



From City Council meeting . . . to the Business Council

Prepared by Rich Groves, Executive Director  
North Kansas City Business Council  
June 21, 2022

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Note: As a reminder, the notes below represent topics that, in my judgement, might be of interest to the business community. It does not include everything that was on the agenda.

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## **General Comments**

The City Council was missing three people tonight. Apparently five people is adequate for a quorum.

The Regular Session was rather brief with only a few items needing City Council approval. However, the Work Session was rather interesting – especially if you are considering acquisition of electric vehicles.

## **Work Session – 6:00 p.m.**

### **Electric Vehicle Transition Adoption Plan**

Kyle Derringer, a recent KU MPA graduate who is serving as an Administration Intern for the City of North Kansas City made an excellent presentation that focused on a 2021 Strategic Plan Infrastructure Goal to “Replace NKC vehicles with hybrid/electric vehicles to work toward a “Green Fleet.”

He used some specific examples for the 4 vehicles that are scheduled for replacement whose replacement could possibly be electric or hybrid. Following are some of the key slides in his presentation.

The conclusion by the City Council members present was that additional cost analysis and alternative considerations should be done but showing these options in the FY 2022-23 capital and expense budgets would be a good idea.

If your business is considering a gradual replacement of gas for electric or hybrid vehicles you might want to watch the entire presentation on the City’s YouTube channel.

# Fuel Cost Savings Estimates

	Fuel (\$3.25/gal)	Fuel (\$4.54/gal)	Electric
Cost per week	\$372	\$520	\$336
Cost per year	\$19,351	\$27,031	\$17,520
Savings	<b>\$1,831</b>	<b>\$9,511</b>	

Note: "Electric" projection assumes a 100% recharge every day of the calendar year. In practice, this cost may be much lower.

## What Would Conversion Look Like?

Staff recommends gradual introduction and implementation

- Generally, follow existing replacement schedule
- Focus on items that do not hinder operational integrity
- EV technology is still evolving

## Infrastructure Upgrades

If introduced, necessary infrastructure will need to be purchased and installed:

- AC Charging stations
  - Charging station ancillary equipment
  - Electrical wiring installation
- ▶ Already installed: reconfigured electrical subpanels at Buildings and Grounds facility, and new subpanels at Water Plant (part of renovation)

## Operations Recommendations

To keep maintain operational integrity, operations staff have the following suggestions:

Initial EV purchases recommended to not be used for:

- Emergency Response
- Frequent use outside of standard operating hours (8 a.m. to 5 p.m.)
- Hauling heavy equipment

## Per unit cost:

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AC Chargers: between \$2,000 and \$4,000 each, plus ancillary equipment

- Around 8 hour charging times
- For comparison: DC Supercharger price is \$50,000, plus more infrastructure upgrades

EV pickup trucks: starting at \$39,000+ before fleet pricing

## Total cost estimate:

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Capital Costs:		Yearly Operational Costs:	
Chargers:	\$10,000	Network	\$925
Installation:	\$3,600		
Electrical	\$6,400	Maintenance	\$675
Total:	\$20,000	TOTAL	\$1,600/year



## Other Options

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Gas-powered hybrid vehicles

- No charging infrastructure required

Domestic manufacturers now produce hybrid pickup trucks

Fleet pricing available for both electric and hybrid vehicles

### **Regular Session – 7:00 p.m.**

#### **Resignation of City Council Representative Thomas Bailey**

Due to a personal decision to relocate within North Kansas City from the ward which elected him to another ward he is no longer able to continue as a City Council representative – unless he gets elected to represent his new ward at a future election. This is disappointing because Tom is the Quality Control Manager at Exltube, one of North Kansas City’s larger facilities and larger employers, and he provided a good business perspective on the City Council.

#### **Recognition of Graduates from the First Citizens Academy**

This concept enables residents to learn more about their city and the way the city government operates. It might be a good idea for employees, managers and owners of North Kansas City's 900 businesses to consider sending representatives in a future session. The next class will be in the Fall. Dates have not yet been set.

## Consent Agenda

This portion of the budget gets no discussion since most of the items have previously been discussed. In recent meetings this portion of the agenda seems to be getting more items than in the past. Examples that were approved at this session include: replacement of an ambulance, purchase of furniture for the dispatch office, approval of collective bargaining agreements for the police department and donation of surplus police vehicles to the City.

## Agenda Topics

### Emergency Abatement Update for Old Purina Mill silos

#### Deteriorated Roof and Catwalk



NORTH  
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Significant decay and unsafe conditions are present at these old silos at 1400 Nodaway, located between the railroad tracks which parallel Bedford Road. Although complete demolition is probably inevitable and has been included in the current year budget, notice was given that some unsafe conditions will be repaired and/or made inaccessible to individuals who have been in the buildings. There is evidence of occasional occupancy because of graffiti that has been painted on some of the structures.

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The full agenda for this meeting with links to critical documents is available on the City's website [www.nkc.org](http://www.nkc.org) under the heading of Agendas and Minutes. As always, additional details about City Council agenda topics are often available as attachments on the City's website [www.nkc.org](http://www.nkc.org) and later as <https://www.youtube.com/watch?v=Z-6WpmTG2Ss> part of the approved minutes.