



# **BALTIMORE CITY FIRE DEPARTMENT**

## **Truck 25**

**Truck 25 & Engine 44**

**Roland Park**

**2 Upland Road**

**Baltimore, Maryland 21210**



The station of Engine 44 was designed by Wyatt and Nolting Architects and constructed in 1895.

It opened as Baltimore County Fire Station 11 and was used concurrently as a Baltimore County police station.

In 1919, Baltimore City annexed approximately 60 square miles of Baltimore County and Anne Arundel County. The Community of Roland Park was part of this annexation.



On July 1, 1919 Baltimore County Fire Station 11 became Baltimore City Engine 44 as part of the City's annexation. Other County stations that were part of the annexation were Highlandtown Station 8, Gardenville Station 9.

On November 6, 1926 Truck Company 25 was organized and placed in service at the quarters of Engine 44.



# Dimensions



## Truck 25

8 ft. wide and 9 FT 9.25 IN. Height



## Bay Area

Maximum clearance





Since 2008 the City has invested over 100K in repairs and improvements, not limited to:

-Electrical Upgrades

- Exhaust removal system for apparatus
- Lead study and abatement
- Window dormers
- Mortar joints
- Installation of overhead doors



The Roland Park community graciously donated funds for a new kitchen and sitting room.

We are in the process of replacing the roof at an anticipated cost is not yet determined.

There are considerable additional repairs that will have to be made after the roof replacement.





## T25 Ladder Clearance



- The photo shows the distance between the lowest point (door header) in the ceiling (red area) and the top of the ladder when the truck is in the station (gray bottom area).





- It should be noted that the entry angle utilized by T25 allows for an approximate 1 ¾ inch clearance. The maximum 10 foot clearance reflects the variations in the surface grade.
- When T25 is out for maintenance there is no other Truck in the fleet that can fit in T25.





## T25 Replacement Efforts



In FY2016 BCFD began the process to replace T25 with a new ladder truck.

Due to the dimensions of the stations it was necessary to develop customized specifications that resulted in higher costs

Only one vendor responded to our request for a lower profile ladder truck at a final cost of \$1.1 million (\$220K more than a non custom truck)

The height of the new truck is 10 ft. 1 in.



# New custom-built T25



## Pros

- New piece of apparatus and warranty



# New custom-built T25



## Cons

- The height of the truck will be 10 ft. 1 in. with less than an inch clearance adjustment for the entry angle
- Loss of ladder reach (going from 100 ft. to 88 ft.)



# New custom-built T25



## Cons

- Loss of equipment and compartment space
- Cannot use snow chains on tires
- Any changes in sidewalk, bay floor or driveway grade prevents truck access to bay



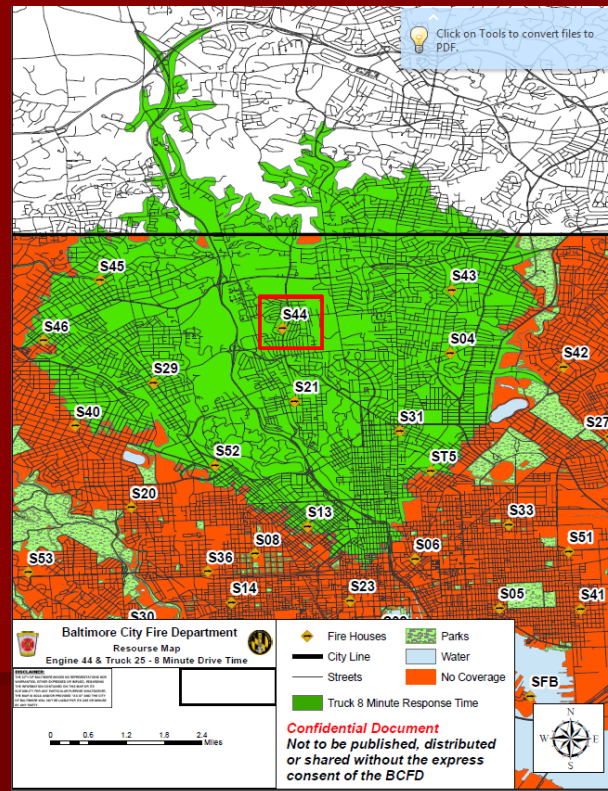
# Operational Changes



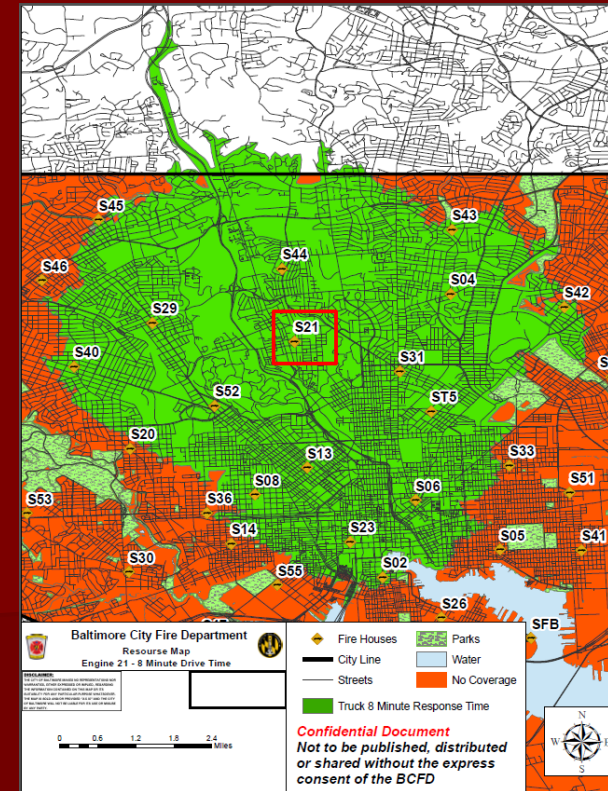
# STATION COVERAGE CAPABILITY



**T25 - 8 minute response  
coverage from current  
location**



**T25 - 8 minute response  
coverage from E21**







# Response Data



## Calendar Year 2016 Response Data

- **Station of E21:**

EMS Responses:	1963
Suppression Responses:	553
Actual Fires:	24
- **Station of E44 -T25:**

EMS Responses:	1371
Suppression Responses:	573
Actual Fires:	22



# Current Locations of Apparatus



Station of E44 & T25



2 Upland Road

Station of E21 & M19



3724 Roland Avenue



# 2 Upland Road

## Current Apparatus



Engine 44



Truck 25





# 2 Upland Road



## Future Apparatus



Engine 44



Medic 19



# 3724 Roland Avenue



## Current Apparatus



Engine 21



Medic 19





# 3724 Roland Avenue



## Future Apparatus



Engine 21

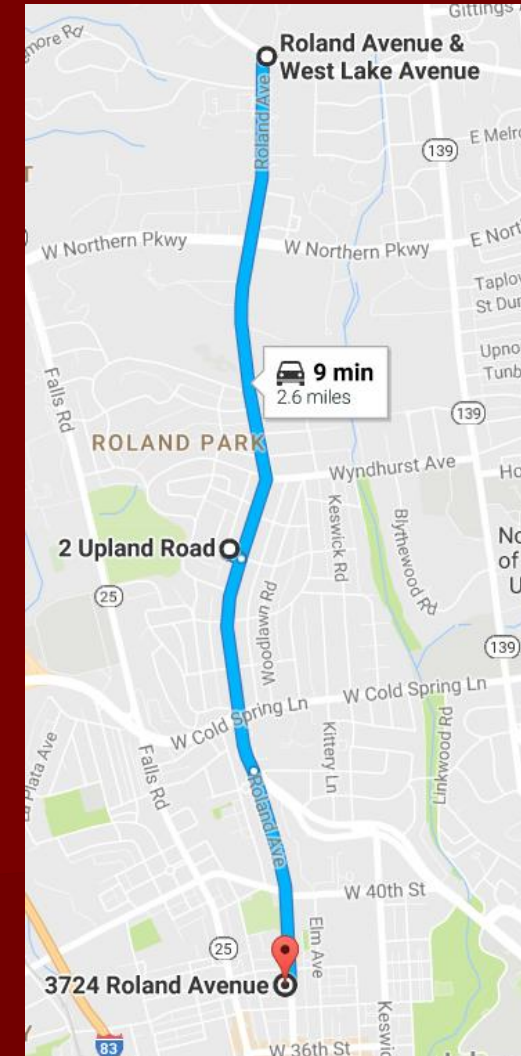
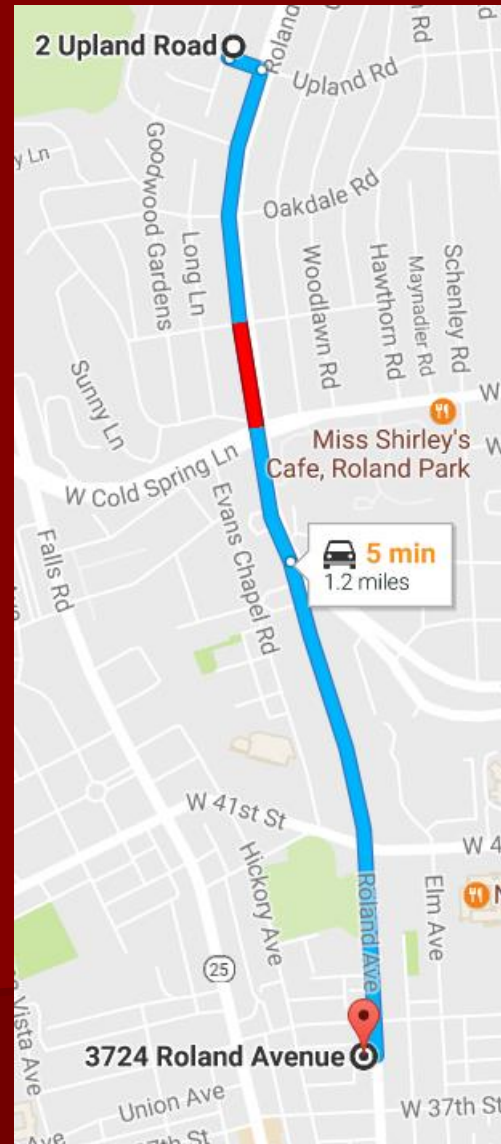
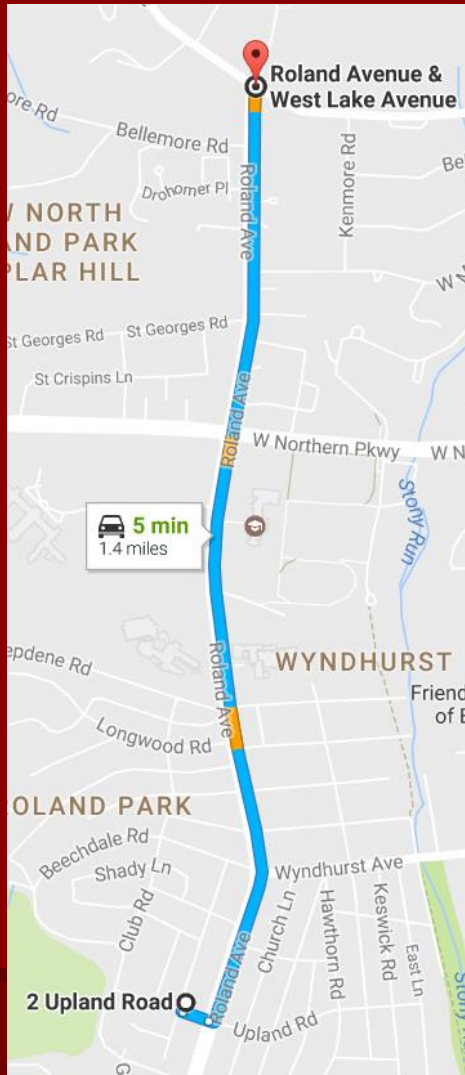


New Truck 25





# Response Routes





# Questions