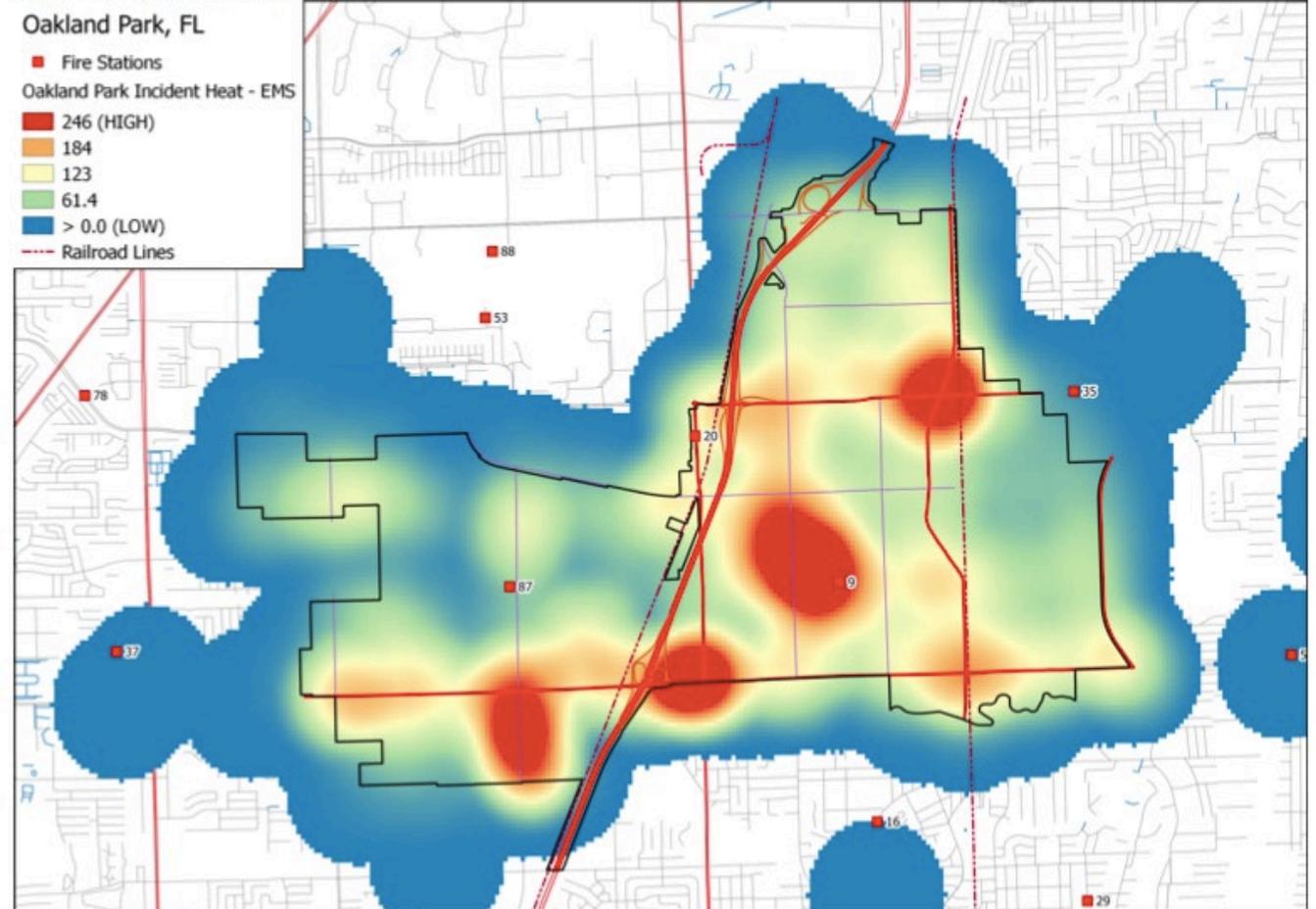
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# Where Incidents Occur

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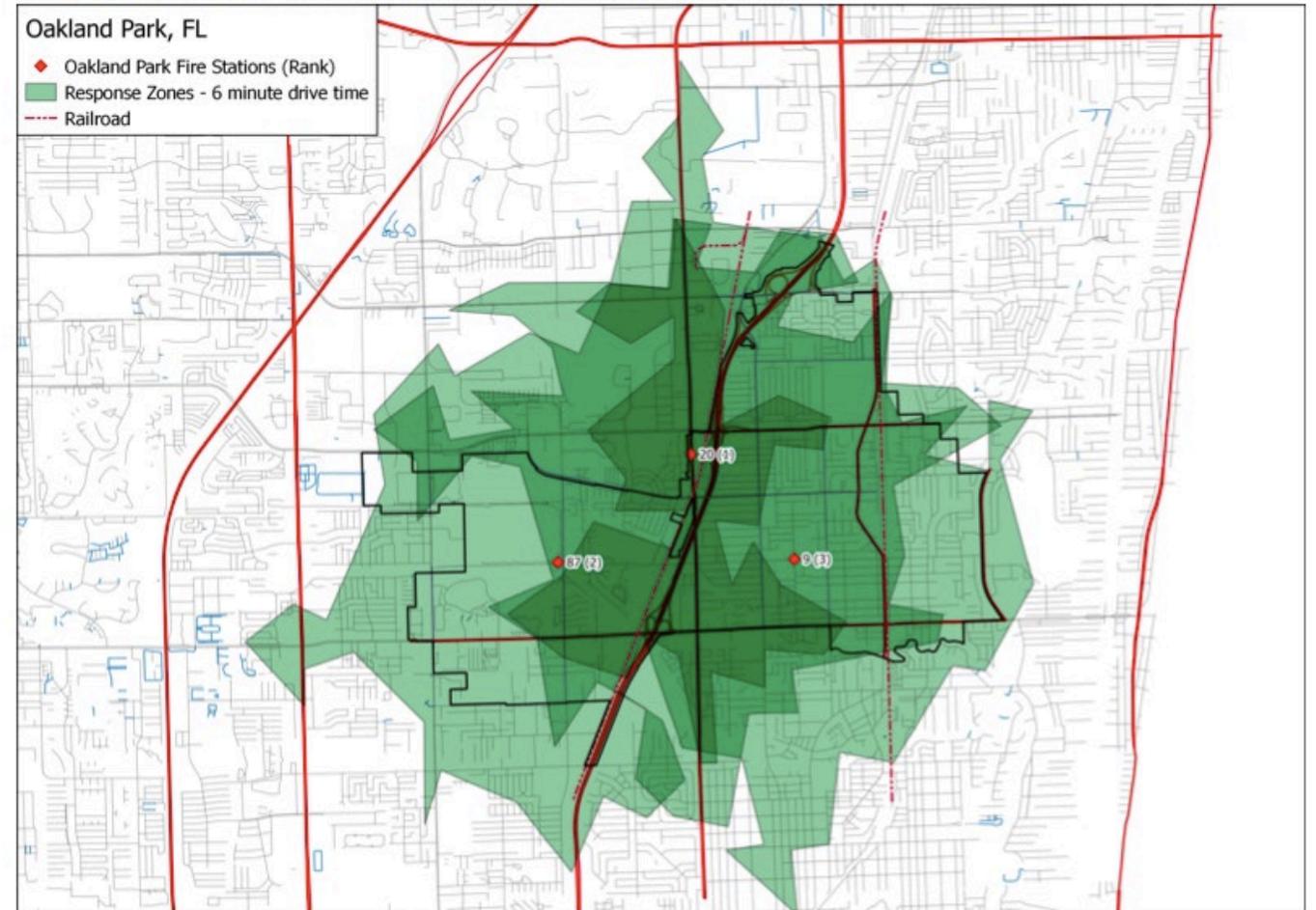
Figure 34: EMS Heat Map



# GIS Modeling

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Figure 58: Oakland Park Stations Only - 6 Minute Drive Time



Marginal  
Utility  
Modeling

Rank	PostCapture	TotalCapture	PercentCapture
87	7772	7772	94.64%
9	351	8123	98.92%
20	72	8195	99.79%

# CITY FACILITIES



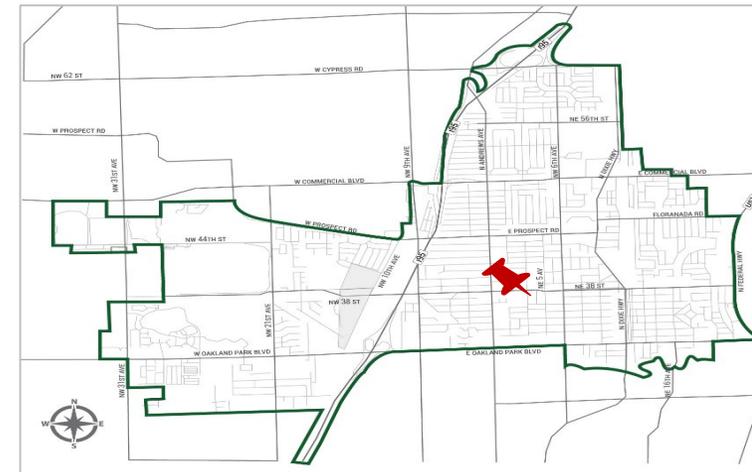
## Fire Station 9



**Year Built:**  
1967

**Scope:** New Construction;  
Building will include Fire Rescue Administrative Offices

**Current Location:**  
301 NE 38<sup>th</sup> Street







## Fire Station 20



**Year Built:**  
1968

**Scope:** New  
Construction  
**Location:** TBD

**Current Location:**  
4721 NW 9<sup>th</sup> Avenue

