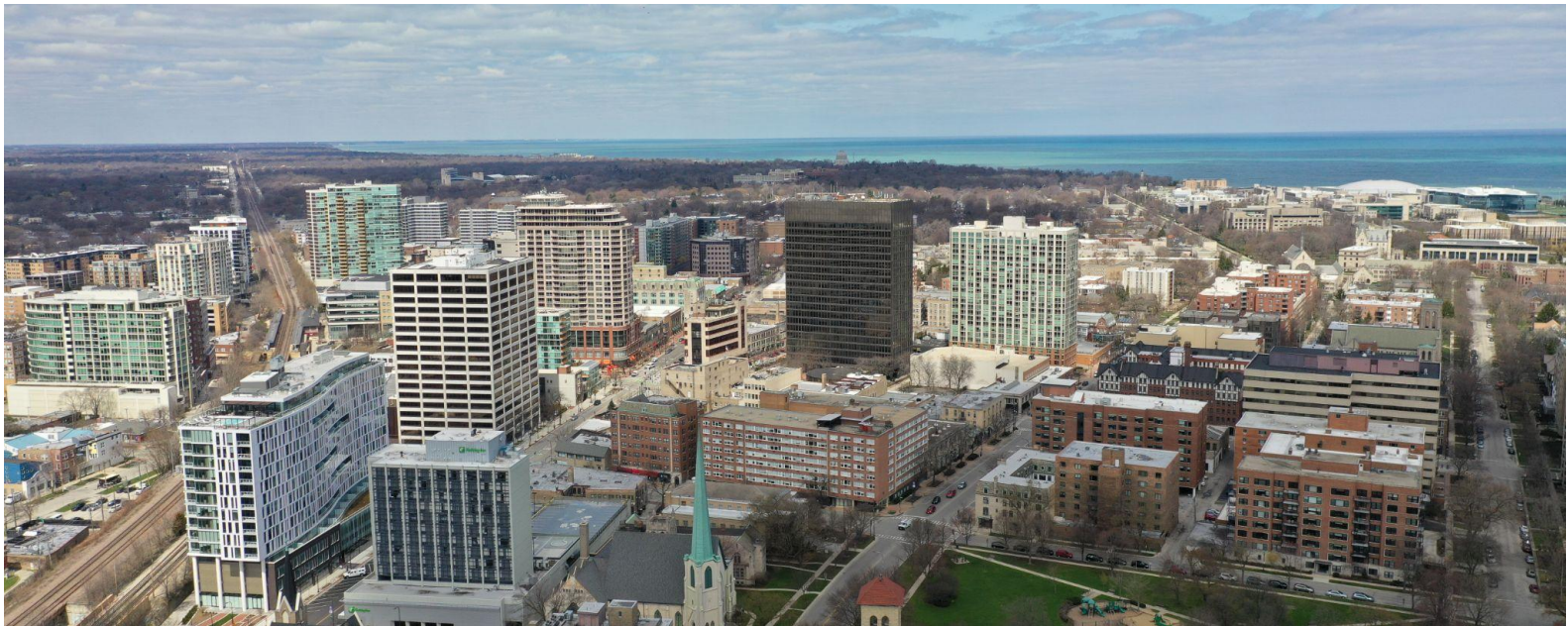


Fire Truck Replacement with Tower Truck



March, 2024

City of Evanston: 7.9 square miles
Population: 77,517 as of 2021

Evanston Fire 2023 responses: 11,614 incidents
8051 EMS incidents
3563 Fire/Other incidents





Definitions

Straight truck: A 100' ladder truck with NO basket at the tip of the ladder



Tower truck: A 100' ladder truck with a basket (Platform)





What is a ladder truck, and what does it do?

Vertical access

Rescue operations

Ventilation

Exterior firefighting

Special rescue

Overall, ladder trucks are essential components of a fire department's fleet, enabling firefighters to effectively respond to a wide range of emergency situations involving fires, rescues, and other hazards in both urban and suburban environments.



Station 3

- **Truck 23**
- Engine 23
- Ambulance 23

Truck 23 is a 2015 Pierce 100' tiller ladder truck with a straight stick. (9 years old)

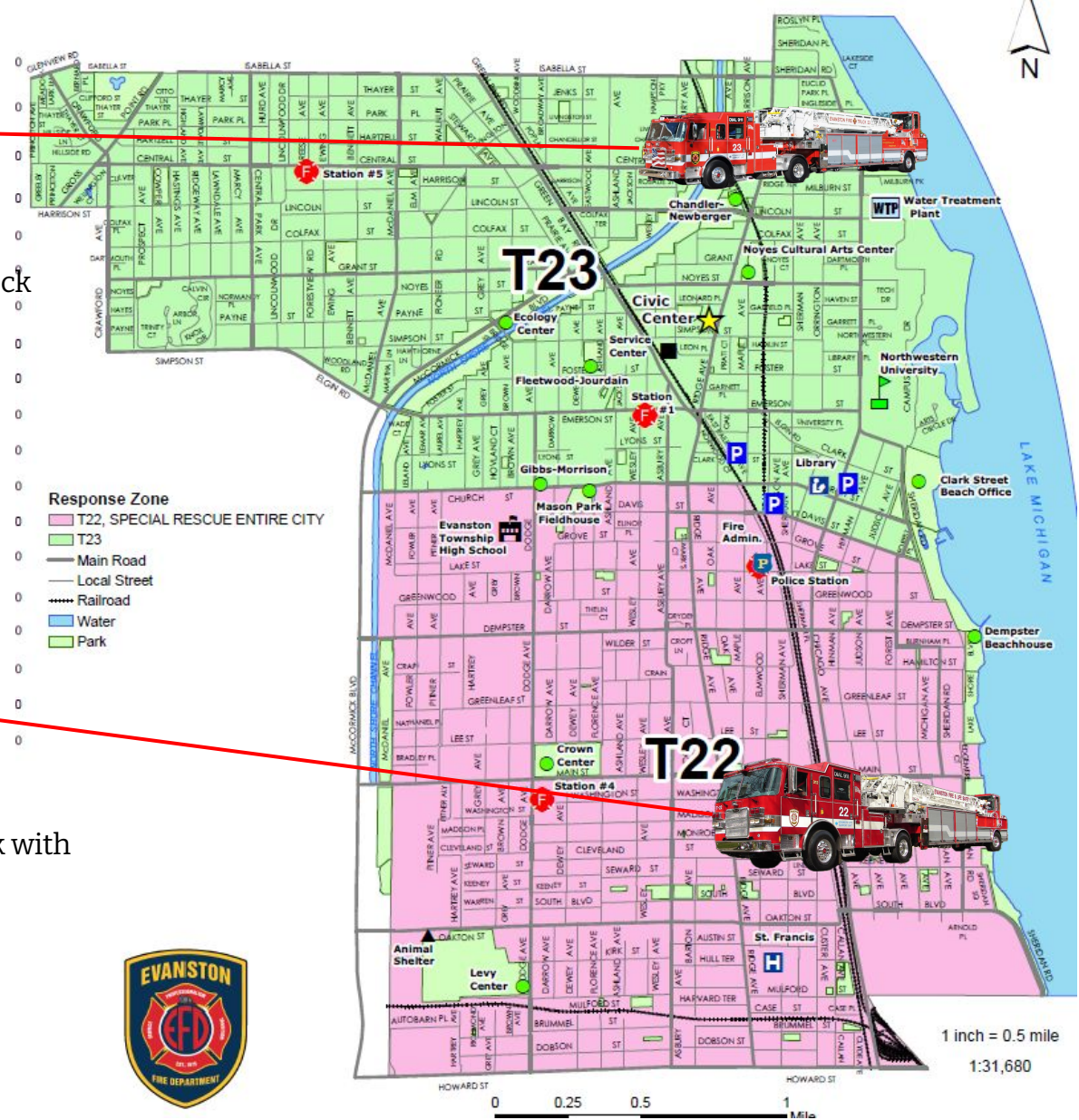
- In 2023 Truck 23 responded to 1710 incidents
- Compared to 1123 incidents in 2013

Station 2

- **Truck 22**
- Engine 22
- Ambulance 22

Truck 22 is a 2011 Pierce 100' tiller ladder truck with a straight stick. (13 years old)

- In 2023 Truck 22 responded to 1420 incidents
- Compared to 1044 incidents in 2013





Evanston Fire Department current situation

1. Reserve Straight truck 311 (Ladder) in Weyauwega WI since November 2023 for major repairs. The initial estimated cost for repairs \$130K
2. Recently learned from MacQueen (Pierce dealer) that our reserve truck 311 needs over \$240K additional dollars for repairs to the frame rails.
3. Front line straight tiller truck 23 (Ladder) in service at fire station 3
4. Front line straight tiller truck 22 (Ladder) in service at fire station 2.
5. Currently borrowing a Skokie reserve straight truck (Ladder) while repairs are being made to our front line trucks.
6. Evanston Fire Department is now only left with 2 frontline trucks, and having to borrow from other municipalities if a truck goes OOS.

Our Reserve Truck



- Reserve Truck 311 is a 2006 Pierce 100' rear mount ladder truck with a straight stick acquired in 2021.
- This truck replaced a 1990 Pierce 100' rear mount straight stick, which was in service from 1998 until 2021.
- It should be noted that Evanston Foreign Fire Tax Board contributed \$50K in 1998 to purchase the 1990 straight stick at a total cost of \$263K
- In 2021 the Evanston Foreign Fire Tax Board split the cost of \$165K with the city, to purchase a 2006 Pierce straight stick.

It is important that the department maintains a reserve truck in order to always have two trucks in service at all times, for the safety of our community and our members.

Proposed Plan



1. To purchase a Pierce Mid-Mount Tower (Basket) Ladder for 2.3 million dollars (4 year build industry standard)
2. Sell or trade the current reserve straight truck (currently in Weyauwega, WI)
3. Place Truck 22 (2011) in a reserve status once the new truck arrives



Why a Mid-Mount Tower (Basket)

Meets height restrictions (11' 1") for navigating all of our viaducts

Meets EFD length (43') for navigating our streets

Provides a basket to operate from

Provides operational versatility in our aerial fleet

- Rescues
- High angle
- Firefighting

A safer aerial overall



100

All-New Ascendant®

100' Heavy-Duty Single Trucks



How MacQueen is willing to help



- Completely absorbing the cost of \$50,000 dollar for dismantling the reserve truck in Weyauwega, WI.
- Securing a 12-14 month build time for a new Mid-Mount Tower ladder to the EFD specifications. (Unprecedented)
- Possibly providing EFD with an option to rent a 75' straight truck at a discounted price during the manufacturing of the new Mid-Mount.
- A prepay discount for the new Mid-Mount. Approximately \$80k-\$100K