

# Technology and Data Accomplishment



**CITY OF HENDERSON**





# METRO-ETHERNET (NEED FOR SPEED PROJECT)

- The City of Henderson has 30 remote locations that require access to the City's data center located at City Hall. These remote locations include Fire Stations, Recreation Centers, Offsite Facilities and Offsite Offices. These remote locations were previously serviced via T1 and Dark Fiber circuits.
- To increase the effectiveness and efficiency of City staff at these remote locations, the network speeds needed to be increased.
- The City negotiated Metro-Ethernet services to increase the speeds to all remote locations.
- Not only has the speed been dramatically increased for each remote location, the entire bandwidth is centrally managed and can be re-allocated amongst remote locations as needed, all at an overall reduced total cost of ownership (saving \$3,000 annually).



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- 6 remote locations were increased from 1.5MB to 5MB
- 8 remote locations were increased from 1.5MB to 20MB
- 7 remote locations were increased from 3MB to 20MB
- 2 remote locations were increased from 4.5MB to 20MB
- 4 remote locations remain on dark fiber at 100MB
- 3 remote 'campus' locations remain on dark fiber
- All remote locations connect to City Hall via a 1GB Metro-E connection.