

ID	District	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale Assuming smooth progress	RAG
1	IT350	Epping Forest	A121, High Road /Brooklyn Ave/The Drive, Loughton	Junction improvement	Unclear problem (congestion?), more information required	Unclear what issue is. (Previous congestion-busting scheme (removal of traffic lights and redirection of traffic) designed but residents and councillors not in favour.)	5k to investigate timings	N/A	Green
2	IT351	Epping Forest	A121, Highbridge Street / B194, Beaulieu Drive, Waltham abbey,	Junction improvement	Unclear problem (congestion?), more information required	Unclear what issue is. V. close to Herts border.	5k to investigate timings	N/A	Green
3	IT353	Epping Forest	B1393 High Road/ Theydon Rd, Epping	Junction improvement	Unclear problem (congestion?), more information required	Unclear what issue is. This has recently been designated an Air Quality Management Area.	5k to investigate timings	N/A	Green
4	IT358	Epping Forest	B194 Nazeing New Road/North Street/Middle Street, Lower Nazeing	Junction improvement	Unclear problem (congestion?), more information required	Unclear what issue is.	5k to investigate timings	N/A	Green
5	IT359	Epping Forest	A1168, Rectory Lane/ Borders Lane/ The Broadway, Loughton	Junction improvement	Peak period congestion. 5+ collisions.	Currently two mini-roundabout junctions. Queue survey? Investigate? See IT360. Appears to be an issue with vehicles turning into / out of Barrington Green blocking roundabout - this could be rat-running by vehicles attempting to avoid the Broadway. It may be possible to stop up Barrington Road, or to make it left-turn out only. An Origin-Departure survey would give more information. It may be necessary to review impact on adjacent junctions on Rectory Lane.	TBC	1 year	Green
6	IT360	Epping Forest	A1168, Rectory Lane/ Westall Road, Loughton	Junction improvement	Congestion.	Review parking restrictions. Parking restrictions required (road used by commuters). Turning count may show need for a mini-roundabout although layout is not ideal (essentially a five-arm junction). Maintenance required. See also 359	TBC	1 year	Green
7	IT368	Epping Forest	Church Road / Russell Road / A121, High Road, Buckhurst Hill	Junction improvement	Unclear problem (congestion?), more information required	Install give way signs? Check accident stats. (pending validation)	2k	3 months	Green
8	IT390	Epping Forest	Quaker Lane / A112 Sewardstone Road,	Junction improvement	Unclear problem (congestion?), more information required	Unclear what issue is.	5k to investigate timings	N/A	Green

ID	District	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale Assuming smooth progress	RAG	
9	IT791	Epping Forest	Hemnal Street	Island redesign / replacement			30k	6 months	Amber	
10	IT816	Epping Forest	Highbridge St, W junction with Meridian Way (on Herts bdry)	refuge for pedestrians / cyclists	Difficult for cyclists to cross carriageway. Cycle facility is not consistent.	Sustrans	15k	6 months	Amber	
11	IT362	Epping Forest	Lower Queens Road, Buckhurst Hill	Speed Humps o/s school	Perceived speeding	O/s Buckhurst Hill CP School? Located at the end of a cul de sac. Likely that speeding is a perceived issue. Traffic calming further up Lower Queens Road will require removal of parking - likely to receive objections. Recommend against scheme.	Member of Public	40k	1 year	Amber
12	IT406	Epping Forest	Woodgreen Road, Waltham Abbey	Speed Control Measures	Speeding	40mph Road - limited frontages several sections might not meet criteria for 40. Not cost effective.	Member of Public	N/A	N/A	Amber
13	IT396	Epping Forest	Southend Lane, Waltham Abbey	Speed Humps	Speeding	Southend Lane is a narrow winding single-lane cul-de-sac. Low flows (only leads to farm, possibly private) - maintenance issue. Not cost effective.	Member of Public	N/A	N/A	Amber
14	IT397	Epping Forest	Epping High Street, Southern end	Congestion management	Congestion	Unclear what can be done without more comprehensive investigation. Requires Feasibility Study		10k feasibility study	TBC	Amber
15	IT836	Epping Forest	The Broadway, Loughton	Pedestrian guardrail at Thomas Willingale School	Pupils entering carriageway from new school exit.		Member of Public	2k	3 months	Amber
16	IT366	Epping Forest	Chigwell Rise, Chigwell	Traffic Calming on app to zebra crossings	Speeding.	Unclear where zebra crossings are. Chigwell Rise is strategic route - two collisions within residential stretch of route. Against Policy.	Member of Public	N/A	N/A	Red
17	IT369	Epping Forest	Earls Path, Loughton	traffic calming Measures after Road Death	Speeding	Investigated by Safety Team following fatality. They could not find an appropriate engineering solution. Speed limit to be altered as part of EF Review. Traffic calming against policy.	Member of Public	N/A	N/A	Red
18	IT370	Epping Forest	Gravel Lane, Chigwell	Speeding Issues traffic calming	Speeding	60mph strategic route. Traffic calming against policy. Site being progressed as Yr 1 Safety Scheme.	Member of Public	N/A	N/A	Red

Capital Highway Improvements Programme										
ID	District	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale Assuming smooth progress	RAG	
19	IT371	Epping Forest	Great Lawn, Ongar	Zig Zag lines	Unclear problem, more information required	Where are 'zigzag' lines required? There is no school, hospital, fire station or zebra crossing.	County Council	N/A	N/A	Red
20	IT387	Epping Forest	Palmerston Road, Loughton	Speed Hump request	Speeding	PR2 Road, Speed humps against policy .	Member of Public	N/A	N/A	Red

KEY

Green	A high priority scheme against strategic criteria
Amber	A low priority scheme against strategic criteria
Red	A scheme which is against Essex Policy or there is no appropriate engineering solution.
Grey	Scheme pending validation

ID	District	Location	Scheme	Other issues / comments	Timescale	Requested By	Estimated Cost	RAG
1	IT356	Epping Forest	B181 Epping Road, corner by Bury Farm, Epping Upland	reconsider signing			0.5k	Amber
2	IT357	Epping Forest	o/s The Chequers, Epping upland	Bend/slow down/chevron			0.5k	Amber
3	IT388	Epping Forest	Passingford Bridge, Stapleford Abbots	Airport sign	Suggest that a sign here would not be appropriate as there is no onward signing		5k for signing review	Amber
4	IT395	Epping Forest	Sewardstone Road, Waltham Abbey	Activity Centre Sign	No further action (unless paid for by activity centre)		TBC	Red
5	IT400	Epping Forest	Tempest Mead jw Station Road (private), North Weald	Give Way Lines	Is this a private road? No further action.		TBC	Red
6	IT405	Epping Forest	Woodgreen Road, Epping Forest	Horse warning signs - passed to Forest Strategy for consideration	Specific locations required		0.5k	Amber
7	IT378	Epping Forest	Lancaster Road, orth Weald	Larger dead end			0.5k	Amber
8	IT383	Epping Forest	Moreton Road, Shelley Common, Ongar	horse warning signs	Specific locations required		0.5k	Amber
9	IT352	Epping Forest	A414, North Weald	Pre School	Unclear issues - direction sign for pre-school? No further action (unless paid for by pre-school).		TBC	Red
10	IT374	Epping Forest	High Street / Hemmnall Street, Epping	Vet Hospital sign	No further action (unless paid for by vet).		TBC	Red
11	IT375	Epping Forest	High Street, Epping	Arrow signs for Leisure Center	If leisure centre requires sign they should fund it. No further action.		TBC	Red
12	IT403	Epping Forest	Various in Manor Road, Lambourne	Slow Signs	PR2 Road - no obvious hazards / locations for slow markings. Unclear where they would be installed.		0.5k	Amber

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	Pending validation

Capital Highway Improvements Programme - Bus Stop/ Route Improvements								
District	Location	Details of Scheme	Issues / Comments / Reason for Scheme	Scheme Origination	Approx Timescale	Estimated Cost	Priority (RAG)	
1	Epping Forest	Bus Stop: 150042018002, The Green. Address: Palmerston Road, Buckhurst Hill.	Installation of a new metal shelter, plus raised kerbs and dropped kerbs.	Shelter installation to improve customer environment at well used stop. Rasied kerbs and dropped kerbs to improve accessibility.	Historic scheme	6 months	£7,500	Amber
2	Epping Forest	Bus Stop: 1500BUCKPALM, The Green. Address: Palmerston Road, Buckhurst Hill.	Installation of a new metal shelter, plus raised kerbs and dropped kerbs.	Shelter installation to improve customer environment at well used stop. Rasied kerbs and dropped kerbs to improve accessibility.	Historic scheme	6 months	£7,500	Amber
3	Epping Forest	Bus Stop: 1500CPSALE1b, Coopersale Turn. Address: Epping Road, Epping.	Install new wooden bus shetler.	Several bus stop users have requested a shelter for the stop to protect them from the elements. (Hardstanding and raised kerbs installed at this stop in 2011/12.)	Requested by members of the public	3 months	£7,500	Amber

Green	A high priority scheme against passenger transport criteria
Amber	A low priority scheme against passenger transport criteria
Red	A scheme which is against Essex Policy or there is no appropriate engineering solution.
	Pending validation

District	Site No	School	Location of patrol	Work required	Problem	Origin of request	Total Estimated Costs	Timescale	RAG	
1	Epping Forest	10415	Epping Primary School	Coronation Hill, Epping (zebra)	Parking restrictions to prevent parking on site - <i>check signs</i>	Issues raised with site safety assessment	Site safety assessment	1.77k	3 months	Green
2	Epping Forest	10412	Ivy Chimneys Primary School	Centre Drive, Epping	Parking restrictions at site to prevent parking on site and in immediate vicinity	Issues raised with site safety assessment	Site safety assessment	1.77k	6 months	Green
3	Epping Forest	10413	Roydon Primary School	Epping Rd, Roydon	Extend school keep clear markings	Issues raised with site safety assessment	Site safety assessment	1.2k	3 months	Green
4	Epping Forest	10418	St John's CE Primary School	Church Rd, Buckhurst Hill	Measures to prevent parking close to site on footway	Issues raised with site safety assessment	Site safety assessment	3.54k	3 months	Green
5	Epping Forest	10404	Hereward Primary School	Colebrook Lane, Loughton	Parking restrictions opposite school to prevent parking on patrol site	Issues raised with site safety assessment	Site safety assessment	1.77k	6 months	Green
6	Epping Forest	10407	Thomas Willingale Primary School	Willingale Rd, Loughton	Extend school keep clear markings to bus stop	Issues raised with site safety assessment	Site safety assessment	1.18k	3 months	Green
7	Epping Forest	10408	Upshire Primary School	Upshire Rd, Waltham Abbey	Replace patrol plate with school plate close to school	Issues raised with site safety assessment	Site safety assessment	0.59k	3 months	Green
8	Epping Forest		Epping Junior School	St John's Road, Epping	Redundant site - removal of 2x signs and posts 545+547.1	Issues raised with site safety assessment	Site safety assessment	£2k	3 months	Green

KEY

Green	A high priority scheme against SCP criteria
Amber	A low priority scheme against SCP criteria
Red	Further information required before a decision can be made
	Pending validation

Ref	District	Location	Measure	Benefit	Budgetary Cost	Mandatory work	Originator	Design Timescale	Install Timescale	Traffic Manager Approval?	RAG	
1	IT697	Epping Forest	Sewardson Rd / Farmhill Rd / 6T01 Toucan, Waltham Abbey	replace OTUs or convert to RMS	Replacement of obsolete kit and reduced running costs. Equipment already purchased for work.	Between 2k and 7k	Yes	5yr Roadmap	1 month	Between 1 and 3 months		Green
2	IT701	Epping Forest	Tesco Access, Sewardson Rd, Waltham Abbey	replace OTUs or convert to RMS	Replacement of obsolete kit and reduced running costs. Equipment already purchased for work.	Between 2k and 7k	Yes	5yr Roadmap	1 month	Between 1 and 3 months		Green
3	IT703	Epping Forest	Quaker Lane, Waltham Abbey	replace OTUs or convert to RMS	Replacement of obsolete kit and reduced running costs. Equipment already purchased for work.	Between 2k and 7k	Yes	5yr Roadmap	1 month	Between 1 and 3 months		Green

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- SCOOT Split Cycle and Offset Optimisation Technique. This calculates the flow of vehicles along each spur of a junction and can then calculate the timings of the signals required to deal with heavier or lighter amounts of traffic during each cycle of the signals. Particularly good for peak and off-peak periods.
- OTU Outstation Transmission Unit. These are in signals and are controlled via the SCOOT system.
- RMS Remote Monitoring System. This allows the signals to report back to the main system in Threadneedle House to say that something is wrong with them.
- MOVA Microprocessor Optimised Vehicle Actuation. Similar to SCOOT but works better for isolated signals rather than larger junctions.

	District	PROW Number	Parish	Status	Scheme	Problem	By	From	Timescale	Cost (£)	Notes	RAG
1	Epping Forest	36	North Weald Bassett	Byway	Surface and drainage improvements	Heavily rutted and waterlogged. Only passable to skilled off road motorised users	Essex Highways	Internal	6 weeks	30k	Improvements to the sub base, wearing course and improvements to the drainage system to enable the byway to tolerate passage by the various types of users and the increase in volume of traffic.	Green
2	Epping Forest	1	Moreton	Byway	Filling ruts and surfacing	Heavily rutted and waterlogged. Only passable to skilled off road motorised users	Essex Highways	Internal	6 weeks	30k	Filling ruts and surface to fix existing damage	Green
3	Epping Forest	5 / 1	Abbses Roding/ Fyfield	Byway	Surface and drainage improvements	Heavily rutted and waterlogged. Only passable to skilled off road motorised users	Essex Highways	Internal	6 weeks	40k	Improvements to the sub base, wearing course and improvements to the drainage system to enable the byway to tolerate passage by the various types of users and the increase in volume of traffic.	Amber
4	Epping Forest	3 / 3	Ongar/ High Ongar	Footpath	Bridge widening	Bridge requires widening and provision of slope to replace existing steps, route heavily used by number of elderly users to access shops and other services in Ongar, alternative route is along A414	Essex Highways	MoP		37k	Bridge requires widening and provision of slope to replace existing steps, route heavily used by number of elderly users to access shops and other services in Ongar, alternative route is along A414	Amber

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- Pending validation

Ref No.	District	Location	Proposed Solution	Timescale	Cost (£)	RAG	
1	20	Epping Forest	Mount Road j/w Banks Lane	Junction re-alignment, signs and lines	TBC	30k	Green
2	21	Epping Forest	Claypit Hill	Add more 30mph road markings	TBC	2k	Green
3	22	Epping Forest	High Rd jw Forest Rd	Parking enforcement, central island and ETP engagement	TBC	5k	Green
4	23	Epping Forest	Manor Road j/w Tomswood Road	Signalise junction (by SA2000)	TBC	179k	Green
5	24	Epping Forest	Gravel Lane	Chevrons, vergemarkers and lines. Speed limit reduction (£3,000.00, FYRR 1762). Possible resurfacing (£30,000.00, FYRR 176).	TBC	3k	Green
6	25	Epping Forest	Sewardstone Road j/w Quaker Lane	Increase intergreen timings and ETP engagement	TBC	4k	Green
7	26	Epping Forest	Outside Patsalls, Pudding Lane	Improve drainage, Include Pudding Lane in winter gritting programme. Possible resurface.	TBC	30k	Green
8	27	Epping Forest	A104 j/w RangersRoad	Refresh road markings, replace anti skid surfacing, replace missing signs, clean and clear vegetatuion away from existing signs, clear vegetation and remove cattle sign to improve vision along A104 to the right.	TBC	25k	Green

KEY

Green
Amber
Red

A high priority based on Collision history

A medium priority based on Collision History

A scheme which is against Essex Policy or there is no appropriate engineering solution.

Scheme pending Validation