

Application of Building Information Modeling in Infrastructure Bridges

Mohamed Hisham Abdel-Aziz
Dr. Mohamed Mahdy Marzouk

Abstract

Building Information Modeling is a great innovation in engineering and construction industries. (BIM) depends on developing 3D intelligent model, and using this model in different uses such as: creating drawings, cost estimation, scheduling of construction activities, 3D Visualization, and many other uses. Applying (BIM) technology on bridges is named Bridge Information Medaling (BRIM). The research proposes using Bridge information Medeling (BRIM) in preconstruction phase.