REPLACEMENT STRATEGY SUMMARY:
Rather than relying solely on age, the proposed schedule is based on **operational criticality, usage, risk exposure, and firefighter safety**.

Type 1 Engine (2009) - Highest Priority

- Primary first-out engine with continuous use
- Approaching the upper range of recommended frontline service life
- Reliability and safety are critical to emergency response

RECOMMENDED REPLACEMENT TIMEFRAME: 2028-2030
Replacing this engine within this window reduces the risk of mechanical failure, supports firefighter safety, improves grant competitiveness, and allows adequate lead time for specification and procurement.

Type 2 Engine (2000) - Secondary Priority

- Backup engine used intermittently
- Older apparatus with increasing maintenance and parts obsolescence

RECOMMENDED STRATEGY:
Upon delivery of a new Type 1 engine, the current 2009 Type 1 would transition to reserve status, allowing retirement of the 2000 Type 2. This approach maintains redundancy while avoiding unnecessary fleet expansion.

ANTICIPATED RETIREMENT TIMEFRAME: 2032-2035
Type 3 Engine (1997) - Condition-Based

- Limited-use apparatus maintained primarily for CAL FIRE Assistance for Hire revenue
- Not relied upon for primary emergency response

RECOMMENDED APPROACH:
Continue operation on a condition-based basis. Replacement should occur only if major mechanical failure occurs, net revenue becomes unfavorable, or program requirements change.

SUMMARY REPLACEMENT SCHEDULE:

Apparatus	Year	Role	Recommended Action
Type 1	2009	Front-line	Replace in 2028-2030
Type 2	2000	Backup	Retire after Type 1 replacement
Type 3	1997	Revenue	Condition-based replacement

CONCLUSION:
This replacement strategy balances safety, operational readiness, and fiscal responsibility while positioning the District favorably for future grant opportunities. Staff will continue to monitor apparatus condition and return to the Board with funding strategies and procurement recommendations as replacement timelines approach.