



# Appendix A Activities Schedule



**Queensland  
Government**  
Department of  
Main Roads

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## Activities Schedule

This Schedule provides a list of Maintenance Activity Numbers (M.A.N) referred to in Parts 3 and 4 of this Manual. These numbers are to be used for the purpose of recording maintenance work carried out on timber bridges. Note that items marked \* correspond to the RMPC numbering system.

Standard work numbers for the supply and storage of individual timber components are given in Specification MRS 11.87 and included in Appendix E.

**Appendix A**

M.A.N	Description	Unit	Clause Reference (Part 3)
	<b>BITUMINOUS WEARING SURFACE (10)</b>		
105*	Patch potholes with asphalt	Tonnes	2.1, 2.12, 2.9
110 *	Surface correction with Premix or Asphalt	Tonnes	2.1
118*	Seal coating	M <sup>2</sup>	2.15
120*	Fill cracks	Litres	2.1, 2.9, 2.10, 2.12, 2.19
142*	Temporary pavement repairs	Tonnes	2.15
157*	Excavate and replace asphalt, full depth	Tonnes	2.1, 2.9, 2.12, 2.19
	<b>TIMBER BARRIER (2T)</b>		
2T1	Replace timber post	Each	2.2, 2.3, 2.4
2T2	Replace timber rail	M	2.2
2T3	Replace timber barrier with steel bridge rail (Supersedes RMPC 805)	M	2.2
	<b>STEEL BARRIER (2S)</b>		
2S1	Replace steel bridge rail	M	2.3
2S2	Replace steel post	Each	2.3, 2.4
2S3	Relocate steel rail	M	2.3
2S4	Increase barrier height	M	2.3
2S5	Place post packer (Supersedes RMPC 805)	Each	2.3
	<b>APPROACH GUARDRAIL (72S)</b>		
72S1	Replace guardrail section	M	2.5
72S2	Add posts	Each	2.5
72S3	Install guardrail	M	2.5
72S4	Provide connections to end post or rails (Supersedes RMPC 805)	Lump sum	2.5
	<b>TIMBER KERBS (3T)</b>		
3T1	Replace kerb in hardwood	M	2.6, 2.7
3T2	Replace kerb in ply (Supersedes RMPC 838)	M	2.6, 2.7
	<b>CONCRETE KERBS (3C)</b>		
3C1	Replace kerb in concrete (Supersedes RMPC 838)	M	2.7

M.A.N	Description	Unit	Clause Reference (Part 3)
	<b>TIMBER PLANK DECK (29T)</b>		
29T1	Replace hardwood deck planks	M <sup>2</sup>	2.8
29T2	Replace end spiking plank	M	2.8
29T3	Replace and retighten running planks	M	2.8
29T4	Replace longitudinal deck planks in timber	M <sup>2</sup>	2.8
29T5	Splice hardwood deck planks (Supersedes RMPC 837)	Each	2.8
	<b>PLYWOOD SHEET DECK (20T)</b>		
20T1	Replace ply sheet	Each	2.9
20T2	Replace deck planks in ply	Each	2.8
20T3	Replace longitudinal deck planks in ply (Supersedes RMPC 837)	Each	2.8
	<b>PRESTRESSED CONCRETE PLANK DECK (29P)</b>		
29P1	Replace PSC Plank	Each	2.11
29P2	Reseat PSC Plank	Each	2.11
29P3	Replace deck planks in PSC (Supersedes RMPC 837)	Each	2.8
	<b>STEEL TROUGH DECKING (30S)</b>		
30S1	Remove and replace steel trough decking	M <sup>2</sup>	2.12
30S2	Strengthen steel trough decking	Lump sum	2.12
30S3	Replace deck planks in steel	M <sup>2</sup>	2.8
30S4	Place reinforced concrete infill	M <sup>3</sup>	2.12
30S5	Replace tap screws	Lump sum	2.12
30S6	Place reinforced concrete slab (Supersedes RMPC 837)	M <sup>3</sup>	2.12
	<b>TIMBER CROSSBEAMS (28T)</b>		
28T1	Replace crossbeam	M	2.8, 2.13
28T2	Place additional crossbeams	M	2.13
	<b>STEEL CROSSBEAMS (28S)</b>		
28S1	Replace crossbeam	M	2.14
	<b>CONCRETE OVERLAY DECK (20C)</b>		
20C1	Remove and replace cracked overlay	M <sup>2</sup>	2.15
	<b>STRESS-LAMINATED TIMBER (20T)</b>		
20T4	Check stressing bars	Each	2.16
20T5	Sleeve bolts	Each	2.16
20T6	Restress SLT deck	Lump sum	2.16
20T7	Replace stressing bar	Each	2.16
20T8	Sleeve stressing bar	Each	2.16
20T9	Replace anchor plates	Each	2.16
20T10	Replace laminates (Supersedes RMPC 837)	Lump sum	2.16

M.A.N	Description	Unit	Clause Reference (Part 3)
4T1 4T2	<b>FOOTWAY-TIMBER SURFACE – HW PLANKS (4T)</b> Replace timber planks Reposition / reseal timber planks (Supersedes RMPC 837)	M <sup>2</sup> M <sup>2</sup>	2.17 2.17
4T3 4T4	<b>FOOTWAY-TIMBER SURFACE –PLY SHEETS (4T)</b> Replace ply sheet Reseat ply sheet (Supersedes RMPC 837)	Each Each	2.18 2.18
33T1	<b>TIMBER SPIKING PLANK (33T)</b> Replace spiking plank (Supersedes RMPC 837)	M	2.20
22T1 22T2 22T3	<b>TIMBER GIRDERS (22T)</b> Strengthen split or sniped girder Replace timber girder Place supplementary member (Supersedes RMPC 836)	Each Each Each	2.21 2.21 2.21
22S1 22S2 22S3 22S4 22S5	<b>STEEL GIRDERS (22S)</b> Strengthen steel girder Install top flange restraints Straighten steel girder Replace timber girder with steel girder Replace buckle area	Each Lump sum Each Each Lump sum	2.22 2.22 2.22 2.21 2.22
22O1	<b>APPROVED ALTERNATIVE GIRDERS (22O)</b> Replace girder with approved alternative girder	Each	2.21, 2.23
27T1 27T2	<b>TIMBER CORBELS (27T)</b> Strengthen corbel Replace timber corbel (Supersedes RMPC 834)	Each Each	2.24 2.24
54T1 54T2 54T3 54T4 54T5 54T6	<b>TIMBER HEADSTOCKS (54T)</b> Place supplementary member Reconstruct splice Relocate headstock Jack girders or headstock to level Replace headstock in timber Splice in new headstock section (Supersedes RMPC 835)	Lump sum Each Each Lump sum Each Each	2.26 2.26 2.26 2.26 2.26 2.26

M.A.N	Description	Unit	Clause Reference (Part 3)
	<b>STEEL HEADSTOCKS (54S)</b>		
54S1	Relocate headstock	Each	2.27
54S2	Replace steel headstock	Each	2.27
54S3	Strengthen steel headstock	Each	2.27
54S4	Replace timber headstock with steel alternative	Each	2.26
54S5	Jack girders or headstock to level	Lump sum	2.27
	<b>CONCRETE HEADSTOCKS (54C)</b>		
54C1	Strengthen headstock	Each	2.28, 2.38
	<b>TIMBER PILES (56T)</b>		
56T1	Replace timber pile	Each	2.30
56T2	Splice timber pile	Each	2.30, 2.33
56T3	Place supplementary member	Lump sum	2.30, 2.33
56T4	Provide banding (Supersedes RMPC 833)	Lump sum	2.30
	<b>STEEL PILES (56S)</b>		
56S1	Strengthen steel pile	Lump sum	2.31
56S2	Place new steel pile	Each	2.30, 2.33
	<b>CONCRETE PILES (56P)</b>		
56P1	Place concrete encasement	M	2.32
	<b>TIMBER WING PILES (60T)</b>		
60T1	Replace timber wing pile	Each	2.33
60T2	Stabilise wing pile	Lump Sum	2.31, 2.33, 2.46
	<b>TIMBER BRACING (57T)</b>		
57T1	Replace braces / wales	M	2.30, 2.34
57T2	Add new braces / wales	M	2.31, 2.34
57T3	Remove and replace braces / wales	Lump sum	2.30
57T4	Splice wale	Lump sum	2.34
57T5	Replace struts & fenders (Supersedes RMPC 849)	M	2.34
	<b>STEEL BRACING (57S)</b>		
57S1	Replace steel braces / wales	M	2.35
57S2	Add new steel braces / wales (Supersedes RMPC 822 or 829)	M	2.31, 2.34, 2.35
	<b>TIMBER SILL (59T)</b>		
59T1	Replace sill in timber	M	2.36
59T2	Partially replace sill in timber	M	2.36
59T3	Replace pile connections (Supersedes RMPC 849)	Each	2.36

**Appendix A**

M.A.N	Description	Unit	Clause Reference (Part 3)
	<b>CONCRETE SILL (59C)</b>		
59C1	Replace sill in concrete	M3	2.36
59C2	Partially replace sill in concrete	M3	2.36
59C3	Replace pile connections (Supersedes RMPC 852)	Each	2.37
	<b>CONCRETE ABUTMENT (50C)</b>		
50C1	Reconstruct ballast wall (Supersedes RMPC 852)	M	2.38
	<b>MASONRY ABUTMENT (50O)</b>		
50O1	Repair mortar	M <sup>2</sup>	2.39, 2.44, 2.49
	<b>ABUTMENT SHEETING – TIMBER PLANKS (52T)</b>		
52T1	Replace sheeting planks	M <sup>2</sup>	2.40, 2.46
52T2	Splice sheeting planks	M <sup>2</sup>	2.40, 2.46
52T3	Reposition sheeting (Supersedes RMPC 849)	M <sup>2</sup>	2.40, 2.46
	<b>ABUTMENT SHEETING – CONCRETE PLANKS (52P)</b>		
52P1	Replace concrete planks	M <sup>2</sup>	2.41, 2.47
52P2	Reposition concrete planks (Supersedes RMPC 852)	M <sup>2</sup>	2.41, 2.47
	<b>ABUTMENT INFILL – CONCRETE (52C)</b>		
52C1	Seal gaps – concrete	Lump sum	2.42, 2.44, 2.48, 2.49
52C2	Stabilise wall (Supersedes RMPC 852)	Lump sum	2.41, 2.44, 2.48, 2.49
	<b>ABUTMENT INFILL – ROCKFILL (52O)</b>		
52O1	Place additional rock fill	M <sup>3</sup>	2.43
52O2	Patch grouted surface	Lump sum	2.43
	<b>TIMBER SILL ABUTMENT (52T)</b>		
52T4	Replace abutment log (Superseded RMPC 849)	Each	2.45

M.A.N	Description	Unit	Clause Reference (Part 3)
	<b>PRESERVATION</b>		
100T1	Apply chemical preservative to timber	Lump sum	2.2, 2.6, 2.8, 2.9, 2.13, 2.16, 2.17, 2.20, 2.21, 2.24, 2.26, 2.30, 2.33, 2.34, 2.40, 2.45, 2.4
100T2	Apply preservative grease to timber	Lump sum	2.8, 2.13, 2.17, 2.21, 2.24, 2.26, 2.30, 2.33, 2.34
100T3	Replace or provide metal caps to member ends	Each	2.26, 2.30, 2.33
100T4	Paint or repaint timber	Lump sum	2.2, 2.4, 2.6
100T5	Apply end sealant	Lump sum	2.9, 2.18
100T6	Reapply non-slip surfacing	M <sup>2</sup>	2.18
100T7	Place bituminous felt	Lump sum	
110T1	Drill and inject termicide poison into timber	Lump sum	2.21, 2.24, 2.26, 2.30
110T2	Poison termite nest or trails (Supersedes RMPC 839)	Lump sum	2.33, 2.6, 2.26
	<b>MISCELLANEOUS TIMBER</b>		
120T1	Install distributor planks (HW)	M	2.8, 2.9
120T2	Replace and retighten distributor planks (HW) (Supersedes RMPC 849)	M	2.8, 2.9
	<b>STEELWORK</b>		
100S1	Spot clean and paint steelwork	Lump sum	2.3, 2.4, 2.14, 2.19, 2.22, 2.27
100S2	Clean and paint bolts, nuts and washers	Lump sum	2.3, 2.4, 2.16, 2.22,
100S3	Clean and paint steelwork	Lump sum	2.27, 2.31, 2.35 2.3, 2.4, 2.5, 2.8, 2.11, 2.12, 2.14, 2.19, 2.22, 2.27, 2.31, 2.35,
100S4	Clean and paint stressing bars (Supersedes RMPC 820)	Each	2.16
110S1	Repair cracked weld	M	2.3, 2.8, 2.12, 2.14, 2.26, 2.33
110S2	Repair corroded plate (Supersedes RMPC 822)	Lump sum	2.19



M.A.N	Description	Unit	Clause Reference (Part 3)
120S1	Tighten existing bolts	Lump sum	2.2, 2.3, 2.4, 2.6, 2.7, 2.8, 2.9, 2.11, 2.12, 2.13, 2.14, 2.16, 2.20, 2.21, 2.24, 2.25, 2.26, 2.27, 2.30, 2.31, 2.34, 2.35
120S2	Replace or install bolts	Each	2.2, 2.3, 2.4, 2.6, 2.7, 2.8, 2.9, 2.11, 2.12, 2.13, 2.14, 2.16, 2.21, 2.22, 2.23, 2.24, 2.25, 2.26, 2.29, 2.30, 2.31, 2.34, 2.35
120S3	Replace anchor bolts		
120S4			
	Install large size washers	Each	2.3, 2.4, 2.16
120S5	Replace rivets	Each	2.9
120S6	Tighten footpath fasteners	Each	2.22, 2.35
120S7	Replace footpath fasteners	Each	2.17, 2.18
120S8	Supply new bolts	Each	2.17, 2.18
120S9	Screws to ply footpath sheets (Supersedes RMPC 802, 803, 809)	Kg Kg	
130S1	Install channel tie-downs	M	2.9, 2.12
130S2	Replace channel tie-downs	M	2.12
130S3	Install distributors (Steel)	M	2.8, 2.9
130S4	Replace distributors (Steel)	M	2.8, 2.9, 2.11
140S1	Clean corroded reinforcing	Lump sum	2.7, 2.10, 2.11, 2.15, 2.25, 2.28, 2.29, 2.32, 2.37, 2.38, 2.48
140S2	Replace reinforcing (Supersedes RMPC 852)	Tonnes	2.10, 2.15, 2.18, 2.29, 2.32, 2.37, 2.38
100C1	<b>CONCRETE</b> Break back cracked concrete	M <sup>2</sup>	2.7, 2.10, 2.12, 2.25, 2.29, 2.28, 2.32, 2.37, 2.38, 2.42, 2.44, 2.48, 2.49
100C2	Fill cracks with epoxy	Lump sum	2.10, 2.11, 2.15, 2.29, 2.28, 2.32, 2.37, 2.38,
100C3	Patch concrete	Lump sum	2.7, 2.10, 2.11, 2.15, 2.25, 2.28, 2.29, 2.32, 2.37, 2.38, 2.42, 2.44, 2.48, 2.49
100C4	Strengthen bearing area (Supersedes RMPC 852)	Lump sum	2.28, 2.29, 2.38

M.A.N	Description	Unit	Clause Reference (Part 3)
	<b>MISCELLANEOUS</b>		
100 M 1	Recamber girders (Supersedes RMPC 849)	Lump sum	2.8
100 M 2	Reinstate backfill	Lump sum	2.38, 2.39, 2.40, 2.41, 2.42, 2.43, 2.44, 2.45, 2.46, 2.47
100 M 3	Repair scour	Lump sum	2.33, 2.36, 2.37, 2.38, 2.39, 2.42, 2.43, 2.44, 2.48, 2.49
100 M 4	Provide weepholes	Each	2.42, 2.44
100 M 5	Clean out weepholes (Supersedes RMPC 854)	Each	2.42, 2.44
100 M 6	Provide new scuppers	Each	2.1, 2.15
100 M7	Lay 3mm galvanised steel plate decking	M <sup>2</sup>	
100 M 8	Lay tingling	M	
100 M 9	Place emergency propping(Supersedes RMPC 832)	Lump sum	2.12, 2.26
100 M 10	Place / reinstate relieving props(Supersedes RMPC 832)	Lump sum	2.30, 2.36, 2.45
100 M 11	Routine servicing – clear blocked scuppers; remove vegetation (Supersedes RMPC 801, 802, 803)	M	2.1, 2.15

**Appendix A**

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