ABSTRACT:

The bridge is one of the modes of land transportation facilities as a liaison between one region with another. Determination of the bridge plans reviewed from various aspects, namely in terms of aesthetics, location, and vehicles passing thereon. One form that is used on the bridge that will be analyzed here is a form of box girder bridges, where the form of box girder has a high torsional resistance than other forms. From the analysis here, the box girder were considered sufficient to hold the burden in its path. But the box girder is considered would be more efficient when used for continuous spans with span-length of span up to hundreds of meters.