**c)** Using the "+" and "-" keys, set the correct Month, Day, Year, Hour, and Minutes. When you have the correct number entered for each, press the "Enter" key to get to the next field. Please note: Military time is used, i.e. 2:00 PM should be entered as 14:00.

**d)** When all the fields have been completed, the display will show "Time Set Successful" and then it will return you to the main menu.

## 4) Data Recording
### Notes
- ***Inserting the SD card will not automatically erase the previous data***. See the paragraph "Format Card" (part of the **In Depth Guide)** for the information on deleting all of the files on a full SD card.
- The data recording unit will save the previous settings, including date, time and custom file name, if custom name set up and enabled.
- The backlight on the display will turn off after 1 minute of inactivity from the user. If a card is in the unit, it will continue recording data and display speeds, *Figure 3*. Press any key to turn on the backlight again.



*Figure 3 – Speed of oncoming vehicles being recorded.*

- The data is saved in an ASCII text format and can be viewed using the *Traffic Count 7* or you can create your own reports and graphs with the raw data and your own programs like Microsoft Excel®.
- A 128MB SD card can save over 6,000,000 vehicle entries. Note that the more vehicles saved on your card, the longer the reports will take to generate.

## Section B - In Depth Guide and Setting Commands – Data Recording Unit

Use the + and – buttons to navigate thru the Settings Menu. To select the displayed option, press the Enter button.

**The Settings Menu allows you to:**

- **Your File Name** - This is helpful if you decide to move the trailer to a different location on the same day. Each file can list, for example, the street name so when you are ready to run the reports, you can easily identify each location. If you have multiple trailers/signs, each unit can have a unique name or number.

    **a) Make Your File Name**
    The file name is (8) characters long and can be any combination of letters, numbers, and spaces. The default file name is in "MMDDYY.RU2" format. If the first file is not deleted and the card is used again **on the same date**, the next file will read "MMDDYY-

1.RU2". It will automatically rename the files up to "MMDDYY-9.RU2". When 10 such automatically renamed files are already present, you will get an error message.
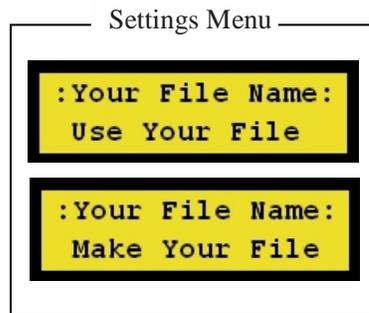


*Figure 5 – Settings Menu with custom file name set.*

To input a new file name, press the "Enter" key at the **Your File Name** screen. Use the + and – keys to select the characters and press "Enter". The cursor will move to the next space. Once all (8) characters are entered, the screen will read "Custom File Name Successfully Set", then the screen goes back to the **Return to Main Menu - + Enter** screen.  Press "Enter" to return to the main screen.

- **Format SD Card** - Erasing data on the SD card can be done while the data recorder is mounted inside the trailer enclosure. This feature is used to delete any existing files on the SD card. Press the Enter button to use this feature. The display will read "Insert card (– to cancel)". To erase the card, insert the card into the memory slot located on the right side of the data recorder. When it's finished, the display will read "Format Done, Remove Card". The SD card must now be removed to return to the menu features.

## 2) Error Messages

### *ERR! Card Lost (Press any Key)*
If the SD card is removed without stepping thru the saving data section, this error will appear. Go back to **Section 1** to record new data. Note: Data is written to the card as vehicles are recorded. The data can be recovered if the card is not cleared.

### *Write Error/Card Error! Try another SD or Format Card.*
If the SD card is bad or full, this message will appear. If the card is bad, try re-formatting it in the data recorder side slot or your personal computer (if equipped to do so, see NOTE under "formatting card, as listed above). If this does not remove the error, the card is likely bad and needs to be replaced.

### *File Name Max Reached, Clear SD Card or Set Custom Name*
If you have tried to use the same file name 10 times, this error will display. To resolve the error, you can do any or all of the following:
- Create a new file name.
- Clear the file name (so the date will be used).
- Format the SD card, erasing the older files.