SHRP 2: Project L34: E-tool for Business Processes to Improve Travel Time Reliability

The software in the zip file supports relates to the report "E-tool for Business Processes to Improve Travel Time Reliability," available at https://doi.org/10.17226/22403

Report Description
The research team developed an e-tool that can be used by practitioners for planning, implementing, integrating, and analyzing business processes to improve travel time reliability. From the feedback obtained from the pilot testing, practitioners indicate that the e-tool can help them by providing valuable outputs that can be used by agency business processes to allocate resources and funding to advance operations. Additionally, the agencies acknowledged that the e-tool pilot study sessions provided agencies an opportunity to help identify areas where operations might be improved or better integrated through the business processing mapping portion of its seven-step process. The results of the L34 research project are directly applicable to the SHRP 2 Reliability area's objectives. The e-tool will help state departments of transportations (DOTs), metropolitan planning organizations (MPOs), and local transportation agencies evaluate where they stand with respect to their business processes related to advancing operations and therefore enhancing travel time reliability. The e-tool has the potential to be a valuable application of results of the SHRP 2 Reliability program because it was designed to be intuitive, easy to use, and directly applicable to the business of a state DOT, MPO, or local agency.

Software Description
Three versions of the e-tool are available for download in a zip format. Once downloaded, the file can be unzipped and placed anywhere on a system that is Java capable, or it can be copied onto a flash drive or other media that can be used on a system that is Java capable.

Three files for the e-tool installation are available for download:

1. SHRP2-etool-1.0-Final-Win7: This version can be used by anyone using the Windows 7 or Windows 8 operating system. It is an executable file that will install both the e-tool and the required version of Java. Once installed, a shortcut is created to run the e-tool.

2. SHRP2-etool-1.0-Final-XP-Vista: This version can be used by anyone using the Windows XP or Windows Vista operating system. It is an executable file that will install both the e-tool and the required version of Java. Once installed, a shortcut is created to run the e-tool. It may be necessary to also install the video codecs needed for watching the videos on an XP or Vista system. See the next file, DivxInstaller, for details.

3. DivXInstaller: This file may be required if the e-tool is installed on a Windows XP or Windows Vista operating system. It will install additional video codecs that are not provided on a base XP or Vista install. It installs the new video codecs free of charge, but please be aware of the optional installation step. During the video codecs installation, one step includes installing additional optional software. When you reach the optional software page of the installation, uncheck the three options that are selected if you do not wish to download the additional software. This software is not necessary for the proper functioning of the tool and will adjust your browser.