Job No's (operational use only)	Street	Tree Location	Total Trees Considered on Street at this time	Tree Species	Primary reason for tree being identified for replacement	Date(s) of ITP Site Work	Streetwide Technical or Observed Issues the ITP wish to bring to SCC's attention	House holds on Street	Respondents Number	Respondents %	Number of Respondents Disagreeing with Proposals	% of Respondents Disagreeing with Proposals	% of Households Disagreeing with Proposals	ITP Tree Category	Summary of ITP Advice (Note where plural, this is due to copying to avoid any errors from mix-types from a letter which groups trees, to a format which deals with trees individually)	Actions required to consider the advice	Streets Ahead Response	Response Prepared by	Decision on Further Action	Decision Made by	Amey's Comments	Streets Ahead Proposal	Streets Ahead Reasons for Proposal	Response Prepared by	Final Decision	Reasons for Decision	Final Decision Made by (Print name)	Final Decision Made by (Designation)	Final Decision Made by (Signature)	Date of Final Decision	Other Parties involved in recommendation following ITP recommendation
12023239	Edgebrook Road	opp 28	1	Tilia x europea	Rooting into c/w - no way to repair with tree insitu, kerbs absent	24/06/16 and 11/07/16	None	25	8	32.00%	6	75.00%	24.00%	Tree which is healthy	The tree, outside number 28, is in good condition and has good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of this tree. The tree is causing some disruption to the pavement and displacement of kerb stones. We believe engineering solutions, including 1, 3 and 7, would enable this tree to be retained. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Replace tree as planned	SCC - Environmental Maintenance Technical Officer	N/A	N/A	This tree is rooting into the carriageway and the kerb line is missing	Engineering assessment as to whether the advice can be implemented within the Council's published guidance	Engineering assessment has shown that the ITP advice cannot be implemented within the Council's published tolerances and design guidelines	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023186	Sandford Grove Road	opposite 70	2	Platanus x hispanica	Kerbstones absent and c/w obstructed, cannot repair to specification without extensive root damage	24/06/16 and 11/07/16	We noted that the two trees are in on short section of the street.	108	13	12.04%	8	61.54%	7.41%	Trees which are healthy	The two trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. The tree opposite 70 has been the subject of a relatively recent repair, with the use of a thin kerb. The pavement has been made good. We advise that there is no need to remove and replace this tree.	Re-inspect this tree and see why the damage no longer appears to be a problem	C3P teams have successfully carried out repair and ramping on site, this tree no longer requires removal	SCC - Environmental Maintenance Technical Officer	N/A	N/A	C3P teams have successfully carried out repair and ramping on site, this tree no longer requires removal	Cancel fall job as engineering solutions have been successfully applied	Engineering solutions have been successfully applied	SCC Environmental Technical Officer	Retain Tree	Tree retained by engineering solutions	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023100		o/s 82 (opp 75)		Platanus x hispanica	Extensive kerb disruption - impossible to adequately repair without tree removal									Trees which are healthy	The two trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. The tree outside 82 (opposite 75) is causing significant damage to the pavement, kerb and probably the carriageway. We advise that the extent of this damage would be difficult to resolve and that this would justify the removal and replacement of this tree.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12024003	Robertson Drive	o/s 18	2	Prunus serrulata	TR: Felling: - Dead	01/07/2016	None	22	2	9.09%	2	100.00%	9.09%	Trees which are dead	The trees outside number 18 is dead. We advise that this tree should be removed and replaced.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12024001		o/s 17-19		Acer platanoides	TR: Felling: - Extensive rooting within c/w, will be severed upon road surfacing + unable to repair without root(tree) removal									Trees which are healthy	The tree outside number 17-19 is a maple and is in good condition. We advise that there is no arboricultural need to remove this tree. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of this tree. We consider that engineering solution 7 would enable the retention of this tree. We advise the Council to consider this.	Inspect to see if solution could be effective and practicable	Roots should not be pruned within the root protection area defined in BS5837. According to NJUG roots of up to 20mm can be pruned, however it is preferable that this is assessed on a root by root basis by an experienced specialist as pruning the 'wrong root' can have an adverse effect on the stability or future vitality of the tree.	SCC - (Environmental Maintenance Engineer)	N/A	N/A	Root pruning is not advisable due to the detrimental effect it will have on both the tree's structural stability as well as disease susceptibility.	Continue with tree replacement as planned.	Roots should not be pruned within the root protection area defined in BS5837. According to NJUG roots of up to 20mm can be pruned, however it is preferable that this is assessed on a root by root basis by an experienced specialist as pruning the 'wrong root' can have an adverse effect on the stability or future vitality of the tree.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12024007	Northfield Avenue	o/s 41	2	Prunus x hillieri spire	TR: Felling: - Significant lateral rooting at surface - cannot resurface adequately	01/07/2016	None	12	7	58.33%	7	100.00%	58.33%	Trees which are diseased or damaged	The tree outside number 41 has reduced vitality, impact wounds and infection. The tree is also causing damage to the pavement. We advise that this tree should be removed and replaced.	Check that Amey were aware of the reduced vitality	We need to ensure that all are agreed on the state of each tree.	SCC - (Environmental Maintenance Engineer)	Continue with check	SCC - (Head of Highway Maintenance)	this is a cherry in fair overall condition but with symptoms of Pseudomonas syringae PV morans (bacterial canker common in cherry) and potentially Mycus cerrasi (cherry blackfly) both of which are extremely common on Prunus sp. I would agree that the tree has reduced vitality, bark wounding and infection but on their own I wouldn't fell the tree for those reasons; the footway damage just tips the balance in my view towards removal and replacement	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	Amey (Pre-site Technician)
12024010		o/s 9		Sorbus aucuparia	TR: Felling: - Significant lateral rooting at surface - cannot resurface adequately									Trees which are healthy	The tree outside number 9 is in good condition We advise that there is no arboricultural need to remove this tree. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of this tree. The tree is causing some damage to the pavement. We consider that engineering solutions 7 and 10 could enable this tree to be retained. We advise the Council to consider this.	Recommend that a root excavation exercise takes place on this or similar trees to allow further assessment of the practicalibilties of the ITP advice	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12014208		opp 12		Platanus x hispanica	Kerbs missing, cannot install - completely unable to root prune, work round/reinstate: buttresses in carriageway.									Tree which is not present	The tree opposite number 12 is not present, and appears to have been previously removed.	Unauthorised removal	Investigation has shown this to be an unauthorised removal, not undertaken by Streets Ahead	SCC - Environmental Maintenance Engineer)	Amey to raise replanting job	N/A	N/A	This tree has already been removed	Raise replant job due to unauthorised removal	SCC Environmental Technical Officer	Replant tree	Tree removed without Authorisation by unknown third party	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023047		o/s 6		Platanus x hispanica	F/W uplifted and kerbs displaced by roots - likely to be damaged upon reconstruction									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 6 is causing significant damage to the pavement and kerb. We advise that the extent of this damage justifies the removal and replacement of this tree.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023053		o/s 11		Platanus x hispanica	Extensive f/w damage, growing within c/w - no kerbstones									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 11 is causing damage to the pavement and kerb, and is also leaning into the carriageway. We advise that road safety considerations justify the removal and replacement of this tree.	None Required	Replace tree as planned. **Note that this tree is referred to again in this letter below, which we believe to be a typo.**	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023061		o/s 46-44		Platanus x hispanica	Extensive f/w damage, growing within c/w - no kerbstones									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 46-44 is causing significant damage to the kerb, and probably to an adjacent drainage gully. We advise that the extent of this damage justifies the removal and replacement of this tree.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023051	Swaledale Road	o/s 5	9	Platanus x hispanica	Kerbs absent, unable to install/repair without severe root damage	24/06/16 and 11/07/16	None	63	25	39.68%	13	52.00%	20.63%	Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees outside numbers 5, 11, 24, 29, 50 and 52a are causing some damage to the pavement and kerb. We consider that it would be feasible to retain these trees by a combination of engineering solutions 1, 3, 7 and 12, requiring the excavation and re-profiling of the footway, root pruning, use of thinner profile kerbs and making good tree pits where these are present. We advise the Council to consider these options.	Assess site to verify we agree with options given. Request Amey to design if required	Excavation work to date has considered specific points, largely around kerb line replacement. We now want to carry out a formal study into the viability of excavation beneath the roots of a live highway tree and root bending as previous academic studies in Sheffield have shown this to not be a viable means of retaining highway trees.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023049		o/s 24		Platanus x hispanica	Kerbs absent, unable to install/repair without sever+G26 root damage									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees outside numbers 5, 11, 24, 29, 50 and 52a are causing some damage to the pavement and kerb. We consider that it would be feasible to retain these trees by a combination of engineering solutions 1, 3, 7 and 12, requiring the excavation and re-profiling of the footway, root pruning, use of thinner profile kerbs and making good tree pits where these are present. We advise the Council to consider these options.	Assess site to verify we agree with options given. Request Amey to design if required	Excavation work to date has considered specific points, largely around kerb line replacement. We now want to carry out a formal study into the viability of excavation beneath the roots of a live highway tree and root bending as previous academic studies in Sheffield have shown this to not be a viable means of retaining highway trees.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023055		o/s 29		Platanus x hispanica	Extensive f/w damage, growing within c/w - no kerbstones									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees outside numbers 5, 11, 24, 29, 50 and 52a are causing some damage to the pavement and kerb. We consider that it would be feasible to retain these trees by a combination of engineering solutions 1, 3, 7 and 12, requiring the excavation and re-profiling of the footway, root pruning, use of thinner profile kerbs and making good tree pits where these are present. We advise the Council to consider these options.	Assess site to verify we agree with options given. Request Amey to design if required	Excavation work to date has considered specific points, largely around kerb line replacement. We now want to carry out a formal study into the viability of excavation beneath the roots of a live highway tree and root bending as previous academic studies in Sheffield have shown this to not be a viable means of retaining highway trees.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023059		o/s 50		Platanus x hispanica	Extensive f/w damage, growing within c/w - no kerbstones									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees outside numbers 5, 11, 24, 29, 50 and 52a are causing some damage to the pavement and kerb. We consider that it would be feasible to retain these trees by a combination of engineering solutions 1, 3, 7 and 12, requiring the excavation and re-profiling of the footway, root pruning, use of thinner profile kerbs and making good tree pits where these are present. We advise the Council to consider these options.	Assess site to verify we agree with options given. Request Amey to design if required	Excavation work to date has considered specific points, largely around kerb line replacement. We now want to carry out a formal study into the viability of excavation beneath the roots of a live highway tree and root bending as previous academic studies in Sheffield have shown this to not be a viable means of retaining highway trees.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023057		o/s 52a		Platanus x hispanica	Extensive f/w damage, growing within c/w - no kerbstones									Trees which are healthy	The remaining trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees outside numbers 5, 11, 24, 29, 50 and 52a are causing some damage to the pavement and kerb. We consider that it would be feasible to retain these trees by a combination of engineering solutions 1, 3, 7 and 12, requiring the excavation and re-profiling of the footway, root pruning, use of thinner profile kerbs and making good tree pits where these are present. We advise the Council to consider these options.	Assess site to verify we agree with options given. Request Amey to design if required	Excavation work to date has considered specific points, largely around kerb line replacement. We now want to carry out a formal study into the viability of excavation beneath the roots of a live highway tree and root bending as previous academic studies in Sheffield have shown this to not be a viable means of retaining highway trees.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A

12023031			O/S 17		Platanus x hispanica	Kerbs absent, incorporate/ unable to repair without unacceptable root damage									Trees which are healthy	The three trees are in good condition and have reasonable life. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 17 is causing some disruption to the footway and displacement of kerb stones. We consider that engineering solutions 1 and 12 would enable these problems to be resolved. We	Assess site to verify we agree with options given. Request Amey to design if required	Assess with Amey	SCC Environmental Technical Officer	N/A	N/A	Due to extent of kerb damage a build out would be required at an estimated cost of £10000 - 12000	Consider build out if funding can be sourced	Extent of engineering solution required is not covered by the Streets Ahead contract	SCC Environmental Technical Officer	Replace tree as planned	After a review of the cost of building engineering solutions to retain trees. The Council does not have such additional funding available and many solutions would also be of a short term nature.				03/02/2017	N/A
12023029			O/S 29-31		Acer pseudoplatanus	Kerbs displaced, f/w uplifted, potential 3rd party wall damage									Trees which are healthy	The three trees are in good condition and have reasonable life. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 29-31 is causing similar disruption and displacement, and may also be causing some damage to the neighbouring boundary wall. We consider that engineering solutions would enable the pavement and kerb problems to be resolved. However the damage to neighbouring property could not be resolved. We therefore advise that the Council would be justified in removing and replacing this tree.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12012705	Struan Road		Side of 62 Archer Lane	4	Acer pseudoplatanus	Rooting above tarmac along kerbstones, cannot work round	24/06/16 and 11/07/16	None	72	11	15.28%	6	54.55%	8.33%	Trees which are healthy	The three trees are in good condition and have reasonable life. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree at the side of number 62 Archer Lane has a large root running adjacent to the kerb, with some evidence of previous pavement repair. We consider that engineering solutions including 1, 2 and 7 may enable these problems to be resolved. We therefore advise the Council to consider this.	Complete excavations to see extent of roots?	Excavation work to date has considered specific points, largely around kerb line replacement. We now want to carry out a formal study into the full extent of root action beneath the roots of a live highway tree and root bending as previous academic studies in Sheffield have shown this to not be a viable means of retaining highway trees.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
n/a			os 5	n/a	n/a										**Tree Not Referred to ITP**	We also noted that the tree outside number 5, which was not referred to us, is causing significant damage to the pavement which presents a serious hazard. We advise the Council to ensure that its plans will resolve this problem.	Investigate if Amey are aware of this issue. Assess site asap and look at solutions.	We are not currently aware why this has not been provided as a replacement job by Amey.	SCC - (Environmental Maintenance Engineer)	N/A	N/A	This tree has been re-inspected and will be put forward as an additional replacement for the zone.	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	Amey (Pre-site Technician)
12023190	Gatefield Road		n/s 12	2	Platanus x hispanica	Kerbstones absent - impossible to adequately repair without tree removal	24/06/16 and 11/07/16	None	47	1	2.13%	1	100.00%	2.13%	Trees which are healthy	The two trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree trunk and base roots of the trees are encroaching into the carriageway, and have caused displacement of kerbs. We consider that engineering solutions 1, 3, 5, 7, 9 and 12 could be deployed to enable the trees to be retained, which would be desirable on a street with very few trees. We also noted that this is a one way street, which we consider should be borne in mind when making a decision. We advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Roots should not be pruned within the root protection area defined in BS5837. According to NJUG roots of up to 20mm can be pruned, however it is preferable that this is assessed on a root by root basis by an experienced specialist as pruning the 'wrong root' can have an adverse effect on the stability or future vitality of the tree.	SCC Environmental Technical Officer	N/A	N/A	Root pruning is not advisable due to the detrimental effect it will have on both the tree's structural stability as well as disease susceptibility.	Continue with tree replacement as planned.	Works have been verified independetly of Amey to not be practicable without root severance. This is not possible without structurally undermining the tree	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023192			opp 6		Platanus x hispanica	Kerbstones absent - impossible to adequately repair without tree removal									Trees which are healthy	The two trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree trunk and base roots of the trees are encroaching into the carriageway, and have caused displacement of kerbs. We consider that engineering solutions 1, 3, 5, 7, 9 and 12 could be deployed to enable the trees to be retained, which would be desirable on a street with very few trees. We also noted that this is a one way street, which we consider should be borne in mind when making a decision. We advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Roots should not be pruned within the root protection area defined in BS5837. According to NJUG roots of up to 20mm can be pruned, however it is preferable that this is assessed on a root by root basis by an experienced specialist as pruning the 'wrong root' can have an adverse effect on the stability or future vitality of the tree.	SCC Environmental Technical Officer	N/A	N/A	Root pruning is not advisable due to the detrimental effect it will have on both the tree's structural stability as well as disease susceptibility.	Continue with tree replacement as planned. **Please note that on our latest assesment we have seen fruiting bodies on the stem and roots and we have sent this for a full re-assessment, which may mean that the replacement of this tree could be expediated.**	Works have been verified independetly of Amey to not be practicable without root severance. This is not possible without structurally undermining the tree	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12021585			O/S 102		Reticulus hippocastanum	Poor physiological condition, Pseudomonas syringae pv. aesculi, unable to repair drainage site to required standard without root damage									Trees which are healthy	The trees are all in good condition and have good life expectancy. The vitality of the tree outside number 102 appears to be good, contrary to the information we were given by the Council. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 102 is surrounded by a poorly drained grass area. We consider that it may not be possible to resolve this without removing the tree. This could only be fully determined with further investigation. We therefore advise that the Council should consider carrying out such an investigation. If this confirms that the drainage cannot be satisfactorily improved, we advise that the Council would be justified in removing and replacing this tree.	Get an independent inspection into the health of the tree. Before re-investigating drainage issues.	SCC Client Technical to send an inspector to verify condition and highway engineer to verify drainage works	SCC Environmental Technical Officer	N/A	N/A	This tree is in poor physiological condition, with disease (Pseudomonas syringae pv. Aesculi). In addition to this disease, we are unable to repair drainage site to required standard without root damage	Continue with tree replacement as planned.	From an arboricultural perspective this tree is in poor condition and is affected by pseudomonas. From an engineering perspective, there is clear evidence of drainage issues which cannot be rectified with the tree in situ, plus there is property damage. The remedial works required have been verified indepedently of Amey to not be practicable without root severance and are not possible without structurally undermining the tree As such, the culminative engineering and arboricultural reasons verified on site mean that replacement is required.	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023033			n/s 86		Acer pseudoplatanus	Buttress and lateral roots growing above tarmac in f/w - will be damaged upon reconstruction									Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 86 is causing damage to the pavement. An adjacent drain was being worked on at the time of our inspection. We do not know whether the drain replacement was due to tree root damage. We consider that engineering solutions 3 and 7 would enable the pavement to be satisfactorily repaired. We advise the Council to consider this, whilst recognising that damage to drainage may necessitate the removal and replacement of this tree	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	Buttress and lateral roots from this tree are growing above the tarmac level in the footway. These are too large to be bent, severed or guided using barriers or root panels.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023035			n/s 78		Acer pseudoplatanus	Buttress roots growing into c/w - kerbs absent, will be damaged upon reconstruction									Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 78 is causing damage to the pavement and is causing significant damage to the pavement. We do not believe this damage can be resolved without removing the tree. We therefore advise that the Council would be justified in removing and replacing this tree.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023045			n/s 3-11 Javelin House (facing junction with Edgemount		Acer pseudoplatanus	Extensive f/w uplift/ramping, unable to work around-repair without root damage									Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside 3-11 Javelin House (facing junction with Edgemount Road) is causing significant uplift of the pavement. We do not consider this damage can be resolved without removing the tree. We therefore advise that the Council would be justified in removing and replacing this tree.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023039	Edgedale Road		n/s 32	8	Acer pseudoplatanus	Extensive f/w uplift by shallow rooting, unable to repair without root damage	24/06/16 and 11/07/16	None	126	18	14.29%	16	88.89%	12.70%	Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The remaining trees, those outside numbers 32, 70, church (2nd tree on road from bottom) and 6 are all causing damage to the pavement and in some instances displacement of kerbs. We consider that engineering solutions 1, 2, 5 and 7 could be used to enable these trees to be retained. We advise the Council to consider this.	Complete excavations to see extent of roots?	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023037			n/s 70		Acer pseudoplatanus	Extensive f/w uplift by shallow rooting, unable to repair without root damage									Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The remaining trees, those outside numbers 32, 70, church (2nd tree on road from bottom) and 6 are all causing damage to the pavement and in some instances displacement of kerbs. We consider that engineering solutions 1, 2, 5 and 7 could be used to enable these trees to be retained. We advise the Council to consider this.	Complete excavations to see extent of roots?	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023041			n/s church (2nd tree on road from bottom)		Acer pseudoplatanus	Kerbs displaced - unable to reset without root damage									Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The remaining trees, those outside numbers 32, 70, church (2nd tree on road from bottom) and 6 are all causing damage to the pavement and in some instances displacement of kerbs. We consider that engineering solutions 1, 2, 5 and 7 could be used to enable these trees to be retained. We advise the Council to consider this.	Complete excavations to see extent of roots?	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023041			n/s 6		Acer pseudoplatanus	Extensive f/w uplift and disruption, kerb displaced by growth of stem immediately behind									Trees which are healthy	We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The remaining trees, those outside numbers 32, 70, church (2nd tree on road from bottom) and 6 are all causing damage to the pavement and in some instances displacement of kerbs. We consider that engineering solutions 1, 2, 5 and 7 could be used to enable these trees to be retained. We advise the Council to consider this.	Complete excavations to see extent of roots?	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A

12023222	Brincliffe Gardens	o/s 13, gated property, (next tree uphill from 2 sorbus)	2	Tilia x europea	Rooting above tarmac in f/w, will be damaged upon planting off	24/06/2016	The two trees that you propose to remove and replace are among numerous other trees on the street, including several of the same species as those referred to us, for which removal and replacement is not proposed.	17	3	17.65%	2	66.67%	11.76%	Trees which are healthy	The two trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 13 has a root which is causing minor disruption to part of the pavement that will not be used be pedestrians. We believe that engineering solution 7 could be used to resolve this problem. We therefore advise that this should be done with a view to retaining this tree.	Inspect to see why only one solution could be so effective.	Roots should not be pruned within the root protection area defined in BS5837. According to NJUG roots of up to 20mm can be pruned, however it is preferable that this is assessed on a root by root basis by an experienced specialist as pruning the 'wrong root' can have an adverse effect on the stability or future vitality of the tree.	SCC Environmental Technical Officer	N/A	N/A	Root pruning is not advisable due to the detrimental effect it will have on both the tree's structural stability as well as disease susceptibility.	Continue with tree replacement as planned.	Works have been verified independetly of Amey to not be practicable without root severance. This is not possible without structurally undermining the tree	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023220		o/s 24/Opposite junction with Bluecoat Rise (red spot marked at base)		Tilia x europea	Kerbs displaced/uplifted, cannot be reset without unacceptable root damage										Trees which are healthy	The two trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The tree outside number 24 is causing one kerb stone to be partially displaced. We believe this could be resolved by the use of a half kerb stone, or a cut-away kerb stone (engineering solution 1). We therefore advise that this should be done with a view to retaining this tree.	Inspect to see why only one solution could be so effective.	Roots should not be pruned within the root protection area defined in BS5837. According to NJUG roots of up to 20mm can be pruned, however it is preferable that this is assessed on a root by root basis by an experienced specialist as pruning the 'wrong root' can have an adverse effect on the stability or future vitality of the tree.	SCC Environmental Technical Officer	N/A	N/A	Root pruning is not advisable due to the detrimental effect it will have on both the tree's structural stability as well as disease susceptibility.	Continue with tree replacement as planned.	Works have been verified independetly of Amey to not be practicable without root severance. This is not possible without structurally undermining the tree	SCC Environmental Technical Officer	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023262	Ladysmith Avenue	o/s 14	10	Tilia x europea	Extensive rooting into c/w - kerbstones absent	24/06/16 and 11/07/16	None	29	11	37.93%	10	90.91%	34.48%	Trees which are healthy	The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The tree outside 14 has extensive root growth in the carriageway, which presents a hazard to vehicles and potential damage. We do not believe there to be engineering solutions that would readily resolve these problems and therefore advise that this tree should be removed and replaced.	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023296		S/O 19 Barkers Rd, 1st tree on street		Tilia x europea	Kerbs absent, rooting into c/w, cannot repair without causing unacceptable damage to roots											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees to the side of 19 Barkers Road, 1st tree on street, and adjacent to the rear of 19 Barkers Road (level with wooden gate to number 19) have extensive root growth in the carriageway, which presents a hazard to vehicles and potential damage to utilities. We do not believe there to be engineering solutions that would readily resolve these problems and therefore advise that this	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023294		adj rear of 19 Barkers rd, (level with wooden gate for no 19)		Tilia x europea	Kerbs absent, rooting into c/w, cannot repair without causing unacceptable damage to roots											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees to the side of 19 Barkers Road, 1st tree on street, and adjacent to the rear of 19 Barkers Road (level with wooden gate to number 19) have extensive root growth in the carriageway, which presents a hazard to vehicles and potential damage to utilities. We do not believe there to be engineering solutions that would readily resolve these problems and therefore advise that this	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023300		adj side of 17 Barkers rd (just before substation)		Tilia x europea	Kerbs absent, rooting into c/w, cannot repair without causing unacceptable damage to roots											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The tree adjacent to the side of 17 Barkers Road (just before sub-station) has significant buttress root extending into the carriageway. We advise that the extent of this damage would justify the removal and	None Required	Replace tree as planned	SCC - (Environmental Maintenance Engineer)	N/A	N/A	N/A	Continue with tree replacement as planned.	ITP, SCC and Amey in agreement.	SCC - (Environmental Maintenance Engineer)	Replace tree as planned	All advice considered	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023292		opp 5		Tilia x europea	Kerbs absent, rooting into c/w, cannot repair without causing unacceptable damage to roots											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees opposite numbers 5, 7 and 11, and outside numbers 15 and 26 are all causing some damage to pavement and/or kerbs. We believe that it may be possible to retain these trees using engineering solutions, including 1, 3, 5, 7, 8 and 10. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023289		OPPOSITE 7		Tilia x europea	Kerbs missing, cannot repair or replace without causing unacceptable damage to tree											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees opposite numbers 5, 7 and 11, and outside numbers 15 and 26 are all causing some damage to pavement and/or kerbs. We believe that it may be possible to retain these trees using engineering solutions, including 1, 3, 5, 7, 8 and 10. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023266		OPPOSITE 11		Tilia x europea	Rooting through/between kerbs into c/w - no way to repair with tree insitu											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees opposite numbers 5, 7 and 11, and outside numbers 15 and 26 are all causing some damage to pavement and/or kerbs. We believe that it may be possible to retain these trees using engineering solutions, including 1, 3, 5, 7, 8 and 10. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023264		o/s 15		Tilia x europea	Kerbs absent, rooting into c/w - no way to repair with tree insitu											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees opposite numbers 5, 7 and 11, and outside numbers 15 and 26 are all causing some damage to pavement and/or kerbs. We believe that it may be possible to retain these trees using engineering solutions, including 1, 3, 5, 7, 8 and 10. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023241		o/s 26		Tilia x europea	Kerbs tipped/uplifted and rooting into c/w - unable to to repair with tree insitu											The trees are in good condition and have good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of the trees. The trees opposite numbers 5, 7 and 11, and outside numbers 15 and 26 are all causing some damage to pavement and/or kerbs. We believe that it may be possible to retain these trees using engineering solutions, including 1, 3, 5, 7, 8 and 10. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023298		adj side of 17 Barkers rd, 1st tree on street		Tilia x europea	Kerbs absent, rooting into c/w, cannot repair without causing unacceptable damage to roots											None Provided	None provided, continue as planned	N/A	N/A	N/A	N/A	N/A	Replace Tree as planned	No advice received	SCC Environmental Technical Officer	Replace tree as planned	No advice to consider counter to original proposal	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023302		o/s 2		Tilia x europea	Kerbs absent, cannot repair with tree insitu without causing unacceptable damage to roots											The trees outside numbers 2 and 14 are in good condition and have good life expectancy. The tree outside number 19 has minor epicormics growth to the base and stem, but is otherwise in good condition and has good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees are causing some disruption to the pavement and to the kerb. We believe that engineering solutions 1, 3, 5, 7 and 8 would enable the retention of these trees. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023309	Briar Road	o/s 14	3	Tilia x europea	Rooting into c/w, kerbs absent, cannot repair without root damage	24/06/16 and 11/07/16	None	37	17	45.95%	17	100.00%	45.95%	Trees which are healthy	The trees outside numbers 2 and 14 are in good condition and have good life expectancy. The tree outside number 19 has minor epicormics growth to the base and stem, but is otherwise in good condition and has good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees are causing some disruption to the pavement and to the kerb. We believe that engineering solutions 1, 3, 5, 7 and 8 would enable the retention of these trees. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A
12023307		o/s 19		Tilia x europea	Kerbs absent + displaced, cannot repair with tree insitu without causing unacceptable damage to roots, basal decay also											The trees outside numbers 2 and 14 are in good condition and have good life expectancy. The tree outside number 19 has minor epicormics growth to the base and stem, but is otherwise in good condition and has good life expectancy. We advise that there is no arboricultural need to remove these trees. We have therefore considered whether there are engineering solutions that would prevent the need for removal and replacement of these trees. The trees are causing some disruption to the pavement and to the kerb. We believe that engineering solutions 1, 3, 5, 7 and 8 would enable the retention of these trees. We therefore advise the Council to consider this.	Assess site to verify we agree with options given. Request Amey to design if required	Two excavation trials have shown that root treatment is not practicable.	SCC Environmental Technical Officer	N/A	N/A	A 1998 Sheffield based study and investigation by Nicoll and Armstrong published in the International Journal of Urban Forestry shows this advice around root bending to be impossible to implement. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	Continue with tree replacement as planned.	Having conducted research and trials on physical Sheffield sites to verify the previous Sheffield specific academic research of Nicoll and Armstrong, excavation beneath the roots to enable 'bending' or 'depressing' of roots to be impossible to implement in mature highway trees. Severance or pruning of roots immediately adjacent to the main stem is not only extremely poor arboricultural practice but would also render this tree structurally unsound in a high wind event, so this is also impossible to implement.	SCC Environmental Technical Officer	Replace tree as planned	Results of excavation trials	Simon Green	Executive Director (Place)		03/02/2017	N/A