

S. No	Trend Name	Opp. / Challenge	Impacts	Board Recommendation
1	Autonomous cars	50%+ drivers will not be active car drivers	<ol style="list-style-type: none"> 1. Better traffic flow 2. More data being exchanged between car and traffic lights 	<ol style="list-style-type: none"> 1. Build robust IT infrastructure to: <ol style="list-style-type: none"> a. Communicate with the cars b. Record video c. Clarify how autonomous and manual cars share the road 2. Dedicated lanes for autonomous cars 3. All traffic lights hooked to one AI driven neural network that should be able to similar network in sister cities
2	Data velocity & volume increase	Data collection, processing, and intelligence to increase by a factor of Billion	Data will be City's most important resource to serve its citizens	<ol style="list-style-type: none"> 1. Build robust IT infrastructure to have the ability to handle, process, and leverage the data 2. City must incorporate Artificial Intelligence as an essential tool 3. AI driven neural network mentioned above should be linked to sensors from the water, gas, and electric meters
3	Renewable energy sources	Citizens will demand eco-friendly energy source	Renewable energy sources like Solar may account for 25%+ of supply	<ol style="list-style-type: none"> 1. City will have to incorporate Solar into its energy source 2. Negotiate with Oncor to smooth the transition 3. Prepare guidelines for energy efficient homes 4. Revise guidelines for homes to set up solar panels and batteries
4	Rise of virtual government	Every aspect of city service must be designed for smart device capability	Increasing reliance on smart devices will lead to citizens wanting to access almost ALL city services on their device	<ol style="list-style-type: none"> 1. Every aspect of city service must be accessible via a smart phone 2. City IT team should invest in an User Interface (UI) design team 3. Customer service must have video call capability 4. City should be 'listening in' on Social media and be proactive with resolution of issues.
5	Housing will go vertical	Migration into Coppell will continue	Coppell will become a denser city	<ol style="list-style-type: none"> 1. Green space will need to increase while competing for living space 2. Lot sizes for single family homes will decrease 3. 25%+ of single-family homes may be replaced by multi-family homes 4. Residents will want restaurants and grocery stores within walking distance 5. City needs to be ready to address the Parking challenge