What I claim is:

1. A variable vehicle speed controller which is GPS based for use in an automatic or manual drive vehicle which is in motion from One Speed zone to another Speed zone, the vehicle speed is automatically controlled and vehicle not allowed to go beyond the specified speed limit of the zone, said variable vehicle speed controller comprising:

   a micro controller unit (40) to read, measure and control of a plurality of functions of the vehicle;

   a speed sensor interface (30) linked to the micro controller unit (40) for reading the speed of the vehicle;

   a GPS module (32) including a GPS antenna (22) for determining the location of the vehicle and linked to the micro controller unit (40);

   a digital map data memory (60) having the database of Speed Limits for all the Speed Zones, and linked to the micro controller unit;

   a speed control interface (62) linked to the micro controller unit (40) for controlling the speed of the vehicle;

   a digital input interface (42) linked to the micro controller unit (40) for reading the status of ignition switch of the vehicle; and

   a digital output interface (52) for lighting up an indicator showing the speed control in operation.

2. The variable vehicle speed controller as in Claim 1, wherein the controller controls the speed of vehicle without intervention of the driver of the vehicle.

3. The variable vehicle speed controller as in Claim 1, wherein a battery supply is provided to the speed controller<u>, and a speed sensor (20) is connected to the controller</u>.

4. The variable vehicle speed controller as in Claim ~~1~~<u>3</u>, wherein a speed signal is connected from the speed sensor (20) to the controller.

5. The variable vehicle speed controller as in Claim 4, wherein the speed sensor (20) is installed on ~~the~~a gear box and the antenna (22) of the GPS mounted on dashboard or suitable location to have a open sky view.

6. The variable vehicle speed controller as in Claim 1, wherein the vehicle ignition switch (44) of the vehicle are connected to the speed controller.

7. The variable vehicle speed controller as in Claim 1, wherein ~~the~~a LED is connected to the speed controller.

8. The variable vehicle speed controller as in Claim 1, wherein the controller starts to function when the ignition switch (44) of the vehicle is made ON.

9. The variable vehicle speed controller as in Claim 1, wherein GPS modules (32) reads the location of the vehicle based on the vehicle speed limit.

10. The variable vehicle speed controller as in Claim 9, wherein the vehicle speed limit for a specific location of vehicle is determined from the location contained in digital map data memory.

11. The variable vehicle speed controller as in Claim ~~9~~3, wherein the current vehicle speed is determined by the speed sensor (20).

12. The variable vehicle speed controller as in Claim 1, wherein the digital input interface is connected to the vehicle ignition switch (42) and obtains signal from the vehicle ignition switch (42).

13. The variable vehicle speed controller as in Claim 1, wherein the digital output interface (52) is linked to a speed limit indication lamp (54).

14. The variable vehicle speed controller as in Claim ~~1~~3, wherein the micro controller unit (40) controls the speed of the vehicle via the Speed Control Interface using data feedback by the speed sensor, GPS Module, and Digital Map Data Memory.

15. The variable vehicle speed controller as in Claim 1, wherein the speed of the vehicle is read by the speed sensor interface (30).

16. The variable vehicle speed controller as in Claim 1, wherein the speed of the vehicle is automatically controlled by the speed control interface.