

**FY 2019-2020 Virginia Beach Budget
Response to Council Questions**

Question Number: FY 20 15

Question: On the slide titled FY20 CIT Increase Requests 3.664 Next Generation Network, 1) what is funding requirement the breakdown between Public Safety and Human Services? 2) What is the risk if Human Services shifts to right? 3) If there are routes that both are served by, what is trade-space generated by stand alone connections to Human Services sites?

Date Requested: February 25th, 2019

Requested By: Councilmember Moss

Department: Information Technology

Response:

- 1) The Next Generation Network project is targeted to add existing city facilities to its fiber network to create redundant paths to ensure continuity of service, to improve connectivity, and to reduce dependencies on leased line service. Based on our strategic partnership with Cox we are able to include sites previously targeted for FY 20 using funds from the current budget year's appropriations. These include: Fire Station 4, EMS 8, DHS Psych Center, Police 4th Precinct, Fire Station 7, and Burton Station Fire. The remaining FY19 and any FY20 funds will be focused on adding resiliency and redundancy to the original segments and critical public safety sites by adding redundant pathways.
- 2) If the intent of the question is to propose reducing or eliminating funding for FY20, the impact would be to slow the roll-out of NGN services to customer agencies and to eliminate redundant network paths exposing locations to single points of failure for outages and/or accidental fiber cuts. In addition, recurring costs would continue for leased line services.
- 3) The intent of our fiber ring is NOT to install standalone connections but to provide a physical and logical redundant path. The attached business case will provide additional context for the answers to these questions.