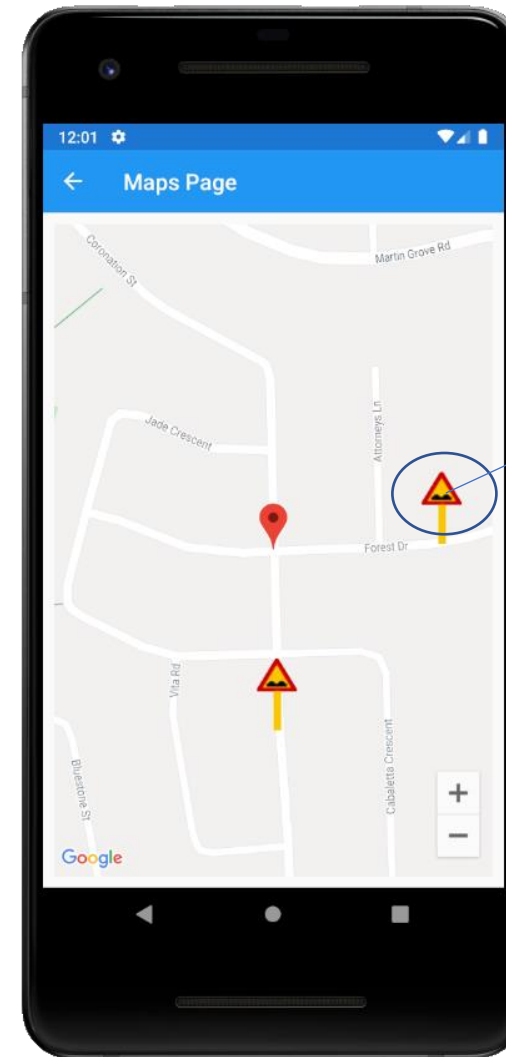


EECOMOBILITY Road Conditions Mapping APP

- EECOMOBILITY's Software detects different types of road features (speed bumps, potholes, road surface profiles) using your cell phone.
- Feeds the mapped information back to drivers and autonomous vehicles driving systems.
- Able to detect hard braking situations which can be used for fleet monitoring and insurance purposes.
- Builds a data bank of road conditions. This data is highly valued by cities for road maintenance.
- Increases vehicle safety - advising drivers before driving over the potholes.
- Integrates the knowledge of the location of speed bumps and potholes with the vision capability of autonomous vehicles. This is important especially for circumstances when potholes are covered with rainwater and autonomous vehicle cameras cannot see them.
- Reports of required suspension maintenance for autonomous vehicles.
- Maximizes comfort levels by choosing smooth routes to destinations.
- Recorded data can aid design engineers in designing better suspensions for the next generation of vehicles.
- Wireless cloud operability.



Undetected speed bumps
are dangerous at high
speed!

