

MEETING OF THE CHELMSFORD LOCAL HIGHWAYS PANEL

24TH FEBRUARY 2014

COVAL LANE TRAINING ROOM, CHELMSFORD CITY COUNCIL
COMMENCING AT 13.00PM PROMPTLY

There will be a buffet lunch available for Panel Members and officers from
12.30pm

AGENDA

1. Apologies for absence
2. Minutes of the Local Highways Panel meeting held on 15th January 2014 (attached)
3. Matters arising
4. VAS Policy and Signing Policy briefing
5. Colchester Road widening report (attached)
6. Army and Navy update
7. Approved works programme (attached)
8. Potential scheme proposals (attached)
9. Highway improvement scheme proposals (attached)
10. Flooding
11. Highways Rangers summary (attached)
12. Any other business

MINUTES

of the

CHELMSFORD LOCAL HIGHWAYS PANEL

15 January 2014

Present:

County Councillor John Aldridge	Essex County Council
Councillor Ian Grundy	Chelmsford City Council
County Councillor Norman Hume	Essex County Council
County Councillor Mike Mackrory	Essex County Council
County Councillor Dick Madden	Essex County Council
Councillor Chris Rycroft	Chelmsford City Council
Councillor Bob Shepherd	Chelmsford City Council
Councillor Roy Whitehead	Chelmsford City Council (Chairman)

In attendance:

Erwin Deppe	Essex County Council
County Councillor Eddie Johnson	Essex County Council
Derek Latimer	Chelmsford City Council
Averil Price	Chelmsford City Council
Jon Simmons	Essex County Council
Derek Stebbing	Chelmsford City Council
Rosa Tanfield	Chelmsford City Council
Joy Thomas	Chelmsford City Council

1. **Apologies**

Councillor Whitehead welcomed everyone present. Hannah Neve (Essex County Council) had sent her apologies.

2. **Minutes of the Chelmsford Local Highways Panel Meeting on 6 November 2013**

The minutes of the Chelmsford Local Highways Panel meeting held on 6 November 2013 were approved as a correct record and signed by the Chairman. County Councillor Mackrory asked for and received confirmation that in Minute 3 the funding re-allocated from the design work in New Nabbotts Way, which would not now be required, would be used for to consider other traffic reduction measures in the vicinity.

3. **Matters Arising**

Jon Simmons reported that under Minute 4 the Panel had indicated that they wished to agree funding of up to £5,000 for feasibility schemes in advance. He had been advised subsequently that this was not possible and all such decisions needed to be taken on a case by case basis by the Panel.

County Councillor Johnson confirmed that this had also been confirmed to the Harlow Local Highways Panel.

Jon Simmons also confirmed that delays had occurred with the Odeon Roundabout scheme as three firms were considering the target costings. In answer to a question from County Councillor Madden, he reported that the Section 106 scheme at Goldlay Avenue would be linked to the current Parkway widening and be following on from it rather than being carried out at the same time.

The Chairman asked that a report on the scheme be made to the next meeting.

On Minute 6(1), the Chairman reported that the Navigation Road scheme had been delayed in order that a one-way scheme could be considered. In answer to a question from County Councillor Mackrory, he explained that the one-way proposal was only a draft suggestion at present but was in line with discussions held at a Chelmsford City Council meeting in 2013. He understood that Essex County Council was considering the aggregate effect of a number of developments in the vicinity. It would be discussed at a meeting between Chelmsford City Council and Essex County Council and further information would be provided to Members in due course. Joy Thomas confirmed that Section 106 funding for Navigation Road was secure with ECC.

On Minute 6(2), in answer to a question by County Councillor Mackrory, Jon Simmons confirmed that both schemes DC 29 (Pump Lane/Springfield Road, Springfield – design of road widening) and DC1120 Stump Lane – pedestrian refuge island) had been completed.

Jon Simmons reported that Hannah Neve had hoped to have been able to report to this meeting on the Colchester Road widening (Drovers Way to Boreham) as requested in Minute 7. As she was unable to attend the meeting, the report would be sent out with these minutes and would be considered at the next meeting.

Under Minute 8, Jon Simmons had been asked for information about the angle at which the flails are set for hedge trimming and he had now been advised by the Highways Rangers that the angle varied depending on the local features of the verge. Highways Maintenance and Passenger Transport had however recently used an adapted bus to cut ~~hedges~~ overhanging vegetation on bus routes and if Councillors were aware of particular problems, he asked that they notify him and he would ask colleagues to investigate.

ACTION:

- (a) An update report on the Parkway widening and Odeon Roundabout schemes be provided at the next meeting;
- (b) The report 'Colchester Road widening (Drovers Way to Boreham)' be provided with these minutes and considered at the next meeting

4. **Approved Work Programme**

The Panel considered the approved scheme list for 2012/2013 and 2013/2014. The following items were brought to the Panel's attention.

(1) Vehicle Activated Sign (VAS) Schemes

Schemes 19, 20, 27, 34, 54 and 67 had been recommended for funding by the Panel

at previous meetings and they had now undergone a speed survey as part of the design process. The six sites had not met the criterion that average speed should be at least 5 mph over the speed limit for a VAS to be considered. The Panel considered scheme 19 for Gloucester Avenue and noted that average speed was only slightly higher than the 30 mph limit. It was agreed that these schemes should not be supported for progression and that monies designated for the schemes should be re-allocated but that clarification of the VAS/Speed Management Policy should be presented at the next meeting.

No.	Design reference	Task name	Parish	Works description	Allocated budget
19	DC1758	Gloucester Avenue Lucas Lane Chelmsford	Chelmsford non parished	LHP Minor Scheme – VAS	£5,000.00
20	DC1761	Trinity Road Chelmsford	Chelmsford non parished	LHP Minor Scheme – VAS	£5,000.00
27	DC1759	Chignal Smealy	Chignal	LHP Minor Scheme – VAS	£5,000.00
34	DC1760	Souther Cross Road Good Easter	Good Easter	LHP Minor Scheme – VAS	£5,000.00
54	DC1757	Lawn Lane Springfield	Springfield	LHP Minor Scheme – VAS	£10,000.00
67	DC1756	Chignal Road (Avon Road jw Newland Spring) Chelmsford	Chelmsford non parished	LHP Minor Scheme – VAS	£8,500.00

AGREED

- (a) Schemes 19, 20, 27, 34, 54 and 67 are withdrawn from the Approved Works Programme and previously agreed budget allocations for the schemes totalling £38,500 (less pre-construction work costs) to be re-allocated back to available funding

(2) Scheme Top Ups

It was reported that an additional £23,000 would be needed for the cycling scheme 55 and an additional £47,000 would be needed for cycling scheme 56.

No.	Design reference	Task name	Parish	Works description	Allocated budget
55	DC1766	Chelmer Village Retail Park	Springfield	Cycling – widen ramp/limit to cycleway	£40,752.00 £23,000 required
56	DC1767	White Hart Lane Springfield	Springfield	Cycling – widen footway and tie into cycleway	£38,304.00 £47,000 required

Joy Thomas had recently transferred £5,000 Section 106 monies in respect of scheme 55, which could contribute to the top up. The Panel agreed to support the request for the additional monies required of £23,000, which would include the Section 106 funding available

In respect of scheme 56, Jon Simmons was asked to provide to the Chairman with more detail of the additional costs and the Panel agreed that provided that it could be justified, the Chairman was authorised to agree the funding.

Scheme 101 for Casualty Reduction required a top up of £5,000 and the Panel agreed to that additional funding.

No.	Design reference	Task name	Parish	Works description	Allocated budget
101	DC1213	Baddow Road Meadgate Avenue Chelmsford	Great Baddow	Casualty Reduction Scheme 2012/13 for pedestrian crossing improvement	£11,000.00 £5,000 required

AGREED that

- (a) Scheme 55 would proceed with additional capital funding of £23,000, less £5,000 Section 106 funding identified
- (b) Additional information would be provided to the Chair of the Panel to make a delegated and informed decision of the agreement for additional capital funding of £47,000 required for Scheme 56: and
- (c) Scheme 101 would proceed with additional capital funding of £5,000

(3) Cancelled Schemes

Jon Simmons reported on the reasons why schemes 9, 14, 30 and 59 were not to be progressed.

No.	Design reference	Task name	Parish	Works description	Allocated budget
9		New London Road jw Writtle Road and Elm Road	Chelmsford non parished	Casualty Reduction Scheme – CR40	£10,500.00
14		Kings Road Address Broomfield Road	Chelmsford non parished	Bus Stop Improvements – Metal Shelter	£4,000.00

30	DC1687	St Michaels CR Primary School	Galleywood	Traffic Management Improvements	£2,000.00 Funds being reallocated to project DC14048 to create one scheme (totalling £4,000.00)
59	DC1540	45 River Wid	Stock	PROW 45 – No bridge and ford too deep to cross	£15,000.00
Total					£29,500

AGREED

- a) Report from Jon Simmons was noted and funding (£29,500 less pre-construction costs) to be reallocated back to available funding

(4) Speed Surveys

The Panel had recommended speed surveys for schemes 63, 90, 91, 92, 103, 108, 111 and 125, which had now been completed and the results would now be fed into the validation process.

No.	Design reference	Task name	Parish	Works description	Allocated budget
63		Lodge Road Bicknacre	Bicknacre	LHP Minor Scheme – feasibility study into passing bays	£4,000.00
90		North Avenue nr j/w Kings Road Chelmsford	Chelmsford non parished	LHP minor scheme – Pedestrian crossing validation	£890.00
91		Old Moulsham (Moulsham Dr/Lady Ln/Hamlet Rd/St Johns Rd/Vicarage Rd/Moulsham St) Chelmsford	Chelmsford non parished	LHP Minor scheme – 20mph zone/limit validation	£1,470.00
92		Railway Bridge Arbour Lane Chelmsford	Chelmsford non parished	LHP Minor scheme – footway improvements across bridge	£420.00
103		Barnard Road Galleywood	Galleywood	LHP Minor scheme – 20mph speed	£210.00

				limit school	o/s	
108		B1002 Main Road, Wantz Road/Writtle Road, Margaretting	Margaretting	LHP scheme – Reduction in speed from 40 to 30 mph	minor	£420.00
111		Heath Road Ramsden Heath	Ramsden Heath	LHP scheme – extension of existing 30mph	minor	£210.00
125		Sandford Mill Road Chelmer Village	Springfield	LHP scheme – reduction in speed from 60 to 30mph	minor	£210.00
126		Pollards Green, Chelmsford	Springfield	LHP scheme – 20mph speed limit request	minor	£210.00

ACTION

- a) VAS/Speed Management Policy should be presented at the next meeting.

5. **Potential Scheme Proposals**

The Panel received a report on potential scheme proposals, which had been prioritised against set criteria and given a red, amber or green status showing its priority.

The Panel had a revised 2013/14 capital budget of £400,700 and had to date made recommendations of £237,900, leaving £162,800 for other schemes. In addition, the Panel had a revenue budget of £129,000 less estimated Highways Rangers' costs of £84,000 and recommended expenditure of £16,300, leaving £28,700 remaining for pre-construction feasibility/design/survey works. In answer to a question by the Chairman about whether once a feasibility study had confirmed that construction can go ahead, whether that revenue expenditure could become capital expenditure, Erwin Deppe explained that for major schemes, this would not be possible and that with these schemes such a transfer was also unlikely.

Councillor Shepherd explained the background to LCHE132086 (Paper Mill Bridge, North Hill and j/w Moden Hall Lane, Little Baddow) and LCHE132085 (Hammonds Road, Little Baddow and Church Road, Boreham) and emphasised that the flood warning improvements were essential.

County Councillor Aldridge explained the background to scheme LCHE132076 and LCHE132073 (Ongar Road/Lordship Road, near Doctors' surgery, Writtle). He considered that whilst a scheme was essential, the proposal needed to be made larger and more enhanced as other measures were required. Jon Simmons agreed to contact the Parish Council to receive further information. Joy Thomas also confirmed that there was in the region of £36,000 Section 106 funding available for a possible scheme in this location.

County Councillor Hume commented on the strength of local support for the removal of speed humps as part of scheme LCHE132050 (King Edwards Road, South Woodham Ferrers) to facilitate the provisions of a bus service. It was noted that the road humps could be removed so that the impact on speeds could be assessed and this was agreed.

Jon Simmons referred to the fact that scheme LCHE132060 (Viaduct Road, Chelmsford) was currently "red" because consultations were required with British Rail and the South Essex Parking Partnership. Rosa Tanfield confirmed that South Essex Parking Partnership were in discussion with British Rail and local traders.

County Councillor Mackrory asked about the difference between scheme LCHE132050 (King Edwards Road, South Woodham Ferrers) and scheme LCHE132054 (Lawn Lane, Springfield), which was a "red" scheme and with regard to the consistency of validation. Jon Simmons advised that the Springfield scheme related to the validation of the effect on speed of the pre-formed humps which had replaced the tarmac ones. The Panel agreed that the scheme could be re-instated to assess the design of the humps.

County Councillor Mackrory also asked about scheme LCHE132077 (New Bowers Way, White Hart Lane, Springfield) which related to improved signage for the Library and Parish Council. It was noted that the scheme was against signing policy and it was agreed that this matter be considered further and a report be made to the next meeting of the Panel,

ACTION

Jon Simmons to report on signing policy to the next meeting of the Panel.

AGREED

That the following schemes should be allocated funding as set out below:

No.	Design reference	Task name	Parish	Works description	Allocated budget
1	LCHE132066	Court Road nr j/w Hospital Approach	Broomfield	Kerbing and wooden bollards	£5,500
3	LCHE132079	Main Road (at Southern Broomfield Parish Boundary)	Broomfield	Traffic management improvement	£210
4	LCHE132080	Main Road nr j/w Erick Avenue	Broomfield	Upgrade zebra crossing to controlled crossing	£1,390
5	LCHE132081	Main Road (at Northern Broomfield Parish Boundary)	Broomfield	Traffic management improvement	£210

8	LCHE132071	Miami Roundabout, London Road	Chelmsford non parished	Prevention of vehicles for sale o/s Moulsham Grange	£12,500
9	LCHE132068	Main Road nr j/w Church Road	East Hanningfield	Bridge over ditch	£11,500
10	LCHE132016	Various entry points to Galleywood	Galleywood	Village gateway features	£12,500
11	LCHE132079	Watchouse Road (Skinners Lane to Pipers Tye)	Galleywood	Speed reduction measures	£210
12	LCHE132082	Highwood Road, Loves Green	Highwood	Traffic management improvement	£210
13	LCHE132083	Highwood Road, Edney Common	Highwood	Traffic management improvement	£210
16	LCHE132085	Hammonds Road, Little Baddow and Church Road, Boreham	Little Baddow	Flood warning improvement	£10,000
17	LCHE132086	Paper Mill Bridge, North Hill and j/w Moden Hall Lane	Little Baddow	Flood warning improvement	£10,000
18	LCHE132046	The Street/Vicarage Road	Roxwell	Bend improvement	£1,000
22	LCHE132065	North Springfield (residential area between Pump Lane/White Hart Lane and Uplands Estate between Pump Lane/Lawn Lane/Leybourne Drive)	Springfield	20 mph speed limit	£420
23	LCHE132070	New Hall School	Springfield	Improved signage for school	£750
26	LCHE132042	High Street	Stock	20 mph speed limit in narrow section of High Street	£420
30	LCHE132074	Margaretting Road/Lodge Road	Writtle	Traffic management improvement	£420
31	LCHE132075	Margaretting Road/Writtle Road	Writtle	Reduction in speed to 40 mph	£8,340
Total					£75,790

Total pre-construction funding agreed - £25,540

Total construction funding agreed - £50,250

Total - £75,790

AGREED that

- (a) Schemes LCHE132073 (29) (£10,000 route enhancement) and LCHE132076 (32) (£22,500) relating to Ongar Road/Lordship Road, the speed/volume of traffic and the lack of parking for the Doctors' surgery should be combined into one proposal and a larger scheme considered at the next meeting
- (b) Scheme LCHE132077 (24) New Bowers Way/White Hart Lane, Springfield proposal for improved signage should be deferred for decision to the next meeting, following a presentation on the ECC signing policy
- (c) Scheme LCHE132054 (21) Lawn Lane, Springfield scheme proposal should be revised from 'Improvement to speed humps' to 'Review design and type of speed humps' and considered at a future meeting
- (d) Scheme LCHE132060 (6) Viaduct Road, Chelmsford proposal for improvements to parking to be removed from the proposed schemes list

6. **Highways Improvement Scheme Proposals**

The Panel considered a report on highway improvement schemes under various headings. It was noted that schemes requiring speed surveys previously agreed and noted earlier in the meeting under Approved Works Programme 'Speed Survey' were complete but that validation was on-going. Scheme IT134 (Broomfield Road and Patching Hall Lane/ Broomfield Parade, Chelmsford) was awaiting validation of the parking issues along Broomfield Parade. The design costs of schemes LCHE135013 (Nabbott Road, Chelmsford) and LCHE135014 (Cross Keys, A1060, Boyton Cross) both at £1,500 were agreed. The other schemes were progressing.

In answer to a question by Councillor Grundy, Jon Simons confirmed that the Parish Councils affected by schemes LCHE 132075 (Margaretting Road/ Writtle Road, Writtle) under potential schemes and LCHE 132059 (B1002 Main Road, Wantz Road/Writtle Road, Margaretting) had received details of the speed surveys

AGREED that the recommendations in the report for funding of the following schemes be accepted.

No.	Design reference	Task name	Parish	Works description	Allocated budget
	IT134	Broomfield Road & Patching Hall Lane/Broomfield Parade	Chelmsford non parished	Improved traffic management	TBC – being validated
	LCHE132064	Pollards Green	Springfield	20mph speed limit	£420
	LCHE135010	Outside 'Top Vans' Bicknacre Road,	Bicknacre	Bus stop improvement	£3,000 S106 funding

No.	Design reference	Task name	Parish	Works description	Allocated budget
	LCHE135013	Nabbott Road (opp) Beeches Road, Stop ID 3407605	Chelmsford non parished	Bus stop improvement	£1,500
	LCHE135014	Cross Keys A1060 Boyton Cross	Roxwell	Bus stop improvement	£1,500
	LCHE134004	Army & Navy	Great Baddow	CH60 – replace existing guardrails with narrower design, improve lighting, repaint and resurface	£15,000 Possible S106 funding
Total					£3,420

Total pre-construction funding agreed - £420

Total construction funding agreed - £3,000

Total - £3,420

7. Highways Rangers Summary

Jon Simmons circulated an updated summary of the Chelmsford City Highways Rangers work programme. County Councillor Mackrory asked for details of the criteria for cutting back vegetation in view of problems experienced in Stump Lane, Chelmsford. Jon Simmons explained that unless there was a safety issue, the maintenance section would pursue with the landowner first but he agreed to raise this matter with the maintenance team himself.

ACTION

Jon Simmons to raise this issue of the delay in cutting back vegetation along routes with the maintenance team.

8. Any Other Business

(1) Tour de France

County Councillor Aldridge asked for clarification of the advance maintenance of the route to be used by the cyclists in the Tour de France. Jon Simmons confirmed that the Maintenance Team would minimise the disturbance to the route prior to the event. Averil Price asked that the Local Chelmsford Delivery Group be linked with the County Council Group to achieve a co-ordinated approach.

ACTION

Jon Simmons to provide Averil Price with details of the link between the Local Chelmsford Delivery Group and the County Council Group.

(2) Proposed Schemes

County Councillor Johnson commented that if local Councillors believe a scheme is a necessity and will make genuine improvements, they should pursue it even if it conflicts with general policies. The Chairman confirmed that as the Panel were resolving the earlier backlog of schemes, the possibility of setting a more defined direction would become feasible.

(3) Speed Watch

Councillor Grundy asked about the procedures involved with speed watch signs and which agency was responsible.

ACTION

Jon Simmons to report on these arrangements to the next meeting.

(4) Margaretting Road, Galleywood

The Chairman asked that scheme Margaretting Road, Galleywood (DC1321), shown on the Approved Programme of Works, for the continuation of the footway from the Village to the Heritage Centre be brought forward into 2013/2014 so that it can be tied with the existing flood alleviation scheme.

ACTION

Jon Simmons undertook to discuss this with the Delivery Team and provide a progress report at the next meeting

(5) Next Meeting

AGREED that a meeting be arranged for 24 February, 2014 at 12:30 p.m.

The meeting closed at 1:45 p.m.

Chairman

Chelmsford Local Highway Panel

Town and Country Planning Act 1990 – Section 106 Agreements. “Springfield Pot” Contributions. Potential Colchester Road Widening.

The meeting of the panel on 6th November 2013 considered a report (agenda item 7) regarding section 106 income for highways and transportation purposes in general and made reference to contributions accrued as a result of the Springfield Area Traffic Impact Study (SATIS) of 1996; the “Springfield Pot”. The study was commissioned jointly by Essex County Council and Chelmsford Borough Council to assess the cumulative traffic impact of the two major residential and two major employment sites designated in north east Chelmsford in the Chelmsford Borough Council Local Plan (adopted in 1997). The residential schemes at Beaulieu Park and Chancellor Park are complete with all contributions received but the two employment sites at Chelmsford Business Park (formally Springfield Lyons) and Springfield Business Park continue to be developed with contributions still to be received.

The “Pot” has delivered many items of new transport infrastructure in the North East quadrant of Chelmsford, continues to accrue (in both capital receipts from ongoing development and interest terms) and currently contains some £607,000. This total sum is held jointly by both Essex County Council and Chelmsford City Council.

However there are some schemes still to be funded by the Pot as discussed below.

Outstanding Commitments

The Pot has been drawn down to fund many improvements in north east Chelmsford over the last 10 years or so but there are two outstanding Toucan crossing (joint pedestrian/cycle use) projects to be progressed, classified as commitments;

Chelmer Village Way – provision of a Toucan crossing at the junction with Brook End Road North. This facility is a fundamental part of and essential for the integration of the development of Chancellor Park into Chelmer Village. The crossing also fills a gap in the local and wider cycle network and serves a strong journey to school route - estimated cost £200,000.

Chelmer Village Way – provision of a Toucan crossing at the north end of Barlows Reach to enable continuity of cycle routes through the area and pedestrian access to public transport and recreational area (public open space)

east of Chelmer Village Way. A continuous cycle/pedestrian facility through Chelmsford Business Park will be completed creating further demand for a crossing facility of the high speed Chelmer Village Way at this point. Some minor preparatory works have been completed with adjacent development - estimated cost £150,000.

Further Project

Springfield Road – provision of a Toucan crossing in the vicinity of Pump Lane/Oasis Court. This is a proposal which would greatly assist cyclists and pedestrians negotiating this section of high speed dual carriageway. The Springfield Road junction with Pump Lane and the A138 northbound on slip road has recently been modified to rationalise and clarify turning movements. The crossing facility would greatly assist pedestrian and cycle permeability between North Springfield/Beaulieu Park and Dukes Park/Chelmer Village - estimated cost £180,000. The LHP have allocated funding for a feasibility study for this scheme.

If all three of these schemes were to be completed the Pot balance is reduced by some £530,000, to £77,000, and this more accurately reflects the true current level of funding available for any other proposals from the Pot.

Future Receipts

The development of the Chelmsford Borough Local Plan (1997) employment land allocations is still progressing and there are still some contributions to be received. Recent permissions and outstanding payments total some £438,000.

A130 Colchester Road

A possible improvement considered as part of SATIS to deal with projected traffic increases in north east Chelmsford as a result of the 1997 Local Plan designations was an increase in capacity on Colchester Road between Drovers Way and White Hart Lane. The project was not considered to be cost beneficial at the time and was not included as part of the overall conclusions and formula calculations.

However, on-going general observations and experience indicate that the existing width of A130 Colchester Road appears to be an impediment to traffic flow particularly westbound from the A12 northbound off slip road approaching White Hart Lane. The known difficulties experienced on this link have been considered during the preparation and examination in public of the North Chelmsford Area Action Plan but it has not been identified for improvement to support the provision of new housing and employment provision in North East Chelmsford in the current Local Development Framework. When the approved housing schemes in north east Chelmsford reach 1000 units a new Radial

Distributor Road will have been provided around the housing which effectively will bypass A130 Colchester Road and White Hart Lane as a new A130. However this is unlikely to be available for use for several years, 2018 at the earliest which depends on a considerably accelerated rate of house building. Presently the delays experienced on A130 Colchester Road take place throughout the day and obstruct the ability of drivers to access the business areas of Chelmsford Business Park and Dukes Park.

For some time officers have been exploring a design and cost appraisal for an improvement scheme which it is considered may assist in managing the traffic volume/demand in this corridor.

The scheme essentially creates a second lane on the westbound approach to the Sainsbury roundabout. Drivers would then have the opportunity to queue in two lanes to make the right turn into White Hart Lane thus simplistically halving the queue. This would clearly assist drivers who are intending to reach the business areas. If this objective proves to be unsuccessful due to driver reluctance to complete this double right turn manoeuvre then a further effect would be that drivers heading straight on towards the business parks, in the nearside lane, would be afforded a clear run to the junction separated from the northbound and Sainsbury's bound (right turning) traffic, in the offside lane.

The work that has been completed so far results in the following cost breakdown:

Estimated Costs

Statutory Undertakers estimates for diversionary works August 2012:	£1,064,600
Estimated costs for the widening scheme:	£810,000
Total cost so far:	<u>£1,874,600</u>

Costs not included (not yet investigated)

1. Potential design for a northbound two lane exit from the Sainsbury's roundabout to White Hart Lane if required.
2. Redesign of the existing Toucan crossing on A130 Colchester Road to the front of the BMW car dealership.

Work on this project is suspended due to other priorities and the doubt over the deliverability due to the above cost indications.

Other Sources of Funding

Local

The original SATIS based fund (the Springfield Pot) has been added to by further development opportunities coming forward, outside the SATIS remit, in north east Chelmsford. This approach enables obligations from new planning permissions to be delivered holistically through the Pot for the benefit of north east Chelmsford. This on-going position will be maintained.

Community Infrastructure Levy

This new national levy (CIL) is due to be implemented in April 2014 (more realistically June 2014). There may be opportunities for securing some funding from this source although realistically this is unlikely due to the high demand for a host of other infrastructure.

Pinch Point Programme

A recent government initiative is a national "Pinch Point Fund" designed to identify locations on the transport network which are considered to be restrictions to growth and prosperity. The difficulties encountered by drivers on the A130 Colchester Road are considered to fit the general aspirations for pinch point funding. A scheme for A1060 Parkway has been the subject of a successful bid this year from the pinch point fund. A further scheme for A1060 Parkway is currently the subject of a bid. As the Springfield Pot is unlikely to match the costs of a widening scheme, A130 Colchester Road could be a further scheme subject to a pinch point funding bid.

Conclusions

- 1) The current balance of the Pot is £77,000 if the three crossing projects outlined above are completed.
- 2) Further known contributions could increase this figure to £515,000 at an undetermined point in the future. Clearly if any of the crossing projects do not proceed then the current balance of the Pot is accordingly increased.
- 3) Whilst the Springfield Pot has been influential in delivering a host of "soft" mitigation measures for dealing with traffic issues in north east Chelmsford it is clear that the increasing costs of highway works (often due mainly to utility diversions) results in the likelihood that the Pot will be unable to match the costs of the A130 Colchester Road project. Such a major piece of infrastructure improvement would require considerable top up funding.

- 4) Committing the remaining balance of the Pot to the A130 Colchester Road project would remove the ability of the Pot to respond to any other identified north east Chemsford related transport issue.

Summary

The Local Highway Panel requested this report for information. The Panel is asked to express a view on the A130 Colchester Road improvement proposal.

ECC/CO/EGD/SD/COR/7th January 2014.

Chelmsford City Local Highways Panel

Approved Works Programme

The attached report details the Advanced Works Programme for the Chelmsford City Local Highways Panel. The programme has now been split into the following headings 2012/13 Budget, 2013/14 Budget and Revenue Schemes.

The following items are brought to the attention of the Panel as follows –

1. Schemes flagged as Red/Amber

The following is a summary from the Approved Works Programme of those schemes flagged by Essex Highways as Red/Amber, to show a low confidence of achieving the current scheme finish date.

No.	Cost code	EH RAG Status	Scheme	Detail/Update
2	LCHE005002	Red	Bus Stop Improvement	Insufficient budget, now referred back to Passenger Transport
4	LCHE002012	Red	LHP Minor	Works currently expected to follow shortly.
19	LCHE002005	Red	LHP Minor	Proposed VAS against policy
21	LCHE004001	Amber	Cycling	Traffic signal upgrade currently underway at this location
27	LCHE002006	Red	LHP Minor	Proposed VAS against policy
34	LCHE002007	Red	LHP Minor	Proposed VAS against policy
39	LCHE001004	Red	Casualty Reduction	Programme issues with Highways Agency
40	LCHE003006	Red	LHP Minor	On-going investigations into scope of works
54	LCHE002004	Red	LHP Minor	Proposed VAS against policy
58	LCHE006001	Red	School Crossing Patrol	SCP team providing additional information
64	LCHE003009	Red	LHP Minor	Works for South Essex Parking Partnership not Essex Highways
65	LCHE001021	Red	LHP Minor	Proposed VAS against policy
72	LCHE001015	Amber	EITS	Conflict with other on-going works
73	LCHE001016	Red	EITS	Conflict with other on-going works
97	LCHE135006	Amber	Bus Stop Improvement	Works currently expected to follow shortly.
102	LCHE001023	Red	LHP Minor	Further information on proposal now supplied to Essex Highways

2. Cancelled Schemes

The summary below shows those schemes which have now been cancelled from both the 2012/13 Budget and the 2013/14 budget. From the indicative costs the resulting remaining budget is shown, which can now be re-allocated to other schemes.

2a. Cancelled Schemes from 2012/13 Budget

2012/13 Budget							
No.	Cost Code	Scheme	Reason for cancelling	Panel advised	Allocated Budget	Indicative cost	Indicative remaining budget
9	LCHE001009	Casualty Reduction	Turning count survey did not support scheme	24/04/13	£10,500.00	£0.00	£10,500.00
14	LCHE005001	Bus Stop Improvement	Scheme failed safety audit	15/01/14	£4,000.00	£660.00	£3,340.00
19	LCHE002005	LHP minor	Does not meet policy for VAS	24/02/14	£5,000.00	£650.00	£4,350.00
20	LCHE002009	LHP minor	Does not meet policy for VAS	24/02/14	£5,000.00	£450.00	£4,550.00
27	LCHE002006	LHP minor	Does not meet policy for VAS	24/02/14	£5,000.00	£410.00	£4,590.00
30	LCHE002001	School Crossing Patrol	Scheme combined with 28 LCHE006001	15/01/14	N/A	N/A	N/A
34	LCHE002007	LHP minor	Does not meet policy for VAS	24/02/14	£5,000.00	£440.00	£4,560.00
37	LCHE001005	Casualty Reduction	Lining works to be carried out by Maintenance team	24/02/14	£9,250.00	£0.00	£9,250.00
43	LCHE002008	LHP minor	Signage correct for location	24/02/14	£5,000.00	£100.00	£4,900.00
54	LCHE002004	LHP minor	Does not meet policy for VAS	24/02/14	£10,000.00	£650.00	£9,350.00
59	LCHE008008	PROW	Scheme not feasible and alternative measures being considered	15/01/14	£15,000.00	£0.00	£15,000.00
					£73,750.00	£3,360.00	£70,390.00

2b. Cancelled Schemes from 2013/14 budget

2013/14 Budget							
Ref.	Cost Code	Scheme	Reason for cancelling	Panel advised	Allocated Budget	Indicative cost	Indicative remaining budget
65	LCHE001071	LHP minor	Does not meet policy for VAS	24/02/14	£8,500.00	£470.00	£8,030.00
					£8,500.00	£470.00	£8,030.00

3. Scheme Top Ups

Scheme 56 - Cycling schemes recommended by the Panel and a top up of £47,000 is required.

This scheme is for 147m of existing footway to be widened to become a shared footway cycle way width 2.5m, from Sainsbury access to connect into existing cycle route and TOUCAN crossing. Works include raised bus stop kerbs including cost for recut of ITS loop, street lighting, vegetation clearance and traffic regulation order.

Break down of scheme costs -

Item	Cost
Civil work	£62,000
Traffic Loops	£2,000
Design/Supervision (Contingency)	£10,000
Street Lighting	£10,000
TRO	£2,000
UKPN connection	£1,000
Total Scheme Costs	£85,000

The drawings for this scheme are attached separately.

4. Speed Surveys

Schemes 117, 123 and 132 were speed surveys recommended by the Panel. The result of the surveys will now feed into the validation process. The traffic survey results from scheme 122 will feed into a Casualty Reduction Scheme investigation.

				Cancelled scheme		Completed schemes				
No.	RAG *	Design Reference Number	Task Name	Parish	Finish	CMA Approved	Cost Code	Works Description	Allocated Budget	Comments
2012/13 Budget										
1		DC1208	Waltham Road Bends, Boreham	Boreham	Fri 10/05/13	17/07/2012	LCHE001001	Casualty Reduction Scheme - CR37	£63,500.00	
2			Sainsbury's Address, Colchester Road, Boreham	Boreham	TBC	04/12/2012	LCHE005002	Bus Stop Improvements - Raised kerbs	£2,500.00	Insufficient budget. Referred back to Passenger Transport
3		DC	Main Road _ Waltham Road Boreham	Boreham	2014/15 Delivery	01/03/2013	LCHE002002	LHP minor scheme - Junction improvement	£5,000.00	Scheme delayed due to historic investigations. New information received from HLO and scheme brief being written. Feasibility and option study to follow
4		DC1259	Broomfield Road	Broomfield	Mon 31/03/14	15/04/2012	LCHE002012	Reinstatement of Parking Bays, part of Broomfield Road trial	£2,000.00	TRO being processed.
5		DC1404E	Broomfield Primary School	Broomfield	Mon 31/03/14	26/09/2012	LCHE006001	SCP/Site Improvements - remedial works	£2,950.00	
6		DC1316	9 Broomfield Footpath	Broomfield	15/11/2013	26/09/2012	LCHE008001	PROW - Drainage and surface improvements	£3,500.00	
7		DC1258	Odeon Roundabout, Chelmsford DESIGN ONLY	Chelmsford Non Parished	Fri 22/02/13	17/07/2012	LCHE007001	LHP Minor Scheme - Signage and Left Turn lane	£4,000.00	
8		DC1259	Parkway jw Broomfield Road, Chelmsford	Chelmsford Non Parished	delivery 2014/15	17/07/2012	LCHE007002	LHP Minor Scheme - Traffic Appraisal	£13,000.00	
9		DC	New London Road jw Writtle Road and Elm Road	Chelmsford Non Parished	cancelled	14/08/2012	LCHE001009	Casualty Reduction scheme - CR40 cancelled following traffic appraisal	£10,500.00	Advised scheme cancelled after turning count
10		DC1404F	Melbourne Park Primary School	Chelmsford Non Parished	Mon 31/03/14	26/09/2012	LCHE006001	SCP/Site Improvements - Tactile paving (50130)	£2,500.00	
11		DC1538	Cathedral CE Primary School Victoria Road Chelmsford	Chelmsford Non Parished	Mon 31/03/14	04/12/2012	LCHE006004	SCP/Site Improvements - Remedial works (50122)	£5,000.00	
12			Hole in Hedge Shelter	Chelmsford Non Parished	Fri 06/09/13	04/12/2012	LCHE005010	Bus Stop Improvements - Wooden Shelter 15003407704	£7,500.00	
13			Waveney Drive Shelter - Blackwater close	Chelmsford Non Parished	Fri 23/08/13	04/12/2012	LCHE005005	Bus Stop Improvements - Metal shelter 15003402803	£4,000.00	
14			Kings Road Address, Broomfield Road	Chelmsford Non Parished	cancelled	04/12/2012	LCHE005001	Bus Stop Improvements - metal Shelter15003402001	£4,000.00	Scheme Cancelled by Passenger Transport, scheme failed safety audit
15			Galleywood Road opposite and adjacent Russel Gardens	Chelmsford Non Parished	Mon 01/04/13	04/12/2012	LCHE005008	Bus Stop Improvements	£2,000.00	
16			Bus stop - Eden Way, Address - Avon way	Chelmsford Non Parished	Fri 28/02/14	04/12/2012	LCHE005009	Bus Stop Improvements - Wooden Shelter 15003400505	£7,500.00	
17		DC1685	Avon Road, Chelmsford - FEASIBILITY ONLY v1	Chelmsford Non Parished	Fri 28/03/14	01/03/2013	LCHE001018	LHP Minor Schemes - Verge Parking improvements (Feasibility)	£2,000.00	
18			A138 Chelmsford Road/Sandford Road	Chelmsford Non Parished	Fri 28/02/14	26/09/2012	LCHE007003	EITS - Signals Upgrade DUSC/ETCC Control	£7,000.00	
19		DC1758	Gloucester Avenue Lucas Lane Chelmsford	Chelmsford Non Parished	on hold	01/03/2013	LCHE002005	LHP Minor scheme - VAS	£5,000.00	Speed surveys completed. Policy not met. To be cancelled.
20		DC1761	Trinity Road Chelmsford	Chelmsford Non Parished	cancelled	01/03/2013	LCHE002009	LHP Minor scheme - VAS	£5,000.00	Speed surveys completed. Policy not met. To be cancelled.
21			New London Road Subway Chelmsford	Chelmsford Non Parished	Mon 31/03/14	01/03/2013	LCHE004001	Cycling - Signage/street furniture improvements CH51/CH43	£33,912.00	
22		DC1764	Rainsford Road Chelmsford	Chelmsford Non Parished	2014/15 delivery	01/03/2013	LCHE004002	Cycling - works to allow contraflow cycling CH30	£12,744.00	Design in progress for 13/14 completion. Works in 14/15.
23		DC1765	Odeon Subway to Rochford Road Chelmsford	Chelmsford Non Parished	Mon 31/03/14	01/03/2013	LCHE003003	Cycling - de-clutter area/dropped kerbs	£15,480.00	
24		DC1818	Market Road Bus Station Access	Chelmsford Non Parished	Mon 31/03/14	01/03/2013	LCHE002003	LHP minor scheme - bus station access Improvements	£5,000.00	
25		DC1827	Parkway jw Tesco Home Store	Chelmsford Non Parished	Mon 31/03/14	01/03/2013	LCHE003007	Casualty Reduction scheme - CR48	£3,000.00	
26			A114 Van Diemens Approach to Parkway RAB	Chelmsford Non Parished	Tue 28/05/13	17/07/2012	LCHE001002	Casualty Reduction scheme - CR 38 Yellow backed pedestrian crossing warning sign	£21,500.00	
27		DC1759	Chignal Smealy	Chignal	on hold	01/03/2013	LCHE002006	LHP minor scheme - VAS	£5,000.00	Speed surveys completed. Policy not met. To be cancelled.
28		DC1404B	St Michaels C of E Junior School	Galleywood	delivery 2014/15	26/09/2012	LCHE006001	SCP/Site Improvements	£2,000.00	SCP lead contacted to confirm if this scheme has been implemented by SEPP
29			Galleywood Road Bus Stops	Galleywood	Wed 06/02/13	04/12/2012	LCHE005008	Bus Stop Improvements - new stops	£2,000.00	
30		DC1687	St Michaels CE Primary School	Galleywood	cancelled	19/12/2012	LCHE002001	Traffic Management Improvements (TMI)	£2,000.00	cancelled and amalgamated with DC1404B
31		DC1386	62 Galleywood	Galleywood	Mon 31/03/14	26/09/2012	LCHE008002	Resurface alleyway	£6,000.00	
32		DC1686	Ford End - FEASIBILITY ONLY	Great Leighs	Fri 28/03/14	01/03/2013	LCHE002001	LHP minor scheme - traffic management improvements feasibility	£5,000.00	
33		DC1388	108 Gt Waltham	Great Waltham	Mon 31/03/14	26/09/2012	LCHE001011 LCHE008004	PROW 108 - Drainage and surface improvements	£15,000.00	
34		DC1760	Souther Cross Road Good Easter	Good Easter	on hold	01/03/2013	LCHE002007	LHP minor scheme - VAS	£5,000.00	Speed surveys completed. Policy not met. To be cancelled.
35		DC1526	Main Road Margaretting DESIGN ONLY	Margaretting	Thu 18/07/13	04/12/2012	LCHE003002	LHP Minor scheme - footway	£30,000.00	
36			22 Margaretting Bridleway	Margaretting	Mon 31/03/14	26/09/2012	LCHE008005	PROW 22 - Anti-Slip Surfacing	£15,000.00	
37		DC	Main Road jw South Hanningfield Road Rettendon	Rettendon	cancelled	17/07/2012	LCHE001005	Casualty reduction scheme - CR42	£9,250.00	Scheme Cancelled, lining works being carried out by Maintenance team
38			Bus stop - Downham Road, Address - Brock Hill, Runwell	Runwell	Wed 20/03/13	04/12/2012	LCHE005011	Bus Stop Improvements - wooden shelter 1500IM4568	£7,500.00	
39		DC1211	A12 Howe Green Interchange	Sandon	Mon 31/03/14	17/07/2012	LCHE001004	Casualty reduction scheme - CR41	£11,000.00	Programme issues with HA.
40		DC1688	Woodhill Road nr Sandon School Sandon DESIGN ONLY	Sandon	Mon 31/03/14	01/03/2013	LCHE003006	LHP minor scheme - footway works	£2,000.00	Further investigation in relation to the scope of works being arranged.
41		DC1755	Hulls Lane Sandon DESIGN ONLY	Sandon	Nov-13	01/03/2013	LCHE001017	LHP minor scheme - dropped kerbs	£1,000.00	
42		DC1662	Heath Road Ramsden Heath	South Hanningfield	Mon 31/03/14	01/03/2013	LCHE002010	LHP minor scheme - SLOW road marking	£500.00	
43		DC	Mill Lane South Hanningfield	South Hanningfield	cancelled	01/03/2013	LCHE002008	LHP minor scheme - Lining / signing improvements	£5,000.00	Scheme Cancelled - Site visited side road ahead signs on both approaches are visible and in the correct position.
44		DC1390	1 St Hanningfield	South Hanningfield	Mon 31/03/14	26/09/2012	LCHE008006 LCHE001012	PROW 1 - Drainage and surface improvements	£15,000.00	
45		DC1391	57 St Hanningfield	South Hanningfield	Mon 31/03/14	14/01/2013	LCHE008007 LCHE001013	PROW 57 - Drainage and surface improvements	£12,000.00	
46		DC1539	Elmwood Primary School Hullbridge Road South Woodham Ferrers	South Woodham Ferrers	Mon 31/03/14	04/12/2012	LCHE006005	SCP/Site Improvements - tactile paving (50153)	£5,000.00	
47		DC1210	Cuton Hall Roundabout, Springfield	Springfield	Fri 29/03/13	17/07/2012	LCHE001003	Casualty reduction scheme - CR39	£7,750.00	
48		DC1404C	The Bishops CE RC Primary School	Springfield	delivery 2014/15	26/09/2012	LCHE006001	SCP/Site Improvements	£1,180.00	contacted SCP lead to confirm details TRO and waiting restrictions being processed.
49			Henniker Gate Shelter	Springfield	Mon 22/07/13	04/12/2012	LCHE005003	Bus Stop Improvements - wooden shelter 150033404605	£7,500.00	
50			Beeleigh Link Shelter	Springfield	Mon 31/03/14	04/12/2012	LCHE005007	Bus Stop Improvements - wooden shelter 15007344	£7,500.00	
51			TA Centre Shelter	Springfield	Fri 05/04/13	04/12/2012	LCHE005004	Bus Stop Improvements	£7,500.00	
52			Outside B & Q Address - Colchester Road, Springfield	Springfield	Mon 01/04/13	04/12/2012	LCHE005006	Bus Stop Improvements - relocate shelter	£2,000.00	
53		DC281	New Nabotts Way, Springfield DESIGN ONLY	Springfield	Wed 31/07/13	19/12/2012	LCHE001014	LHP minor scheme - Zebra Crossing	£3,000.00	
54		DC1757	Lawn Lane Springfield	Springfield	on hold	01/03/2013	LCHE002004	LHP minor scheme - VAS	£10,000.00	Speed surveys completed. Policy not met. To be cancelled.
55		DC1766	Chelmer Village Retail Park	Springfield	Mon 31/03/14	01/03/2013	LCHE003004	Cycling - widen ramp	£40,752.00	Top up £23k agreed
56		DC1767	White Hart Lane Springfield	Springfield	Mon 31/03/14	01/03/2013	LCHE003005	Cycling - widen footway and tie into cycleway	£38,304.00	Top up £47k to be confirmed, cost breakdown and drawings supplied
57		DC1403	St Marys Ingatestone Road, Stock	Stock	Mon 31/03/14	26/09/2012	LCHE001010	Casualty reduction scheme - CR49	£27,000.00	
58		DC1404D	Stock CE Primary School	Stock	Mon 31/03/14	26/09/2012	LCHE006001	SCP/Site Improvements	£1,770.00	following discussion with SCP to investigate background to scheme request and provide any data relating to near misses/incidents at site. Await update from SCP
59		DC1540	45 River Wid	Stock	cancelled	04/12/2012	LCHE008008	PROW 45 - No bridge and ford too deep to cross,	£15,000.00	Scheme Cancelled
60		DC1387	37 Stock	Stock	27/11/2012	14/01/2013	LCHE008009 LCHE008003	PROW 37 - Drainage and surface improvements	£9,000.00	
61		DC1215	A414 Writtle Garden Centre	Writtle	Tue 23/04/13	17/07/2012	LCHE001008	Casualty reduction scheme - CR45 junction improvement	£8,000.00	
62		DC1404A	Writtle Infant _ Junior School	Writtle	delivery 2014/15	26/09/2012	LCHE006001	SCP/Site Improvements - feasibility/TRO (50158)	£6,770.00	SCP lead to confirm details TRO and waiting restrictions being processed.
2013/14 Approved										
63			Lodge Road, Bicknacre	Bicknacre	2014/15 Delivery	12/09/2013	LCHE132025	Feasibility study into passing bays (to include speed/volume surveys and improvement options)	£4,000.00	Speed survey completed showed good compliance with existing speed limit. Feasibility study on going.
64		DC1689	Linnet Drive jw Plane Tree Close _Chelmsford	Chelmsford Non Parished	on hold	08/04/2013	LCHE003009	LHP minor scheme - parking restrictions by Parking Partnership	£2,000.00	Parking Partnership
65		DC1756	Chignal Road (Avon Road jw Newland Spring) Chelmsford	Chelmsford Non Parished	on hold	08/04/2013	LCHE001021	LHP minor scheme - VAS	£8,500.00	Speed surveys completed. Policy not met. Likely to be cancelled.
66		DC1754	Navigation Road Springfield Road Chelmsford FEASIBILITY STUDY	Chelmsford Non Parished	Mon 31/03/14	08/04/2013	LCHE001020	LHP minor scheme - junction improvement feasibility	£2,000.00	Study brought to January 2014 LHP
67		DC	Parkway A1060 Odeon RAB	Chelmsford Non Parished	2014/15 Delivery	10/07/2013	LCHE132022	LHP minor scheme - Traffic management improvements signage and left turn lane	£41,000.00	Temporary scheme installed. To be formalised.
68			Oliver Way jw Copperfield Rd (post design phase)	Chelmsford Non Parished	Mon 31/03/14	10/07/2013	LCHE131028	Casualty reduction scheme	£5,000.00	
69			Rainsford Road jw Primrose Hill (post design phase)	Chelmsford Non Parished	Mon 31/03/14	10/07/2013	LCHE131027	Casualty reduction scheme	£4,000.00	
70		DC	Kings Road Prim School Broomfield Road	Chelmsford Non Parished	Mon 31/03/14	26/07/2013	LCHE136002	SCP/Site Improvements	£3,000.00	
71			Linnet Drive	Chelmsford Non Parished	Mon 31/03/14	10/07/2013	LCHE341050	Bus Stop Improvements	£12,000.00	
72			ITS0006 7F01 Army and Navy flyover	Chelmsford Non Parished	Mon 31/03/14	01/03/2013	LCHE001015	Vegetation clearance	£23,000.00	Risk remains because of conflict with other work at Army and Navy.
73			ITS0006 7F01 Army and Navy flyover	Chelmsford Non Parished	Mon 31/03/14	01/03/2013	LCHE001016	EITS - flyover improvements new signs/control system/reduction of clutter	£175,000.00	There is a risk that this package of work may not be delivered 2013/14 because of conflict with other work at Army & Navy. We are reviewing SCPs workload to direct delivery to those with capacity. Work around to spend budget may be needed such as procure equipment for installation later in 2014/15.
74			Springfield Green Chelmsford	Chelmsford Non Parished	Mon 31/03/14	10/07/2013	LCHE135001	Bus Stop Improvements - new wooden shelter	£8,500.00	
75			West End of Chelmsford	Chelmsford Non Parished	Mon 31/03/14	12/09/2013	LCHE132056	LHP minor scheme - Improved Signing to West End of Chelmsford - Design only - To review current designs/assess proposed locations and provide target cost for overall scheme	£3,500.00	
76			Citywide	Chelmsford Non Parished	2014/15 Delivery	12/09/2013	LCHE134003	Cycle stands working with external organisation - Park That Bike, locations to be advised	£4,800.00	
77			Maltese Road/ridge well Avenue, Swiss Avenue, Chelmsford	Chelmsford Non Parished	2014/15 Delivery	12/09/2013	LCHE134004	Cycling scheme - CH44 - Design only of cycling scheme (£35k)	£4,000.00	
78			Melbourne Avenue, Chelmsford	Chelmsford Non Parished	2014/15 Delivery	12/09/2013	LCHE134006	Cycling scheme - CH17 - Design only of cycling scheme (£25k)	£3,000.00	
79			Westway, Chelmsford	Chelmsford Non Parished	2014/15 Delivery	12/09/2013	LCHE134007	Cycling scheme - CH35 - Design only of cycling scheme (£225k)	£4,000.00	
80			Walham Glen, Chelmsford	Chelmsford Non Parished	2014/15 Delivery	12/09/2013	LCHE134008	Cycling scheme - CH1 - Design only of Cycling scheme (£5k)	£1,500.00	
81			Princess Road, Chelmsford	Chelmsford Non Parished	2014/15 Delivery	12/09/2013	LCHE134009	Cycling scheme - CH34 - Design only of Cycling Scheme (£95k)	£5,000.00	
82			Broomfield Road nr Skerry Rise, Chelmsford	Chelmsford Non Parished	2014/15 Delivery	12/11/2013	LCHE135011	Bus stop improvements - New bus shelter	£8,500.00	

No.	RAG *	Design Reference Number	Task Name	Parish	Finish	CMA Approved	Cost Code	Works Description	Allocated Budget	Comments
2013/14 Approved (continued)										
83			Dyers Hall - The Cricket Ground Chignal Smealy - FEASIBILITY STUDY	Chignal	Mon 31/03/14	08/04/2013	LCHE001022	LHP minor scheme - Passing Places - feasibility	£2,000.00	
84			Bicknacre Road Gay Bowers Rd (post design phase)	Danbury	Mon 31/03/14	10/07/2013	LCHE131030	Casualty reduction scheme	£5,250.00	
85			Main Road nr j/w rectory Farmhouse Lane, Danbury	Danbury	Mon 31/03/14	12/09/2013	LCHE132029	LHP minor scheme - Feasibility study into prevent vehicles obstructing sight lines, to provide options	£1,000.00	
86			Butts Lane j/w Little Baddow Road, Danbury	Danbury	2014/15 Delivery	12/11/2013	LCHE132052	LHP minor scheme - Junction improvements - "bell bollard" to prevent vehicles over running the verge	£2,000 (Bollard and £500 (Design)	
87			Main Road, East Hanningfield	East Hanningfield	2014/15 Delivery	12/09/2013	LCHE133011	LHP minor scheme - To look at kerbing to prevent verge over-run	£2,500.00	
88		DC1321	Margaretting Road, Galleywood	Galleywood	2014/15 Delivery	12/09/2013	LCHE003001	Continuation of footway from Village to Heritage Centre - Civil Works £88k, Legal/Design Costs £31k. Panel wish to use unspent budget from 2012/13	£124,000.00	
89			Rothmans Avenue GB	Great Baddow	Mon 31/03/14	26/07/2013	LCHE135004	Bus Stop Improvements	£900.00	
90			Rothmans Avenue	Great Baddow	Mon 31/03/14	26/07/2013	LCHE135003	Bus Stop Improvements	£1,500.00	
91		DC1213	Baddow Road , Meadgate Avenue, Chelmsford	Great Baddow	2014/15 Delivery	12/09/2013	LCHE001006	Casualty Reduction Scheme 2012/13 for pedestrian crossing improvements	£11,000.00	£5k Top up agreed
92		DC1603	A131 Moulsham Hall Lane Roundabout Great Leighs DESIGN ONLY	Great Leighs	Mon 31/03/14	29/04/2013	LCHE001026	casualty reduction scheme - signage/road markings	£16,000.00	
93			Ingatestone Road/Blackmore Road/Highwood Road, Highwood	Highwood	2014/15 Delivery	12/11/2013	LCHE132061	LHP minor scheme - signage improvements for Village Hall - add Highwood to finger post	£500 (Sign) and £200 (Design)	
94			The Black Bull	Margaretting	Mon 31/03/14	10/07/2013	LCHE135005	Bus Stop Improvements - install larger shelter	£8,500.00	
95			The Red Lion, Margaretting	Margaretting	2014/15 Delivery	12/11/2013	LCHE135013	Bus stop improvements - Relocate shelter from Black Bull	£3,000.00	
96			Mashbury Parish	Mashbury	2014/15 Delivery	12/11/2013	LCHE132055	LHP minor scheme -Horse & Rider signage	£2,500 (Signs, Posts) and £1,500 (Design)	
97			Dowsetts Lane	Ramsden heath	Mon 31/03/14	10/07/2013	LCHE135006	Bus Stop Improvements - bus cage	£1,000.00	
98			Stop ID 08002002 Hoe Lane, Rettendon	Rettendon	2014/15 Delivery	12/11/2013	LCHE135012	Bus stop improvements - New wooden shelter	£10,000.00	
99		DC1214*	A132/A130/B1012 Hawk Hill Roundabout, Battlesbridge	Rettendon	Tue 30/07/13	17/07/2012 01/03/2013	LCHE001007 LCHE002011	Casualty reduction scheme	£16,200.00	
100		DC	Runwell Community Primary School Swan Lane	Runwell	Mon 31/03/14	26/07/2013	LCHE136001	SCP/ Site Improvements	£2,950.00	
101		DC1599	A1060 Maldon Road jw Brick Kiln Road Sandon	Sandon	Mon 31/03/14	29/04/2013	LCHE001025	casualty reduction scheme - signage/road markings	£5,000.00	
102		DC	Springfield Road (nr Oasis Court) FEASIBILITY STUDY	Springfield	Mon 31/03/14	08/04/2013	LCHE001023	LHP minor scheme - Ped crossing - feasibility	£2,000.00	
103			New Bowers Way Springfield	Springfield	Mon 31/03/14	10/07/2013	LCHE135007	Bus Stop Improvements	£8,700.00	
104			Barlows reach	Springfield	14/11/2013	10/07/2013	LCHE135008	Bus Stop Improvements - new littlethorpe shelter	£8,500.00	
105			Haveingore	Springfield	Mon 31/03/14	10/07/2013	LCHE135509	Bus Stop Improvements	£6,000.00	
106			Mayne Crest, Springfield	Springfield	2014/15 Delivery	12/11/2013	LCHE132062	LHP minor scheme Pedestrian guard rail at footway from Pump Lane	£1,500 (Guard rail) and £500 (Design)	
107			A130, White Hart Lane, Springfield	Springfield	2014/15 Delivery	12/11/2013	LCHE132063	LHP minor scheme - KEEP CLEAR road markings at Shardelow Ave/New Nabbotts Way and Beaulieu Way/New Bowers Way roundabouts	£4,000 (Road markings) and £500 (Design)	
108			Heath Road, South Hanningfield	South Hanningfield	2014/15 Delivery	12/11/2013	LCHE132078	LHP minor scheme - 30 mph and 40 mph roundel road markings	£1,500 (Road markings) and £500 (Design)	
109		DC1601	B1007 Stock Road jw Downham Road, Stock (Design Only)	Stock	cancelled	29/04/2013	LCHE001024	Casualty reduction scheme	£5,000.00	Recommissioned with a new cost code LCHE131031
110		DC	B1007 Stock Rd Downham Rd (Implementation)	Stock	cancelled	16/07/2013	LCHE131034	Casualty reduction scheme	£3,000.00	Recommissioned with a new cost code LCHE131034
111			B1007 Stock Road j/w Bakers Lane, Stock	Stock	Mon 31/03/14	03/12/2013	LCHE131031	Casualty reduction scheme to be delivered 2013/14 - Signing/Lining improvements at junction. Previous Scheme ID incorrect	£5,000.00	
112			B1007 Stock Road j/w Downham Road, Stock	Stock	Mon 31/03/14	03/12/2013	LCHE131034	Casualty reduction scheme to be delivered 2013/14 - Signing/Lining improvements at junction. Previous Scheme ID incorrect	£3,000.00	
113		DC	Hylands School Writtle FEASIBILITY STUDY	Writtle	Mon 31/03/14	08/04/2013	LCHE003008	LHP minor scheme Ped crossing - feasibility	£2,000.00	
114			Lodge Road j/w Romans Place, Writtle	Writtle	2014/15 Delivery	12/09/2013	LCHE132012	LHP minor scheme - Completion of tactile paving at crossing point	£2,000.00	
115			Paradise Road, Writtle	Writtle	2014/15 Delivery	12/11/2013	LCHE132045	LHP minor scheme - Signage improvements	£1,500 (Signs) and £500 (Design)	
Revenue Schemes										
116		Revenue	Main Road, Woodham Ferrers	Bicknacre & Woodham Ferrers	27/11/2013	12/09/2013	LCHE132023	LHP minor scheme - Request for 20 mph speed limit - speed surveys required for validation	£1,000.00	
117		Revenue	Bicknacre Road, Bicknacre	Bicknacre & Woodham Ferrers	27/11/2013	12/09/2013	LCHE132024	LHP minor scheme - Request for 20 mph speed limit - speed surveys required for validation	£1,000.00	
118		Revenue	Broomfield Parade, Broomfield Road, Chelmsford	Broomfield	2014/15 Delivery	12/11/2013	LCHE132051	LHP minor scheme - Feasibility study into parking provisions o/s parade of shops (lay-by, echelon etc.)	£2,500.00	
119		Revenue	Sandford Mill Road, Chelmer Village	Chelmsford Non Parished	12/12/2013	12/09/2013	LCHE132027	LHP minor scheme - Scheme Validation for reduction in speed form 60 to 30 mph requires speed survey	£210.00	
120		Revenue	New London Road /Writtle Road/ Elm Road	Chelmsford Non Parished	Sep-13	26/09/2012	LCHE001009	12 hour turning movement count	£1,000.00	
121		Revenue	Kings Road & Swiss Avenue, Chelmsford	Chelmsford Non Parished	31/10/2013	10/07/2013	LCHE132021	LHP minor scheme- Speed Surveys (x2) to assist with Scheme validation	£400.00	
122		Revenue	A1060 Roxwell Road, west of j/w Chignal Road, Chelmsford	Chelmsford Non Parished	27/11/2013	12/09/2013	LCHE131035	Request for speed survey to aid Casualty Reduction Investigation	£210.00	
124		Revenue	North Avenue north of j/w Kings Road, Chelmsford	Chelmsford Non Parished	17/12/2013	12/09/2013	LCHE132048	LHP minor scheme - Scheme Validation for pedestrian crossing requires PV ² Survey	£890.00	
125		Revenue	Old Moulsham (Moulsham Dr/Lady Ln/Hamlet Rd/St Johns Rd/Vicarage Rd/Moulsham St), Chelmsford	Chelmsford Non Parished	18/12/2013	12/11/2013	LCHE132057	LHP minor scheme - Seven speed surveys to feed into 20 mph zone/limit validation	£1,470.00	
126		Revenue	Railway Bridge, arbour Lane, Chelmsford	Chelmsford Non Parished	13/12/2013	12/11/2013	LCHE132058	LHP minor scheme - Two speed surveys to feed into validation of footway improvements across bridge	£420.00	
127		Revenue	Pollards Green, Chelmer Village	Chelmsford Non Parished	13/12/2013	12/11/2013	LCHE132064	LHP minor scheme - Speed survey to feed into 20mph speed limit request	£210.00	
128		Revenue	Penny Royal Road (Mayes Lane to Woodhill Road) Danbury	Danbury	2014/15 Delivery	12/11/2013	LCHE132053	LHP minor scheme - Feasibility study to look at provision of footway to link village	£3,500.00	
129		Revenue	Barnard Road, Galleywood	Galleywood	12/12/2013	12/09/2013	LCHE132015	LHP minor scheme - Scheme validation for 20 mph speed limit o/s school requires speed survey	£210.00	
130		Revenue	B1002 main Road, Wantz Road/Writtle Road, Margaretting	Margaretting	13/12/2013	12/09/2013	LCHE132059	LHP minor scheme - Scheme validation for reduction in speed from 40 to 30 mph requires speed surveys	£420.00	
131		Revenue	Heath Road, Ramsden Heath	Ramsden Heath	19/12/2013	12/09/2013	LCHE132020	LHP minor scheme - Scheme validation for extension of existing 30 mph speed limit requires speed survey	£210.00	
132		Revenue	Heath Road, South Hanningfield	South Hanningfield	22/01/2014	12/11/2013	LCHE132067	LHP minor scheme -Two speed surveys to feed into VAS validation	£420.00	(resurveyed)
133		Revenue	A132 Burnham Road nr Wickford RAB, South Woodham Ferrers B1012 Woodham Road nr RAB with Burnham Road, South Woodham Ferrers	South Woodham Ferrers	2014/15 Delivery	12/11/2013	LCHE132038 LCHE132039	LHP minor scheme - Feasibility study into repositioning Town nameplates/SLOW road markings /extension of 40 mph speed limits	£4,000.00	
123		Revenue	Church Road j/w Middlemead	West Hanningfield	12/12/2013	24/09/2013	LCHE132044	LHP minor scheme - Speed surveys (x2) to feed into scheme validation	£420.00	

Chelmsford City Local Highways Panel

Scheme Drawings

The three attached drawings are for two Cycling Schemes currently on the Approved Works Programme.

1. Scheme 55

LCHE003004 Chelmer Village Retail Park (DC1766)
Additional £23,000 funding recommended on 15/01/14

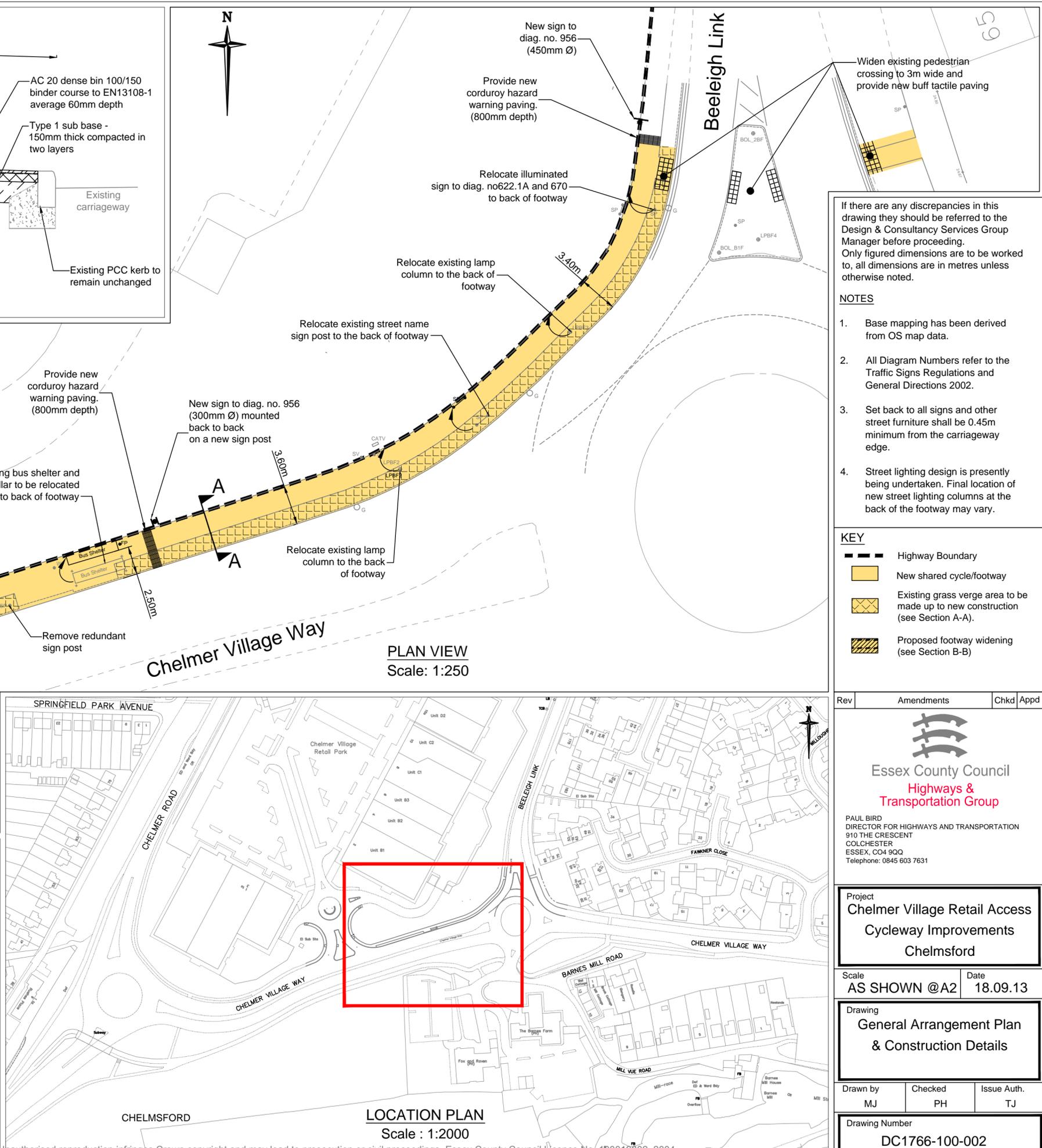
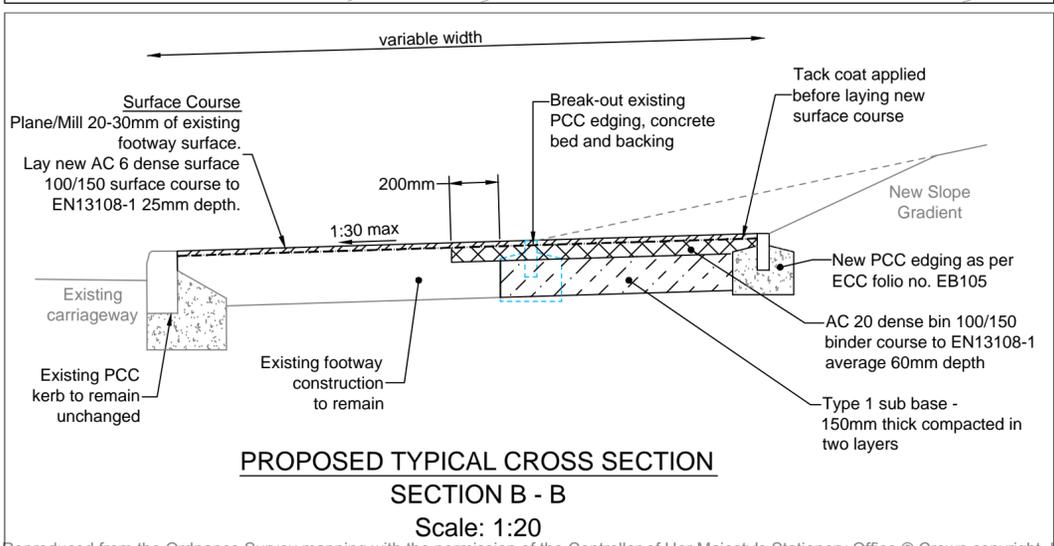
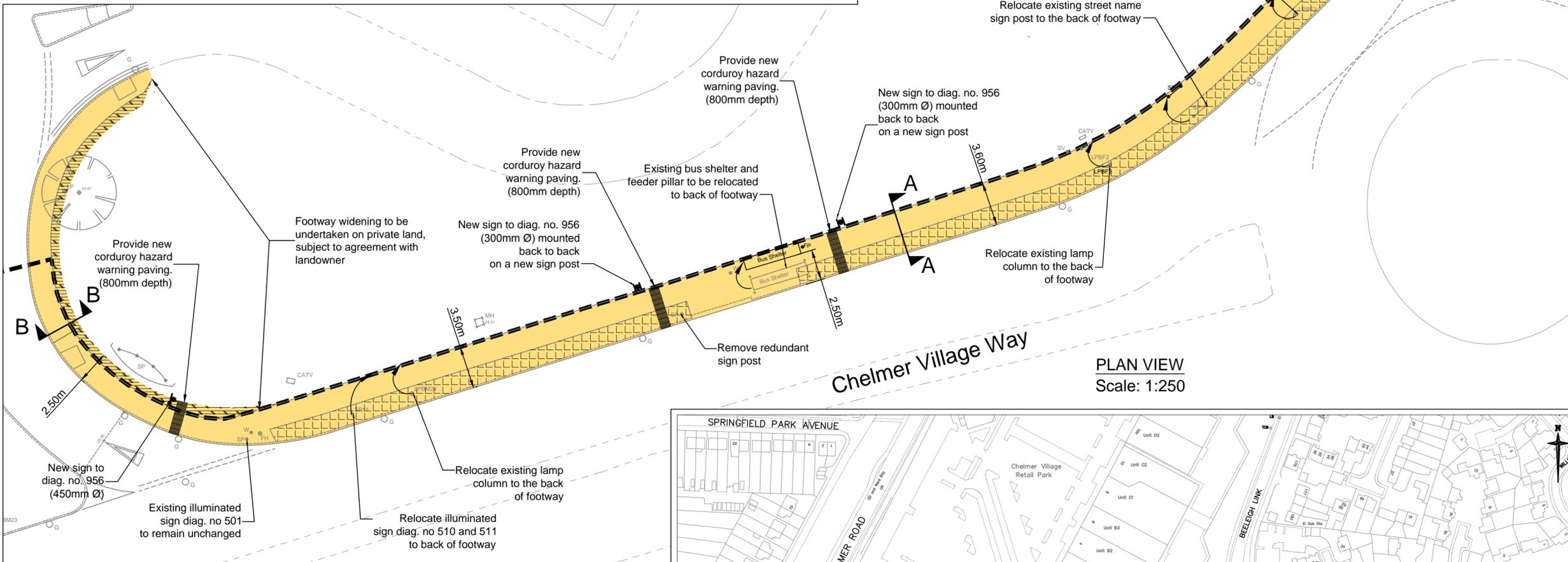
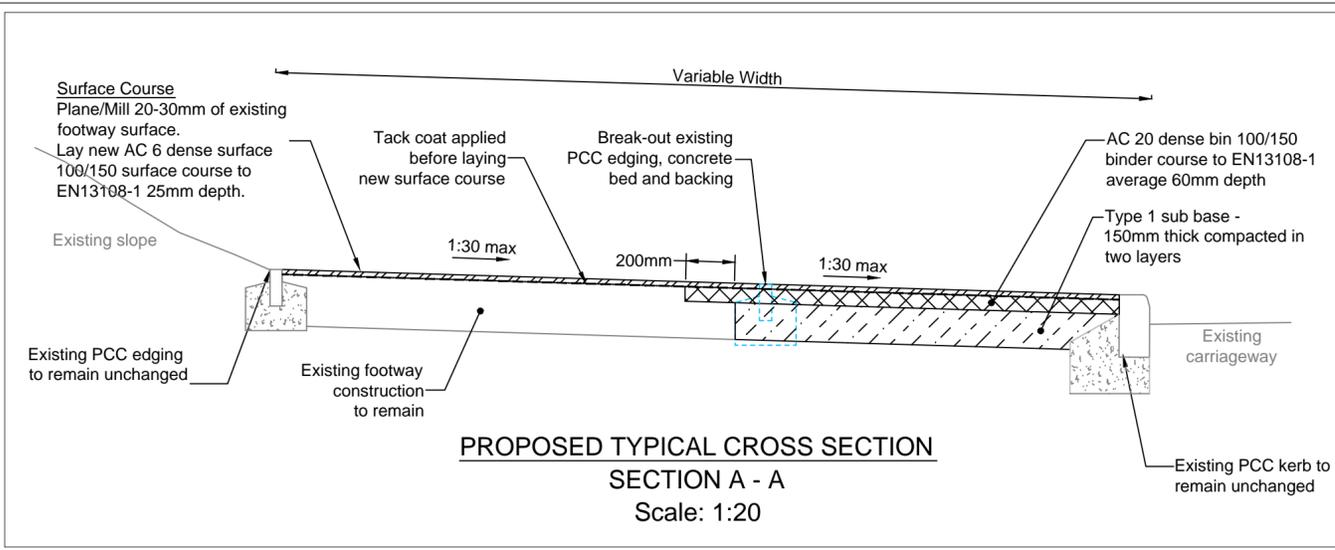
Drawing DC1766-100-002

2. Scheme 56

LCHE003005 White Hart Lane, Springfield Phase 1 (DC1767)
Additional £47,000 funding required

Drawing DC1767-200-003

Drawing DC1767-200-004



- If there are any discrepancies in this drawing they should be referred to the Design & Consultancy Services Group Manager before proceeding. Only figured dimensions are to be worked to, all dimensions are in metres unless otherwise noted.
- NOTES**
1. Base mapping has been derived from OS map data.
 2. All Diagram Numbers refer to the Traffic Signs Regulations and General Directions 2002.
 3. Set back to all signs and other street furniture shall be 0.45m minimum from the carriageway edge.
 4. Street lighting design is presently being undertaken. Final location of new street lighting columns at the back of the footway may vary.

KEY

- Highway Boundary
- Yellow fill New shared cycle/footway
- Hatched Existing grass verge area to be made up to new construction (see Section A-A).
- Diagonal hatching Proposed footway widening (see Section B-B)

Rev	Amendments	Chkd	Appd

Essex County Council
Highways & Transportation Group

PAUL BIRD
 DIRECTOR FOR HIGHWAYS AND TRANSPORTATION
 910 THE CRESCENT
 COLCHESTER
 ESSEX, CO4 9QQ
 Telephone: 0845 603 7631

Project
**Chelmer Village Retail Access
 Cycleway Improvements
 Chelmsford**

Scale
AS SHOWN @A2

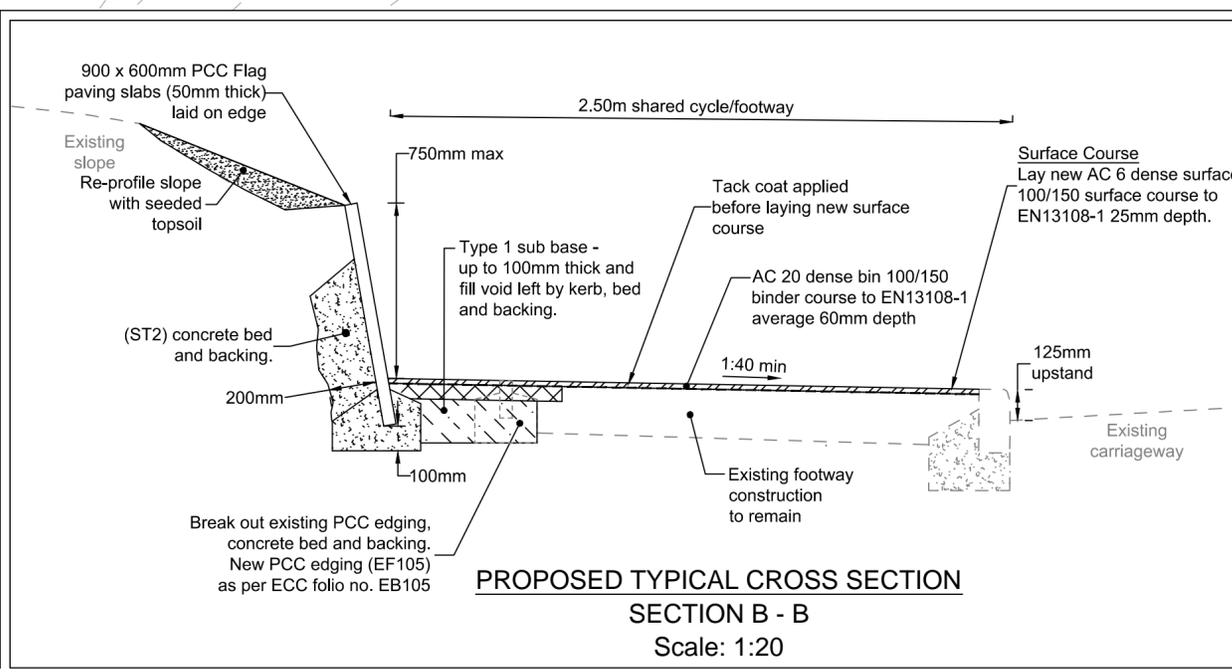
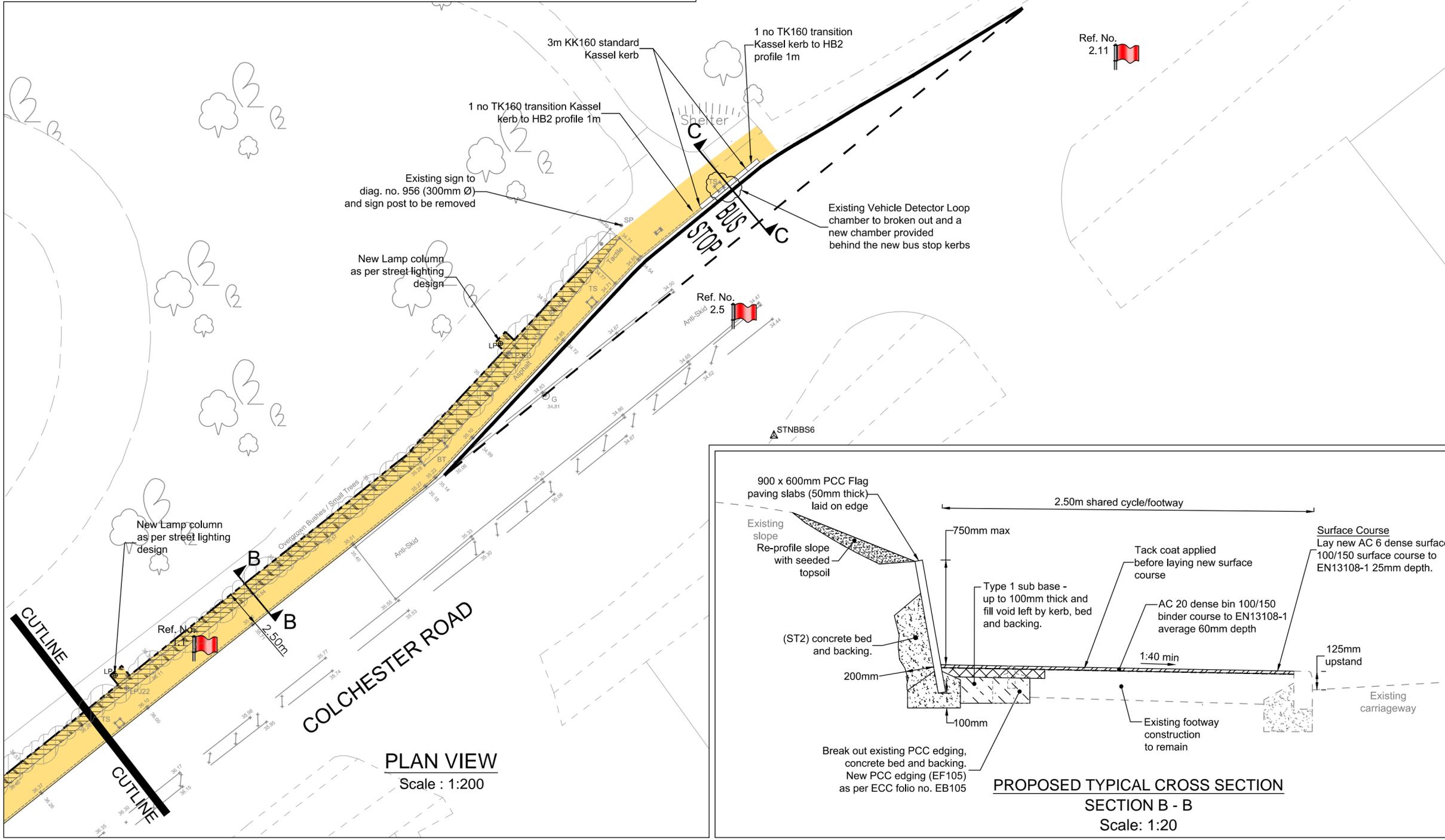
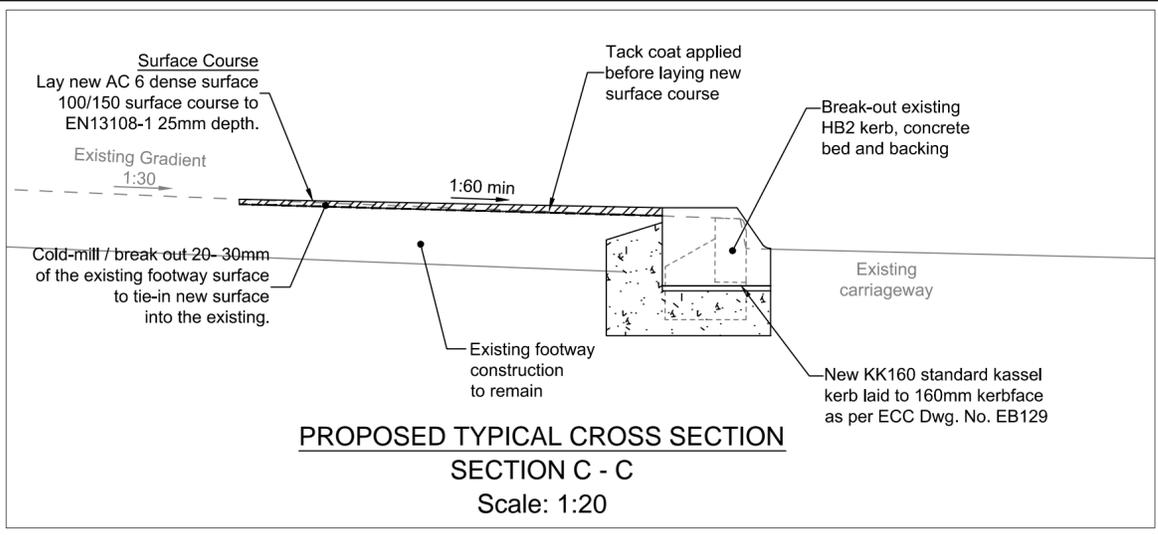
Date
18.09.13

Drawing
**General Arrangement Plan
 & Construction Details**

Drawn by MJ	Checked PH	Issue Auth. TJ
----------------	---------------	-------------------

Drawing Number
DC1766-100-002

- Notes**
1. Do not scale. This drawing is to be read in conjunction with all other contract drawings and documents.
 2. All works to be in accordance with the Department of Transport's Specification for Highway Works and Essex County Council Specifications and Standard Construction Drawings.
 3. Base mapping has been derived from OS map data.
 4. All Diagram Numbers refer to the Traffic Signs Regulations and General Directions 2002.
 5. Set back to all signs and other street furniture shall be 0.45m minimum from the carriageway edge.
 6. Street lighting design is presently being undertaken. Final location of new street lighting columns at the back of the footway may vary.
 7. This drawing is to be read in conjunction with drawing No. DC1767-200-003.



KEY

- Highway Boundary
- New shared cycle/footway
- Proposed footway widening (See Section A-A, Drawing No. DC1767-200-003)
- Proposed footway widening (See Section B-B)
- Extents of new footway surface (See Section C-C)
- Retaining structure - 900mm x 600mm PCC slab (50mm thick) laid on edge (See Section B-B)
- Extents of existing vegetation to be cleared
- Identified hazards - Refer to relevant scheme DHAZ3 form

REV.	DATE	AMENDMENT DESCRIPTION	DRAWN	CHECKED
B	16.12.13	REVISED FOOTWAY DESIGN	MJ	TJ

DRAWING STATUS: CONSTRUCTION

Essex Highways

Ringway Jacobs working in partnership with Essex County Council

Paul Bird, Director for Highways & Transportation
County Hall, Chelmsford. CM1 1QH
Tel: 0845 6037631

© Essex County Council

SCHEME TITLE: White Hart Lane Cycleway Improvements Chelmsford

DRAWING TITLE: General Arrangement Plan Phase 1 Sheet 2 of 2

SURVEYED	DESIGNED	DRAWN	CHECKED	AUTHORISED
BBS	MJ	MJ	PH	TJ
DATE: 14.09.13	DATE: 14.10.13	DATE: 14.10.13	DATE: 22.10.13	DATE: 06.11.13

DRAWING UNITS: U.N.O. DIMENSIONS IN MILLIMETRES LEVELS IN METRES

SCALE: AT A2 (594x420mm) As Shown

DRAWING No. DC1767-200-004	REV. B
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Chelmsford City Local Highways Panel

Traffic Survey Results

1. LCHE132024 – Bicknacre Road, Bicknacre

Project - 13155 WOODHAM FERRERS

Automatic Traffic Count (7 day speed/volume) – results show reasonable compliance with existing speed limit, these results will now feed into the Scheme Validation process.

2. LCHE132035 – A1060 Roxwell Road, west of j/w Chignal Road, Chelmsford

Project – 13158 CHLMS

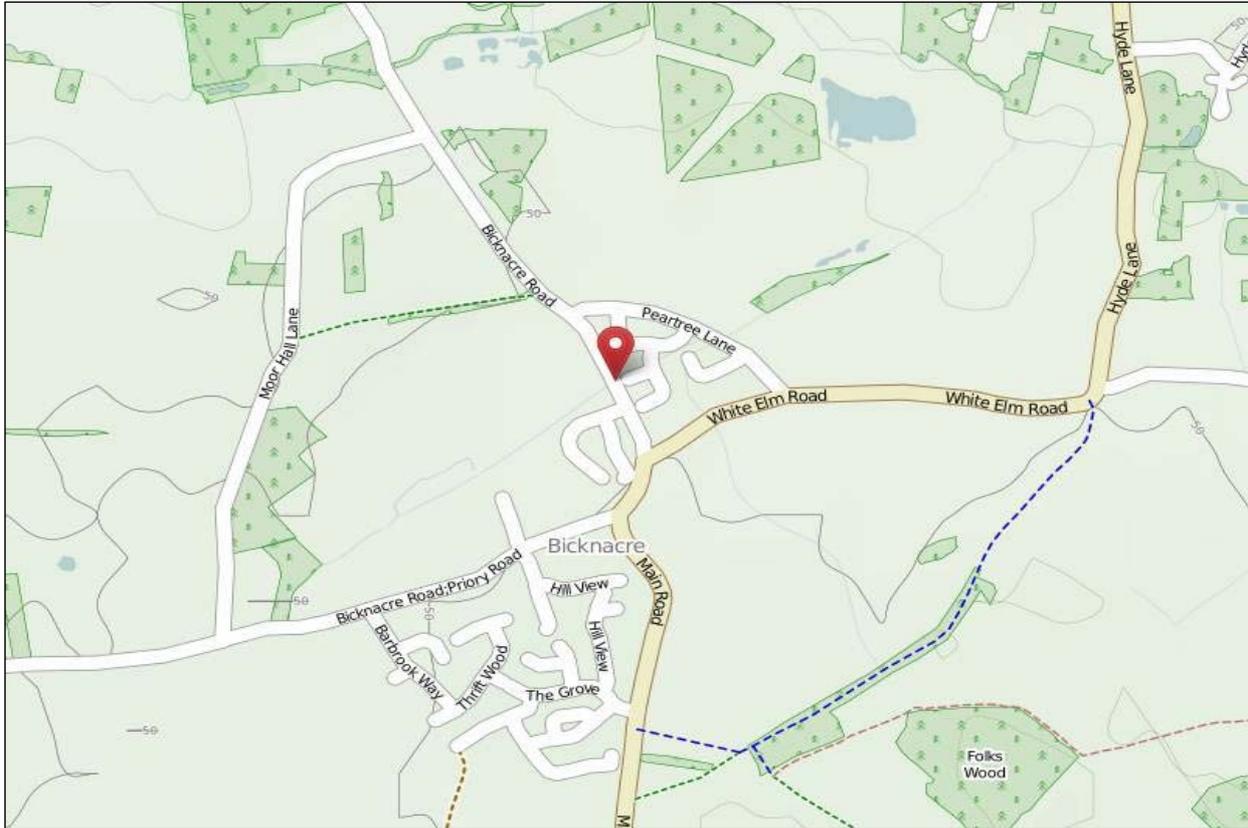
Automatic Traffic Count (7 day speed/volume) – results show Good compliance with existing speed limit, Scheme Validation process now to look at existing speed limit and its extent.

3. LCHE132067 – Heath Road, Ramsden Heath

Project – 13185 RMSDHTH

Automatic Traffic Count (7 day speed/volume) – Good reasonable compliance with existing speed limit, these results will now feed into the Scheme Validation process.

PROJECT 13155 WOODHAM FERRERS
LOCATION ATC02 - Bicknacre Road, Bicknacre
START DATE Tue 19 Nov, 2013
DIRECTIONS Northbound / southbound
SURVEY TYPE 10-class, 15-min intervals, 7 days
ONLINE MAP [Click here](#)

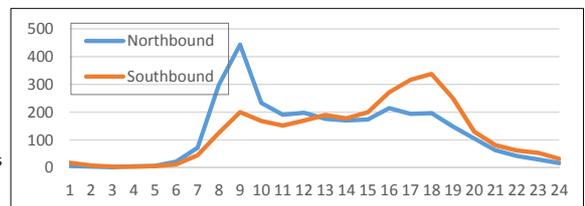


Posted speed limit: 30mph	
Northbound weekday average speed: 31.3mph	Northbound total volume: 21,023
Northboundbound 7-day average speed: 31.7mph	
Southbound weekday average speed: 33.6mph	Southbound total volume: 21,042
Southbound 7-day average speed: 34mph	

In queuing conditions, the accuracy of ATC recording equipment will reduce as follows;

- 20 – 30mph: potential reduction of 9% accuracy in volume values
- 10 – 20mph: potential reduction of 26% accuracy in volume values
- 0 – 10mph: potential reduction of 39% accuracy in volume values

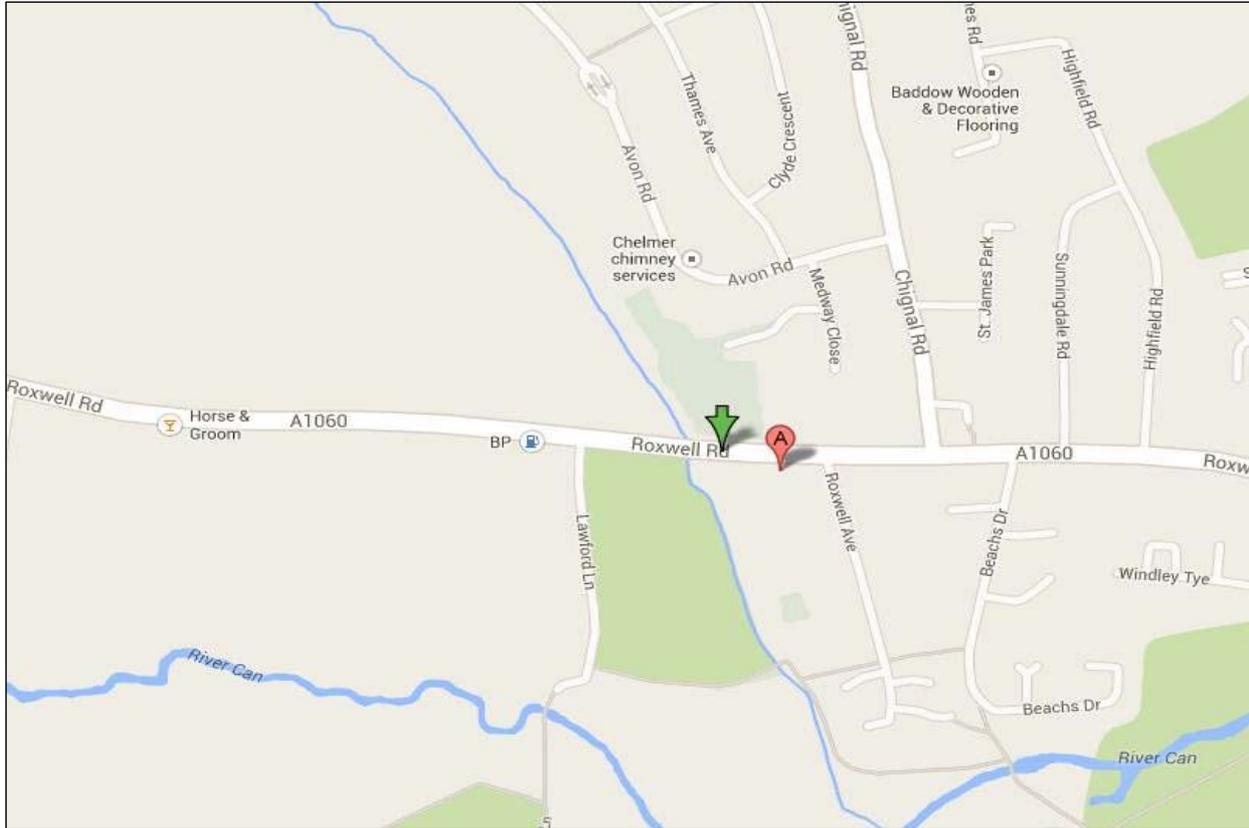
These figures are based on multiple ATC results compared against accepted reference values from resilient manual counts.



Produced by	Paul Dolphin	Date	
Checked by	Paul Dolphin	Date	
Authorised by	Chris Britton	Date	



PROJECT 13158 CHLMS
LOCATION ATC01 - Roxwell Road, Chelmsford
START DATE Tue 19 Nov, 2013
DIRECTIONS Westbound / eastbound
SURVEY TYPE 10-class, 15-min intervals, 7 days
ONLINE MAP [Click here](#)

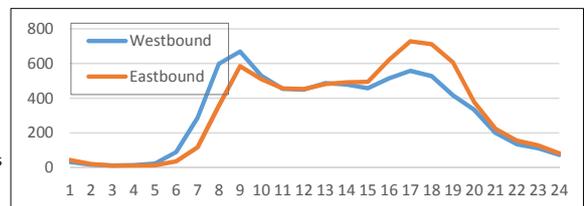


Posted speed limit: 60mph	
Westbound weekday average speed: 39.1mph	Westbound total volume: 52,304
Westbound 7-day average speed: 39.3mph	
Eastbound weekday average speed: 35.4mph	Eastbound total volume: 54,056
Eastbound 7-day average speed: 36.3mph	

In queuing conditions, the accuracy of ATC recording equipment will reduce as follows;

- 20 – 30mph: potential reduction of 9% accuracy in volume values
- 10 – 20mph: potential reduction of 26% accuracy in volume values
- 0 – 10mph: potential reduction of 39% accuracy in volume values

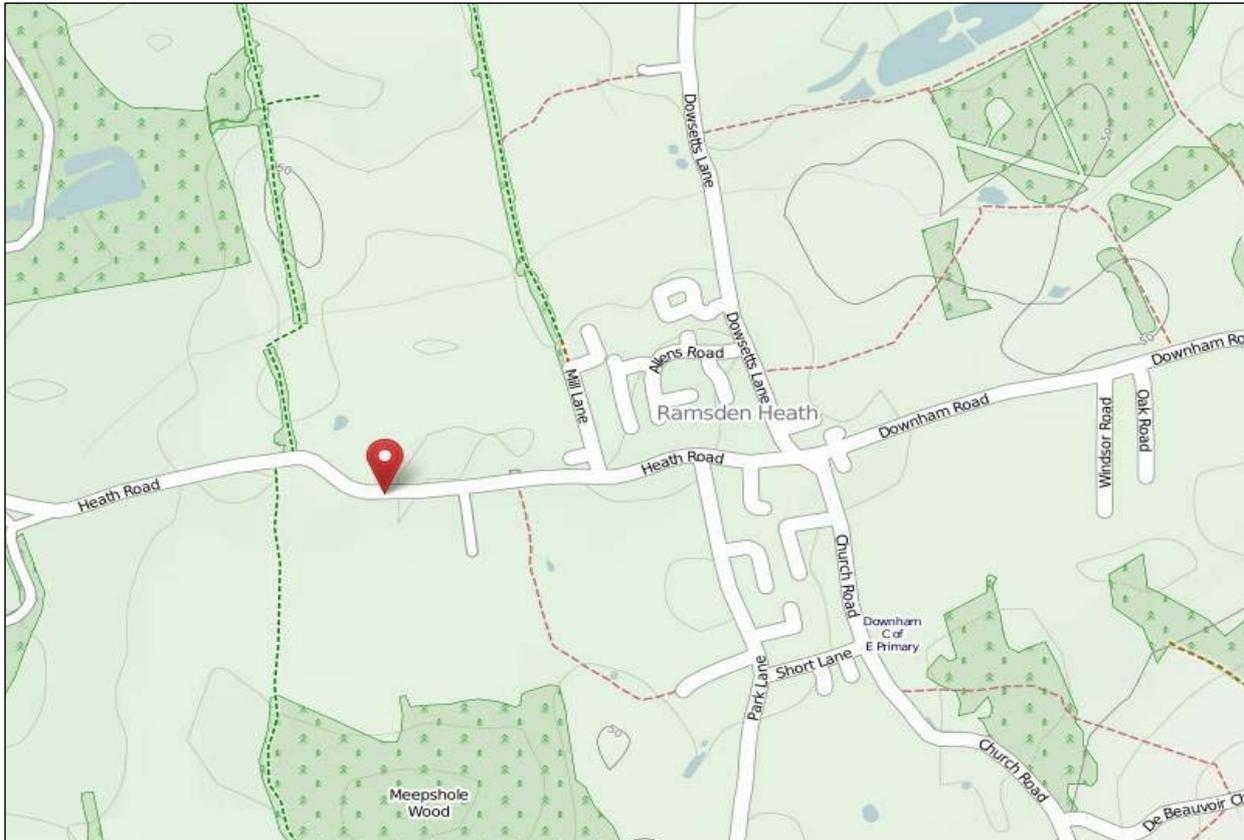
These figures are based on multiple ATC results compared against accepted reference values from resilient manual counts.



Produced by	Paul Dolphin	Date	Wed 27 November, 2013
Checked by	Paul Dolphin	Date	Wed 27 November, 2013
Authorised by	Chris Britton	Date	Wed 27 November, 2013



PROJECT 13185 RMSDNHTH
LOCATION ATC01 - Heath Road (west), Ramsden Heath
START DATE Sat 11 Jan, 2014
DIRECTIONS Westbound / Eastbound
SURVEY TYPE 10-class, 15-min intervals, 7 days
ONLINE MAP [Click here](#)

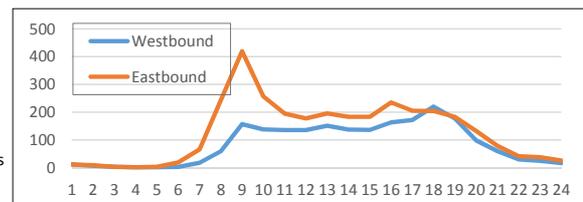


Posted speed limit: 40mph	
Westbound weekday average speed: 40.8mph	Westbound total volume: 14,446
Westbound 7-day average speed: 40.1mph	
Westbound 7-day 85%ile: 43.2mph	
Eastbound weekday average speed: 35.8mph	Eastbound total volume: 21,823
Eastbound 7-day average speed: 36.6mph	
Eastbound 7-day 85%ile: 39.9mph	

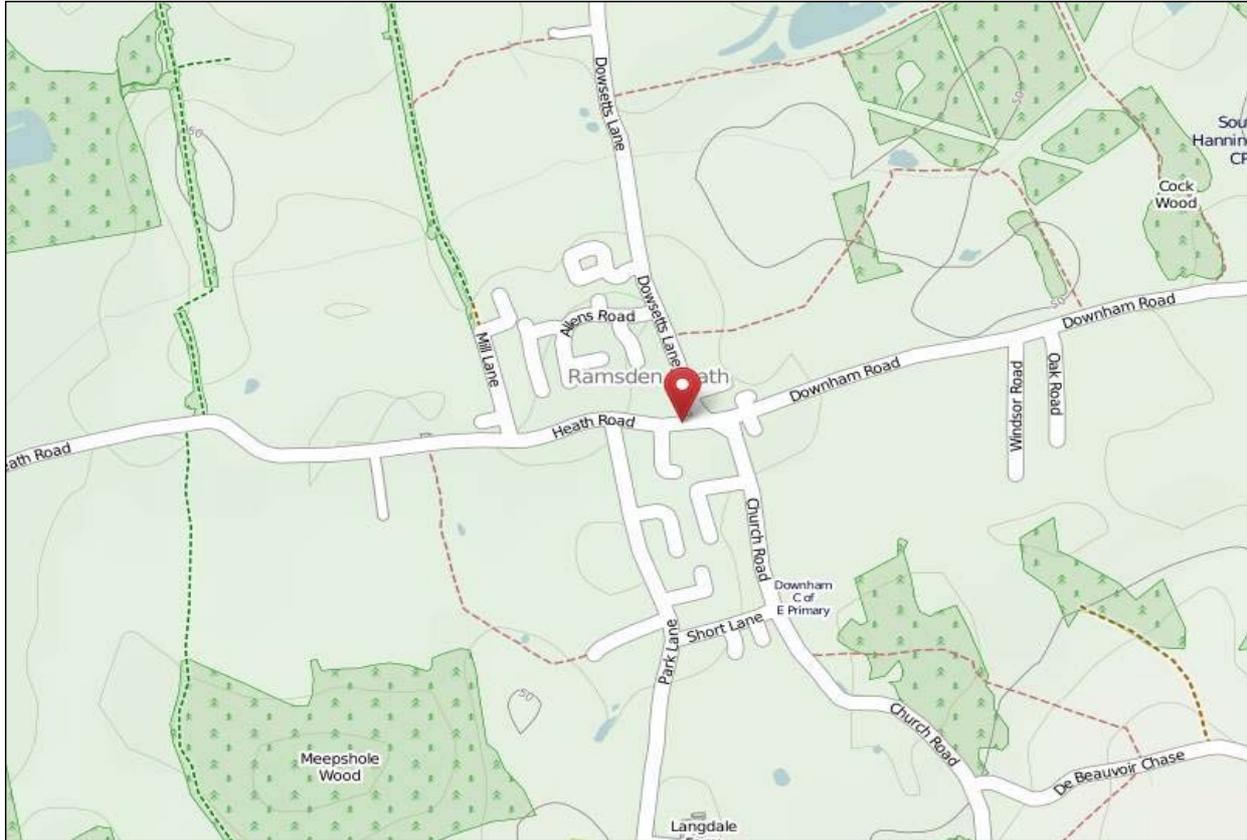
In queuing conditions, the accuracy of ATC recording equipment will reduce as follows;

- 20 – 30mph: potential reduction of 9% accuracy in volume values
- 10 – 20mph: potential reduction of 26% accuracy in volume values
- 0 – 10mph: potential reduction of 39% accuracy in volume values

These figures are based on multiple ATC results compared against accepted reference values from resilient manual counts.



PROJECT 13185 RMSDNHTH
LOCATION ATC02 - Heath Road (east), Ramsden Heath
START DATE Tue 10 Dec, 2013
DIRECTIONS Westbound / Eastbound
SURVEY TYPE 10-class, 15-min intervals, 7 days
ONLINE MAP [Click here](#)

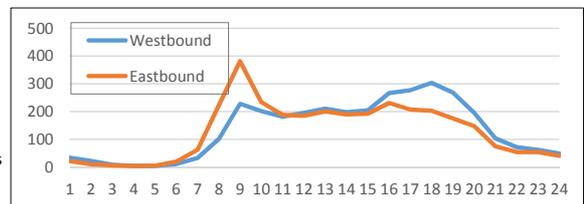


Posted speed limit: 30mph	
Westbound weekday average speed: 29.6mph	Westbound total volume: 22,611
Westbound 7-day average speed: 29.9mph	
Eastbound weekday average speed: 28.6mph	Eastbound total volume: 21,754
Eastbound 7-day average speed: 28.6mph	

In queuing conditions, the accuracy of ATC recording equipment will reduce as follows;

- 20 – 30mph: potential reduction of 9% accuracy in volume values
- 10 – 20mph: potential reduction of 26% accuracy in volume values
- 0 – 10mph: potential reduction of 39% accuracy in volume values

These figures are based on multiple ATC results compared against accepted reference values from resilient manual counts.



Produced by	Paul Dolphin	Date	Thu 19 December, 2013
Checked by	Paul Dolphin	Date	Thu 19 December, 2013
Authorised by	Chris Britton	Date	Thu 19 December, 2013



Chelmsford City Local Highways Panel

Potential Scheme Proposals

The attached report details those new schemes brought forward for the consideration of the Panel. Each scheme has been prioritised against set criteria and given a RAG status, showing its priority.

The Chelmsford City Local Highways Panel has a revised 2013/14 Capital budget of £400,700 and currently the Panel have made recommendations from this totalling £319,150 with £81,550 remaining for the implementation of schemes.

In addition the Panel has a 2013/14 revenue Budget of £129,000, with an estimated Highway rangers cost of £84,000. The Panel has made recommendations from this totalling £42,260 with £2,740 remaining for pre-construction feasibility/design/survey works.

There is below a summary of the schemes currently on the Potentials Schemes List.

Schemes 1, 3, 4, 5, 7, 9, 10, 11, 13, 14, 17, 18, 19, 23, 24, 31 and 33 are shown as “greyed” out, as the Panel made these recommendations at the Last Panel meeting. These schemes have been signed off and will now transfer onto the Approved Works Programme/Highway Improvement Scheme List, where appropriate.

Schemes 2, 6, 8, 12, 15, 16, 22, 26, 27, 28, and 29 are pending the results of the validation process. In addition scheme 21 is being re-assessed following the submission by the Town Council of additional supporting evidence.

Scheme			Pre-Construction			Construction	
No.	Reference	RAG	Feasibility /Design study	Speed Survey	PV ²	Civil Works	Design/ Supervision
1	LCHE132066		Scheme recommended/signed off, to transfer to Approved Works Programme				
2	LCHE132069		Scheme pending Validation				
3	LCHE132079		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
4	LCHE132080		PV ² Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
5	LCHE132081		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
6	LCHE132072		Scheme pending Validation				
7	LCHE132071		Scheme recommended/signed off, to transfer to Approved Works Programme				
8	LCHE132081		Scheme pending Validation				
9	LCHE132068		Scheme recommended/signed off, to transfer to Approved Works Programme				
10	LCHE132016		Scheme recommended/signed off, to transfer to Approved Works Programme				
11	LCHE132079		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				

Agenda Item 8

Scheme			Pre-Construction			Construction	
No.	Reference	RAG	Feasibility /Design study	Speed Survey	PV ²	Civil Works	Design/ Supervision
12	LCHE132080		Scheme pending Validation				
13	LCHE132082		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
14	LCHE132083		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
15	LCHE132084		Scheme pending Validation				
16	LCHE132049		Scheme pending Validation				
17	LCHE132085		Feasibility study recommended/signed off, to transfer to Approved Works Programme				
18	LCHE132086		Feasibility study recommended/signed off, to transfer to Approved Works Programme				
19	LCHE132046		Design recommended/signed off, to transfer to Approved Works Programme				
20	LCHE132050	Amber	£3,500				
21	LCHE132047		Scheme Validation to be re-assessed, following supporting evidence from Town Council				
22	LCHE132054		Scheme pending Validation				
23	LCHE132065		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
24	LCHE132070		Scheme recommended/signed off, to transfer to Approved Works Programme				
25	LCHE132077	Red	Scheme Validation - against policy				
26	LCHE132041		Scheme pending Validation				
27	LCHE132042	Amber	Scheme pending Validation - Parish Council to supply speed/volume data				
28	LCHE132043		Scheme pending Validation				
29	LCHE132078		Scheme pending Validation				
30	LCHE132073	Green	£10,000	Proposed to link Schemes 30/33			
31	LCHE132074		Traffic Survey to feed into Validation, to transfer to Approved Works Programme and Highway Improvements Scheme List, pending Validation.				
32	LCHE132075		Traffic Survey to feed into Validation process and Scheme to transfer to Approved Works Programme and Highway Improvements Scheme List.				
33	LCHE132076	Green	Proposed to link Schemes 30/33			£20,000	£2,500
			£13,500			£20,000	£2,500
			£13,500			£22,500	

	ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
1	LCHE132066	Broomfield	Court Road nr j/w Hospital Approach	Kerbing and wooden bollards	Section not kerbed, vehicles parking on verges	Scheme validated - install approximately 35 m of full height kerbing/raise & adjust manhole cover/make good verge	Councillor	Civils works - £5,000 and Design / Supervision £500	TBC	Green	15/01/2014
2	LCHE132069	Broomfield	Patching Hall Lane j/w B1008 Broomfield Road	Signal upgrade to allow left turnout/right turn in phase and extension of two lane section	Congestion	Scheme to be validated	Councillor	TBC	TBC	TBC	
3	LCHE132079	Broomfield	Main Road (at Southern Broomfield Parish Boundary)	Traffic management improvements	Speed/volume of vehicles	Scheme validation requires speed survey	Councillor	£210 speed survey	TBC	Green (x1 speed surveys)	15/01/2014
4	LCHE132080	Broomfield	Main Road nr j/w Erick Avenue	Upgrade zebra crossing to controlled crossing	Safety of pedestrians at crossing	Scheme validation requires either a PV ² survey to see if site meets criteria for upgraded crossing or Safety Assessment, with any resulting recommendation requiring funding through the LHP.	Councillor	PV ² Survey - £890 and/or Safety Assessment - £500	TBC	Green PV ²	15/01/2014
5	LCHE132081	Broomfield	Main Road (at Northern Broomfield Parish boundary)	Traffic management improvements	Speed/volume of vehicles	Scheme validation requires speed survey	Councillor	£210 speed survey	TBC	Green (x1 speed surveys)	15/01/2014
6	LCHE132072	Chelmsford Non Parished	North Avenue j/w Kings Road	Junction improvements	Wide junction	Scheme to be validated	Councillor	TBC	TBC	TBC	
7	LCHE132071	Chelmsford Non Parished	Miami Roundabout, London Road	Prevention of vehicles for sale o/s Moulsham Grange	Sight line issues	Scheme validation - Option to prevent parking (raise kerbs/add bollards/pave area) would need TRO's via parking partnership	Councillor	Civils £10,000 and Design/Supervision £2,500	TBC	Green	15/01/2014

	ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
8	LCHE132081	Chelmsford Non Parished	North Avenue j/w Melbourne Avenue	Drooped kerbs	Lack of dropped kerbs for wheelchair access	Scheme to be validated	Councillor	TBC	TBC	TBC	
9	LCHE132068	East Hanningfield	Main Road nr J/W Church Road	Bridge over ditch	To improve pedestrian access	Scheme validated - verge wide enough for a 1.2 m wide footpath/walkable verge approximately 36m long between existing ditch and carriageway (subject to highway boundary checks)	Councillor	Civils works - £10,000 and Design / Supervision £1,500	TBC	Green	15/01/2014
10	LCHE132016	Galleywood	Various entry points to Galleywood	Village gateway features	To reinforce change in speed limits	Scheme validation - subject to stats/highway boundary check possible to install five gateway features (design to be agreed with Parish Council)	Parish Council Residents	Civils works - £10,000 and Design / Supervision £2,500	TBC	Green	15/01/2014
11	LCHE132079	Galleywood	Watchouse Road, (Skinners Lane to Pipers Tye)	Speed reduction measures	Speed/volume of traffic	Scheme to be validated - suggested speed survey to aid validation	Parish Council Residents	£210 speed survey	TBC	Green (x1 speed surveys)	15/01/2014
12	LCHE132080	Good Easter	Fambridge end Road	Flooding warning improvements	Flooding	Scheme to be validated	Councillor	TBC	TBC	TBC	
13	LCHE132082	Highwood	Highwood Road, Loves green	Traffic management improvements	Speed/volume of traffic	Scheme to be validated - suggested speed survey to aid validation	Parish Council Residents	£210 speed survey	TBC	Green (x1 speed surveys)	15/01/2014

	ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
14	LCHE132083	Highwood	Highwood Road, Edney Common	Traffic management improvements	Speed/volume of traffic	Scheme to be validated - suggested speed survey to aid validation	Parish Council Residents	£210 speed survey	TBC	Green (x1 speed surveys)	15/01/2014
15	LCHE132084	Highwood	Highwood Road Edney Common to Loves Green	New footway to provide pedestrian link between hamlets	Lack of footway	Scheme to be validated	Parish Council	TBC	TBC	TBC	
16	LCHE132049	Little Baddow	Paper Mill bridge, North Hill, Little Baddow	Parking improvements	Vehicles parking on narrow bridge to access Paper Mill Lock	Scheme to be validated	Parish Council	TBC	TBC	TBC	
17	LCHE132085	Little Baddow	Hammonds Road, Little Baddow and Church Road, Boreham	Flood warning improvements	lack of flooding warning	Scheme validated - Feasibility study required to look at Depth Gauges & Verge Marker Posts / automated WigWag signage during flood conditions	Parish Council	£10,000	TBC	Green	15/01/2014
18	LCHE132086	Little Baddow	Paper Mill Bridge North Hill and j/w Moden Hall Lane	Flood warning improvements	lack of flooding warning	Scheme validated - Feasibility study required to look at Option 1 - Depth Gauges & Verge Marker Posts / automated WigWag signage during flood conditions or Option 2 - Carriageway improvements measures raise kerbs/create crossfall/provide drainage outfalls/Topographical Survey	Parish Council	Option 1 - £10,000 Option 2 - £5,000	TBC	Green	15/01/2014
19	LCHE132046	Roxwell	The Street/Vicarage Road, Roxwell	Bend improvements	Speed/volume of traffic on bend	Scheme validation - bend ahead warning sign on The Street/Edge of carriageway markings repainted/SLOW road markings installed.	Parish Council	£1,000 design		Green	15/01/2014

ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
20	South Woodham Ferrers	King Edwards Road	Provision of bus service	No bus service due to traffic calming, speed humps	Scheme validation - recommendation of feasibility study to consider all traffic management options, based on outcome of Public Consultation	Town Council	£3,500 (feasibility study)	TBC	Amber	
21	South Woodham Ferrers	A132/B1012 (Shaw Farm RAB) and B1012/B1418	Improved Goods Vehicle signage to keep vehicles on PR1 and not diverting through Woodham Ferrers PR2	Volume of traffic	Scheme validation - not supported as Routes are PR1 & PR2 (connecting routes needed to maintain free flowing traffic movement). Town Council has now provided additional information, scheme to be re-assessed.	Parish Council	TBC	TBC	TBC	
22	Springfield	Lawn Lane, Springfield	Improvements to speed humps	Issues with existing speed humps	Scheme validation - speed humps an effective Traffic Control method of slowing traffic. Any vehicles travelling within speed limit (30 mph) would not be damaged by the humps. Speed Survey in Sept 2013 at two locations shows mean speeds of 27.0mph and to 32.2 mph. New validation to look at existing speed humps.	Councillor	TBC	TBC	TBC	
23	Springfield	North Springfield (residential area between Pump Lane/White Hart Lane and Uplands Estate between Pump Lane/Lawn Lane/Leybourne Drive)	20 mph speed limit	Speeding traffic	Scheme to be validated - trial in area between Pump Lane/New Bowers Way/White Hart Lane two speed surveys required (Lupin Drive/Petunia Crescent)	Parish Council	x2 speed Surveys £420	TBC	Green Speed Surveys	15/01/2014
24	Springfield	New Hall School	Improved signage for school	Lack of signage	Scheme validated - a new direction sign flag "New Hall Access" (similar to the existing signage) could be erected on new post on White Hart Lane (from the Braintree direction) just prior to the school entrance, as this sign would be in accordance with ECC signing Policy.	Councillor	Sign £500 and Design / supervision £250	TBC	Green	15/01/2014
25	Springfield	New Bowers Way/White Hart Lane	Improved signage to Library/Parish Centre	Lack of signage	Scheme validated - against Signing Policy, Parish Centre/Library clearly visible from road. Also Parish website gives good information on how to find the venue.	Councillor	TBC	TBC	Red	

	ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
26	LCHE132041	Stock	The Square	Street Scene Enhancement	Improvements to both carriageway and footway and general street scene	Scheme already drawn up by Parish Council three options but needs to be fully validated by ECC. Re-submitted/previously considered	Parish Council	£186,750 to £234,510	TBC	TBC	
27	LCHE132042	Stock	High Street	20 mph speed limit in narrow section of High Street	Reduction from 30 mph to 20 mph	Scheme to be validated - speed survey required - Speed surveys have been carried out by Parish Council, ECC awaiting results	Parish Council	£420 x2 speed surveys	TBC	Amber (waiting on speed survey results)	
28	LCHE132043	Stock	High Street	Average speed cameras/traffic management (chicanes) at either end of High Street	Speeding traffic	Scheme to be validated	Parish Council	TBC	TBC	TBC	
29	LCHE132078	Stock	Buttsbury Bridge, Stock Lane	Bridge improvements	Vehicles hitting bridge	Scheme to be validated - Structures Team involved	Parish Council	TBC	TBC	TBC	
30	LCHE132073	Writtle	Ongar Road/Lordship Road	Traffic Management Improvements	Speed/volume of traffic	Scheme validation - main access to Writtle College suggested a Route Enhancement Scheme carried out (Looking at footway/carriageway surfacing, lining, signing, lighting and verge works). Schemes 30 and 33 to be linked and proposed to be considered together.	Parish Council	Route Enhancement Scheme £10,000	TBC	Green	
31	LCHE132074	Writtle	Margaretting Road/Lodge Road	Traffic Management Improvements	speed/volume of traffic	Scheme to be validated - requires speed/volume surveys	Parish Council	x2 speed Surveys £420	TBC	Green Speed Surveys	15/01/2014

ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP	
32	LCHE132075	Writtle	Margaretting Road/Writtle Road	Reduction in speed to 40 mph	Speed of traffic	Scheme validation - checks being made on existing speed/volume data held to feed into validation. If no current data four speed surveys required. Also maybe possible to install back to back Village gateway features subject to extent of highway/apparatus checks	Parish Council	x4 Speed Surveys £840 And/or Gateways Civil works £6,000 and Design/Super vision £1,500	TBC	Green (Speed Survey) And/or Gateways (subject to highway and apparatus checks)	15/01/2014
33	LCHE132076	Writtle	Nr Doctors Surgery, Lordship Road	Parking lay-by	Lack of parking at surgery	Scheme validation - Option 1 prevent parking (raised kerbs/reinstate verge/bollards) or Option 2 construct layby (though would be available to all). Schemes 30 and 33 to be linked and proposed to be considered together.	Parish Council	Option 1 Civils £5,000 and Design/Super vision £500 Option 2 Civils £20,000 and Design/Super vision £2,500	TBC	Green	

RAG 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.
White	Scheme pending validation
Grey	Scheme recommended for funding 2013/14 to be carried over to Advanced works Programme

Chelmsford City Local Highways Panel

Highway Improvements Scheme Proposals

The attached report details those highway improvement schemes brought forward for the consideration of the Panel. Each scheme has been prioritised against set criteria and given a RAG status, showing its priority.

The Chelmsford City Local Highways Panel has a revised 2013/14 Capital Budget of £400,700 and currently the Panel have made recommendations of £319,150 with £81,550 remaining for construction of schemes.

In addition the Panel has a 2013/14 Revenue Budget of £129,000, with estimated Rangers costs of £84,000 and the Panel has made recommendations from this of £42,260 with £2,740 remaining for pre-construction feasibility/design/survey works.

There is a summary below of the Highway Improvements Schemes List, currently traffic surveys have been carried out on proposed schemes 1, 2, 4, 5, 6, 7, 8, 9, 10 and 12. The speed/volume data is being used in the Validation process to assess the feasibility of the proposals. The results of the Validation will be reported to a future Panel meeting.

The Bus Stop Improvement Schemes 2 and 3 are shown as “Greyed” out, as the Panel agreed to fund them at the last Panel meeting. These schemes have been signed off and will now transfer onto the Approved Works Programme.

There is a request to fund two speed/volume surveys for Scheme 11, at a cost of £420 from the Revenue Budget, to assist the Validation of the proposal.

Scheme				Pre-Construction			Construction	
Scheme Type	No.	Reference	RAG	Feasibility /Design study	Speed Survey	PV ²	Civil Works	Design/ Supervision
Minor	1	LCHE132024	TBC	Being validated, speed survey results feeding into process				
Minor	2	LCHE132023	TBC	Being validated, speed survey results feeding into process				
Minor	3	IT134	Amber	Feasibility study funded into parking improvements				
Minor	4	LCHE132048	TBC	Being validated, speed survey results feeding into process				
Minor	5	LCHE132057	TBC	Being validated, speed survey results feeding into process				
Minor	6	LCHE132058	TBC	Being validated, speed survey results feeding into process				
Minor	7	LCHE132015	TBC	Being validated, speed survey results feeding into process				
Minor	8	LCHE132059	TBC	Being validated, speed survey results feeding into process				
Minor	9	LCHE132020	TBC	Being validated, speed survey results feeding into process				
Minor	10	LCHE132027	TBC	Being validated, speed survey results feeding into process				
Minor	11	LCHE132064	Green		£420			
Minor	12	LCHE132067	TBC	Being validated, speed survey results feeding into process				
Bus Stop Improvement	1	LCHE135010	Amber				S.106 monies	
Bus Stop Improvement	2	LCHE135013		Scheme recommended for funding and signed off, will now transfer to Approved Works Programme				
Bus Stop Improvement	3	LCHE135014		Scheme recommended for funding and signed off, will now transfer to Approved Works Programme				
Cycling	1	LCHE134004	Amber				S.106 monies	
						£420		

	ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
1	LCHE132024	Bicknacre & Woodham Ferrers	Bicknacre Road, Bicknacre	20 mph speed limit o/s school	Speed/volume of traffic	Results of speed surveys to feed into validation process	Parish Council	TBC	TBC	TBC	
2	LCHE132023	Bicknacre & Woodham Ferrers	Main Road, Woodham Ferrers	20 mph speed limit o/s school	Speed/volume of traffic	Results of speed surveys to feed into validation process	Parish Council	TBC	TBC	TBC	
3	IT134	Chelmsford Non Parished	Broomfield Road & Patching Hall Lane/Broomfield Parade	Improved traffic management - review of traffic light priorities - traffic lights at junction. Issues egressing Broomfield parade	Unclear problem	Investigation for signals optimisation. Maybe review on street parking on approach to Broomfield Parade exit. Awaiting comments/justification from Parish Council. Feasibility study into parking improvements funded under LCHE132051	Historic - Origin Unknown	40k	6 months	Amber	
4	LCHE132048	Chelmsford Non Parished	North Avenue nr jw Kings Road	Pedestrian crossing	Difficulty for pedestrian crossing road	Results of degree of pedestrian conflict survey to feed into validation process	Councillor	TBC	TBC	TBC	
5	LCHE132057	Chelmsford Non Parished	Old Moulsham (Moulsham Dr/Lady Ln/Hamlet Rd/St Johns Rd/Vicarage Rd/Moulsham St)	20 mph zone/limit	Speed/volume of traffic	Results of speed surveys to feed into validation process	Councillor	TBC	TBC	TBC	
6	LCHE132058	Chelmsford Non Parished	Railway Bridge, Arbour Lane	Footway improvements across bridge	Speed/volume of traffic	Results of speed surveys to feed into validation process	Councillor	TBC	TBC	TBC	
7	LCHE132015	Galleywood	Barnard Road	20 mph speed limit outside school	Speed/volume of traffic	Results of speed surveys to feed into validation process	Parish Council	TBC	TBC	TBC	
8	LCHE132059	Margaretting	B1002 Main Road, Wantz Road/Writtle Road	Reduction in speed from 40 mph to 30 mph	Speed/volume of traffic	Results of speed surveys to feed into validation process	Parish Council	TBC	TBC	TBC	

ID	Parish or Town Council	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)	Estimated Timescale	RAG	Recommended by LHP
9	Ramsden Heath	Heath Road	Extension of existing 30 mph speed limit	Speed/volume of traffic	Results of speed surveys to feed into validation process	Parish Council	TBC	TBC	TBC	
10	Springfield	Sandford Mill Road	Reduction in speed from 60 mph to 30 mph	Speed/volume of traffic	Results of speed surveys to feed into validation process	Councillor	TBC	TBC	TBC	
11	Springfield	Pollards Green	20 mph speed limit	Speed/volume of traffic	Results of speed surveys shows good compliance, two further speed surveys required on adjacent roads to feed into validation process	Parish Council	£420 x2 speed surveys	TBC	Green x2 speed surveys	
12	West Hanningfield	Church Road/Middlemead	Taffic management improvements	Speed/volume of traffic	Results of speed surveys to feed into validation process	Parish Council	TBC	TBC	TBC	

RAG 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.
	Pending validation
	Scheme Prioritised for funding

	ID	Parish or Town Council	Location	Type of Scheme	Details of Scheme	Issues / Comments / Reason for Scheme	Scheme Origination	Approx. Timescale	Estimated Cost	Priority (RAG)	Recommended by LHP
1	LCHE135010	Bicknacre	New bus stop (flag & pole outside "Top Vans" Bicknacre Road Bicknacre.	Bus Stop Improvement	Install new bus stop flag and pole and hardstand	This stop is unmarked and should be formalised with a pole and flag for clarity to passengers and bus drivers.	Bus Users/Company	TBC	£3000 S.106 funded	Amber	
2	LCHE135013	Chelmsford Non Parished	Nabbott Road (opp) Beeches Road, Stop ID 3407605	Bus Stop Improvement	Design of new bus build-out and shelter	Heavily used bus stop	Housing Association	TBC	£1,500 Design	Green (design)	15/1/14
3	LCHE135014	Roxwell	Cross Keys A1060 Boyton Cross	Bus Stop Improvement	Design of bus stop with hard standing and raised kerbs. To look at moving/improving bus stop.	Existing stop hit in road traffic accident	County Council - Passenger Transport team	TBC	£1,500 Design	Green (design)	15/4/14

RAG Key

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
	Scheme Prioritised for funding 2013/14 and still to transfer to Approved Works Programme

Parish or Town Council	Site No	School	Location of patrol	Work required	Problem	Origin of request	Total Estimated Costs	Timescale	RAG	Recommended by LHP
No schemes currently identified										

RAG 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
White	Pending validation
Grey	Scheme prioritised for funding

Ref	Parish or Town Council	Location	Measure	Benefit	Budgetary Cost	Mandatory work	Design Timescale	Install Timescale	RAG	Recommended by LHP
No schemes currently identified										

RAG 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.
	Pending validation
	Scheme prioritised for funding

SCOOT Split Cycle and Offset

OTU Unit. These are in signals and are controlled via the

RMS System. This allows the signals to report back to the main system in

MOVA Microprocessor Optimised Vehicle Actuation. Similar

	ID	Parish or Town Council	Location	Scheme	Problem	Scheme sponsor	Estimated Cost (£)	Timescale	RAG	Recommended by LHP
1	LCHE134004	Great Baddow	Army & Navy	CH60 - replace existing guardrails with narrower design, improve lighting, re-paint and re-surface	Narrow widths, poor lighting and environment.	ECC Cycling Team/LTP	£15,000	TBC	Amber	Advise hold as could be funded by S.106 should Gt Baddow Route progress as expected

RAG key

Green	A high priority scheme against strategic
Amber	A low priority scheme against strategic criteria
Red	More information required.
	Pending validation
	Scheme Prioritised for funding

ID	Parish or Town Council	PROW Number	Status	Scheme	Problem	By	From	Timescale	Cost (£)	Notes	RAG	Recommended by LHP
No schemes currently identified												

Green
Amber
Red

RAG Key

- A high priority scheme against strategic criteria
- A low priority scheme against strategic criteria
- A scheme which is against Essex Policy or there is no appropriate engineering solution.
- Pending validation
- Scheme prioritised for funding

Ref No.	ID	Parish or Town Council	Location	Proposed Solution	Timescale	Cost (£)	RAG	Recommended by LHP
No schemes currently identified								

RAG Key

Green	A high priority based on Collision history
Amber	A medium priority based on Collision History
Red	A scheme which is against Essex Policy or there is no appropriate engineering solution.
	Scheme pending Validation
	Scheme prioritised for funding