The high volume of traffic on arterial roads such as roads Ahmad Yani primary cause drivers choose Kendangsari collector roads such as roads, Brigjen.Katamso street, Siwalankerto street, and Kutsari street as alternate routes to speed up the goal. Siwalankerto district, subdistrict Wonocolo have a collector road such as Kutsari street and Siwalankerto street geometric conditions the two-lane, two-way street as well as the effective width of 5.5 m average traffic problem occurs with decreasing vehicle speed to less than 10 km/hr. Traffic management is one way to solve the traffic problem. This study aims to formulate the movement of traffic engineering in order to overcome the traffic problem in the Siwalankerto street, Abstract village, district Wonocolo.

Data collected through origin-destination survey by recording license-plate method. Furthermore, to identify factors that cause the traffic problem through the approach, the traffic volume capacity and then calculates the level of service roads on each road section, then perform traffic engineering movement on the Siwalankerto street, Siwalankerto district, Wonocolo subdistrict with an all or nothing method with the Moore algorithm principle. From the results of the movement of traffic engineering got the alternative of movement route change that can reduce the performance of the road at every roads in Siwalankerto.
district so that it makes the driver's vehicle until the destination quickly and efficiently.

**Keywords:** Engineering, traffic