



2 Brief

- 2.1 This report was requested by Melbourn Parish Council on 22nd April 2021. The tree survey was conducted on 14th June 2021 (all sites except Royston Road) and 31st August 2021 (Royston Road only). I am instructed to undertake a health & safety tree survey at several sites across the Parish to identify structural defects in trees and to make recommendations for tree surgery operations to eliminate a risk, or mitigate a risk to an acceptable level, proportionate to the nature and the location of the trees. Trees have been plotted on an Ordnance Survey base map using Geographical Positioning System (GPS) to a level of accuracy that is sufficient to identify the location of the trees, typically +/- 2 metres.
- 2.2 The previous arboricultural report of Argenta Tree Surveys Ltd of August 2019 captured trees numbered from 1 to 61. This current report adds to those numbers in respect of the Royston Road site, which was not surveyed in 2019. Trees in the Royston Road site (surveyed August 2021) are numbered from 62 to 92.





3 Summary of findings and recommendations

3.1 The trees are located at four sites across the Parish and their locations are shown on four separate maps.

3.2 Overall, the health and condition of trees is good and there are no emergency works required. Nine trees have been identified for remedial safety works (to be undertaken within twelve months of receipt of this report).

- Below: Table – Summary of tree surgery recommendations

Tree number	Map number / name	Species	Site	Tree surgery	Priority
9	INSET 2 The Moor play area	Birch	The Moor play area	Shorten over extended limbs on north side of crown (growing towards houses) by approximately 4 metres	2
11	INSET 2 The Moor play area	Birch	The Moor play area	Shorten over extended limbs on north side of crown (growing towards houses) by approximately 4 metres	2
64	Royston Road	Lombardy Poplar	Royston Road	Remove dead wood	2



80	Royston Road	Lombardy Poplar	Royston Road	Fell to ground level	2
81	Royston Road	Lombardy Poplar	Royston Road	Fell to ground level	2
82	Royston Road	Lombardy Poplar	Royston Road	Remove dead wood	2
85	Royston Road	Lombardy Poplar	Royston Road	Fell to ground level	2
86	Royston Road	Lombardy Poplar	Royston Road	Fell to ground level	2
90	Royston Road	Lombardy Poplar	Royston Road	Fell to ground level	2

3.3 Recommendations for cyclical expert re-inspection after this initial survey will not require that all the trees be re-inspected unless it is time to look at them again. For example, 12 months after the date of this report it may only be necessary to inspect the 'Zone 1' trees.

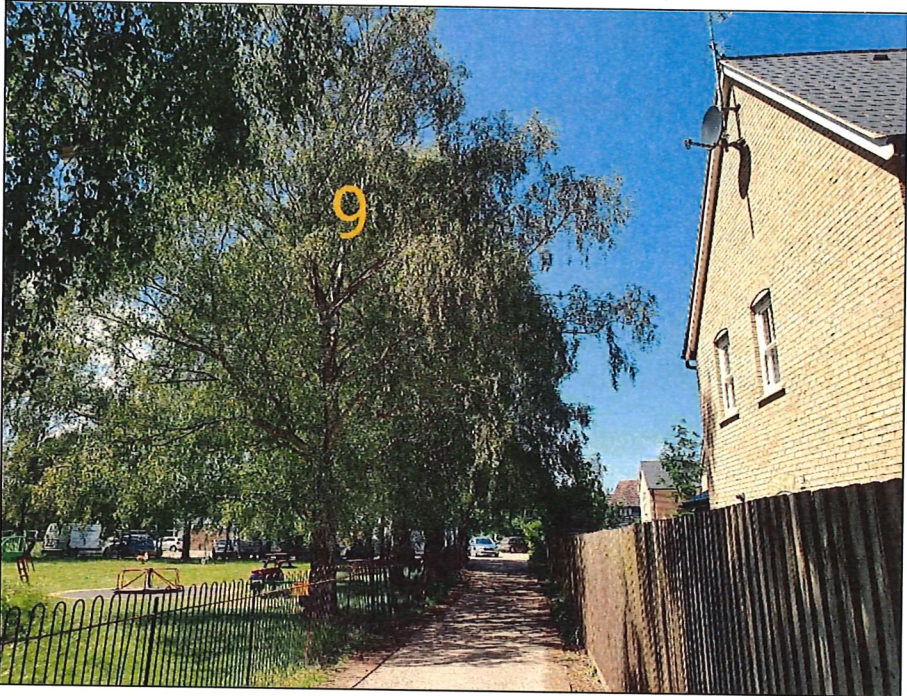
3.4 Subsequent inspections will require renewal of the Ordnance Survey map Licence.

3.5 Photographs are shown below with their tree number which can be cross-referred with the tree survey schedule.





- Below: Tree 9 (Birch) – Over-extended limbs growing towards houses



- Below: Tree 11 (Birch) – Over-extended limbs growing towards houses





- Below: Trees 80 & 81 (Poplar) – Tree 80 is dead. Tree 81 is partially dead and has a precarious ‘subsiding’ stem leaning over the road

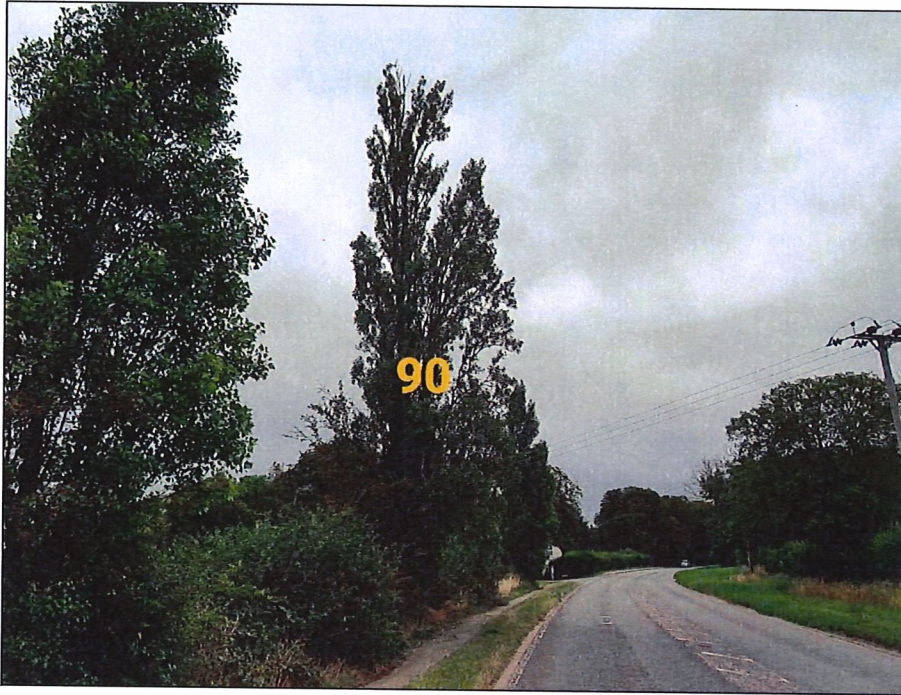


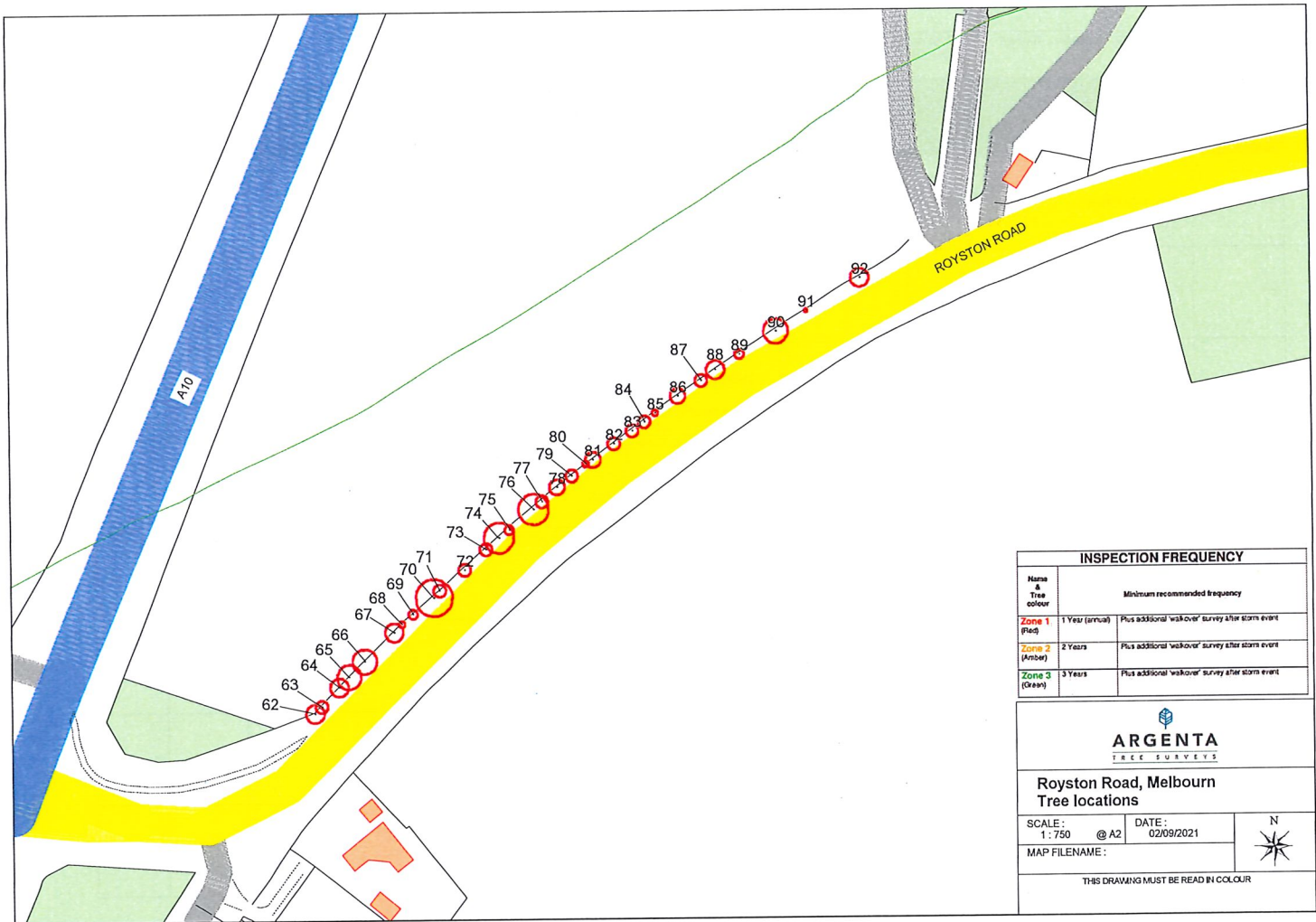
- Below: Tree 82 (Poplar) – Dieback in upper crown





- Below: Tree 90 (Poplar) – Dying back and large ‘subsiding’ stem leaning over the road





Site name: Royston Road, Melbourn, Cambs
 Surveyor: Ian Lorman

Date of survey: 31 August 2021
 Conditions: Clear / dry / still

Tree number	Species	Height estim (m)	Stem Diam (s) estim (mm) No. of	Crown spread Ave rad estim (m)	Life stage	Observations, structural / physiological condition and any tree work recommendations	Priority / urgency of work	Zone value
62	Lombardy Poplar	14	400	3	Mature	Crown - Fair, Stem - Fair, Basal Area - Fair No action Minor dead wood in lower crown. Dense Ivy on trunk	0	1
63	Lombardy Poplar	12	400	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
64	Lombardy Poplar	12	400	3	Mature	Crown - Poor, Stem - Fair, Basal Area - Fair Remove dead wood Considerable dieback in top. Dense Ivy on trunk	2	1
65	Hybrid Poplar	10	250	4	Early-mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
66	Hybrid Poplar	10	250	4	Early-mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
67	Lombardy Poplar	13	400	3	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
68	Lombardy Poplar	7	200	1	Early-mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Stunted. Dense Ivy on trunk	0	1
69	Lombardy Poplar	12	300	1.5	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1

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Tree number	Species	Height estim (m)	Stem Diam (S) estim (mm) No. of	Crown spread Ave rad estim (m)	Life stage				
70	Hybrid Poplar	13	400	6	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
71	Lombardy Poplar	13	300	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
72	Lombardy Poplar	13	300	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
73	Lombardy Poplar	13	400	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
74	Hybrid Poplar	13	400	5	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
75	Lombardy Poplar	13	300	1.5	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
76	Hybrid Poplar	13	400	5	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	
77	Lombardy Poplar	13	300	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1	

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78	Lombardy Poplar	14	400	2.5	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
79	Lombardy Poplar	12	300	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
80	Lombardy Poplar	10	300	1	Early-mature	Dead Fell	2	1
81	Lombardy Poplar	10	300	2.5	Mature	Crown - Poor, Stem - Fair, Basal Area - Fair Fell Considerable dieback in top of crown. Subsiding co-dominant leader in southwest leaning towards road with risk of snapping out	2	1
82	Lombardy Poplar	12	300	2	Mature	Crown - Fair, Stem - Fair, Basal Area - Fair Remove dead wood Dieback in upper crown. Dense Ivy on trunk	2	1
83	Lombardy Poplar	13	300	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
84	Lombardy Poplar	14	400	2	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1
85	Lombardy Poplar	3	300	1	Mature	Fell Dead	2	1

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Tree number	Species	Height estim (m)	Stem Diam (S) estim (mm) No. of	Crown spread Ave rad estim (m)	Life stage	Observations, structural / physiological condition and any tree work recommendations	Priority / urgency of work	Zone value
86	Lombardy Poplar	13	400	2.5	Mature	Crown - Good, Stem - Fair, Basal Area - Fair Fell Subsiding co-dominant leader on east side with risk of snapping out. Dense Ivy on trunk	2	1
87	Lombardy Poplar	13	300	2	Mature	Crown - Good, Stem - Good, Basal Area - Fair No action Dense Ivy on trunk	0	1
88	Hybrid Poplar	10	200	3	Early-mature	Crown - Good, Stem - Good, Basal Area - Good No action Stake still attached. Ivy beginning to establish	0	1
89	Lombardy Poplar	9	150	1.5	Mature	Crown - Good, Stem - Good, Basal Area - Good No action No notable defects	0	1
90	Lombardy Poplar	15	400	4	Mature	Crown - Fair, Stem - Fair, Basal Area - Fair Fell Dieback in top and moderate dead wood throughout. Dense Ivy on trunk. Large subsiding co-dominant leader on south east side leaning towards road with risk of snapping out	2	1
91	Lombardy Poplar	6	125	0.5	Mature	Crown - Poor, Stem - Fair, Basal Area - Fair No action Stunted. Dense Ivy on trunk	0	1
92	Lombardy Poplar	14	400	3	Mature	Crown - Good, Stem - Fair, Basal Area - Fair No action Dense Ivy on trunk	0	1

