## ABSTRACT

## NORMALISASI SUNGAI MUARO BATANG MANGGUANG DAN BATANG PIAMAN KOTA PARIAMAN

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Summary with normalization project of river Muaro Batang Mangguang and Batang Piaman are expected to be usefullfor developing of Pariaman city tour, because the location a long river Batang Mangguang can be developed as an object of tour by it's interest.

The erection of sheet pile concrete in normalization project of river muaro Batang Mangguang and Batang Piaman have function for avoiding errotion that caused by abrasion at riverbank. From that work, the writer interested to make a study case about "The methode of erection of sheet pile as soil restraining wall at river normalization".

The time that is needed for erection is the main factor in erection of sheet pile concrete because of that, the election of stake typee has big influence in this work. To get a statisfactory sheet pile erection, the process of implementation should follow the stages that have been set.