

ABSTRACT

Pavement evaluation on Jl.Agrodadi Sedayu, Kab. Bantul section was conducted considering increasing traffic caused by increasing local traffic activity and mentioned road had been used an alternative route for truck from Jogja to Bantul, many of vehicles with tonnage hige passing causing damage at some point pavement.

Benkelmen Beam is an apparatus used to measure deflection on jl.Agrodadi, Sedayu kab Bantul section this apparatus were used to measure vertical deflection and rebound deflection caused by traffic load result can be used to design pavement overlay.

Based on the result of the analysis primer anf sekunder data obtained, it can be stated that average deflection data which describes the state of the pavement Obtained overlay based on the biggest planning thickness -0,66 cm with type laston asphalt concrete Service life plan 10 year in planning overlay pavement with a standard axis load accumulation (CESA) during the life of the plan on the road section Agrodadi, Sedayu 6.470.00 ESA.

Keywords : *Standard axis load accumulation (CESA), Deflection, Overlay, Age plan*