

Level:	5	
TQT value:	120	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Confirm and record the work requirements of planning highway maintenance activities on controlled roads.	1.1	<p>Confirm and record the work requirements for at least two of the following maintenance activities: and at least five of the following repair activities on controlled roads:</p> <p>Maintenance Activities:</p> <ul style="list-style-type: none"> – scheduled and preventative – corrective – emergency. <p>Repair Activities:</p> <ul style="list-style-type: none"> – structure – surface – materials – markings – fittings – power and light – drainage – telecommunications – special services and equipment – landscaping – temporary traffic management – fencing – vehicle restraint systems – signs – lighting columns and traffic control equipment.
	1.2	Explain how work requirements for controlled roads and their scheduled and preventative, corrective and emergency maintenance or repair can be confirmed.
	1.3	Explain who needs to be consulted when confirming work requirements.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
	<p>1.4 Describe how to confirm the work requirements for the following work activities:</p> <p>Repair activities</p> <ul style="list-style-type: none"> – structure – surface – materials – markings – fittings – power and light – drainage – telecommunications – special services and equipment – landscaping – temporary traffic management – fencing – vehicle restraint systems – signs – lighting columns and traffic control equipment.
<p>2 Identify and review influencing factors about the work environment.</p>	<p>2.1 Consider at least three of the following influencing factors relating to the work environment:</p> <ul style="list-style-type: none"> – organisational requirements – contractual requirements – statutory requirements – resource allocation – stakeholder requirements – working requirements – environmental considerations.
	<p>2.2 Examine how to identify and review the following influencing factors:</p> <ul style="list-style-type: none"> – organisational requirements – contractual requirements – statutory requirements – resource allocation – stakeholder requirements – working requirements – environmental considerations.
	<p>2.3 Examine how influencing factors can be identified and what different methods can be used to review them when planning maintenance or repair activities on controlled roads.</p>

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
3 Consult with guidance materials.	3.1 Consult at least two of the following guidance materials and record the outcomes: <ul style="list-style-type: none"> – manufacturer’s instructions under the Construction Product Regulations – log books – maintenance schedules and manuals – practice guides and specifications – current legislation and official guidance.
	3.2 Explain how to identify and review the following guidance materials: <ul style="list-style-type: none"> – manufacturer’s instructions under the Construction Product Regulations – log books – maintenance schedules and manuals – practice guides and specifications – current legislation and official guidance.
	3.3 Explain how to review risk assessments and method statements and use that information to inform the planned work.
	3.4 Describe how to record the outcome from consulting the guidance materials, risk assessments and method statements.
	3.5 Examine when and how to consult manufacturer’s instructions under the construction product regulations.
4 Prioritise and record the maintenance activities by assessing and accounting for all the influencing factors.	4.1 Prioritise and record the maintenance activities by assessing and accounting for all of the following influencing factors: <ul style="list-style-type: none"> – organisational requirements – contractual requirements – statutory requirements – resource allocation – working requirements – environmental consideration – weather conditions.
	4.2 Describe how to assess and account for the following influencing factors: <ul style="list-style-type: none"> – organisational requirements – contractual requirements – statutory requirements – resource allocation – working requirements – environmental consideration – weather conditions.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
	4.3 Explain how to prioritise scheduled and preventative, corrective and emergency maintenance activities.
5 Amend priorities to take account of changing circumstances whilst maintaining consistency.	5.1 Review and update pre-determined maintenance or repair priorities, considering the following changing circumstances whilst maintaining consistency with the influencing factors: <ul style="list-style-type: none"> – susceptibility to damage – safety requirements – need to inhibit, and respond to deterioration – compromised operational effectiveness – weather conditions – use or change of use – current legislation – resources – security threats. 5.2 Explain how to account for the following changing circumstances: <ul style="list-style-type: none"> – susceptibility to damage – safety requirements – need to inhibit, and respond to deterioration – compromised operational effectiveness – weather conditions – use or change of use – current legislation – resources – security threats. 5.3 Explain how to amend priorities when reviewing the following influencing factors: <ul style="list-style-type: none"> – organisational requirements – contractual requirements – statutory requirements – resource allocation – working requirements – environmental considerations. 5.4 Assess the different types of temporary traffic management for all controlled roads. 5.5 Analyse the potential risks of works impacting on the cultural significance of the historic environment. 5.6 Evaluate the specific requirements for building and structures of traditional (pre 1919) construction or of architectural, historical or archaeological significance.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
6 Prepare plans or schedules of maintenance activities and negotiate and agree them with decision makers.	6.1 Prepare plans or schedules for at least two of the following maintenance activities: <ul style="list-style-type: none"> – regular programmes – tendered works – responsive works – cost estimated works – winter maintenance – traffic maintenance (signing, lighting and guarding) – temporary traffic management (on motorways and high speed dual carriageways) – risk assessments and method statements.
	6.2 Negotiate and agree the proposed plans or schedules with decision makers.
	6.3 Explain how plans and schedules can be prepared for scheduled and preventative, corrective and emergency maintenance activities.
	6.4 Explain how to negotiate and agree plans and schedules with decision makers.
7 Prepare risk assessments and method statements.	7.1 Prepare risk assessments and method statements for three of the following: <ul style="list-style-type: none"> – structure – surface – materials – markings – fittings – power and light – drainage – telecommunications – special services and equipment – landscaping – temporary traffic management – fencing – vehicle restraint systems – signs – lighting columns and traffic control equipment.
	7.2 Explain the best approach to preparing risk assessments and method statements.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
	<p>7.3 Describe how to identify and rate the range of risks for the following:</p> <ul style="list-style-type: none"> – structure – surface – materials – markings – fittings – power and light – drainage – telecommunications – special services and equipment – landscaping – temporary traffic management – fencing – vehicle restraint systems – signs – lighting columns and traffic control equipment. <p>7.4 Describe why preparing risk assessments and method statements is required.</p> <p>7.5 Explain why it is important to identify and rate risks.</p>
<p>8 Prepare plans and schedules.</p>	<p>8.1 Prepare plans and schedules for two of the following maintenance activities:</p> <ul style="list-style-type: none"> – winter maintenance – traffic maintenance (signing, lighting and guarding) – temporary traffic management (on motorways and high-speed dual carriageways) <p>8.2 Explain how to prepare plans and schedules for the following maintenance activities:</p> <ul style="list-style-type: none"> – winter maintenance – traffic maintenance (signing, lighting and guarding) – temporary traffic management (on motorways and high-speed dual carriageways)

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	30
Assessment Time	10