

## Supplementary Budget – Briefing Note

## 2020 Budget

## Engineering Technologist I

**Briefing Note required for:**

-items &gt;\$50,000

-changes in FTE

Dept	Division	Business Unit	Item	Base Supp	Amount	FTE Impact
IES	Engineering & Transportation	16301	Engineering Technologist I Grade 9.6	B	\$115,393	1
IES	Engineering & Transportation	16301	Computer Equipment	S	\$2,662	

**Background:**

In 2014, the Province mandated that all municipalities have an Asset Management Plan (AMP) in place prior to receiving any level of funding. The “Infrastructure for Jobs and Prosperity Act,” passed by the legislature in the spring of 2015, makes asset management planning mandatory for municipal governments.

The Municipality of Chatham-Kent maintains an asset portfolio valued at \$5B. Since amalgamation, the Engineering department has managed asset information in various ways including Microsoft applications, third party software applications and most recently SQL databases.

Benefits of this effort include quicker response time and decision making, in addition to sharing the information with the public and other departments, such as Police and Emergency Services. Access to such data will permit more in-depth analytical analysis and improved decision making on investments which will drive savings over the long term. This work will also provide a very clear picture on the condition of CK infrastructure which is a key indicator in CK Plan 2035.

The Engineering Technologist I position was tested as a 1 year contract 100% dedicated to GIS and the need is there to maintain the position as permanent full time.

**Comment:**

The Engineering Technologist I position will assist in achieving optimum management of infrastructure databases by working in GIS and our SQL databases. This position will input as-built information and confirm existing infrastructure information in our databases. This position will also assist in coordinating and recording future asset data, assisting with GIS data backlog, as-built asset management, transit data management, road & highways project management and in-field data collection.

**Comment:**

This work is critical to the long term success of infrastructure quality and cost within the Municipality. If we are unable to maintain this position, IES will need to allocate resources from existing projects. As a result, the amount of projects completed will decline or additional consultant support will need to be considered.

It is critical that intimate knowledge of our infrastructure is maintained in-house so that we are able to make decisions quickly and confidently with our own internal resources.