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MODERNIZATION OF URBAN ROAD INFRASTRUCTURE THE ROAD JUNCTION IN SZCZECIN – A CASE STUDY

Growing car ownership forces modernization of road infrastructure in agglomerations. This example illustrates junction with central island and five-phase traffic signaling with capacity of 2.500 conversion vehicles per 24 hours. The present average traffic volume amount to 3.800 conversion vehicles per 24 hours. The modernization idea construction of roundabout with the capacity of 4.000 conversion vehicles per 24 hours. The main effects include improvement of traffic flow, ie. Reduced ride time through the junction. This paper also present economic efficiency ratios of this investment.

Translated by Wojciech Downar