ServiceChangeStops Documentation

This script reads in a GTFS feed and compares it to the existing. The output is a list of stops showing the routes for each stop, both before and after, and whether the stop needs to be installed, removed, or have a decal change.

Requisites

* [Python 3](https://www.python.org/)
* [GTFSTK](https://mrcagney.github.io/gtfstk_docs/)
* [Pandas](https://pandas.pydata.org/pandas-docs/stable/)
* [Numpy](https://docs.scipy.org/doc/numpy/)
* [TKInter](https://docs.python.org/3/library/tkinter.html)
* [Jupyter](https://jupyter.org/documentation)/IPython

Usage

1. Run the script. A dialog box will open. Find the GTFS zipfile and the folder that you’d like to save the data to. **TODO: Build as .exe that can be run without downloading requisites.**
2. The script will output an Excel spreadsheet comparing our current published GTFS stops to the new GTFS stops in the output folder.
3. Give the list to Jake so that he make the stops in the ground match the GTFS feed.