

City Hall Elevator Repairs Update

City of Joplin

Council Meeting| March 3, 2025

Brief History



- Elevators 1 & 2 were modernized in 2006
  - Elevators 1 & 2 are built for duplex operation, operating in tandem
  - The code in effect during the modernization was the 1996 elevator code.
  - Drive system no longer available and repairs only
- Elevator 3 is a separate drive and system
  - Elevator 3 was modernized in 2012 and the code in effect was the 2010 code.
- Any replacement must be brought up to 2018 standards





- September 2023, Elevator 1 repairs and troubleshooting started after having multiple operational issues.
- February 2024, ultimately the suspected faulty circuit board replacement was sourced and ordered. Not the issue.
- 2024 saw a series of troubleshooting efforts and attempted repairs, parts and electronic replacements, to no avail
- January 2025, last resort quote ($53,256.00) to remove the drive system and ship overseas to repair with no guarantee will be resolved.
- February 2025,options to modernize all three elevators and costing explored: $500k-$900k.



- Have been receiving various estimates for consideration.
- Funding options being reviewed and specs being developed to include access control
- We could be ready to bid in Spring
- Project completion date: possibly Fall

- Benefits in modernizing and having all systems on same technology and schedule
- Includes regional service and maintenance as part of the package
- Repairs would be done in sequence Elevator 1, 2, then 3
- Only one elevator would be down at a time allowing for other two for normal operation



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Questions?