

APPENDIX 18D Trees within Tree Management Works Zone for Proposed Route

Appendix 18D: Individual Trees within Tree Management Works Zone for Proposed Route

Map Frame No	Ref	Species	Height	Max Crown	DBH	Condition	Age	BS5837 TQA	Protected Species Potential	SULE	Notes
1	T123	Goat Willow	8	8	400	Good	Semi Mature	C	Low	Medium	
1	T124	Sycamore	20	15	800	Poor	Mature	R	Medium	Short	
1	T216	Goat Willow	10	7	600	Good	Young	C	Low	Medium	
1	T372	Goat Willow	8	6	500	Good	Early Mature	C	Low	Medium	Position and details estimated from road
1	T450	English Oak	12	12	700	Good	Mature	A	Medium	Long	
1	T685	English Oak	5	5	600	Poor	Mature	C	Medium	Short	Senescent, 2m wound up stem, major stem decay, major crown fire back, major deadwood
1	T690	English Oak	5	8	350	Fair	Young	C	Low	Medium	Bifurcate stem splitting
1 and 2	T137	Alder	10	6	500	Fair	Mature	C	Low	Short	
1 and 2	T138	Alder	6	6	400	Poor	Mature	R	Medium	Short	
1 and 2	T139	Alder	7	8	450	Poor	Mature	R	High	Short	Multi-stemmed
1 and 2	T143	Ash	14	10	600	Fair	Mature	C	Medium	Medium	
2	T125	English Oak	14	12	1200	Fair	Veteran	B	Medium	Long	
2	T131	English Oak	12	10	600	Good	Mature	B	Low	Long	
2	T132	English Oak	9	9	500	Poor	Mature	R	Medium	Short	
2	T133	English Oak	12	12	500	Fair	Mature	B	Low	Medium	
2	T217	English Oak	14	16	600	Good	Mature	B	Low	Long	
2 and 3	T146	Cherry species	10	12	550	Poor	Mature	R	Medium	Dead	
2 and 3	T147	Cherry species	11	8	350	Poor	Mature	C	Low	Short	
2 and 3	T148	Cherry species	11	10	400	Poor	Mature	C	Low	Short	
2 and 3	T156	Sycamore	12	12	500	Fair	Mature	B	Low	Medium	
2 and 3	T228	Sycamore	16	8	400	Good	Mature	C	Low	Long	15 degree lean
2 and 3	T229	English Oak	11	10	500	Fair	Mature	B	High	Medium	Ivy on scaffold limbs
2 and 3	T230	English Oak	16	14	500	Good	Mature	A	Medium	Long	Good form. Minor deadwood
3	T191	English Oak	8	12	500	Fair	Mature	B	High	Long	
3	T200	English Oak	8	10	550	Good	Mature	B	Medium	Long	

Map Frame No	Ref	Species	Height	Max Crown	DBH	Condition	Age	BS5837 TQA	Protected Species Potential	SULE	Notes
3	T201	English Oak	13	14	750	Good	Mature	B	Medium	Long	
3	T252	English Oak	12	12	450	Good	Semi Mature	B	Medium	Long	Good form
3	T253	English Oak	5	8	400	Poor	Semi Mature	C	Low	Long	Highly suppressed
3	T254	Alder	8	7	1000	Fair	Semi Mature	C	Medium	Medium	Previous leader failures
3	T255	English Oak	16	14	650	Good	Mature	A	Medium	Long	Minor deadwood
3	T268	English Oak	12	12	600	Fair	Mature	B	Medium	Long	Minor deadwood and dieback
3 and 4	T211	English Oak	14	12	550	Good	Mature	A	Medium	Long	
3 and 4	T279	English Oak	16	18	1100	Good	Mature	B	High	Long	Minor deadwood
3 and 4	T280	English Oak	17	17	600	Good	Mature	A	Medium	Long	10 degree South-east lean
3 and 4	T281	English Oak	17	14	600	Good	Mature	B	Medium	Long	Ivy on trunk and scaffold
3 and 4	T282	English Oak	15	16	950	Good	Mature	B	Medium	Long	Minor deadwood
4	T1	English Oak	14	10	550	Good	Mature	B	Medium	Long	
4	T296	English Oak	13	14	1100	Good	Mature	A	Medium	Long	Basally bifurcate
4	T340	Ash	18	14	650	Good	Mature	B	Low	Long	
4 and 5	T12	Oak species	17	12	1150	Good	Mature	A	Medium	Long	
4 and 5	T9	English Oak	16	10	950	Good	Mature	B	Medium	Long	
5	T14	Oak species	12	11	450	Good	Semi Mature	B	Medium	Long	
5	T308	Oak species	15	16	500	Fair	Mature	B	Medium	Long	
5	T309	Oak species	14	16	700	Good	Mature	B	Medium	Long	
5	T310	English Oak	18	8	450	Fair	Semi Mature	B	Low	Long	
5	T315	Oak species	11	14	800	Good	Mature	B	Medium	Long	Ivy on stem and scaffold
5	T316	English Oak	14	12	500	Good	Mature	B	Medium	Long	
5	T320	Oak species	8	8	600	Poor	Mature	R	High	Short	
5	T336	English Oak	13	12	400	Fair	Semi Mature	B	Medium	Long	
5 and 6	T15	Oak species	14	18	800	Good	Mature	B	Medium	Long	
5 and 6	T300	Oak species	20	16	1150	Good	Mature	A	High	Long	
5 and 6	T302	Oak species	14	8	600	Fair	Semi Mature	C	Low	Long	

Appendix 18 D: Trees within Tree Management Works Zone for Proposed Route

Map Frame No	Ref	Species	Height	Max Crown	DBH	Condition	Age	BS5837 TQA	Protected Species Potential	SULE	Notes
5 and 6	T303	Oak species	14	12	550	Fair	Mature	C	Medium	Long	
5 and 6	T304	Oak species	14	12	650	Good	Mature	B	Medium	Long	
5 and 6	T305	Oak species	11	8	450	Fair	Semi Mature	B	Low	Long	
5 and 6	T330	Ash	21	18	500	Good	Semi Mature	B	Low	Long	
5 and 6	T331	Ash	28	12	750	Fair	Mature	B	Medium	Medium	
5 and 6	T332	Sycamore	18	10	450	Poor	Mature	C	Low	Medium	
6	T338	English Oak	14	13	600	Good	Semi Mature	A	Medium	Long	
6	T342	English Oak	18	10	750	Good	Mature	B	High	Long	
6	T348	English Oak	20	17	1000	Good	Mature	A	Medium	Long	Good form
6	T349	English Oak	10	6	500	Removal	Mature	R	Medium	Short	Good deadwood habitat
6	T350	English Oak	20	15	750	Fair	Mature	B	Medium	Long	
7	T360	English Oak	13	12	500	Good	Semi Mature	B	Low	Long	
7	T361	English Oak	13	8	450	Good	Semi Mature	C	Low	Long	Bifurcate mid stem
7	T381	English Oak	13	14	700	Fair	Mature	B	Medium	Long	
7	T390	Ash	14	10	500	Fair	Early Mature	C	Low	Long	Basal multi-stemmed
7	T391	English Oak	13	12	700	Excellent	Mature	A	Medium	Long	Good form
7	T404	Ash	13	5	400	Fair	Semi Mature	B	Low	Long	Suppressed
7	T405	English Oak	14	12	500	Good	Semi Mature	B	Low	Long	Asymmetric due to adjacent Ash
7	T406	English Oak	22	22	2000	Excellent	Early Mature	A	High	Long	Good form
8	T40	Ash	14	10	400	Fair	Early Mature	B	Medium	Long	
8	T417	English Oak	18	16	1000	Excellent	Mature	A	Medium	Long	Good form
8	T52	Oak species	15	12	650	Good	Mature	B	Medium	Dead	Ivy on stem and inner crown
8	T697	Oak species	18	15	1200	Good	Mature	A	Medium	Long	Good form
8	T703	Crack Willow	18	12	450	Good	Mature	B	Low	Medium	Multistemmed basal
8	T722	English Oak	12	18	650	Good	Mature	A	Low	Long	
8	T723	Sycamore	15	16	0	Fair	Mature	B	Medium	Medium	Hedgerow, minor deadwood, minor die back

Appendix 18 D: Trees within Tree Management Works Zone for Proposed Route

Map Frame No	Ref	Species	Height	Max Crown	DBH	Condition	Age	BS5837 TQA	Protected Species Potential	SULE	Notes
8	T726	Holly	7	8	50	Fair	Semi Mature	B	Low	Long	Flailed holly and hawthorn
9	T76	Oak species	18	16	1000	Good	Mature	A	High	Long	
9	T79	English Oak	18	19	900	Good	Mature	B	High	Long	
9 and 10	T683	English Oak	14	14	850	Fair	Mature	B	Low	Long	Root damage due to deep ploughing, tree banded 1m above field level, sprouting shoots on stem and crown, previous branch failure, hazard beam, moderate cavity at 2m and poor pruning wound, minor deadwood to 5cm diameter, minor dieback
9 and 10	T84	English Oak	15	13	750	Good	Mature	B	Medium	Long	
10	T657	English Oak	10	7	950	Poor	Mature	C	Low	Dead	Standing deadwood
10	T669	English Oak	14	13	800	Fair	Mature	B	Low	Long	Compaction at base, exposed roots, minor deadwood, browsing damage to lower crown, stem bifurcate at 3m
10	T679	Ash	18	16	1200	Fair	Mature	B	Medium	Long	Stream side, basal erosion exposing roots along bank, stem bifurcate at 2.5m with included union, previous scaffold failure, exudate from wounds, large diameter sprouting shoots in crown
10	T680	English Oak	14	14	800	Fair	Mature	B	Low	Long	On stream bank side, erosion of major roots, self corrected lean, stem bifurcate at 2m, stem over stream subsiding, partial failure of top part, moderate dieback and deadwood to 7cm diameter, small leaf size
10 and 11	T660	English Oak	18	18	1200	Fair	Mature	B	Low	Long	Moderate basal cavity, poaching damage, large scaffold failure, minor deadwood to 10cm diameter
11	T572	English Oak	19	17	1200	Good	Mature	A	Low	Long	Erosion and exposed root plate, major reaction growth buttressing, moderate deadwood to 15cm diameter, hung-up failed branch, previous branch failure, visually dominant
11	T573	English Oak	12	12	900	Poor	Mature	B	Medium	Long	Possible lightning strike, major longitudinal wound to 3m, stem occlusion, major stem decay, nest in stem decay cavity, minor die back and deadwood, sprouting shoots throughout crown
11	T574	English Oak	11	13	550	Poor	Mature	C	Medium	Long	Longitudinal stem wound to crown break , 50% of stem and roots affected, associated major stem decay, previous scaffold branch failure
11	T575	Ash	19	18	1300	Fair	Mature	A	Medium	Long	Visually dominant, inspection obscured by hedge at base, longitudinal seams with included bark from base to 3m, ivy on stem and lower crown, basal swelling, previous scaffold failure x 2

Map Frame No	Ref	Species	Height	Max Crown	DBH	Condition	Age	BS5837 TQA	Protected Species Potential	SULE	Notes
11	T577	English Oak	11	15	850	Fair	Mature	B	Low	Long	Basal compaction and ploughing damage, browsing damage to exposed roots, major basal swelling to south side, longitudinal bark cracks, poor pruning wounds, sprouting shoots on upper stem and crown, moderate deadwood to 15cm diameter
11	T580	Ash	9	9	300	Fair	Early Mature	B	Low	Long	Stem bifurcate at 2m, good form, minor deadwood to 2cm diameter
11	T581	Sycamore	12	13	500	Fair	Mature	B	Low	Long	Stem arising at right angle from stool, bifurcate at 2m, ivy throughout crown, inspection limited by hedge, good crown form
11	T606	Sycamore	15	14	1200	Fair	Mature	A	Medium	Long	Compaction around stem base, water filled ditch to west, good form, lowest scaffold branch subsiding
11	T607	English Oak	17	16	1250	Fair	Mature	B	Medium	Long	Moderate basal cavity, moderate root damage, exposed roots, previous scaffold branch failure, hazard beam branch, moderate deadwood to 15cm diameter, slightly thin crown
11	T611	English Oak	15	16	1250	Fair	Mature	B	Low	Long	Browsing damage to base, root damage and compaction, major helical seam from base to crown break, major deadwood to 20cm diameter, previous scaffold branch failure, good form
11	T614	English Oak	18	16	1050	Fair	Mature	A	Medium	Long	Stem base obscured by vegetation, visually dominant, previous branch failure, minor deadwood to 1cm diameter, hung up branch
11	T615	Sycamore	19	17	1000	Fair	Mature	B	Low	Long	Stem base obscured by vegetation, ivy up stem, bifurcate at 4m, high crown, slightly thin
11 and 12	T590	English Oak	10	7	1050	Poor	Veteran	B	Medium	Long	In decline, crown retrenchment, stag-headed, all new growth epicormic, deadwood to 20cm
11 and 12	T597	English Oak	18	19	1300	Fair	Mature	A	Low	Long	Visually dominant, compaction at base, stilted roots, minor basal decay cavities, moderate deadwood to 10cm diameter, hung up branch, longitudinal helical seam from base to crown break, crowded crown break
12	T589	English Oak	16	16	1100	Fair	Mature	B	Medium	Long	Erosion at base, exposed roots, stem bifurcate at 2.5m with included bark, moderate dieback particularly over ditch, deadwood to 7cm diameter
12	T619	Sycamore	13	13	600	Fair	Semi Mature	B	Medium	Long	Stem trifurcate at base, base obscured by hedge, ivy in crown, mid-stem failure at 3m, pruned away from road

Map Frame No	Ref	Species	Height	Max Crown	DBH	Condition	Age	BS5837 TQA	Protected Species Potential	SULE	Notes
12	T620	Ash	14	12	800	Fair	Mature	B	Low	Long	Base obscured by vegetation, slight bottle base, sprouting shoots from base, ivy up stem, moderate dieback and deadwood to 7cm diameter, mechanical damage, minor branch subsidence
12	T621	Ash	16	14	1000	Fair	Mature	B	Medium	Medium	Longitudinal stem wound, partially occluded, possible minor decay, obscured by ivy, stem bifurcate at 3m, moderate deadwood to 10cm diameter over highway, moderate dieback, previous scaffold branch failure
12	T633	Sycamore	18	16	1500	Good	Mature	A	Low	Long	Major buttressing, exposed roots, visually dominant, good form, minor deadwood
13	T553	Ash	15	13	500	Fair	Mature	B	Medium	Long	Browsing damage to base, moderate deadwood to 10cm diameter, stem wound at 0.5m
13	T554	Alder	13	14	1100	Poor	Mature	C	Low	Medium	Basal stem cavity, 3 x ganoderma fungal fruiting body at 1-2m, reaction growth cording to 2m, weeping wounds, 70% die back northwest crown, moderate deadwood to 20cm diameter
14	T531	English Oak	14	15	750	Good	Mature	A	Medium	Long	Slight leaf chlorosis, sprouting shoots in crown, long seams on stem, minor deadwood
14	T532	Crab-apple	7	14	450	Fair	Mature	B	Medium	Medium	Asymmetric crown, sprouting shoots on stem
14	T533	English Oak	12	17	900	Fair	Mature	A	Low	Long	Previous browsing damage to base, possible basal decay, poor pruning wounds, sprouting shoots on stem crown, minor deadwood
14	T534	Field Maple	9	13	500	Poor	Mature	C	Low	Short	Stem bifurcate at 1.5m, stem bleeding, in decline, scaffold branch limb failing
14 and 15	T528	English Oak	15	15	100	Fair	Mature	C	High	Medium	Moderate deadwood to 15cms diameter, small leaf size, moderate dieback
14 and 15	T563	Sycamore	18	17	500	Fair	Mature	B		Long	Stem bifurcate at 3m, minor deadwood to 10cm diameter, previous branch failure, basal sweep
15	T717	Sweet Chestnut	19	6	800	Poor	Mature	R	Low	Short	5% of trunk live to 8m
15	T719	English Oak	14	10	600	Good	Mature	B	Medium	Long	
16	T492	Ash	20	14	850	Poor	Mature	C	Medium	Short	Several large Ash Heart Rot fungal fruiting brackets, moderate dieback
16	T493	Aspen	17	13	800	Poor	Semi Mature	C	Low	Short	Stem basally bifurcate. asymmetric crown to north, moderate dieback