Instructions to be followed for traffic management by canny edge detection are as follows:

1. The program uses sample photos for each of the North, East, South and West corridor. So the user first needs to add each dataset folder attached along with the file to the following path in their PCs so as to make the .m file compatible.

“D:\Program Files\Polyspace\R2019a\bin”

1. .m file when run on Matlab would ask for the corridor to be analyzed.
2. User must enter the corridor as either N,W,E or S. Otherwise the program displays ‘other value’ and ends
3. Upon entering the corridor, the program would display the grayscale image of the reference image. The next input required is of the current status of the chosen corridor.
4. If the folders are added to the correct path, the same folder would come up and the user now need to select the chosen corridor’s folder.
5. Inside it would be Images with 3 distinct traffic conditions. Choose the required.
6. Now the program would generate another window, consisting of 2 binary images, the reference and the current canny edge detected images.
7. Along with it, the calculated open time for the corridor would be displayed.