

II Tech Tip Thursday



*Construction Surveying • Earthworks • Siteworks Machine Guidance • Roadworks • Groundworks •
Marine Construction • Connected Site • Augmented Reality • **Office Software***

How to install the Trimble Roadworks / Trimble Earthworks Simulator on your PC with Chrome

Looking for a way to run the Trimble Roadworks paving control platform or Trimble Earthworks grade control platform simulator directly on your PC without a complex setup involving additional networks, cables, and tablets?

We have a streamlined solution that you might find helpful. With just Google Chrome and a quick one-time configuration, you'll be ready to go! It works like this.

1. Install Chrome.
2. Install the latest version of your favourite Roadworks Simulator. (Of course – Trimble Earthworks also works).
3. Insert a script into the simulatorconfig file of the newly installed Roadworks Simulator.
4. Launch the Simulator and prompt it to install the Android Emulator.
5. Then you're set to :
 - o Delivering engaging, hands-on training experiences for our customers.
 - o Producing high-quality instructional videos and visual guides.



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To ensure a smooth setup, please follow these steps whenever you install a new version of the Roadworks / Trimble Earthworks Simulator, as each version will have its own simulatorconfig file that needs to be edited.

Here are the steps in detail:

1. Install [Chrome](#).
2. Install the latest [Trimble Roadworks / Trimble Earthworks Simulator](#).
3. Insert this line of text
<EnableAndroidEmulator>true</EnableAndroidEmulator>
exactly as it is above, into the installed simulator's config file.

Here's how:

Each version of installed Roadworks / Earthworks simulator has its *simulatorconfig* file located within its own structure, in the Programs folder. For this reason, you need to apply this same method each time a newer version of the simulator is installed.

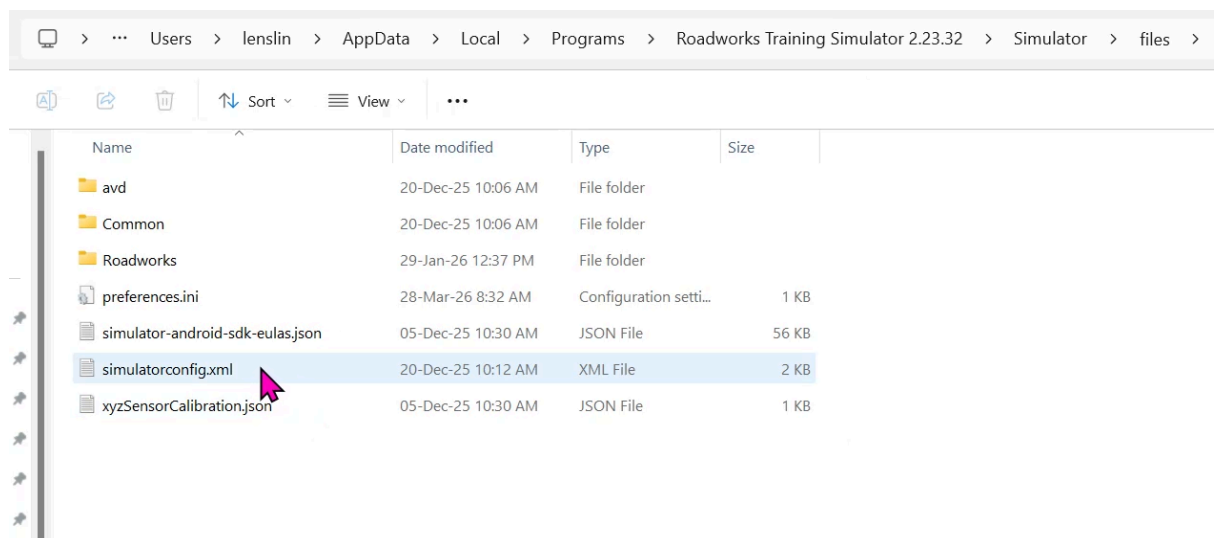
Here's the path:

C:\Users\lenslin\AppData\Local\Programs\Roadworks Training Simulator 2.14.57\ Simulator\files

Note:

1. Your own user name will appear in the red text above (instead of "lenslin")
2. The training simulator version will obviously also not be the same as above – it will be the version that you've just installed.

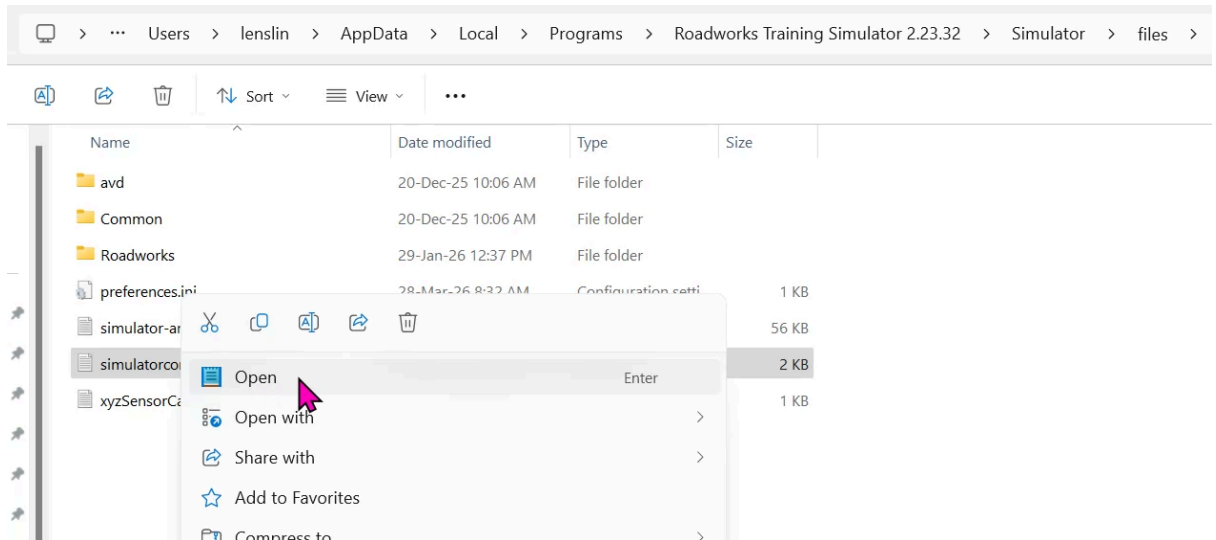
It should look something like this:



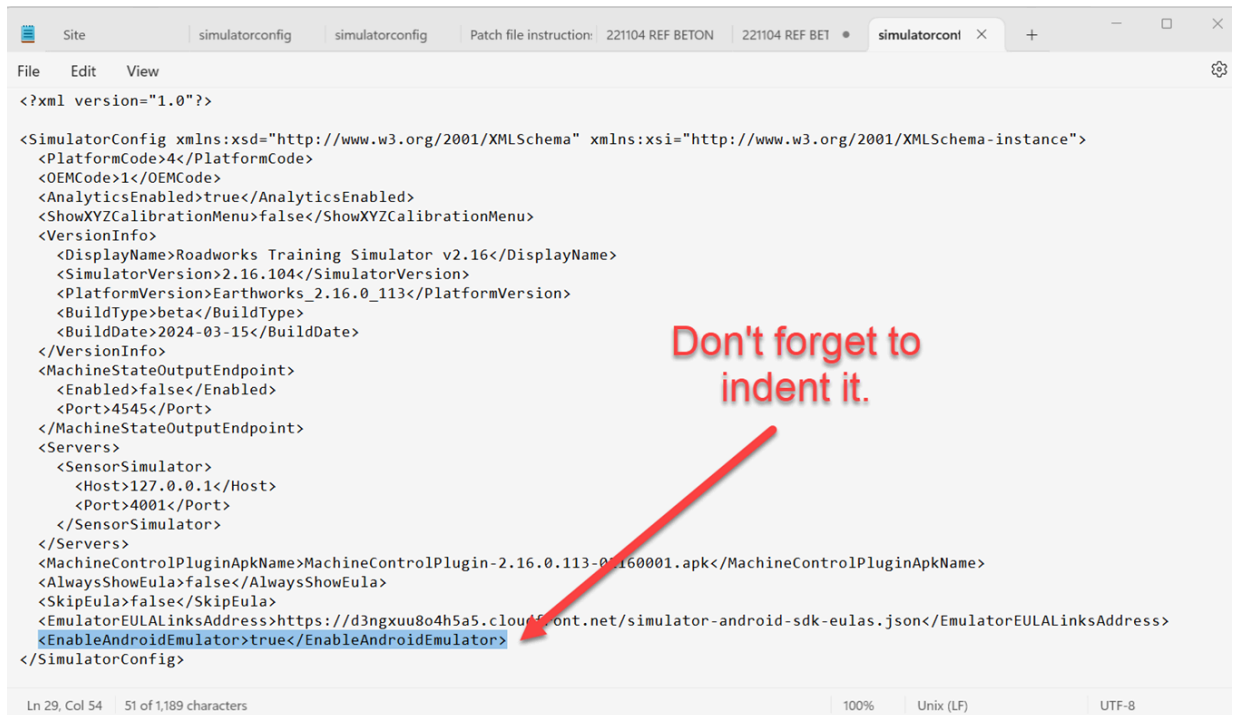


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Open the file with a double click, or right click on it and select to open it with Notepad.



The opened file should look like this – once you've pasted the new text line into it. Paste this line below as shown - with 2 taps of the space bar to indent it.



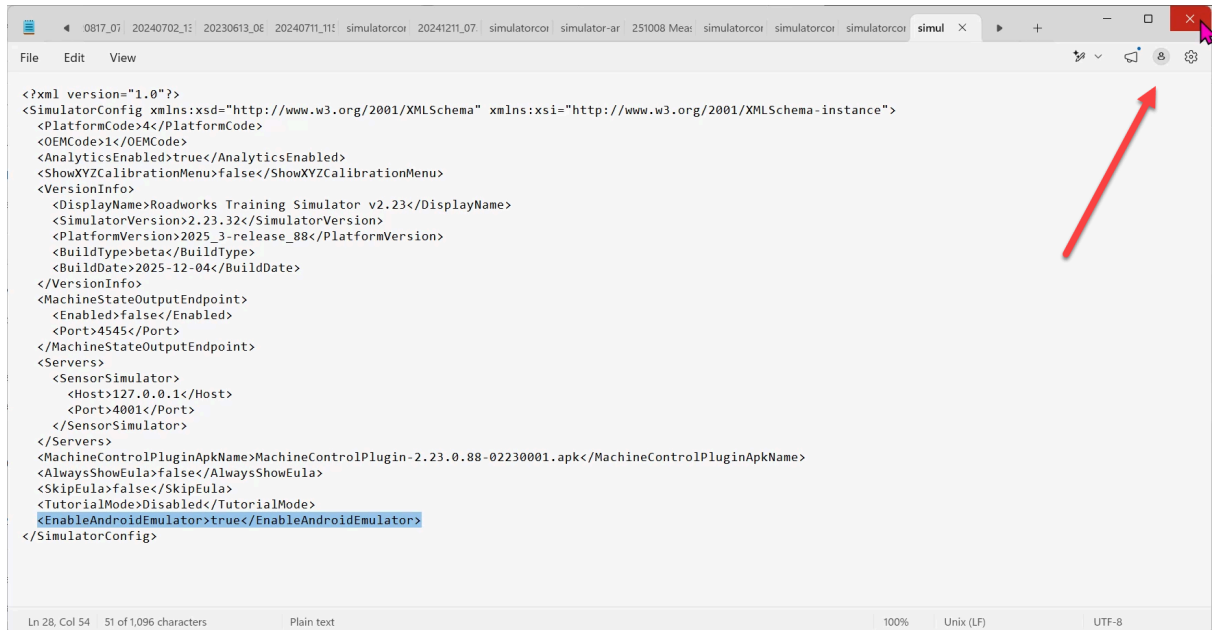


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Save the changes like this:



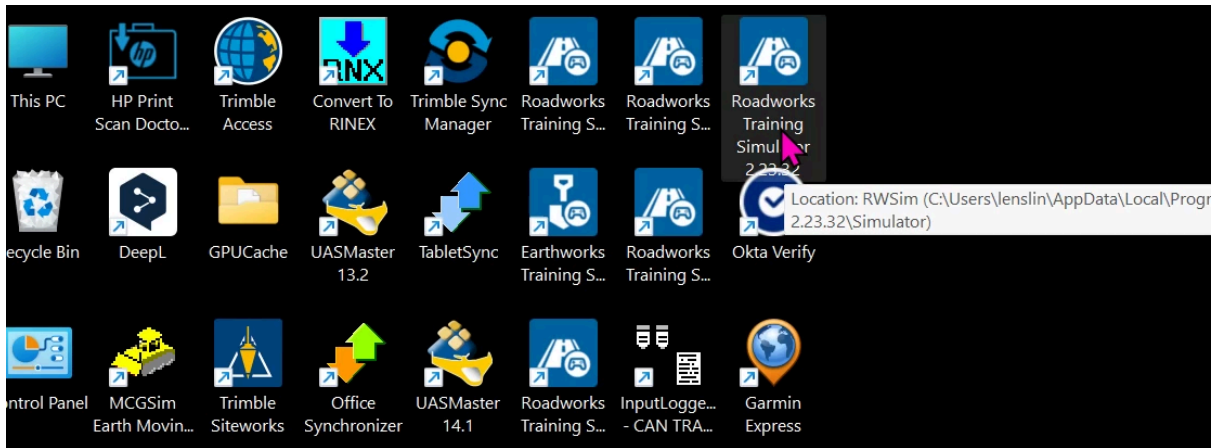
... and close Notepad like this:



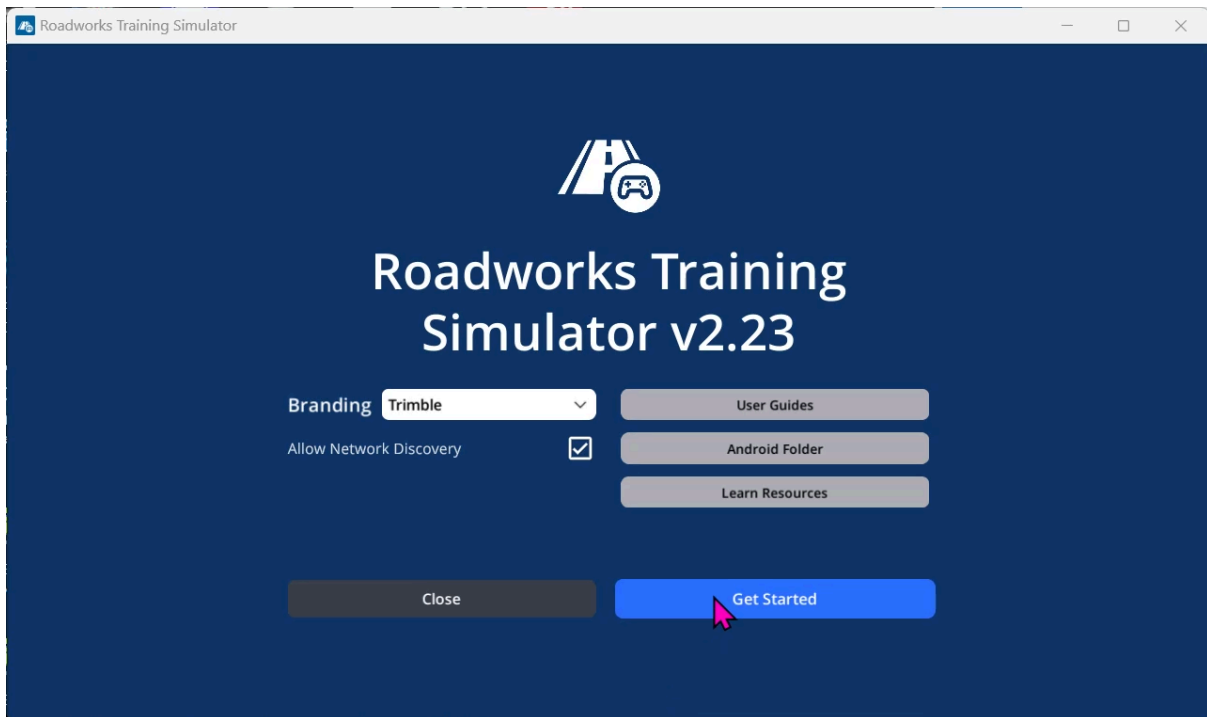


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4. Now launch your Simulator...



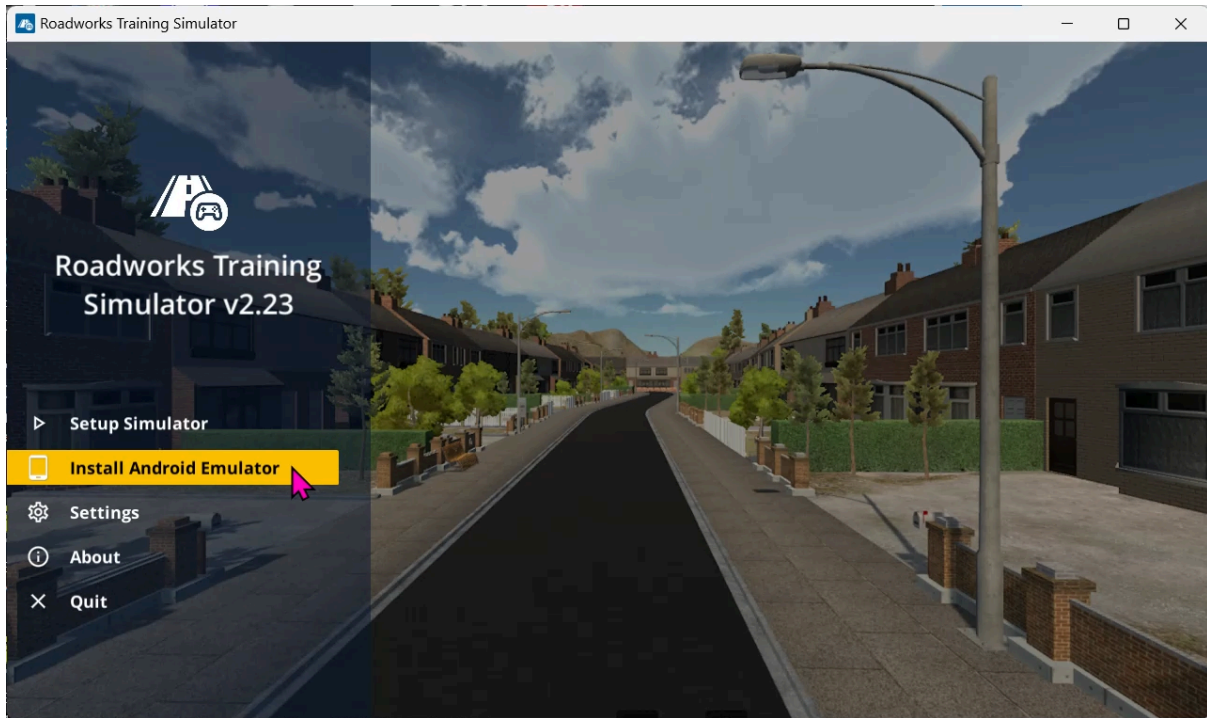
and get started...





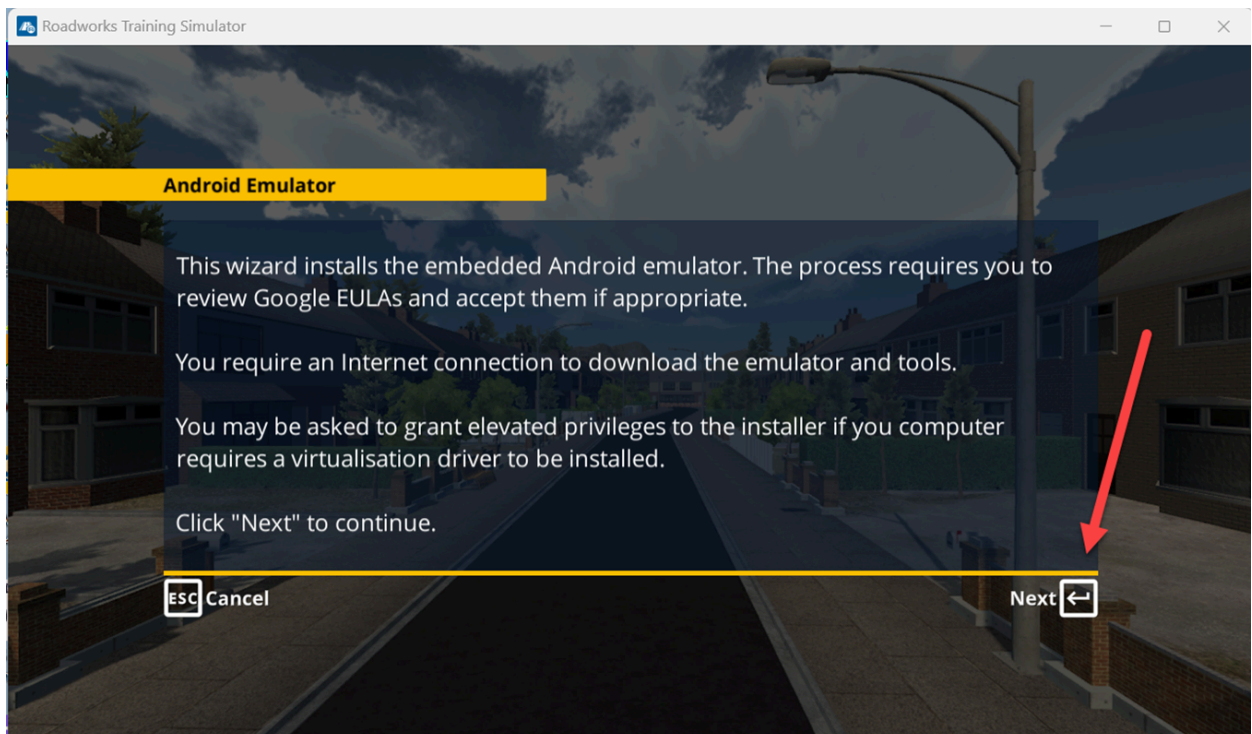
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... by installing the Android Emulator.



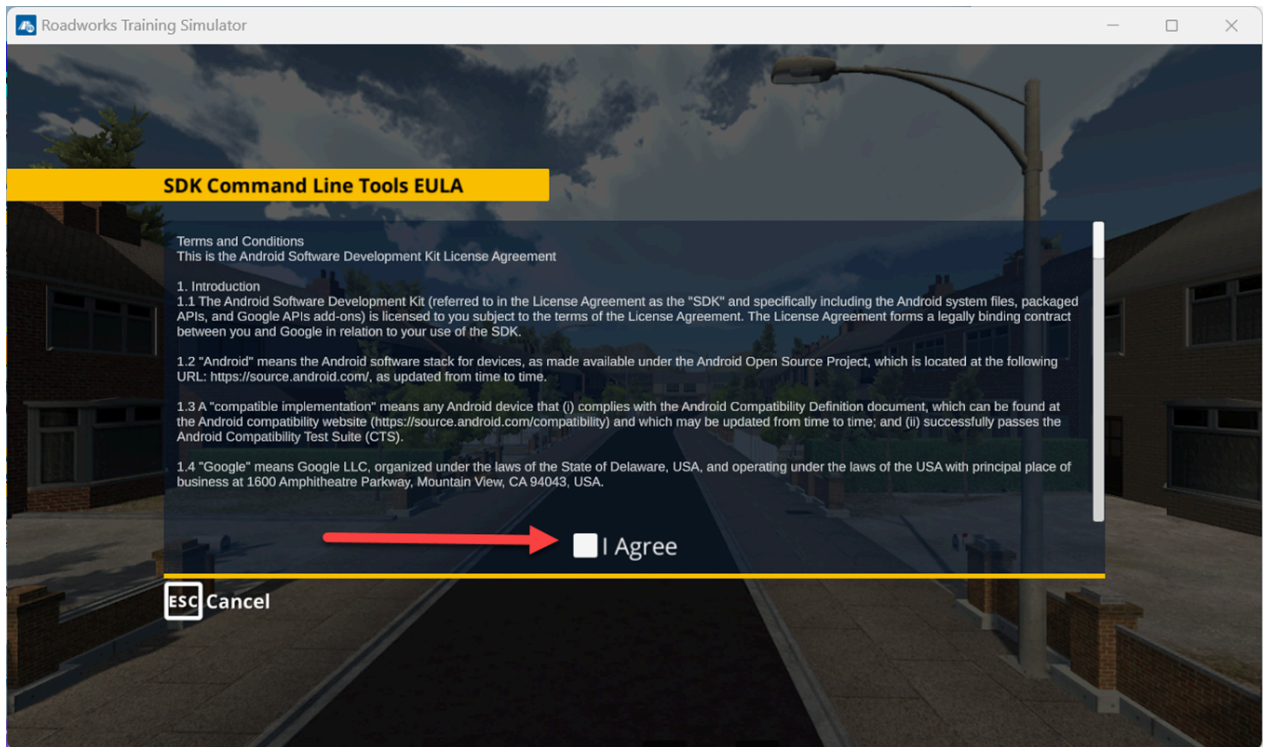
NOTE: If you don't see the option to install the Android Emulator, the text line in the simulatorconfig file has an error. In most cases, it's due to not being indented correctly.

The Android Emulator will prompt for a few clicks and go through a number of motions.

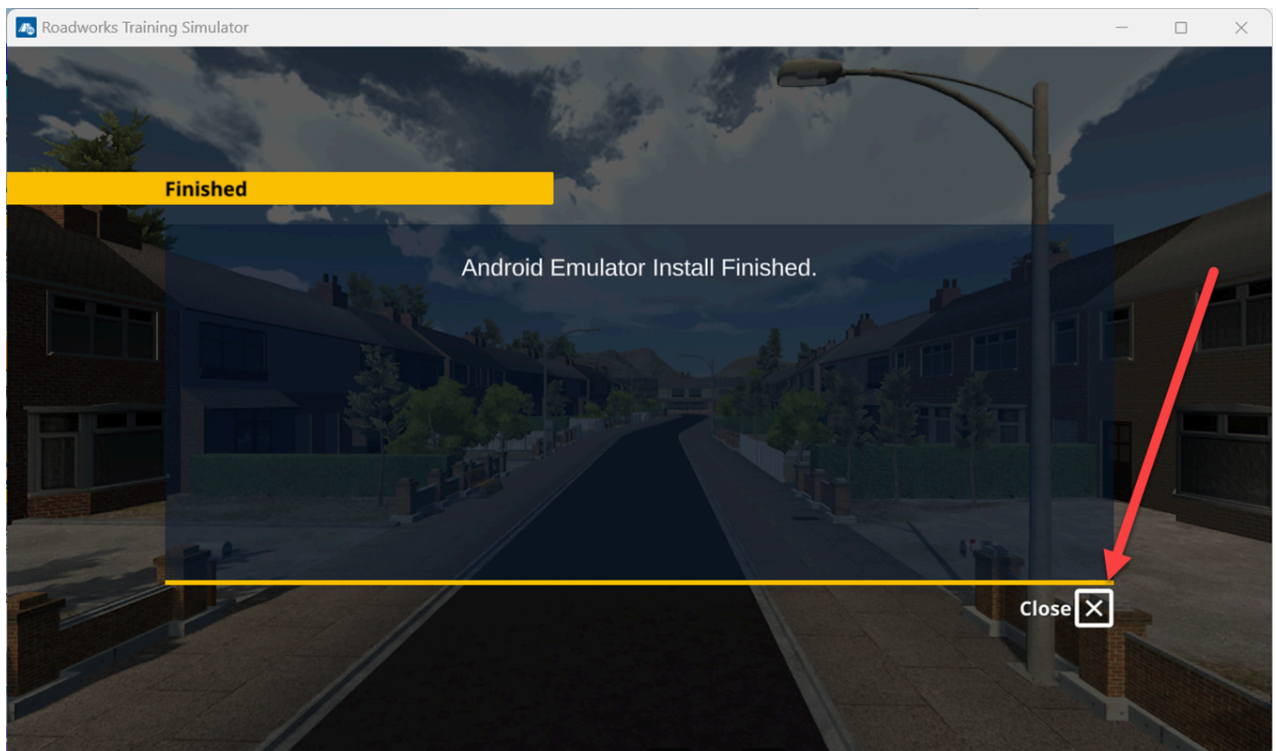




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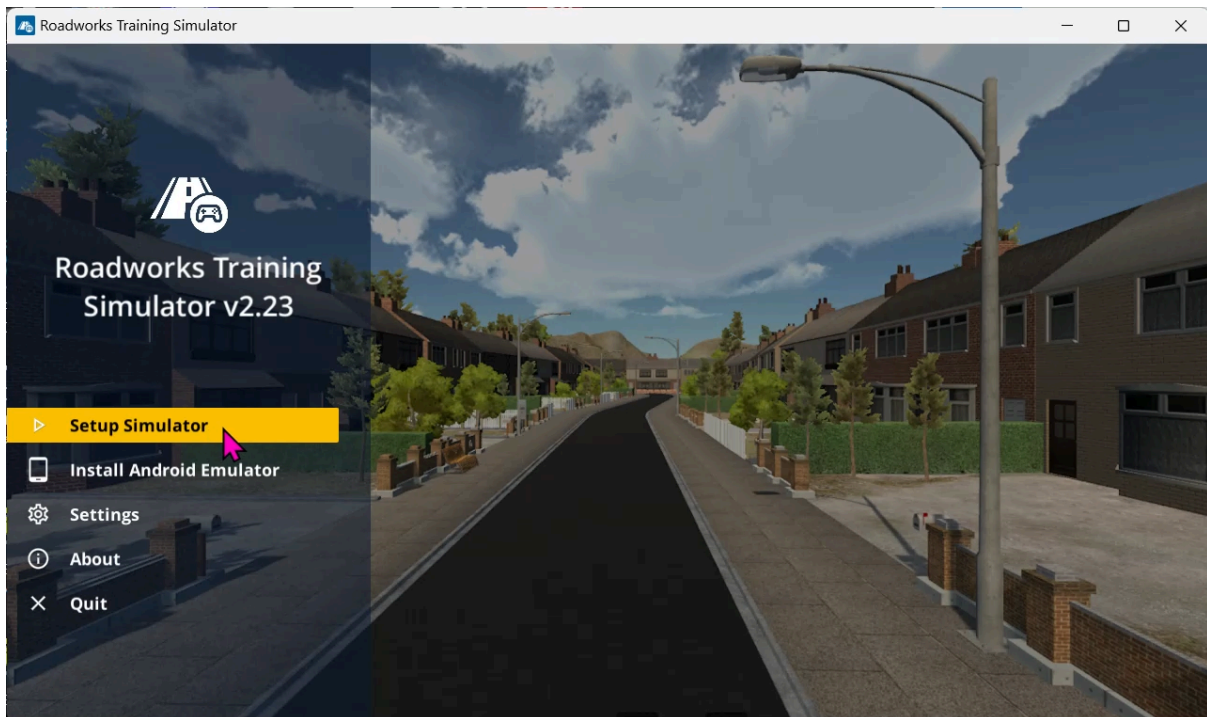
When you get here – you're done!





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5. Now launch your simulator and go through the setup.



In the case of a paving setup, you will find the 2D & 3D displays here:



You're all set! Enjoy the enhanced productivity that comes with Trimble's premium simulator. While rare, if you do run into any Intel HAXM (Hardware Accelerated Execution Manager) errors, please reach out.