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# IDENTIFY THE SHORT TERM ROAD IMPROVEMENT PORJECTS AND TMM REQUIRED ROAD LINKS IN SALEM CITY CORPORATION - CASE STUDY

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**Abstract**

Salem is the fifth largest city with a population of 7.54 lakhs (2011) in Tamil Nadu. Fast growth in population and vehicles in these centre have caused congestion in roads for movement of passengers and goods affecting economic development Local Authorities faced with great difficulties to identify required various road improvement projects. Local authorities have inadequate funds to improve these road networks from all angles at any point of time. Repair or improvement works may have to be under taken on a basis which has to be decided based on socio-economic, administrative, technical, political factors etc., Serious considerations are required to be given to the transportation problem of urban centres, since they are growing very fast in population, area and putting great pressure on the limited transport infrastructure facilities An efficient transportation network is the need of the present urban scenario to tackle the discussed problems. The identified road network selected for the study comprises 162 road links in Salem Corporation. Existing traffic condition, surface condition of carriageway, street lighting, footpath condition and drainage condition in the Salem Corporation area has been studied in detail. Traffic volume count survey was conducted on the idendified 162 road links in Salem Corporation to identify the type of transport facilities required for the road links. In Salem Corporation area 44 road links required removal of onstreet parking and encroachment, 52 road links required widening of carriageway , 23 road links required traffic management measures with extrawidening to carry the existing traffic flow efficiently.