



**TRUCK 5 REPLACEMENT**

**BONDED – CAPITAL FY 22**

# Truck 5 – Purchased 2003 (Pierce Dash)

- 105' rear mounted aerial, hard piped master stream truck
- Responds to all Wilton call involving commercial alarms, structure fires, carbon monoxide alarms, chimney fires, all calls in hydranted areas of town (additional PD resource-MVA).
- 1st due for all Wilton rescue calls – motor vehicle accidents, extrications, water rescue, elevator rescue, ALL technical rescue etc.
- Rapid Intervention – mutual aid



# Options reviewed (vs. a purchase)

Rechassis or Refurbish Current Apparatus – considered

- No warranty on anything but new chassis (replacement – complete warranty)
- Cost of body work on 17 year old Truck, unforeseen repairs – quickly eat up any savings.
  - If ladder is remounted – need to brought up to CURRENT NFPA Standards + additional safety equipment
    - Replacement of all hydraulic and electrical
    - Truck will be OUT OF SERVICE for over 12 months.
  - Current set up losing its manufacturer support (All-Steer)
  - Rechassis – Cost - \$1.08 M. (not including any other repairs/replacement)

Overall, cost of a refurb/rechassis of a 17 year old **truck could cost more** than replacement Aerial



# Options reviewed (vs. a purchase)

Purchase benefits- that also have a **long term** cost impact-

- Frontal and side roll protection (air bags) on a new truck
- HAAS alert system that comes standard on most new trucks. This is a collision mitigation system to help with eliminating apparatus accidents
- Electronic stability control to help eliminate rollover accidents
- Clean cab options to help with exposure to carcinogens
- Rung lighting for improved safety when climbing
- Less overall maintenance costs on the aerial device itself



## Aerial Device – Maintenance Requirements

Simplify Maintenance	Only Lubrication Requirements
Stainless steel pins	Ladder section Quarterly/25 hours
Composite sheaves	Waterway slip tube
Greaseless trunion bearings on hydraulic cylinders	Rotation bearing



# Cost Savings associated with Purchase

- trade in/sale on current Truck 5 up to 125k (none if rechassis/refurbish)
- If going with similar layout, build – cost could be approximately 1.3 M.
- (Fairfield FD, Naugatuck FD – similar with pumps – higher cost)
- Possible prepayment discounts



# Additional potential savings on FY number



- Intention is to use much of the equipment on current T-5
- Warranty
- No All-Steer component anticipated – cost savings from 1.6
- No pump anticipated – cost savings from 1.6
- Possible demo unit currently in production
- Intended useful life expectancy over 20 years

