

APPENDIX 1

Element 3 Tackling congestion - Minor alterations in discussion with Bus Operator to improve punctuality and reduce congestion

Location	2012/13	2013/14	Highway works	Parking Measures Cost 50k	Clearways and Lining Cost £50k
Eastwood Old Road	£15,000		Road tables are unstable and access too steep incurring damage to vehicles. Improve road tables to recommended length, height and entry to avoid vehicle damage	review on street parking which impacts on congestion at bus stops	add bus stop clearways
The Fairway/ Eastwood Road North	incl	incl			Signal Junction with Eastwood Rd Nth, causes delays due to bus turning circle. Review position of stop line to enable free flowing traffic.
Rayleigh Road/Progress Road - Bell house Road	£10,000		High congestion at Signal Junction with Rayleigh Road, impact of box junction. Slow moving traffic in shopping areas causing congestion and delays to services. Assess the possibility of a dedicated bus lane to the lay by at signals, review need for box at Junction		
Rayleigh Road/Kent Elms	£15,000		bus stop located in left hand turn lane, delays on service caused by crossing lanes to access right turn lane. Relocate further north towards junction of Snakes lane, this will allow the bus stop to be moved away from the congestion and provide easier access for lane delineation		

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Elmsleigh Drive	incl	incl		Congestion as a result of parking close to signal junction, review parking congestion between Manchester Drv and Coombes Cnr. Review parking measures to reduce congestion.	Add clearways to improve access at all bus stops
Mountdale Gdns/Blenhiem chase		£100,000	delays to service caused by congestion at signalised junction. Investigate the addition of a left turn lane from Mountdale Gdns and review signal setup.		review signal heads lines to reduce impact on turning manoeuvres Junction west to south, north to east
Thames Drive	incl	incl		Congestion at junction with London Road caused by parked vehicles remove obstructions to reduce congestion	
Rectory Grove/Elm Road	incl	incl			congestion at junction review giveway lines
Hadleigh Road	incl	incl		Congestion at Signalised junction review parking measures to reduce congestion.	
Elm Rd/Broadway /Leigh Church	incl	incl		Parking near junctions review measures and enforcement	Junctions cause traffic congestion review giveway lines, add bus stop clearway
Grand Drive/Grand Parade	incl	incl		Congested road review parking measures particularly at junction with Grand Parade	
The Ridgeway	incl	incl			Move signal head line back for right turn into Chalkwell Avenue to allow easier turning manoeuvre
Chalkwell Avenue	incl	incl			set signal line for straight ahead back 3 metres
Chalkwell Esplanade		£30,000	safety measure, review bus stop access from within cycle route by alteration to cycle lane to rear of bus stop		

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Station Road	£5,000		safety measure, Bus stop near Palmeria Avenue obstructs sight lines at crossing relocate bus stop	review parking area and impact of new bus stop position	add new clearway
Bridgwater Drive		£20,000	Kent Elms junction impact of traffic crossing junction and turning manoeuvres. Bus stops located in grass areas, review positions and provide hard standing	review parking measures congestion throughout	Add clearways to improve access at all bus stops
Southbourne Grove	£15,000		Provision of hard standing to bus stops located in grass areas	review parking around bus stops congestion caused by double parking	add clearway markings to bus stop sites
Western Approaches		£35,000	Busy location causing delays to service, Bus stop obstructed by lack of space and lorry movements to Morrisons supermarket, high levels of passengers. install bus bay at Repton Green to give greater safety and access	review parking areas	add clearway markings to bus stop sites
Hobleythick Lane	£3,000		service delays caused by junction with Prince Ave high congestion, review junction and garage access, review of the keep clear	review parking as causing congestion throughout its length removal of box junction and keep clear markings may help	add clearways to bus stops, review signal head line placement at Prittlewell Chase move head line to accommodate turning movements
Prittlewell Chase	£3,000		congestion at junction with Fairfax Drive review access arrangements lane widths and turning manoeuvres		set right turn lane back 2 metres to allow easier turn from Prince Avenue add clearway lines to Hospital stops
Victoria Avenue	£3,000		signal junctions East Street and Priory Park cause congestion need to review lane positions		
Essex Street		£13,000	displace double yellow lines and add footway	cars parking under blue badge causes traffic queues on chichester Road. Review parking	

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Southchurch Avenue	incl	incl		Prevention of parking required to reduce congestion at signal set to Eastern Esplanade caused by cars parking to access the Tesco Express store	
Eastern Esplanade	£7,000		delays on service caused by crossing lanes to access right turn lane. Move bus stop east to Sea Life Centre, raise kerbs		add clearways to stops
Liftstan Way	incl	incl			Move signal head line 3 metres north to give better turning access from Woodgrange Drive add clearways to stops
Bournes Green	£7,000		Highway changes and effects on bus services now make it possible to move this bus stop from its current location. Relocation of bus stop to Southchurch Boulevard will resolve the safety issues for pedestrians and passengers as well as save time for bus operators		
St Thomas More School	£10,000		relocate bus stop within parking area and away from crossing south bound stop	remove parking area to allow for bus stop	add clearway to new location
Leigh Road	incl	incl		parking congestion reduced road widths making it difficult for buses to manoeuvre	review clearways and replace in correct positions
Sutton Road	£17,000		Relocation of Bus stop nearer Coleman Street away from hazard on corner. South bound near Swanage Road, extension of lay-by and removal of build out to provide easy access to bus stop		add clearways to stops

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Wakering Road		£100,000	Current bus stops are located in grass areas opposite Alweyn Court and Thorpe Hall schools, the bus stop opposite the Rose Inn is located in a hedge with no hard standing for passengers. provide hard standing and access via footways so passengers can wait at the bus stop, services currently have to wait whilst passengers cross the road		
Mountbatten Drive	incl	incl		Congestion due to parking around junctions at Ravendale Way and Mountbatten Drive which delays buses	add clearways to stops
Hamstel Road		£10,000	Current bus stop located with build out at shops , movement of the stop to junction of North Avenue will increase parking and resolve bus access	Movement of the bus stop from outside the shops will allow greater capacity for parking and remove current parking from the junction with North Avenue	
Royston Avenue/Norwich Avenue/Pantile Avenue/Cokefield Avenue		£7,000	Sutton Road widen junction with roundabout at Royston Avenue to allow easier access	Pantile Avenue parking near junction of Norwich Avenue causes traffic to back on to corner. Review parking	add clearways at Stops
Eagle Way		£20,000	South side bus stops located in grass, passengers find it difficult to access. Provide footway and hard standing at both stops for increased safety.		add clearways at bus stop locations to allow easier access for buses
Shoebury High Street	incl	incl		parking in high street often blocks signal set near Blackgate Road, this occurs on both sides of the junction add signal protection with double yellow lines	add clearways to allow better access for buses
Delaware Road	incl	incl		parking impacts at junctions of Ness Road, extend junction protection	add clearways

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Trinity Avenue	£3,000		review bus stop location which is located near the junction and amongst parking. Move bus stop to Cambridge Road	parking at junctions of Cambridge Road and Westcliff Parade impacts on the access to the bus stop and the turning manoeuvre	
Caulfield Road	incl	incl		parking at junctions causes congestion. Extend junction protection	add clearways at stops
Woodgrange Drive		£7,000	extend access through signals to layby at junction of Lifstan Way		add clearways at stops
Southchurch Boulevard	£7,000		Review build out at junction of Hamstel Road signals. Extend length to the bus stop to allow easier access		add clearways at stops
London Road near Avenue Road	incl	incl		Delays to buses, review parking layout to provide access to bus stop	change clearway provision