Abstract

Directorate Building of PPNS-ITS is 4 floors building construction that is built with reinforced concrete structure, and its roof structure which use steel stiff frame construction. In analyzing the building structure system, slab modeled as shell, so that can be lateral bracer. Planning of this building structure, use method of Intermediate Moment Resisting Frame (SRPMM). This Method limit the capacities of moment which provided by beam, and arrange planning procedures of shear strength which is provided by beam and column. And for the planning of its steel roof structure is according to PPBBI 1984. Result of calculation of this structure will be released as calculation report and structure drawing.

Keyword : The Intermediate Moment Resisting Frame System, Structural Design of PPNS-ITS Directorate Building