# *ABSTRACT*

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*The Bulak Kapal (MYC) Underpass Construction Project For Bekasi City, West Java*. *Capping Beam Implementation Method of Calculation of Concrete Capping Beam Volume Requirement at STA 0+500 – 0+550.*
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(*xv + 80 + Attachment*)

*The Bulak Kapal (MYC) Underpass Construction Project is located in Jalan Ir. H Juanda Bekasi City, West Java*. *This project was build with an underpass length of 690 meters, has 2 lanes or 2 lanes in 2 directions, with a lane width of 3.5 maters, and a shoulder width of 1.5 maters. Capping beam is a building structure that functions as a secant pile binder, which aims to provide an even load so that each secant pile can receive the load evenly. Meanwhile, the method of implementing the capping beam work stars form measuring the elevation of the capping beam, cleaning the capping beam area, boring the bored pile head according to the planned elevation, cheking the capping beam elevation, laying the capping beam work floor, capping beam reinforcement work, checking the diameter and number of capping beam reinforcement, capping beam formwork installation work, capping beam casting work, concrete curing work, formwork demolition work. Meanwhile, for the results of the calculation of the volume of the concrete capping beam obtained by 78,314 $m^3$, and for the needs of the mixer truck at the time of casting, there are 12 mixer trucks with a truck mixer capacity of 7 $m^3$.*

*Keywords: Capping Beam, Implementation Method, Concrete Volume*