Development of Work Zone Capacity Guidelines

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Project Description:
This project is an attempt to measure capacity of highway construction zones in Missouri, and to provide guidelines for estimation of work zone capacity based on prevailing geometric, environmental, traffic and control conditions. Traffic data from a number of work zones on I-44 is collected, and traffic flow before and after the onset of congestion is studied. Work zone capacity is determined using a number of relevant definitions and the results are compared to the guidelines available in the Highway Capacity Manual (HCM) as well as other relevant research in this area.

Publications: