

## ***ABSTRACT***

*Construction standard on 12 meter concrete poles or C12 concrete poles produced by PT. Wijaya Karya is different from the standard construction of C12 concrete poles that used by PT. PLN (Persero) UP3 Sukoharjo. There is a difference in distance between the bolt machine hole. This affects the installation of the center bracket on the C12 concrete pole at PT. PLN (Persero) UP3 Sukoharjo. Distance of translucent bolt machine holes on C12 concrete poles currently used by PT. PLN (Persero) UP3 Sukoharjo is 300 mm, while the hole distance for the center bracket is 200 mm which makes it cannot be directly mounted on the C12 pole. In order to solve the problem, the installation of the center bracket was assisted by using additional components called pole band. The use of pole band has several weaknesses and also makes some financial losses, it also violates the rules used by PT. PLN (Persero).*

*Keywords: Concrete pole, translucent hole, bolt machine, center bracket, pole band*