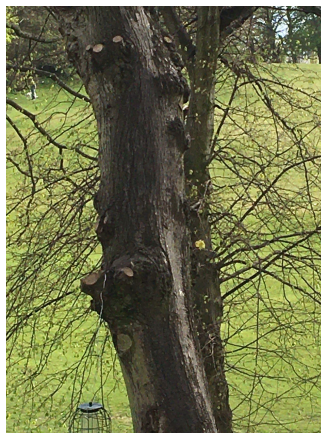
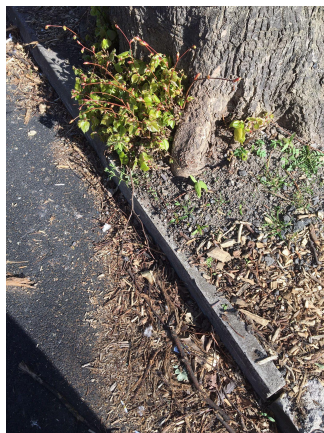


NVAFC Case study Sheffield Street Trees RS54: Engineering solutions and costs



1) Thinner curb

Replace a thick curbstone with a thinner one. This gives the roots of the tree more space to grow and stops the the curb from being pushed into the road.

Solves problem for around 1 year.

Cost: £300

2) Tree pit

Build a pit around the tree, with plenty of space for the roots to grow for many years. Sometimes the pit sticks into the road, leaving less space for cars.

Solves problem for around 20 years.

Cost: £3000

3) Pruning tree

Trim off branches to make tree safer (so they can't fall down in a storm). It also slows down growth, which means that the roots grow less and cause less damage.

Solves problems for around 2 years.

Cost: £500

4) Felling tree

Cutting the tree down and removing the stump.

Can sometimes be replaced by a very small, young tree.

Solves problem permanently.

Cost: £1000

Information about trees

Species	Description	Age (years)	Cost	Proposed solutions
Ash	Old diseased ash tree on the corner of a road - which has been surveyed and is a danger to the public	300		
Lime	Tree which is disrupting pavement and damaging kerbs	100		
Maple	Tall tree which is overgrown and overshadowing the road and houses near it	200		
Oak	Tree breaking curb with roots / trunk growing into the road and presents a danger to cars	150		
Cherry	Tree planted as a memorial for those killed in WW1, not appearing to be damaging anything	90		
		Total		

