By examining proper frame dimensions and designs, I will show how with the correct frame layout you can maximize strength, and minimize weight:

* <reason 1> Through proper testing you can increase the strength where you need it to counter the heaviest stressed areas.
* <reason 2> You can minimize the amount of material needed, strengthening the areas needing it, and reducing materials in areas you don’t.
* <reason 3> By reducing materials in areas not heavily stressed, you can reduce vehicle weight.