

## ENERGY SAVING AT JUNCTIONS: THE EFFECT OF SIGNAL CLEARING TIME

Earlier theoretical studies have shown that energy savings can be expected when a centralised automatic train speed control system is applied to a perturbed train journey through a junction. It is central to the control technique used that a prediction of the time that the junction will become available is made. Any prediction method is unlikely to be free of errors, and it has now been shown that significant energy savings can be expected even when imperfect prediction methods are employed.