

Carlisle Fire Engine Replacement



Why approve it again this year?

- This is the same engine we approved last year
- Purchasing an engine to be built 3-4 years from now
- Notified late that new emissions rules would be in effect with unknown cost
- After Town Meeting, informed that cost to meet emissions would likely exceed amount we voted for
- At this time, status of new emissions laws are not certain
- This vote allows us to order the engine.
- We will not pay more than required by emissions laws in effect at the time of delivery.

Backup Slides

Current Engine 3

Our first due engine to structure fires.

Goes up the driveway to the building.

Hoses, Tools, Ladders, Manpower deployed from this Engine

Built in 2000

NFPA recommends engines over 15 years old be rebuilt and after 25 years retired.





What has changed in 30 years?

Nationally:

- 82% reduction in the time to exit a fire

 - Room contents contain more BTUs

 - Lightweight construction

- 70% larger homes

Locally:

- More private drives and long driveways

- Larger homes

- Multi-family buildings



Proposed replacement engine goals: Made for Carlisle

Shorter, more maneuverable

Hose deployment designed for larger homes

As much water as feasible + Class A foam

Driver/operator aids

Enclosed ladders, hard suction

Modern safety features



Projected purchase

Expected 3 year build/delivery time (2027)

Current Engine 3 traded in/sold

