

# INFRARED SENSOR CONTROL DRAW BRIDGE

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## ABSTRACT

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The first part of this project is the basic design of the bridge structure which is done by our civil engineering member. This section consists of the whole design of the bridge and other design such as the column, truss and other civil structure design.

The second part of this project is the control system which is done by our electronic engineering member which is responsible of designing the infrared sensor controlled motor which will open the bridge when there is an incoming ship.

As for the final part is the mechanical part which is done by our mechanical engineering member. This part consist all of the mechanical art that is involve in the whole project such as the motor, pulley and gearing.