

# EFFICIENT HIGHWAY CAPACITY

**TRANSPORT PLANNING RESOURCES**



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## TRANSPORT PLANNING RESOURCES

This mini guide from Dynamic Transport Planning looks at the importance of highway capacity for your development

**SECTION 1** Does your development work?

**SECTION 2** Does it work in the future?

**SECTION 3** Is mitigation required?

# **SECTION 1:** **DOES YOUR** **DEVELOPMENT** **WORK?**



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# DOES YOUR DEVELOPMENT WORK?

## SERVED BY EXISTING SET UP

Transport Modelling can assess if the estimated traffic generation from your development can be served within the existing local highway capacity

## THE IMPACT OF YOUR DEVELOPMENT

If your development increases the traffic on the local roads what does this look like? Transport Modelling can determine the trip types associated with your development

## THE LEVEL OF IMPACT

A development can be refused planning if the level of impact on the local highway is considered to be 'severe'. Transport Modelling will help to evidence the level of impact for your development

# **SECTION 2:**

# **DOES IT**

# **WORK IN THE**

# **FUTURE?**



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# DOES IT WORK IN THE FUTURE?

## YOUR DEVELOPMENT FLOWS

The modelling undertaken for your development will show the likely impact that it will have on the current traffic levels and operation on the local highway network

## FUTURE TRAFFIC FLOWS

The assessment will then factor the traffic flows for a period of time in the future. This will estimate the impact that your development will have as the population and road use grows

## COMMITTED DEVELOPMENTS

For larger schemes it will be required to take into account any developments that are due to be brought forward within the vicinity of your development and any planned network changes

# **SECTION 3:** **IS** **MITIGATION** **REQUIRED?**



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# IS MITIGATION REQUIRED?

## INCREASE NETWORK CAPACITY

When mitigation is required it is to increase the capacity on the local highway network because it cannot cope with the increase of traffic from your development

## INCREASING ACCESSIBILITY

A way of offering mitigation is to fund the provision of a bus stop or service to relieve the network. Cycle paths and footway improvements can also be asked for

## MAKE CHANGES TO THE NETWORK

Where the development increases traffic on the network significantly changes to the network may be required at the cost of the developer

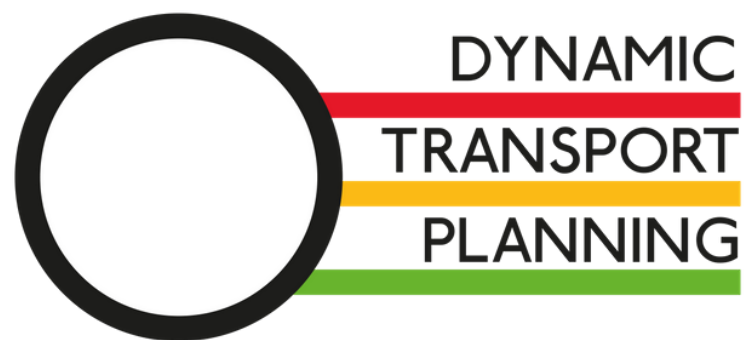
# INSTRUCT A TRANSPORT PLANNER



# READY TO START?

## CONTACT US

If you are ready to make your development accessible, safe and fit for the future, get in touch to get your transport planning process started



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