

# DESIGN OF BOX CULVERT FOR DRAINAGE

Prepared by: Chong Chee Siong

## ABSTRACT

---

Provided that the existing waterways are not too wide (normally smaller than 6m and not too deep, the Box Culvert could always be the first option. Why people prefer to use Box Culvert rather than to construct a short span bridge across the waterways? The reason is simply because constructing a short span bridge in situ could be very time consuming whereas Box Culvert could be easily manufactures and ordered in the factory beforehand. By using Box Culvert, it does not only save time but there are other advantages as well and they are hereunder:

- 1. Easily assembly and easy to work with**
- 2. Accurate**
- 3. Life long**