



## **STAFF REPORT TO THE CITY COUNCIL**

**DATE:** Regular Meeting of June 25, 2019

**TO:** Members of the City Council

**SUBMITTED BY:** Michael Roberts, Public Works Director/City Engineer  
Patrick Tang, City Attorney

**SUBJECT:** Annual Fiber Optic Broadband Report

### **RECOMMENDED ACTION:**

Receive report.

### **FISCAL IMPACT OF RECOMMENDATION:**

As directed by Council at their July 26, 2016 meeting, \$50,000 from the Capital Projects Fund has been set aside for the installation of fiber optic broadband infrastructure within the City rights-of-way as cost effective opportunities arise. To date, opportunities such as joint trench installations or utility borings in streets have not occurred and the \$50,000 remains available.

### **DISCUSSION:**

Staff remains vigilant for cost effective opportunities to build a future fiber backbone. Having the above noted \$50,000 for joint trench fiber optic infrastructure available at the City Manager's discretion ensures the City can be responsive as opportunities occur in the future. Such opportunities typically arise during street resurfacing projects, or street excavation projects involving repair or replacement of existing underground utilities including water, sewer, gas and electricity infrastructure. As part of this process, Council will be updated any time conduit or other fiber infrastructure is installed.

The City Council has recognized the importance of providing high speed broadband access to local residents and businesses. New developments provide an opportunity to provide fiber to the premises ("FTTP") during initial construction. Consistent with Council policy, staff has made it a priority for advanced broadband infrastructure to be included in development plans and approvals. By way of example, conditions of approval for the Leducor project require provision of underground conduit to allow for cost effective build-out of fiber infrastructure. Leducor has confirmed that FTTP will be provided to residents and commercial tenants of their project, with anticipated download speeds of up to 1 gigabyte (1,000 megabytes). The average download speed for traditional cable and phone based internet in the US is 96.25 megabytes (Speedtest.com). High speed data transmission capabilities are

believed to be an important consideration for prospective tenants who need or desire high speed data capacity for business or personal needs.

**ATTACHMENTS:**

Attachment 1 – June 26, 2018 Staff Report

<i>Financial Impact</i>			
<b>Description:</b>			
<b>Funding Source:</b>			
<b>Budget Recap:</b>			
Total Estimated cost:	\$	New Revenue:	\$
Amount Budgeted:	\$	Lost Revenue:	\$
New funding required:	\$	New Personnel:	\$
Council Policy Change: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			