

## The Proposed Casselberry Interchange VR Simulation

This CD contains a self installing Virtual Reality (VR) Simulation of the *SR 15/600 (SR 17/92) Interchange at SR 436*. To install the VR Simulation, double click on the **Casselberry.msi** file included on the CD. Follow the on-screen prompts and the software will be installed on your machine. This may take several minutes depending on the speed of your computer. Disable dual screen mode if you use two monitors. Once the software is installed, a shortcut will be placed on your desktop called: **Casselberry**. Double clicking on this icon will activate the VR Simulation. Start up should take 5-8 minutes depending on your computer. Make sure to disable dual screen mode if you use two monitors. Mouse and keyboard functionality is described below.

### NAVIGATION INSTRUCTIONS

1. Mouse Buttons:
  - a. **Middle** mouse button activates movement (*HINT – It must be depressed simultaneously with other mouse buttons in order to navigate throughout the VR Simulation*)
  - b. **Left** mouse button accelerates the user forward - Continue to depress the button until a sufficient speed has been obtained. Releasing the left button will maintain the current speed. (*HINT – The middle mouse button must be depressed during this action*)
  - c. **Left clicking** on a car puts the user inside the car. Typing an “f” releases the user from inside the car.
  - d. **Right** mouse button decelerates or moves backward. (*HINT – The middle mouse button must be depressed during this action*)
2. Movement:
  - a. Moving the mouse forward causes the viewpoint to pan downward
  - b. Moving the mouse backward causes the viewpoint to pan upward.
  - c. Moving the mouse to the right causes the viewpoint to pan right.
  - d. Moving the mouse to the left causes the viewpoint to pan left.

### SPECIAL FUNCTIONS

HOT Key Definitions (*toggle on/off*)

- e:** Toggles ON/OFF the Existing Conditions
- o:** disable simulation (DO NOT USE THIS KEY)
- r:** Reset view to initial position
- f:** Releases the user from inside the car
- 0 (zero):** Shows top down view
- Esc** Exits the program

### MINIMUM SYSTEM REQUIREMENTS

Windows XP  
2.0 Ghz Pentium 4 Processor  
512MB – 1GB System Memory  
512MB Texture memory on the Graphics Card (*must be an NVIDIA graphics card*)  
500 MB free hard drive space  
Disable dual monitor mode

